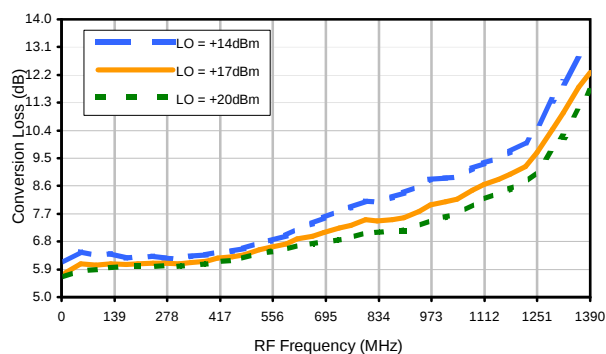
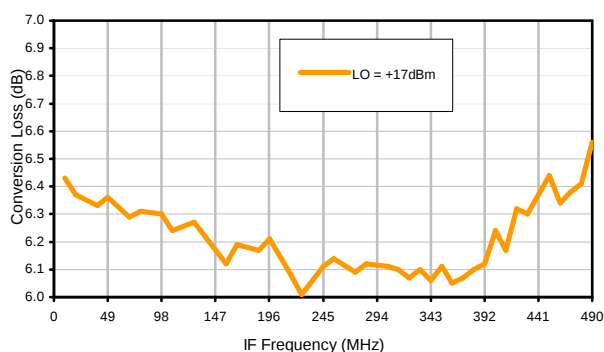


Typical Performance Curves

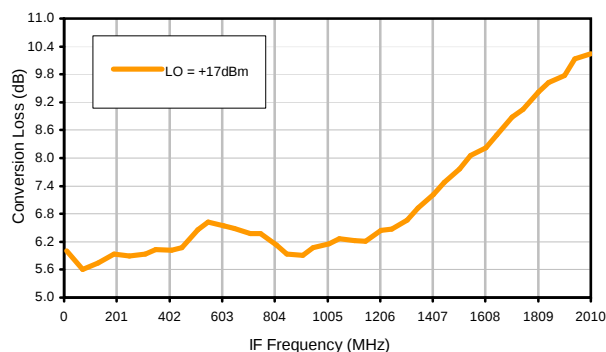
Conversion Loss @ IF=30MHz



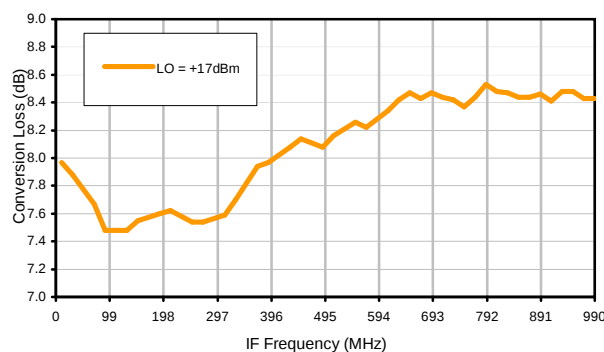
Conversion Loss vs. IF @ RF=500.1MHz



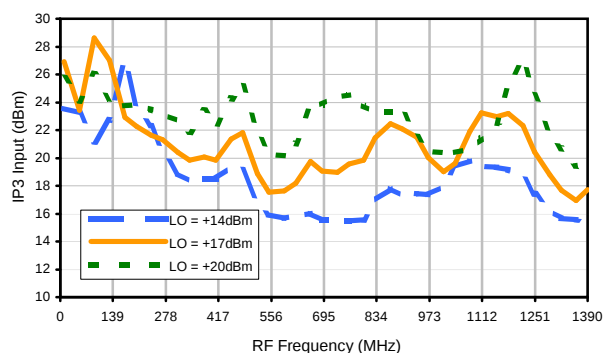
Conversion Loss vs. IF @ RF=10.1MHz



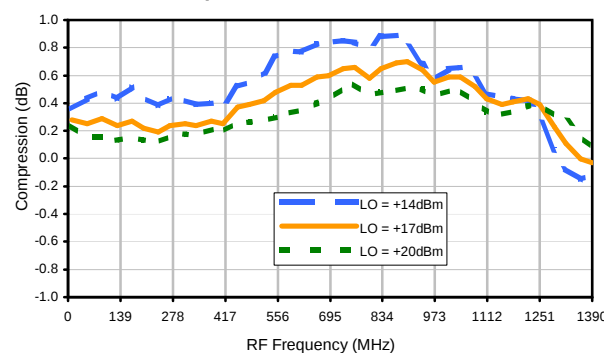
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

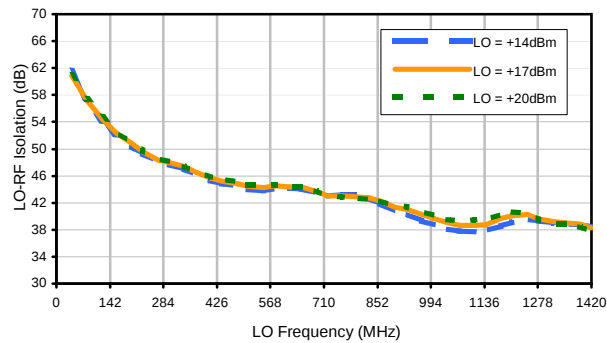


Compression @ RF IN=+10dBm

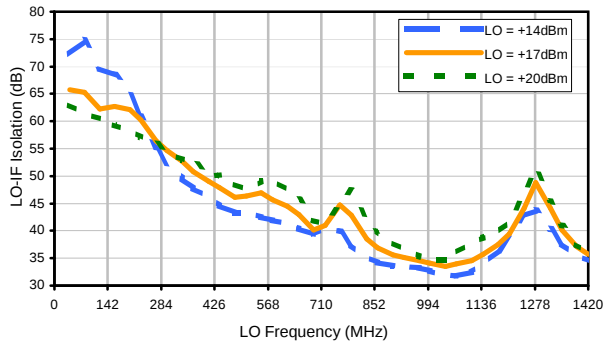


Typical Performance Curves

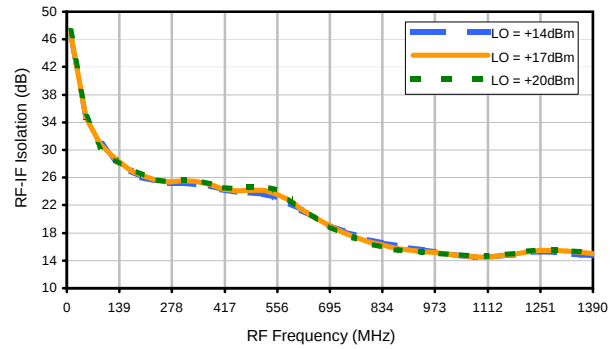
LO-RF Isolation



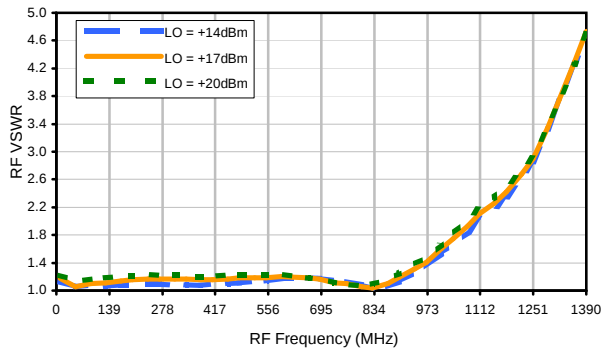
LO-IF Isolation



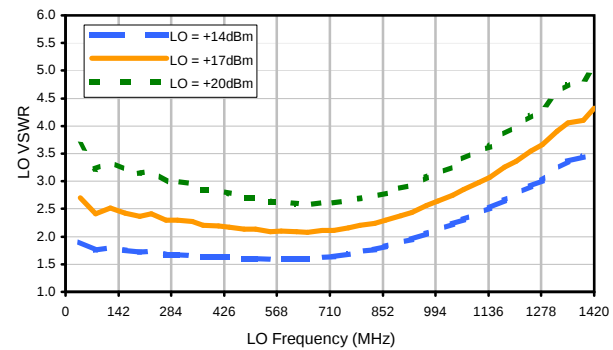
RF-IF Isolation



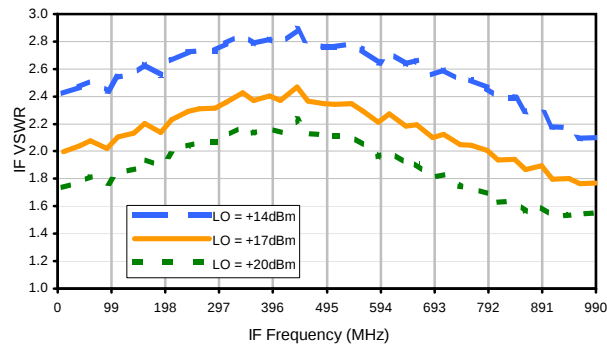
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	25	17	30	16	28	28	43	37	49
1	-	18	+0	30	11	29	22	37	56	43	52	52
2	62	66	61	65	68	65	60	62	59	73	64	78
3	>90	66	59	73	59	70	57	65	65	78	>78	>78
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -5.00 dBm.
LO IN: 530.1 MHz; +17.00 dBm
IF OUT: 30 MHz; -11.5 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	28	34	28	42	27	40	40	55	53	62
1	-	18	+0	28	11	33	23	40	53	48	60	60
2	43	61	52	59	61	57	50	54	51	63	56	74
3	66	52	43	60	43	53	39	50	51	58	71	60
4	>90	78	76	75	75	76	73	74	70	73	73	>88
5	>90	79	65	69	60	69	58	67	56	63	64	83
6	>90	>88	88	>88	87	86	>88	>88	>88	>88	86	88
7	>90	>88	>88	>88	81	84	81	84	76	85	74	78
8	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	88	>88
10	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; 5.00 dBm.
LO IN: 530.1 MHz; +17.00 dBm
IF OUT: 30 MHz; -1.56 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.