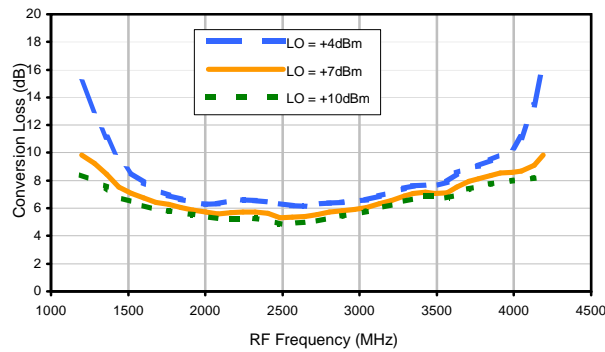
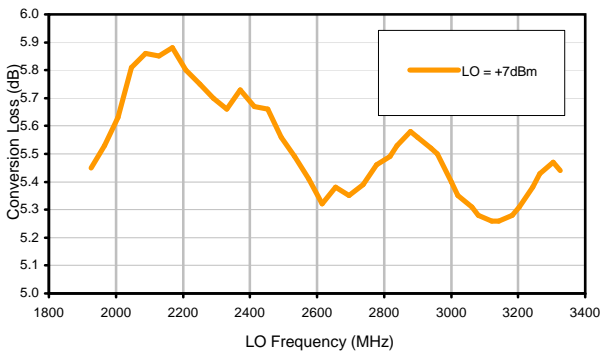


Typical Performance Curves

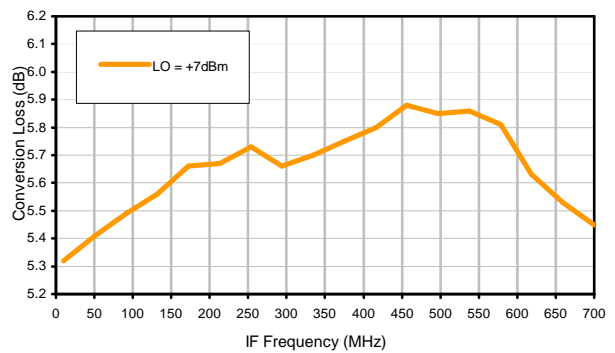
Conversion Loss @ IF=30MHz



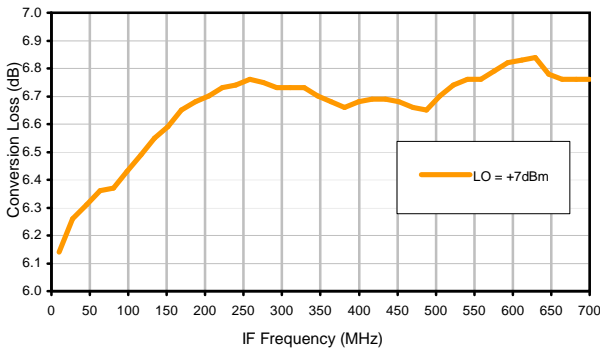
Conversion Loss vs. LO @ RF=2625.1MHz



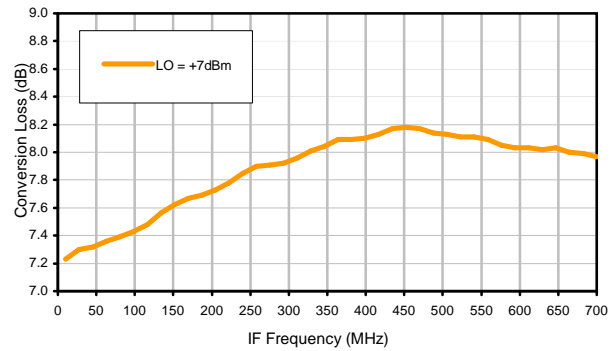
Conversion Loss vs. IF @ RF=2625.1MHz



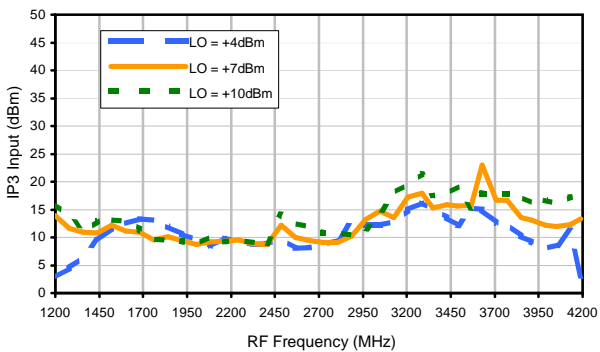
Conversion Loss vs. IF @ RF=1750.1MHz



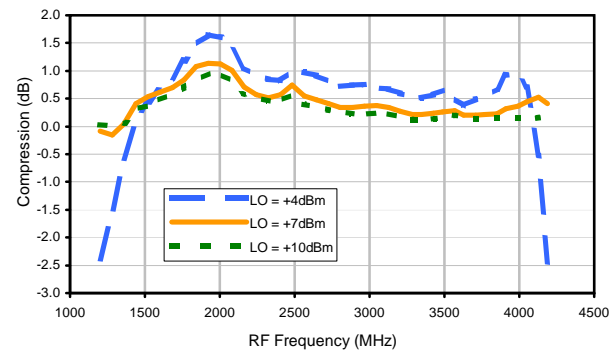
Conversion Loss vs. IF @ RF=3500.1MHz



IP3 Input

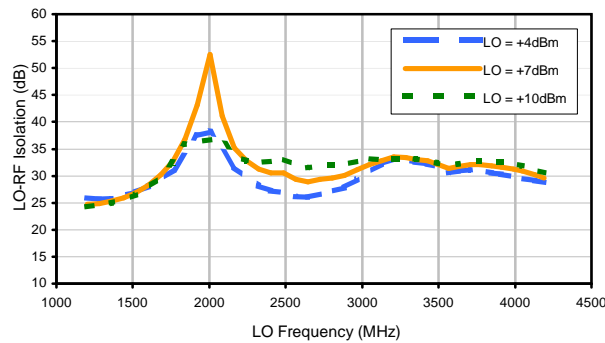


Compression @ RF IN=+1dBm

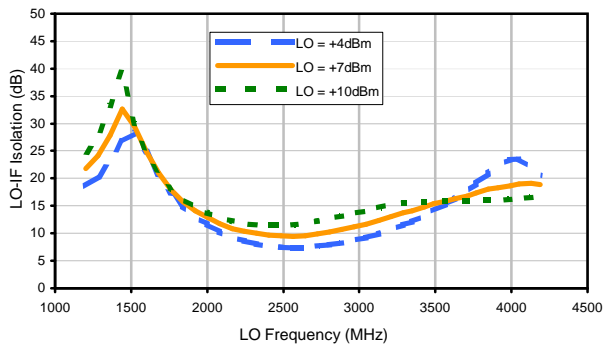


Typical Performance Curves

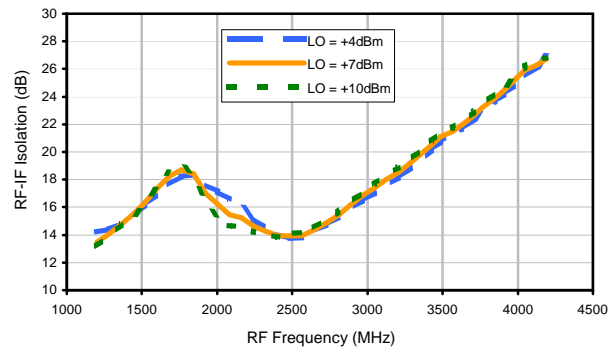
LO-RF Isolation



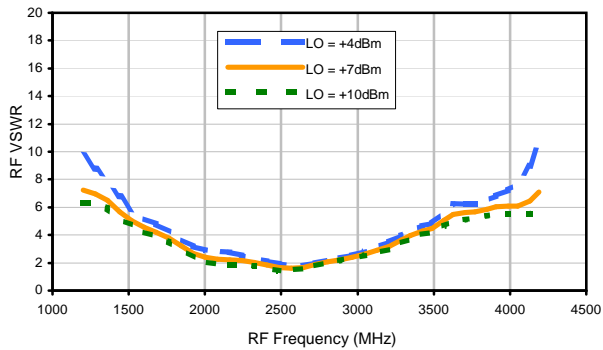
LO-IF Isolation



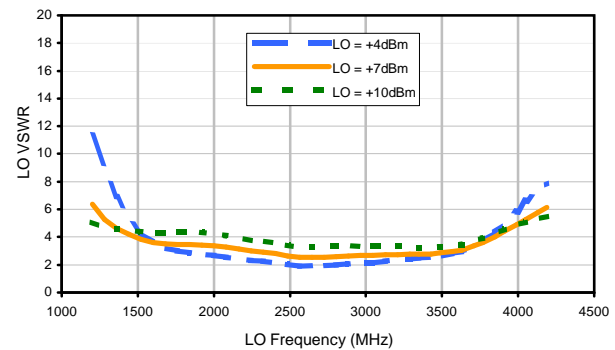
RF-IF Isolation



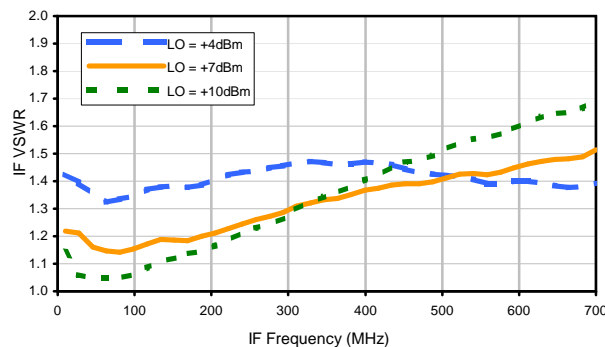
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+17	28	1	24	19	37	29	46	42	---
1	-	9	+0	26	35	31	34	38	44	42	71	49
2	>100	59	33	43	34	66	40	50	50	56	52	74
3	>100	62	70	53	54	55	72	57	65	61	73	60
4	100	74	77	>81	71	74	71	>81	73	69	78	77
5	98	>81	>81	>81	>81	77	>81	78	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	96	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	98	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	94	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -14.00 dBm.
 LO IN: 2630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.41 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+7	39	13	38	37	53	37	64	54	---
1	-	9	+0	29	34	36	41	53	57	59	>90	64
2	86	49	25	38	27	69	35	53	50	64	56	72
3	>100	56	53	43	38	48	61	50	51	56	62	61
4	>100	58	55	70	46	55	46	80	51	59	61	70
5	>100	70	67	67	72	56	53	57	70	59	67	64
6	>100	85	86	77	72	87	63	74	63	82	65	69
7	>100	85	87	81	82	76	83	65	67	66	82	70
8	>100	>90	88	>90	>90	87	83	90	77	84	78	89
9	>100	>90	>90	>90	>90	90	87	85	>90	75	78	77
10	---	---	>90	>90	>90	>90	>90	>90	>90	>90	>90	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -4.00 dBm.
 LO IN: 2630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.55 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.

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