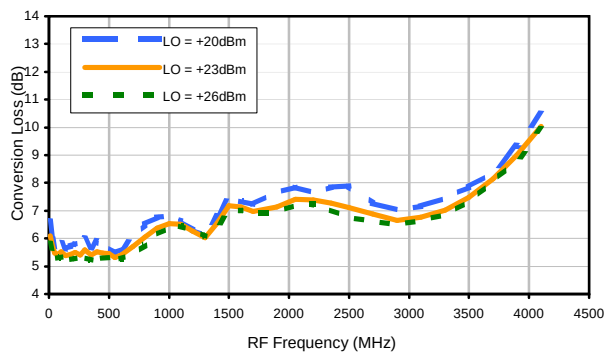
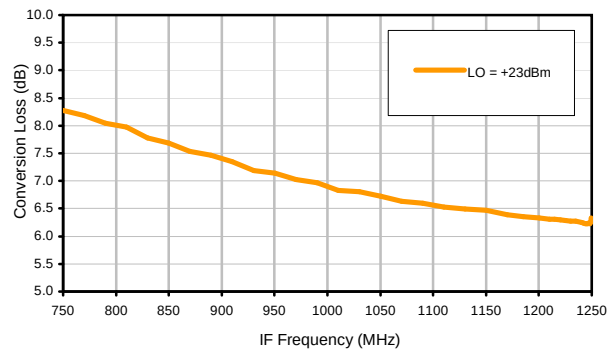


Typical Performance Curves

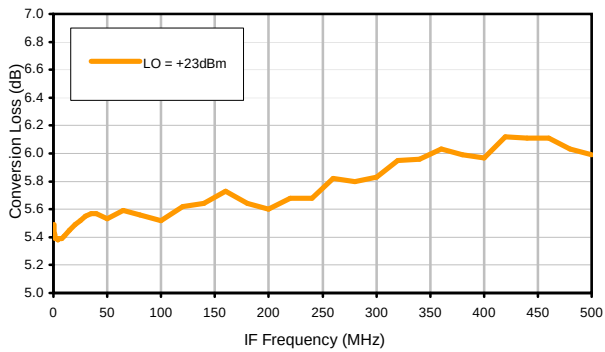
Conversion Loss @ IF=30MHz



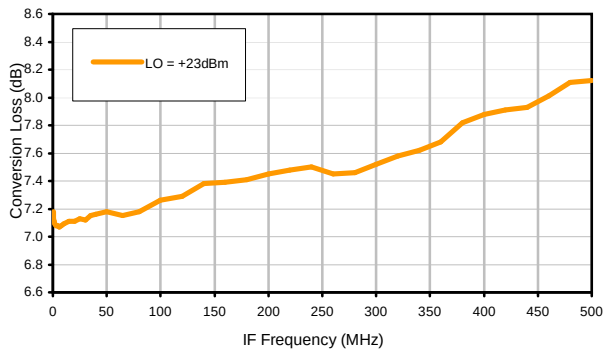
Conversion Loss vs. IF @ RF=1250.1MHz



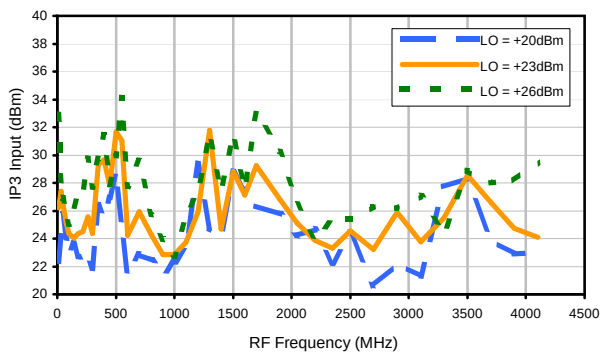
Conversion Loss vs. IF @ RF=100.1MHz



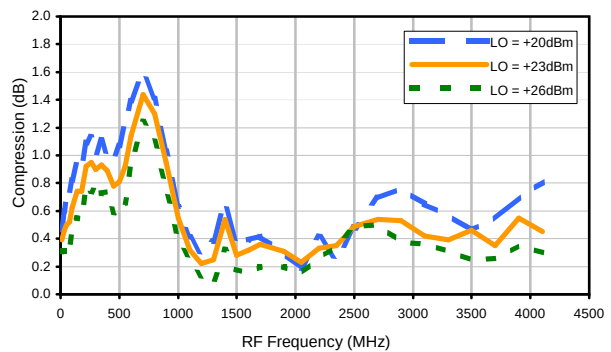
Conversion Loss vs. IF @ RF=2500.1MHz



IP3 Input

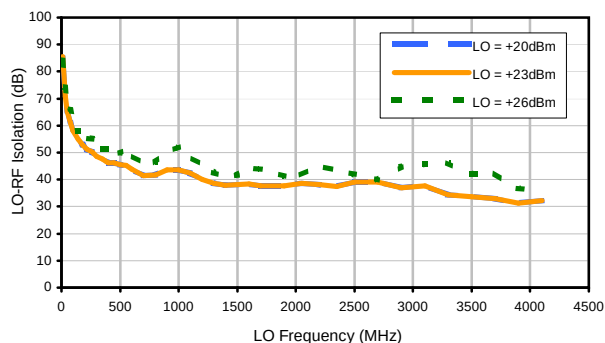


Compression @ RF IN=+15dBm

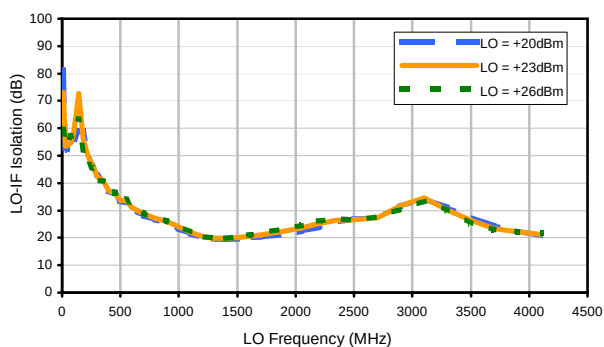


Typical Performance Curves

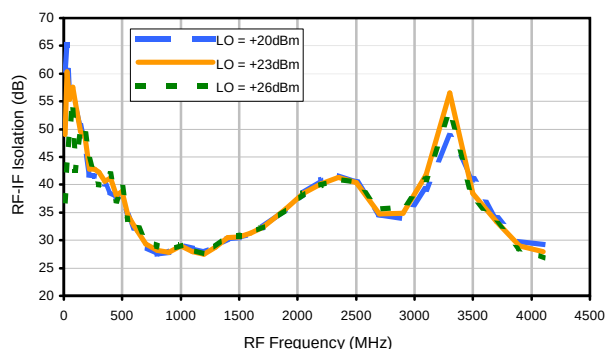
LO-RF Isolation



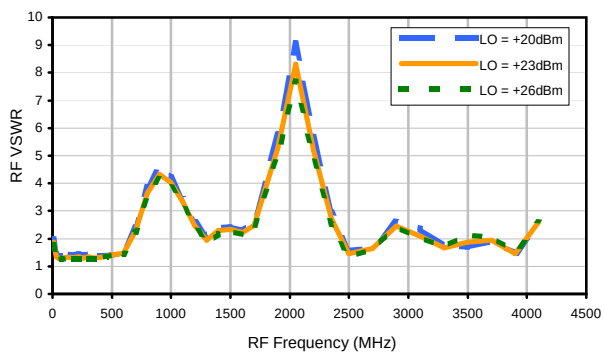
LO-IF Isolation



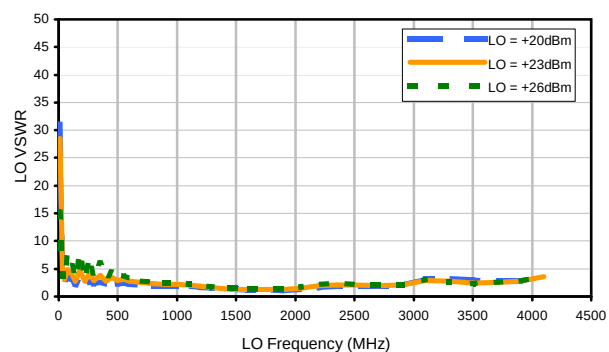
RF-IF Isolation



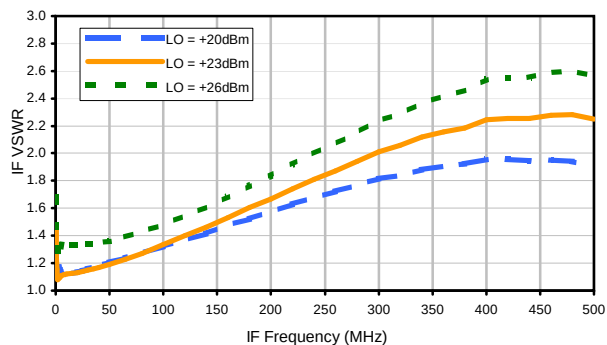
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	33	18	47	28	36	18	33	25	33
1	-	24	+0	45	22	42	42	53	39	47	54	52
2	96	71	59	74	62	74	69	75	72	79	54	85
3	>122	91	75	87	67	104	79	91	88	93	88	84
4	>122	108	102	100	101	91	103	105	105	107	>119	104
5	>121	119	>120	120	113	115	96	>123	104	118	118	>120
6	>119	>123	>125	>125	>123	124	117	>118	>122	>124	>121	>121
7	>122	>121	>122	>123	>123	>121	>123	121	>122	>124	>123	>123
8	>121	>122	>123	>122	>122	>123	123	>124	>119	>122	>123	>123
9	>120	>122	>122	>122	>121	>124	>122	>122	124	>120	>122	>123
10	>119	>120	>124	>122	>122	>121	>122	>123	>123	>125	>120	>122
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1300.1 MHz; -.04.00 dBm.
LO IN: 1330.01 MHz; +23.00 dBm
IF OUT: 29.91 MHz; -6.09 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	43	28	58	37	47	31	44	53	45
1	-	23	+0	46	22	43	42	56	40	53	58	64
2	84	66	49	61	53	67	60	69	65	73	48	66
3	>120	75	57	62	47	68	60	72	69	75	65	66
4	>120	91	85	86	76	69	80	83	79	88	92	88
5	>122	89	101	84	93	76	69	90	77	86	89	91
6	>120	95	101	102	95	94	93	81	97	104	101	107
7	>119	100	98	105	102	104	103	96	80	111	87	102
8	>121	113	103	103	>129	117	98	102	98	87	105	101
9	>120	125	120	107	109	118	113	112	110	103	90	114
10	>120	119	132	129	121	115	128	127	109	115	103	98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1300.1 MHz; 9.99.00 dBm.
LO IN: 1330.01 MHz; +23.00 dBm
IF OUT: 29.91 MHz; 3.92 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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