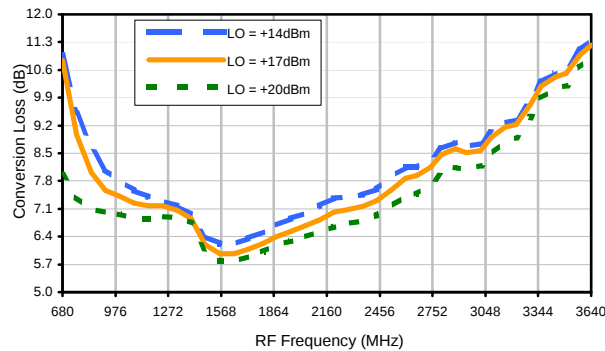
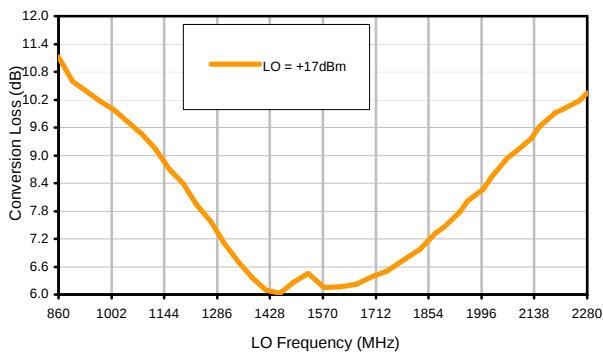


Typical Performance Curves

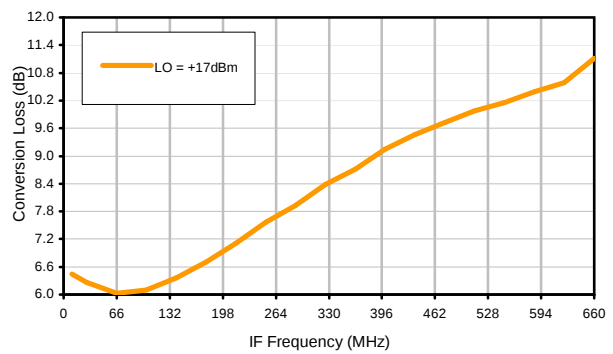
Conversion Loss @ IF=45MHz



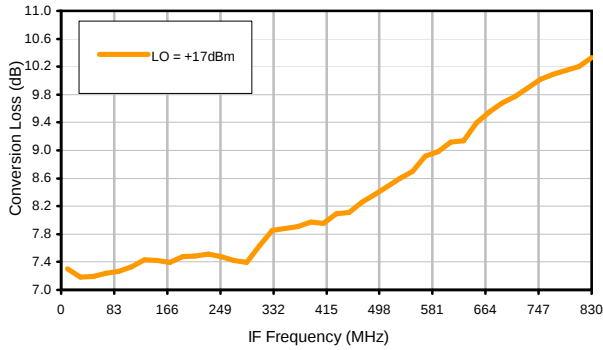
Conversion Loss vs. LO @ RF=1520.1MHz



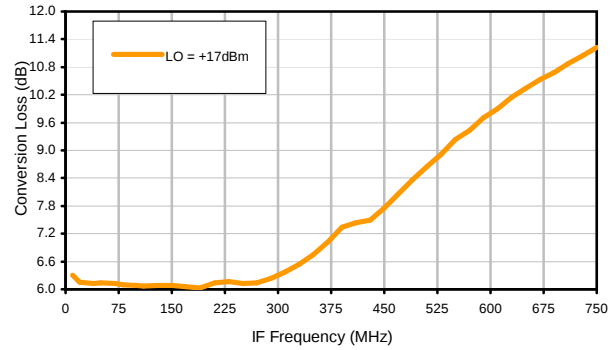
Conversion Loss vs. IF @ RF=1520.1MHz



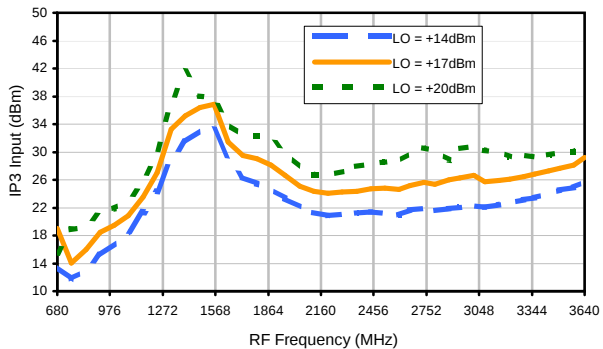
Conversion Loss vs. IF @ RF=1280MHz



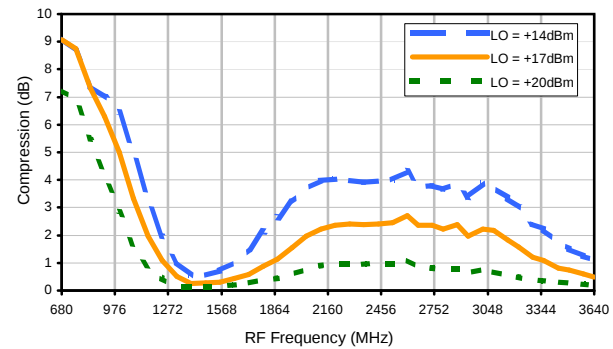
Conversion Loss vs. IF @ RF=1760.1MHz



IP3 Input

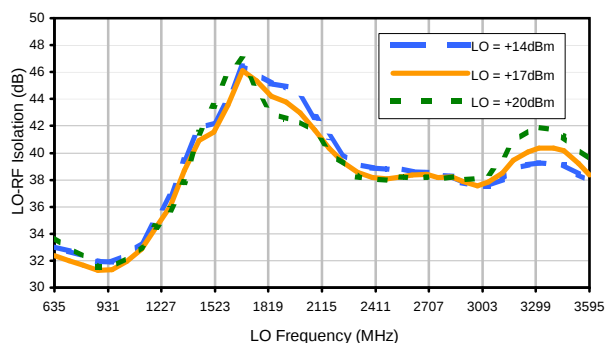


Compression @ RF IN=+20dBm

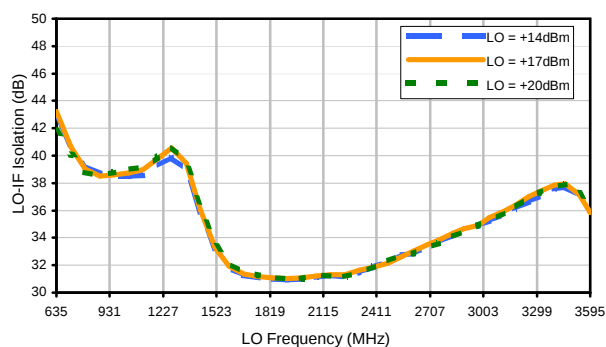


Typical Performance Curves

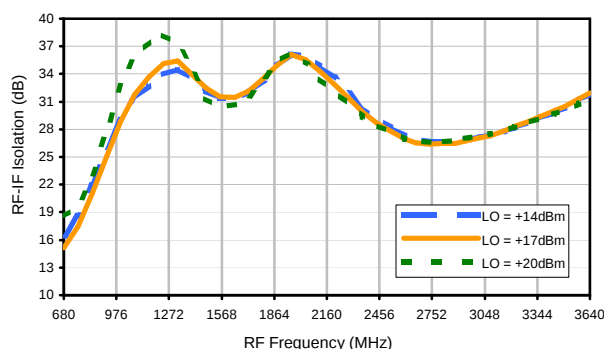
LO-RF Isolation



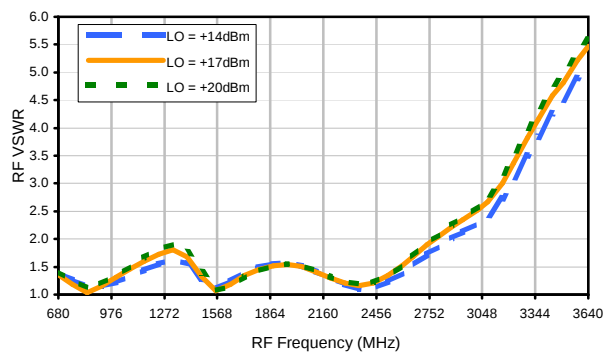
LO-IF Isolation



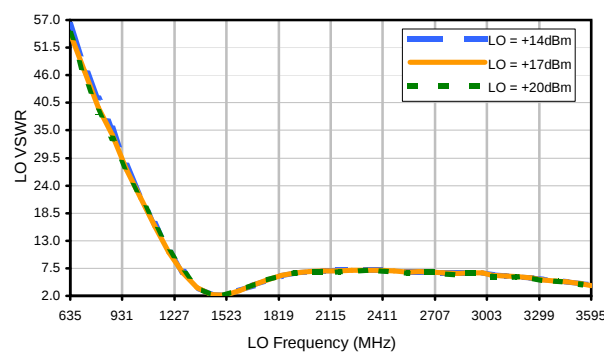
RF-IF Isolation



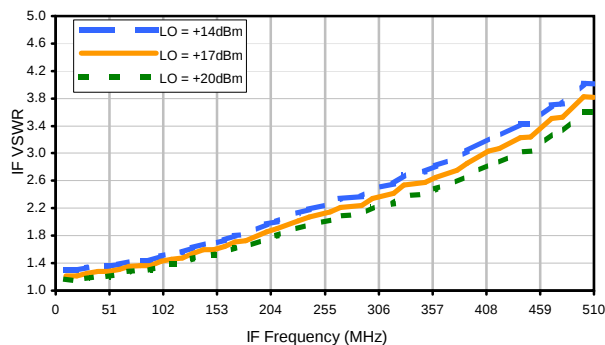
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	32	32	32	24	34	33	41	40	39
1	-	23	+0	34	31	33	39	49	47	43	52	54
2	56	78	68	58	76	75	81	81	72	>84	71	>84
3	>90	>84	>84	>84	82	>84	>84	>84	>84	>84	>84	>84
4	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1565 MHz; 0.00 dBm.
LO IN: 1520 MHz; +17.00 dBm
IF OUT: 45 MHz; -6.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	42	42	41	35	44	45	52	52	52
1	-	23	+0	35	31	34	40	48	46	43	52	55
2	36	69	60	48	66	64	68	69	61	72	60	77
3	73	79	80	76	60	79	76	74	70	80	75	87
4	>90	>94	89	>94	>94	89	87	>94	>94	>94	>94	>94
5	>90	>94	>94	>94	>94	>94	84	>94	>94	>94	>94	>94
6	>90	>94	>94	>94	>94	>94	>94	>94	93	>94	>94	>94
7	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
8	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
9	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1565 MHz; 10.00 dBm.
LO IN: 1520 MHz; +17.00 dBm
IF OUT: 45 MHz; 3.95 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.

REV. X2

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