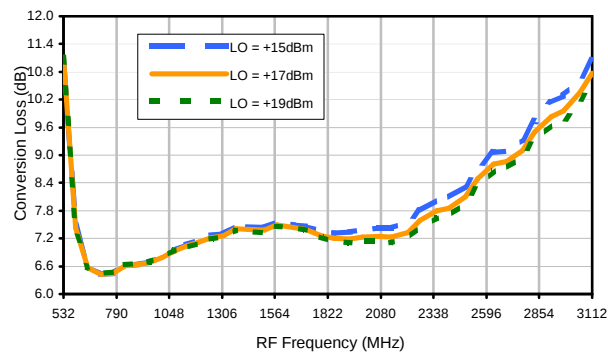
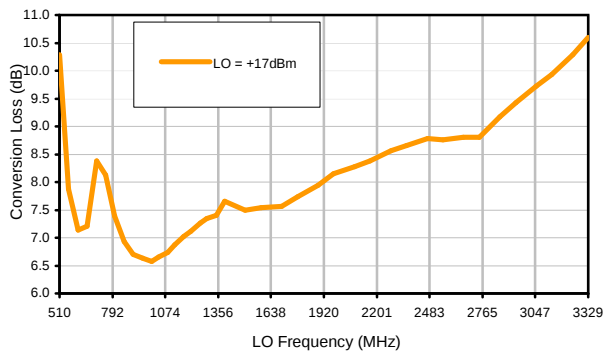


Typical Performance Curves

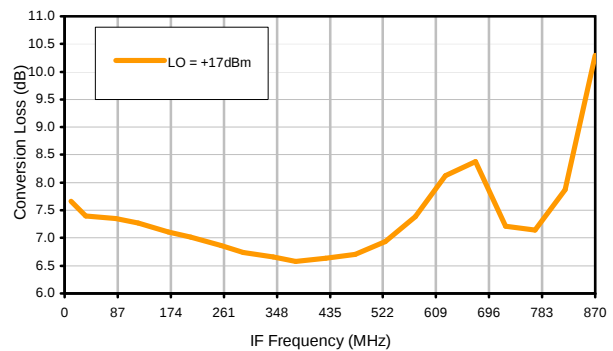
Conversion Loss @ IF=46MHz



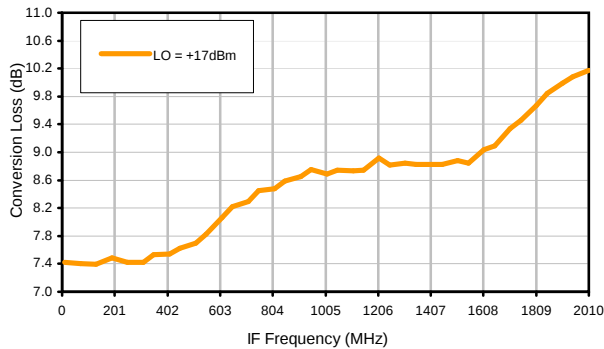
Conversion Loss vs. LO @ RF=1380MHz



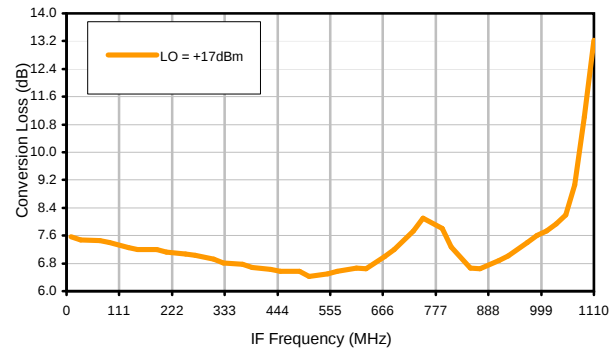
Conversion Loss vs. IF @ RF=1380MHz



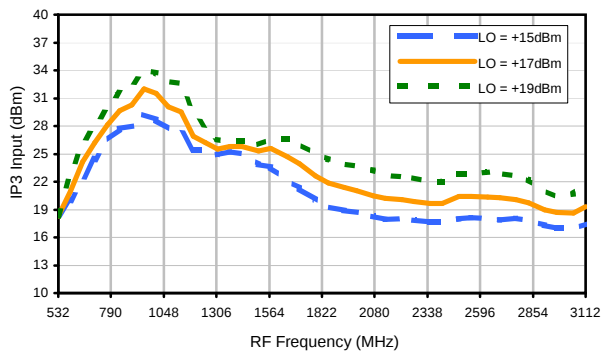
Conversion Loss vs. IF @ RF=1172MHz



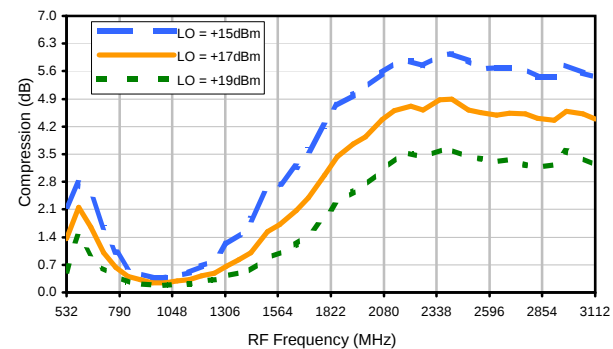
Conversion Loss vs. IF @ RF=1588.1MHz



IP3 Input

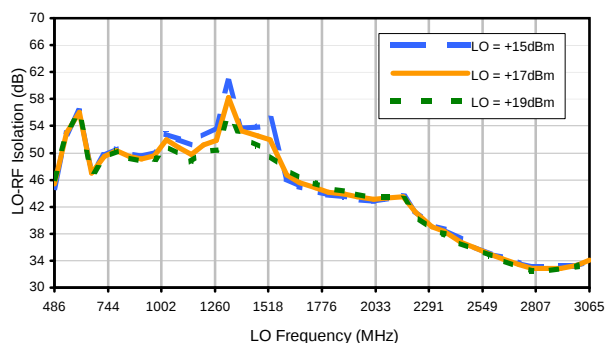


Compression @ RF IN=+17dBm

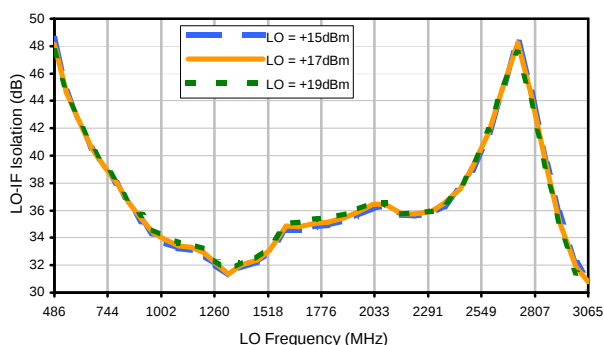


Typical Performance Curves

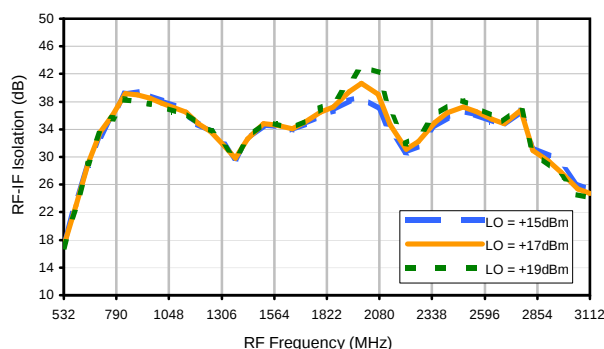
LO-RF Isolation



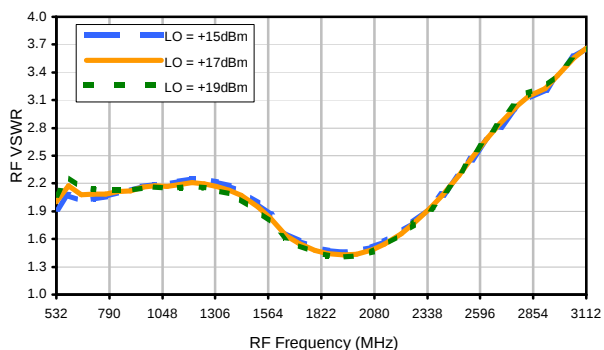
LO-IF Isolation



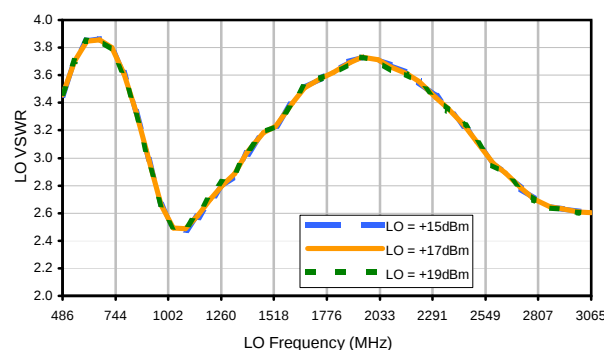
RF-IF Isolation



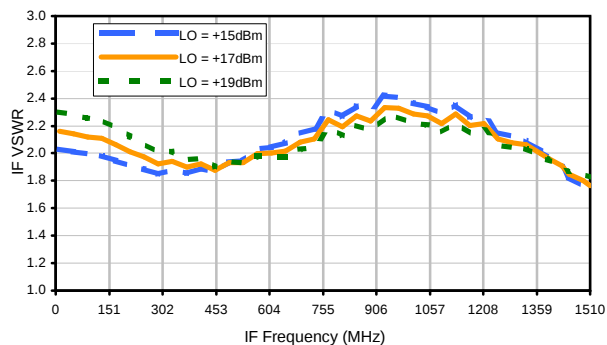
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	22	27	32	42	54	43	43	49	55
1	-	22	+0	38	16	34	28	40	46	47	48	49
2	50	53	45	63	46	58	52	52	63	54	73	62
3	>90	68	51	71	47	68	50	64	57	68	72	70
4	>90	83	>85	83	73	>85	77	82	79	80	>85	>85
5	>90	>85	>85	>85	>85	80	82	84	82	>85	>85	>85
6	>90	>85	>85	>85	>85	>85	>85	>85	84	>85	>85	>85
7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1380 MHz; 2.00 dBm.
LO IN: 1334 MHz; +17.00 dBm
IF OUT: 46 MHz; -5.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	33	35	51	49	43	55	53	70	68
1	-	22	+0	36	18	34	35	42	53	51	54	54
2	30	45	39	54	43	52	49	50	62	54	64	63
3	70	51	34	54	30	56	34	48	43	54	60	60
4	83	71	59	63	51	66	54	69	59	62	68	63
5	>90	90	63	70	51	63	46	61	48	59	54	64
6	>90	79	82	91	73	74	64	76	66	77	68	74
7	>90	93	85	90	76	74	65	66	60	66	62	67
8	>90	92	>94	94	>94	89	88	80	81	82	80	84
9	>90	>94	90	91	>94	>94	92	81	76	72	68	72
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1380 MHz; 12.00 dBm.
LO IN: 1334 MHz; +17.00 dBm
IF OUT: 46 MHz; 4.33 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 represent the Harmonics level of the RF input signal to the mixer.