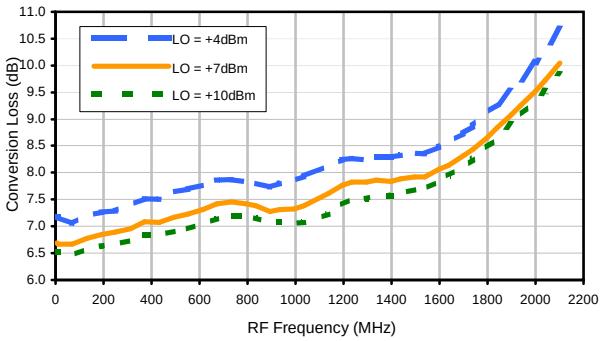
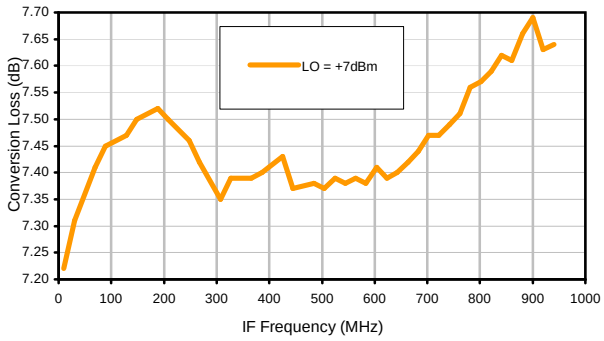
Typical Performance Curves

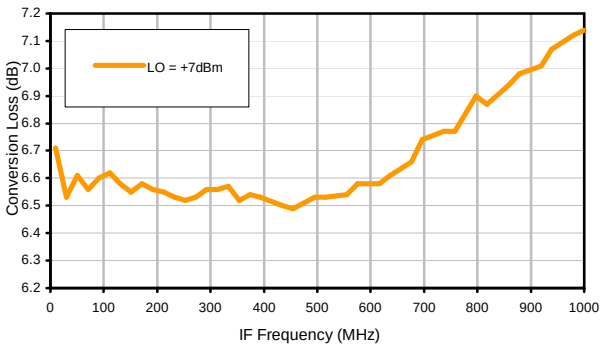
Conversion Loss @ IF=30MHz



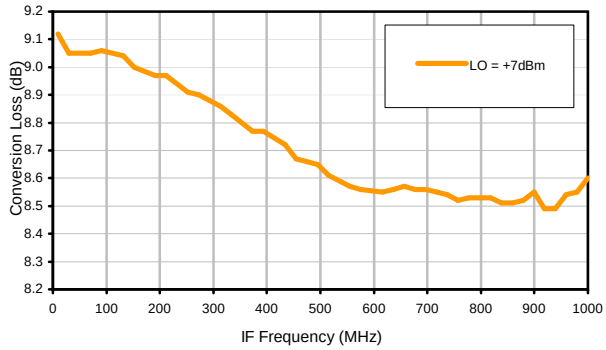
Conversion Loss vs. IF @ RF=950.1MHz



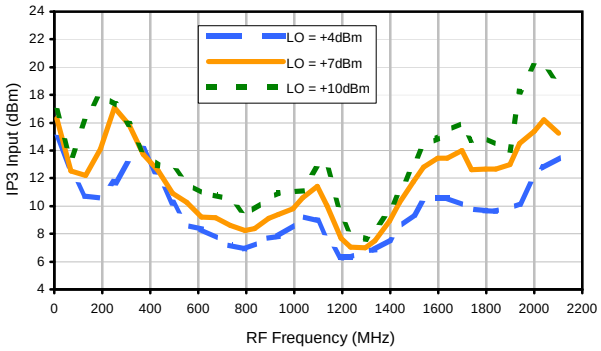
Conversion Loss vs. IF @ RF=10.1MHz



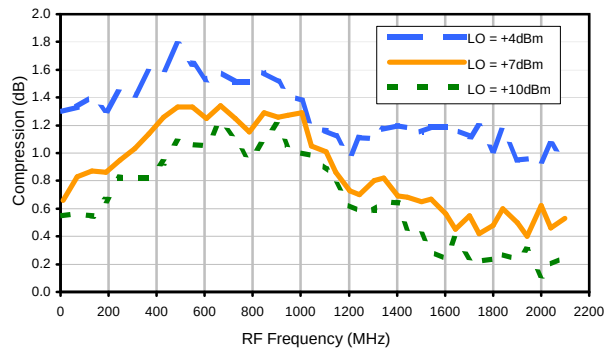
Conversion Loss vs. IF @ RF=1900.1MHz



IP3 Input

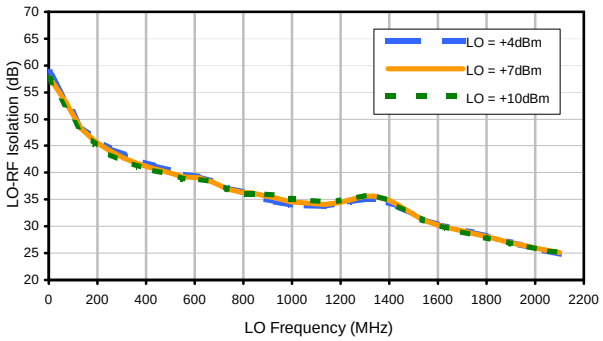


Compression @ RF IN=+1dBm

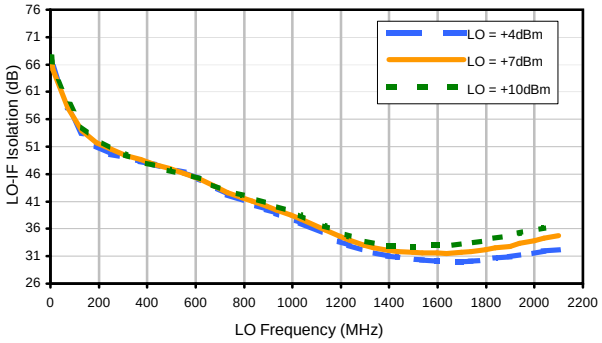


Typical Performance Curves

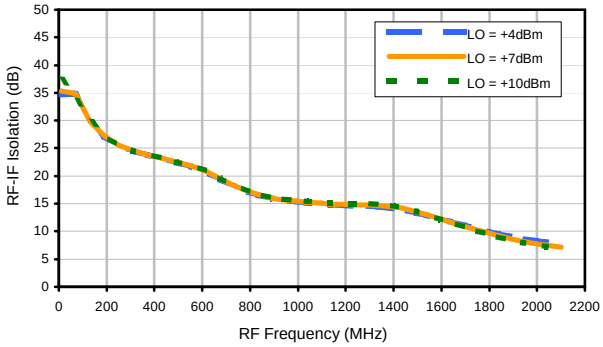
LO-RF Isolation



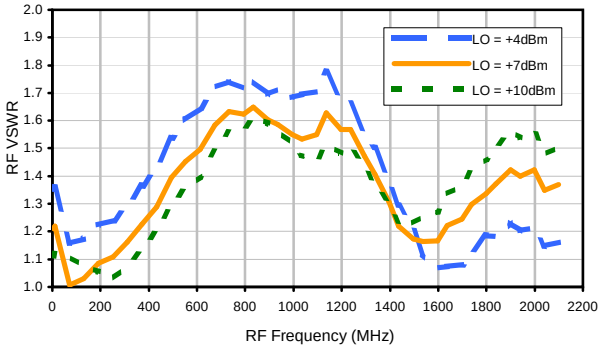
LO-IF Isolation



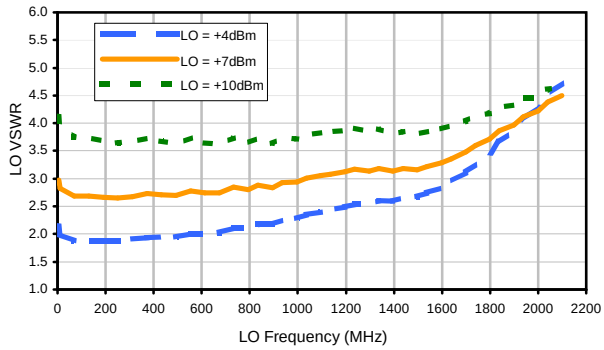
RF-IF Isolation



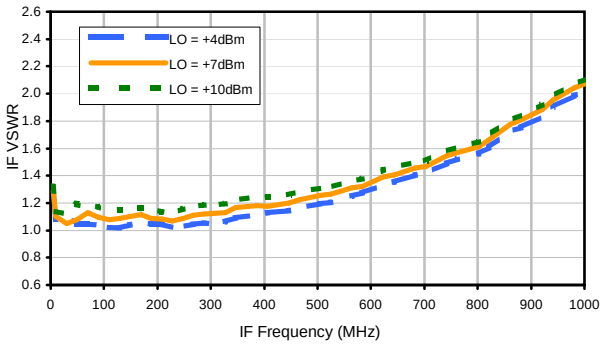
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	10	18	11	25	16	38	36	55	45	70
1	-	8	0	30	19	26	28	27	46	44	54	47
2	110	61	54	51	55	64	53	56	46	99	58	74
3	113	59	61	76	56	82	66	59	66	62	74	72
4	117	90	87	86	85	82	88	100	84	83	76	93
5	116	89	98	89	90	93	81	94	93	84	89	92
6	116	102	101	98	105	118	93	87	99	102	96	106
7	112	107	108	99	109	108	105	103	89	95	97	98
8	111	94	106	114	104	102	107	110	98	83	102	104
9	117	101	93	104	101	105	97	103	98	93	89	100
10	112	101	103	95	108	106	105	101	107	103	93	89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 950.1 MHz; -14.00 dBm.
LO IN: 980.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -21.95 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	20	28	22	39	31	52	56	67	57	75
1	-	8	0	30	19	30	30	32	52	54	69	68
2	90	54	48	44	52	55	46	54	41	64	59	76
3	115	42	44	59	41	56	66	43	51	45	63	61
4	115	74	74	71	62	58	62	71	68	62	54	76
5	112	78	75	72	62	68	53	67	61	58	63	61
6	108	93	80	89	94	90	75	73	74	87	82	73
7	118	91	93	81	83	82	77	82	68	79	80	69
8	103	119	96	100	89	95	90	93	84	81	82	108
9	112	101	115	102	99	89	91	92	88	91	80	89
10	112	109	98	111	99	104	95	110	97	95	94	90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 950.1 MHz; -4.00 dBm.
LO IN: 980.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -12.14 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.