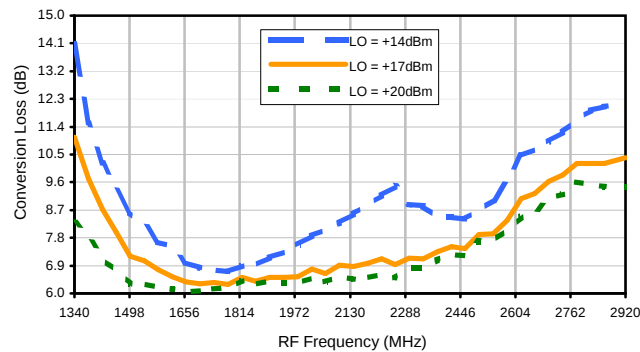
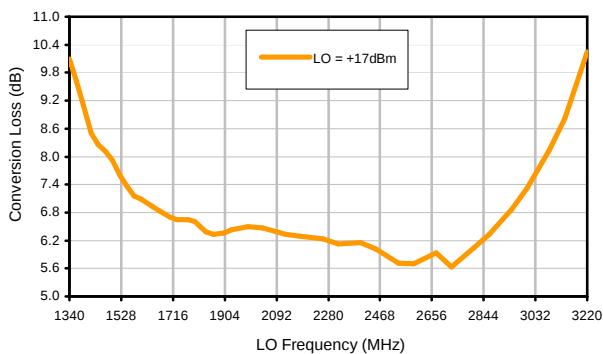


Typical Performance Curves

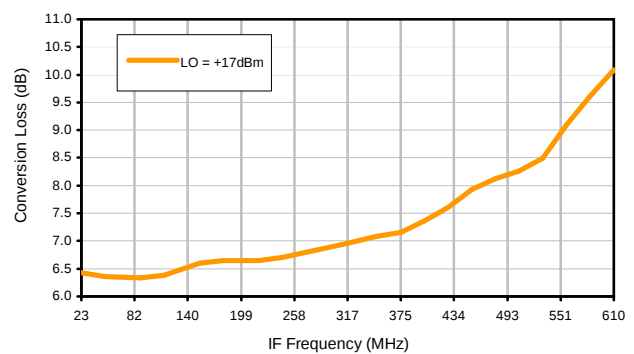
Conversion Loss @ IF=30MHz



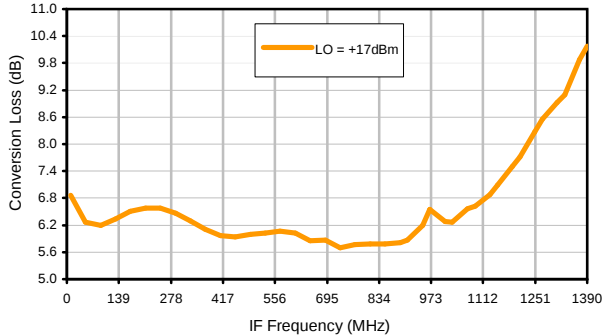
Conversion Loss vs. LO @ RF=1950MHz



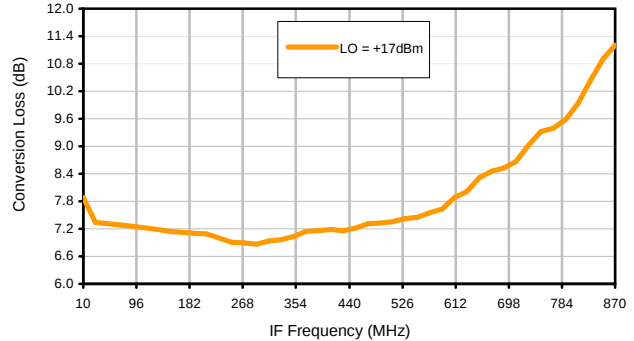
Conversion Loss vs. IF @ RF=1950MHz



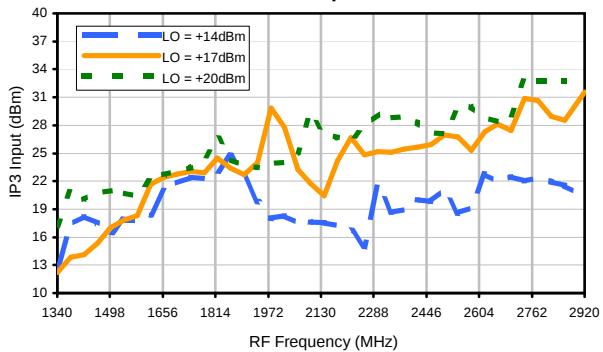
Conversion Loss vs. IF @ RF=1689.9MHz



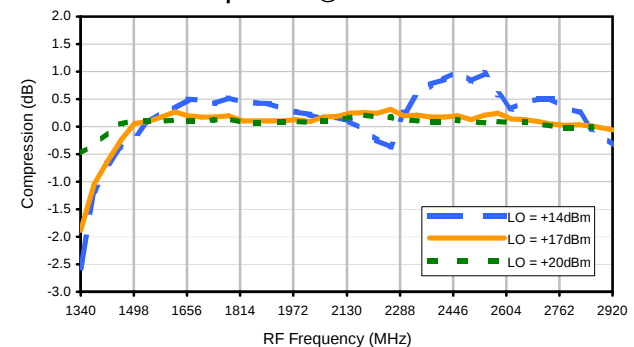
Conversion Loss vs. IF @ RF=2210.1MHz



IP3 Input

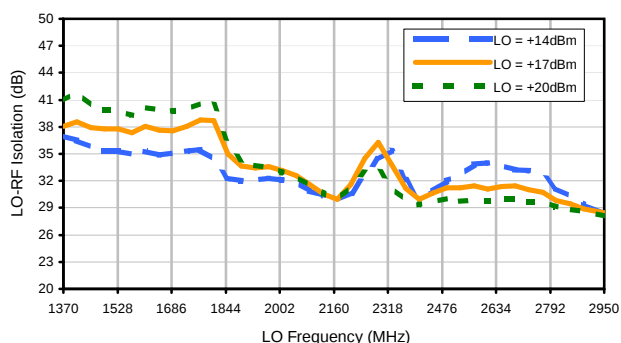


Compression @ RF IN=+10dBm

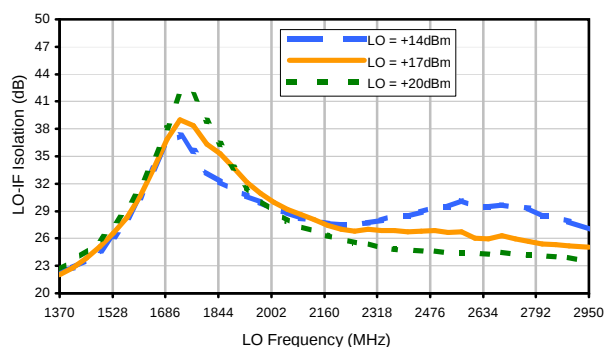


Typical Performance Curves

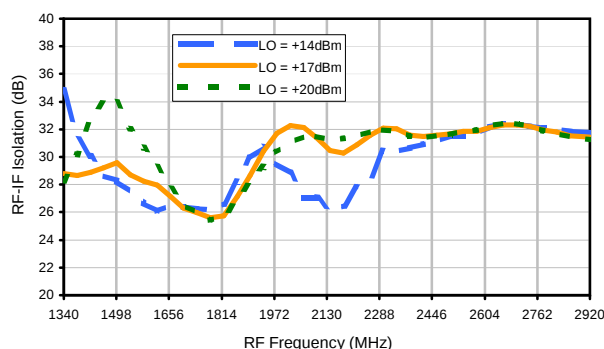
LO-RF Isolation



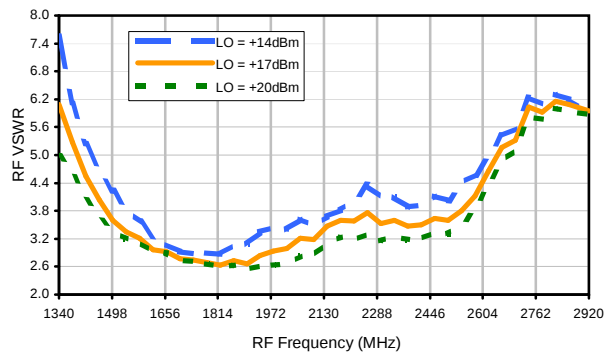
LO-IF Isolation



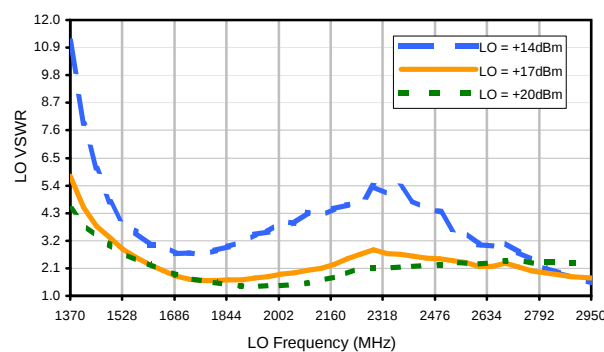
RF-IF Isolation



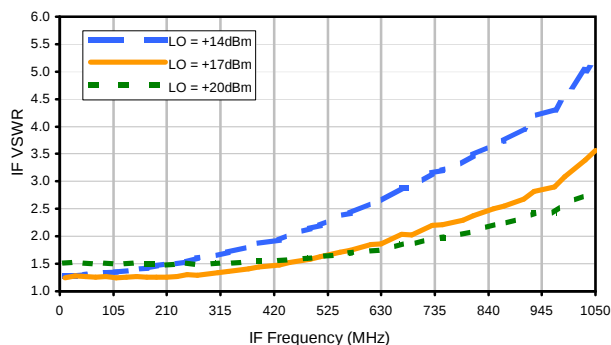
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	39	17	24	15	39	18	43	23	60
1	-	24	+0	34	30	23	35	23	58	38	42	55
2	68	57	56	55	57	58	51	62	51	>78	60	62
3	>90	61	>78	70	77	74	>78	65	73	75	>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: 1950 MHz; -5.00 dBm.
LO IN: 1980 MHz; +17.00 dBm
IF OUT: 30 MHz; -11.56 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	42	29	33	26	48	30	52	36	71
1	-	24	+0	35	30	23	36	24	74	39	44	52
2	48	46	48	46	49	50	43	57	43	81	50	55
3	82	41	64	51	53	55	60	46	56	55	65	64
4	>90	79	67	73	71	69	73	76	64	64	62	83
5	>90	84	82	68	86	72	69	77	80	66	78	71
6	>90	>88	86	>88	87	>88	>88	>88	>88	>88	>88	80
7	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	87
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: 1950 MHz; 5.00 dBm.
LO IN: 1980 MHz; +17.00 dBm
IF OUT: 30 MHz; -1.54 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.

