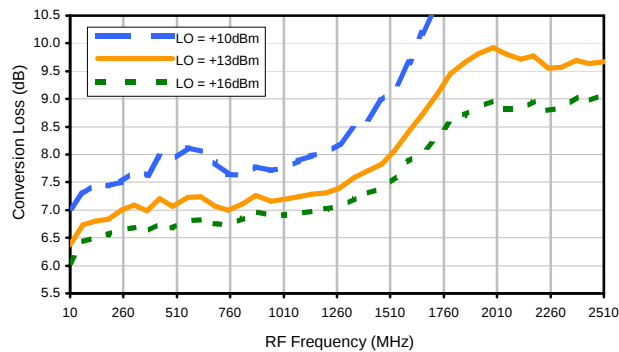
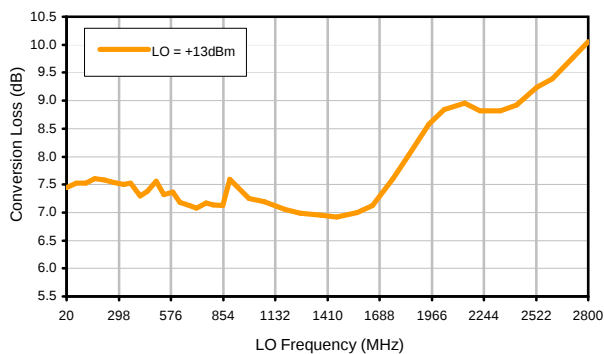


Typical Performance Curves

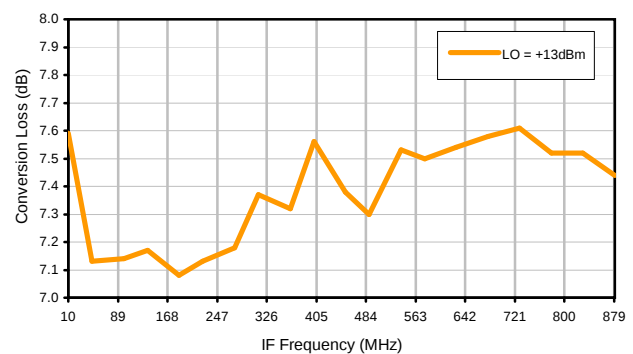
Conversion Loss @ IF=30 MHz



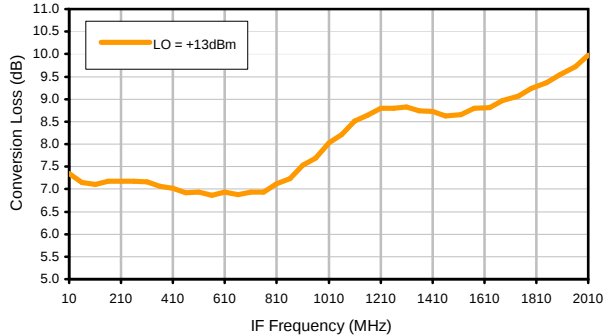
Conversion Loss vs. LO @ RF=900 MHz



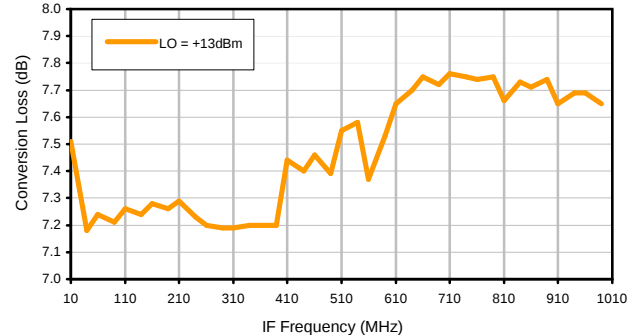
Conversion Loss vs. IF @ RF=900 MHz



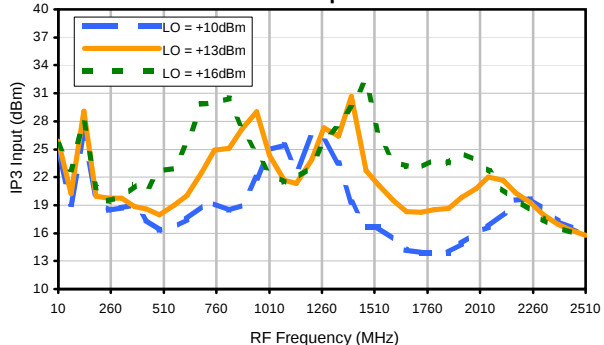
Conversion Loss vs. IF @ RF=789.9MHz



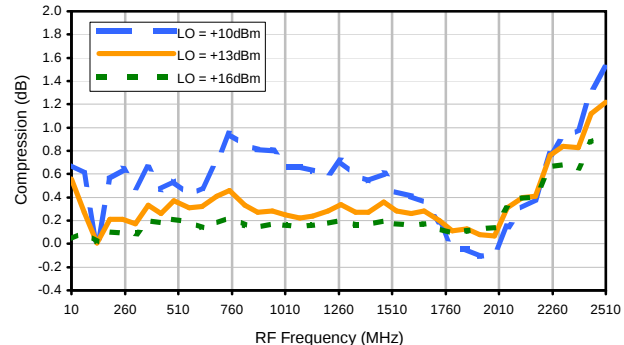
Conversion Loss vs. IF @ RF=1200 MHz



IP3 Input

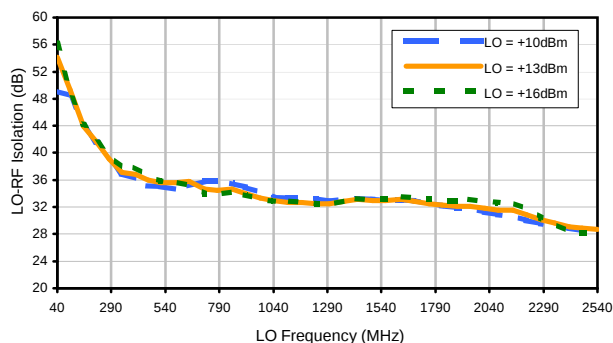


Compression @ RF IN = +9 dBm

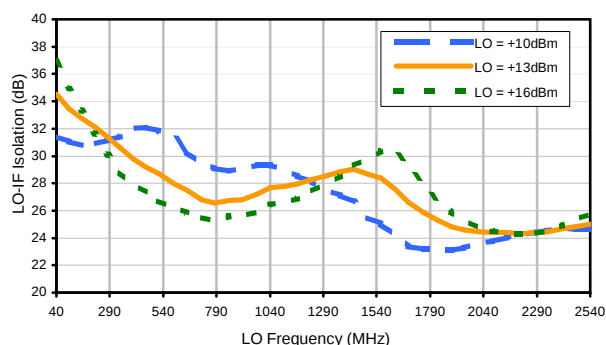


Typical Performance Curves

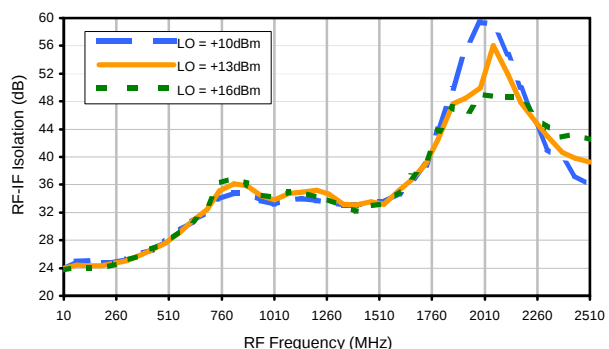
LO-RF Isolation



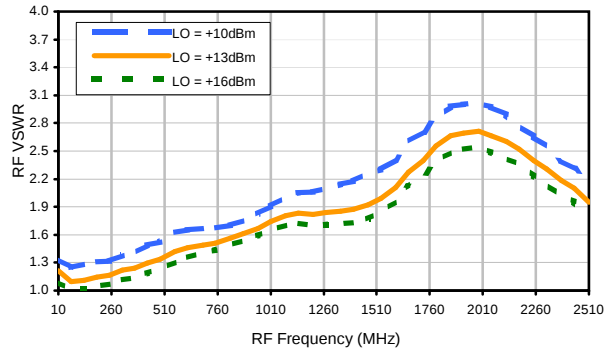
LO-IF Isolation



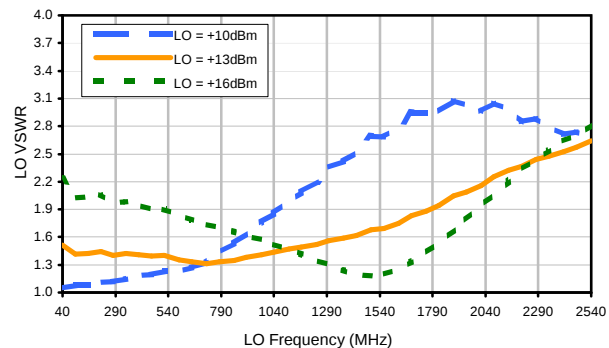
RF-IF Isolation



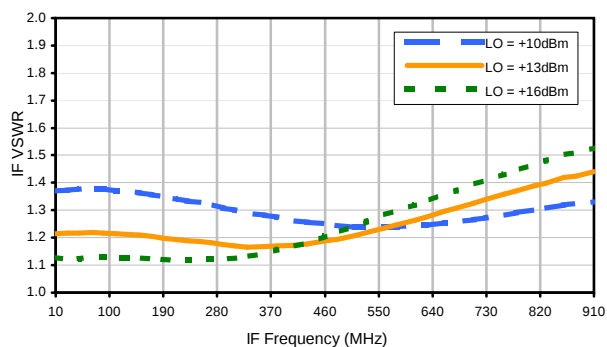
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	15	26	21	21	37	27	47	30	52
1	-	27	+0	32	15	37	21	41	42	52	46	44
2	73	54	53	53	53	61	56	55	68	>77	59	60
3	>90	>77	64	>77	64	74	64	>77	64	>77	76	>77
4	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
5	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
6	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
7	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
8	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
9	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
10	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 900 MHz; -6.00 dBm.
LO IN: 930 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.32 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	25	34	33	31	52	40	65	47	63
1	-	27	+0	32	15	40	23	45	45	54	66	55
2	53	46	44	44	46	50	48	48	56	79	52	65
3	84	56	43	65	51	57	49	58	48	59	70	71
4	>90	69	63	67	70	65	66	79	60	67	69	73
5	>90	82	65	69	58	65	59	64	62	63	63	78
6	>90	>87	84	83	74	77	73	74	73	71	70	76
7	>90	>87	>87	86	80	82	76	78	77	75	77	75
8	>90	>87	>87	>87	>87	>87	86	>87	82	>87	86	83
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	85	>87	84
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 900 MHz; 4.00 dBm.
LO IN: 930 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.36 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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