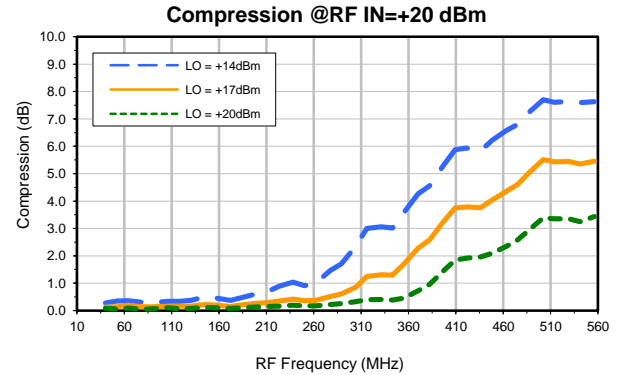
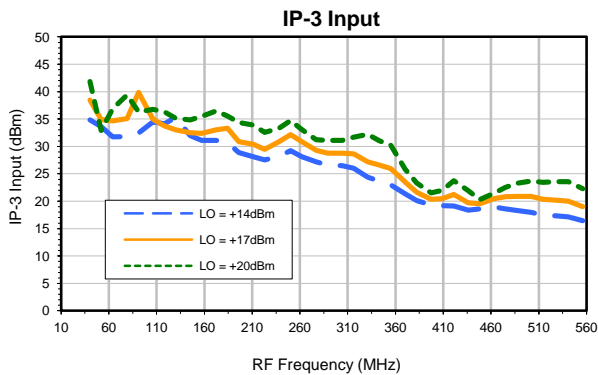
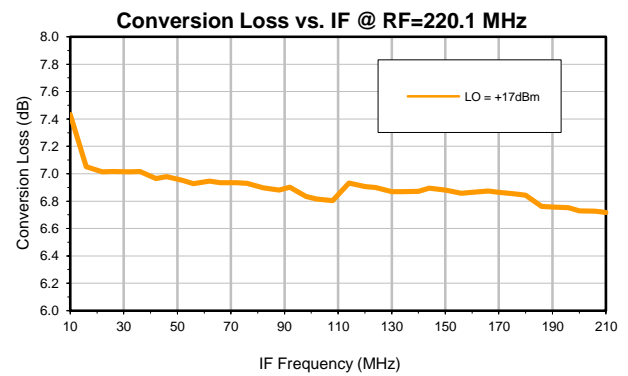
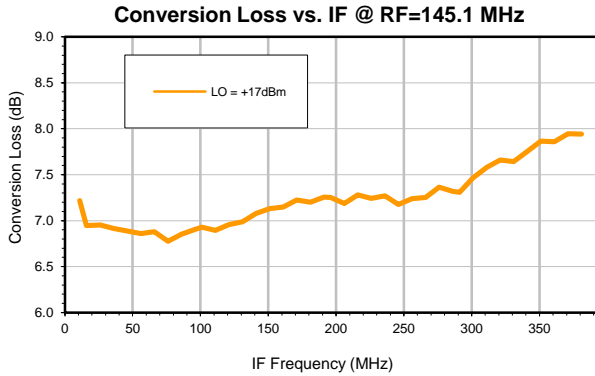
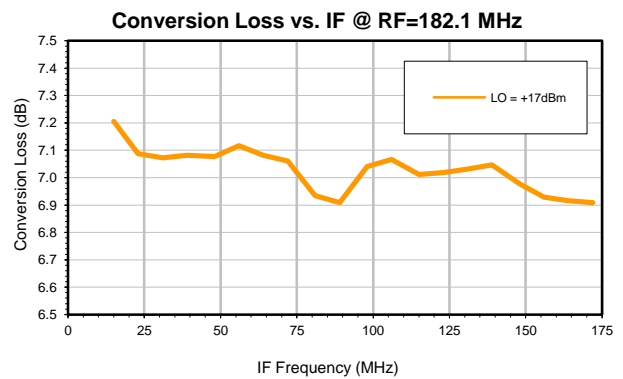
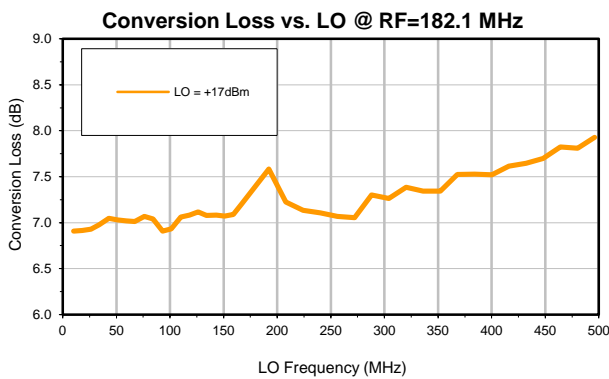
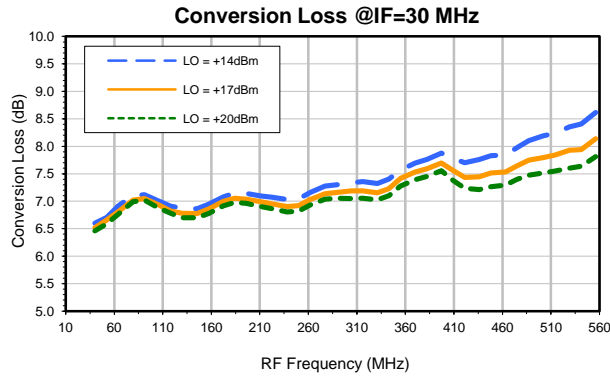
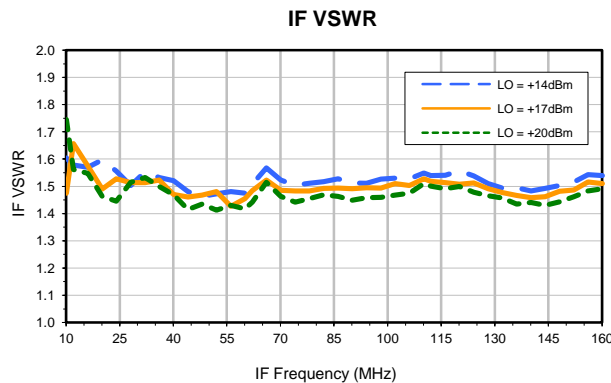
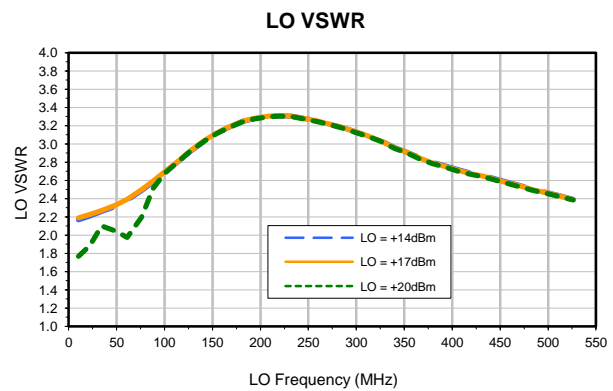
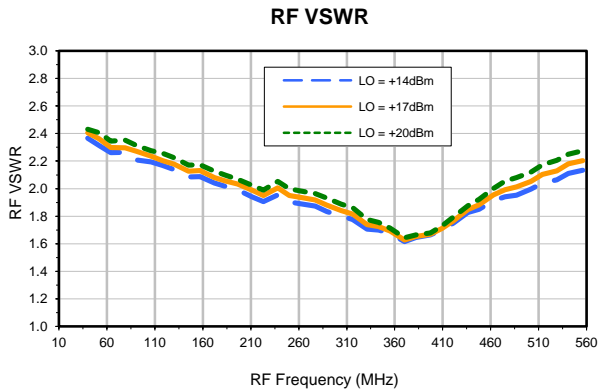
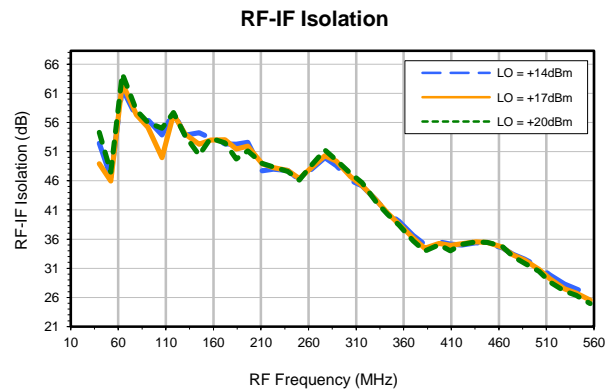
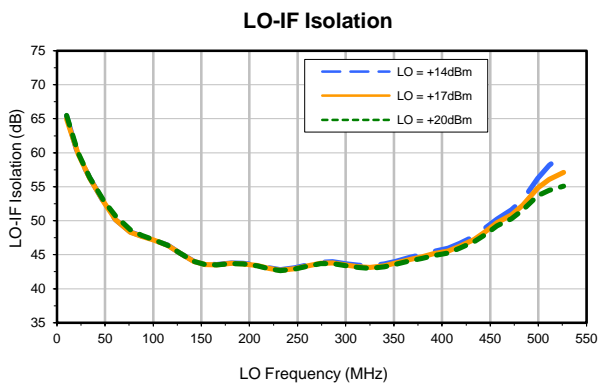
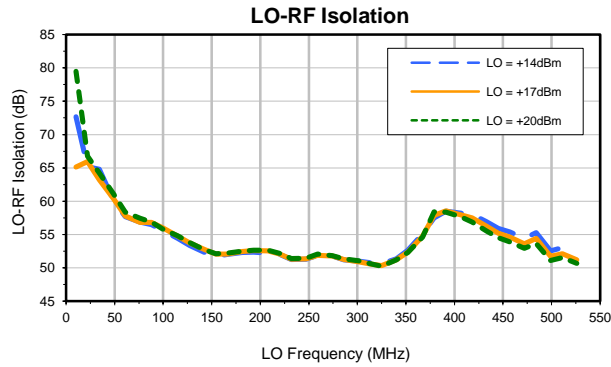


Typical Performance Curves



Typical Performance Curves



Harmonics Tables

RF HARMONICS ORDER

| | (-dBm) | (-dBc) | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0 | --- | --- | 17.16 | 35.04 | 43.12 | 41.75 | 38.25 | 33.50 | 42.64 | 35.38 | 51.62 | 39.99 |
| 1 | --- | 44.24 | --- | 60.75 | 9.90 | 61.44 | 15.41 | 54.30 | 19.01 | 67.21 | 24.50 | 72.62 |
| 2 | 104.19 | 55.42 | 62.67 | 57.33 | 85.33 | 57.51 | 68.55 | 55.62 | 67.47 | 54.54 | 71.45 | 56.28 |
| 3 | 112.54 | 78.77 | 78.21 | 81.76 | 70.12 | 80.53 | 67.36 | 79.80 | 61.06 | 79.18 | 60.42 | 78.28 |
| 4 | 121.67 | 89.49 | 95.69 | 90.84 | 97.46 | 90.63 | 116.04 | 94.52 | 97.23 | 87.71 | 92.86 | 85.19 |
| 5 | 121.38 | 88.98 | 84.53 | 89.35 | 81.22 | 89.37 | 86.89 | 89.85 | 86.90 | 89.39 | 80.60 | 88.44 |
| 6 | 120.63 | 100.59 | 115.09 | 97.42 | 115.19 | 94.42 | 114.46 | 90.24 | 105.37 | 102.10 | 110.63 | 103.41 |
| 7 | 122.71 | 104.72 | 92.65 | 101.92 | 90.14 | 101.92 | 89.61 | 100.88 | 90.87 | 102.93 | 90.90 | 102.46 |
| 8 | 122.31 | 118.46 | 116.92 | 113.45 | 115.31 | 107.74 | 117.71 | 103.91 | 115.81 | 94.37 | 117.37 | 95.72 |
| 9 | 121.37 | 115.06 | 109.70 | 115.56 | 104.28 | 112.74 | 105.14 | 114.09 | 101.68 | 110.57 | 99.85 | 114.33 |
| 10 | 121.61 | 117.97 | 117.84 | 115.84 | 119.32 | 118.28 | 115.01 | 117.40 | 116.19 | 118.49 | 116.82 | 113.37 |
| | RF CAL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

LO HARMONICS ORDER

Test conditions: RF IN: 183 MHz; 0 dBm.
 LO IN: 153 MHz; +17.00 dBm
 IF OUT: 30 MHz; - 7.06 dBm

RF HARMONICS ORDER

| | (-dBm) | (-dBc) | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|
| 0 | --- | --- | 21.10 | 28.50 | 41.10 | 39.13 | 43.08 | 38.87 | 50.06 | 41.73 | 64.38 | 44.81 |
| 1 | --- | 30.34 | --- | 49.77 | 10.11 | 55.83 | 15.97 | 52.68 | 20.36 | 76.89 | 26.59 | 69.31 |
| 2 | 93.53 | 45.66 | 50.51 | 46.77 | 58.16 | 47.37 | 57.40 | 47.06 | 62.36 | 47.41 | 72.41 | 51.43 |
| 3 | 103.31 | 72.32 | 56.63 | 74.11 | 50.90 | 73.81 | 47.66 | 71.80 | 43.74 | 70.21 | 42.51 | 81.52 |
| 4 | 107.59 | 68.35 | 67.68 | 69.64 | 65.20 | 71.54 | 66.62 | 70.59 | 64.77 | 65.55 | 65.90 | 63.39 |
| 5 | 105.17 | 84.32 | 68.45 | 85.14 | 75.46 | 84.50 | 67.95 | 84.45 | 65.32 | 82.27 | 69.65 | 80.76 |
| 6 | 106.43 | 78.97 | 86.02 | 80.81 | 82.47 | 80.38 | 82.00 | 84.91 | 82.49 | 86.88 | 80.49 | 82.69 |
| 7 | 106.21 | 87.81 | 77.24 | 86.22 | 80.64 | 87.78 | 81.17 | 86.28 | 79.09 | 85.70 | 80.05 | 85.11 |
| 8 | 106.72 | 92.20 | 104.83 | 90.77 | 115.60 | 89.82 | 99.99 | 89.83 | 99.49 | 94.36 | 97.50 | 93.15 |
| 9 | 106.96 | 96.19 | 86.01 | 94.03 | 85.12 | 91.36 | 79.96 | 91.52 | 83.44 | 90.65 | 82.97 | 90.15 |
| 10 | 107.62 | 109.13 | 101.78 | 110.74 | 99.69 | 106.38 | 96.15 | 99.92 | 97.74 | 100.29 | 97.03 | 105.82 |
| | RF CAL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

LO HARMONICS ORDER

Test conditions: RF IN: 183 MHz; 10 dBm.
 LO IN: 153 MHz; +17.00 dBm
 IF OUT: 30 MHz; 2.73 dBm

- Notes:
1. All Harmonics are in (dBc) relative to IF OUTPUT
 2. + entry denotes harmonics are in (dBc) above IF OUTPUT
 3. RF Cal represents the Harmonics level of the RF Input Signal to the mixer