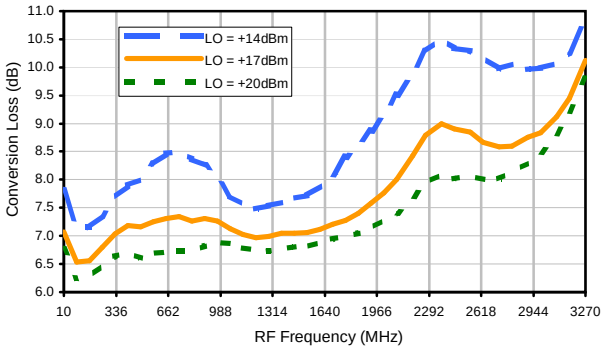
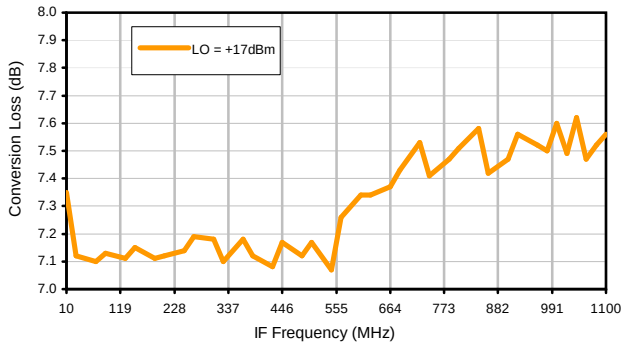
Typical Performance Curves

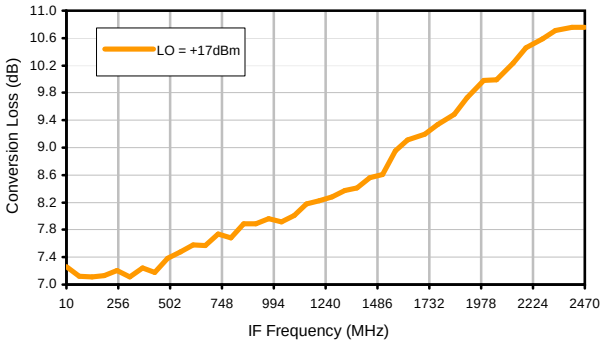
Conversion Loss @ IF=30MHz



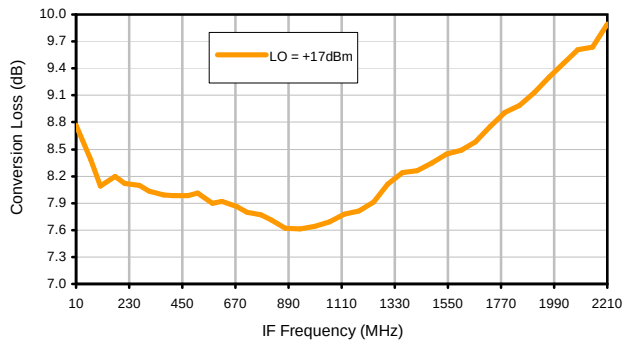
Conversion Loss vs. IF @ RF=1117.6MHz



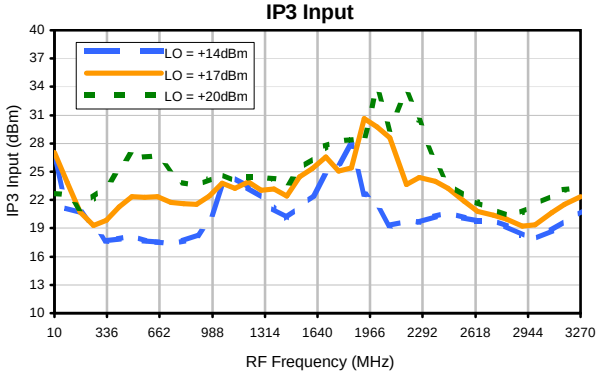
Conversion Loss vs. IF @ RF=10MHz



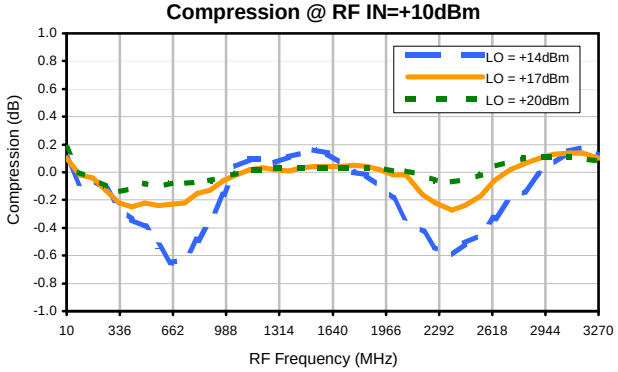
Conversion Loss vs. IF @ RF=2225.1MHz



IP3 Input

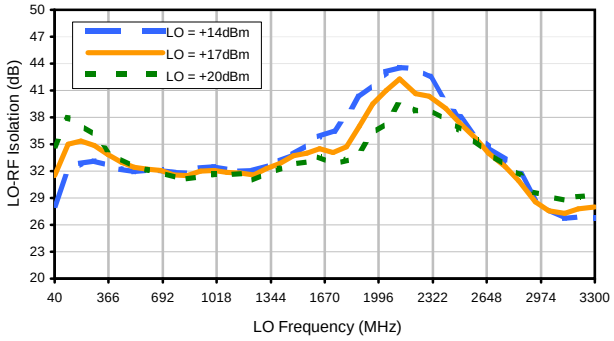


Compression @ RF IN=+10dBm

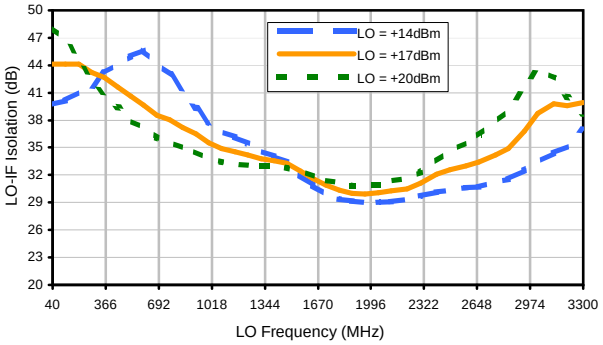


Typical Performance Curves

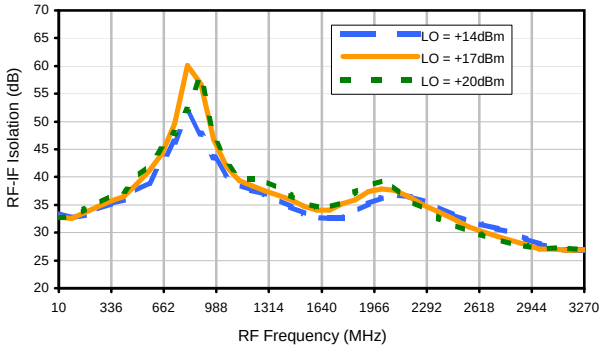
LO-RF Isolation



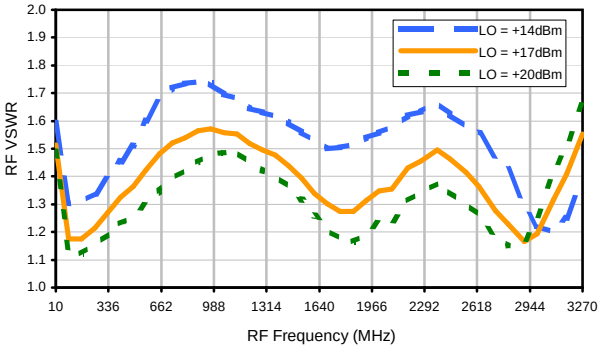
LO-IF Isolation



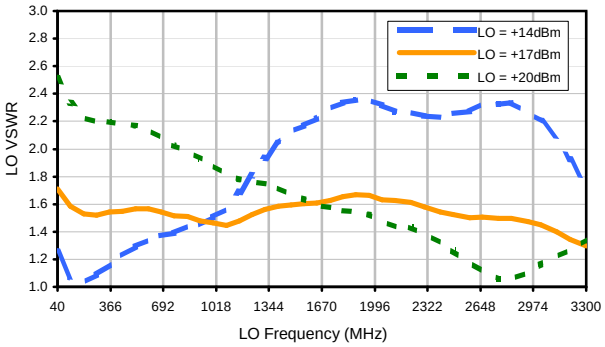
RF-IF Isolation



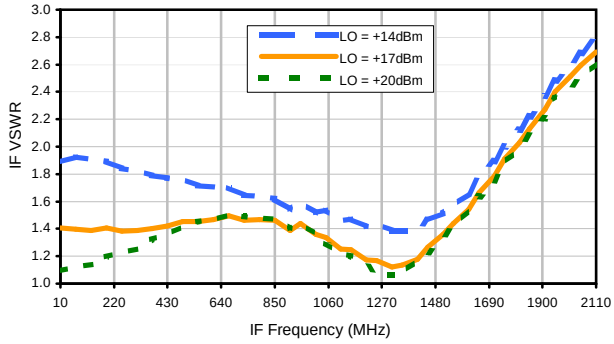
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	6	14	14	23	31	35	30	28	27	43
1	-	33	+0	38	19	35	21	64	44	43	35	49
2	69	59	60	69	61	61	61	64	>78	71	72	66
3	>90	>78	64	>78	66	>78	66	>78	71	>78	71	>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: 1112.5 MHz; -5.00 dBm.
LO IN: 1142.5 MHz; +17.00 dBm
IF OUT: 30 MHz; -12.49 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	16	24	25	33	40	45	43	42	42	63
1	-	33	+0	38	18	36	21	61	47	44	39	49
2	50	52	53	65	52	54	51	58	74	64	63	59
3	81	70	44	66	48	69	47	66	54	74	53	73
4	>90	81	82	86	73	74	74	72	82	73	83	76
5	>90	>87	82	>87	70	84	67	84	70	81	72	87
6	>90	>87	>87	>87	>87	>87	>87	87	87	>87	>87	>87
7	>90	>87	>87	>87	>87	>87	87	>87	>87	>87	>87	>87
8	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1112.5 MHz; 5.00 dBm.
LO IN: 1142.5 MHz; +17.00 dBm
IF OUT: 30 MHz; -2.55 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.