

|                 |                 |             |              |
|-----------------|-----------------|-------------|--------------|
| Project No.     | SHT2101077005EW |             |              |
| Test sample No. | YPHT21010770001 | Model No.   | DM-9800      |
| Start test date | 2021/2/26       | Finish date | 2021/3/1     |
| Temperature     | 21.9°C          | Humidity    | 59%          |
| Test Engineer   | Zijian Li       | Auditor     | Xiaodong Zhu |

| Appendix clause | Test Item                              | Test date (M/D) | Test Result (PASS/FAIL) |
|-----------------|----------------------------------------|-----------------|-------------------------|
| A               | Maximum Transmitter Power              | 3/1             | PASS                    |
| B               | Occupied Bandwidth                     | 3/1             | PASS                    |
| C               | Emission Mask                          | 3/1             | PASS                    |
| D               | Modulation Limit                       | 2/26            | PASS                    |
| E               | Audio Frequency Response               | 2/26            | PASS                    |
| F               | Frequency Stability Test & Temperature | 3/1             | PASS                    |
| G               | Frequency Stability Test & Voltage     | 3/1             | PASS                    |
| H               | Transmitter Frequency Behavior         | 3/1             | PASS                    |
| I               | Spurious Emission On Antenna Port      | 3/3             | PASS                    |

### Appendix A:Maximum Transmitter Power

| Operation Mode | Modulation Type | Test Channel     | Measured Power(dBm) | Measured Power(W) | Rated Power(W) | Percentage (%) | Limit (%) | Result |
|----------------|-----------------|------------------|---------------------|-------------------|----------------|----------------|-----------|--------|
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | 47.00               | 50.119            | 45.0           | 11.4           | ±20       | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | 47.07               | 50.933            | 45.0           | 13.2           | ±20       | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | 47.06               | 50.816            | 45.0           | 12.9           | ±20       | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | 47.22               | 52.723            | 45.0           | 17.2           | ±20       | PASS   |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | 46.83               | 48.195            | 45.0           | 7.1            | ±20       | PASS   |
| TX-DNL         | 4FSK            | CH <sub>L</sub>  | 37.61               | 5.768             | 5.0            | 15.4           | ±20       | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | 37.56               | 5.702             | 5.0            | 14.0           | ±20       | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M2</sub> | 37.63               | 5.794             | 5.0            | 15.9           | ±20       | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M3</sub> | 37.75               | 5.957             | 5.0            | 19.1           | ±20       | PASS   |
| TX-DNL         | 4FSK            | CH <sub>H</sub>  | 37.33               | 5.408             | 5.0            | 8.2            | ±20       | PASS   |
| TX-ANH         | FM              | CH <sub>L</sub>  | 46.73               | 47.098            | 45.0           | 4.7            | ±20       | PASS   |
| TX-ANH         | FM              | CH <sub>M1</sub> | 46.94               | 49.431            | 45.0           | 9.8            | ±20       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 46.89               | 48.865            | 45.0           | 8.6            | ±20       | PASS   |
| TX-ANH         | FM              | CH <sub>M3</sub> | 46.93               | 49.317            | 45.0           | 9.6            | ±20       | PASS   |
| TX-ANH         | FM              | CH <sub>H</sub>  | 46.34               | 43.053            | 45.0           | -4.3           | ±20       | PASS   |
| TX-ANL         | FM              | CH <sub>L</sub>  | 37.50               | 5.623             | 5.0            | 12.5           | ±20       | PASS   |
| TX-ANL         | FM              | CH <sub>M1</sub> | 37.50               | 5.623             | 5.0            | 12.5           | ±20       | PASS   |
| TX-ANL         | FM              | CH <sub>M2</sub> | 37.49               | 5.610             | 5.0            | 12.2           | ±20       | PASS   |
| TX-ANL         | FM              | CH <sub>M3</sub> | 37.72               | 5.916             | 5.0            | 18.3           | ±20       | PASS   |
| TX-ANL         | FM              | CH <sub>H</sub>  | 37.32               | 5.395             | 5.0            | 7.9            | ±20       | PASS   |

## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | Occupied Bandwidth |           | 99% Limit(kHz) | Result |
|----------------|-----------------|------------------|--------------------|-----------|----------------|--------|
|                |                 |                  | 99%(kHz)           | 26dB(kHz) |                |        |
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | 7.502              | 9.205     | ≤11.25         | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | 7.446              | 9.214     | ≤11.25         | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | 7.437              | 9.206     | ≤11.25         | PASS   |
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | 7.466              | 9.231     | ≤11.25         | PASS   |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | 7.186              | 9.162     | ≤11.25         | PASS   |
| TX-DNL         | 4FSK            | CH <sub>L</sub>  | 7.193              | 9.184     | ≤11.25         | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | 7.380              | 9.204     | ≤11.25         | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M2</sub> | 7.338              | 9.195     | ≤11.25         | PASS   |
| TX-DNL         | 4FSK            | CH <sub>M3</sub> | 7.576              | 9.222     | ≤11.25         | PASS   |
| TX-DNL         | 4FSK            | CH <sub>H</sub>  | 7.445              | 9.208     | ≤11.25         | PASS   |
| TX-ANH         | FM              | CH <sub>L</sub>  | 9.942              | 10.150    | ≤11.25         | PASS   |
| TX-ANH         | FM              | CH <sub>M1</sub> | 9.941              | 10.150    | ≤11.25         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 9.926              | 10.140    | ≤11.25         | PASS   |
| TX-ANH         | FM              | CH <sub>M3</sub> | 9.944              | 10.160    | ≤11.25         | PASS   |
| TX-ANH         | FM              | CH <sub>H</sub>  | 9.943              | 10.150    | ≤11.25         | PASS   |
| TX-ANL         | FM              | CH <sub>L</sub>  | 9.939              | 10.150    | ≤11.25         | PASS   |
| TX-ANL         | FM              | CH <sub>M1</sub> | 9.938              | 10.140    | ≤11.25         | PASS   |
| TX-ANL         | FM              | CH <sub>M2</sub> | 9.929              | 10.140    | ≤11.25         | PASS   |
| TX-ANL         | FM              | CH <sub>M3</sub> | 9.930              | 10.140    | ≤11.25         | PASS   |
| TX-ANL         | FM              | CH <sub>H</sub>  | 9.943              | 10.150    | ≤11.25         | PASS   |

## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz</p> <p>Center Freq: 400.012500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.31 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 400 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 7.502 kHz</p> <p>Total Power 51.6 dBm</p> <p>Transmit Freq Error 66 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.205 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 400.012500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>   |
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Center Freq: 405.987500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.42 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 406 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 7.446 kHz</p> <p>Total Power 51.7 dBm</p> <p>Transmit Freq Error 127 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.214 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 405.987500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>  |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Center Freq: 406.112500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.36 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 406.1 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 7.437 kHz</p> <p>Total Power 51.5 dBm</p> <p>Transmit Freq Error 94 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.206 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 406.112500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p> |

# Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 443.012500 MHz</p> <p>Center Freq: 443.012500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.26 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 443 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</p> <p>7.466 kHz</p> <p>Total Power</p> <p>51.5 dBm</p> <p>Transmit Freq Error</p> <p>122 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>9.231 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>443.012500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>Align Now, All required</p> |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 479.987500 MHz</p> <p>Center Freq: 479.987500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.51 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 480 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</p> <p>7.186 kHz</p> <p>Total Power</p> <p>51.6 dBm</p> <p>Transmit Freq Error</p> <p>126 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>9.162 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>479.987500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>DC Coupled</p>              |
| TX-DNL         | 4FSK            | CH <sub>L</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz</p> <p>Center Freq: 400.012500 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>#IF Gain: Low</p> <p>#Atten: 30 dB</p> <p>Ref 41.39 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 400 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</p> <p>7.193 kHz</p> <p>Total Power</p> <p>42.1 dBm</p> <p>Transmit Freq Error</p> <p>72 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>9.184 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>400.012500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>Align Now, All required</p>  |

## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Center Freq: 405.987500 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 41.46 dBm</p> <p>Center 405 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 7.380 kHz</p> <p>Total Power 42.2 dBm</p> <p>Transmit Freq Error 122 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.204 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 405.987500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>   |
| TX-DNL         | 4FSK            | CH <sub>M2</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Center Freq: 406.112500 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 41.48 dBm</p> <p>Center 406.1 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 7.338 kHz</p> <p>Total Power 42.3 dBm</p> <p>Transmit Freq Error 124 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.195 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 406.112500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p> |
| TX-DNL         | 4FSK            | CH <sub>M3</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 443.012500 MHz</p> <p>Center Freq: 443.012500 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 41.63 dBm</p> <p>Center 443 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 7.576 kHz</p> <p>Total Power 42.1 dBm</p> <p>Transmit Freq Error 103 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.222 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 443.012500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>   |

## 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 479.987500 MHz</p> <p>Center Freq: 479.987500 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>#IF Gain: Low</p> <p>#Atten: 02 dB</p> <p>Ref 42.04 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 480 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</p> <p>7.445 kHz</p> <p>Total Power</p> <p>42.2 dBm</p> <p>Transmit Freq Error</p> <p>115 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>9.208 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>479.987500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>Align Now, All required</p> |
| TX-ANH         | FM              | CH <sub>L</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 400.012500 MHz</p> <p>Center Freq: 400.012500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.21 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 400 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</p> <p>9.942 kHz</p> <p>Total Power</p> <p>46.4 dBm</p> <p>Transmit Freq Error</p> <p>-63 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>10.15 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>400.012500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>Align Now, All required</p> |
| TX-ANH         | FM              | CH <sub>M1</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Center Freq: 405.987500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.49 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 406 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</p> <p>9.941 kHz</p> <p>Total Power</p> <p>46.6 dBm</p> <p>Transmit Freq Error</p> <p>-34 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>10.15 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>405.987500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS</p> <p>Align Now, All required</p> |

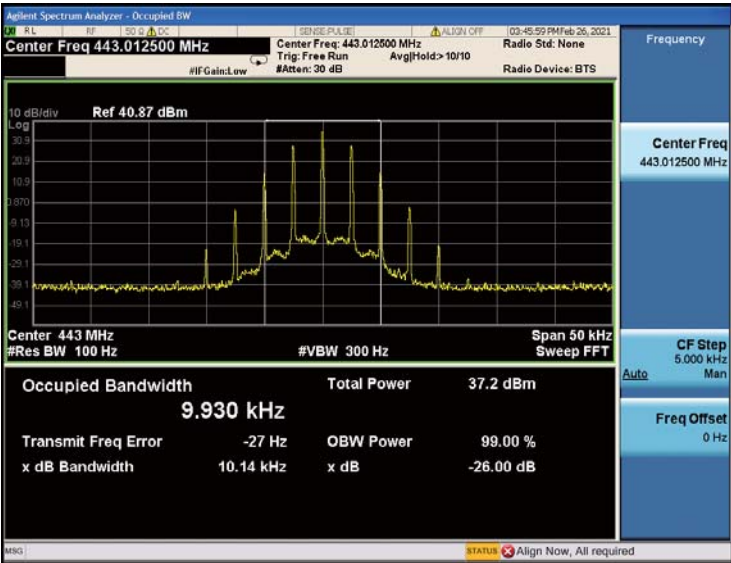
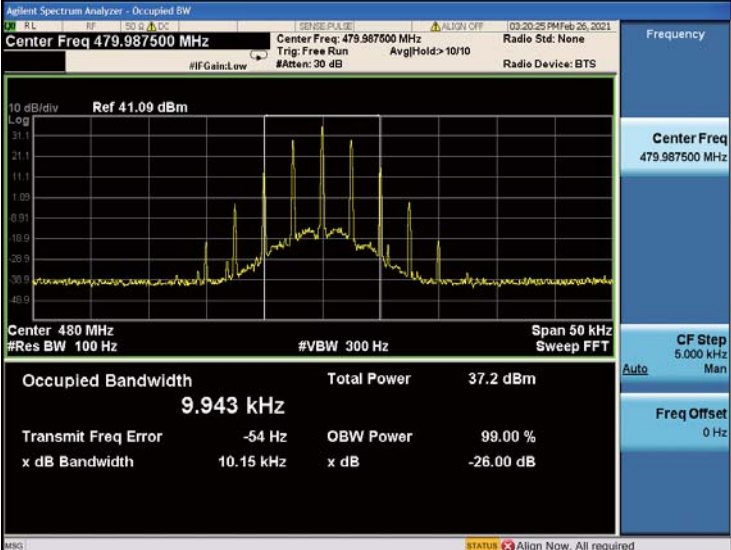
## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>M2</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Center Freq: 406.112500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.44 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 406.1 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</p> <p>9.926 kHz</p> <p>Total Power</p> <p>47.0 dBm</p> <p>Transmit Freq Error</p> <p>-27 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>10.14 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>406.112500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS Align Now, All required</p> |
| TX-ANH         | FM              | CH <sub>M3</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 443.012500 MHz</p> <p>Center Freq: 443.012500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 50.13 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 443 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</p> <p>9.944 kHz</p> <p>Total Power</p> <p>46.2 dBm</p> <p>Transmit Freq Error</p> <p>-40 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>10.16 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>443.012500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS Align Now, All required</p>   |
| TX-ANH         | FM              | CH <sub>H</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 479.987500 MHz</p> <p>Center Freq: 479.987500 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>#IF Gain: Low</p> <p>#Atten: 40 dB</p> <p>Ref 49.85 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 480 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</p> <p>9.943 kHz</p> <p>Total Power</p> <p>46.0 dBm</p> <p>Transmit Freq Error</p> <p>-54 Hz</p> <p>OBW Power</p> <p>99.00 %</p> <p>x dB Bandwidth</p> <p>10.15 kHz</p> <p>x dB</p> <p>-26.00 dB</p> <p>Frequency</p> <p>Center Freq</p> <p>479.987500 MHz</p> <p>CF Step</p> <p>5.000 kHz</p> <p>Auto</p> <p>Man</p> <p>Freq Offset</p> <p>0 Hz</p> <p>STATUS Align Now, All required</p>   |

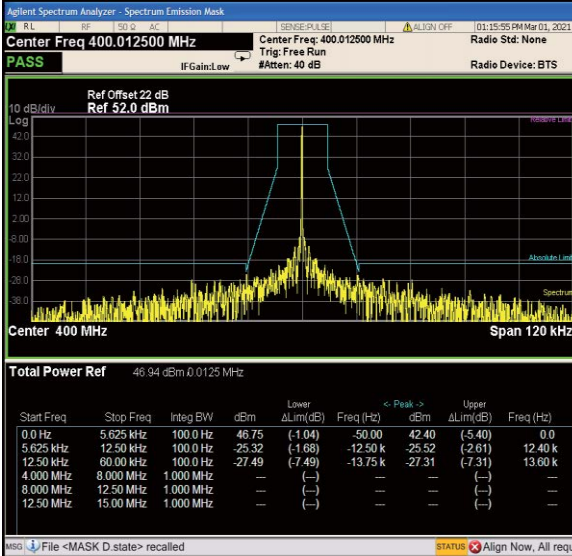
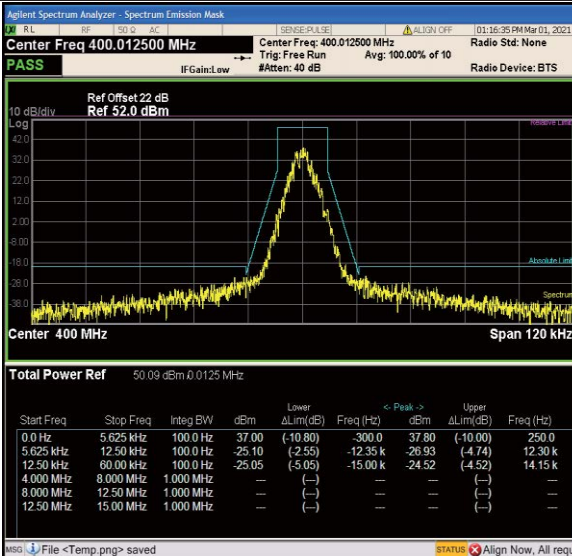
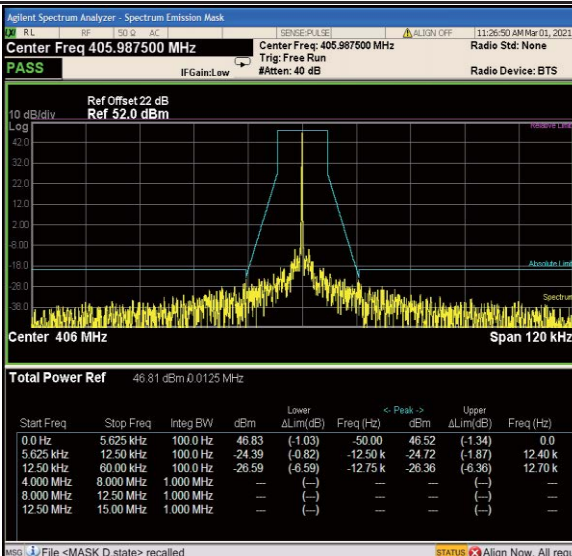
## Appendix B:Occupied Bandwidth

| 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 400.012500 MHz</p> <p>Center Freq: 400.012500 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 41.17 dBm</p> <p>Center 400 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 9.939 kHz</p> <p>Total Power 37.2 dBm</p> <p>Transmit Freq Error -31 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.15 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 400.012500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>   |
| TX-ANL         | FM              | CH <sub>M1</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 405.987500 MHz</p> <p>Center Freq: 405.987500 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 41.01 dBm</p> <p>Center 406 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 9.938 kHz</p> <p>Total Power 37.4 dBm</p> <p>Transmit Freq Error -20 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 405.987500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>   |
| TX-ANL         | FM              | CH <sub>M2</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 406.112500 MHz</p> <p>Center Freq: 406.112500 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 41.09 dBm</p> <p>Center 406.1 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 9.929 kHz</p> <p>Total Power 37.5 dBm</p> <p>Transmit Freq Error -25 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 406.112500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</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 443.012500 MHz</p> <p>Center Freq: 443.012500 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>#IF Gain: Low</p> <p>#Atten: 30 dB</p> <p>Ref 40.87 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 443 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 9.930 kHz</p> <p>Total Power 37.2 dBm</p> <p>Transmit Freq Error -27 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 443.012500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p>  |
| TX-ANL         | FM              | CH <sub>H</sub>  |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 479.987500 MHz</p> <p>Center Freq: 479.987500 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>#IF Gain: Low</p> <p>#Atten: 30 dB</p> <p>Ref 41.09 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 480 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 9.943 kHz</p> <p>Total Power 37.2 dBm</p> <p>Transmit Freq Error -54 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.15 kHz</p> <p>x dB -26.00 dB</p> <p>Frequency</p> <p>Center Freq 479.987500 MHz</p> <p>CF Step 5.000 kHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p> <p>STATUS Align Now, All required</p> |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                     |                                                                                                                                           |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>L</sub>  |    | <div>Frequency</div> <div>Center Freq<br/>400.012500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
| TX-DNH         | 4FSK            | CH <sub>L</sub>  |   | <div>Frequency</div> <div>Center Freq<br/>400.012500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
| TX-DNH         | 4FSK            | CH <sub>M1</sub> |  | <div>Frequency</div> <div>Center Freq<br/>405.987500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |

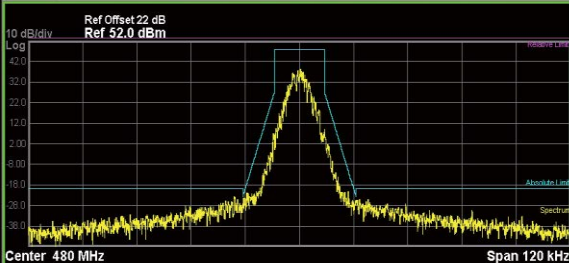
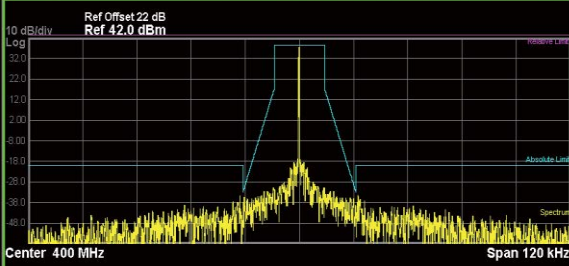
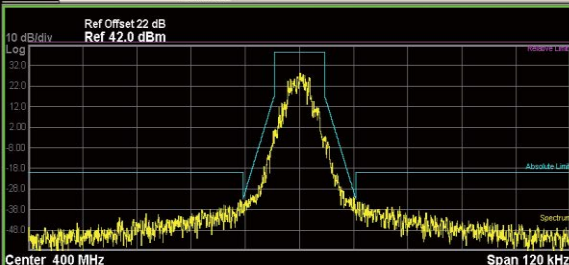
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |          |                |                |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|--------------|----------------|----------------|-----------|--------|-----------|----------|-------|----------|--------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|----------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RLRF150.0ACSENSE-PULSEALIGN OFF11:27:32 AM Mar 03, 2021</div><div>Center Freq 405.987500 MHzCenter Freq: 405.987500 MHzRadio Std: None</div><div>Trig: Free Run#Atten: 40 dBAvg: 100.00% of 10</div><div>PASSIFGain:LowRadio Device: BTS</div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>42.0</div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>0.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>49.19 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>36.93</td><td>(-10.94)</td><td>-300.0</td><td>40.93</td><td>(-6.94)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-23.76</td><td>(-0.19)</td><td>-12.50 k</td><td>-25.33</td><td>(-4.30)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.36</td><td>(-4.36)</td><td>-12.50 k</td><td>-24.44</td><td>(-4.44)</td><td>15.85 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>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></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 | 36.93 | (-10.94) | -300.0 | 40.93 | (-6.94) | 550.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -23.76 | (-0.19) | -12.50 k | -25.33 | (-4.30) | 12.15 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -24.36 | (-4.36) | -12.50 k | -24.44 | (-4.44) | 15.85 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 | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>405.987500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>AutoMan</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.625 kHz  | 100.0 Hz  | 36.93    | (-10.94)       | -300.0         | 40.93        | (-6.94)        | 550.0          |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -23.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-0.19)    | -12.50 k  | -25.33   | (-4.30)        | 12.15 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -24.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-4.36)    | -12.50 k  | -24.44   | (-4.44)        | 15.85 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>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RLRF150.0ACSENSE-PULSEALIGN OFF11:30:24 AM Mar 03, 2021</div><div>Center Freq 406.112500 MHzCenter Freq: 406.112500 MHzRadio Std: None</div><div>Trig: Free Run#Atten: 40 dBAvg: 100.00% of 10</div><div>PASSIFGain:LowRadio Device: BTS</div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>42.0</div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>0.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>46.73 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>46.72</td><td>(-1.14)</td><td>-50.00</td><td>44.69</td><td>(-3.16)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-29.16</td><td>(-5.58)</td><td>-12.50 k</td><td>-28.22</td><td>(-5.01)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.38</td><td>(-7.38)</td><td>-16.60 k</td><td>-27.10</td><td>(-7.10)</td><td>16.45 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>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></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 | 46.72 | (-1.14)  | -50.00 | 44.69 | (-3.16) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -29.16 | (-5.58) | -12.50 k | -28.22 | (-5.01) | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -27.38 | (-7.38) | -16.60 k | -27.10 | (-7.10) | 16.45 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>AutoMan</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.625 kHz  | 100.0 Hz  | 46.72    | (-1.14)        | -50.00         | 44.69        | (-3.16)        | 0.0            |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -29.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-5.58)    | -12.50 k  | -28.22   | (-5.01)        | 12.45 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -27.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-7.38)    | -16.60 k  | -27.10   | (-7.10)        | 16.45 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>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RLRF150.0ACSENSE-PULSEALIGN OFF11:33:03 AM Mar 03, 2021</div><div>Center Freq 406.112500 MHzCenter Freq: 406.112500 MHzRadio Std: None</div><div>Trig: Free Run#Atten: 40 dBAvg: 100.00% of 10</div><div>PASSIFGain:LowRadio Device: BTS</div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>42.0</div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>0.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>49.94 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>37.38</td><td>(-10.48)</td><td>-300.0</td><td>40.68</td><td>(-7.18)</td><td>500.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.86</td><td>(-3.65)</td><td>-12.45 k</td><td>-29.55</td><td>(-5.97)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.37</td><td>(-4.37)</td><td>-14.50 k</td><td>-22.89</td><td>(-2.89)</td><td>13.15 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div></div>     | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.38 | (-10.48) | -300.0 | 40.68 | (-7.18) | 500.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -26.86 | (-3.65) | -12.45 k | -29.55 | (-5.97) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -24.37 | (-4.37) | -14.50 k | -22.89 | (-2.89) | 13.15 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>AutoMan</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.625 kHz  | 100.0 Hz  | 37.38    | (-10.48)       | -300.0         | 40.68        | (-7.18)        | 500.0          |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -26.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-3.65)    | -12.45 k  | -29.55   | (-5.97)        | 12.50 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                              |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -24.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-4.37)    | -14.50 k  | -22.89   | (-2.89)        | 13.15 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>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>46.30 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>46.36</td><td>(-1.35)</td><td>-50.00</td><td>45.34</td><td>(-2.37)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-27.49</td><td>(-4.12)</td><td>-12.45 k</td><td>-28.25</td><td>(-4.52)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.05</td><td>(-5.05)</td><td>-14.80 k</td><td>-25.03</td><td>(-5.03)</td><td>14.70 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>MSO File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                          | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 46.36 | (-1.35)  | -50.00 | 45.34 | (-2.37) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -27.49 | (-4.12) | -12.45 k | -28.25 | (-4.52) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -25.05 | (-5.05) | -14.80 k | -25.03 | (-5.03) | 14.70 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 | — | (—) | — | — | (—) | — | Auto |
|                |                 |                  | 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  | 46.36    | (-1.35)        | -50.00         | 45.34        | (-2.37)        | 0.0            |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -27.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-4.12)    | -12.45 k  | -28.25   | (-4.52)        | 12.50 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -25.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-5.05)    | -14.80 k  | -25.03   | (-5.03)        | 14.70 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>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>48.79 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.72</td><td>(-10.98)</td><td>-250.0</td><td>38.95</td><td>(-8.76)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.00</td><td>(-4.99)</td><td>-12.40 k</td><td>-28.83</td><td>(-5.10)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.75</td><td>(-4.75)</td><td>-13.10 k</td><td>-24.35</td><td>(-4.35)</td><td>12.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table><div>MSO File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 36.72 | (-10.98) | -250.0 | 38.95 | (-8.76) | 700.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -28.00 | (-4.99) | -12.40 k | -28.83 | (-5.10) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -24.75 | (-4.75) | -13.10 k | -24.35 | (-4.35) | 12.55 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | Auto |
|                |                 |                  | 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  | 36.72    | (-10.98)       | -250.0         | 38.95        | (-8.76)        | 700.0          |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -28.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-4.99)    | -12.40 k  | -28.83   | (-5.10)        | 12.50 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -24.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-4.75)    | -13.10 k  | -24.35   | (-4.35)        | 12.55 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>Center 480 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>46.73 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>46.79</td><td>(-1.10)</td><td>-50.00</td><td>46.42</td><td>(-1.47)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-27.13</td><td>(-3.94)</td><td>-12.45 k</td><td>-27.50</td><td>(-5.05)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.68</td><td>(-6.68)</td><td>-12.55 k</td><td>-26.49</td><td>(-6.49)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table><div>MSO File &lt;MASK D.state&gt; recalled</div><div>STATUS</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>479.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                                                  | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 46.79 | (-1.10)  | -50.00 | 46.42 | (-1.47) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -27.13 | (-3.94) | -12.45 k | -27.50 | (-5.05) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -26.68 | (-6.68) | -12.55 k | -26.49 | (-6.49) | 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 | — | (—) | — | — | (—) | — | Auto |
|                |                 |                  | 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  | 46.79    | (-1.10)        | -50.00         | 46.42        | (-1.47)        | 0.0            |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -27.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-3.94)    | -12.45 k  | -27.50   | (-5.05)        | 12.35 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |      |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -26.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-6.68)    | -12.55 k  | -26.49   | (-6.49)        | 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>H</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>IF</div><div>SD</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:21:55 AM Mar 01, 2021</div></div></div><div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 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>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div></div><div>Center 480 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>50.35 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>37.39</td><td>(-10.50)</td><td>-250.0</td><td>38.32</td><td>(-9.57)</td><td>300.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-24.32</td><td>(-0.78)</td><td>-12.50 k</td><td>-25.29</td><td>(-1.74)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-23.68</td><td>(-3.68)</td><td>-14.30 k</td><td>-24.94</td><td>(-4.94)</td><td>15.25 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>File &lt;Temp.png&gt; saved</div><div>STATUS</div></div> <div><div>Frequency</div><div>Center Freq</div><div>479.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                             | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.39 | (-10.50) | -250.0 | 38.32 | (-9.57) | 300.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -24.32 | (-0.78) | -12.50 k | -25.29 | (-1.74) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -23.68 | (-3.68)  | -14.30 k | -24.94 | (-4.94)  | 15.25 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW        | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz        | 37.39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-10.50)       | -250.0    | 38.32        | (-9.57)        | 300.0          |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -24.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-0.78)        | -12.50 k  | -25.29       | (-1.74)        | 12.50 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -23.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-3.68)        | -14.30 k  | -24.94       | (-4.94)        | 15.25 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><div>RL</div><div>RF</div><div>IF</div><div>SD</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:18:22 PM Mar 01, 2021</div></div></div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>Avg: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div><div></div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.63 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>37.53</td><td>(-0.89)</td><td>-100.0</td><td>33.85</td><td>(-4.57)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.53</td><td>(-4.70)</td><td>-12.20 k</td><td>-36.26</td><td>(-6.51)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.60</td><td>(-14.60)</td><td>-13.15 k</td><td>-34.47</td><td>(-14.47)</td><td>13.00 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>File &lt;MASK.D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div> <div><div>Frequency</div><div>Center Freq</div><div>400.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>      | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.53 | (-0.89)  | -100.0 | 33.85 | (-4.57) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.53 | (-4.70) | -12.20 k | -36.26 | (-6.51) | 12.05 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.60 | (-14.60) | -13.15 k | -34.47 | (-14.47) | 13.00 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW        | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz        | 37.53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-0.89)        | -100.0    | 33.85        | (-4.57)        | 0.0            |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -35.53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-4.70)        | -12.20 k  | -36.26       | (-6.51)        | 12.05 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -34.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-14.60)       | -13.15 k  | -34.47       | (-14.47)       | 13.00 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><div>RL</div><div>RF</div><div>IF</div><div>SD</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:19:02 PM Mar 01, 2021</div></div></div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 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>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div><div></div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>39.35 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>26.65</td><td>(-11.77)</td><td>-350.0</td><td>28.43</td><td>(-9.99)</td><td>250.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.24</td><td>(-3.22)</td><td>-12.50 k</td><td>-32.82</td><td>(-1.26)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.45</td><td>(-13.45)</td><td>-13.05 k</td><td>-34.51</td><td>(-14.51)</td><td>13.35 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>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div> <div><div>Frequency</div><div>Center Freq</div><div>400.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 26.65 | (-11.77) | -350.0 | 28.43 | (-9.99) | 250.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.24 | (-3.22) | -12.50 k | -32.82 | (-1.26) | 12.30 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -33.45 | (-13.45) | -13.05 k | -34.51 | (-14.51) | 13.35 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        | 26.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-11.77)       | -350.0    | 28.43        | (-9.99)        | 250.0          |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -36.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-3.22)        | -12.50 k  | -32.82       | (-1.26)        | 12.30 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -33.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-13.45)       | -13.05 k  | -34.51       | (-14.51)       | 13.35 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       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

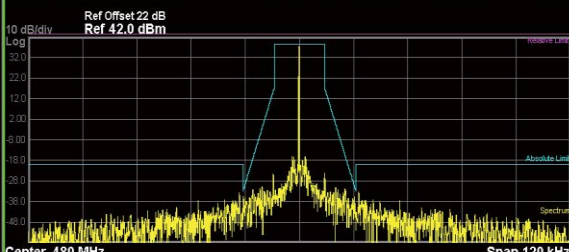
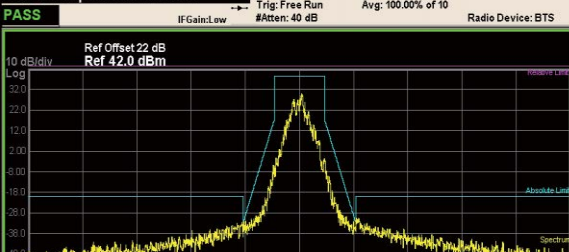
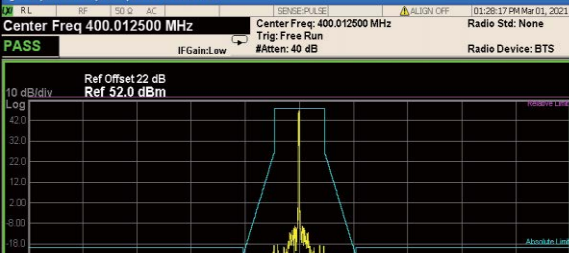
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |           |          |                |                |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|--------------|----------------|----------------|-----------|--------|-----------|----------|-------|----------|--------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|--|
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:29:36 AM Mar 03, 2021</div></div></div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>38.00 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>37.44</td><td>(-0.99)</td><td>-50.00</td><td>37.41</td><td>(-1.02)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.91</td><td>(-6.26)</td><td>-12.45 k</td><td>-40.19</td><td>(-7.90)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.19</td><td>(-16.19)</td><td>-14.20 k</td><td>-35.64</td><td>(-15.64)</td><td>14.15 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><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>405.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>   | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.44 | (-0.99)  | -50.00 | 37.41 | (-1.02) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.91 | (-6.26) | -12.45 k | -40.19 | (-7.90) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -36.19 | (-16.19) | -14.20 k | -35.64 | (-15.64) | 14.15 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  | 37.44    | (-0.99)        | -50.00         | 37.41        | (-1.02)        | 0.0            |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-6.26)    | -12.45 k  | -40.19   | (-7.90)        | 12.40 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -36.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-16.19)   | -14.20 k  | -35.64   | (-15.64)       | 14.15 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:30:19 AM Mar 03, 2021</div></div></div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>40.22 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>26.93</td><td>(-11.50)</td><td>-350.0</td><td>30.98</td><td>(-7.45)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.73</td><td>(-0.44)</td><td>-12.40 k</td><td>-34.14</td><td>(-2.58)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.16</td><td>(-14.16)</td><td>-12.60 k</td><td>-32.92</td><td>(-12.92)</td><td>13.80 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><div>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>405.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>       | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 26.93 | (-11.50) | -350.0 | 30.98 | (-7.45) | 700.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -32.73 | (-0.44) | -12.40 k | -34.14 | (-2.58) | 12.30 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.16 | (-14.16) | -12.60 k | -32.92 | (-12.92) | 13.80 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  | 26.93    | (-11.50)       | -350.0         | 30.98        | (-7.45)        | 700.0          |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -32.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-0.44)    | -12.40 k  | -34.14   | (-2.58)        | 12.30 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-14.16)   | -12.60 k  | -32.92   | (-12.92)       | 13.80 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-DNL         | 4FSK            | CH <sub>M2</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:36:47 AM Mar 03, 2021</div></div></div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.37 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>37.41</td><td>(-0.98)</td><td>-50.00</td><td>36.39</td><td>(-2.00)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.82</td><td>(-8.13)</td><td>-11.90 k</td><td>-36.23</td><td>(-8.27)</td><td>11.80 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.34</td><td>(-16.34)</td><td>-16.05 k</td><td>-36.80</td><td>(-16.80)</td><td>15.10 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><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>406.112500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.41 | (-0.98)  | -50.00 | 36.39 | (-2.00) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.82 | (-8.13) | -11.90 k | -36.23 | (-8.27) | 11.80 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -36.34 | (-16.34) | -16.05 k | -36.80 | (-16.80) | 15.10 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  | 37.41    | (-0.98)        | -50.00         | 36.39        | (-2.00)        | 0.0            |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -36.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-8.13)    | -11.90 k  | -36.23   | (-8.27)        | 11.80 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -36.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-16.34)   | -16.05 k  | -36.80   | (-16.80)       | 15.10 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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|       |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
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| TX-DNL         | 4FSK            | CH <sub>M2</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:35:25 AM Mar 01, 2021</div></div></div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>40.72 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>27.23</td><td>(-11.15)</td><td>-200.0</td><td>31.41</td><td>(-6.98)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-33.76</td><td>(-3.98)</td><td>-12.05 k</td><td>-32.99</td><td>(-1.76)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.28</td><td>(-14.28)</td><td>-12.60 k</td><td>-34.20</td><td>(-14.20)</td><td>13.00 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>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>406.112500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 27.23 | (-11.15) | -200.0 | 31.41 | (-6.98) | 550.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -33.76 | (-3.98) | -12.05 k | -32.99 | (-1.76) | 12.25 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.28 | (-14.28) | -12.60 k | -34.20 | (-14.20) | 13.00 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>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:13:10 PM Mar 01, 2021</div></div></div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>36.89 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>36.98</td><td>(-1.29)</td><td>-50.00</td><td>36.08</td><td>(-2.19)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.29</td><td>(-6.13)</td><td>-12.50 k</td><td>-39.19</td><td>(-6.76)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.37</td><td>(-15.37)</td><td>-15.20 k</td><td>-35.27</td><td>(-15.27)</td><td>15.10 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><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 36.98 | (-1.29) | -50.00 | 36.08 | (-2.19) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -39.29 | (-6.13) | -12.50 k | -39.19 | (-6.76) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -35.37 | (-15.37) | -15.20 k | -35.27 | (-15.27) | 15.10 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>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:13:57 PM Mar 01, 2021</div></div></div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>-8.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div><div>-48.0</div></div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>40.37 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>27.40</td><td>(-10.87)</td><td>-250.0</td><td>27.84</td><td>(-10.43)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.50</td><td>(-4.43)</td><td>-12.35 k</td><td>-37.84</td><td>(-5.04)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.06</td><td>(-12.06)</td><td>-14.00 k</td><td>-35.14</td><td>(-15.14)</td><td>16.10 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><div>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 27.40 | (-10.87) | -250.0 | 27.84 | (-10.43) | 650.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.50 | (-4.43) | -12.35 k | -37.84 | (-5.04) | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -32.06 | (-12.06) | -14.00 k | -35.14 | (-15.14) | 16.10 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)      |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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|       |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.625 kHz      | 100.0 Hz  | 27.23        | (-11.15)       | -200.0         | 31.41        | (-6.98)        | 550.0          |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -33.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-3.98)        | -12.05 k  | -32.99       | (-1.76)        | 12.25 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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|       |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-14.28)       | -12.60 k  | -34.20       | (-14.20)       | 13.00 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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| 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         | 36.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-1.29)        | -50.00    | 36.08        | (-2.19)        | 0.0            |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -39.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-6.13)        | -12.50 k  | -39.19       | (-6.76)        | 12.40 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -35.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-15.37)       | -15.20 k  | -35.27       | (-15.27)       | 15.10 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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| 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         | 27.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-10.87)       | -250.0    | 27.84        | (-10.43)       | 650.0          |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -36.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-4.43)        | -12.35 k  | -37.84       | (-5.04)        | 12.45 k        |              |                |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |      |                  |                                                                                                                           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|       |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -32.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-12.06)       | -14.00 k  | -35.14       | (-15.14)       | 16.10 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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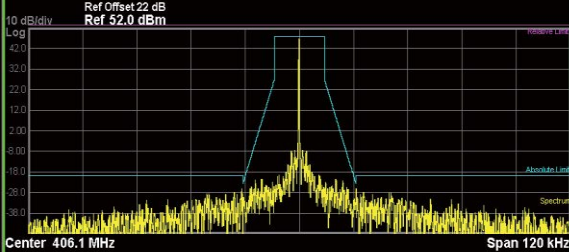
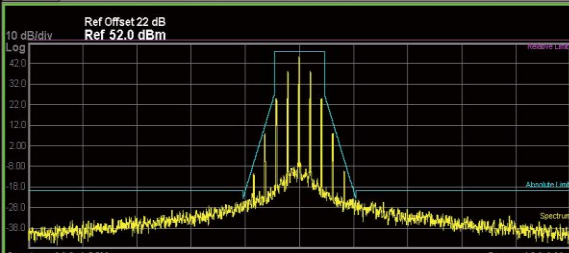
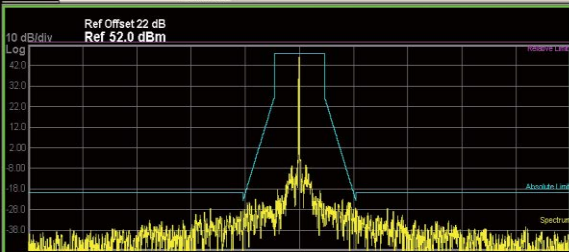
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
|----------------|-----------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|--------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|----------|----------|-------|----------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-------------------------------|--------------------------------------|---------------------|
| TX-DNL         | 4FSK            | CH <sub>H</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:24:01 AM Mar 01, 2021</div></div><div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div><div></div><div><div>Center 480 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 37.40 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>37.49</td><td>(-0.91)</td><td>-50.00</td><td>36.99</td><td>(-1.41)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.57</td><td>(-3.26)</td><td>-12.40 k</td><td>-35.77</td><td>(-4.18)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.57</td><td>(-13.57)</td><td>-13.25 k</td><td>-33.44</td><td>(-13.44)</td><td>13.15 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div><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 | 37.49 | (-0.91)  | -50.00   | 36.99 | (-1.41)  | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.57 | (-3.26) | -12.40 k | -35.77 | (-4.18) | 12.30 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -33.57 | (-13.57) | -13.25 k | -33.44 | (-13.44) | 13.15 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 | — | (—) | — | — | (—) | — | Frequency | Center Freq<br>479.987500 MHz | CF Step<br>12.000 kHz<br>Auto<br>Man | Freq Offset<br>0 Hz |
|                |                 |                 | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Stop Freq | Integ BW | dBm    | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
|                |                 |                 | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.625 kHz | 100.0 Hz | 37.49  | (-0.91)        | -50.00    | 36.99        | (-1.41)        | 0.0            |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -35.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-3.26)   | -12.40 k | -35.77 | (-4.18)        | 12.30 k   |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -33.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-13.57)  | -13.25 k | -33.44 | (-13.44)       | 13.15 k   |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| TX-DNL         | 4FSK            | CH <sub>H</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>11:24:49 AM Mar 01, 2021</div></div><div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div><div></div><div><div>Center 480 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 40.06 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>27.22</td><td>(-11.18)</td><td>-1.150 k</td><td>30.06</td><td>(-8.34)</td><td>550.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.23</td><td>(-0.65)</td><td>-12.30 k</td><td>-34.91</td><td>(-2.60)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-32.80</td><td>(-12.80)</td><td>-12.65 k</td><td>-30.44</td><td>(-10.44)</td><td>12.70 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>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 | 27.22 | (-11.18) | -1.150 k | 30.06 | (-8.34)  | 550.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -32.23 | (-0.65) | -12.30 k | -34.91 | (-2.60) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -32.80 | (-12.80) | -12.65 k | -30.44 | (-10.44) | 12.70 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 | — | (—) | — | — | (—) | — | Frequency | Center Freq<br>479.987500 MHz | CF Step<br>12.000 kHz<br>Auto<br>Man | Freq Offset<br>0 Hz |
|                |                 |                 | 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  | (-11.18)       | -1.150 k  | 30.06        | (-8.34)        | 550.0          |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -32.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-0.65)   | -12.30 k | -34.91 | (-2.60)        | 12.40 k   |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -32.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-12.80)  | -12.65 k | -30.44 | (-10.44)       | 12.70 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>L</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:28:17 PM Mar 01, 2021</div></div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 46.64 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>46.64</td><td>(-1.00)</td><td>-100.0</td><td>35.31</td><td>(-12.33)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-31.40</td><td>(-9.06)</td><td>-12.30 k</td><td>-33.22</td><td>(-9.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.34</td><td>(-5.34)</td><td>-12.55 k</td><td>-26.97</td><td>(-6.97)</td><td>14.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div><div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</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 | 46.64 | (-1.00)  | -100.0   | 35.31 | (-12.33) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -31.40 | (-9.06) | -12.30 k | -33.22 | (-9.43) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -25.34 | (-5.34)  | -12.55 k | -26.97 | (-6.97)  | 14.05 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | Frequency | Center Freq<br>400.012500 MHz | CF Step<br>12.000 kHz<br>Auto<br>Man | Freq Offset<br>0 Hz |
|                |                 |                 | 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 | 46.64  | (-1.00)        | -100.0    | 35.31        | (-12.33)       | 0.0            |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -31.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-9.06)   | -12.30 k | -33.22 | (-9.43)        | 12.50 k   |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -25.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-5.34)   | -12.55 k | -26.97 | (-6.97)        | 14.05 k   |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |          |          |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |                               |                                      |                     |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |           |          |                |                |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|--------------|----------------|----------------|-----------|--------|-----------|----------|-------|---------|--------|-------|---------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|--|
| TX-ANH         | FM              | CH <sub>L</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>FSO Q</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>01:29:36 PM Mar 01, 2021</div></div></div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>40.0</div><div>32.0</div><div>24.0</div><div>16.0</div><div>8.00</div><div>0.00</div><div>-8.00</div><div>-16.0</div><div>-24.0</div><div>-32.0</div><div>-40.0</div></div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>46.80 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>45.16</td><td>(-2.48)</td><td>-100.0</td><td>38.21</td><td>(-9.43)</td><td>2.400 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.42</td><td>(-1.63)</td><td>-12.50 k</td><td>-24.87</td><td>(-2.90)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.03</td><td>(-4.03)</td><td>-12.60 k</td><td>-25.34</td><td>(-5.34)</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><div>MSO File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>400.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>    | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 45.16 | (-2.48) | -100.0 | 38.21 | (-9.43) | 2.400 k | 5.625 kHz | 12.50 kHz | 100.0 Hz | -25.42 | (-1.63) | -12.50 k | -24.87 | (-2.90) | 12.25 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -24.03 | (-4.03) | -12.60 k | -25.34 | (-5.34) | 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  | 45.16    | (-2.48)        | -100.0         | 38.21        | (-9.43)        | 2.400 k        |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -25.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-1.63)    | -12.50 k  | -24.87   | (-2.90)        | 12.25 k        |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -24.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-4.03)    | -12.60 k  | -25.34   | (-5.34)        | 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-ANH         | FM              | CH <sub>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>FSO Q</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>03:26:17 PM Feb 26, 2021</div></div></div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>40.0</div><div>32.0</div><div>24.0</div><div>16.0</div><div>8.00</div><div>0.00</div><div>-8.00</div><div>-16.0</div><div>-24.0</div><div>-32.0</div><div>-40.0</div></div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>47.00 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>47.04</td><td>(-9.98)</td><td>-50.00</td><td>46.61</td><td>(-1.41)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.88</td><td>(-3.82)</td><td>-12.45 k</td><td>-26.93</td><td>(-4.60)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.48</td><td>(-5.48)</td><td>-15.65 k</td><td>-25.50</td><td>(-5.50)</td><td>15.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div><div>MSO File &lt;MASK D state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>405.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 47.04 | (-9.98) | -50.00 | 46.61 | (-1.41) | 0.0     | 5.625 kHz | 12.50 kHz | 100.0 Hz | -26.88 | (-3.82) | -12.45 k | -26.93 | (-4.60) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -25.48 | (-5.48) | -15.65 k | -25.50 | (-5.50) | 15.55 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  | 47.04    | (-9.98)        | -50.00         | 46.61        | (-1.41)        | 0.0            |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -26.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-3.82)    | -12.45 k  | -26.93   | (-4.60)        | 12.35 k        |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -25.48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-5.48)    | -15.65 k  | -25.50   | (-5.50)        | 15.55 k        |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>FSO Q</div><div>AC</div></div><div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>03:26:39 PM Feb 26, 2021</div></div></div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div>40.0</div><div>32.0</div><div>24.0</div><div>16.0</div><div>8.00</div><div>0.00</div><div>-8.00</div><div>-16.0</div><div>-24.0</div><div>-32.0</div><div>-40.0</div></div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>47.49 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>45.50</td><td>(-2.52)</td><td>-50.00</td><td>45.39</td><td>(-2.63)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-26.89</td><td>(-3.47)</td><td>-12.50 k</td><td>-24.35</td><td>(-0.93)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-24.30</td><td>(-4.30)</td><td>-13.05 k</td><td>-22.76</td><td>(-2.76)</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><div>MSO File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>405.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>        | Start Freq | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz)    | < Peak > dBm   | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 45.50 | (-2.52) | -50.00 | 45.39 | (-2.63) | 0.0     | 5.625 kHz | 12.50 kHz | 100.0 Hz | -26.89 | (-3.47) | -12.50 k | -24.35 | (-0.93) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -24.30 | (-4.30) | -13.05 k | -22.76 | (-2.76) | 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  | 45.50    | (-2.52)        | -50.00         | 45.39        | (-2.63)        | 0.0            |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -26.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-3.47)    | -12.50 k  | -24.35   | (-0.93)        | 12.50 k        |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -24.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-4.30)    | -13.05 k  | -22.76   | (-2.76)        | 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |         |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |  |

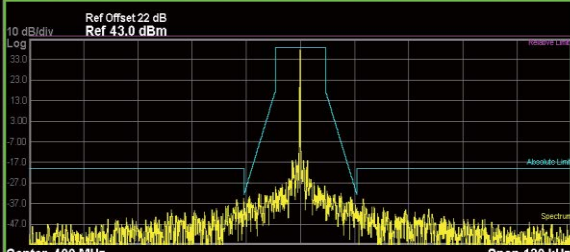
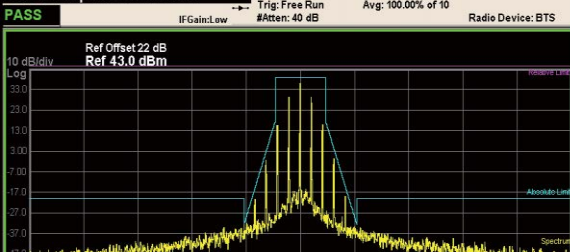
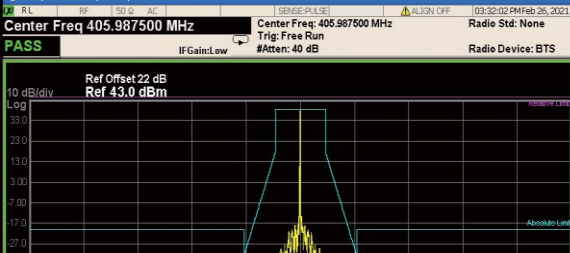
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |           |          |                |                |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|--------------|----------------|----------------|-----------|--------|-----------|----------|-------|---------|--------|-------|---------|-----|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div></div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 46.70 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>46.73</td><td>(-1.06)</td><td>-50.00</td><td>45.46</td><td>(-2.33)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-30.54</td><td>(-8.71)</td><td>-12.25 k</td><td>-33.08</td><td>(-9.43)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-26.33</td><td>(-6.33)</td><td>-12.70 k</td><td>-26.29</td><td>(-6.29)</td><td>12.60 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div> <div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</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 | 46.73 | (-1.06) | -50.00 | 45.46 | (-2.33) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -30.54 | (-8.71) | -12.25 k | -33.08 | (-9.43) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -26.33 | (-6.33) | -12.70 k | -26.29 | (-6.29) | 12.60 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.625 kHz  | 100.0 Hz  | 46.73    | (-1.06)        | -50.00         | 45.46        | (-2.33)        | 0.0            |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -30.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-8.71)    | -12.25 k  | -33.08   | (-9.43)        | 12.50 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -26.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-6.33)    | -12.70 k  | -26.29   | (-6.29)        | 12.60 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div></div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 46.71 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>45.18</td><td>(2.61)</td><td>-50.00</td><td>44.61</td><td>(-3.18)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-25.37</td><td>(-3.90)</td><td>-12.20 k</td><td>-24.76</td><td>(-1.11)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-25.09</td><td>(-5.09)</td><td>-12.50 k</td><td>-24.26</td><td>(-4.26)</td><td>13.15 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div> <div><div>File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</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 | 45.18 | (2.61)  | -50.00 | 44.61 | (-3.18) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -25.37 | (-3.90) | -12.20 k | -24.76 | (-1.11) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -25.09 | (-5.09) | -12.50 k | -24.26 | (-4.26) | 13.15 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.625 kHz  | 100.0 Hz  | 45.18    | (2.61)         | -50.00         | 44.61        | (-3.18)        | 0.0            |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -25.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-3.90)    | -12.20 k  | -24.76   | (-1.11)        | 12.50 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -25.09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-5.09)    | -12.50 k  | -24.26   | (-4.26)        | 13.15 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| TX-ANH         | FM              | CH <sub>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div><div></div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 46.13 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>46.13</td><td>(-1.55)</td><td>-50.00</td><td>44.94</td><td>(-2.74)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-28.74</td><td>(-4.99)</td><td>-12.50 k</td><td>-27.14</td><td>(-3.75)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-27.49</td><td>(-7.49)</td><td>-19.65 k</td><td>-27.47</td><td>(-7.47)</td><td>19.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div> <div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</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 | 46.13 | (-1.55) | -50.00 | 44.94 | (-2.74) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -28.74 | (-4.99) | -12.50 k | -27.14 | (-3.75) | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -27.49 | (-7.49) | -19.65 k | -27.47 | (-7.47) | 19.55 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>443.012500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stop Freq  | Integ BW  | dBm      | Lower ΔLim(dB) | Freq (Hz)      | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.625 kHz  | 100.0 Hz  | 46.13    | (-1.55)        | -50.00         | 44.94        | (-2.74)        | 0.0            |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -28.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-4.99)    | -12.50 k  | -27.14   | (-3.75)        | 12.45 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -27.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (-7.49)    | -19.65 k  | -27.47   | (-7.47)        | 19.55 k        |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (—)        | —         | —        | (—)            | —              |              |                |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |         |          |        |         |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                                   |

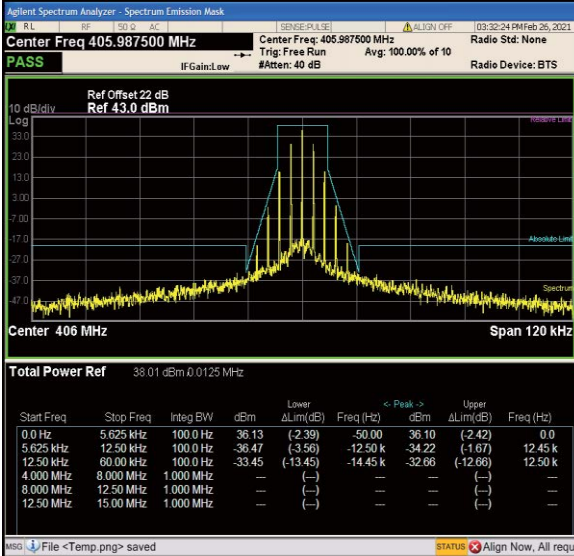
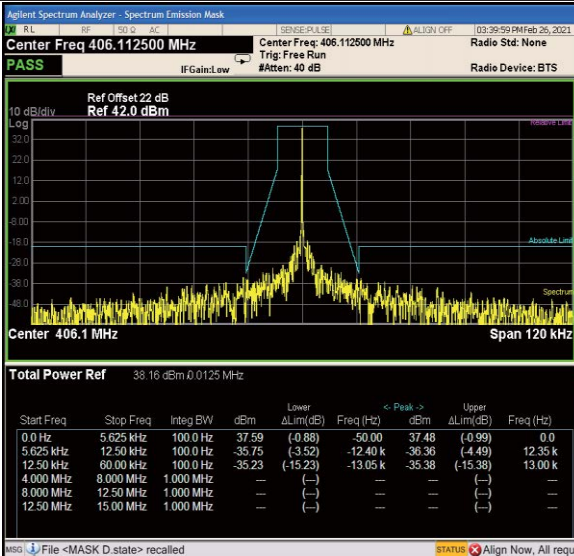
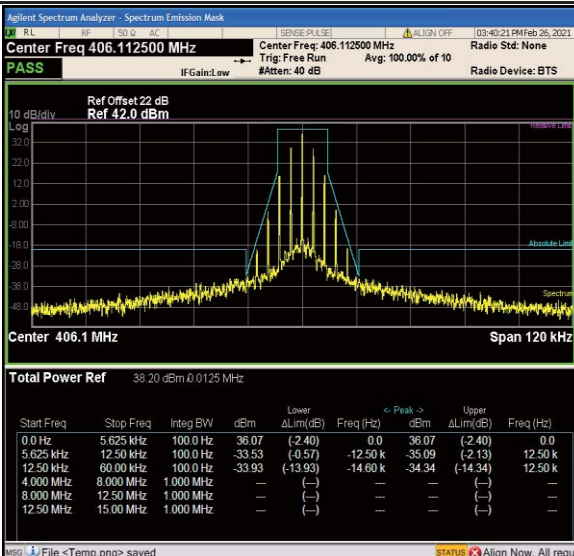
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| TX-ANH         | FM              | CH <sub>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>IF</div><div>SD</div><div>AC</div></div><div><div>SENSE:PLA:SE</div><div>ALIGN OFF</div><div>03:43:30 PM Feb 25, 2021</div></div></div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 52.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div><div><div>42.0</div><div>32.0</div><div>22.0</div><div>12.0</div><div>2.00</div><div>0.00</div><div>-18.0</div><div>-28.0</div><div>-38.0</div></div><div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 MHz</div><div>443.012500 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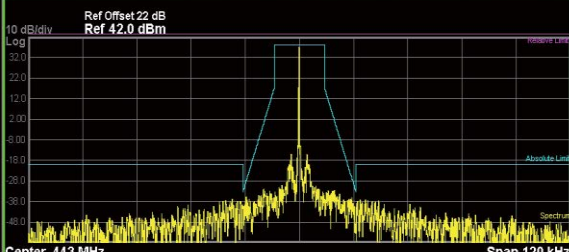
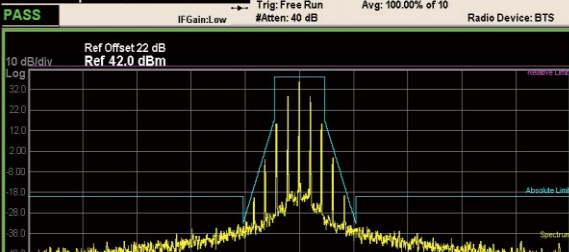
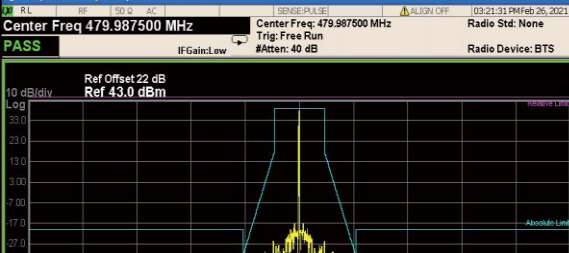
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|--------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|---------|--------|-------|---------|-----|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|
| TX-ANL         | FM              | CH <sub>L</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 43.0 dBm</div></div><div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>38.23 dBm @ 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.62</td><td>(-1.06)</td><td>-50.00</td><td>37.40</td><td>(-1.29)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.50</td><td>(-6.11)</td><td>-12.45 k</td><td>-37.58</td><td>(-5.92)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.59</td><td>(-14.59)</td><td>-12.55 k</td><td>-34.91</td><td>(-14.91)</td><td>13.95 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>MSO File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div>                      |           |          |        | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.62 | (-1.06) | -50.00 | 37.40 | (-1.29) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.50 | (-6.11) | -12.45 k | -37.58 | (-5.92) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.59 | (-14.59) | -12.55 k | -34.91 | (-14.91) | 13.95 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 | — | (—) | — | — | (—) | — | Frequency |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Stop Freq | Integ BW | dBm    | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.625 kHz | 100.0 Hz | 37.62  | (-1.06)        | -50.00    | 37.40        | (-1.29)        | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-6.11)   | -12.45 k | -37.58 | (-5.92)        | 12.35 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-14.59)  | -12.55 k | -34.91 | (-14.91)       | 13.95 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Center Freq    | 400.012500 MHz  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| CF Step        | 12.000 kHz      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Freq Offset    | 0 Hz            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| TX-ANL         | FM              | CH <sub>L</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 43.0 dBm</div></div><div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>38.22 dBm @ 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.11</td><td>(2.57)</td><td>-50.00</td><td>36.10</td><td>(2.58)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-32.86</td><td>(-0.11)</td><td>-12.50 k</td><td>-35.76</td><td>(-3.01)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.10</td><td>(-14.10)</td><td>-16.90 k</td><td>-34.07</td><td>(-14.07)</td><td>13.30 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>MSO File &lt;Temp.png&gt; saved</div><div>STATUS Align Now, All required</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 | 36.11 | (2.57)  | -50.00 | 36.10 | (2.58)  | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -32.86 | (-0.11) | -12.50 k | -35.76 | (-3.01) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.10 | (-14.10) | -16.90 k | -34.07 | (-14.07) | 13.30 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 | — | (—) | — | — | (—) | — | Frequency |
|                |                 |                  | 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 | 36.11  | (2.57)         | -50.00    | 36.10        | (2.58)         | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -32.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-0.11)   | -12.50 k | -35.76 | (-3.01)        | 12.50 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-14.10)  | -16.90 k | -34.07 | (-14.07)       | 13.30 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Center Freq    | 400.012500 MHz  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| CF Step        | 12.000 kHz      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Freq Offset    | 0 Hz            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| TX-ANL         | FM              | CH <sub>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 43.0 dBm</div></div><div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>38.20 dBm @ 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.64</td><td>(-0.89)</td><td>0.0</td><td>37.64</td><td>(-0.89)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.22</td><td>(-6.04)</td><td>-12.40 k</td><td>-38.64</td><td>(-6.82)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.75</td><td>(-17.75)</td><td>-13.85 k</td><td>-37.63</td><td>(-17.63)</td><td>15.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSO File &lt;MASK D.state&gt; recalled</div><div>STATUS Align Now, All required</div></div></div>                       |           |          |        | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.64 | (-0.89) | 0.0    | 37.64 | (-0.89) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.22 | (-6.04) | -12.40 k | -38.64 | (-6.82) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.75 | (-17.75) | -13.85 k | -37.63 | (-17.63) | 15.05 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | Frequency |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Stop Freq | Integ BW | dBm    | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.625 kHz | 100.0 Hz | 37.64  | (-0.89)        | 0.0       | 37.64        | (-0.89)        | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-6.04)   | -12.40 k | -38.64 | (-6.82)        | 12.35 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-17.75)  | -13.85 k | -37.63 | (-17.63)       | 15.05 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Center Freq    | 405.987500 MHz  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| CF Step        | 12.000 kHz      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |
| Freq Offset    | 0 Hz            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                     |                                                                                                                                           |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANL         | FM              | CH <sub>M1</sub> |    | <div>Frequency</div> <div>Center Freq<br/>405.987500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
| TX-ANL         | FM              | CH <sub>M2</sub> |   | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
| TX-ANL         | FM              | CH <sub>M2</sub> |  | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Auto</div> <div>Freq Offset<br/>0 Hz</div> |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |
|                |                 |                  |                                                                                      |                                                                                                                                           |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|--------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|---------|--------|-------|---------|-----|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-ANL         | FM              | CH <sub>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>03:45:51 PM Feb 26, 2021</div></div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.65 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.07</td><td>(-1.13)</td><td>-50.00</td><td>36.87</td><td>(-1.33)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.73</td><td>(-7.95)</td><td>-11.75 k</td><td>-40.22</td><td>(-8.81)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.04</td><td>(-17.04)</td><td>-14.80 k</td><td>-37.39</td><td>(-17.39)</td><td>14.70 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>MSO</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</div><div>Align Now, All required</div></div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                 |           |          |        | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.07 | (-1.13) | -50.00 | 36.87 | (-1.33) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.73 | (-7.95) | -11.75 k | -40.22 | (-8.81) | 12.25 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.04 | (-17.04) | -14.80 k | -37.39 | (-17.39) | 14.70 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Stop Freq | Integ BW | dBm    | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.625 kHz | 100.0 Hz | 37.07  | (-1.13)        | -50.00    | 36.87        | (-1.33)        | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-7.95)   | -11.75 k | -40.22 | (-8.81)        | 12.25 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-17.04)  | -14.80 k | -37.39 | (-17.39)       | 14.70 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANL         | FM              | CH <sub>M3</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>03:47:13 PM Feb 26, 2021</div></div><div><div>Center Freq 443.012500 MHz</div><div>Center Freq: 443.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 42.0 dBm</div></div><div></div><div><div>Center 443 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.60 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>35.59</td><td>(2.62)</td><td>0.0</td><td>35.59</td><td>(2.62)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.34</td><td>(2.56)</td><td>-12.30 k</td><td>-35.69</td><td>(3.19)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.68</td><td>(-13.68)</td><td>-13.55 k</td><td>-34.90</td><td>(-14.90)</td><td>15.10 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></tbody></table><div><div>MSO</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</div><div>Align Now, All required</div></div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>443.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> |           |          |        | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 35.59 | (2.62)  | 0.0    | 35.59 | (2.62)  | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.34 | (2.56)  | -12.30 k | -35.69 | (3.19)  | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -33.68 | (-13.68) | -13.55 k | -34.90 | (-14.90) | 15.10 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 | 35.59  | (2.62)         | 0.0       | 35.59        | (2.62)         | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -34.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (2.56)    | -12.30 k | -35.69 | (3.19)         | 12.40 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -33.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-13.68)  | -13.55 k | -34.90 | (-14.90)       | 15.10 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-ANL         | FM              | CH <sub>H</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>AC</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>03:21:31 PM Feb 26, 2021</div></div><div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 43.0 dBm</div></div><div></div><div><div>Center 480 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.73 dBm 0.0125 MHz</div></div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>37.64</td><td>(-0.96)</td><td>-50.00</td><td>35.28</td><td>(-3.32)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.57</td><td>(-6.45)</td><td>-11.85 k</td><td>-34.68</td><td>(-7.66)</td><td>11.70 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-36.39</td><td>(-16.39)</td><td>-13.15 k</td><td>-35.66</td><td>(-15.66)</td><td>13.05 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table><div><div>MSO</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</div><div>Align Now, All required</div></div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>479.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>               |           |          |        | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 37.64 | (-0.96) | -50.00 | 35.28 | (-3.32) | 0.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.57 | (-6.45) | -11.85 k | -34.68 | (-7.66) | 11.70 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -36.39 | (-16.39) | -13.15 k | -35.66 | (-15.66) | 13.05 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
|                |                 |                  | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Stop Freq | Integ BW | dBm    | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|                |                 |                  | 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.625 kHz | 100.0 Hz | 37.64  | (-0.96)        | -50.00    | 35.28        | (-3.32)        | 0.0            |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -34.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-6.45)   | -11.85 k | -34.68 | (-7.66)        | 11.70 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -36.39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-16.39)  | -13.15 k | -35.66 | (-15.66)       | 13.05 k   |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |        |       |         |     |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

### Appendix C:Emission Mask

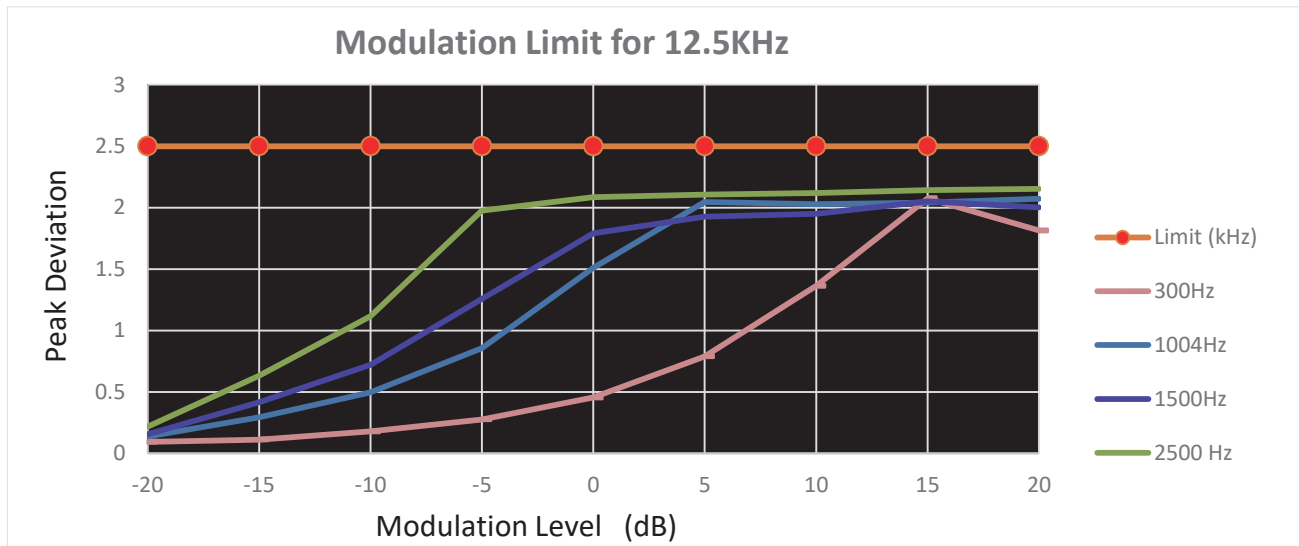
| Operation Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|--------|-----------|----------|-------|---------|--------|-------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|-----------|-----------|-----------|---|-----|---|-----|---|-----------|-----------|-----------|---|-----|---|-----|---|-----------|-----------|-----------|---|-----|---|-----|---|
| TX-ANL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FM              | CH <sub>H</sub> | <div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div> <div><div>RF Lim: 10.00 dBc</div><div>SENSE: P1.3E1</div><div>ALIGN: OFF</div><div>10:21:53 PM Feb 26, 2021</div></div> <div><div>Center Freq 479.987500 MHz</div><div>Center Freq: 479.987500 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>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div> <div><div>Ref Offset 22 dB</div><div>Ref 43.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div><div>33.0</div><div>23.0</div><div>13.0</div><div>3.00</div><div>-7.00</div><div>-17.0</div><div>-27.0</div><div>-37.0</div><div>-47.0</div></div><div><div>Relative Limit</div><div>Absolute Limit</div><div>Spectrum</div></div></div><div><div>Center 480 MHz</div><div>Span 120 kHz</div></div></div> |                |                | Frequency      |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                 | Center Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                 | 479.987500 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| CF Step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 12.000 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| Man                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| Freq Offset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                |                |                 |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| <div>Total Power Ref 37.76 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>Peak Freq (Hz)</th><th>Upper ΔLim(dB)</th><th>Upper Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>36.19</td><td>(-2.40)</td><td>-50.00</td><td>34.58</td><td>(-4.02)</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.25</td><td>(-1.41)</td><td>-12.50 k</td><td>-34.87</td><td>(-2.39)</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.21</td><td>(-13.21)</td><td>-12.50 k</td><td>-34.20</td><td>(-14.20)</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></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></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></tr></tbody></table> <div><div>File &lt;Temp.png&gt; saved</div><div>STATUS <span>Align Now, All required</span></div></div> |                 |                 | Start Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Stop Freq      | Integ BW       | dBm            | Lower ΔLim(dB)  | Peak Freq (Hz) | Upper ΔLim(dB) | Upper Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 36.19 | (-2.40) | -50.00 | 34.58 | (-4.02) | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.25 | (-1.41) | -12.50 k | -34.87 | (-2.39) | 12.50 kHz | 60.00 kHz | 100.0 Hz | -33.21 | (-13.21) | -12.50 k | -34.20 | (-14.20) | 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) | Peak Freq (Hz) | Upper ΔLim(dB) | Upper Freq (Hz) |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 0.0 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.625 kHz       | 100.0 Hz        | 36.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-2.40)        | -50.00         | 34.58          | (-4.02)         |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 5.625 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12.50 kHz       | 100.0 Hz        | -34.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-1.41)        | -12.50 k       | -34.87         | (-2.39)         |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 12.50 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60.00 kHz       | 100.0 Hz        | -33.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-13.21)       | -12.50 k       | -34.20         | (-14.20)        |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 4.000 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.000 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (—)            | —              | (—)            | —               |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 8.000 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12.50 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (—)            | —              | (—)            | —               |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |
| 12.50 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15.00 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (—)            | —              | (—)            | —               |                |                |                 |        |           |          |       |         |        |       |         |           |           |          |        |         |          |        |         |           |           |          |        |          |          |        |          |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |           |           |           |   |     |   |     |   |

### Appendix D:Modulation Limit

| Operation Mode | Modulation Type | Test Channel     | Modulation Level (dB) | Peak frequency deviation (kHz) |        |        |         | Limit (kHz) | Result |
|----------------|-----------------|------------------|-----------------------|--------------------------------|--------|--------|---------|-------------|--------|
|                |                 |                  |                       | 300Hz                          | 1004Hz | 1500Hz | 2500 Hz |             |        |
| TX-ANH         | FM              | CH <sub>M2</sub> | -20                   | 0.095                          | 0.139  | 0.157  | 0.220   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -15                   | 0.113                          | 0.295  | 0.416  | 0.632   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -10                   | 0.179                          | 0.497  | 0.721  | 1.116   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -5                    | 0.277                          | 0.858  | 1.258  | 1.975   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 0                     | 0.455                          | 1.509  | 1.791  | 2.085   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5                     | 0.790                          | 2.045  | 1.927  | 2.105   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 10                    | 1.364                          | 2.027  | 1.950  | 2.120   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 15                    | 2.075                          | 2.040  | 2.052  | 2.142   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 20                    | 1.814                          | 2.073  | 2.003  | 2.152   | 2.5         | PASS   |

## Appendix D:Modulation Limit

### TEST PLOT RESULT

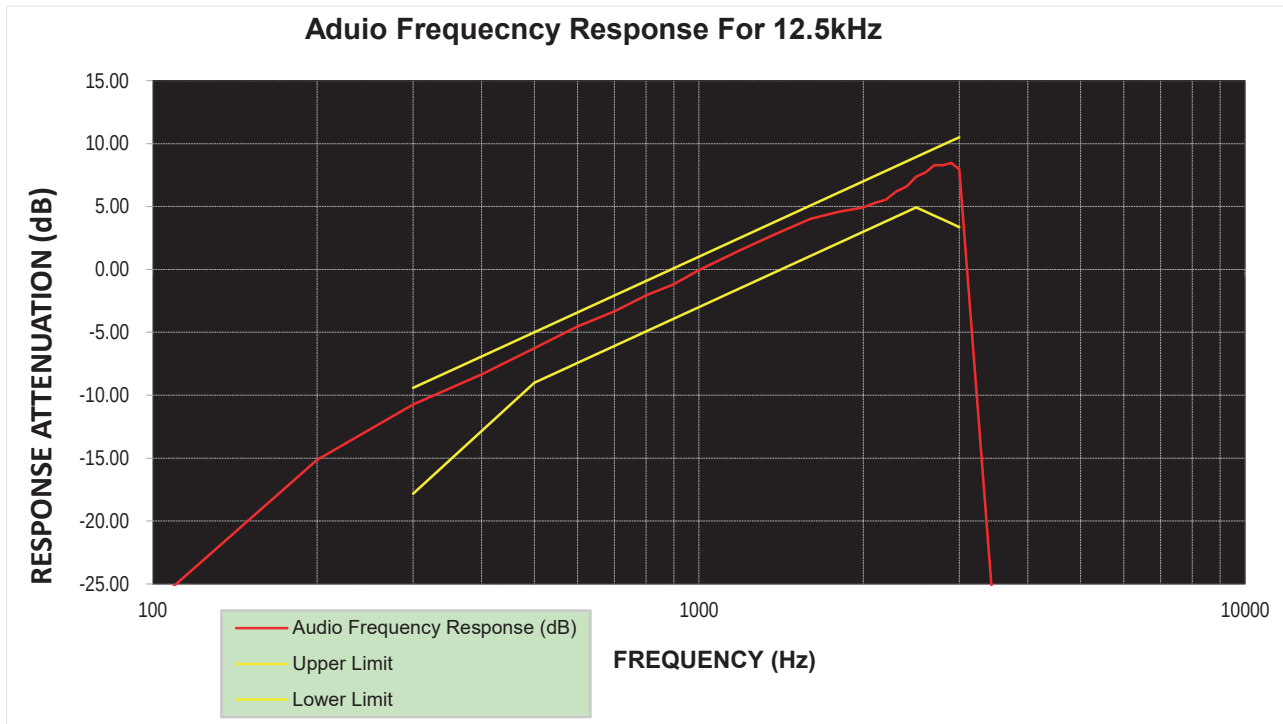


## Appendix E:Audio Frequency Response

| Operation Mode | Modulation Type | Test Channel     | Frequency (Hz) | Audio Frequency Response (dB) | Lower Limit | Upper Limit | Result |
|----------------|-----------------|------------------|----------------|-------------------------------|-------------|-------------|--------|
| TX-ANH         | FM              | CH <sub>M2</sub> | 100            | -26.65                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 200            | -15.15                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 300            | -10.74                        | -17.84      | -9.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 400            | -8.34                         | -12.86      | -6.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 500            | -6.27                         | -9.00       | -5.00       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 600            | -4.54                         | -7.42       | -3.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 700            | -3.35                         | -6.09       | -2.09       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 800            | -2.06                         | -4.93       | -0.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 900            | -1.18                         | -3.91       | 0.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1000           | -0.07                         | -3.00       | 1.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1200           | 1.59                          | -1.42       | 2.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1400           | 2.93                          | -0.09       | 3.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1600           | 4.00                          | 1.07        | 5.07        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1800           | 4.58                          | 2.09        | 6.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2000           | 4.93                          | 3.00        | 7.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2100           | 5.29                          | 3.42        | 7.42        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2200           | 5.54                          | 3.83        | 7.83        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2300           | 6.20                          | 4.21        | 8.21        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2400           | 6.59                          | 4.58        | 8.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2500           | 7.37                          | 4.93        | 8.93        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2600           | 7.70                          | 4.59        | 9.27        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2700           | 8.29                          | 4.27        | 9.60        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2800           | 8.28                          | 3.95        | 9.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2900           | 8.45                          | 3.65        | 10.22       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3000           | 7.94                          | 3.35        | 10.51       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3500           | -29.96                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4000           | -30.69                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4500           | -31.23                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5000           | -31.21                        |             |             | PASS   |

## Appendix E:Audio Frequency Response

### TEST PLOT RESULT



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

## Appendix F:Frequency Stability Test & Temperature

| Operation Mode | Modulation Type | Test Conditions |             | Frequency error (ppm) |                  |                  |                  |                 | Limit (ppm) | Result |
|----------------|-----------------|-----------------|-------------|-----------------------|------------------|------------------|------------------|-----------------|-------------|--------|
|                |                 | Voltage         | Temperature | CH <sub>L</sub>       | CH <sub>M1</sub> | CH <sub>M2</sub> | CH <sub>M3</sub> | CH <sub>H</sub> |             |        |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -30         | -0.251                | -0.173           | -0.217           | -0.198           | -0.195          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -20         | -0.243                | -0.178           | -0.212           | -0.197           | -0.195          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -10         | -0.265                | -0.174           | -0.215           | -0.200           | -0.192          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 0           | -0.255                | -0.175           | -0.226           | -0.188           | -0.189          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 10          | -0.244                | -0.167           | -0.221           | -0.194           | -0.197          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 20          | -0.242                | -0.163           | -0.207           | -0.185           | -0.179          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 30          | -0.263                | -0.168           | -0.207           | -0.196           | -0.191          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 40          | -0.258                | -0.173           | -0.221           | -0.185           | -0.182          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 50          | -0.251                | -0.173           | -0.215           | -0.197           | -0.191          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -30         | -0.259                | -0.186           | -0.219           | -0.199           | -0.188          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -20         | -0.261                | -0.182           | -0.216           | -0.210           | -0.195          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -10         | -0.274                | -0.170           | -0.224           | -0.213           | -0.187          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 0           | -0.260                | -0.186           | -0.213           | -0.208           | -0.202          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 10          | -0.264                | -0.185           | -0.222           | -0.206           | -0.196          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 20          | -0.257                | -0.170           | -0.212           | -0.194           | -0.186          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 30          | -0.259                | -0.181           | -0.215           | -0.212           | -0.199          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 40          | -0.280                | -0.177           | -0.218           | -0.210           | -0.191          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 50          | -0.262                | -0.185           | -0.229           | -0.204           | -0.193          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -30         | -0.135                | -0.056           | -0.094           | -0.086           | -0.121          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -20         | -0.129                | -0.057           | -0.093           | -0.091           | -0.133          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -10         | -0.136                | -0.055           | -0.087           | -0.088           | -0.133          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 0           | -0.131                | -0.053           | -0.088           | -0.091           | -0.121          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 10          | -0.129                | -0.056           | -0.094           | -0.089           | -0.130          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 20          | -0.127                | -0.052           | -0.086           | -0.086           | -0.121          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 30          | -0.136                | -0.053           | -0.089           | -0.090           | -0.124          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 40          | -0.130                | -0.055           | -0.094           | -0.092           | -0.129          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 50          | -0.137                | -0.056           | -0.092           | -0.086           | -0.132          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -30         | -0.093                | -0.023           | -0.040           | -0.039           | -0.144          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -20         | -0.087                | -0.024           | -0.038           | -0.037           | -0.140          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -10         | -0.091                | -0.024           | -0.038           | -0.037           | -0.137          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 0           | -0.093                | -0.023           | -0.037           | -0.037           | -0.146          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 10          | -0.090                | -0.024           | -0.039           | -0.038           | -0.143          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 20          | -0.087                | -0.022           | -0.037           | -0.036           | -0.135          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 30          | -0.089                | -0.023           | -0.040           | -0.037           | -0.147          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 40          | -0.090                | -0.023           | -0.040           | -0.038           | -0.144          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 50          | -0.088                | -0.022           | -0.039           | -0.037           | -0.147          | ±2.5        | PASS   |

### Appendix G:Frequency Stability Test & Voltage

| Operation Mode | Modulation Type | Test Conditions |                | Frequency error (ppm) |                  |                  |                  |                 | Limit (ppm) | Result |
|----------------|-----------------|-----------------|----------------|-----------------------|------------------|------------------|------------------|-----------------|-------------|--------|
|                |                 | Voltage         | Temperature    | CH <sub>L</sub>       | CH <sub>M1</sub> | CH <sub>M2</sub> | CH <sub>M3</sub> | CH <sub>H</sub> |             |        |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | T <sub>N</sub> | -0.242                | -0.163           | -0.207           | -0.185           | -0.179          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | -0.243                | -0.163           | -0.208           | -0.186           | -0.182          | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | -0.246                | -0.171           | -0.210           | -0.194           | -0.186          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | T <sub>N</sub> | -0.257                | -0.170           | -0.212           | -0.194           | -0.186          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | -0.258                | -0.171           | -0.213           | -0.197           | -0.186          | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | -0.259                | -0.176           | -0.225           | -0.197           | -0.190          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | T <sub>N</sub> | -0.127                | -0.052           | -0.086           | -0.086           | -0.121          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>L</sub>  | T <sub>N</sub> | -0.128                | -0.053           | -0.087           | -0.087           | -0.121          | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>H</sub>  | T <sub>N</sub> | -0.133                | -0.054           | -0.087           | -0.087           | -0.124          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | T <sub>N</sub> | -0.087                | -0.022           | -0.037           | -0.036           | -0.135          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>L</sub>  | T <sub>N</sub> | -0.089                | -0.022           | -0.037           | -0.037           | -0.137          | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>H</sub>  | T <sub>N</sub> | -0.089                | -0.023           | -0.037           | -0.038           | -0.140          | ±2.5        | PASS   |

# Appendix H:Transmitter Frequency Behavior

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |            |       |                |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|------------|-------|----------------|-----------|--|--|--|----|-------|------------|-------|-------------|---------|------------|-----|------------|--|--|--|--|--|------------|------------|-------|-----|--|--|--|--|--|--|--|-----|-----|
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 48.00 dBm Offset 20.50 dB<br/>Att 37 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:IFR (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div></div></div><div>CF 406.1125 MHz 1001 pts 10.0 ms/</div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>39.25 dBm</td><td></td><td>Carrier Offset</td><td>-37.56 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>19.474 kHz</td><td>-Peak</td><td>-12.319 kHz</td><td>+Peak/2</td><td>15.896 kHz</td><td>RMS</td><td>2.7833 kHz</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Mod. Freq.</td><td>---</td><td>SINAD</td><td>---</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>THD</td><td>---</td></tr></table><div>Analog Demod: Waiting for Trigger...</div><div>Measuring... 01.93.2021 15:16:48</div></div><div>OFF~ON</div></div>        |                | Carrier Power | 39.25 dBm  |       | Carrier Offset | -37.56 Hz |  |  |  | FM | +Peak | 19.474 kHz | -Peak | -12.319 kHz | +Peak/2 | 15.896 kHz | RMS | 2.7833 kHz |  |  |  |  |  | Mod. Freq. | ---        | SINAD | --- |  |  |  |  |  |  |  | THD | --- |
|                | Carrier Power   | 39.25 dBm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Carrier Offset | -37.56 Hz     |            |       |                |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
| FM             | +Peak           | 19.474 kHz       | -Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -12.319 kHz    | +Peak/2       | 15.896 kHz | RMS   | 2.7833 kHz     |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | Mod. Freq.    | ---        | SINAD | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |               |            | THD   | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 48.00 dBm Offset 20.50 dB<br/>Att 37 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:IFR (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div></div></div><div>CF 406.1125 MHz 1001 pts 10.0 ms/</div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>39.26 dBm</td><td></td><td>Carrier Offset</td><td>-40.71 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>12.25 kHz</td><td>-Peak</td><td>-21.299 kHz</td><td>+Peak/2</td><td>16.775 kHz</td><td>RMS</td><td>2.8118 kHz</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Mod. Freq.</td><td>---</td><td>SINAD</td><td>---</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>THD</td><td>---</td></tr></table><div>Analog Demod: Waiting for Trigger...</div><div>Measuring... 01.93.2021 15:15:18</div></div><div>ON-OFF</div></div>         |                | Carrier Power | 39.26 dBm  |       | Carrier Offset | -40.71 Hz |  |  |  | FM | +Peak | 12.25 kHz  | -Peak | -21.299 kHz | +Peak/2 | 16.775 kHz | RMS | 2.8118 kHz |  |  |  |  |  | Mod. Freq. | ---        | SINAD | --- |  |  |  |  |  |  |  | THD | --- |
|                | Carrier Power   | 39.26 dBm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Carrier Offset | -40.71 Hz     |            |       |                |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
| FM             | +Peak           | 12.25 kHz        | -Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -21.299 kHz    | +Peak/2       | 16.775 kHz | RMS   | 2.8118 kHz     |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | Mod. Freq.    | ---        | SINAD | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |               |            | THD   | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 48.00 dBm Offset 20.50 dB<br/>Att 37 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:IFR (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div></div></div><div>CF 406.1125 MHz 1001 pts 10.0 ms/</div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power</td><td>39.25 dBm</td><td></td><td>Carrier Offset</td><td>-35.76 Hz</td><td></td><td></td><td></td></tr><tr><td>FM</td><td>+Peak</td><td>12.127 kHz</td><td>-Peak</td><td>-17.263 kHz</td><td>+Peak/2</td><td>14.695 kHz</td><td>RMS</td><td>8.7783 kHz</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Mod. Freq.</td><td>1.0162 kHz</td><td>SINAD</td><td>---</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>THD</td><td>---</td></tr></table><div>Analog Demod: Waiting for Trigger...</div><div>Measuring... 01.93.2021 15:11:17</div></div><div>OFF~ON</div></div> |                | Carrier Power | 39.25 dBm  |       | Carrier Offset | -35.76 Hz |  |  |  | FM | +Peak | 12.127 kHz | -Peak | -17.263 kHz | +Peak/2 | 14.695 kHz | RMS | 8.7783 kHz |  |  |  |  |  | Mod. Freq. | 1.0162 kHz | SINAD | --- |  |  |  |  |  |  |  | THD | --- |
|                | Carrier Power   | 39.25 dBm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Carrier Offset | -35.76 Hz     |            |       |                |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
| FM             | +Peak           | 12.127 kHz       | -Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -17.263 kHz    | +Peak/2       | 14.695 kHz | RMS   | 8.7783 kHz     |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | Mod. Freq.    | 1.0162 kHz | SINAD | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |
|                |                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |               |            | THD   | ---            |           |  |  |  |    |       |            |       |             |         |            |     |            |  |  |  |  |  |            |            |       |     |  |  |  |  |  |  |  |     |     |

## Appendix H:Transmitter Frequency Behavior

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |            |       |         |     |            |       |     |    |            |            |            |            |     |     |     |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-------|---------|-----|------------|-------|-----|----|------------|------------|------------|------------|-----|-----|-----|
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 48.00 dBm Offset 20.50 dB<br/>Att 37 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:IFR (17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div>12.5 kHz</div><div>9.375 kHz</div><div>6.25 kHz</div><div>3.125 kHz</div><div>0 Hz</div><div>-3.125 kHz</div><div>-6.25 kHz</div><div>-9.375 kHz</div><div>-12.5 kHz</div></div><div><div>CF 406.1125 MHz</div><div>1001 pts</div><div>10.0 ms/</div></div></div><div><div>4 Result Summary</div><div><div>Carrier Power 39.27 dBm</div><div>Carrier Offset -38.48 Hz</div></div><table><thead><tr><th></th><th>+Peak</th><th>-Peak</th><th>+Peak/2</th><th>RMS</th><th>Mod. Freq.</th><th>SINAD</th><th>THD</th></tr></thead><tbody><tr><td>FM</td><td>22.597 kHz</td><td>-14.44 kHz</td><td>18.518 kHz</td><td>2.8415 kHz</td><td>---</td><td>---</td><td>---</td></tr></tbody></table><div>Analog Demod: Waiting for Trigger...</div><div>Measuring... 51.93.2021 15:12:02</div></div></div> <div>Date: 1.MAY.2021 15:12:01</div> <div>ON-OFF</div> |            | +Peak      | -Peak | +Peak/2 | RMS | Mod. Freq. | SINAD | THD | FM | 22.597 kHz | -14.44 kHz | 18.518 kHz | 2.8415 kHz | --- | --- | --- |
|                | +Peak           | -Peak            | +Peak/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RMS        | Mod. Freq. | SINAD | THD     |     |            |       |     |    |            |            |            |            |     |     |     |
| FM             | 22.597 kHz      | -14.44 kHz       | 18.518 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.8415 kHz | ---        | ---   | ---     |     |            |       |     |    |            |            |            |            |     |     |     |

ON-OFF

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |          |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|--------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|--------|------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-26.08 dBm</div><div>2.378144000 GHz</div></div><div><div>M1[1]</div><div>-25.10 dBm</div><div>4.762320000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M2</div><div>M1</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>399.99797 MHz</td><td>-24.49 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.76232 GHz</td><td>-25.10 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:41:44</div></div><div>Date: 3.MAR.2021 09:41:43</div></div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M1</sub></td><td><div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.72 dBm</div><div>2.503141000 GHz</div></div><div><div>M1[1]</div><div>-25.16 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M1</div><div>M2</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-10.96 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-25.16 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:43:33</div></div><div>Date: 3.MAR.2021 09:43:33</div></div></div></div><tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M2</sub></td><td><div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.63 dBm</div><div>1.039436000 GHz</div></div><div><div>M1[1]</div><div>-24.25 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M2</div><div>M1</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-11.10 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-24.25 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:44:59</div></div><div>Date: 3.MAR.2021 09:44:59</div></div></div></div></td></tr></td></tr> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 399.99797 MHz | -24.49 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.76232 GHz | -25.10 dBm | -200.00 dB | TX-DNH | 4FSK | CH <sub>M1</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.72 dBm</div><div>2.503141000 GHz</div></div><div><div>M1[1]</div><div>-25.16 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M1</div><div>M2</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-10.96 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-25.16 dBm</td><td>-200.00 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| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |          |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 399.99797 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -24.49 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.76232 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.72 dBm</div><div>2.503141000 GHz</div></div><div><div>M1[1]</div><div>-25.16 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M1</div><div>M2</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-10.96 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-25.16 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:43:33</div></div><div>Date: 3.MAR.2021 09:43:33</div></div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M2</sub></td><td><div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.63 dBm</div><div>1.039436000 GHz</div></div><div><div>M1[1]</div><div>-24.25 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M2</div><div>M1</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-11.10 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-24.25 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:44:59</div></div><div>Date: 3.MAR.2021 09:44:59</div></div></div></div></td></tr>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 405.96934 MHz | -10.96 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 1.21806 GHz | -25.16 dBm | -200.00 dB | TX-DNH | 4FSK | CH <sub>M2</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.63 dBm</div><div>1.039436000 GHz</div></div><div><div>M1[1]</div><div>-24.25 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M2</div><div>M1</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-11.10 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-24.25 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:44:59</div></div><div>Date: 3.MAR.2021 09:44:59</div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Range Low | Range Up | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -11.10 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 1.21806 GHz | -24.25 dBm | -200.00 dB |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                       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| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 405.96934 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 1.21806 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div>M2[1]</div><div>-25.63 dBm</div><div>1.039436000 GHz</div></div><div><div>M1[1]</div><div>-24.25 dBm</div><div>1.218060000 GHz</div></div></div></div><div><div>40 dBm</div><div>30 dBm</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><div><div>SPURIOUS LINE ABS_001</div><div>Microphone</div></div><div><div>M2</div><div>M1</div></div><div><div>30.0 MHz</div><div>64002 pts</div><div>497.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-11.10 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.21806 GHz</td><td>-24.25 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring...03.03.202109:44:59</div></div><div>Date: 3.MAR.2021 09:44:59</div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -11.10 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 1.21806 GHz | -24.25 dBm | -200.00 dB |        |      |                  |                                                                                             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| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                           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| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 406.09059 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 1.21806 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -24.25 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                           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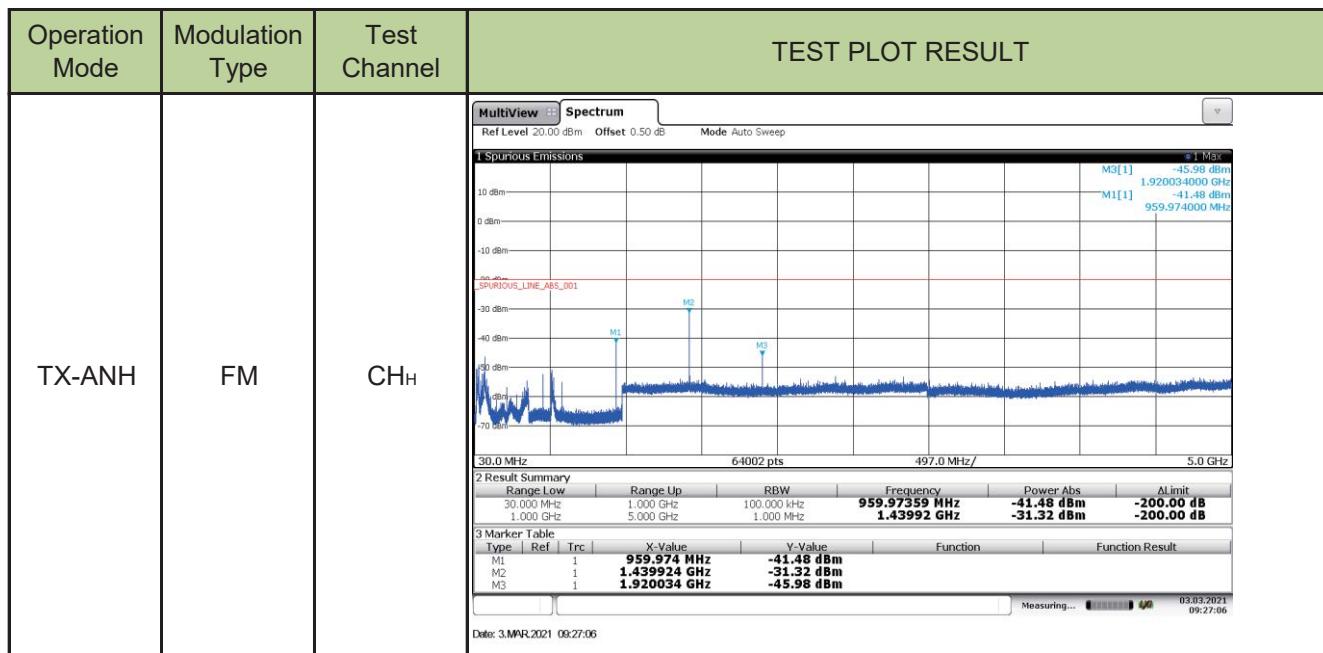
# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|--------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | <div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M2[1]</div><div>-26.03 dBm</div><div>1.329177000 GHz</div></div><div><div>M1[1]</div><div>-25.17 dBm</div><div>4.634949000 GHz</div></div></div><div><div>2 Result Summary</div><table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>Alimit</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>221.49323 MHz</td><td>-26.98 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.63495 GHz</td><td>-25.17 dBm</td><td>-200.00 dB</td></tr></table></div><div>Date: 3.MAR.2021 09:46:02</div></div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 221.49323 MHz | -26.98 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.63495 GHz | -25.17 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 221.49323 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -26.98 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.63495 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -25.17 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div>MultiViewSpectrum</div><div>Ref Level 50.00 dBm Offset 30.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M2[1]</div><div>-26.36 dBm</div><div>4.422706000 GHz</div></div><div><div>M1[1]</div><div>-26.09 dBm</div><div>4.821443000 GHz</div></div></div><div><div>2 Result Summary</div><table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>Alimit</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>299.96984 MHz</td><td>-28.17 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.82144 GHz</td><td>-26.09 dBm</td><td>-200.00 dB</td></tr></table></div><div>Date: 3.MAR.2021 09:47:12</div></div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 299.96984 MHz | -28.17 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.82144 GHz | -26.09 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 299.96984 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -28.17 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.82144 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -26.09 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-ANH         | FM              | CH <sub>L</sub>  | <div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 0.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M2[1]</div><div>-30.70 dBm</div><div>1.199931000 GHz</div></div><div><div>M1[1]</div><div>-38.51 dBm</div><div>800.020000 MHz</div></div></div><div><div>2 Result Summary</div><table><tr><td>Range Low</td><td>Range Up</td><td>RBW</td><td>Frequency</td><td>Power Abs</td><td>Alimit</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>399.99797 MHz</td><td>-4.74 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.19993 GHz</td><td>-30.70 dBm</td><td>-200.00 dB</td></tr></table></div><div>Date: 3.MAR.2021 09:23:13</div></div>    | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 30.000 MHz | 1.000 GHz | 100.000 kHz | 399.99797 MHz | -4.74 dBm  | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 1.19993 GHz | -30.70 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 399.99797 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -4.74 dBm  | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 1.19993 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -30.70 dBm | -200.00 dB |     |           |           |        |            |           |             |               |            |            |           |           |           |             |            |            |

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 0.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><di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# Appendix I:Spurious Emission On Antenna Port



----End of Report----