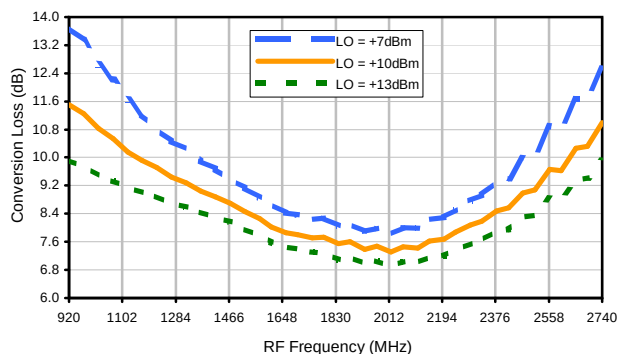
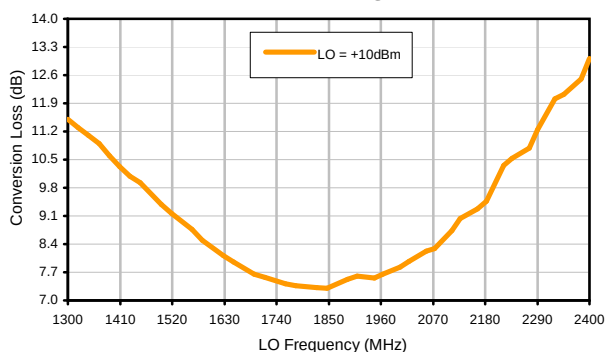


Typical Performance Curves

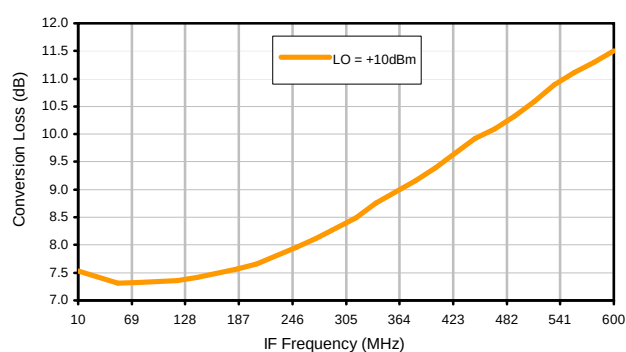
Conversion Loss @ IF=140MHz



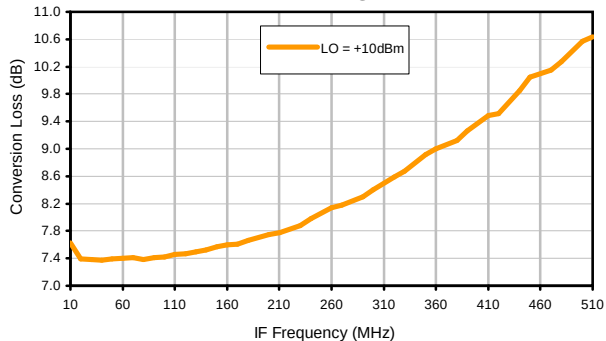
Conversion Loss vs. LO @ RF=1900MHz



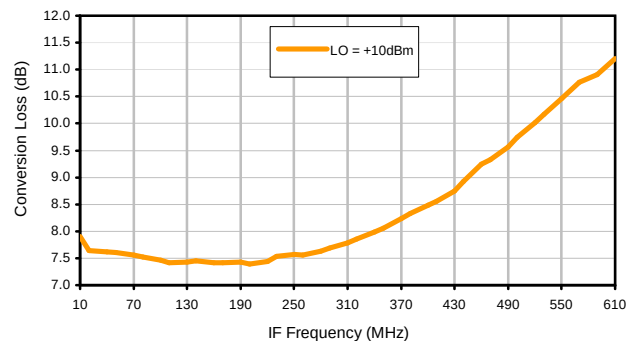
Conversion Loss vs. IF @ RF=1900MHz



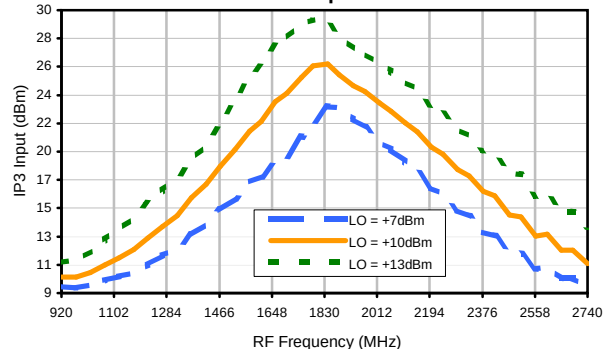
Conversion Loss vs. IF @ RF=1689.9MHz



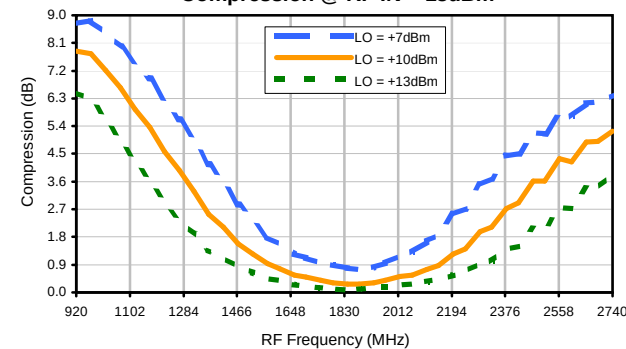
Conversion Loss vs. IF @ RF=2100.1MHz



IP3 Input

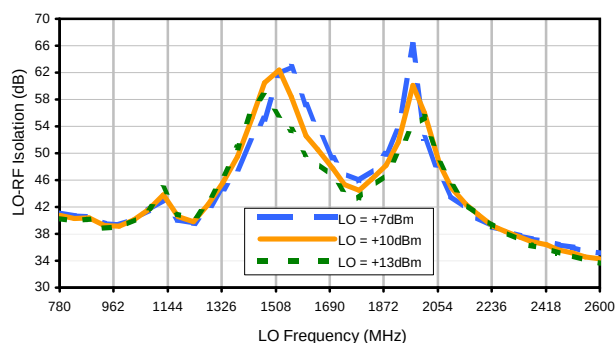


Compression @ RF IN=+13dBm

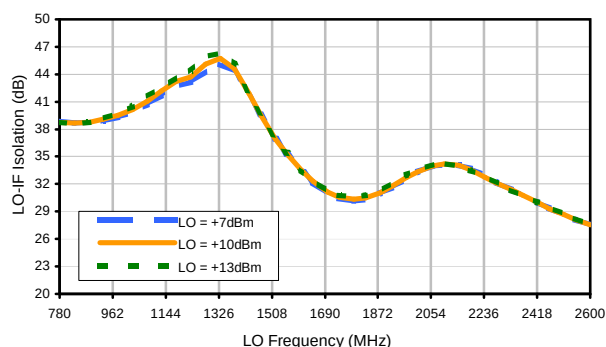


Typical Performance Curves

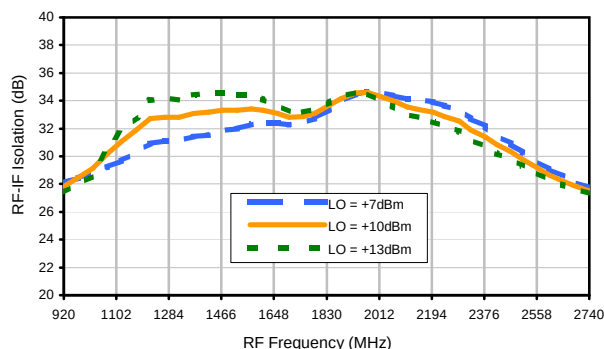
LO-RF Isolation



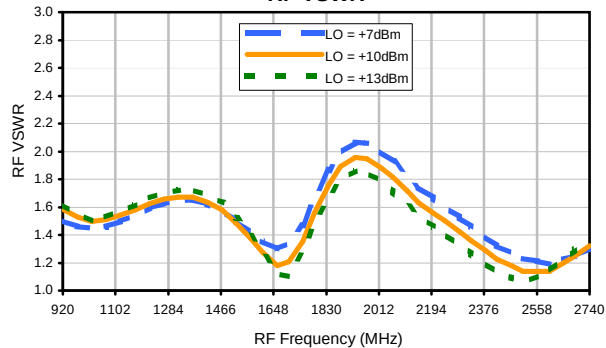
LO-IF Isolation



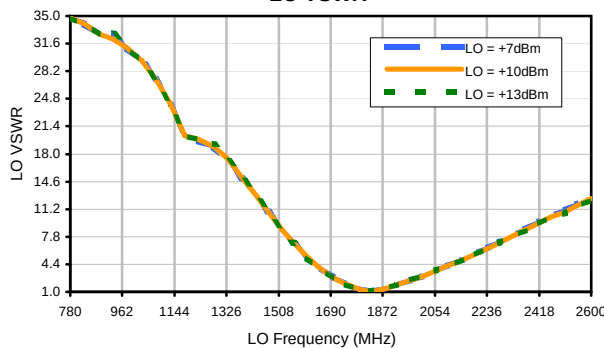
RF-IF Isolation



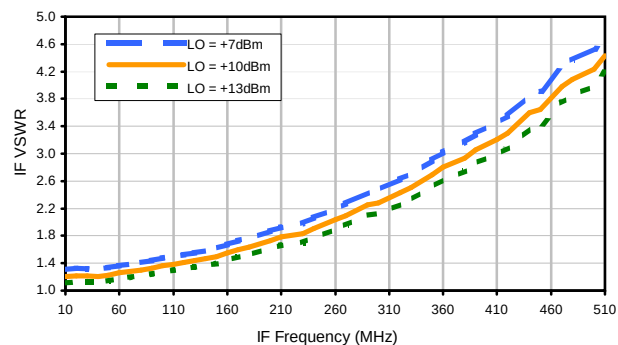
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	33	32	44	42	49	33	48	50	68
1	-	24	+0	29	31	37	52	39	52	41	50	52
2	59	68	64	60	71	>83	76	68	64	70	62	73
3	>90	>83	82	>83	58	67	77	82	81	75	80	71
4	>90	>83	>83	>83	>83	79	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1900 MHz; 0.00 dBm.
LO IN: 1760 MHz; +10.00 dBm
IF OUT: 140 MHz; -7.2 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	44	43	49	48	52	49	58	59	84
1	-	23	+0	30	33	37	53	40	67	46	60	60
2	39	62	56	58	58	68	66	66	63	66	70	67
3	67	68	62	73	38	46	59	75	74	61	59	59
4	>90	70	90	81	81	62	72	>93	85	73	81	73
5	>90	82	81	85	>93	>93	65	62	85	79	80	74
6	>90	87	>93	90	>93	>93	>93	75	79	>93	>93	88
7	>90	>93	>93	>93	>93	>93	>93	>93	78	78	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	89	84	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	90	89
10	>90	>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: 1900 MHz; 10.00 dBm.
LO IN: 1760 MHz; +10.00 dBm
IF OUT: 140 MHz; 2.59 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.