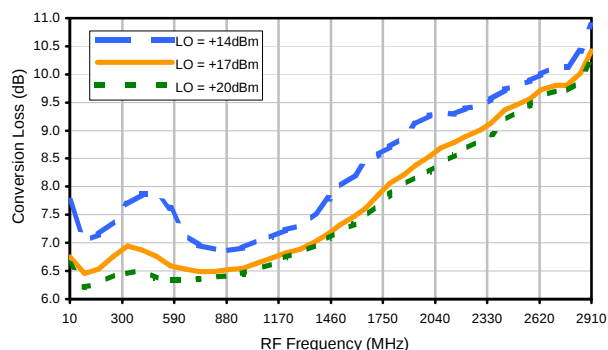
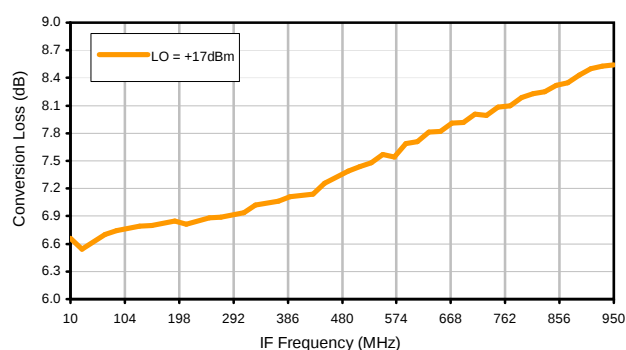


Typical Performance Curves

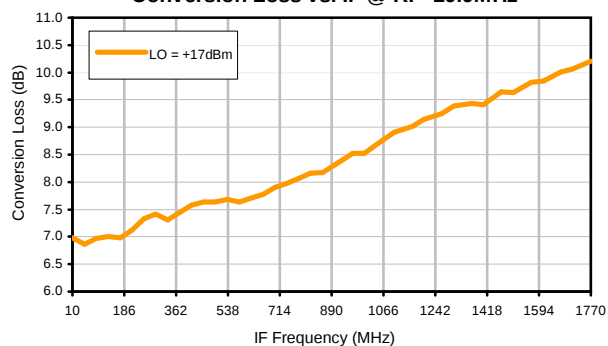
Conversion Loss @ IF=30MHz



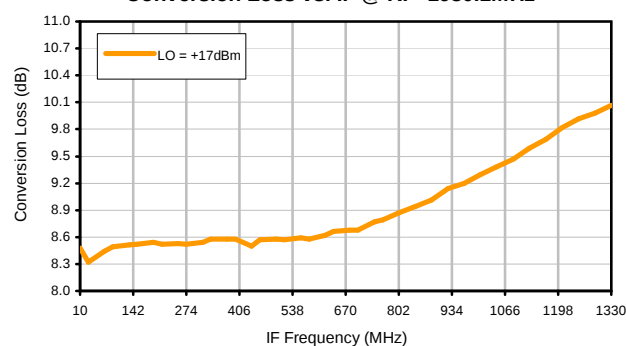
Conversion Loss vs. IF @ RF=970.1MHz



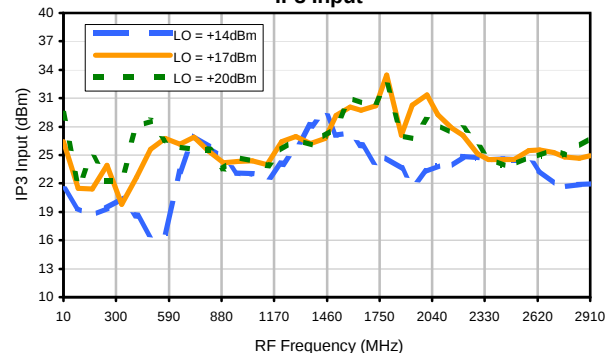
Conversion Loss vs. IF @ RF=29.9MHz



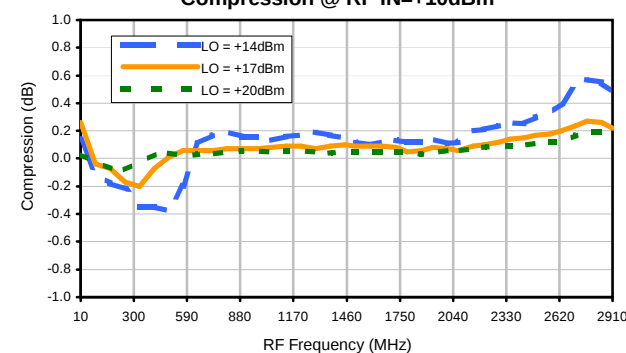
Conversion Loss vs. IF @ RF=1930.1MHz



IP3 Input

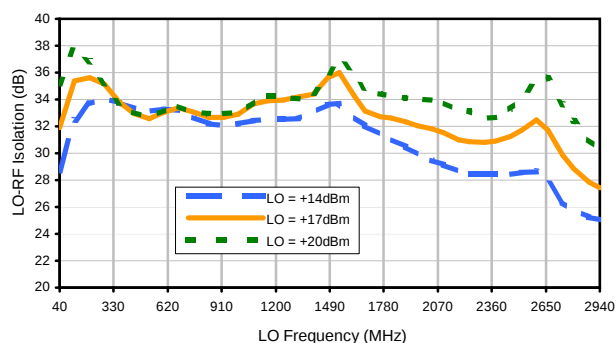


Compression @ RF IN=+10dBm

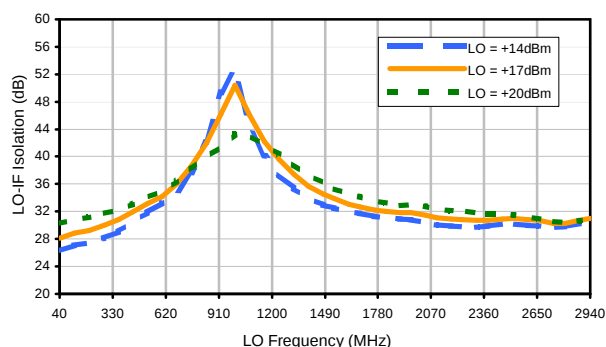


Typical Performance Curves

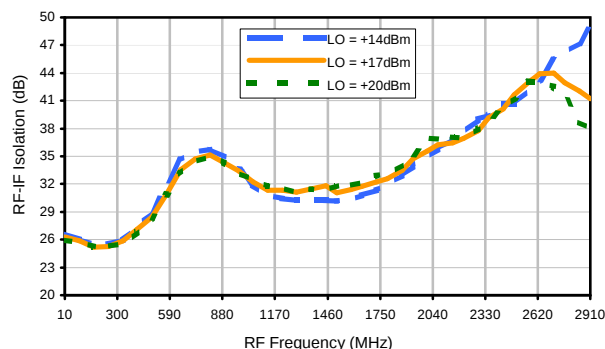
LO-RF Isolation



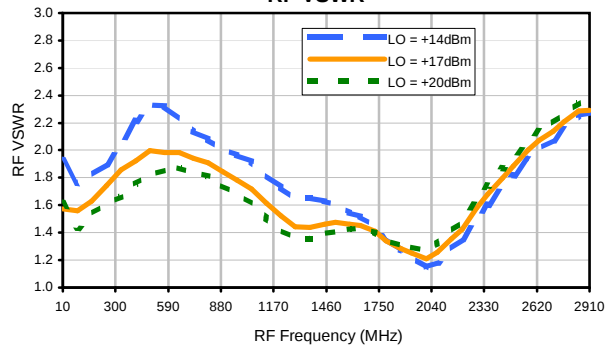
LO-IF Isolation



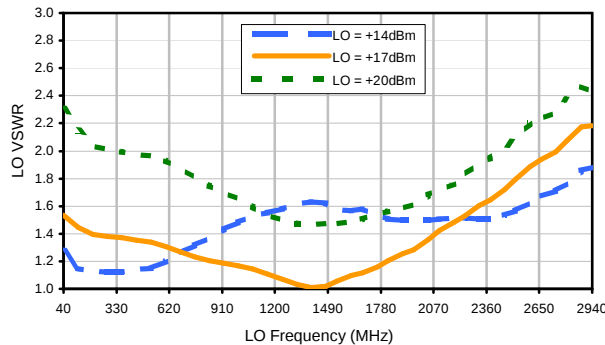
RF-IF Isolation



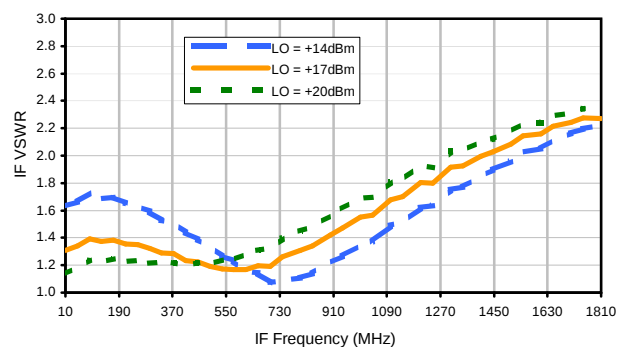
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	18	19	22	26	28	27	27	29	34
1	-	26	+0	43	15	41	25	51	32	54	41	58
2	70	75	71	68	65	68	69	76	69	>78	65	65
3	>90	>78	70	>78	68	>78	77	>78	>78	>78	77	>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: 980 MHz; -5.00 dBm.
LO IN: 1010 MHz; +17.00 dBm
IF OUT: 30 MHz; -11.87 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	28	30	32	37	39	40	39	42	48
1	-	26	+0	43	15	41	25	51	32	52	44	64
2	50	75	63	58	56	58	59	65	59	63	58	58
3	81	71	50	>88	48	67	57	70	59	78	56	82
4	>90	77	87	78	80	75	78	>88	79	>88	84	83
5	>90	>88	82	87	77	>88	71	>88	74	87	76	87
6	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
7	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
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: 980 MHz; 5.00 dBm.
LO IN: 1010 MHz; +17.00 dBm
IF OUT: 30 MHz; -1.82 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.