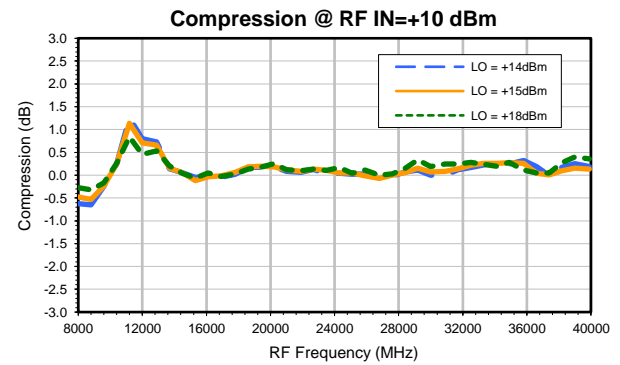
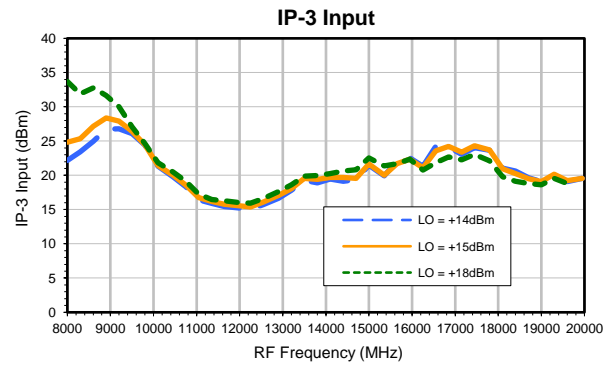
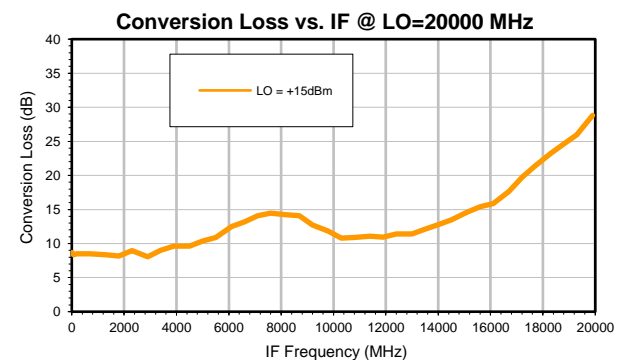
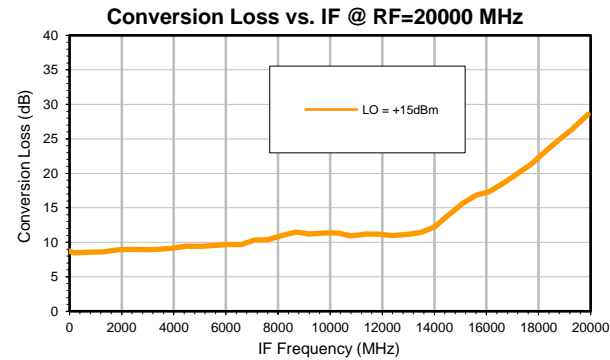
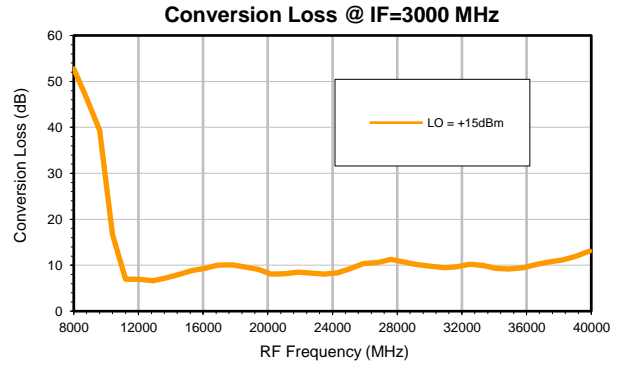
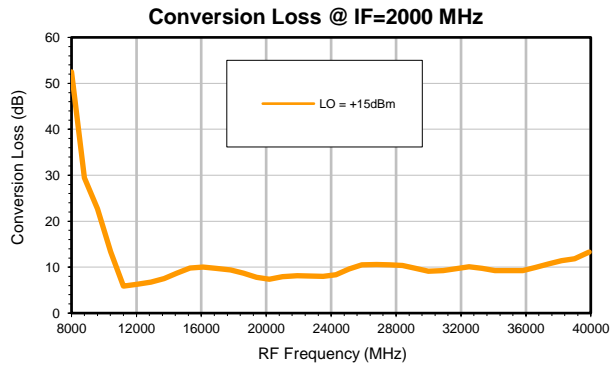
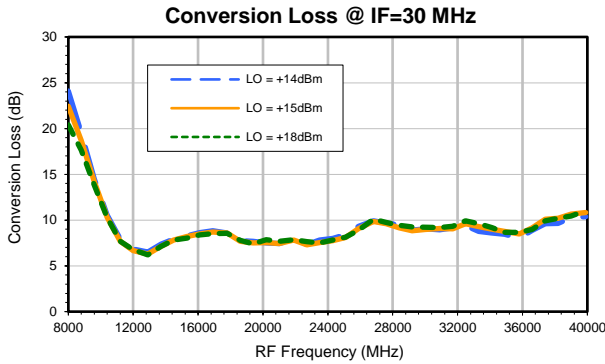


## Typical Performance Curves

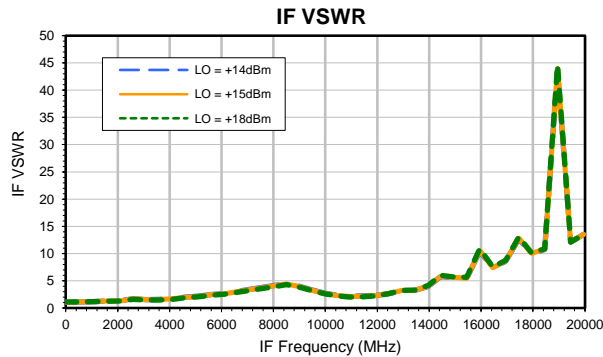
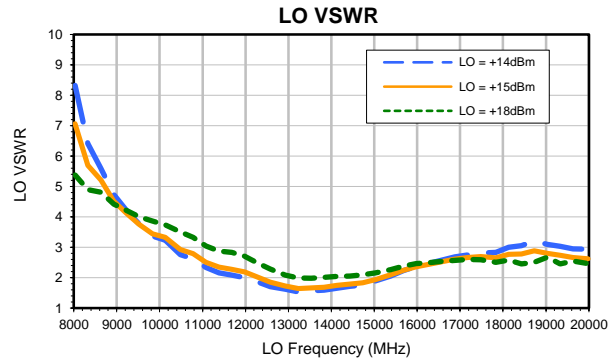
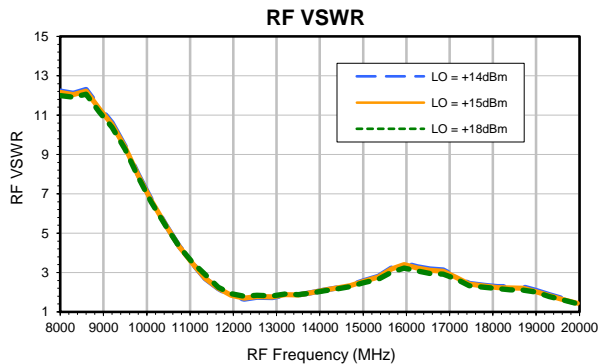
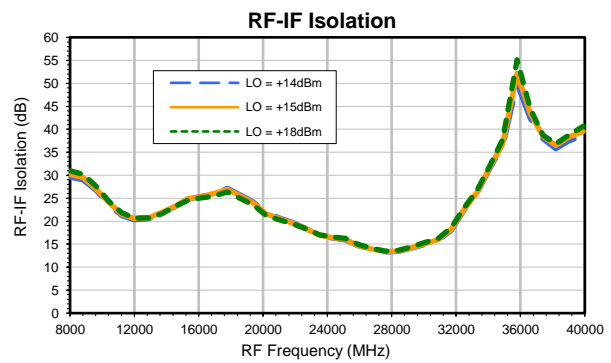
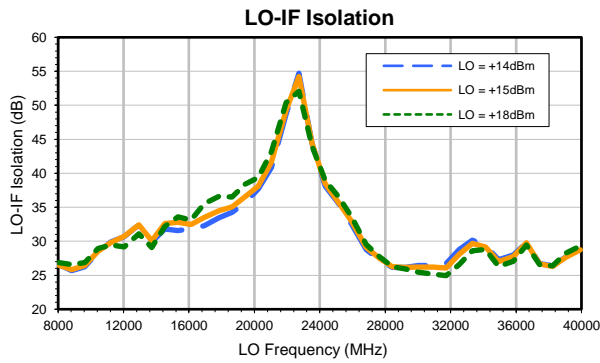
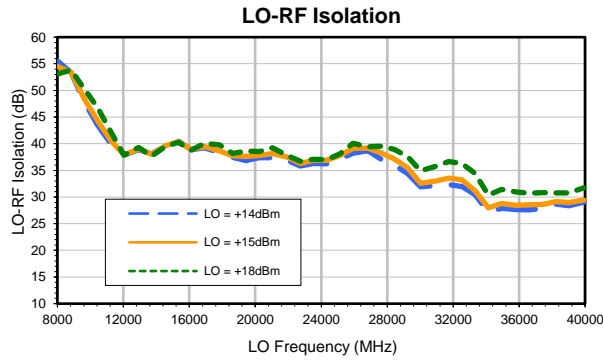


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IF/RF MICROWAVE COMPONENTS

## Typical Performance Curves



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	13.47	22.65	---	---	---	---	---	---	---	---
1	---	9.82	---	35.55	---	---	---	---	---	---	---	---
2	69.95	47.00	67.58	56.46	52.78	---	---	---	---	---	---	---
3	---	---	59.96	71.93	54.77	72.68	---	---	---	---	---	---
4	---	---	---	80.60	94.71	88.92	85.32	---	---	---	---	---
5	---	---	---	---	83.90	95.83	91.59	86.59	---	---	---	---
6	---	---	---	---	---	82.38	95.75	96.48	80.32	---	---	---
7	---	---	---	---	---	---	81.78	98.55	91.06	83.17	---	---
8	---	---	---	---	---	---	---	86.98	96.39	95.53	82.17	---
9	---	---	---	---	---	---	---	---	87.92	98.18	92.11	81.65
10	---	---	---	---	---	---	---	---	---	92.98	101.10	93.71
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 23000 MHz; 0 dBm.  
 LO IN: 25000 MHz; +15 dBm  
 IF OUT: 2000 MHz; -8.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	23.51	31.28	---	---	---	---	---	---	---	---
1	---	9.41	---	38.47	---	---	---	---	---	---	---	---
2	61.17	36.49	57.35	50.69	45.32	---	---	---	---	---	---	---
3	---	---	35.51	48.40	33.25	51.58	---	---	---	---	---	---
4	---	---	---	59.68	56.54	57.08	65.03	---	---	---	---	---
5	---	---	---	---	64.38	64.83	53.19	84.01	---	---	---	---
6	---	---	---	---	---	80.49	63.48	71.90	74.62	---	---	---
7	---	---	---	---	---	---	82.37	70.61	56.58	82.83	---	---
8	---	---	---	---	---	---	---	85.58	67.26	77.86	71.69	---
9	---	---	---	---	---	---	---	---	82.60	79.63	78.17	80.73
10	---	---	---	---	---	---	---	---	---	91.13	69.87	91.24
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 23000 MHz; +10 dBm.  
 LO IN: 25000 MHz; +15 dBm  
 IF OUT: 2000 MHz; 1.69 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

