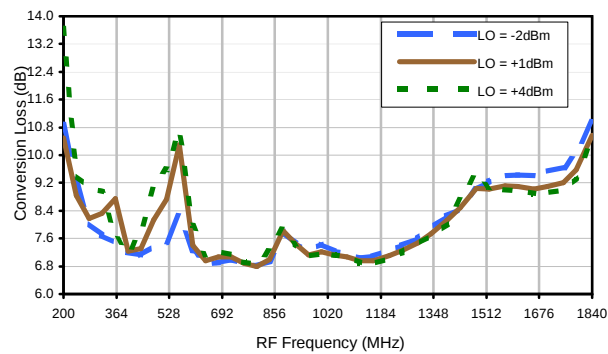
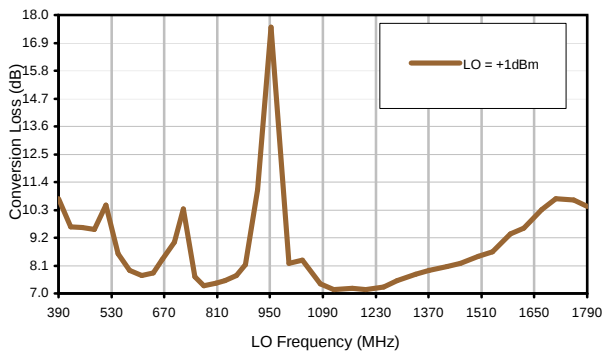


Typical Performance Curves

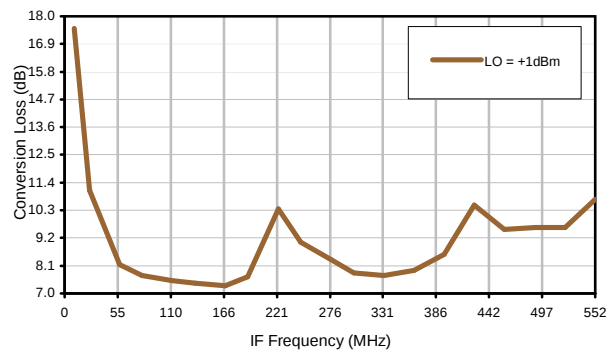
Conversion Loss @ IF=161MHz



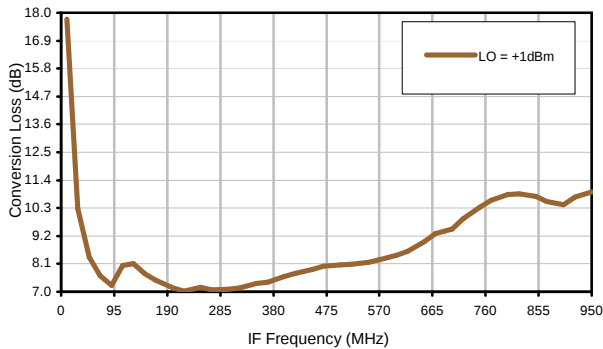
Conversion Loss vs. LO @ RF=942MHz



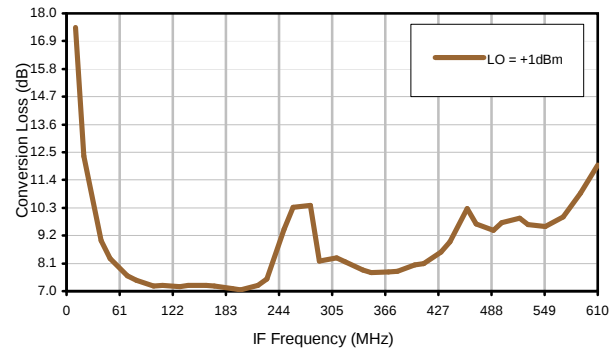
Conversion Loss vs. IF @ RF=942MHz



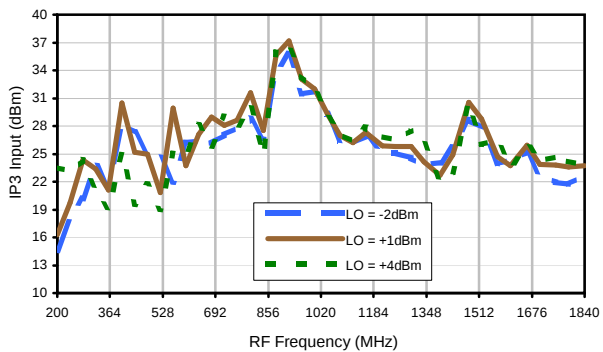
Conversion Loss vs. IF @ RF=902MHz



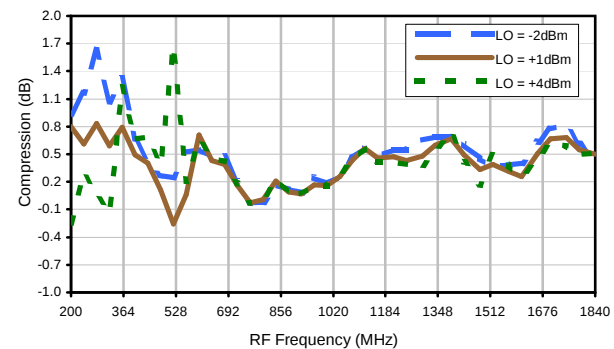
Conversion Loss vs. IF @ RF=982MHz



IP3 Input

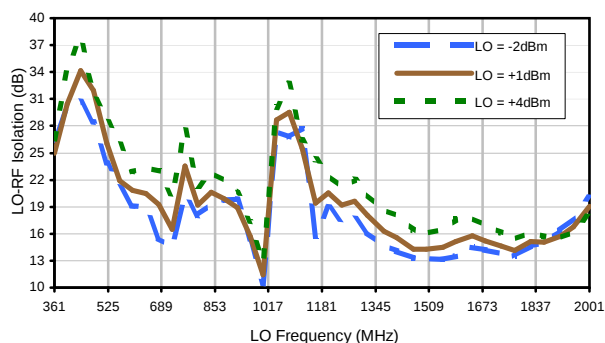


Compression @ RF IN=+15dBm

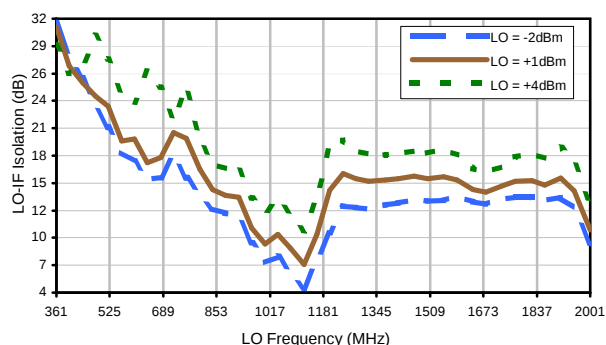


Typical Performance Curves

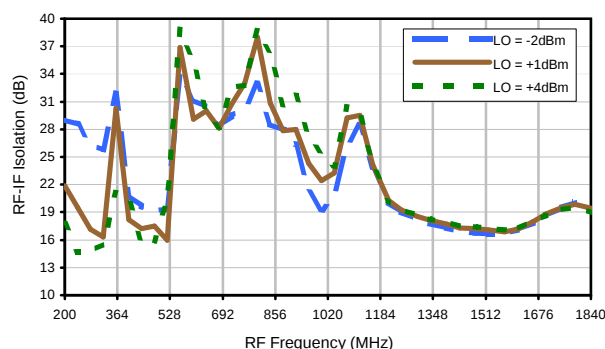
LO-RF Isolation



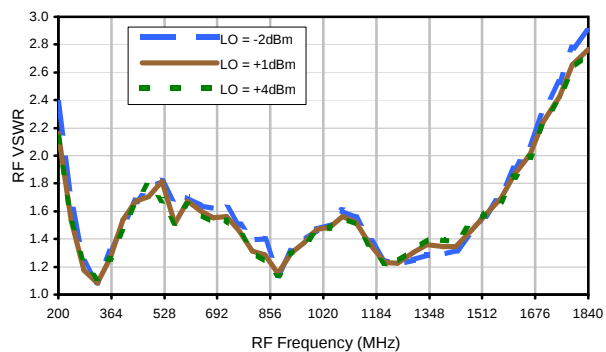
LO-IF Isolation



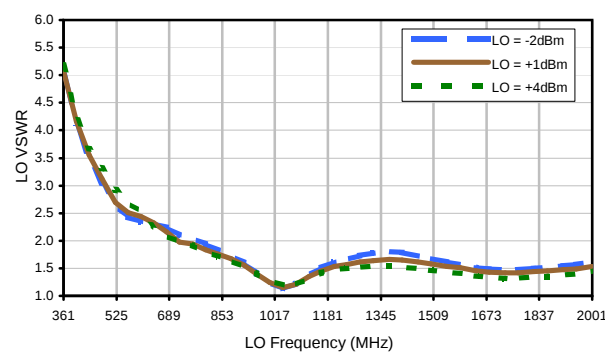
RF-IF Isolation



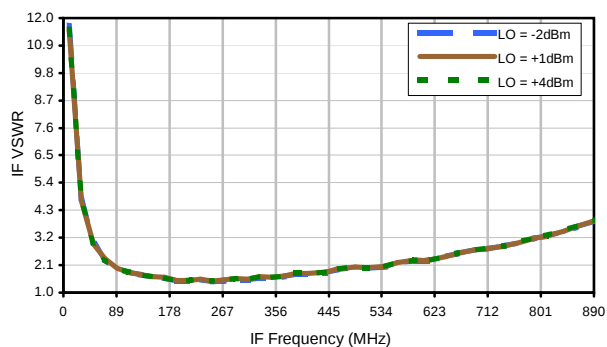
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	10	20	13	27	25	38	40	31	48
1	-	18	+0	27	17	40	39	37	51	41	54	47
2	61	52	54	47	54	49	65	64	71	65	66	88
3	95	85	79	81	>93	86	81	>93	91	>93	87	>93
4	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
5	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
6	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 942 MHz; 0.00 dBm.
LO IN: 1103 MHz; +1.00 dBm
IF OUT: 161 MHz; -7.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	21	31	22	37	35	52	50	43	64
1	-	18	+0	27	17	40	40	38	51	42	55	47
2	41	42	44	37	44	39	55	54	61	56	58	77
3	65	63	57	58	64	64	60	73	70	76	69	100
4	91	79	70	70	66	65	70	72	79	77	80	85
5	>100	92	89	79	79	84	82	83	88	87	91	88
6	>100	100	>103	102	92	>103	88	95	95	100	>103	>103
7	>100	>103	>103	>103	>103	101	95	100	101	99	>103	>103
8	>100	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103
9	>100	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103
10	>100	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 942 MHz; 10.00 dBm.
LO IN: 1103 MHz; +1.00 dBm
IF OUT: 161 MHz; 2.62 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.