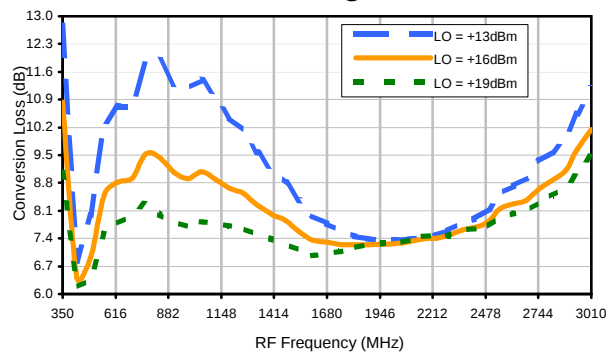
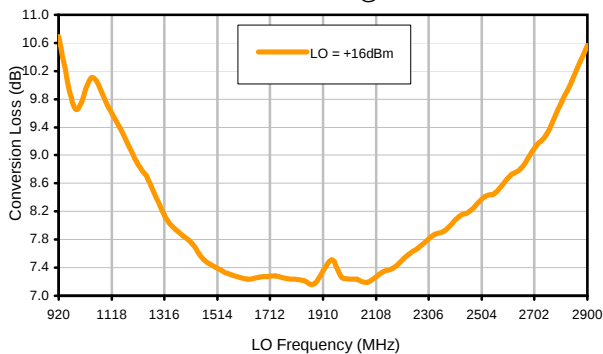


Typical Performance Curves

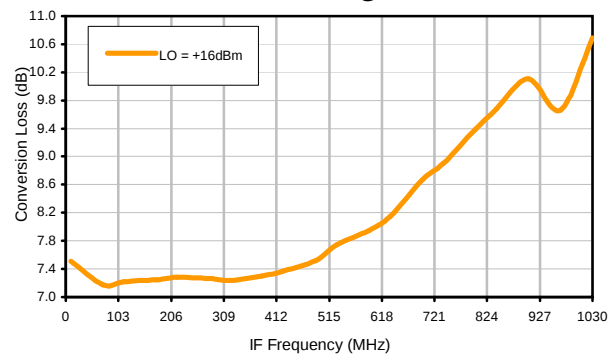
Conversion Loss @ IF=240MHz



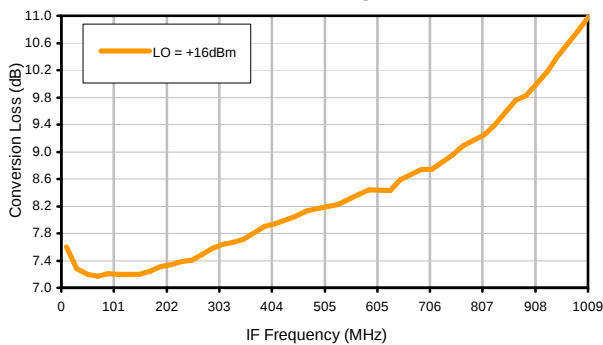
Conversion Loss vs. LO @ RF=1950.1MHz



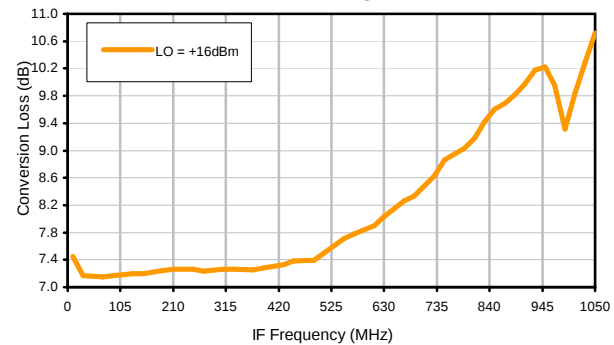
Conversion Loss vs. IF @ RF=1950.1MHz



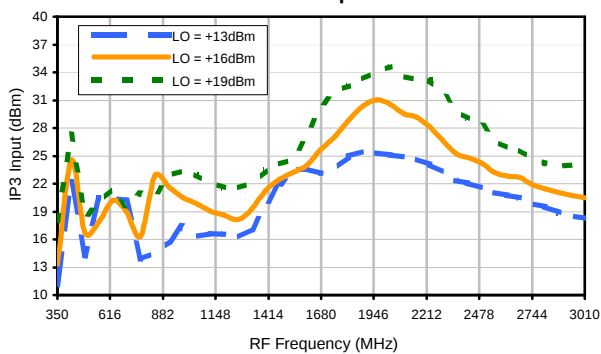
Conversion Loss vs. IF @ RF=1920.1MHz



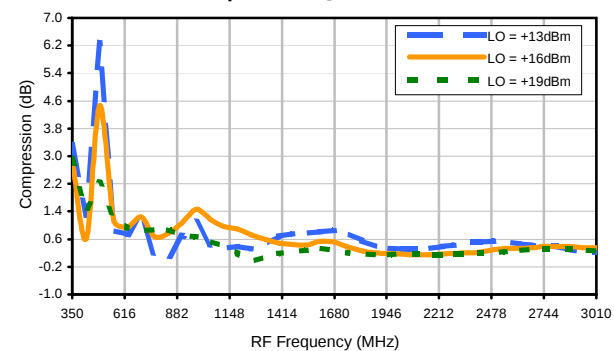
Conversion Loss vs. IF @ RF=1980.1MHz



IP3 Input

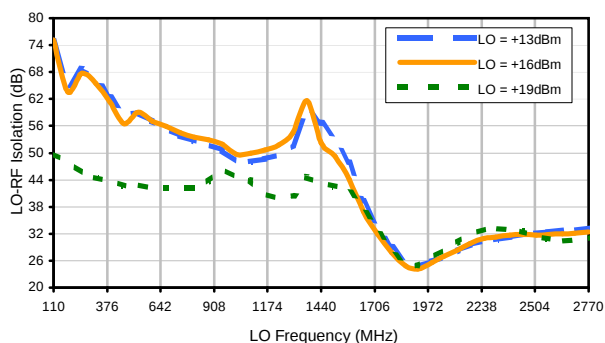


Compression @ RF IN=+15dBm

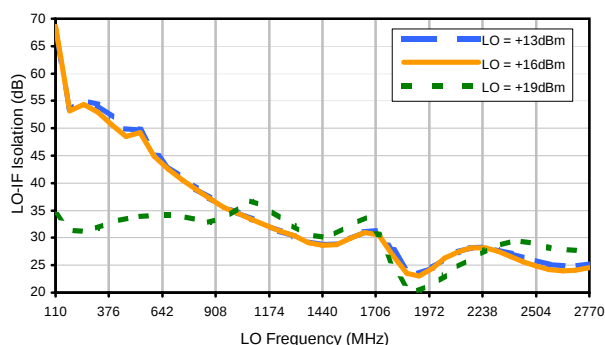


Typical Performance Curves

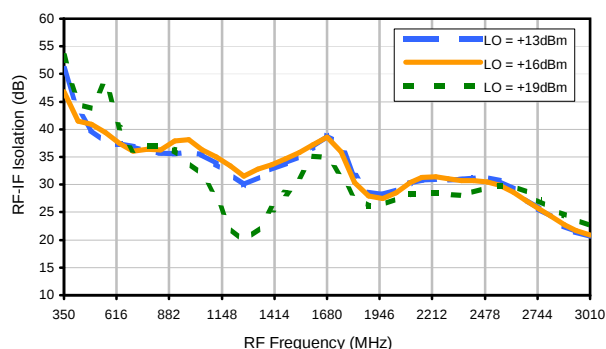
LO-RF Isolation



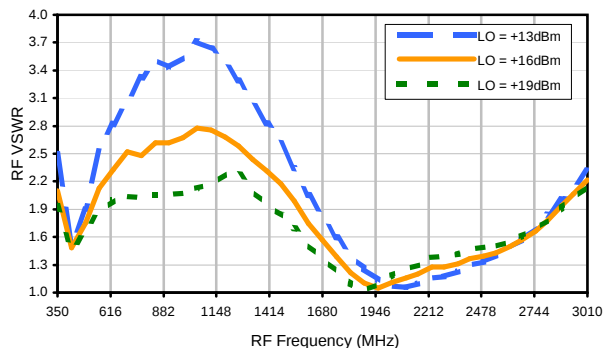
LO-IF Isolation



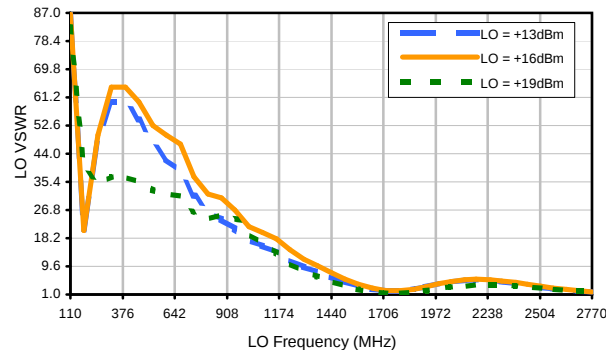
RF-IF Isolation



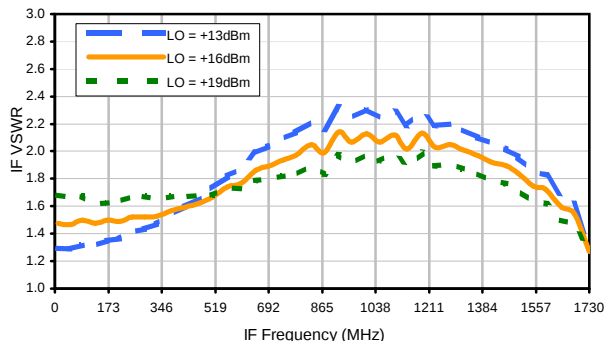
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	14	32	35	47	33	48	41	57	53
1	-	19	+0	39	16	59	29	56	48	64	54	77
2	59	46	45	50	47	56	57	64	77	61	78	66
3	>90	76	62	68	54	67	56	71	63	80	>82	>82
4	>90	>82	>82	>82	>82	82	81	80	>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: 1950 MHz; 0.00 dBm.

LO IN: 1710 MHz; +16.00 dBm

IF OUT: 240 MHz; -7.58 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	24	38	46	55	42	60	50	69	59
1	-	19	+0	38	17	58	31	69	49	64	58	75
2	39	36	35	40	38	46	52	55	72	55	72	62
3	66	58	43	51	35	52	40	59	47	83	64	78
4	>90	>92	75	63	72	57	58	56	67	63	73	64
5	>90	88	81	74	64	65	57	63	56	69	61	80
6	>90	85	84	86	>92	77	80	70	72	65	75	71
7	>90	>92	>92	>92	>92	85	80	79	73	71	71	78
8	>90	>92	>92	>92	>92	>92	>92	89	86	82	78	76
9	>90	>92	>92	>92	>92	>92	>92	91	>92	91	91	79
10	88	>92	>92	>92	>92	>92	>92	>92	>92	>92	91	91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1950 MHz; 10.00 dBm.

LO IN: 1710 MHz; +16.00 dBm

IF OUT: 240 MHz; 2.35 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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