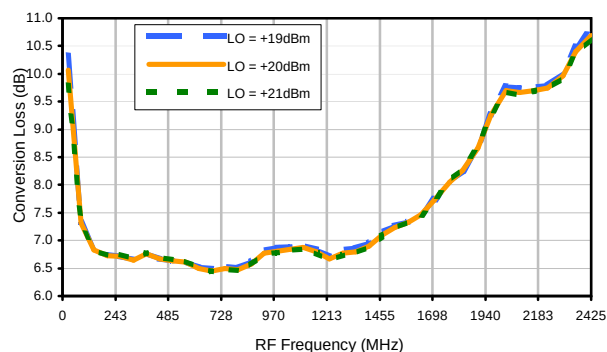
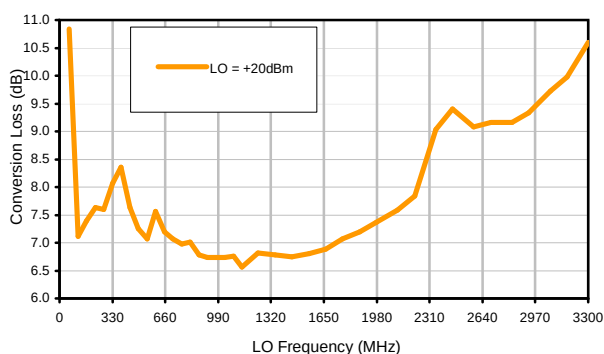


Typical Performance Curves

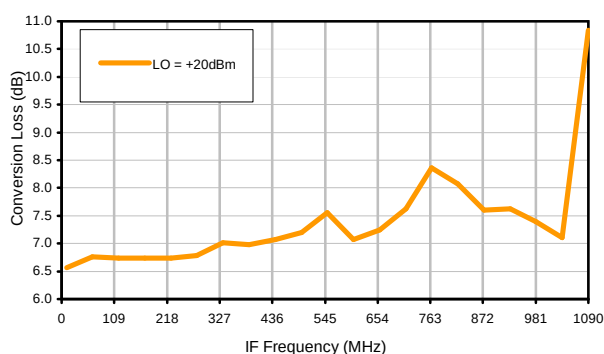
Conversion Loss @ IF=390MHz



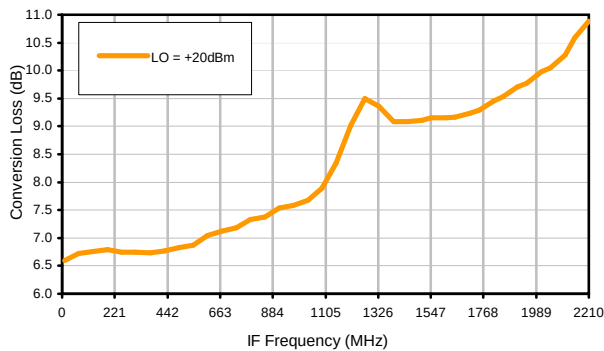
Conversion Loss vs. LO @ RF=1150.1MHz



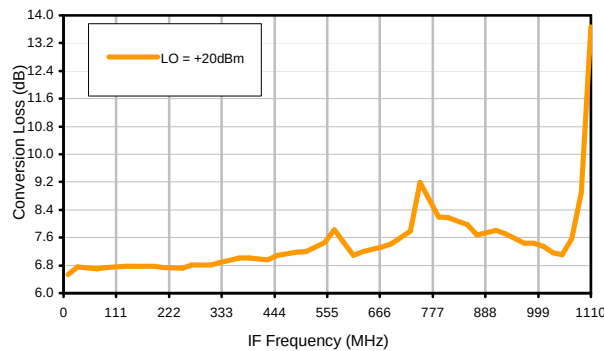
Conversion Loss vs. IF @ RF=1150.1MHz



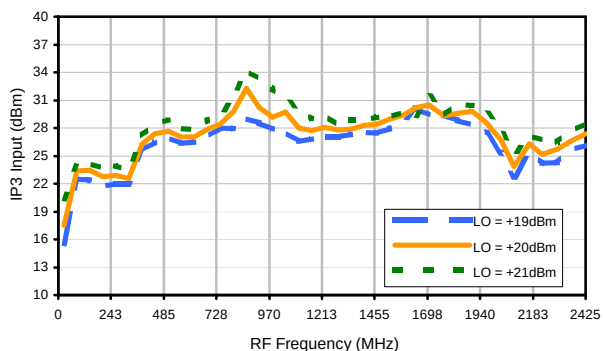
Conversion Loss vs. IF @ RF=1138.1MHz



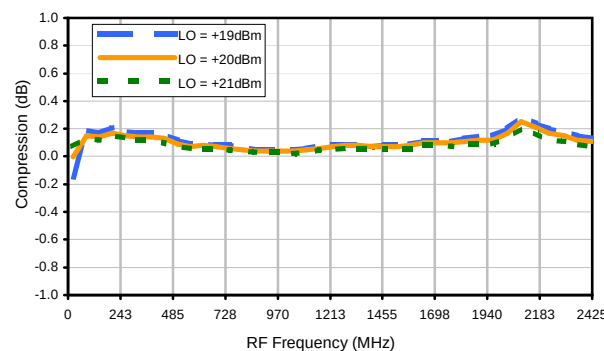
Conversion Loss vs. IF @ RF=1162.1MHz



IP3 Input

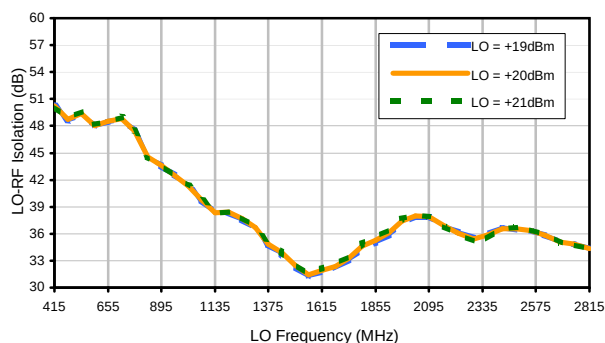


Compression @ RF IN=+10dBm

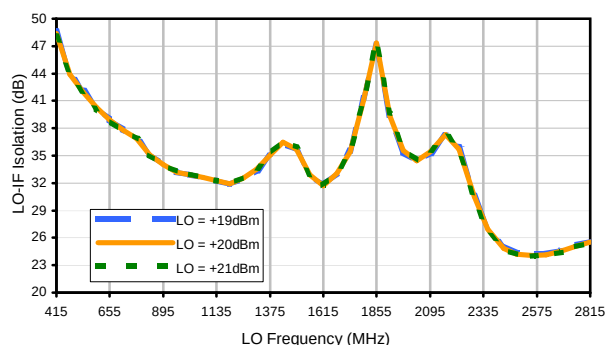


Typical Performance Curves

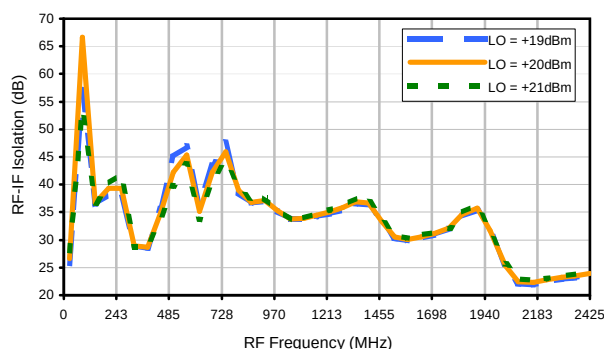
LO-RF Isolation



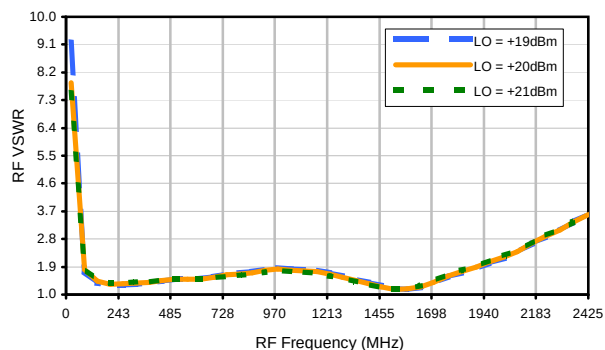
LO-IF Isolation



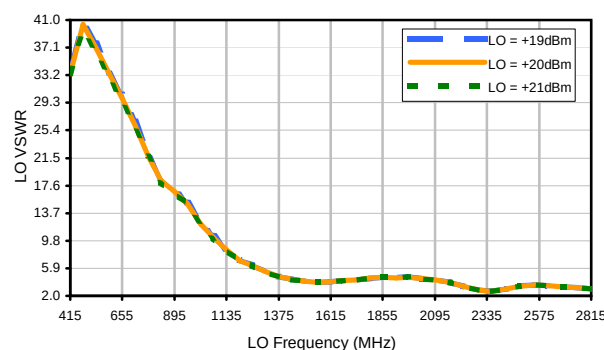
RF-IF Isolation



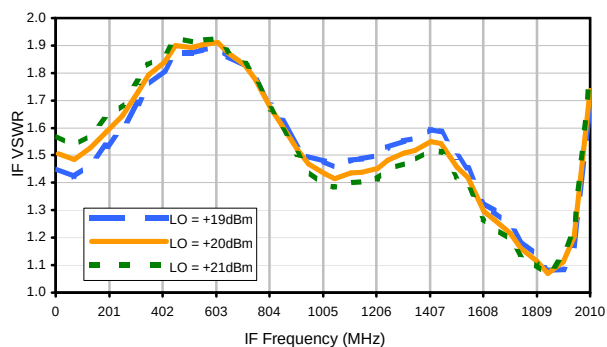
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	13	20	16	20	22	42	26	24	50
1	-	27	+0	50	20	43	31	47	38	53	44	55
2	74	61	72	65	>78	74	69	72	72	72	>78	>78
3	>90	>78	78	78	75	>78	>78	>78	>78	>78	>78	>78
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1150 MHz; -5.00 dBm.

LO IN: 1540 MHz; +20.00 dBm

IF OUT: 390 MHz; -11.81 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	23	30	26	30	32	52	36	34	60
1	-	27	+0	48	20	43	31	47	39	53	44	56
2	54	53	67	52	63	63	59	61	61	59	72	68
3	82	70	54	61	52	67	62	75	73	88	71	80
4	>90	82	>88	72	80	85	86	87	86	86	>88	84
5	>90	>88	>88	84	>88	80	82	>88	86	>88	>88	>88
6	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
7	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
8	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1150 MHz; 5.00 dBm.

LO IN: 1540 MHz; +20.00 dBm

IF OUT: 390 MHz; -1.82 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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