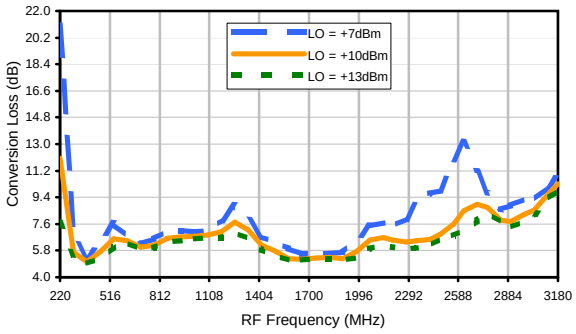
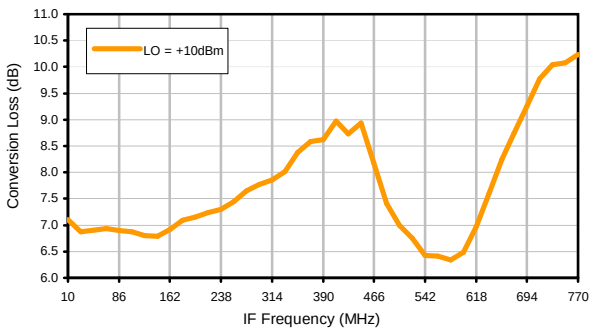
Typical Performance Curves

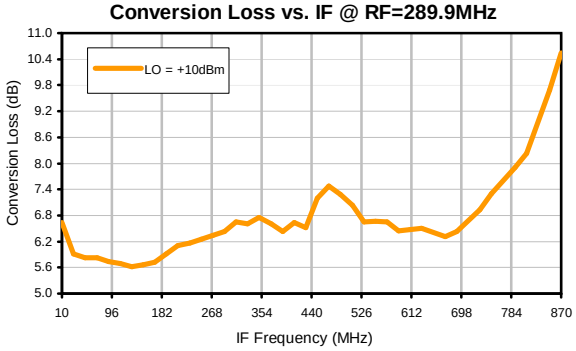
Conversion Loss @ IF=30MHz



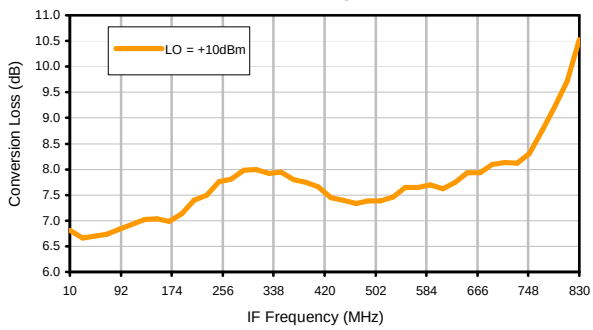
Conversion Loss vs. IF @ RF=1210.1MHz



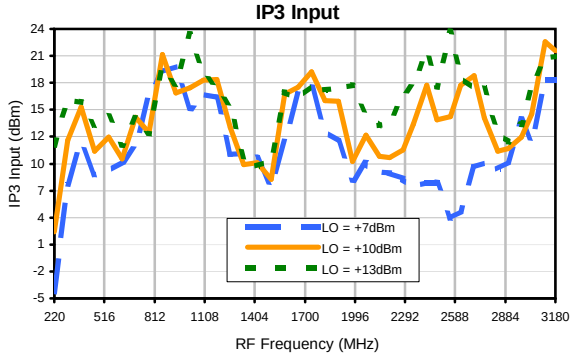
Conversion Loss vs. IF @ RF=289.9MHz



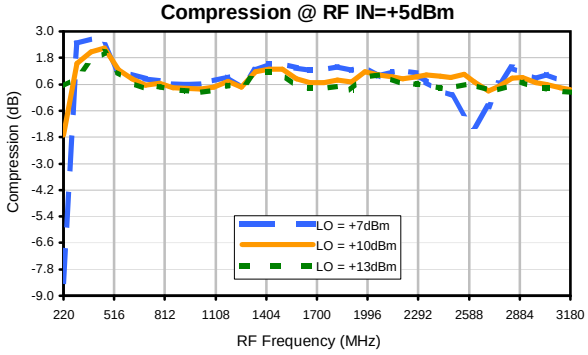
Conversion Loss vs. IF @ RF=2410.1MHz



IP3 Input

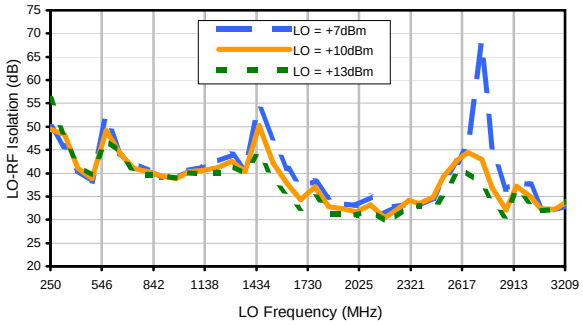


Compression @ RF IN=+5dBm

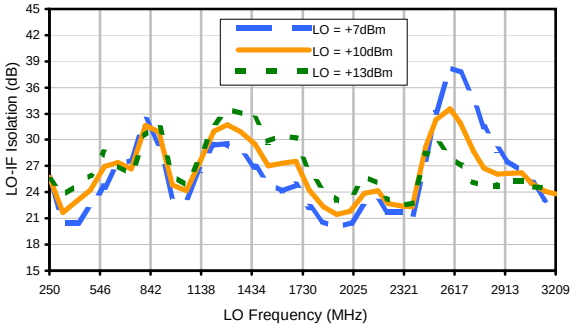


Typical Performance Curves

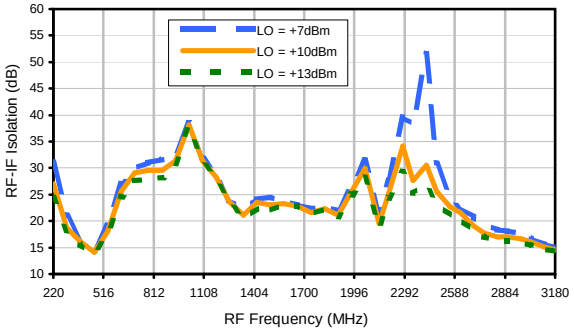
LO-RF Isolation



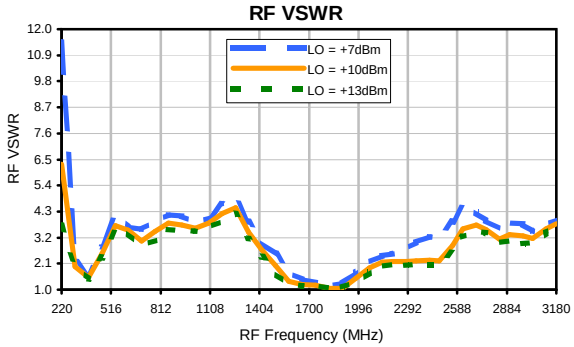
LO-IF Isolation



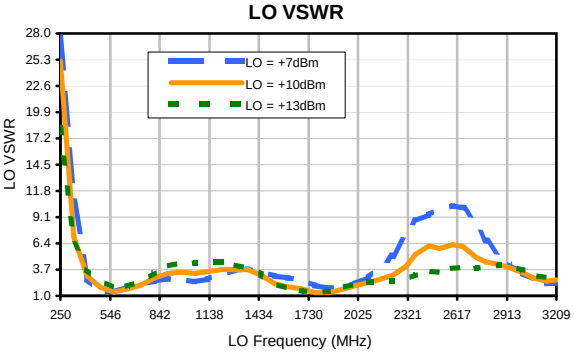
RF-IF Isolation



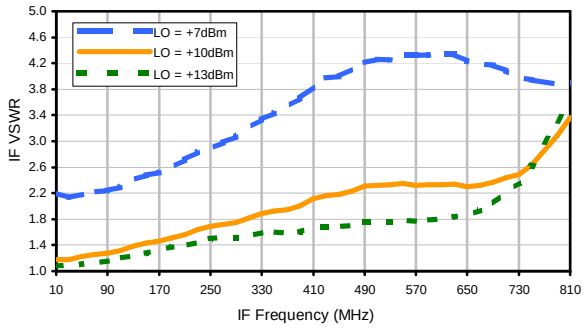
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	21	8	23	19	24	35	43	36	49
1	-	14	+0	19	27	22	36	38	27	44	36	49
2	74	52	66	60	53	54	44	59	54	54	60	55
3	>90	52	64	61	48	64	57	63	67	65	54	63
4	>90	>73	>73	>73	>73	>73	>73	>73	70	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	71	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
10	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 1350 MHz; -10.00 dBm.
LO IN: 1380 MHz; +10.00 dBm
IF OUT: 30 MHz; -17.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	31	19	35	32	36	43	63	47	68
1	-	13	+0	21	28	25	41	46	35	60	53	68
2	54	45	51	45	45	49	42	56	52	56	57	64
3	>90	38	45	45	29	43	43	49	55	62	47	55
4	>90	80	59	72	71	55	78	64	51	60	64	57
5	>90	57	66	54	59	>83	43	54	53	57	63	63
6	>90	61	67	78	67	80	75	64	78	68	60	69
7	>90	74	70	71	73	67	65	>83	53	66	60	67
8	>90	>83	>83	75	>83	>83	78	>83	>83	67	76	74
9	>90	82	>83	>83	77	82	79	77	74	>83	63	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1350 MHz; 0.00 dBm.
LO IN: 1380 MHz; +10.00 dBm
IF OUT: 30 MHz; -7.25 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.