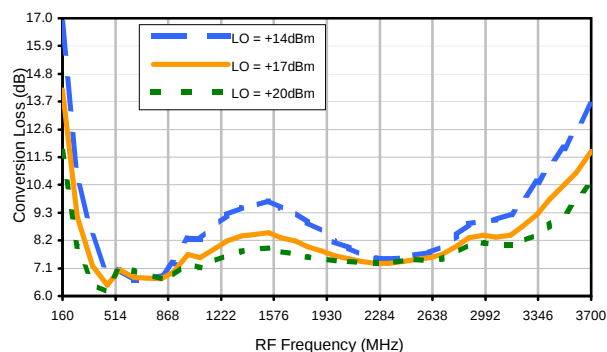
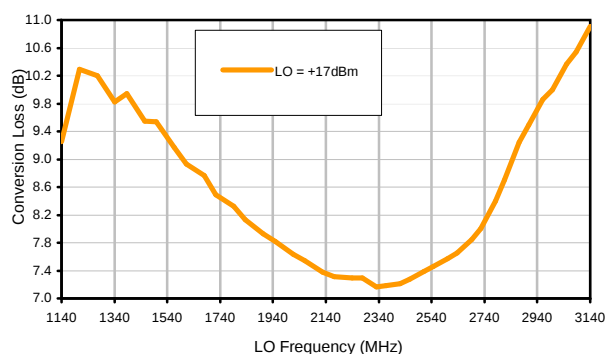


Typical Performance Curves

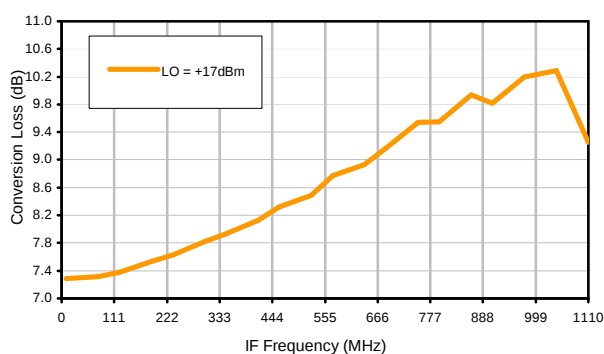
Conversion Loss @ IF=30MHz



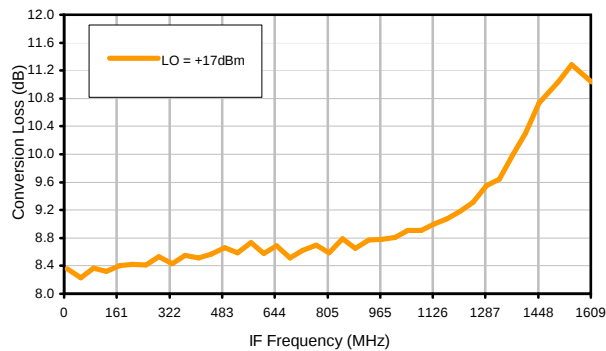
Conversion Loss vs. LO @ RF=2250MHz



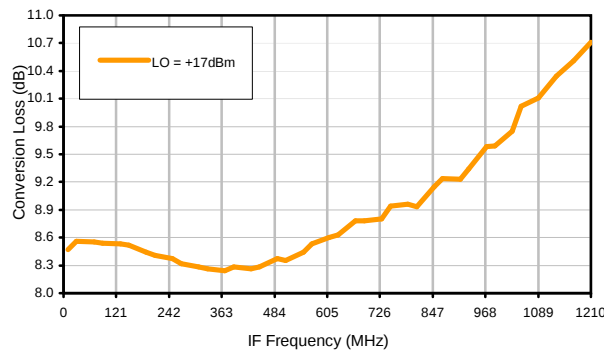
Conversion Loss vs. IF @ RF=2250MHz



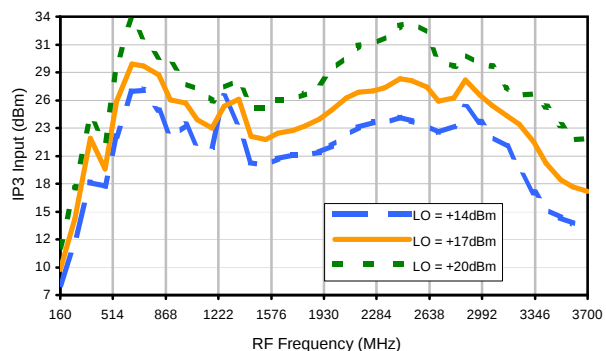
Conversion Loss vs. IF @ RF=1400MHz



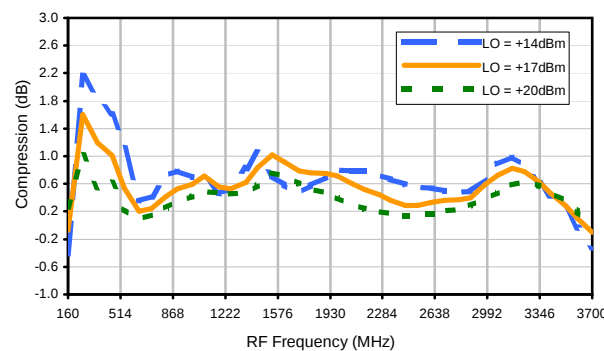
Conversion Loss vs. IF @ RF=3100MHz



IP3 Input

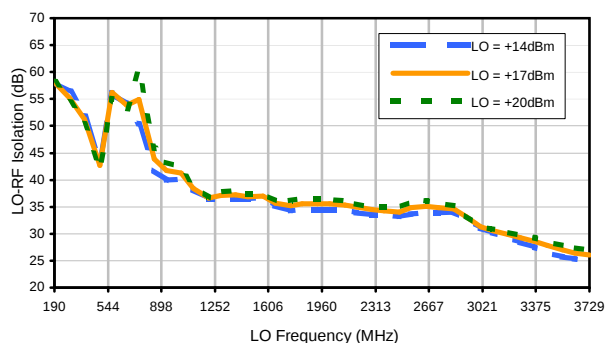


Compression @ RF IN=+16dBm

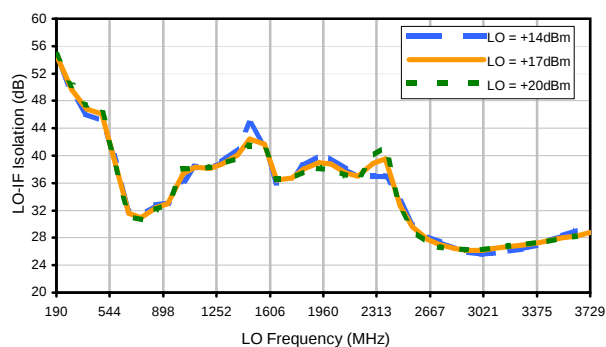


Typical Performance Curves

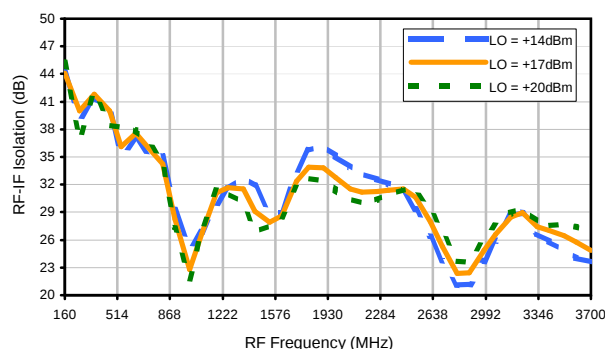
LO-RF Isolation



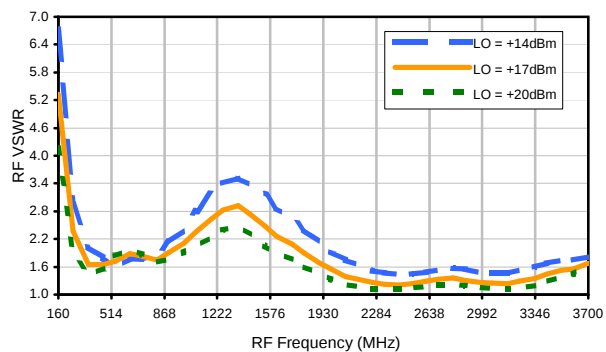
LO-IF Isolation



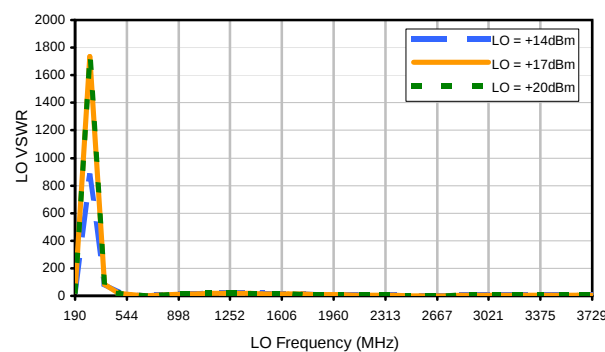
RF-IF Isolation



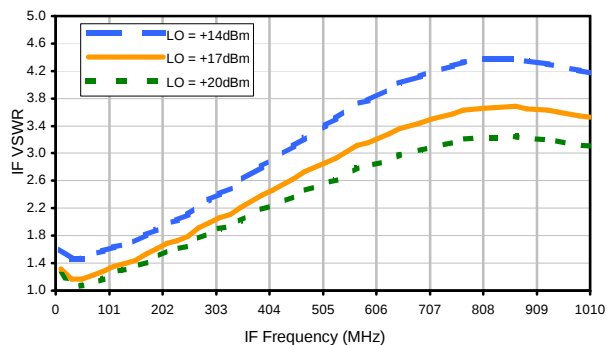
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	15	38	28	28	47	46	67	66	65
1	-	24	+0	29	18	35	31	38	63	45	62	72
2	58	48	57	54	61	58	64	62	54	73	73	>84
3	>90	74	58	72	51	65	58	70	69	68	>84	73
4	>90	>84	>84	>84	>84	81	>84	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	80	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2250 MHz; 1.00 dBm.
 LO IN: 2280 MHz; +17.00 dBm
 IF OUT: 30 MHz; -6.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	26	54	39	38	58	59	81	90	89
1	-	24	+0	30	19	36	33	41	62	51	63	84
2	38	39	51	49	52	54	57	56	49	71	65	82
3	62	61	39	62	35	51	43	55	56	58	78	63
4	86	67	80	68	62	67	74	67	68	71	67	82
5	>90	85	68	75	59	67	51	64	58	70	71	68
6	>90	90	75	82	>94	>94	74	73	85	76	79	80
7	>90	91	>94	>94	82	82	72	73	63	73	68	83
8	>90	>94	>94	>94	86	93	>94	>94	82	82	93	85
9	>90	>94	>94	>94	>94	>94	>94	88	84	79	74	79
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	87	93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2250 MHz; 11.00 dBm.
 LO IN: 2280 MHz; +17.00 dBm
 IF OUT: 30 MHz; 3.51 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.