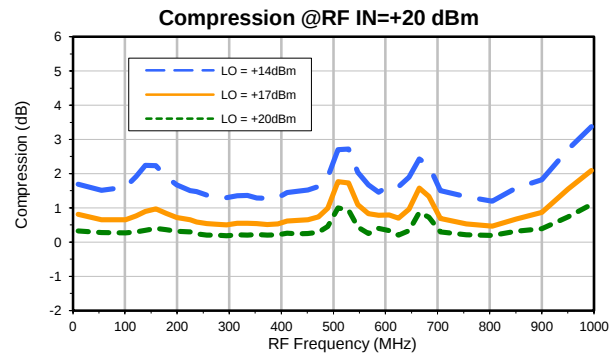
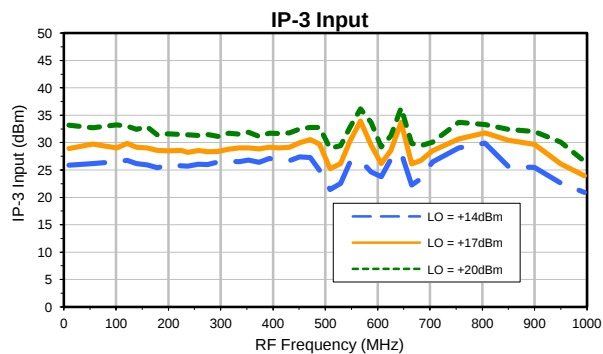
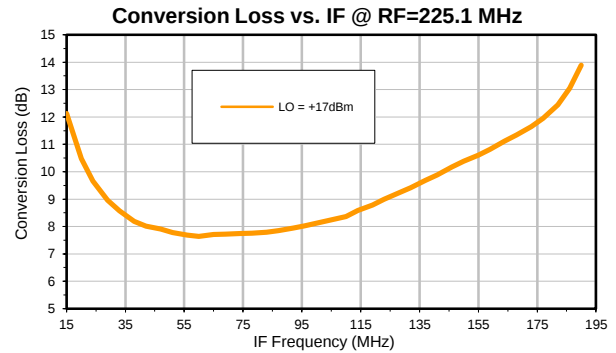
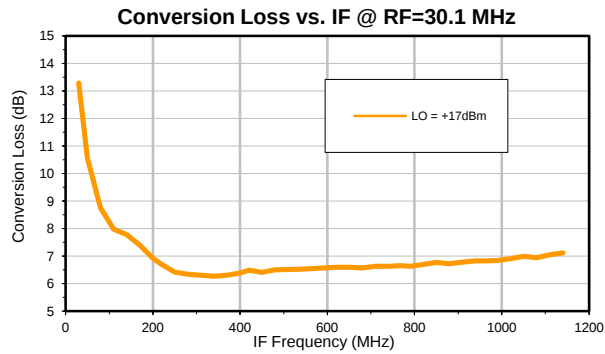
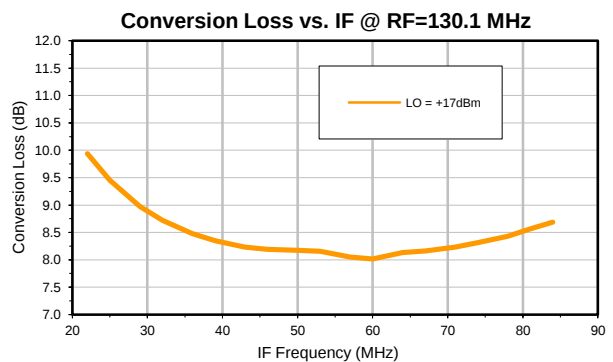
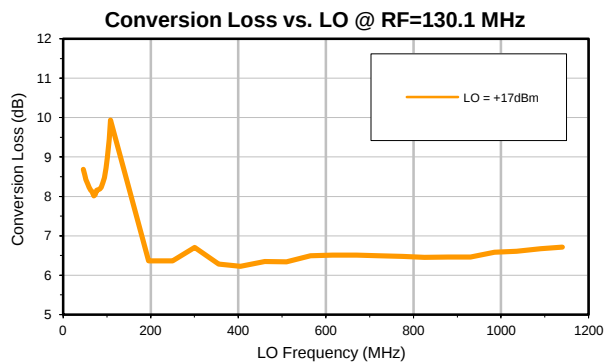
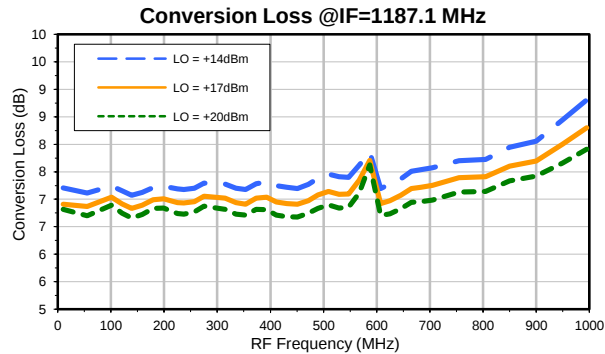
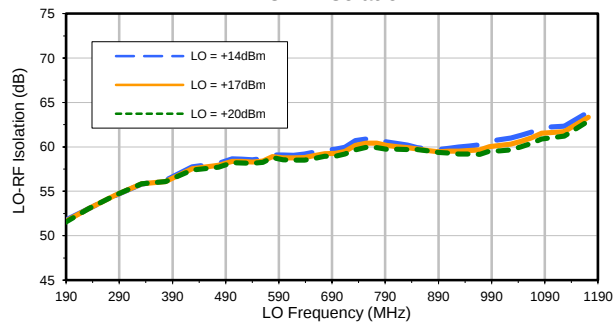


Typical Performance Curves

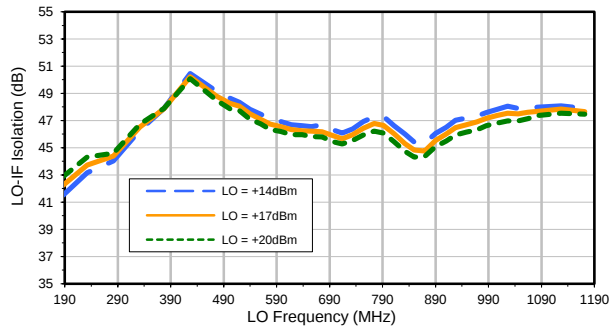


Typical Performance Curves

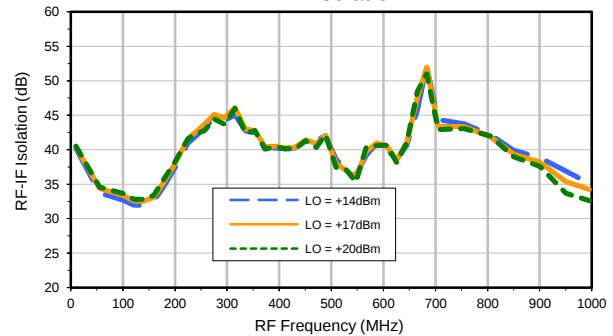
LO-RF Isolation



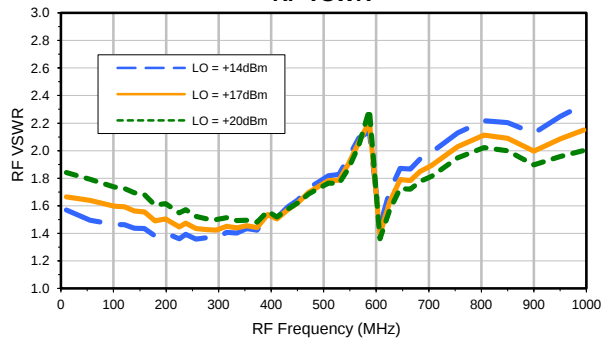
LO-IF Isolation



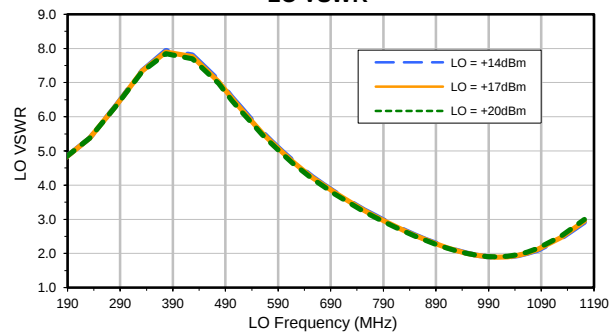
RF-IF Isolation



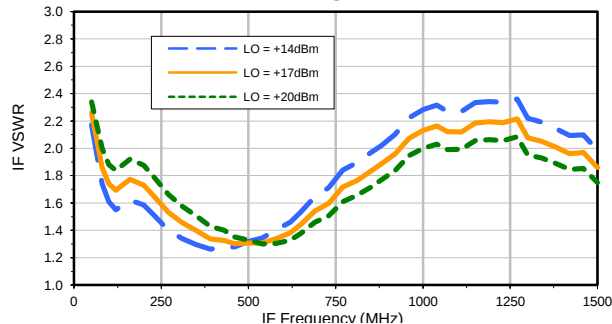
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	23.4	29.2	26.4	23.3	34.4	24.8	40.3	46.9	52.8	60.4
1	---	25.2	---	41.4	13.4	35.8	23.9	42.2	37.3	49.1	47.3	52.0
2	85.5	63.5	48.7	57.6	46.1	61.6	52.4	68.0	58.7	67.4	66.0	73.0
3	115.4	75.6	66.0	73.6	62.8	74.2	69.6	89.9	85.6	87.1	93.7	95.5
4	115.5	97.2	88.6	92.3	81.8	94.7	91.0	97.6	99.6	98.2	92.8	101.9
5	114.0	99.9	92.4	102.0	93.6	101.1	96.1	101.4	103.3	101.9	101.8	102.2
6	115.7	104.8	105.8	104.3	101.6	104.9	101.8	102.6	102.4	102.9	100.1	103.7
7	114.2	104.5	103.1	104.8	104.7	101.6	102.3	103.6	103.8	102.3	101.6	101.2
8	116.3	104.7	104.4	104.4	103.0	102.1	104.9	102.8	103.8	101.3	102.4	101.6
9	115.9	102.6	106.2	105.0	103.1	101.8	102.7	103.1	102.5	103.0	103.1	102.9
10	115.3	105.1	104.3	103.6	104.2	101.5	100.2	102.6	102.1	103.2	101.4	102.5
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 127 MHz; 0 dBm.
LO IN: 1060 MHz; +17.00 dBm
IF OUT: 1187 MHz; -7.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	27.4	35.4	27.7	35.7	35.4	33.6	44.5	51.0	53.3	59.6
1	---	25.6	---	46.8	14.1	37.9	25.4	41.1	39.2	49.5	49.4	53.7
2	68.4	58.7	38.7	47.6	36.6	50.2	46.5	55.4	51.5	58.3	60.9	62.9
3	95.7	56.4	44.1	54.1	41.0	54.7	45.3	68.8	55.7	70.8	62.0	77.2
4	107.2	68.1	69.0	69.5	58.8	68.1	61.2	93.7	68.2	80.3	69.6	78.2
5	109.4	79.1	68.3	73.5	66.4	73.1	71.2	93.4	82.7	90.4	80.9	86.2
6	108.7	81.0	79.5	79.7	75.8	77.7	81.9	89.6	101.6	88.1	87.2	102.9
7	108.0	83.8	84.6	85.2	84.0	81.5	84.2	87.2	90.6	92.5	89.8	101.1
8	108.1	102.8	91.0	98.7	89.4	92.9	99.7	100.9	94.9	105.9	100.8	104.3
9	108.6	93.1	90.2	94.3	89.2	90.8	93.4	98.2	102.2	99.8	105.8	112.9
10	107.1	103.2	101.2	97.9	97.3	94.7	103.7	101.9	104.2	108.6	104.1	110.0
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 127 MHz; 10 dBm.
LO IN: 1060 MHz; +17.00 dBm
IF OUT: 1187 MHz; 2.76 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



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IF/RF MICROWAVE COMPONENTS

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