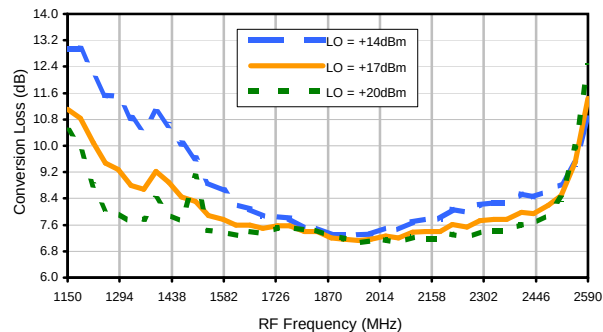
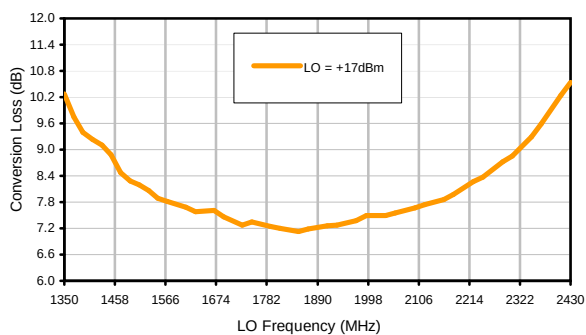


Typical Performance Curves

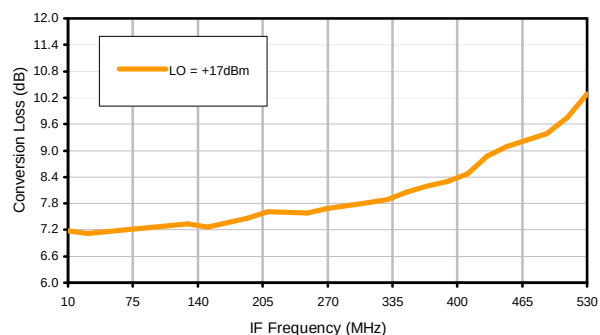
Conversion Loss @ IF=70MHz



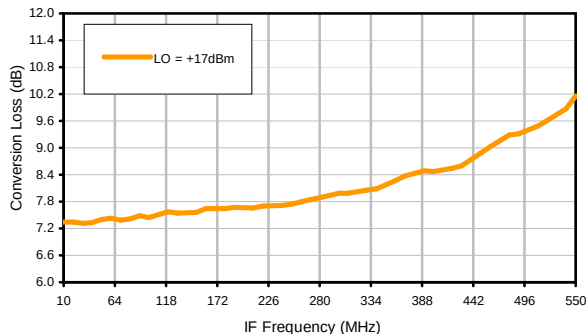
Conversion Loss vs. LO @ RF=1880MHz



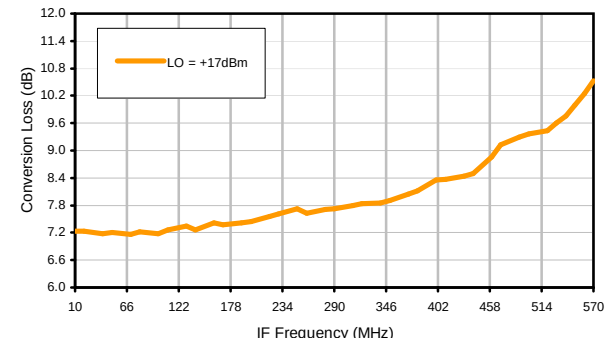
Conversion Loss vs. IF @ RF=1880MHz



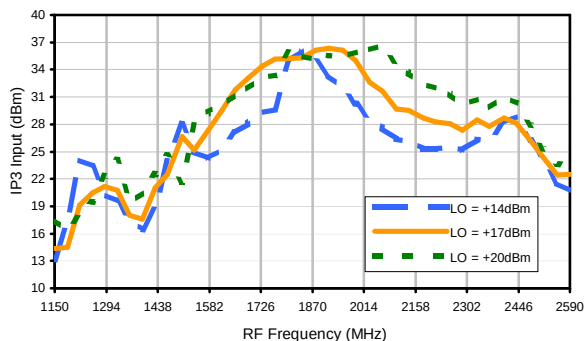
Conversion Loss vs. IF @ RF=1839.9MHz



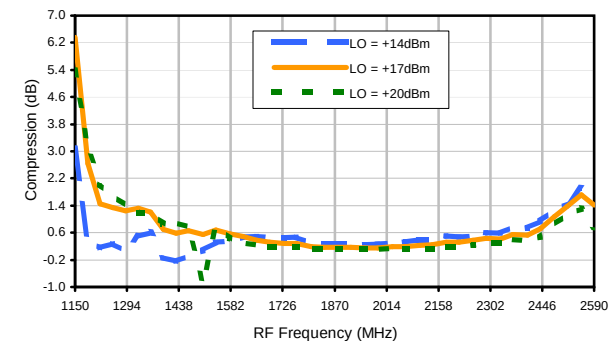
Conversion Loss vs. IF @ RF=1920.1MHz



IP3 Input

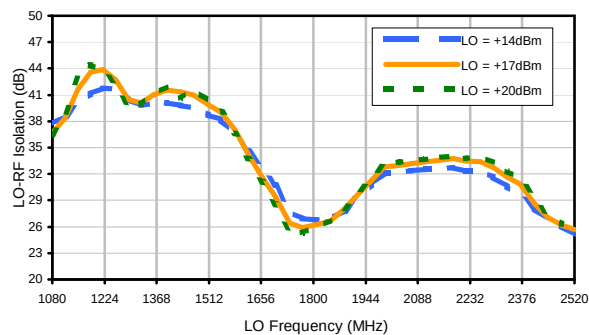


Compression @ RF IN=+17dBm

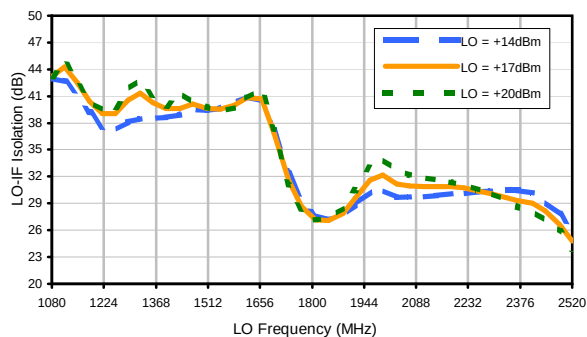


Typical Performance Curves

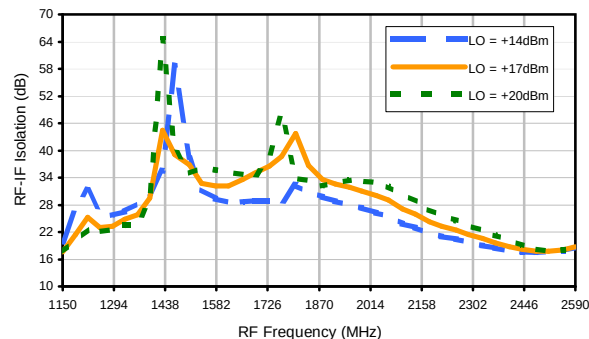
LO-RF Isolation



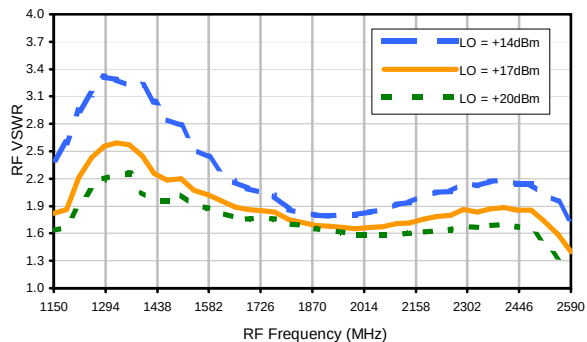
LO-IF Isolation



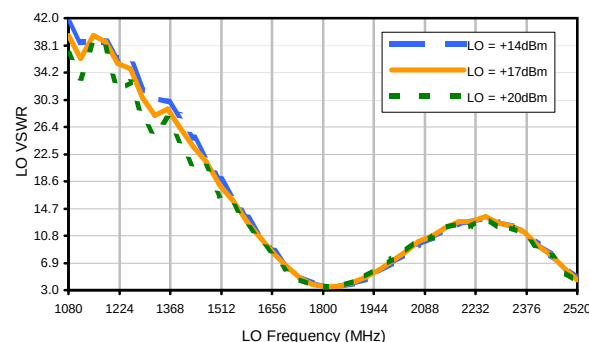
RF-IF Isolation



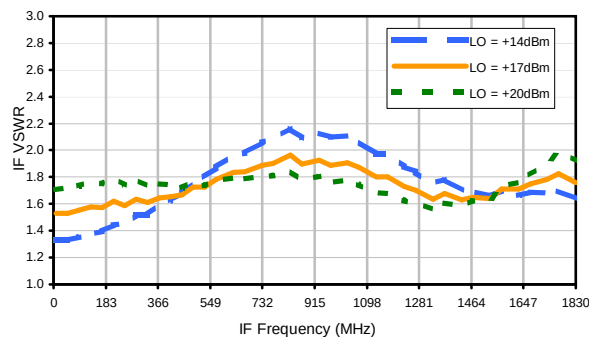
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER		(-dBm)	(-dBc)										
	0	-	-	5	11	31	20	27	24	30	48	60	76
	1	-	28	+0	38	19	52	36	55	48	48	51	62
	2	55	56	47	63	70	65	65	54	65	59	63	74
	3	89	78	76	79	64	72	70	77	78	>85	82	>85
	4	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	5	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	6	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 2.00 dBm.

LO IN: 1810 MHz; +17.00 dBm

IF OUT: 70 MHz; -5.42 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	15	21	42	33	38	33	41	57	62	78
	1	-	28	+0	36	19	49	38	57	48	48	55	60
	2	35	45	37	49	67	56	57	45	57	50	58	70
	3	60	61	50	56	42	62	48	69	57	76	72	70
	4	81	73	80	78	66	66	69	73	72	66	74	66
	5	>90	90	84	78	81	70	67	68	72	75	76	>95
	6	>90	93	90	93	88	85	80	78	79	86	86	90
	7	>90	87	>95	>95	>95	86	83	81	77	81	87	90
	8	>90	>95	>95	>95	>95	>95	>95	>95	94	>95	>95	>95
	9	>90	>95	>95	>95	>95	>95	>95	>95	>95	92	87	>95
	10	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 12.00 dBm.

LO IN: 1810 MHz; +17.00 dBm

IF OUT: 70 MHz; 4.57 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.