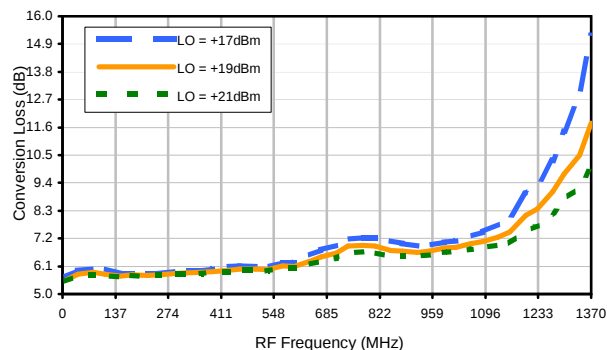
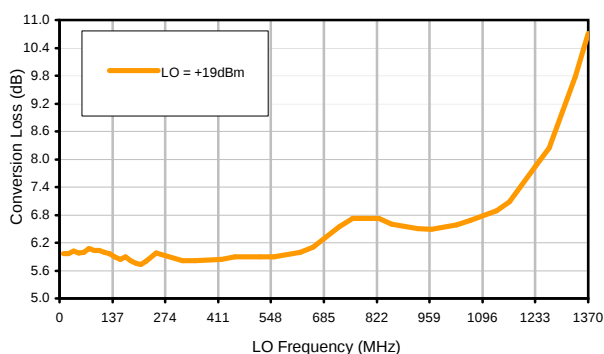


Typical Performance Curves

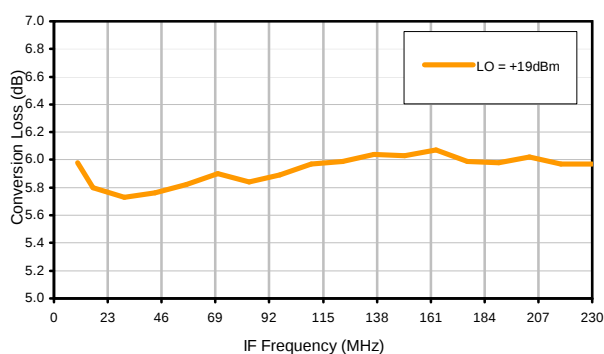
Conversion Loss @ IF=15.36MHz



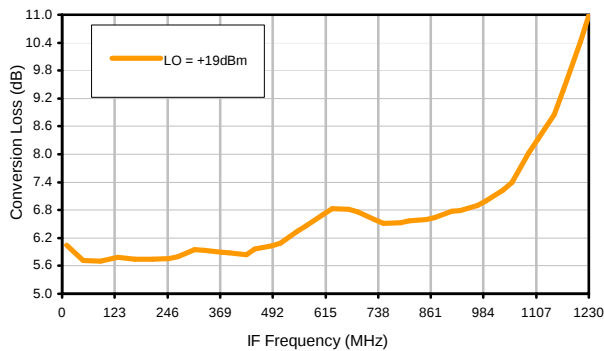
Conversion Loss vs. LO @ RF=240.1MHz



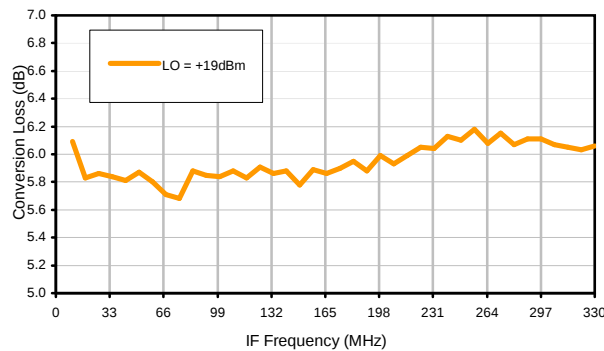
Conversion Loss vs. IF @ RF=240.1MHz



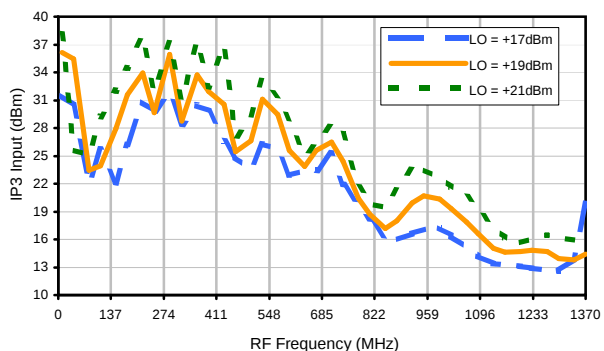
Conversion Loss vs. IF @ RF=140.1MHz



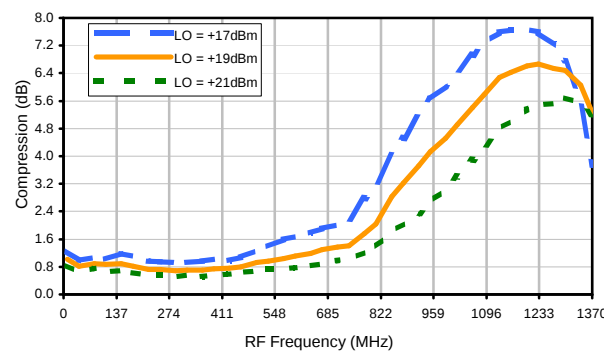
Conversion Loss vs. IF @ RF=340.1MHz



IP3 Input

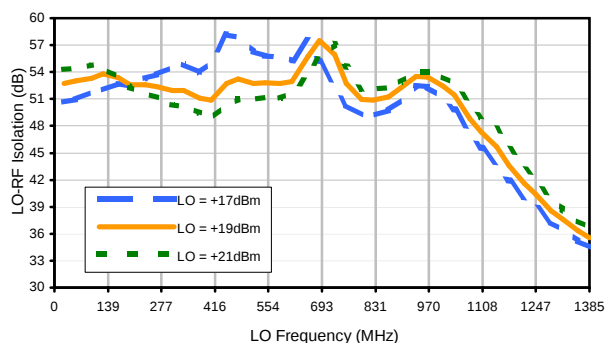


Compression @ RF IN=+15dBm

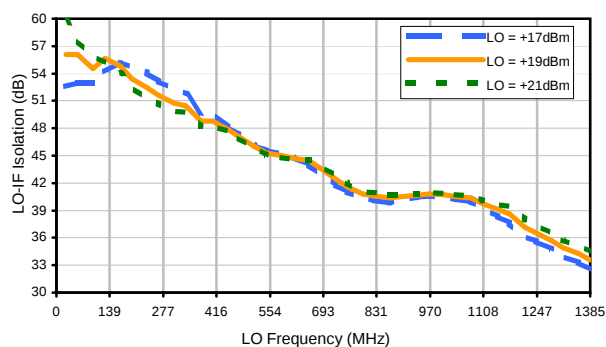


Typical Performance Curves

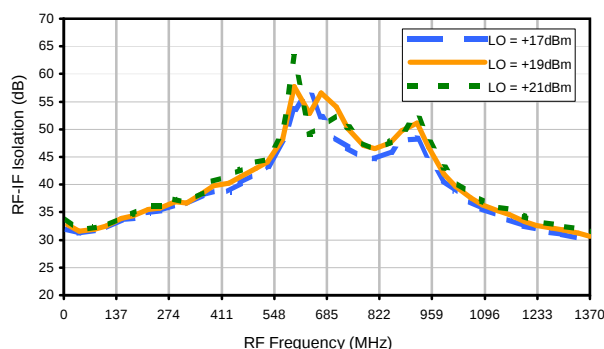
LO-RF Isolation



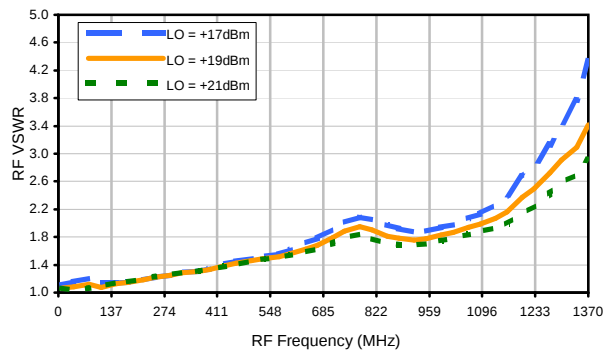
LO-IF Isolation



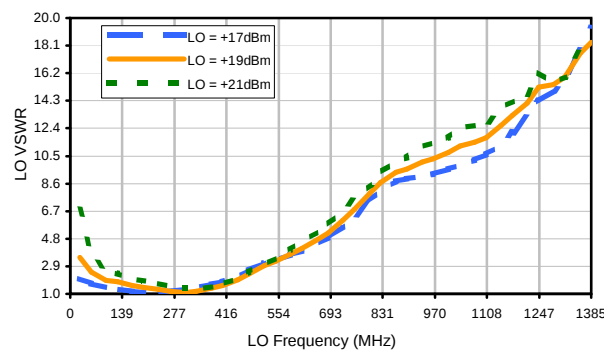
RF-IF Isolation



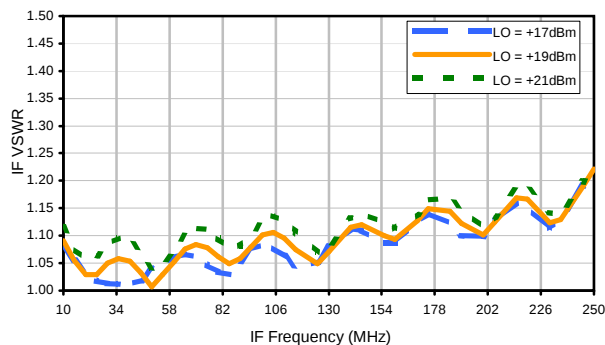
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	28	27	40	37	44	43	38	42	34	44
1	-	29	+0	44	10	51	16	59	23	53	30	50
2	70	61	68	67	69	65	67	68	70	69	69	68
3	>90	>84	70	>84	67	>84	66	>84	66	>84	68	82
4	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	83	>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: 240 MHz; 0.00 dBm.
LO IN: 255.46 MHz; +19.00 dBm
IF OUT: 15.46 MHz; -5.86 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	39	38	55	49	57	56	51	58	52	63
1	-	29	+0	43	11	51	17	58	24	56	33	55
2	50	55	57	65	58	63	57	66	60	69	59	63
3	76	71	53	71	48	78	43	72	45	73	44	70
4	>90	84	>94	86	82	82	86	81	85	79	81	78
5	>90	81	68	83	67	84	65	>94	63	86	60	82
6	>90	91	93	89	>94	88	93	87	>94	88	87	91
7	>90	91	74	91	72	>94	69	94	67	87	67	87
8	>90	>94	>94	>94	>94	>94	>94	93	>94	92	>94	94
9	>90	>94	>94	>94	93	>94	85	>94	85	>94	82	91
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 240 MHz; 10.00 dBm.
LO IN: 255.46 MHz; +19.00 dBm
IF OUT: 15.46 MHz; 4.1 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.