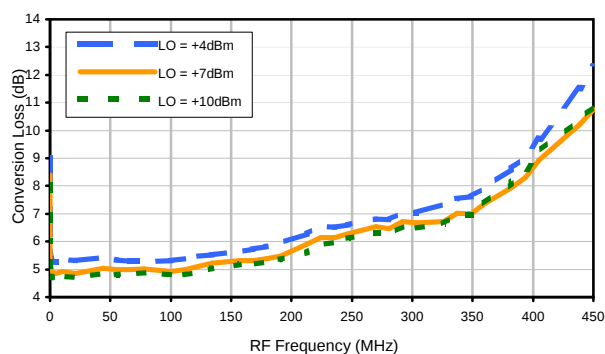
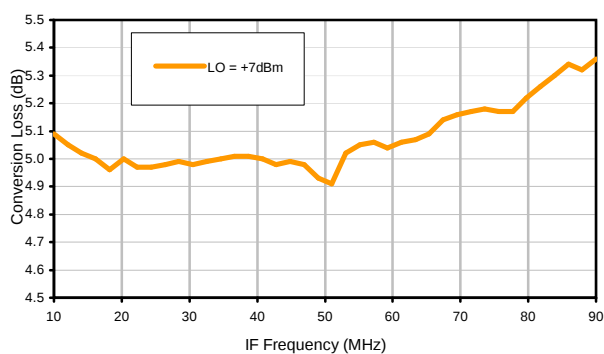


Typical Performance Curves

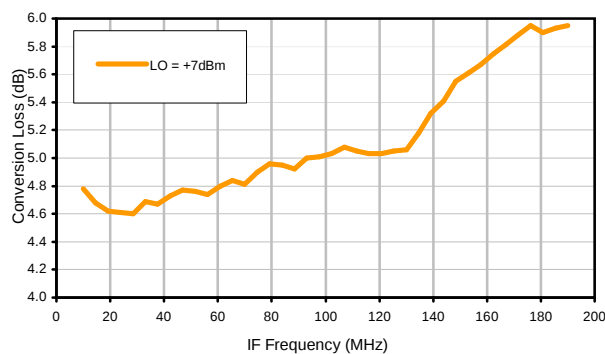
Conversion Loss @ IF=30MHz



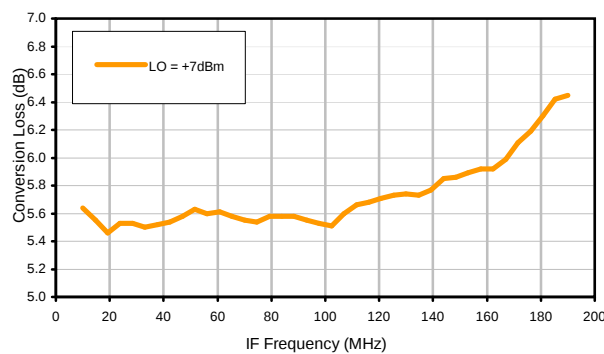
Conversion Loss vs. IF @ RF=100.1MHz



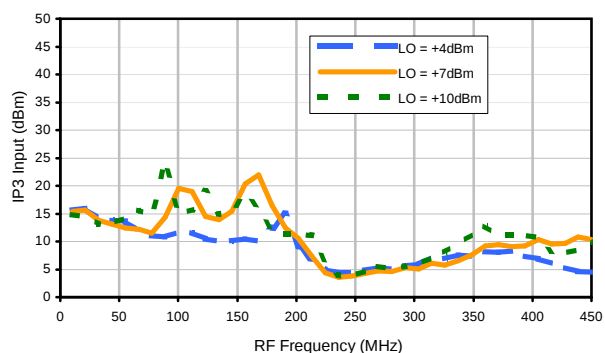
Conversion Loss vs. IF @ RF=10.1MHz



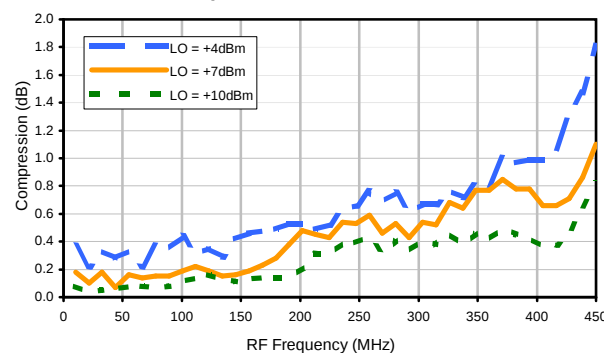
Conversion Loss vs. IF @ RF=200.1MHz



IP3 Input

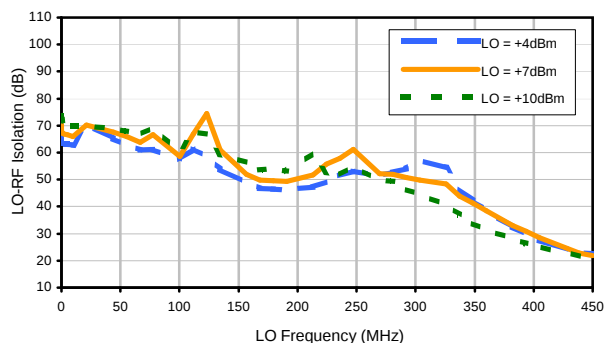


Compression @ RF IN=+1dBm

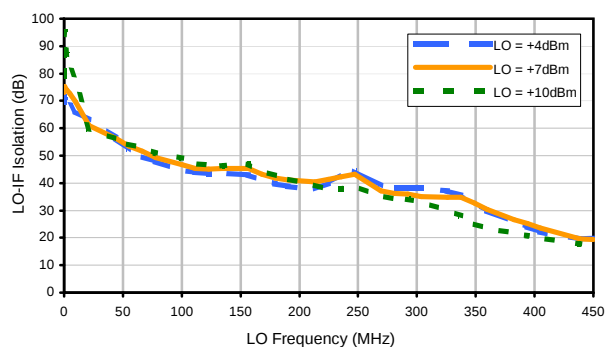


Typical Performance Curves

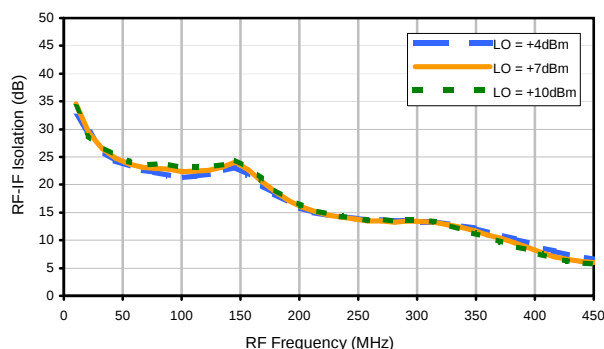
LO-RF Isolation



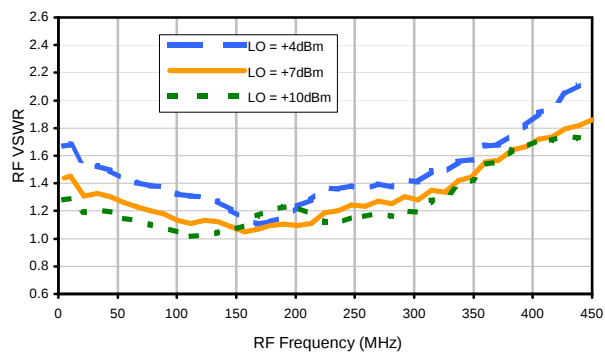
LO-IF Isolation



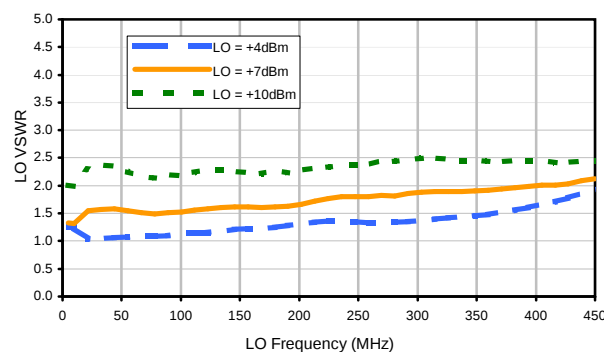
RF-IF Isolation



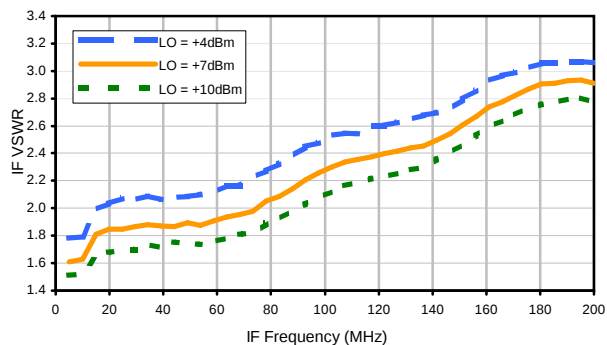
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	31	16	30	19	38	38	49	58	58
1	-	17	+0	25	15	29	23	34	30	45	33	56
2	>100	60	57	67	57	58	61	69	55	63	73	70
3	>100	58	52	61	58	61	63	58	54	74	55	>81
4	>100	>81	80	>81	61	>81	>81	>81	>81	>81	>81	>81
5	>100	>81	74	80	77	68	75	>81	76	>81	74	>81
6	>100	>81	>81	>81	>81	>81	81	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	66	80	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	57	>81	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	75	74	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 100.1 MHz; -14.00 dBm.
LO IN: 130.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -18.73 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	27	40	26	40	31	52	52	65	65	73
1	-	18	+0	27	14	33	23	37	38	49	41	64
2	>100	61	51	64	54	56	55	69	50	62	69	74
3	>100	46	41	48	47	48	48	46	49	55	48	62
4	>100	74	65	69	64	75	68	69	70	86	69	76
5	>100	68	60	59	62	61	63	62	60	61	56	77
6	>100	82	85	81	79	80	>91	80	79	85	76	83
7	>100	>91	67	76	87	68	69	75	68	70	67	76
8	>100	89	88	90	86	>91	>91	82	84	89	>91	89
9	>100	>91	79	>91	76	79	85	78	70	86	77	81
10	>100	>91	>91	>91	>91	>91	>91	>91	89	80	91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 100.1 MHz; -4.00 dBm.
LO IN: 130.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -9.07 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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