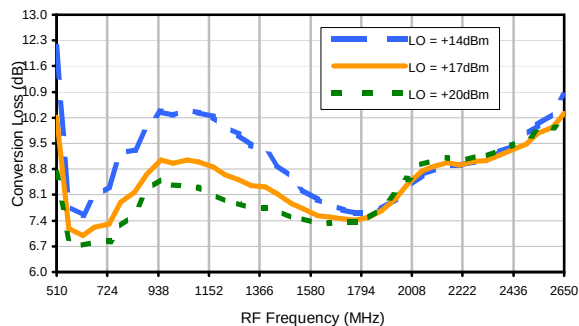
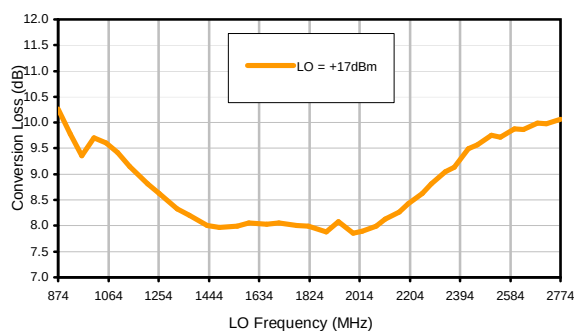


Typical Performance Curves

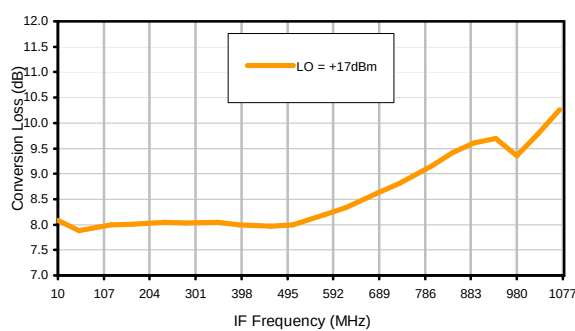
Conversion Loss @ IF=360MHz



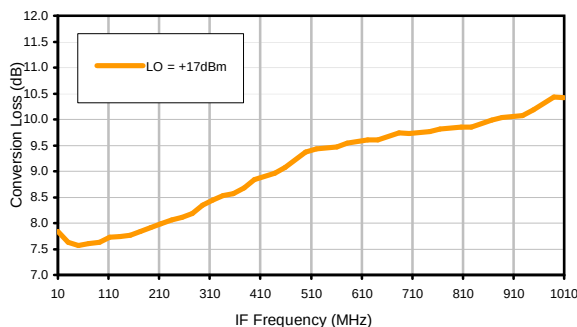
Conversion Loss vs. LO @ RF=1944MHz



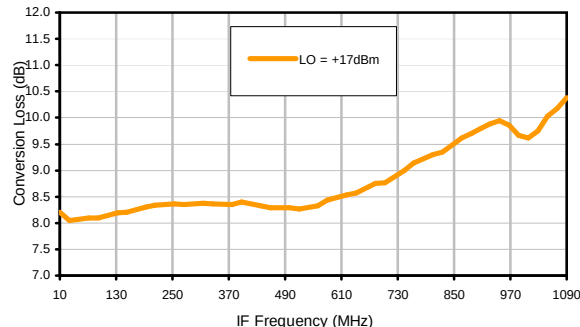
Conversion Loss vs. IF @ RF=1944MHz



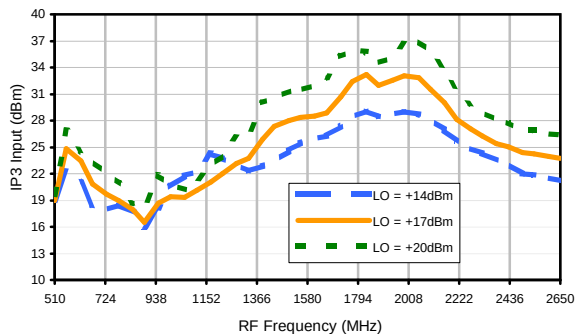
Conversion Loss @ vs. IF RF=1898MHz



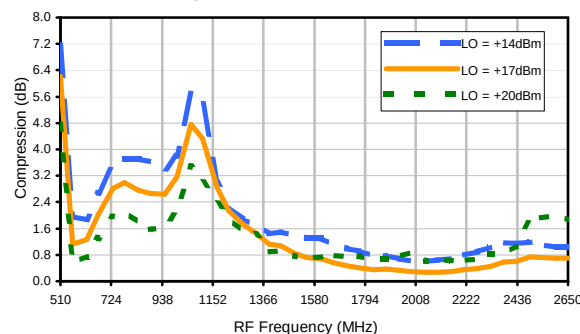
Conversion Loss vs. IF @ RF=1990.1MHz



IP3 Input

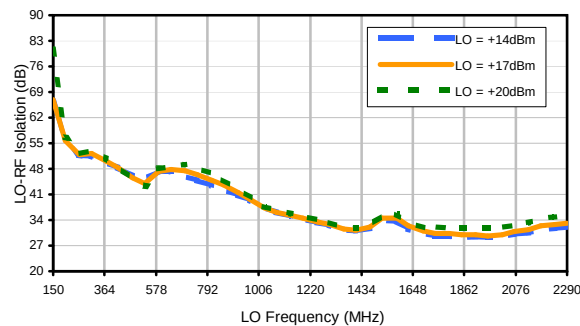


Compression @ RF IN=+17dBm

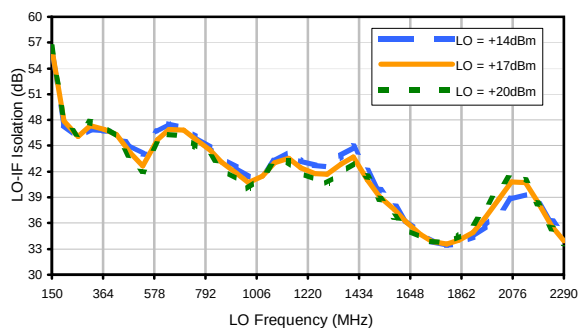


Typical Performance Curves

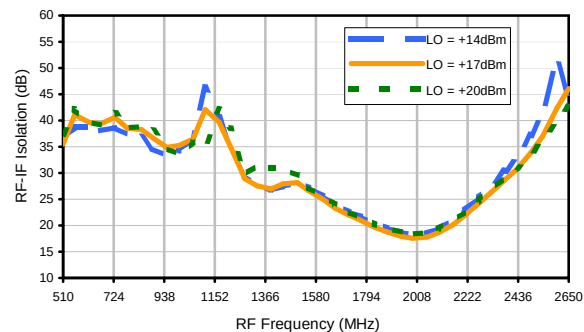
LO-RF Isolation



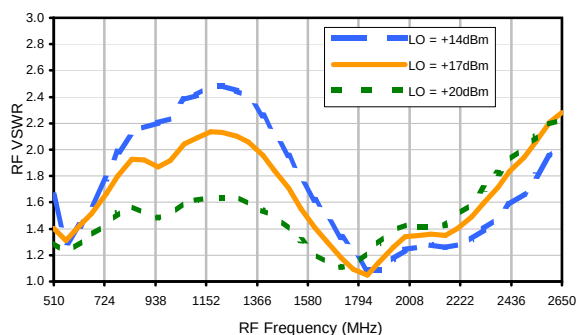
LO-IF Isolation



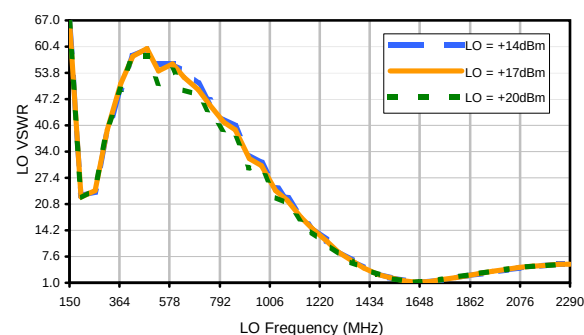
RF-IF Isolation



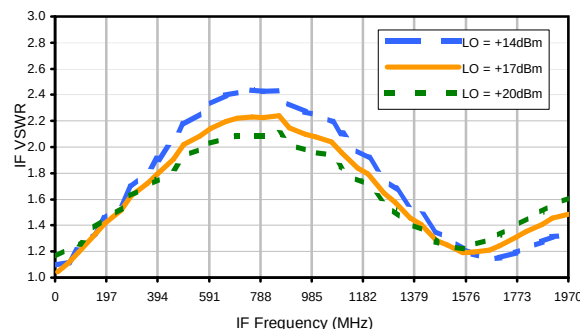
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	14	10	21	33	38	29	31	52	44	65
1	-	10	+0	40	19	42	25	43	35	51	41	63
2	55	48	52	52	47	63	56	51	54	63	54	55
3	88	66	65	69	56	61	60	71	61	68	67	75
4	>90	>84	>84	>84	82	79	79	75	>84	>84	>84	>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: 1944 MHz; 2.00 dBm.
LO IN: 1584 MHz; +17.00 dBm
IF OUT: 360 MHz; -6.22 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	24	19	32	43	44	39	39	50	56	66
1	-	10	+0	49	20	41	27	43	39	50	49	63
2	35	38	43	45	37	56	46	46	45	54	49	54
3	59	48	45	54	37	51	40	63	44	58	52	60
4	81	67	60	67	59	58	60	51	76	58	62	71
5	>90	76	75	68	67	74	57	59	57	67	66	66
6	>90	89	82	88	75	79	77	71	66	65	72	72
7	>90	>94	87	82	>94	81	86	>94	79	73	73	78
8	>90	>94	>94	>94	84	89	85	85	86	87	77	86
9	>90	>94	>94	>94	91	92	93	91	>94	>94	90	78
10	>90	>94	>94	>94	>94	>94	89	89	89	87	87	90
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 1944 MHz; 12.00 dBm.
LO IN: 1584 MHz; +17.00 dBm
IF OUT: 360 MHz; 3.75 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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