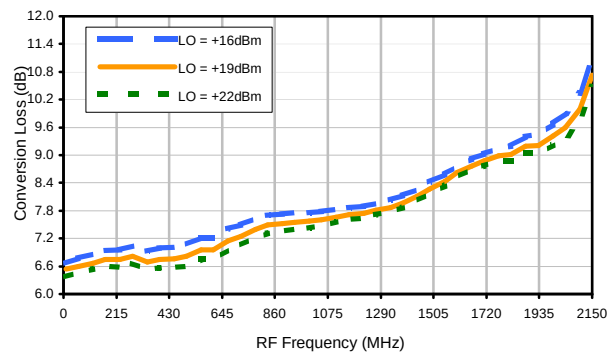
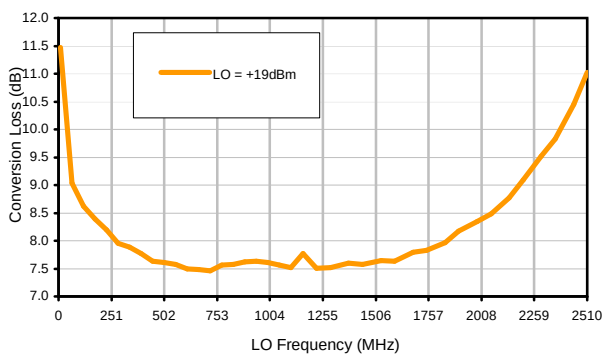


Typical Performance Curves

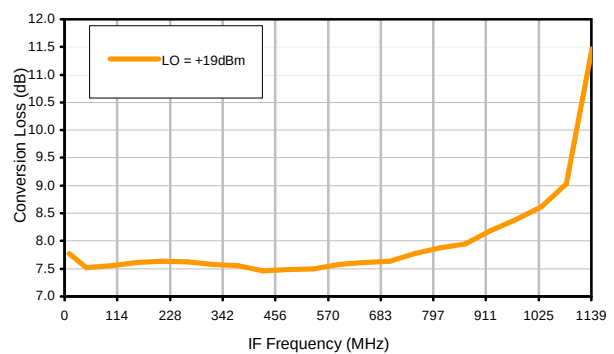
Conversion Loss @ IF=500MHz



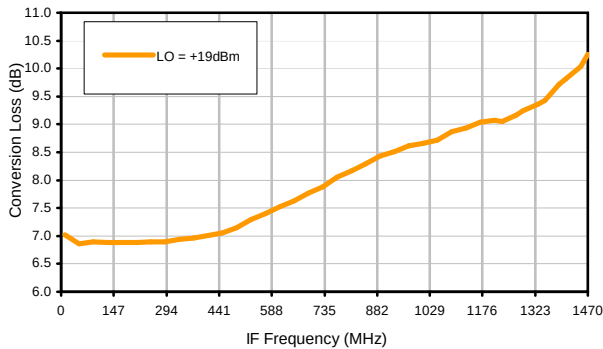
Conversion Loss vs. LO @ RF=1150MHz



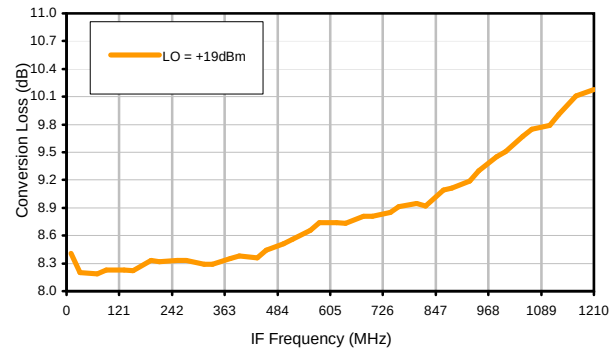
Conversion Loss vs. IF @ RF=1150MHz



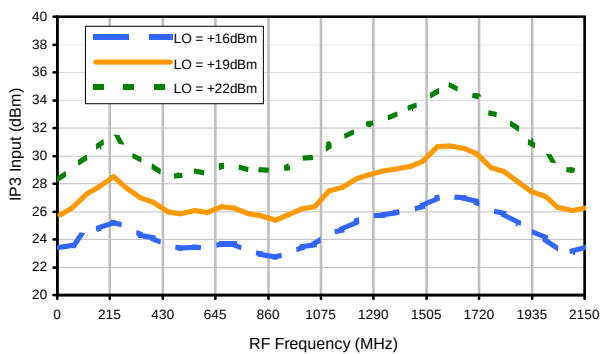
Conversion Loss vs. IF @ RF=689.9MHz



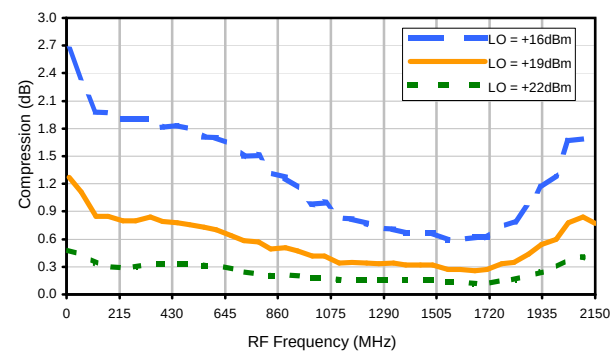
Conversion Loss vs. IF @ RF=1660.1MHz



IP3 Input

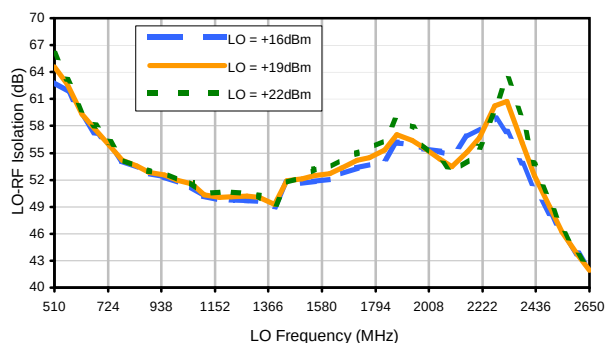


Compression @ RF IN=+17dBm

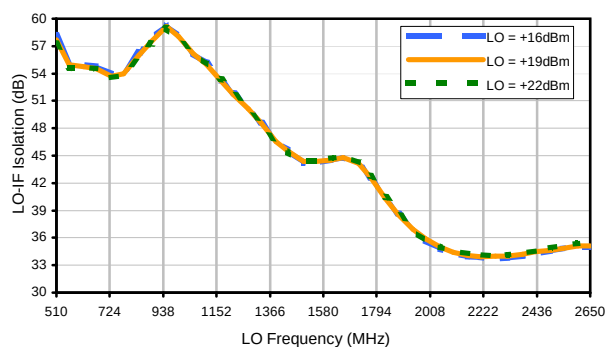


Typical Performance Curves

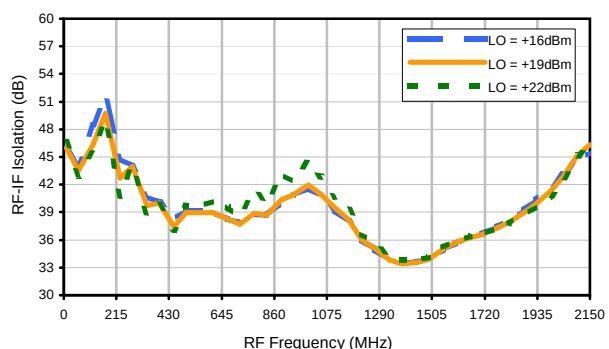
LO-RF Isolation



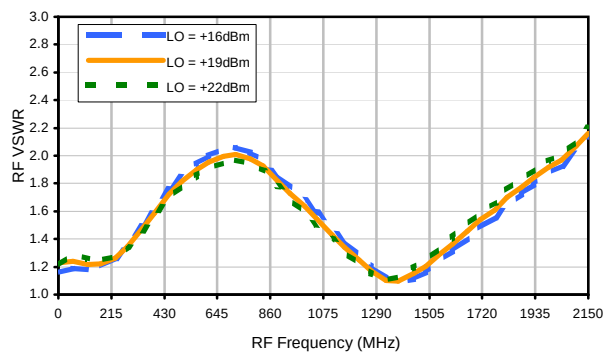
LO-IF Isolation



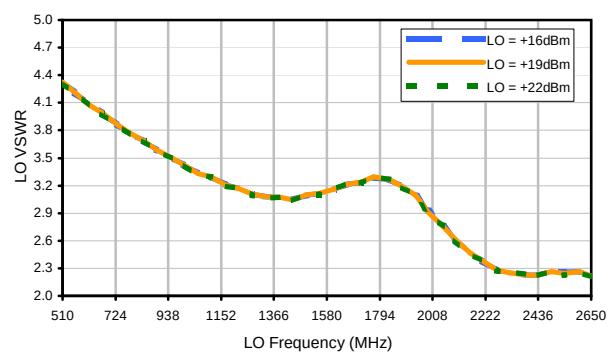
RF-IF Isolation



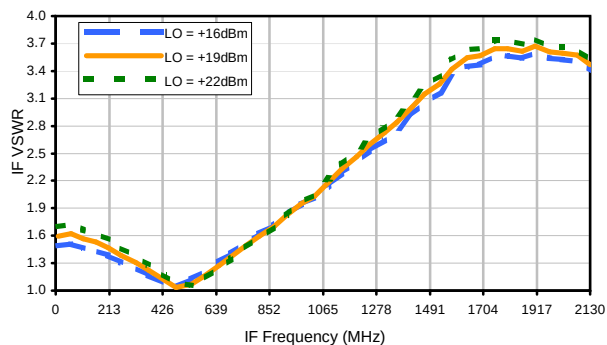
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	18	23	36	41	46	39	58	54	65
1	-	29	+0	35	21	50	35	48	43	63	59	75
2	63	64	63	80	81	64	>82	70	78	76	>82	>82
3	>90	>82	70	>82	67	>82	78	>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: 1150 MHz; 0.00 dBm.
LO IN: 1650 MHz; +19.00 dBm
IF OUT: 500 MHz; -7.72 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	27	33	45	55	49	50	66	68	68
1	-	29	+0	35	21	51	37	48	45	67	61	77
2	43	54	53	71	62	53	73	60	66	65	80	80
3	67	77	50	66	47	65	57	83	67	76	69	88
4	89	75	87	76	77	74	84	87	>92	83	>92	>92
5	>90	>92	86	81	74	75	81	83	>92	88	>92	89
6	>90	>92	>92	>92	>92	87	88	91	>92	>92	>92	>92
7	>90	>92	>92	>92	91	91	86	91	>92	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>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: 1150 MHz; 10.00 dBm.
LO IN: 1650 MHz; +19.00 dBm
IF OUT: 500 MHz; 2.16 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.