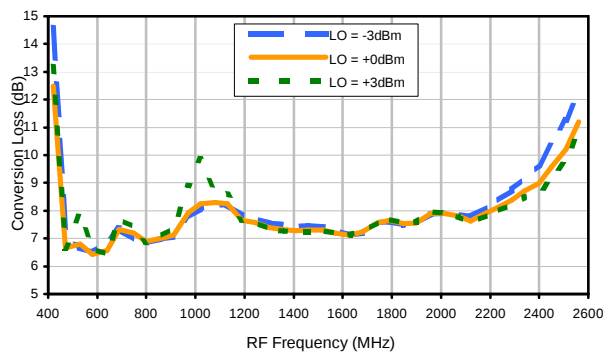
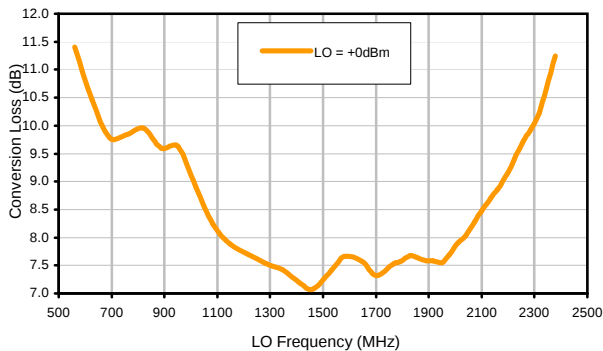


Typical Performance Curves

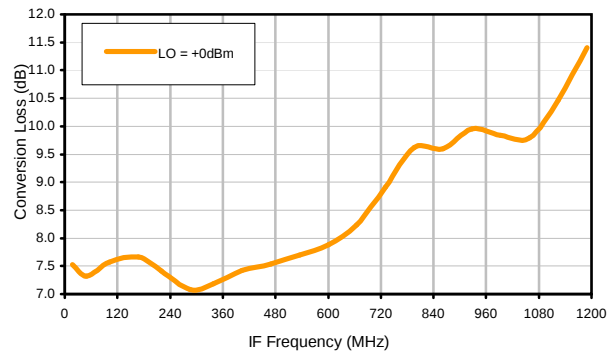
Conversion Loss @ IF=169 MHz



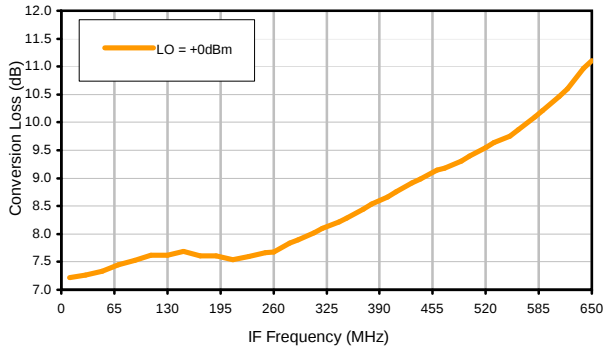
Conversion Loss vs. LO @ RF=1750.1 MHz



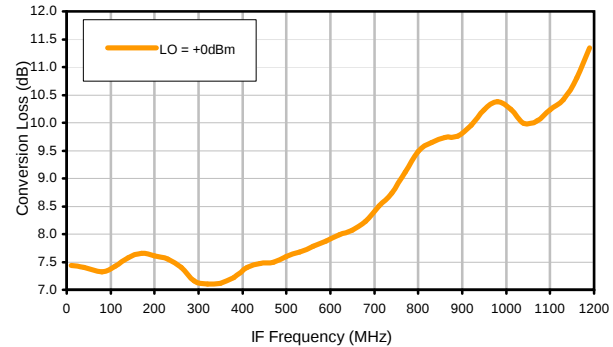
Conversion Loss vs. IF @ RF=1750.1 MHz



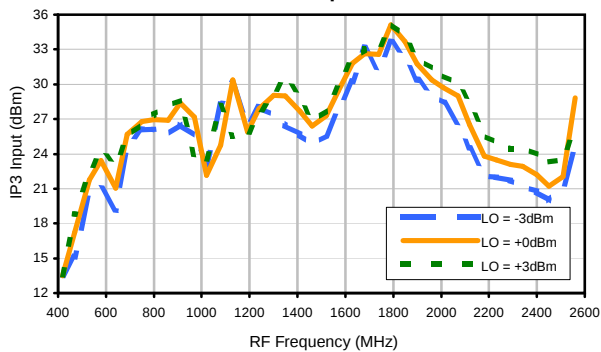
Conversion Loss vs. IF @ RF=1710.1 MHz



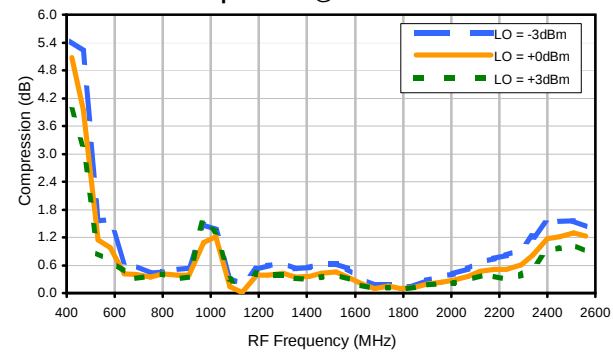
Conversion Loss vs. IF @ RF=1790.1MHz



IP3 Input

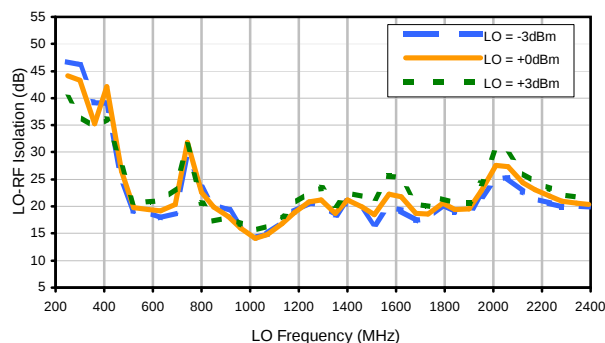


Compression @ RF IN = +15 dBm

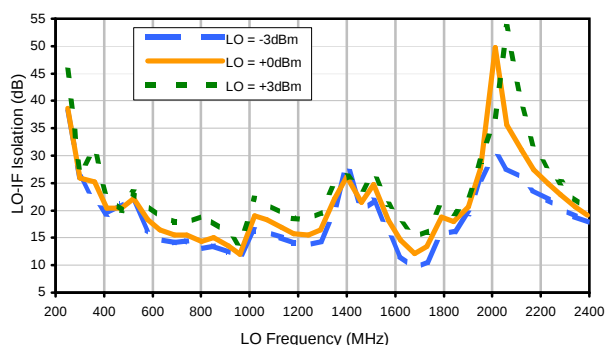


Typical Performance Curves

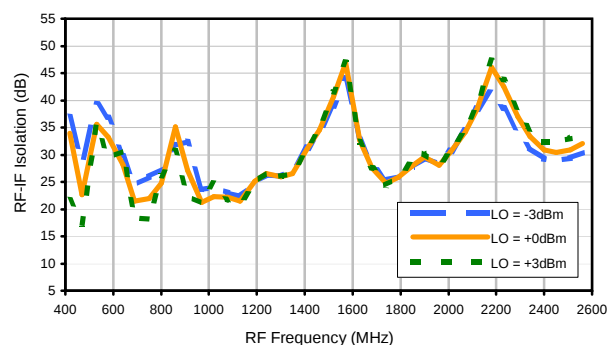
LO-RF Isolation



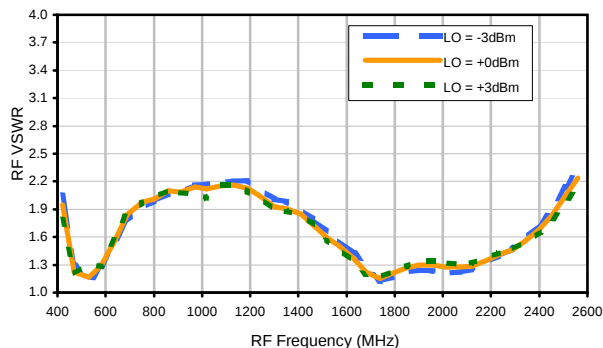
LO-IF Isolation



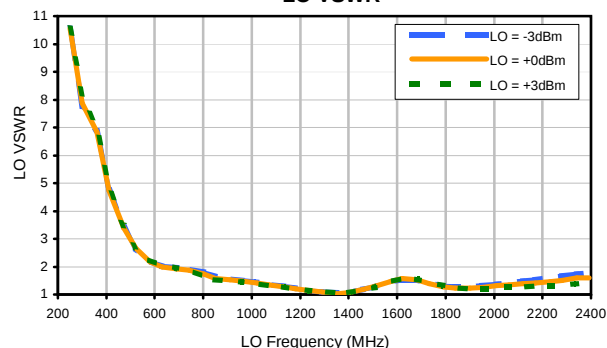
RF-IF Isolation



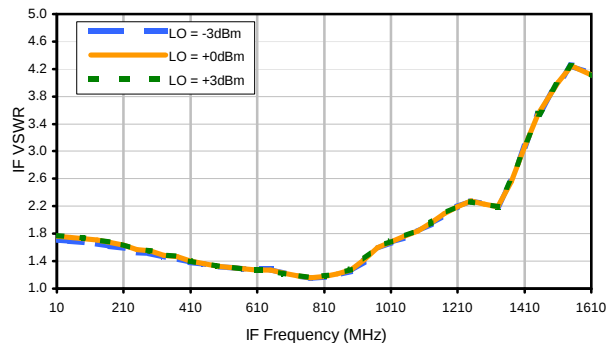
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	6	13	13	40	38	24	45	39	53
1	-	17	+0	31	32	38	38	38	79	44	59	52
2	59	57	78	54	69	68	69	66	70	79	69	70
3	>90	>82	>82	>82	71	77	>82	>82	>82	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1750 MHz; 0.00 dBm.

LO IN: 1581 MHz; +0.00 dBm

IF OUT: 169 MHz; -8.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	16	23	22	47	48	34	52	49	61
1	-	17	+0	31	32	39	38	38	75	44	61	54
2	40	47	67	44	62	59	59	57	61	70	61	62
3	71	64	64	66	52	60	74	67	82	70	87	78
4	>90	81	81	87	83	75	84	90	>91	>91	>91	>91
5	>90	>91	>91	>91	89	>91	81	85	>91	>91	>91	>91
6	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
7	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
8	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1750 MHz; 10.00 dBm.

LO IN: 1581 MHz; +0.00 dBm

IF OUT: 169 MHz; -1.00 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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