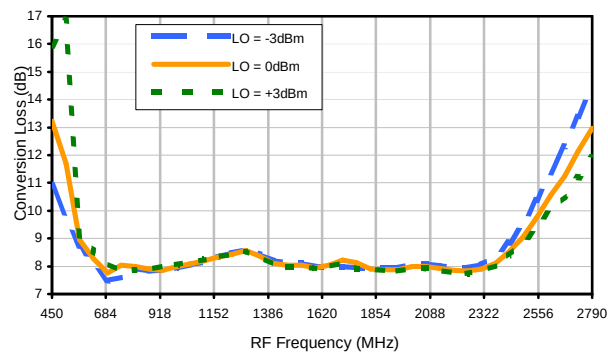
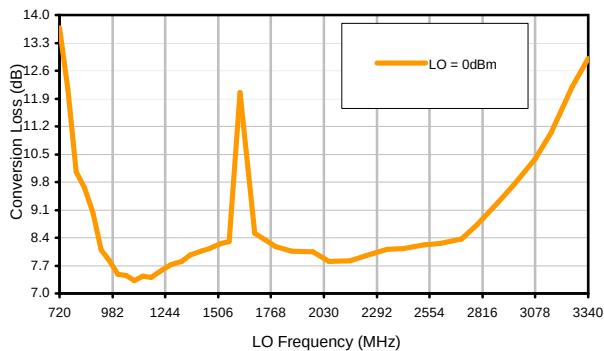


Typical Performance Curves

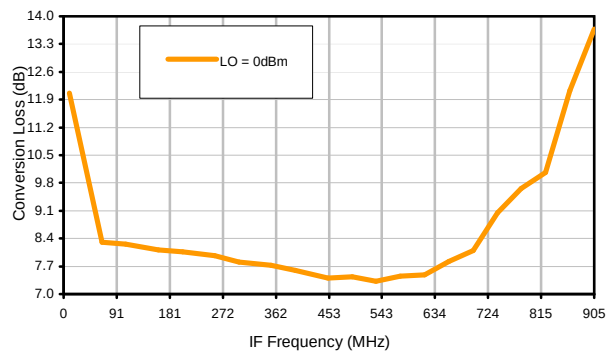
Conversion Loss @ IF=250MHz



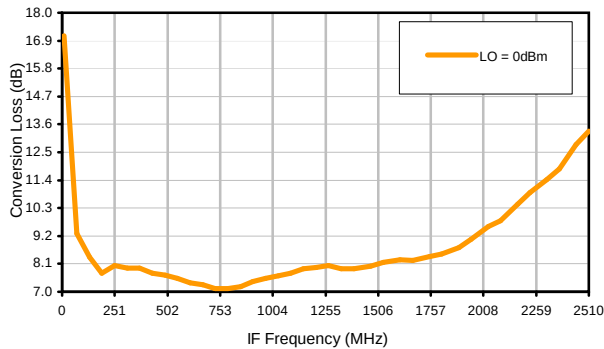
Conversion Loss vs. LO @ RF=1625.1MHz



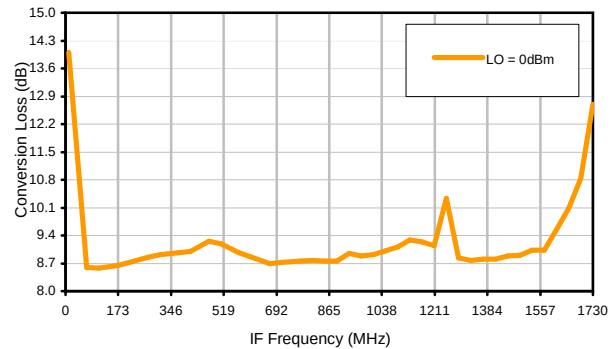
Conversion Loss vs. IF @ RF=1625.1MHz



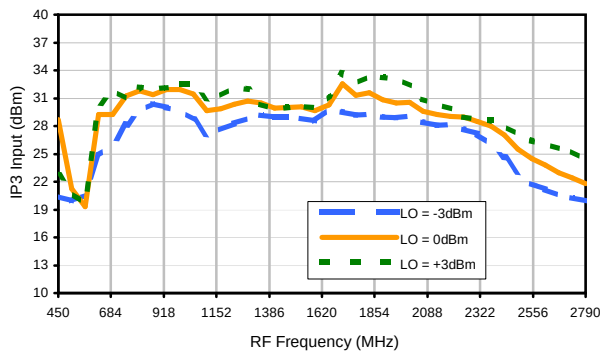
Conversion Loss vs. IF @ RF=750.1MHz



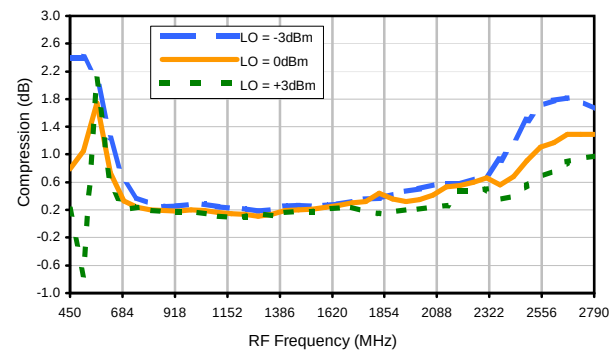
Conversion Loss vs. IF @ RF=2500.1001MHz



IP3 Input

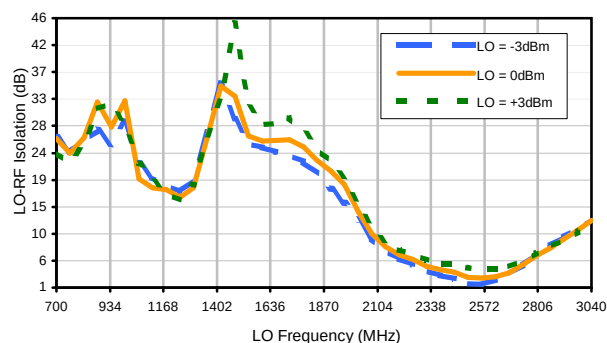


Compression @ RF IN=+17dBm

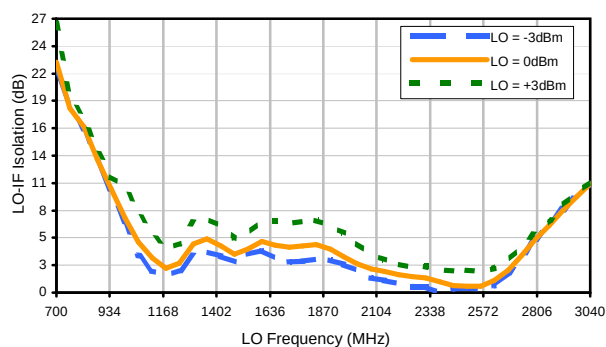


Typical Performance Curves

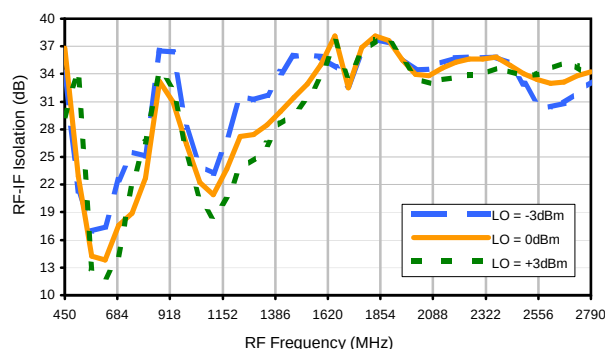
LO-RF Isolation



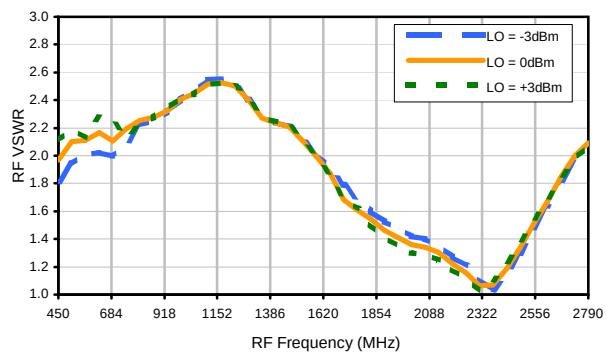
LO-IF Isolation



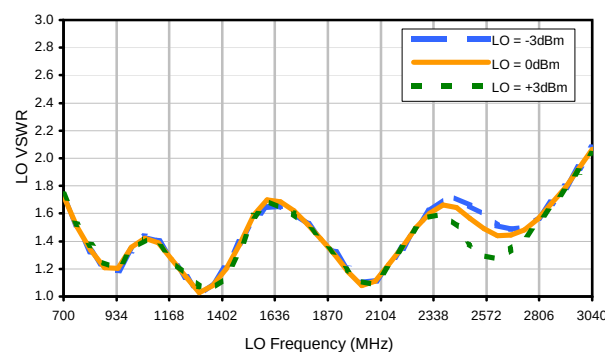
RF-IF Isolation



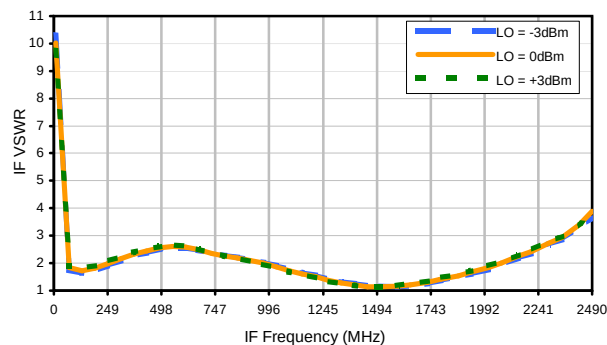
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	8	18	27	39	47	43	59	48	67
1	-	29	+0	37	18	39	34	57	56	54	67	76
2	57	63	55	58	60	63	61	70	76	79	>82	>82
3	>90	82	68	>82	62	>82	70	>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: 1625.1 MHz; 0.00 dBm.
LO IN: 1875.5 MHz; +0.00 dBm
IF OUT: 250.4 MHz; -8.06 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	18	28	38	50	55	54	73	60	80
1	-	28	+0	36	19	40	35	58	57	56	68	82
2	37	50	45	48	53	55	53	60	70	69	76	81
3	71	69	45	65	41	71	51	70	63	80	76	78
4	89	80	74	76	70	74	72	73	81	87	88	>92
5	>90	>92	78	82	70	77	65	84	72	>92	85	>92
6	>90	>92	91	91	83	85	82	89	90	>92	>92	>92
7	>90	>92	>92	>92	81	>92	77	90	79	>92	87	>92
8	>90	>92	>92	>92	>92	>92	87	91	85	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	91	>92	88	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1625.1 MHz; 10.00 dBm.
LO IN: 1875.5 MHz; +0.00 dBm
IF OUT: 250.4 MHz; 1.88 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.