

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | QPSK | 3655 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:06:11 AM Jan 06, 2020

Center Freq 3.655000000 GHz

Center Freq: 3.655000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.65785 GHz

-2.0790 dBm

Center 3.655 GHz

Span 50 MHz

Total Power 13.16 dBm / 5 MHz

Spectrum Peak Ref -0.58 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.26 | (-1.68) | -982.0 k | -2.03 | (-1.46) | 3.936 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.63 | (-30.06) | -9.798 M | -55.15 | (-29.91) | 9.933 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -55.89 | (-29.74) | -10.85 M | -54.85 | (-29.07) | 10.29 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.655000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | QPSK | 3675 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:04:59 AM Jan 06, 2020

Center Freq 3.675000000 GHz

Center Freq: 3.675000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6733 GHz

-2.3971 dBm

Center 3.675 GHz

Span 50 MHz

Total Power 12.71 dBm / 5 MHz

Spectrum Peak Ref -1.24 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.40 | (-1.15) | -1.672 M | -2.56 | (-1.31) | 4.625 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.51 | (-29.35) | -9.783 M | -55.43 | (-30.20) | 9.798 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.49 | (-27.98) | -10.40 M | -65.37 | (-29.35) | 24.66 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.675000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | QPSK | 3695 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:07:53 AM Jan 06, 2020

Center Freq 3.695000000 GHz

Center Freq: 3.695000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.69085 GHz

-2.9532 dBm

Center 3.695 GHz

Span 50 MHz

Total Power 12.38 dBm / 5 MHz

Spectrum Peak Ref -1.37 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.95 | (-1.58) | -4.130 M | -2.86 | (-1.49) | 427.3 k |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.67 | (-28.79) | -9.903 M | -55.67 | (-30.91) | 9.678 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -55.74 | (-29.26) | -10.17 M | -64.38 | (-29.08) | 23.40 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.695000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 16QAM | 3655 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:10:56 AM Jan 06, 2020

Center Freq 3.655000000 GHz

Center Freq: 3.655000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6512 GHz

-1.5531 dBm

Center 3.655 GHz

Span 50 MHz

Total Power 13.16 dBm / 5 MHz

Spectrum Peak Ref -0.53 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -1.55 | (-1.02) | -3.771 M | -1.77 | (-1.24) | 2.181 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.37 | (-29.93) | -9.783 M | -55.28 | (-30.84) | 9.783 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -55.28 | (-29.31) | -10.67 M | -54.86 | (-29.13) | 10.31 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.655000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 16QAM | 3675 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

ISO

DC

SENSE:INT

ALIGN OFF

04:09:57 AM Jan 06, 2020

Center Freq 3.675000000 GHz

Center Freq: 3.675000000 GHz
Trig: Free Run
#Atten: 10 dB
Avg: 100.00% of 10

Radio Std: None

PASS

IFGain:Low

Radio Device: BTS

Ref Offset 21.47 dB
Ref 15.3 dBm

Mkr1 3.67365 GHz
-2.0881 dBm



Center 3.675 GHz

Span 50 MHz

Total Power 12.79 dBm / 5 MHz

Spectrum Peak Ref -1.54 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.09 | (-0.55) | -1.327 M | -2.61 | (-1.07) | 3.921 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.94 | (-28.51) | -9.978 M | -55.10 | (-29.56) | 9.798 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.01 | (-27.46) | -10.02 M | -55.11 | (-28.46) | 10.17 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

Frequency

Center Freq
3.675000000 GHz

CF Step
0 Hz
Auto Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 16QAM | 3695 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

ISO

DC

SENSE:INT

ALIGN OFF

04:09:54 AM Jan 06, 2020

Center Freq 3.695000000 GHz

Center Freq: 3.695000000 GHz
Trig: Free Run
#Atten: 10 dB
Avg: 100.00% of 10

Radio Std: None

PASS

IFGain:Low

Radio Device: BTS

Ref Offset 21.47 dB
Ref 15.3 dBm

Mkr1 3.69855 GHz
-2.2833 dBm



Center 3.695 GHz

Span 50 MHz

Total Power 12.24 dBm / 5 MHz

Spectrum Peak Ref -1.01 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.85 | (-1.84) | -3.771 M | -2.24 | (-1.23) | 3.936 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.19 | (-30.72) | -9.693 M | -55.99 | (-30.92) | 9.813 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -55.74 | (-29.59) | -10.22 M | -64.83 | (-29.90) | 23.40 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

Frequency

Center Freq
3.695000000 GHz

CF Step
0 Hz
Auto Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 64QAM | 3655 |

| <div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div> <div><div><div>RL</div><div>RF</div><div>50 Ω</div><div>DC</div></div><div>SENSE:INT</div><div>ALIGN OFF</div><div>04:11:55 AM Jan 06, 2020</div></div> <div><div>Center Freq 3.655000000 GHz</div><div>Center Freq: 3.655000000 GHz</div><div>Radio Std: None</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>#Atten: 10 dB</div><div>Radio Device: BTS</div></div> <div><div>PASS</div><div>IF Gain: Low</div></div> <div><div>Ref Offset 21.47 dB</div><div>Ref 15.3 dBm</div><div>Mkr1 3.65365 GHz</div><div>-1.9624 dBm</div></div> <div></div> <div><div>Center 3.655 GHz</div><div>Span 50 MHz</div></div> <div><div>Total Power 13.03 dBm / 5 MHz</div><div>Spectrum Peak Ref -0.88 dBm</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>Peak dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.000 MHz</td><td>30.00 kHz</td><td>-1.96</td><td>(-1.08)</td><td>-1.327 M</td><td>-1.88</td><td>(-1.00)</td><td>3.921 M</td></tr><tr><td>5.000 MHz</td><td>10.00 MHz</td><td>30.00 kHz</td><td>-55.23</td><td>(-29.68)</td><td>-9.933 M</td><td>-55.68</td><td>(-29.83)</td><td>9.993 M</td></tr><tr><td>10.00 MHz</td><td>25.00 MHz</td><td>30.00 kHz</td><td>-54.63</td><td>(-28.54)</td><td>-10.32 M</td><td>-54.94</td><td>(-28.99)</td><td>10.11 M</td></tr><tr><td>25.00 MHz</td><td>30.00 MHz</td><td>30.00 kHz</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><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><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>MSG</div> <div>STATUS</div> | | Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.000 MHz | 30.00 kHz | -1.96 | (-1.08) | -1.327 M | -1.88 | (-1.00) | 3.921 M | 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.23 | (-29.68) | -9.933 M | -55.68 | (-29.83) | 9.993 M | 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.63 | (-28.54) | -10.32 M | -54.94 | (-28.99) | 10.11 M | 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq 3.655000000 GHz</div> <div>CF Step 0 Hz</div> <div>Auto</div> <div>Man</div> <div>Freq Offset 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 | 5.000 MHz | 30.00 kHz | -1.96 | (-1.08) | -1.327 M | -1.88 | (-1.00) | 3.921 M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.23 | (-29.68) | -9.933 M | -55.68 | (-29.83) | 9.993 M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.63 | (-28.54) | -10.32 M | -54.94 | (-28.99) | 10.11 M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 64QAM | 3675 |

| <div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div> <div><div><div>RL</div><div>RF</div><div>50 Ω</div><div>DC</div></div><div>SENSE:INT</div><div>ALIGN OFF</div><div>04:12:42 AM Jan 06, 2020</div></div> <div><div>Center Freq 3.675000000 GHz</div><div>Center Freq: 3.675000000 GHz</div><div>Radio Std: None</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>#Atten: 10 dB</div><div>Radio Device: BTS</div></div> <div><div>PASS</div><div>IF Gain: Low</div></div> <div><div>Ref Offset 21.47 dB</div><div>Ref 15.3 dBm</div><div>Mkr1 3.67505 GHz</div><div>-2.7158 dBm</div></div> <div></div> <div><div>Center 3.675 GHz</div><div>Span 50 MHz</div></div> <div><div>Total Power 12.61 dBm / 5 MHz</div><div>Spectrum Peak Ref -1.20 dBm</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>Peak dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.000 MHz</td><td>30.00 kHz</td><td>-2.66</td><td>(-1.46)</td><td>-2.721 M</td><td>-2.72</td><td>(-1.52)</td><td>82.46 k</td></tr><tr><td>5.000 MHz</td><td>10.00 MHz</td><td>30.00 kHz</td><td>-54.16</td><td>(-29.20)</td><td>-9.753 M</td><td>-55.84</td><td>(-30.28)</td><td>9.873 M</td></tr><tr><td>10.00 MHz</td><td>25.00 MHz</td><td>30.00 kHz</td><td>-54.88</td><td>(-28.43)</td><td>-10.38 M</td><td>-62.90</td><td>(-29.37)</td><td>21.00 M</td></tr><tr><td>25.00 MHz</td><td>30.00 MHz</td><td>30.00 kHz</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><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><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>MSG</div> <div>STATUS</div> | | Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.66 | (-1.46) | -2.721 M | -2.72 | (-1.52) | 82.46 k | 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.16 | (-29.20) | -9.753 M | -55.84 | (-30.28) | 9.873 M | 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.88 | (-28.43) | -10.38 M | -62.90 | (-29.37) | 21.00 M | 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq 3.675000000 GHz</div> <div>CF Step 0 Hz</div> <div>Auto</div> <div>Man</div> <div>Freq Offset 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 | 5.000 MHz | 30.00 kHz | -2.66 | (-1.46) | -2.721 M | -2.72 | (-1.52) | 82.46 k | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.16 | (-29.20) | -9.753 M | -55.84 | (-30.28) | 9.873 M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.88 | (-28.43) | -10.38 M | -62.90 | (-29.37) | 21.00 M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 64QAM | 3695 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:13:20 AM Jan 06, 2020

Center Freq 3.695000000 GHz

Center Freq: 3.695000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6975 GHz

-2.8616 dBm



Center 3.695 GHz

Span 50 MHz

Total Power 12.40 dBm / 5 MHz

Spectrum Peak Ref -1.64 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -2.87 | (-1.22) | -2.721 M | -2.70 | (-1.06) | 2.871 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.01 | (-29.01) | -9.873 M | -55.56 | (-30.45) | 9.693 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.45 | (-27.68) | -10.19 M | -64.18 | (-28.61) | 23.40 M |
| 25.00 MHz | 30.00 MHz | 30.00 kHz | — | (—) | — | — | (—) | — |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq 3.695000000 GHz

CF Step 0 Hz

Auto

Man

Freq Offset 0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 256QAM | 3655 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:29:40 AM Jan 06, 2020

Center Freq 3.655000000 GHz

Center Freq: 3.655000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6575 GHz

-0.49286 dBm



Center 3.655 GHz

Span 50 MHz

Total Power 13.15 dBm / 5 MHz

Spectrum Peak Ref -0.23 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -0.82 | (-0.59) | -1.321 M | -0.48 | (-0.25) | 3.574 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.30 | (-30.11) | -9.993 M | -54.35 | (-29.76) | 9.873 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.43 | (-29.05) | -10.22 M | -56.25 | (-30.49) | 10.79 M |
| 25.00 MHz | 25.00 MHz | 30.00 kHz | -70.25 | (-35.02) | -25.00 M | -69.89 | (-34.66) | 25.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq 3.655000000 GHz

CF Step 0 Hz

Auto

Man

Freq Offset 0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 256QAM | 3675 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

ISO

DC

SENSE:INT

ALIGN OFF

04:24:09 AM Jan 06, 2020

Center Freq 3.675000000 GHz

Center Freq: 3.675000000 GHz
Trig: Free Run
#Atten: 10 dB
Avg: 100.00% of 10

Radio Std: None

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB
Ref 15.3 dBm

Mkr1 3.67715 GHz
-0.90919 dBm

10 dB/div
Log



Center 3.675 GHz

Span 50 MHz

Total Power 12.73 dBm / 5 MHz

Spectrum Peak Ref -0.80 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -1.52 | (-0.72) | -3.423 M | -0.91 | (-0.11) | 2.177 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -54.13 | (-29.42) | -9.783 M | -54.60 | (-30.56) | 9.648 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -54.77 | (-28.66) | -10.47 M | -55.61 | (-29.77) | 10.05 M |
| 25.00 MHz | 25.00 MHz | 30.00 kHz | -69.99 | (-34.19) | -25.00 M | -69.66 | (-33.86) | 25.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.675000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 10MHz | 256QAM | 3695 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

ISO

DC

SENSE:INT

ALIGN OFF

04:26:56 AM Jan 06, 2020

Center Freq 3.695000000 GHz

Center Freq: 3.695000000 GHz
Trig: Free Run
#Atten: 10 dB
Avg: 100.00% of 10

Radio Std: None

Radio Device: BTS

PASS

IF Gain: Low

Ref Offset 21.47 dB
Ref 15.3 dBm

Mkr1 3.6912 GHz
-1.9808 dBm

10 dB/div
Log



Center 3.695 GHz

Span 50 MHz

Total Power 12.17 dBm / 5 MHz

Spectrum Peak Ref -1.39 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 5.000 MHz | 30.00 kHz | -1.65 | (-0.26) | -4.474 M | -1.69 | (-0.30) | 2.868 M |
| 5.000 MHz | 10.00 MHz | 30.00 kHz | -55.02 | (-29.04) | -9.918 M | -56.84 | (-30.48) | 9.993 M |
| 10.00 MHz | 25.00 MHz | 30.00 kHz | -55.32 | (-28.81) | -10.19 M | -64.02 | (-28.69) | 23.40 M |
| 25.00 MHz | 25.00 MHz | 30.00 kHz | -69.85 | (-33.46) | -25.00 M | -69.73 | (-33.34) | 25.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq
3.695000000 GHz

CF Step
0 Hz

Auto

Man

Freq Offset
0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | QPSK | 3670 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:43:37 AM Jan 06, 2020

Center Freq 3.670000000 GHz

Center Freq: 3.670000000 GHz

Trig: Free Run

Avg: 100.00% of 10

Radio Std: None

PASS

IF Gain: Low

#Atten: 10 dB

Radio Device: BTS

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6772 GHz

-3.0270 dBm



Center 3.67 GHz

Span 200 MHz

Total Power

10.28 dBm / 5 MHz

Spectrum Peak Ref

-2.76 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -3.08 | (-0.32) | -15.08 M | -2.86 | (-0.10) | 17.13 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -50.18 | (-22.59) | -39.86 M | -56.35 | (-28.70) | 39.91 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -49.83 | (-21.68) | -42.33 M | -58.26 | (-21.63) | 93.21 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.70 | (-16.94) | -40.00 M | -59.84 | (-22.08) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG STATUS

Frequency

Center Freq

3.670000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | QPSK | 3675 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:46:06 AM Jan 06, 2020

Center Freq 3.675000000 GHz

Center Freq: 3.675000000 GHz

Trig: Free Run

Avg: 100.00% of 10

Radio Std: None

PASS

IF Gain: Low

#Atten: 10 dB

Radio Device: BTS

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6836 GHz

-2.9084 dBm



Center 3.675 GHz

Span 200 MHz

Total Power

9.85 dBm / 5 MHz

Spectrum Peak Ref

-2.46 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.91 | (-0.45) | -15.08 M | -2.91 | (-0.45) | 8.732 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -49.70 | (-22.50) | -39.79 M | -56.16 | (-29.40) | 39.44 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -58.47 | (-22.51) | -91.00 M | -58.91 | (-23.42) | 88.20 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.83 | (-17.38) | -40.00 M | -60.11 | (-22.65) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG STATUS

Frequency

Center Freq

3.675000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

Frequency

Center Freq

3.670000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | QPSK | 3680 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:47:03 AM Jan 06, 2020

Center Freq 3.680000000 GHz

Center Freq: 3.680000000 GHz

Trig: Free Run

Avg: 100.00% of 10

Radio Std: None

PASS

IF Gain: Low

#Atten: 10 dB

Radio Device: BTS

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6732 GHz

-2.8936 dBm

10 dB/div

Log

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Center 3.68 GHz

Span 200 MHz

Total Power

9.73 dBm / 5 MHz

Spectrum Peak Ref

-2.86 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.89 | (-0.04) | -6.677 M | -2.99 | (-0.13) | 18.53 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -49.63 | (-23.19) | -38.86 M | -54.40 | (-28.53) | 38.41 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -49.10 | (-21.14) | -40.60 M | -59.86 | (-24.81) | 83.20 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.11 | (-16.26) | -40.00 M | -60.33 | (-22.47) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.680000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | 16QAM | 3670 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:51:02 AM Jan 06, 2020

Center Freq 3.670000000 GHz

Center Freq: 3.670000000 GHz

Trig: Free Run

Avg: 100.00% of 10

Radio Std: None

PASS

IF Gain: Low

#Atten: 10 dB

Radio Device: BTS

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6842 GHz

-2.9843 dBm

10 dB/div

Log

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Center 3.67 GHz

Span 200 MHz

Total Power

10.25 dBm / 5 MHz

Spectrum Peak Ref

-2.33 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.88 | (-0.55) | -16.47 M | -2.77 | (-0.44) | 18.53 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -50.04 | (-23.48) | -39.38 M | -56.50 | (-29.28) | 39.91 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -58.08 | (-23.09) | -85.99 M | -59.71 | (-23.51) | 93.21 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.70 | (-17.37) | -40.00 M | -59.83 | (-22.50) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.670000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | 16QAM | 3675 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

SO R

DC

SENSE:INT

ALIGN OFF

04:50:02 AM Jan 06, 2020

Center Freq 3.675000000 GHz

Center Freq: 3.675000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IFGain:Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.664 GHz

-2.2833 dBm

10 dB/div

Log

5.27

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Spectrum

Relative Limit

Center 3.675 GHz

Span 200 MHz

Total Power

10.50 dBm / 5 MHz

Spectrum Peak Ref

-2.18 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.28 | (-0.10) | -10.88 M | -3.32 | (-1.14) | 15.72 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -49.07 | (-23.30) | -38.87 M | -55.57 | (-29.50) | 39.11 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -49.98 | (-22.57) | -41.40 M | -60.06 | (-24.85) | 88.20 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.51 | (-17.33) | -40.00 M | -60.38 | (-23.20) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.675000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | 16QAM | 3680 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

SO R

DC

SENSE:INT

ALIGN OFF

04:49:05 AM Jan 06, 2020

Center Freq 3.680000000 GHz

Center Freq: 3.680000000 GHz

Radio Std: None

Trig: Free Run

Avg: 100.00% of 10

#Atten: 10 dB

Radio Device: BTS

PASS

IFGain:Low

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6704 GHz

-2.8792 dBm

10 dB/div

Log

5.27

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Spectrum

Relative Limit

Center 3.68 GHz

Span 200 MHz

Total Power

9.87 dBm / 5 MHz

Spectrum Peak Ref

-2.78 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | Peak dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|----------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.88 | (-0.10) | -9.467 M | -2.89 | (-0.11) | 18.53 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -50.02 | (-22.24) | -40.00 M | -55.67 | (-28.39) | 39.61 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -58.83 | (-21.72) | -96.01 M | -59.76 | (-24.78) | 83.20 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.30 | (-16.53) | -40.00 M | -60.39 | (-22.61) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.680000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz



| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | 64QAM | 3680 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

04:56:39 AM Jan 06, 2020

Center Freq 3.680000000 GHz

Center Freq: 3.680000000 GHz

Radio Std: None

PASS

IF Gain: Low

Trig: Free Run

Avg: 100.00% of 10

Radio Device: BTS

#Atten: 10 dB

10 dB/div

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6732 GHz

-3.1144 dBm

ASSOCIATE LINK

Log

5.27

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Spectrum

Relative Limit

Center 3.68 GHz

Span 200 MHz

Total Power

10.29 dBm / 5 MHz

Spectrum Peak Ref

-2.28 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -3.11 | (-0.84) | -6.677 M | -3.32 | (-1.04) | 8.732 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -49.69 | (-22.54) | -39.89 M | -54.27 | (-29.02) | 38.38 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -58.82 | (-22.21) | -96.00 M | -60.05 | (-25.58) | 83.20 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.49 | (-17.21) | -40.00 M | -59.92 | (-22.64) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.680000000 GHz

CF Step

0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulation | Freq. (MHz) |
|-----------------|------------|-------------|
| 40MHz | 256QAM | 3670 |

Agilent Spectrum Analyzer - Spectrum Emission Mask

RL

RF

50 Ω

DC

SENSE:INT

ALIGN OFF

05:02:22 AM Jan 06, 2020

Center Freq 3.670000000 GHz

Center Freq: 3.670000000 GHz

Radio Std: None

PASS

IF Gain: Low

Trig: Free Run

Avg: 100.00% of 10

Radio Device: BTS

#Atten: 10 dB

10 dB/div

Ref Offset 21.47 dB

Ref 15.3 dBm

Mkr1 3.6534 GHz

-2.5324 dBm

ASSOCIATE LINK

Log

5.27

-4.73

-14.7

-24.7

-34.7

-44.7

-54.7

-64.7

-74.7

Spectrum

Relative Limit

Center 3.67 GHz

Span 200 MHz

Total Power

10.38 dBm / 5 MHz

Spectrum Peak Ref

-2.30 dBm

| Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) |
|------------|-----------|-----------|--------|----------------|-----------|--------------|----------------|-----------|
| 0.0 Hz | 20.00 MHz | 30.00 kHz | -2.53 | (-0.24) | -16.47 M | -2.70 | (-0.40) | 18.53 M |
| 20.00 MHz | 40.00 MHz | 30.00 kHz | -50.37 | (-23.58) | -39.59 M | -56.39 | (-29.24) | 39.88 M |
| 40.00 MHz | 100.0 MHz | 30.00 kHz | -50.42 | (-22.79) | -42.00 M | -58.58 | (-22.42) | 93.21 M |
| 40.00 MHz | 40.00 MHz | 30.00 kHz | -54.73 | (-17.43) | -40.00 M | -60.26 | (-22.96) | 40.00 M |
| 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |

MSG

STATUS

Frequency

Center Freq

3.670000000 GHz

CF Step

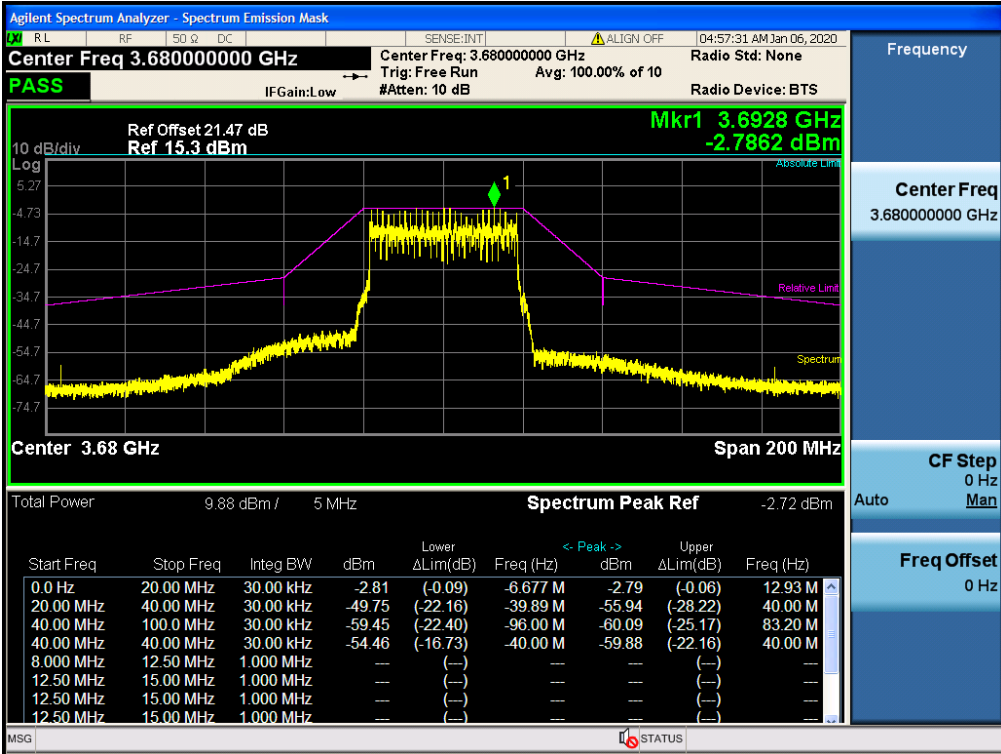
0 Hz

Auto

Man

Freq Offset

0 Hz

| Worst Case Mode | Modulaton | Freq. (MHz) |
|--|-----------|-------------|
| 40MHz | 256QAM | 3675 |
| <div>  <div> <p>Frequency</p> <p>Center Freq 3.675000000 GHz</p> <p>CF Step 0 Hz Auto Man</p> <p>Freq Offset 0 Hz</p> </div> </div> | | |
| Worst Case Mode | Modulaton | Freq. (MHz) |
| 40MHz | 256QAM | 3680 |
| <div>  <div> <p>Frequency</p> <p>Center Freq 3.680000000 GHz</p> <p>CF Step 0 Hz Auto Man</p> <p>Freq Offset 0 Hz</p> </div> </div> | | |



Frequency Stability Result

Appendix F

For 5MHz: Summary

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh) | Port | Remark |
|-----------------|--------|------------|----------------|------------|------------|-------|------------------|------|--------|
| Band 43 | - | - | - | - | - | - | - | - | - |
| 5MHz_QPSK_2TX | Pass | 3.6525G | 3.652511G | 3.650151G | 3.654871G | 2.952 | 3.6G,3.8G | 1 | - |
| 5MHz_16QAM_2TX | Pass | 3.6525G | 3.652509G | 3.650148G | 3.65487G | 2.438 | 3.6G,3.8G | 1 | - |
| 5MHz_64QAM_2TX | Pass | 3.6525G | 3.652507G | 3.650144G | 3.654869G | 1.797 | 3.6G,3.8G | 1 | - |
| 5MHz_256QAM_2TX | Pass | 3.6525G | 3.652511G | 3.650152G | 3.65487G | 2.952 | 3.6G,3.8G | 1 | - |



Frequency Stability Result

Appendix F

Result

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh) | Port | Remark |
|------------------------|--------|------------|----------------|------------|------------|-------|------------------|------|--------|
| Band 43_5MHz_OPSK_2TX | - | - | - | - | - | - | - | - | - |
| 3652.5MHz_-30°C | Pass | 3.6525G | 3.652515G | 3.650156G | 3.654874G | 4.107 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-20°C | Pass | 3.6525G | 3.652511G | 3.650151G | 3.654871G | 2.952 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-10°C | Pass | 3.6525G | 3.652512G | 3.650151G | 3.654874G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_0°C | Pass | 3.6525G | 3.652513G | 3.650154G | 3.654872G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_10°C | Pass | 3.6525G | 3.652515G | 3.650161G | 3.65487G | 4.235 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_20°C | Pass | 3.6525G | 3.652515G | 3.650158G | 3.654872G | 4.107 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_30°C | Pass | 3.6525G | 3.652514G | 3.650158G | 3.65487G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_40°C | Pass | 3.6525G | 3.652513G | 3.650154G | 3.654872G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_50°C | Pass | 3.6525G | 3.652514G | 3.650159G | 3.654869G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_126.5V | Pass | 3.6525G | 3.652515G | 3.650156G | 3.654875G | 4.235 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_110V | Pass | 3.6525G | 3.652515G | 3.650156G | 3.654874G | 4.107 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_93.5V | Pass | 3.6525G | 3.65251G | 3.650153G | 3.654867G | 2.823 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-30°C | Pass | 3.6975G | 3.697514G | 3.695168G | 3.699859G | 3.676 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-20°C | Pass | 3.6975G | 3.697513G | 3.695166G | 3.699861G | 3.55 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-10°C | Pass | 3.6975G | 3.697515G | 3.695166G | 3.699863G | 3.93 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_0°C | Pass | 3.6975G | 3.697518G | 3.695167G | 3.699869G | 4.817 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_10°C | Pass | 3.6975G | 3.697513G | 3.695166G | 3.699861G | 3.55 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_20°C | Pass | 3.6975G | 3.697516G | 3.695168G | 3.699864G | 4.31 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_30°C | Pass | 3.6975G | 3.697516G | 3.695171G | 3.699862G | 4.437 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_40°C | Pass | 3.6975G | 3.697514G | 3.695168G | 3.699859G | 3.676 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_50°C | Pass | 3.6975G | 3.697512G | 3.695166G | 3.699859G | 3.296 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_126.5V | Pass | 3.6975G | 3.697516G | 3.695168G | 3.699863G | 4.31 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_110V | Pass | 3.6975G | 3.697515G | 3.695168G | 3.699862G | 3.93 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_93.5V | Pass | 3.6975G | 3.697514G | 3.695167G | 3.699861G | 3.676 | 3.6G,3.8G | 1 | - |
| Band 43_5MHz_16QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3652.5MHz_-30°C | Pass | 3.6525G | 3.652515G | 3.650154G | 3.654875G | 3.978 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-20°C | Pass | 3.6525G | 3.652513G | 3.650153G | 3.654874G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-10°C | Pass | 3.6525G | 3.652515G | 3.650157G | 3.654872G | 3.978 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_0°C | Pass | 3.6525G | 3.652513G | 3.650156G | 3.65487G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_10°C | Pass | 3.6525G | 3.652514G | 3.650152G | 3.654876G | 3.722 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_20°C | Pass | 3.6525G | 3.652512G | 3.650152G | 3.654873G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_30°C | Pass | 3.6525G | 3.652511G | 3.650152G | 3.65487G | 2.952 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_40°C | Pass | 3.6525G | 3.652509G | 3.650148G | 3.65487G | 2.438 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_50°C | Pass | 3.6525G | 3.652514G | 3.650155G | 3.654873G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_126.5V | Pass | 3.6525G | 3.65251G | 3.650148G | 3.654872G | 2.695 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_110V | Pass | 3.6525G | 3.652512G | 3.650155G | 3.654868G | 3.208 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_93.5V | Pass | 3.6525G | 3.652513G | 3.650153G | 3.654873G | 3.593 | 3.6G,3.8G | 1 | - |



Frequency Stability Result

Appendix F

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh) | Port | Remark |
|-------------------------|--------|------------|----------------|------------|------------|-------|------------------|------|--------|
| 3697.5MHz_-30°C | Pass | 3.6975G | 3.697515G | 3.695165G | 3.699866G | 4.184 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-20°C | Pass | 3.6975G | 3.697512G | 3.695161G | 3.699863G | 3.169 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-10°C | Pass | 3.6975G | 3.697514G | 3.695166G | 3.699862G | 3.676 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_0°C | Pass | 3.6975G | 3.697515G | 3.695169G | 3.699861G | 4.057 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_10°C | Pass | 3.6975G | 3.697518G | 3.695174G | 3.699862G | 4.817 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_20°C | Pass | 3.6975G | 3.697514G | 3.69517G | 3.699858G | 3.803 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_30°C | Pass | 3.6975G | 3.697509G | 3.695161G | 3.699858G | 2.535 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_40°C | Pass | 3.6975G | 3.697511G | 3.695161G | 3.699862G | 3.043 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_50°C | Pass | 3.6975G | 3.697509G | 3.695162G | 3.699857G | 2.535 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_126.5V | Pass | 3.6975G | 3.697515G | 3.695163G | 3.699868G | 4.184 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_110V | Pass | 3.6975G | 3.697514G | 3.695166G | 3.699863G | 3.803 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_93.5V | Pass | 3.6975G | 3.69751G | 3.695166G | 3.699855G | 2.789 | 3.6G,3.8G | 1 | - |
| Band 43_5MHz_64QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3652.5MHz_-30°C | Pass | 3.6525G | 3.652512G | 3.65015G | 3.654875G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-20°C | Pass | 3.6525G | 3.652513G | 3.650155G | 3.654871G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-10°C | Pass | 3.6525G | 3.652515G | 3.650158G | 3.654871G | 3.978 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_0°C | Pass | 3.6525G | 3.652513G | 3.650155G | 3.654871G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_10°C | Pass | 3.6525G | 3.652513G | 3.650155G | 3.654871G | 3.593 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_20°C | Pass | 3.6525G | 3.65251G | 3.65015G | 3.654871G | 2.823 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_30°C | Pass | 3.6525G | 3.652513G | 3.650153G | 3.654873G | 3.465 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_40°C | Pass | 3.6525G | 3.652507G | 3.650144G | 3.654869G | 1.797 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_50°C | Pass | 3.6525G | 3.652512G | 3.650154G | 3.65487G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_126.5V | Pass | 3.6525G | 3.65251G | 3.65015G | 3.65487G | 2.695 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_110V | Pass | 3.6525G | 3.652512G | 3.650156G | 3.654868G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_93.5V | Pass | 3.6525G | 3.652511G | 3.650153G | 3.65487G | 3.08 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-30°C | Pass | 3.6975G | 3.697515G | 3.695164G | 3.699865G | 3.93 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-20°C | Pass | 3.6975G | 3.697512G | 3.695162G | 3.699863G | 3.296 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-10°C | Pass | 3.6975G | 3.697511G | 3.695161G | 3.699862G | 3.043 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_0°C | Pass | 3.6975G | 3.697516G | 3.695166G | 3.699867G | 4.437 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_10°C | Pass | 3.6975G | 3.697518G | 3.69517G | 3.699866G | 4.944 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_20°C | Pass | 3.6975G | 3.697514G | 3.695165G | 3.699863G | 3.803 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_30°C | Pass | 3.6975G | 3.697516G | 3.695168G | 3.699864G | 4.437 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_40°C | Pass | 3.6975G | 3.697514G | 3.695166G | 3.699862G | 3.676 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_50°C | Pass | 3.6975G | 3.697515G | 3.69517G | 3.699861G | 4.184 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_126.5V | Pass | 3.6975G | 3.697511G | 3.695158G | 3.699864G | 3.043 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_110V | Pass | 3.6975G | 3.697512G | 3.695166G | 3.699859G | 3.296 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_93.5V | Pass | 3.6975G | 3.697517G | 3.69517G | 3.699864G | 4.691 | 3.6G,3.8G | 1 | - |
| Band 43_5MHz_256QAM_2TX | - | - | - | - | - | - | - | - | - |



Frequency Stability Result

Appendix F

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh) | Port | Remark |
|------------------|--------|------------|----------------|------------|------------|-------|------------------|------|--------|
| 3652.5MHz_-30°C | Pass | 3.6525G | 3.652514G | 3.650159G | 3.654869G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-20°C | Pass | 3.6525G | 3.652509G | 3.650153G | 3.654865G | 2.438 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_-10°C | Pass | 3.6525G | 3.652511G | 3.650153G | 3.654868G | 2.952 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_0°C | Pass | 3.6525G | 3.652514G | 3.650157G | 3.654871G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_10°C | Pass | 3.6525G | 3.652511G | 3.650155G | 3.654867G | 3.08 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_20°C | Pass | 3.6525G | 3.652512G | 3.650157G | 3.654867G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_30°C | Pass | 3.6525G | 3.652512G | 3.650155G | 3.654868G | 3.208 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_40°C | Pass | 3.6525G | 3.652511G | 3.650158G | 3.654864G | 3.08 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_50°C | Pass | 3.6525G | 3.652514G | 3.650164G | 3.654864G | 3.85 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_126.5V | Pass | 3.6525G | 3.652512G | 3.650157G | 3.654867G | 3.337 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_110V | Pass | 3.6525G | 3.652511G | 3.650152G | 3.65487G | 2.952 | 3.6G,3.8G | 1 | - |
| 3652.5MHz_93.5V | Pass | 3.6525G | 3.652515G | 3.650162G | 3.654867G | 3.978 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-30°C | Pass | 3.6975G | 3.697511G | 3.69516G | 3.699862G | 2.916 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-20°C | Pass | 3.6975G | 3.697509G | 3.69516G | 3.699859G | 2.535 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_-10°C | Pass | 3.6975G | 3.697513G | 3.695165G | 3.699862G | 3.55 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_0°C | Pass | 3.6975G | 3.69751G | 3.695159G | 3.699861G | 2.662 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_10°C | Pass | 3.6975G | 3.69751G | 3.695164G | 3.699856G | 2.662 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_20°C | Pass | 3.6975G | 3.697513G | 3.695162G | 3.699864G | 3.55 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_30°C | Pass | 3.6975G | 3.697515G | 3.695168G | 3.699863G | 4.184 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_40°C | Pass | 3.6975G | 3.697514G | 3.695161G | 3.699867G | 3.803 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_50°C | Pass | 3.6975G | 3.697513G | 3.695164G | 3.699863G | 3.55 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_126.5V | Pass | 3.6975G | 3.697511G | 3.69516G | 3.699862G | 2.916 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_110V | Pass | 3.6975G | 3.697512G | 3.695163G | 3.699862G | 3.296 | 3.6G,3.8G | 1 | - |
| 3697.5MHz_93.5V | Pass | 3.6975G | 3.697512G | 3.695163G | 3.699862G | 3.296 | 3.6G,3.8G | 1 | - |



Frequency Stability Result

Appendix F

For 10MHz and 40MHz: Summary

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|------------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| Band 43 | - | - | - | - | - | - | - | - | - |
| 10MHz_QPSK_2TX | Pass | 3.695G | 3.695019G | 3.690316G | 3.699721G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 10MHz_16QAM_2TX | Pass | 3.695G | 3.695021G | 3.690318G | 3.699723G | 5.582 | 3.65G,3.7G,Inf | 1 | - |
| 10MHz_64QAM_2TX | Pass | 3.695G | 3.695023G | 3.690322G | 3.699723G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 10MHz_256QAM_2TX | Pass | 3.695G | 3.695023G | 3.690324G | 3.699721G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 40MHz_QPSK_2TX | Pass | 3.68G | 3.68009G | 3.66089G | 3.69929G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 40MHz_16QAM_2TX | Pass | 3.68G | 3.680098G | 3.660898G | 3.699298G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 40MHz_64QAM_2TX | Pass | 3.68G | 3.680105G | 3.660913G | 3.699298G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 40MHz_256QAM_2TX | Pass | 3.68G | 3.680098G | 3.660898G | 3.699298G | 26.495 | 3.65G,3.7G,Inf | 1 | - |



Result

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|-------------------------|--------|------------|----------------|------------|------------|-------|----------------------|------|--------|
| Band 43_10MHz_QPSK_2TX | - | - | - | - | - | - | - | - | - |
| 3655MHz_-30°C | Pass | 3.655G | 3.655018G | 3.650316G | 3.659719G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-20°C | Pass | 3.655G | 3.655021G | 3.650316G | 3.659725G | 5.643 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-10°C | Pass | 3.655G | 3.655018G | 3.650314G | 3.659721G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_0°C | Pass | 3.655G | 3.655019G | 3.650316G | 3.659721G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_10°C | Pass | 3.655G | 3.65502G | 3.650313G | 3.659727G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_20°C | Pass | 3.655G | 3.655015G | 3.650313G | 3.659718G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_30°C | Pass | 3.655G | 3.655023G | 3.65032G | 3.659725G | 6.156 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_40°C | Pass | 3.655G | 3.655017G | 3.650314G | 3.659719G | 4.617 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_50°C | Pass | 3.655G | 3.655021G | 3.65032G | 3.659721G | 5.643 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_126.5V | Pass | 3.655G | 3.65502G | 3.650316G | 3.659723G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_110V | Pass | 3.655G | 3.655019G | 3.650313G | 3.659725G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_93.5V | Pass | 3.655G | 3.655015G | 3.650313G | 3.659718G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-30°C | Pass | 3.695G | 3.695017G | 3.690316G | 3.699718G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-20°C | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-10°C | Pass | 3.695G | 3.695017G | 3.690314G | 3.699719G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_0°C | Pass | 3.695G | 3.695019G | 3.690316G | 3.699721G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_10°C | Pass | 3.695G | 3.695021G | 3.690322G | 3.699719G | 5.582 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_20°C | Pass | 3.695G | 3.695015G | 3.690311G | 3.699719G | 4.06 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_30°C | Pass | 3.695G | 3.695018G | 3.690316G | 3.699719G | 4.821 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_40°C | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_50°C | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_126.5V | Pass | 3.695G | 3.695019G | 3.690324G | 3.699714G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_110V | Pass | 3.695G | 3.695022G | 3.690326G | 3.699718G | 5.836 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_93.5V | Pass | 3.695G | 3.695021G | 3.690324G | 3.699718G | 5.582 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_10MHz_16QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3655MHz_-30°C | Pass | 3.655G | 3.655023G | 3.650322G | 3.659725G | 6.412 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-20°C | Pass | 3.655G | 3.655021G | 3.650318G | 3.659723G | 5.643 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-10°C | Pass | 3.655G | 3.655016G | 3.650314G | 3.659718G | 4.36 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_0°C | Pass | 3.655G | 3.655016G | 3.650316G | 3.659716G | 4.36 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_10°C | Pass | 3.655G | 3.655019G | 3.650313G | 3.659725G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_20°C | Pass | 3.655G | 3.655015G | 3.650307G | 3.659723G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_30°C | Pass | 3.655G | 3.655016G | 3.650311G | 3.659721G | 4.36 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_40°C | Pass | 3.655G | 3.655018G | 3.650314G | 3.659721G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_50°C | Pass | 3.655G | 3.655018G | 3.650313G | 3.659723G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_126.5V | Pass | 3.655G | 3.655019G | 3.650316G | 3.659721G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_110V | Pass | 3.655G | 3.655015G | 3.650309G | 3.659721G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_93.5V | Pass | 3.655G | 3.655013G | 3.650307G | 3.659719G | 3.591 | 3.65G,3.7G,Inf | 1 | - |



Frequency Stability Result

Appendix F

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|--------------------------|--------|------------|----------------|------------|------------|-------|----------------------|------|--------|
| 3695MHz_-30°C | Pass | 3.695G | 3.695019G | 3.690316G | 3.699721G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-20°C | Pass | 3.695G | 3.695014G | 3.690309G | 3.699719G | 3.806 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-10°C | Pass | 3.695G | 3.695018G | 3.69032G | 3.699716G | 4.821 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_0°C | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_10°C | Pass | 3.695G | 3.695017G | 3.690318G | 3.699716G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_20°C | Pass | 3.695G | 3.695019G | 3.690316G | 3.699721G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_30°C | Pass | 3.695G | 3.69502G | 3.690322G | 3.699718G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_40°C | Pass | 3.695G | 3.695019G | 3.690318G | 3.699719G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_50°C | Pass | 3.695G | 3.695019G | 3.690326G | 3.699712G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_126.5V | Pass | 3.695G | 3.69502G | 3.690318G | 3.699721G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_110V | Pass | 3.695G | 3.69502G | 3.690322G | 3.699718G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_93.5V | Pass | 3.695G | 3.695021G | 3.690318G | 3.699723G | 5.582 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_10MHz_64QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3655MHz_-30°C | Pass | 3.655G | 3.655019G | 3.650314G | 3.659723G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-20°C | Pass | 3.655G | 3.655019G | 3.650316G | 3.659721G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-10°C | Pass | 3.655G | 3.655019G | 3.650314G | 3.659723G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_0°C | Pass | 3.655G | 3.655015G | 3.650309G | 3.659721G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_10°C | Pass | 3.655G | 3.655017G | 3.650309G | 3.659725G | 4.617 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_20°C | Pass | 3.655G | 3.65502G | 3.65032G | 3.659719G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_30°C | Pass | 3.655G | 3.655016G | 3.650307G | 3.659725G | 4.36 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_40°C | Pass | 3.655G | 3.655021G | 3.650318G | 3.659723G | 5.643 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_50°C | Pass | 3.655G | 3.65502G | 3.650316G | 3.659723G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_126.5V | Pass | 3.655G | 3.655018G | 3.650313G | 3.659723G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_110V | Pass | 3.655G | 3.65502G | 3.650318G | 3.659721G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_93.5V | Pass | 3.655G | 3.655021G | 3.650318G | 3.659723G | 5.643 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-30°C | Pass | 3.695G | 3.695023G | 3.690322G | 3.699723G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-20°C | Pass | 3.695G | 3.695015G | 3.690313G | 3.699718G | 4.06 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-10°C | Pass | 3.695G | 3.695017G | 3.690316G | 3.699718G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_0°C | Pass | 3.695G | 3.695017G | 3.690316G | 3.699718G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_10°C | Pass | 3.695G | 3.695019G | 3.690318G | 3.699719G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_20°C | Pass | 3.695G | 3.695016G | 3.690313G | 3.699719G | 4.313 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_30°C | Pass | 3.695G | 3.695023G | 3.690328G | 3.699719G | 6.343 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_40°C | Pass | 3.695G | 3.695015G | 3.690309G | 3.699721G | 4.06 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_50°C | Pass | 3.695G | 3.695019G | 3.690318G | 3.699719G | 5.074 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_126.5V | Pass | 3.695G | 3.695017G | 3.690316G | 3.699718G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_110V | Pass | 3.695G | 3.695011G | 3.690305G | 3.699718G | 3.045 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_93.5V | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_10MHz_256QAM_2TX | - | - | - | - | - | - | - | - | - |



Frequency Stability Result

Appendix F

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|------------------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| 3655MHz_-30°C | Pass | 3.655G | 3.655015G | 3.650311G | 3.659719G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-20°C | Pass | 3.655G | 3.655017G | 3.650313G | 3.659721G | 4.617 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_-10°C | Pass | 3.655G | 3.655018G | 3.650318G | 3.659718G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_0°C | Pass | 3.655G | 3.655019G | 3.650318G | 3.659719G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_10°C | Pass | 3.655G | 3.655022G | 3.65032G | 3.659723G | 5.899 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_20°C | Pass | 3.655G | 3.655019G | 3.650316G | 3.659721G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_30°C | Pass | 3.655G | 3.655019G | 3.650313G | 3.659725G | 5.13 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_40°C | Pass | 3.655G | 3.655015G | 3.650307G | 3.659723G | 4.104 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_50°C | Pass | 3.655G | 3.655017G | 3.650313G | 3.659721G | 4.617 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_126.5V | Pass | 3.655G | 3.655018G | 3.650309G | 3.659727G | 4.873 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_110V | Pass | 3.655G | 3.65502G | 3.650318G | 3.659721G | 5.386 | 3.65G,3.7G,Inf | 1 | - |
| 3655MHz_93.5V | Pass | 3.655G | 3.655017G | 3.650311G | 3.659723G | 4.617 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-30°C | Pass | 3.695G | 3.695017G | 3.690316G | 3.699718G | 4.567 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-20°C | Pass | 3.695G | 3.695018G | 3.690318G | 3.699718G | 4.821 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_-10°C | Pass | 3.695G | 3.695023G | 3.690326G | 3.699719G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_0°C | Pass | 3.695G | 3.695015G | 3.690316G | 3.699714G | 4.06 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_10°C | Pass | 3.695G | 3.695018G | 3.690316G | 3.699719G | 4.821 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_20°C | Pass | 3.695G | 3.695022G | 3.690324G | 3.699719G | 5.836 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_30°C | Pass | 3.695G | 3.695023G | 3.690326G | 3.699719G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_40°C | Pass | 3.695G | 3.695023G | 3.690326G | 3.699719G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_50°C | Pass | 3.695G | 3.695023G | 3.690324G | 3.699721G | 6.089 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_126.5V | Pass | 3.695G | 3.695018G | 3.690316G | 3.699719G | 4.821 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_110V | Pass | 3.695G | 3.695024G | 3.690328G | 3.699721G | 6.597 | 3.65G,3.7G,Inf | 1 | - |
| 3695MHz_93.5V | Pass | 3.695G | 3.69502G | 3.69032G | 3.699719G | 5.328 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_40MHz_QPSK_2TX | - | - | - | - | - | - | - | - | - |
| 3670MHz_-30°C | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-20°C | Pass | 3.67G | 3.670116G | 3.65095G | 3.689283G | 31.676 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-10°C | Pass | 3.67G | 3.670094G | 3.650905G | 3.689283G | 25.545 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_0°C | Pass | 3.67G | 3.67009G | 3.650898G | 3.689283G | 24.523 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_10°C | Pass | 3.67G | 3.67009G | 3.650913G | 3.689268G | 24.523 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_20°C | Pass | 3.67G | 3.670098G | 3.65095G | 3.689245G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_30°C | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_40°C | Pass | 3.67G | 3.670105G | 3.65092G | 3.68929G | 28.61 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_50°C | Pass | 3.67G | 3.670105G | 3.650935G | 3.689275G | 28.61 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_126.5V | Pass | 3.67G | 3.670101G | 3.650913G | 3.68929G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_110V | Pass | 3.67G | 3.670098G | 3.650928G | 3.689268G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_93.5V | Pass | 3.67G | 3.670094G | 3.65092G | 3.689268G | 25.545 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-30°C | Pass | 3.68G | 3.680113G | 3.660958G | 3.699268G | 30.571 | 3.65G,3.7G,Inf | 1 | - |

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|-------------------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| 3680MHz_-20°C | Pass | 3.68G | 3.68009G | 3.660913G | 3.699268G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-10°C | Pass | 3.68G | 3.680131G | 3.660988G | 3.699275G | 35.666 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_0°C | Pass | 3.68G | 3.680101G | 3.660935G | 3.699268G | 27.514 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_10°C | Pass | 3.68G | 3.680071G | 3.660913G | 3.69923G | 19.361 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_20°C | Pass | 3.68G | 3.68009G | 3.66092G | 3.69926G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_30°C | Pass | 3.68G | 3.680109G | 3.660943G | 3.699275G | 29.552 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_40°C | Pass | 3.68G | 3.680101G | 3.660928G | 3.699275G | 27.514 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_50°C | Pass | 3.68G | 3.68009G | 3.66089G | 3.69929G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_126.5V | Pass | 3.68G | 3.680094G | 3.66092G | 3.699268G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_110V | Pass | 3.68G | 3.680109G | 3.66095G | 3.699268G | 29.552 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_93.5V | Pass | 3.68G | 3.68009G | 3.660905G | 3.699275G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_40MHz_16QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3670MHz_-30°C | Pass | 3.67G | 3.670105G | 3.650928G | 3.689283G | 28.61 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-20°C | Pass | 3.67G | 3.670113G | 3.650935G | 3.68929G | 30.654 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-10°C | Pass | 3.67G | 3.670083G | 3.650913G | 3.689253G | 22.48 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_0°C | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_10°C | Pass | 3.67G | 3.670098G | 3.650913G | 3.689283G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_20°C | Pass | 3.67G | 3.670075G | 3.650905G | 3.689245G | 20.436 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_30°C | Pass | 3.67G | 3.670098G | 3.650928G | 3.689268G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_40°C | Pass | 3.67G | 3.670109G | 3.650935G | 3.689283G | 29.632 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_50°C | Pass | 3.67G | 3.670124G | 3.650973G | 3.689275G | 33.719 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_126.5V | Pass | 3.67G | 3.670101G | 3.650928G | 3.689275G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_110V | Pass | 3.67G | 3.670083G | 3.650913G | 3.689253G | 22.48 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_93.5V | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-30°C | Pass | 3.68G | 3.680105G | 3.660935G | 3.699275G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-20°C | Pass | 3.68G | 3.680098G | 3.660935G | 3.69926G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-10°C | Pass | 3.68G | 3.680083G | 3.660905G | 3.69926G | 22.418 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_0°C | Pass | 3.68G | 3.68009G | 3.660913G | 3.699268G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_10°C | Pass | 3.68G | 3.680098G | 3.660898G | 3.699298G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_20°C | Pass | 3.68G | 3.68009G | 3.660905G | 3.699275G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_30°C | Pass | 3.68G | 3.680113G | 3.660935G | 3.69929G | 30.571 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_40°C | Pass | 3.68G | 3.680098G | 3.660905G | 3.69929G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_50°C | Pass | 3.68G | 3.680101G | 3.66092G | 3.699283G | 27.514 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_126.5V | Pass | 3.68G | 3.680083G | 3.66092G | 3.699245G | 22.418 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_110V | Pass | 3.68G | 3.680101G | 3.66092G | 3.699283G | 27.514 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_93.5V | Pass | 3.68G | 3.68009G | 3.66092G | 3.69926G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_40MHz_64QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3670MHz_-30°C | Pass | 3.67G | 3.670075G | 3.650913G | 3.689238G | 20.436 | 3.65G,3.7G,Inf | 1 | - |

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|--------------------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| 3670MHz_-20°C | Pass | 3.67G | 3.670105G | 3.650928G | 3.689283G | 28.61 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-10°C | Pass | 3.67G | 3.670116G | 3.65095G | 3.689283G | 31.676 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_0°C | Pass | 3.67G | 3.670109G | 3.650965G | 3.689253G | 29.632 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_10°C | Pass | 3.67G | 3.670068G | 3.650913G | 3.689223G | 18.392 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_20°C | Pass | 3.67G | 3.670086G | 3.650928G | 3.689245G | 23.501 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_30°C | Pass | 3.67G | 3.670086G | 3.650898G | 3.689275G | 23.501 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_40°C | Pass | 3.67G | 3.670101G | 3.65092G | 3.689283G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_50°C | Pass | 3.67G | 3.670098G | 3.650913G | 3.689283G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_126.5V | Pass | 3.67G | 3.670094G | 3.65092G | 3.689268G | 25.545 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_110V | Pass | 3.67G | 3.670101G | 3.650928G | 3.689275G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_93.5V | Pass | 3.67G | 3.670083G | 3.650905G | 3.68926G | 22.48 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-30°C | Pass | 3.68G | 3.680094G | 3.660905G | 3.699283G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-20°C | Pass | 3.68G | 3.680086G | 3.66092G | 3.699253G | 23.437 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-10°C | Pass | 3.68G | 3.680083G | 3.660875G | 3.69929G | 22.418 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_0°C | Pass | 3.68G | 3.680094G | 3.660905G | 3.699283G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_10°C | Pass | 3.68G | 3.680098G | 3.66092G | 3.699275G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_20°C | Pass | 3.68G | 3.680109G | 3.660943G | 3.699275G | 29.552 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_30°C | Pass | 3.68G | 3.68006G | 3.660905G | 3.699215G | 16.304 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_40°C | Pass | 3.68G | 3.680105G | 3.660943G | 3.699268G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_50°C | Pass | 3.68G | 3.68012G | 3.66095G | 3.69929G | 32.609 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_126.5V | Pass | 3.68G | 3.680105G | 3.660913G | 3.699298G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_110V | Pass | 3.68G | 3.68012G | 3.660965G | 3.699275G | 32.609 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_93.5V | Pass | 3.68G | 3.680098G | 3.660898G | 3.699298G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| Band 43_40MHz_256QAM_2TX | - | - | - | - | - | - | - | - | - |
| 3670MHz_-30°C | Pass | 3.67G | 3.670094G | 3.650905G | 3.689283G | 25.545 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-20°C | Pass | 3.67G | 3.670101G | 3.650935G | 3.689268G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_-10°C | Pass | 3.67G | 3.670094G | 3.650935G | 3.689253G | 25.545 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_0°C | Pass | 3.67G | 3.670079G | 3.650913G | 3.689245G | 21.458 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_10°C | Pass | 3.67G | 3.670128G | 3.650958G | 3.689298G | 34.741 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_20°C | Pass | 3.67G | 3.670101G | 3.650913G | 3.68929G | 27.589 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_30°C | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_40°C | Pass | 3.67G | 3.670079G | 3.650905G | 3.689253G | 21.458 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_50°C | Pass | 3.67G | 3.670116G | 3.65095G | 3.689283G | 31.676 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_126.5V | Pass | 3.67G | 3.670098G | 3.65092G | 3.689275G | 26.567 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_110V | Pass | 3.67G | 3.670113G | 3.650935G | 3.68929G | 30.654 | 3.65G,3.7G,Inf | 1 | - |
| 3670MHz_93.5V | Pass | 3.67G | 3.670116G | 3.650943G | 3.68929G | 31.676 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-30°C | Pass | 3.68G | 3.680098G | 3.660898G | 3.699298G | 26.495 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_-20°C | Pass | 3.68G | 3.680094G | 3.660928G | 3.69926G | 25.476 | 3.65G,3.7G,Inf | 1 | - |



Frequency Stability Result

Appendix F

| Mode | Result | Ch (Hz) | Center (Hz) | Fl (Hz) | Fh (Hz) | ppm | Limit (Fl,Fh,ppm) | Port | Remark |
|----------------|--------|------------|----------------|------------|------------|--------|----------------------|------|--------|
| 3680MHz_-10°C | Pass | 3.68G | 3.680094G | 3.660928G | 3.69926G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_0°C | Pass | 3.68G | 3.680094G | 3.660913G | 3.699275G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_10°C | Pass | 3.68G | 3.68009G | 3.660905G | 3.699275G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_20°C | Pass | 3.68G | 3.680105G | 3.660928G | 3.699283G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_30°C | Pass | 3.68G | 3.68009G | 3.66089G | 3.69929G | 24.457 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_40°C | Pass | 3.68G | 3.680086G | 3.660898G | 3.699275G | 23.437 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_50°C | Pass | 3.68G | 3.680109G | 3.660958G | 3.69926G | 29.552 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_126.5V | Pass | 3.68G | 3.680094G | 3.660913G | 3.699275G | 25.476 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_110V | Pass | 3.68G | 3.680105G | 3.660935G | 3.699275G | 28.533 | 3.65G,3.7G,Inf | 1 | - |
| 3680MHz_93.5V | Pass | 3.68G | 3.680094G | 3.660943G | 3.699245G | 25.476 | 3.65G,3.7G,Inf | 1 | - |