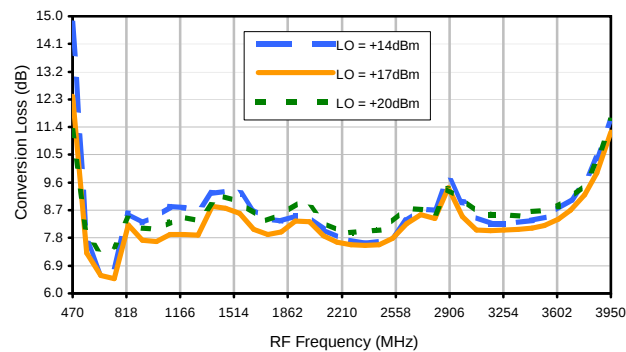
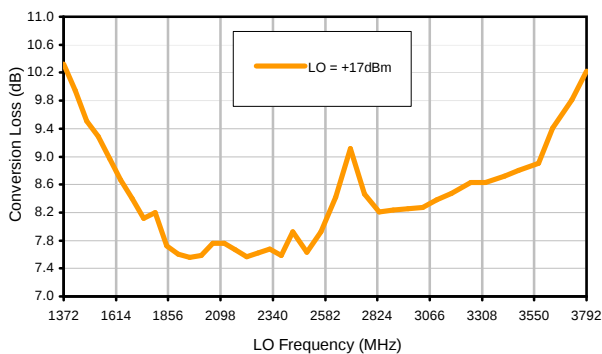


Typical Performance Curves

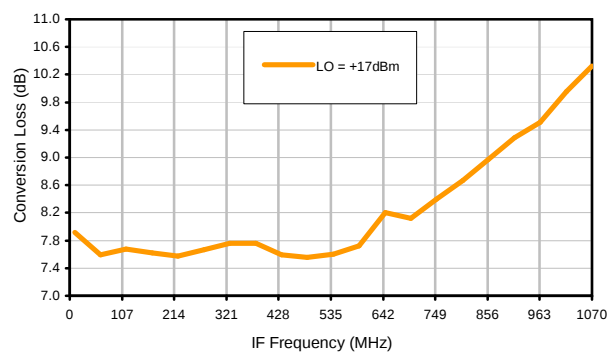
Conversion Loss @ IF=183.6MHz



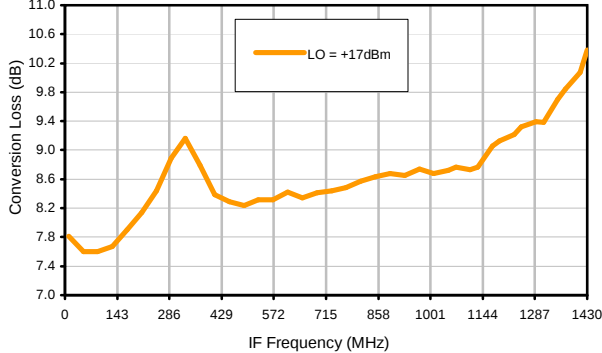
Conversion Loss vs. LO @ RF=2442MHz



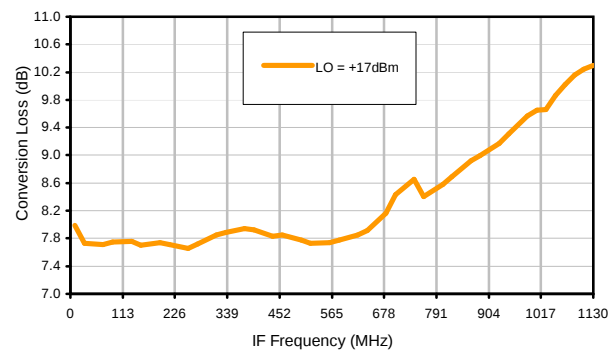
Conversion Loss vs. IF @ RF=2442MHz



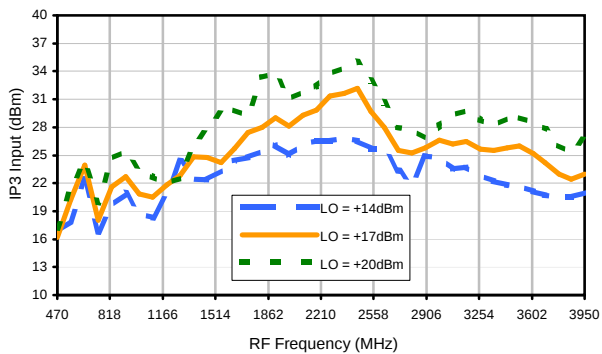
Conversion Loss vs. IF @ RF=2373.89MHz



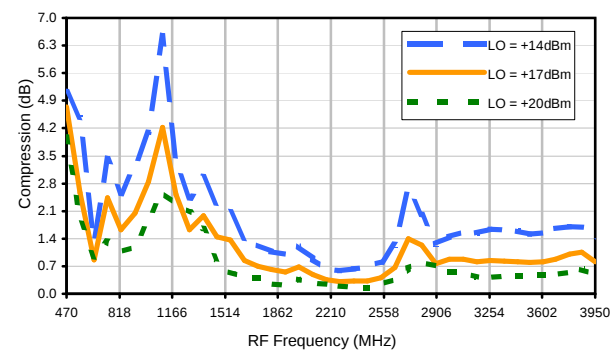
Conversion Loss vs. IF @ RF=2510.1MHz



IP3 Input

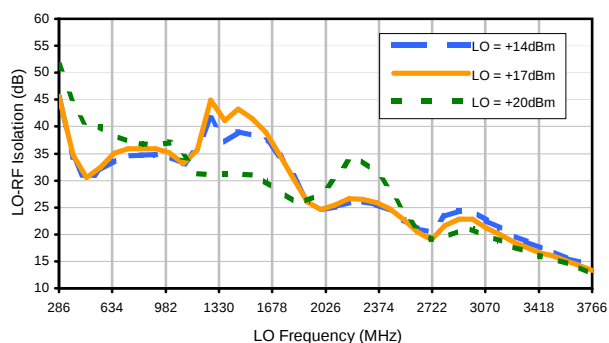


Compression @ RF IN=+17dBm

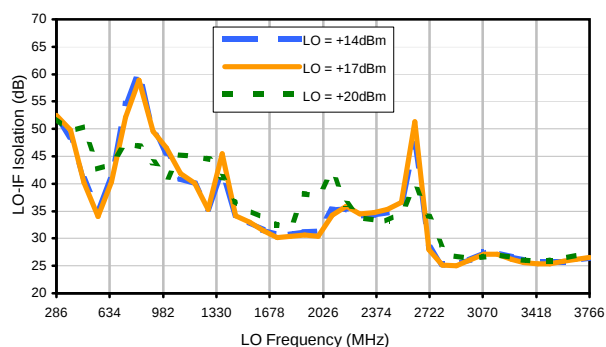


Typical Performance Curves

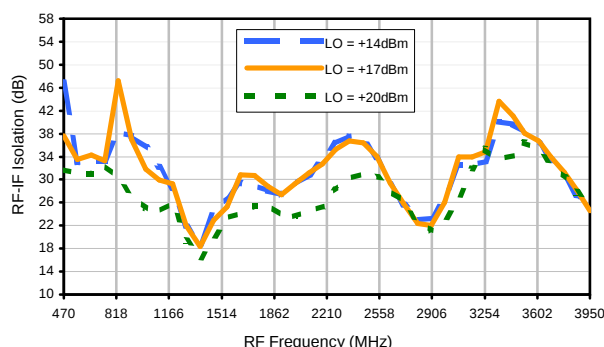
LO-RF Isolation



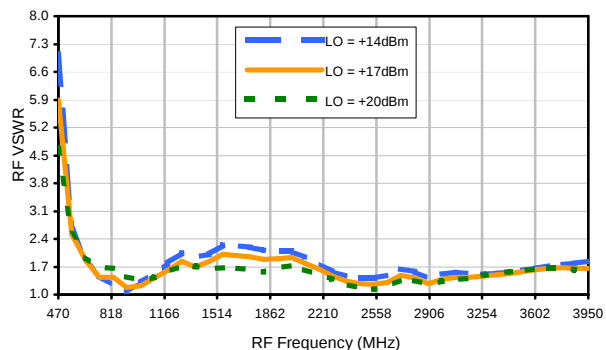
LO-IF Isolation



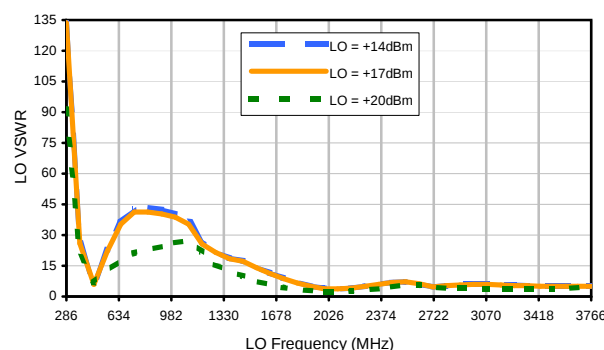
RF-IF Isolation



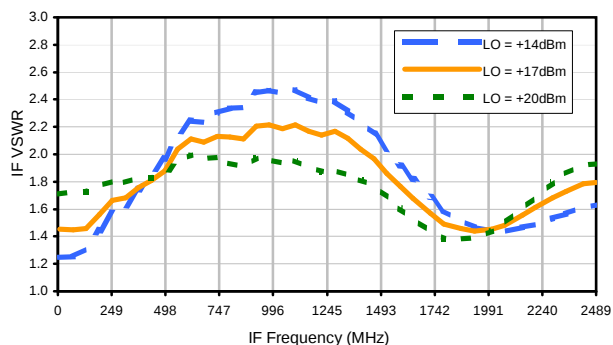
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	13	24	18	29	32	47	79	65	69
1	-	22	+0	29	19	31	45	46	45	53	63	70
2	57	62	45	46	47	51	61	60	53	53	66	67
3	90	81	62	72	55	64	60	67	72	73	81	78
4	>90	>84	>84	82	82	78	79	79	>84	>84	81	82
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	---	---	>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: 2442 MHz; 2.00 dBm.
LO IN: 2258.4 MHz; +17.00 dBm
IF OUT: 183.6 MHz; -6.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	22	30	28	39	49	47	70	73	70
1	-	21	+0	29	20	33	50	44	53	48	65	65
2	37	46	36	38	37	44	52	52	50	51	65	67
3	60	59	40	72	36	49	44	52	57	63	62	72
4	82	73	76	61	65	55	70	55	74	65	65	64
5	>90	72	70	77	64	68	55	60	61	64	77	67
6	>90	84	93	88	83	73	74	68	72	69	77	75
7	>90	>94	90	84	79	>94	78	80	71	67	75	69
8	>90	>94	>94	>94	87	91	90	92	85	86	81	86
9	>90	>94	>94	>94	>94	92	92	>94	88	88	77	75
10	---	---	>94	>94	>94	>94	91	>94	>94	90	93	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2442 MHz; 12.00 dBm.
LO IN: 2258.4 MHz; +17.00 dBm
IF OUT: 183.6 MHz; 3.55 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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