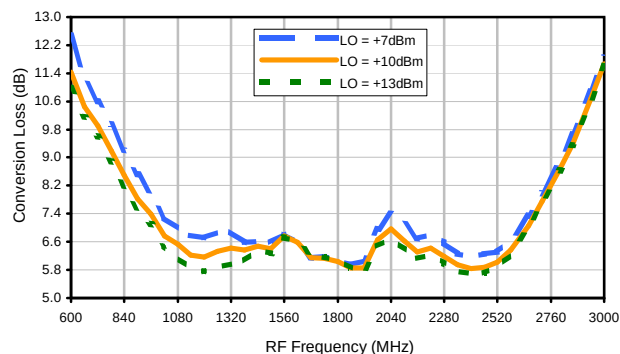
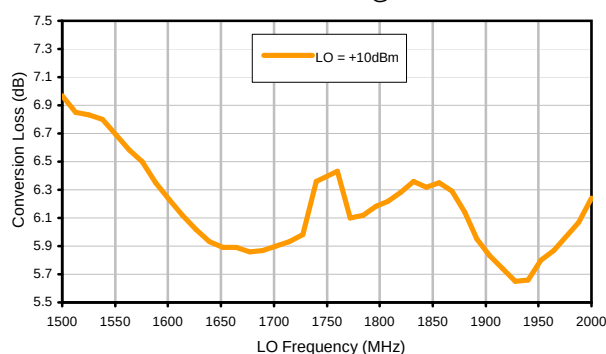


Typical Performance Curves

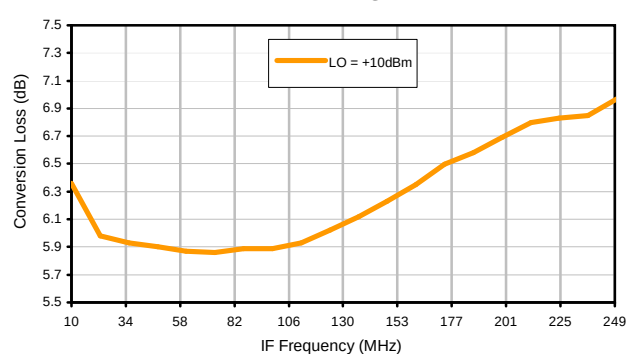
Conversion Loss @ IF=30MHz



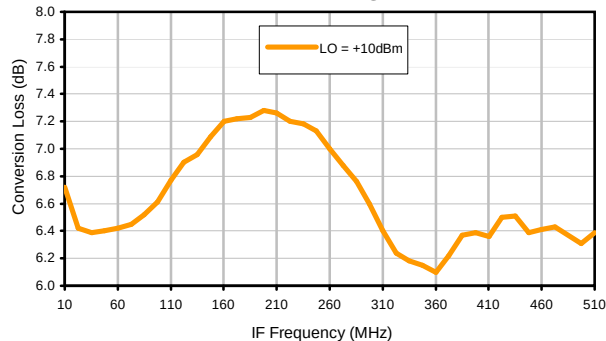
Conversion Loss vs. LO @ RF=1750MHz



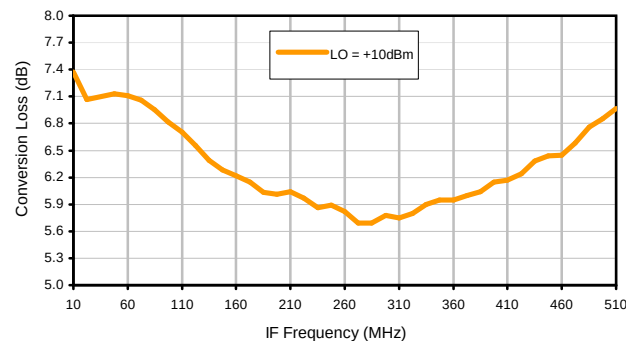
Conversion Loss vs. IF @ RF=1750MHz



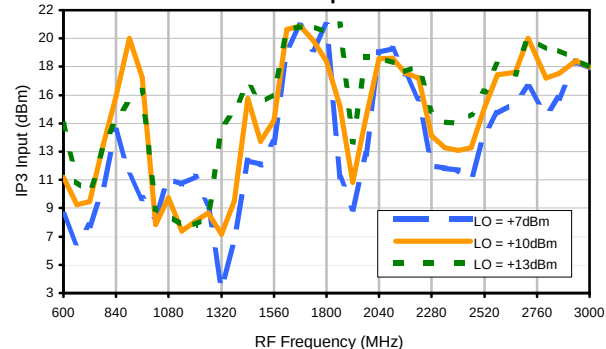
Conversion Loss vs. IF @ RF=1490MHz



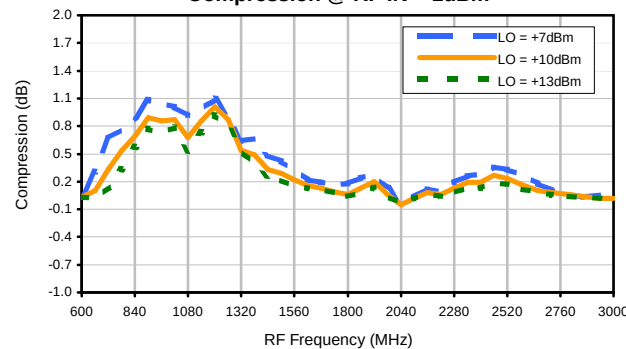
Conversion Loss vs. IF @ RF=2010.1MHz



IP3 Input

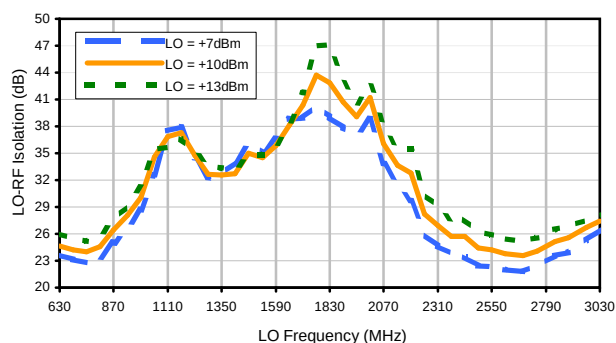


Compression @ RF IN=+1dBm

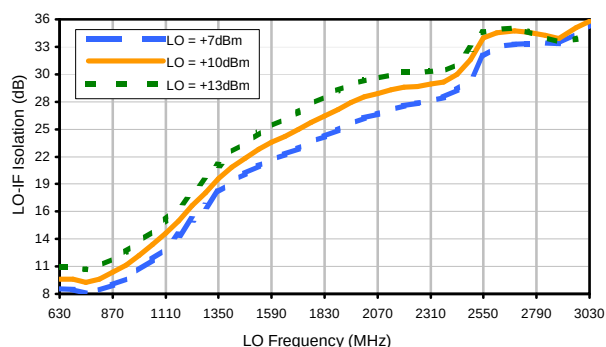


Typical Performance Curves

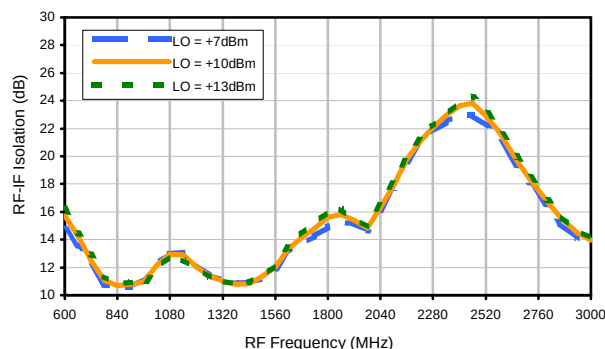
LO-RF Isolation



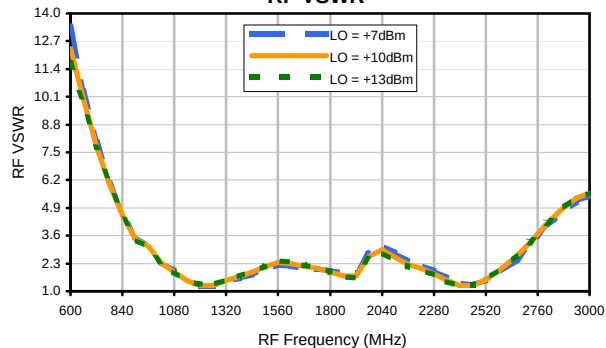
LO-IF Isolation



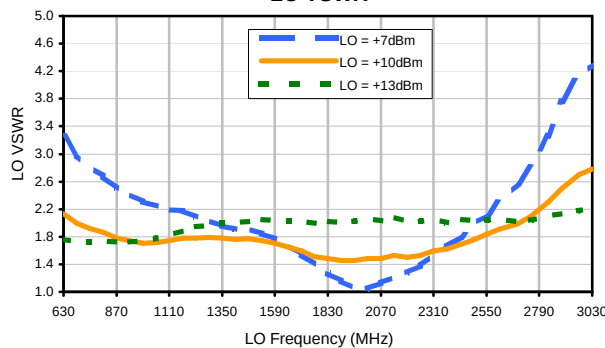
RF-IF Isolation



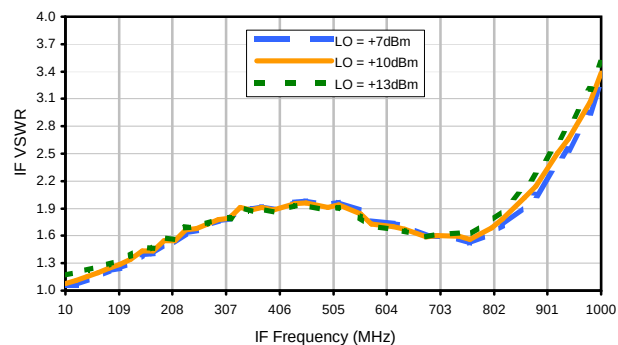
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	1	+0	14	6	14	26	32	18	30
1	-	9	+0	31	32	32	22	23	35	38	43	38
2	>90	>64	>64	60	>64	63	51	>64	54	60	>64	>64
3	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
4	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
5	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
6	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
7	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
8	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
9	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
10	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1750 MHz; -14.00 dBm.

LO IN: 1780 MHz; +10.00 dBm

IF OUT: 30 MHz; -26.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	13	12	26	18	26	38	47	31	42
1	-	9	+0	31	32	32	22	23	37	38	45	39
2	76	61	64	49	55	52	40	68	44	51	56	60
3	>90	73	>75	74	62	71	74	70	60	59	59	68
4	>90	>75	>75	>75	>75	>75	>75	>75	72	>75	71	>75
5	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
6	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
7	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
8	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
9	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
10	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1750 MHz; -4.00 dBm.

LO IN: 1780 MHz; +10.00 dBm

IF OUT: 30 MHz; -14.83 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. X3

LRMS-20J

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