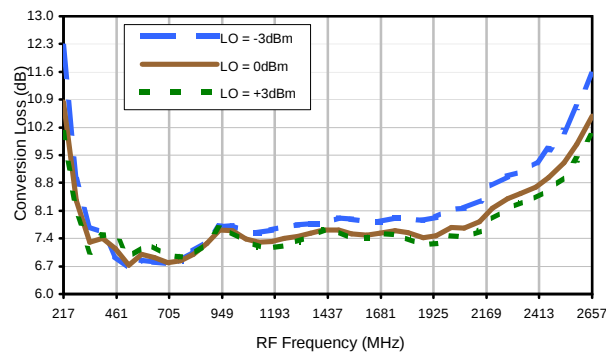
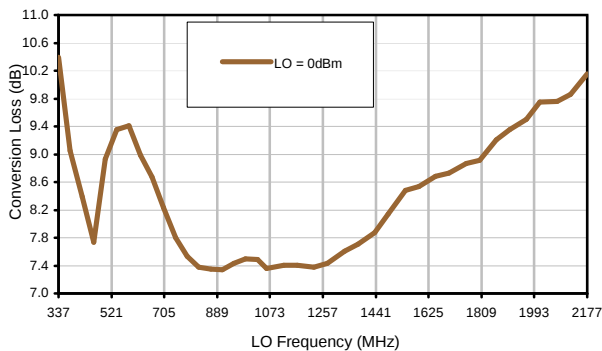


Typical Performance Curves

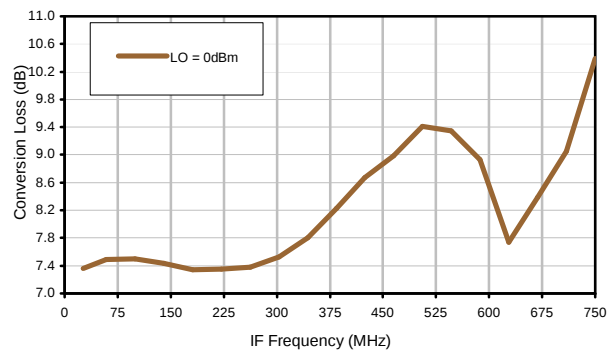
Conversion Loss @ IF=112.5MHz



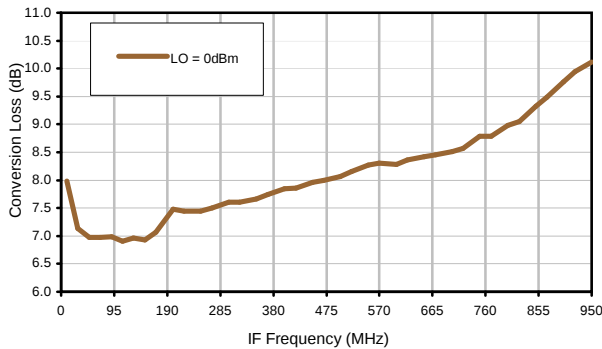
Conversion Loss vs. LO @ RF=1087.5MHz



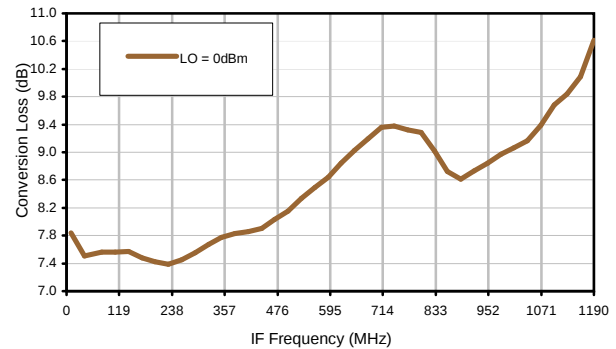
Conversion Loss vs. IF @ RF=1087.5MHz



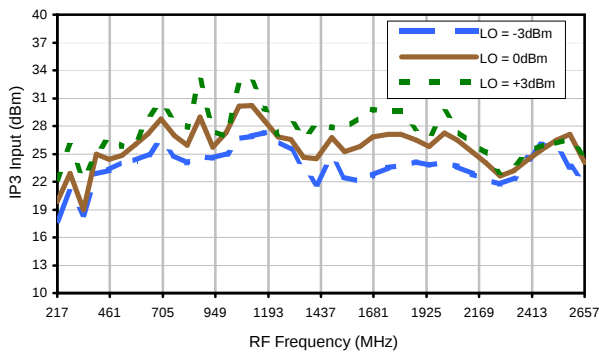
Conversion Loss vs. IF @ RF=477.5MHz



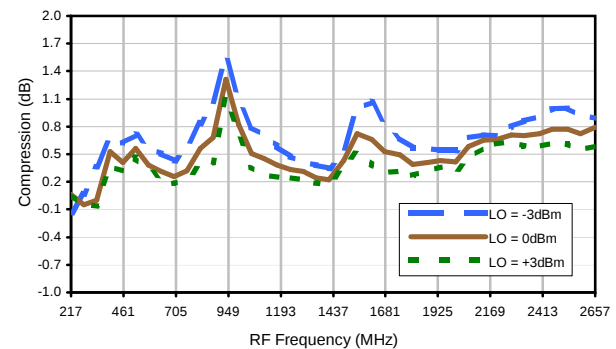
Conversion Loss vs. IF @ RF=1697.5MHz



IP3 Input

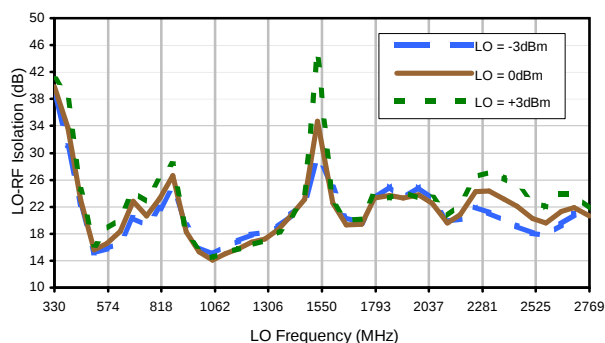


Compression @ RF IN=+15dBm

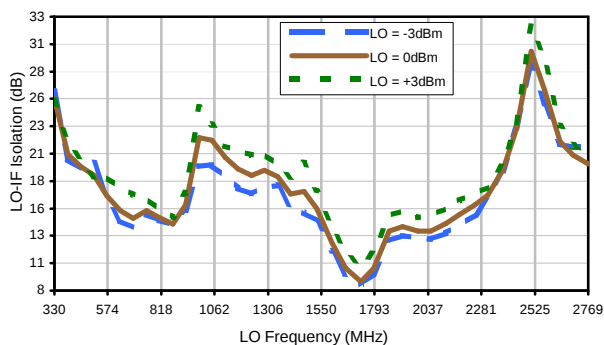


Typical Performance Curves

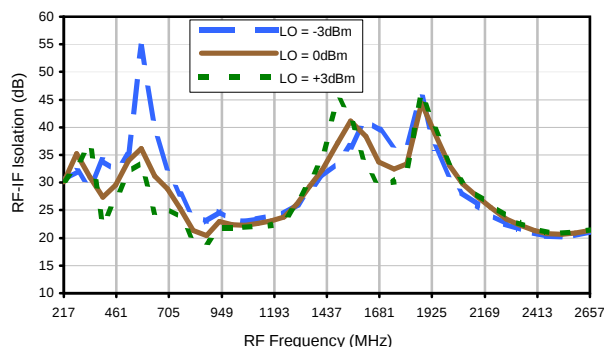
LO-RF Isolation



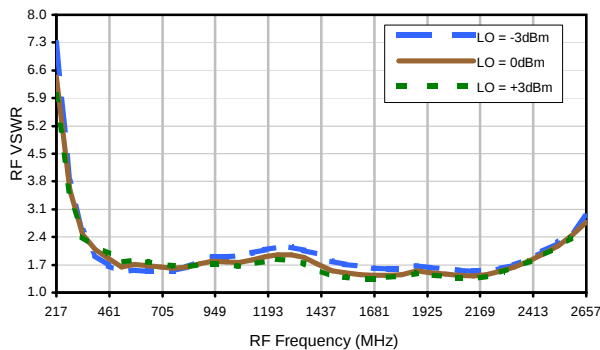
LO-IF Isolation



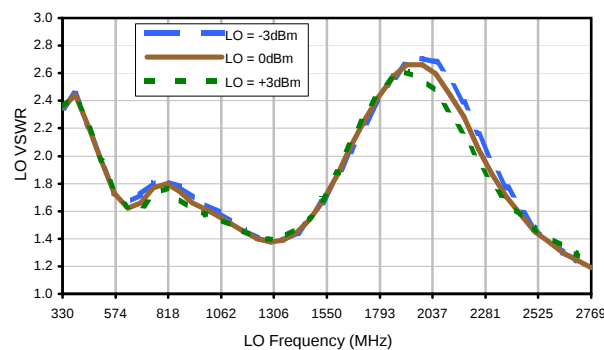
RF-IF Isolation



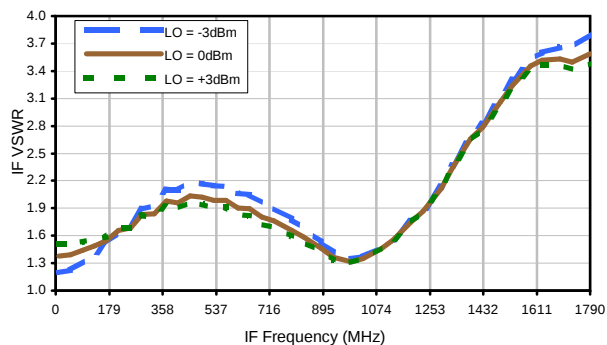
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	16	30	26	33	32	49	42	43	50
1	-	15	+0	30	18	45	33	44	54	50	50	50
2	54	39	55	46	42	49	59	51	74	62	66	66
3	>90	67	55	58	50	70	60	62	72	69	82	78
4	>90	>83	>83	>83	79	77	74	>83	77	>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: 1087.50 MHz; 0.00 dBm.
LO IN: 1200.00 MHz; +0.00 dBm
IF OUT: 112.50 MHz; -7.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	23	37	33	46	43	51	52	61	63
1	-	15	+0	29	19	43	34	50	57	59	55	50
2	40	30	52	36	34	41	60	46	62	59	68	64
3	66	48	36	39	32	57	43	48	56	59	67	69
4	90	58	57	72	51	56	50	65	54	61	81	92
5	>90	71	68	69	59	63	54	68	69	73	76	72
6	>90	81	81	73	70	70	61	64	67	73	66	85
7	>90	85	>92	83	91	79	73	70	71	85	84	91
8	>90	>92	92	91	>92	89	83	87	74	76	77	83
9	>90	>92	>92	>92	>92	87	>92	85	80	82	87	86
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	87	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1087.50 MHz; +10.00 dBm.
LO IN: 1200.00 MHz; +0.00 dBm
IF OUT: 112.50 MHz; +2.43 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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