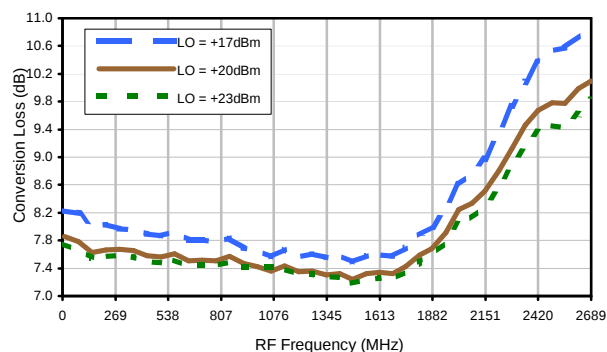
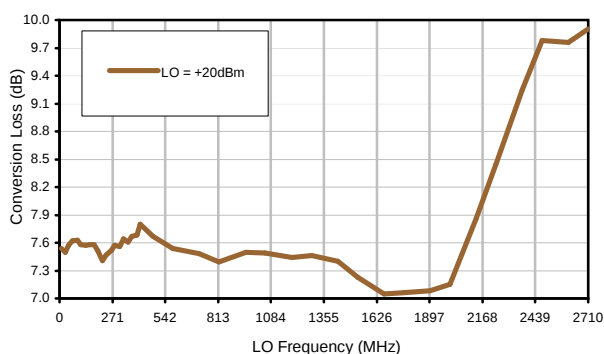


Typical Performance Curves

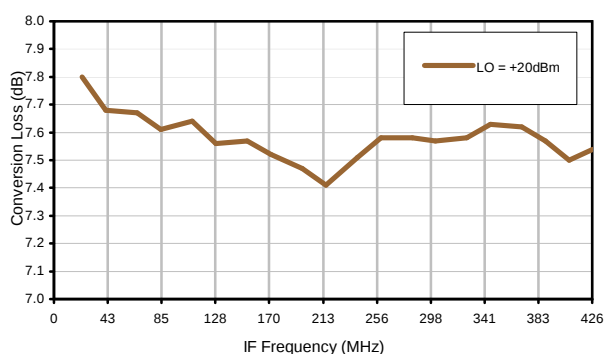
Conversion Loss @ IF=109.65MHz



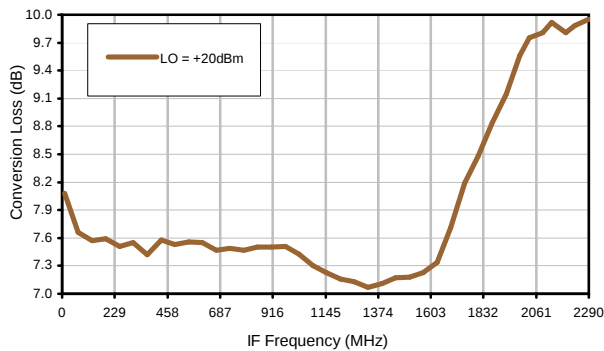
Conversion Loss vs. LO @ RF=436.5MHz



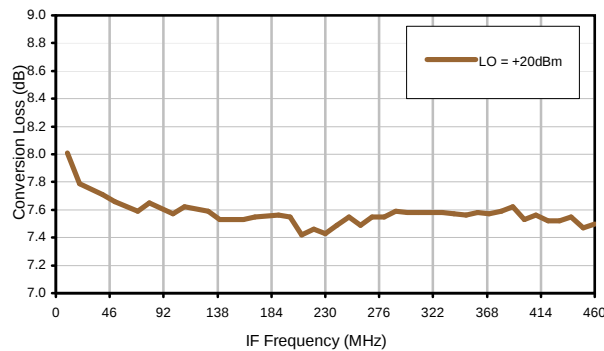
Conversion Loss vs. IF @ RF=436.5MHz



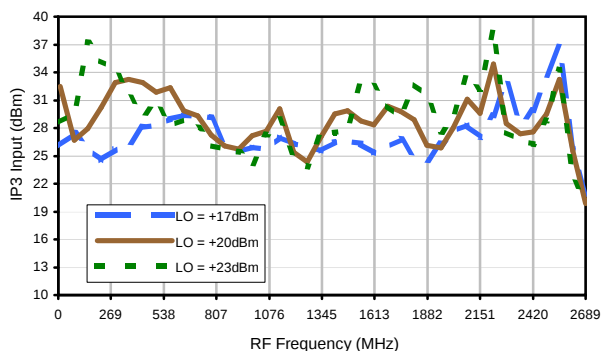
Conversion Loss vs. IF @ RF=403.1MHz



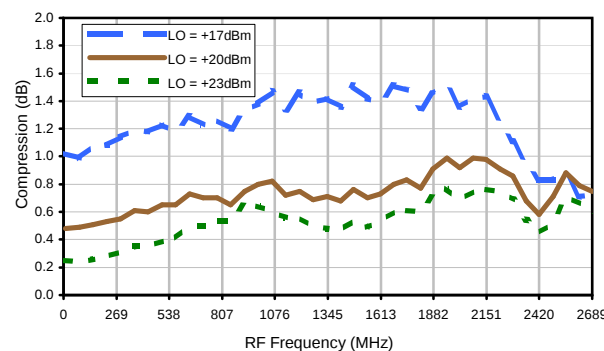
Conversion Loss vs. IF @ RF=470.1MHz



IP3 Input

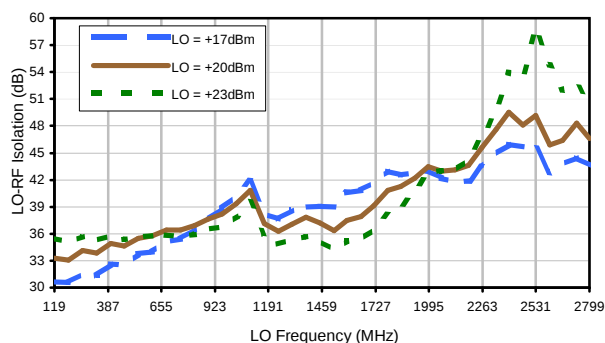


Compression @ RF IN=+17dBm

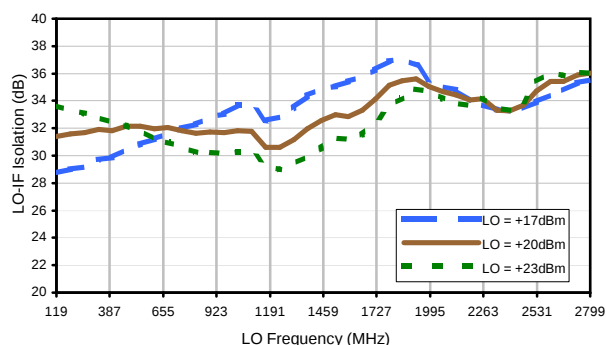


Typical Performance Curves

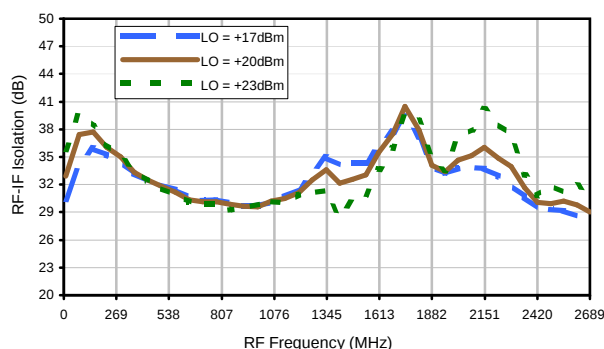
LO-RF Isolation



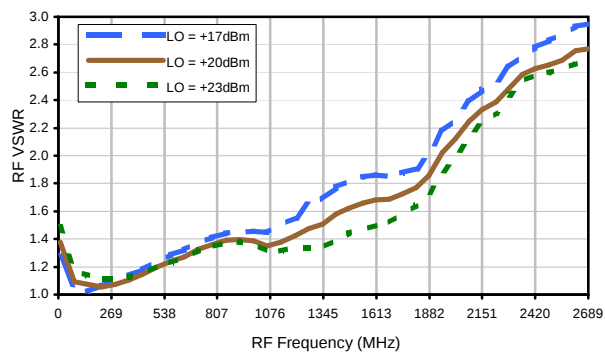
LO-IF Isolation



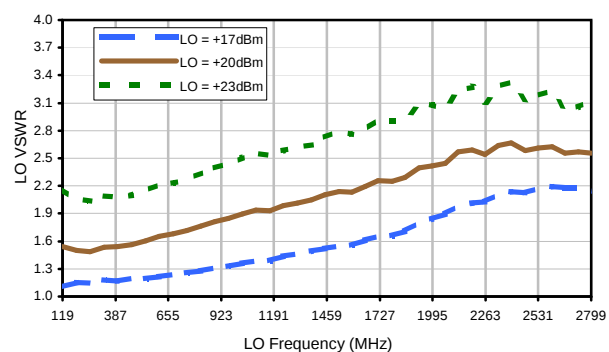
RF-IF Isolation



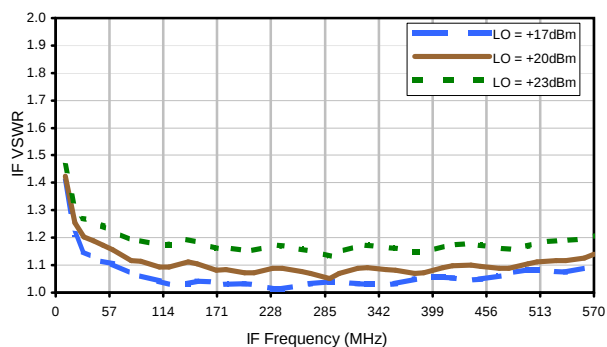
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	11	18	23	26	31	30	33	33	41
1	-	24	+0	39	11	37	21	45	40	47	31	42
2	60	55	54	54	49	58	52	59	55	74	52	64
3	>90	81	81	>84	65	79	65	75	73	81	62	80
4	>90	80	70	81	70	>84	71	>84	74	>84	83	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 435 MHz; 2.00 dBm.
LO IN: 544.65 MHz; +20.00 dBm
IF OUT: 109.65 MHz; -5.64 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	22	28	35	37	44	46	51	53	60
1	-	24	+0	41	12	40	23	48	42	53	38	53
2	40	43	41	44	40	50	45	51	54	60	47	58
3	62	60	45	72	40	59	39	54	43	59	48	61
4	86	65	64	64	65	64	70	65	69	69	65	77
5	>90	70	63	76	59	82	70	74	68	70	63	72
6	>90	70	67	70	66	71	67	73	67	77	67	83
7	>90	79	72	77	75	78	71	77	69	79	68	77
8	>90	79	74	78	74	79	73	80	73	86	75	81
9	>90	86	86	87	84	85	87	84	82	85	79	86
10	>90	>94	89	94	86	90	89	91	93	91	93	90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 435 MHz; 12.00 dBm.
LO IN: 544.65 MHz; +20.00 dBm
IF OUT: 109.65 MHz; 4.18 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.