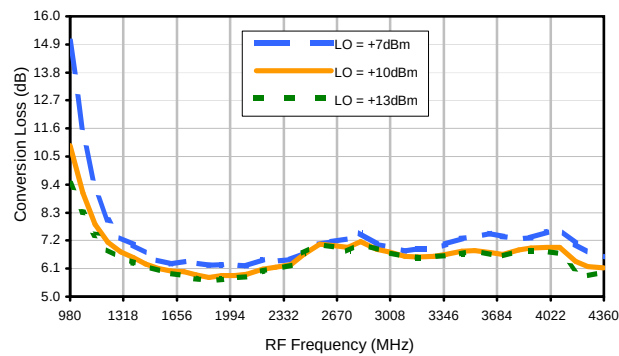
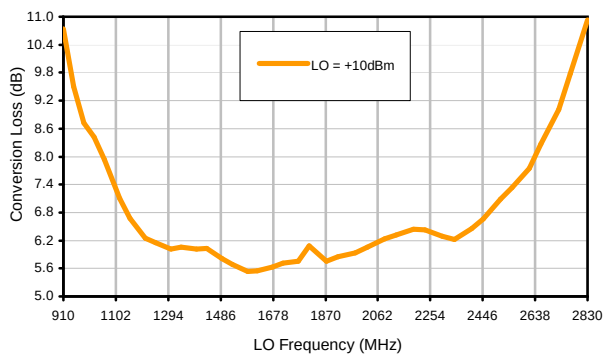


Typical Performance Curves

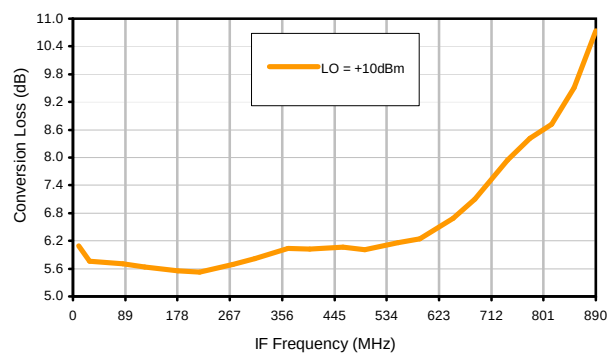
Conversion Loss @ IF=30MHz



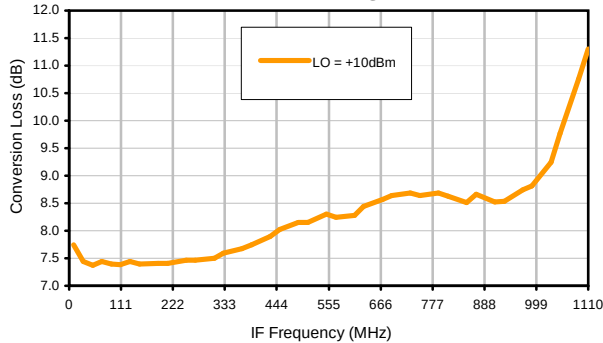
Conversion Loss vs. LO @ RF=1800MHz



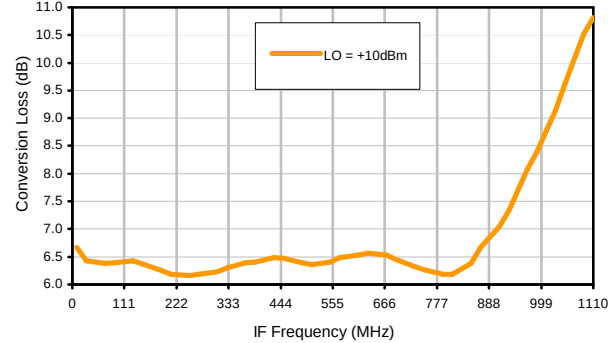
Conversion Loss vs. IF @ RF=1800MHz



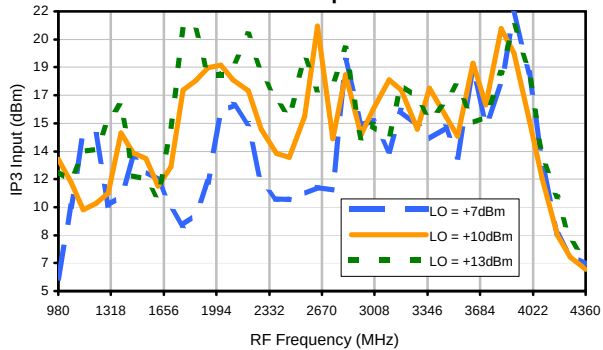
Conversion Loss vs. IF @ RF=1189.9MHz



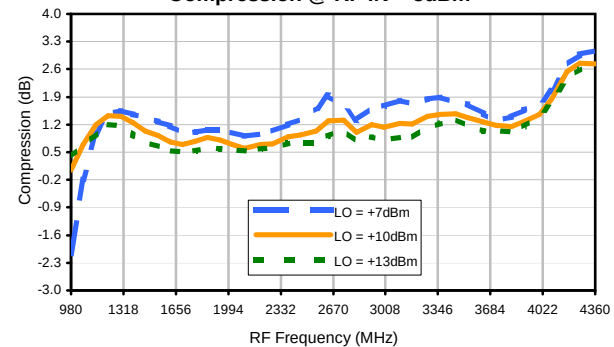
Conversion Loss vs. IF @ RF=2410.1MHz



IP3 Input

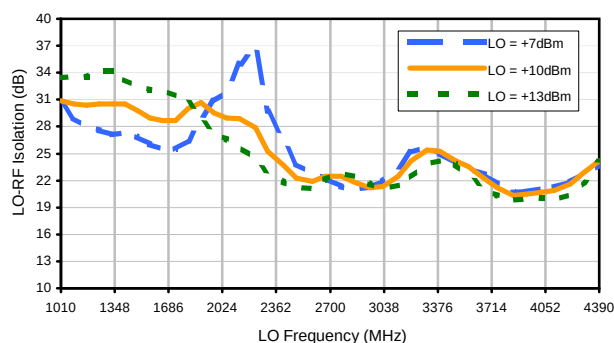


Compression @ RF IN=+5dBm

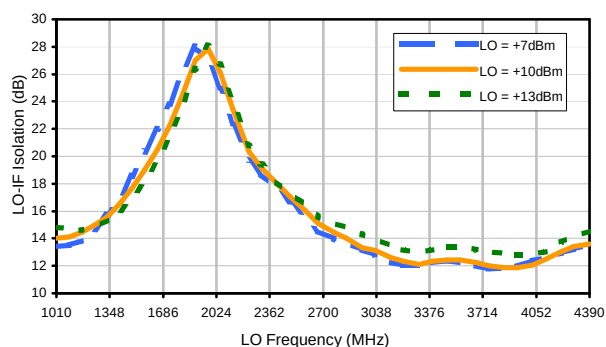


Typical Performance Curves

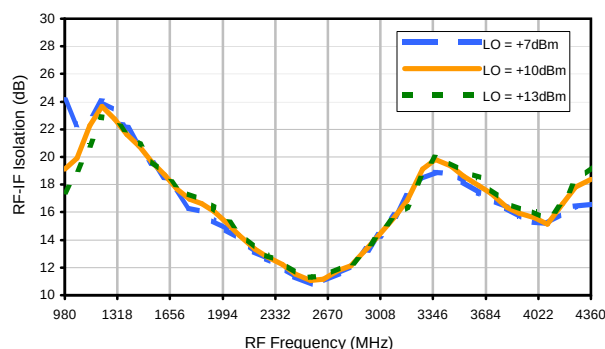
LO-RF Isolation



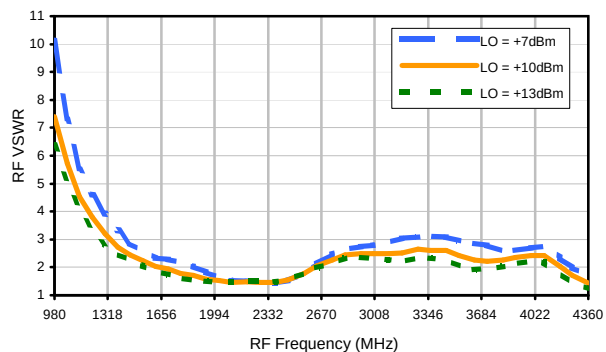
LO-IF Isolation



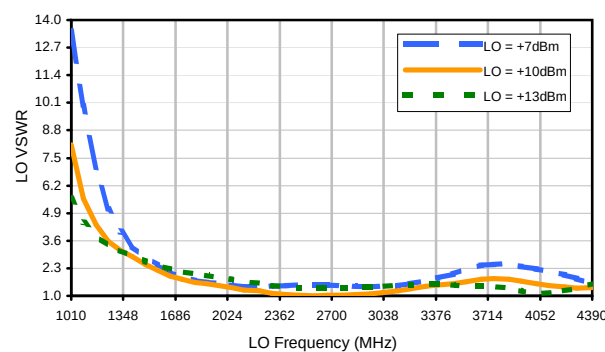
RF-IF Isolation



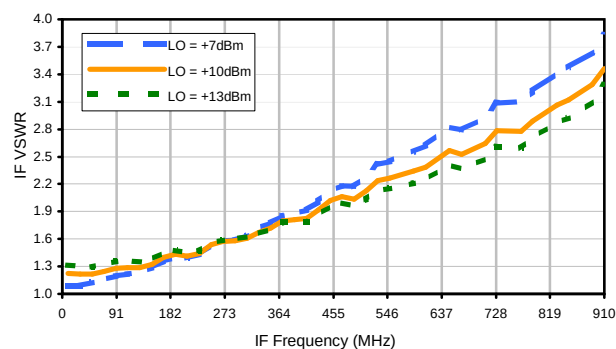
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	14	+1	12	14	30	38	28	40	51
1	-	11	+0	23	18	20	23	50	40	46	46	46
2	79	46	43	36	39	50	35	41	43	54	52	56
3	>90	56	56	61	53	56	54	49	58	62	65	73
4	>90	67	73	65	70	56	64	64	58	64	65	69
5	>90	>74	>74	>74	>74	>74	69	>74	>74	>74	73	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1800 MHz; -10.00 dBm.

LO IN: 1830 MHz; +10.00 dBm

IF OUT: 30 MHz; -15.92 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	25	11	28	28	39	46	53	53	57
1	-	11	+0	27	18	27	26	43	48	67	65	62
2	59	47	44	44	43	43	32	36	44	61	69	53
3	>90	42	36	43	41	39	39	36	41	50	55	58
4	>90	56	51	48	53	41	49	52	46	50	54	64
5	>90	64	58	64	65	60	49	52	50	45	52	58
6	>90	72	65	66	59	55	63	48	58	55	56	65
7	>90	73	80	71	65	69	66	80	57	67	60	56
8	>90	71	79	>84	75	75	66	66	76	57	68	64
9	>90	>84	75	>84	80	78	78	72	>84	84	77	71
10	>90	>84	>84	80	>84	>84	79	82	78	78	>84	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1800 MHz; 0.00 dBm.

LO IN: 1830 MHz; +10.00 dBm

IF OUT: 30 MHz; -6.1 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.

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