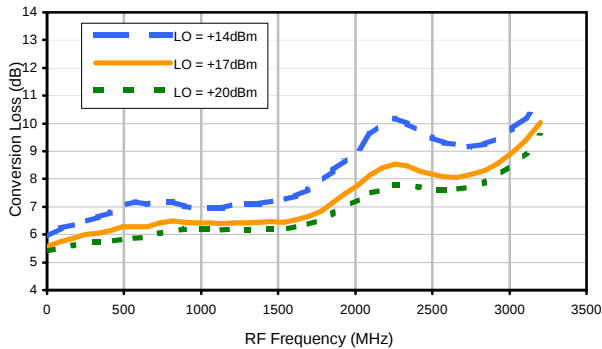
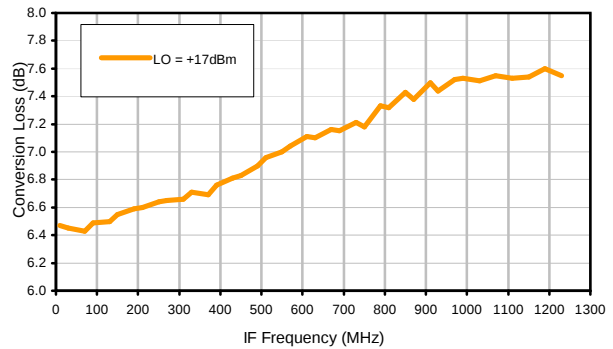


Typical Performance Curves

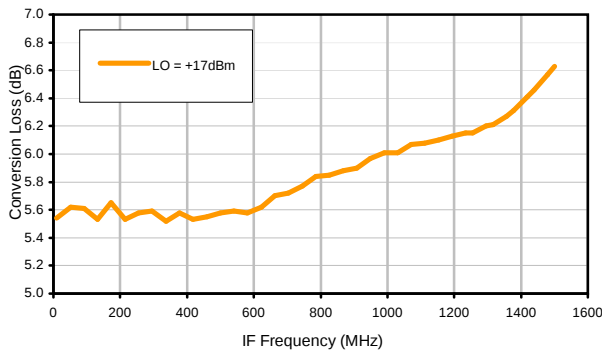
Conversion Loss @ IF=30MHz



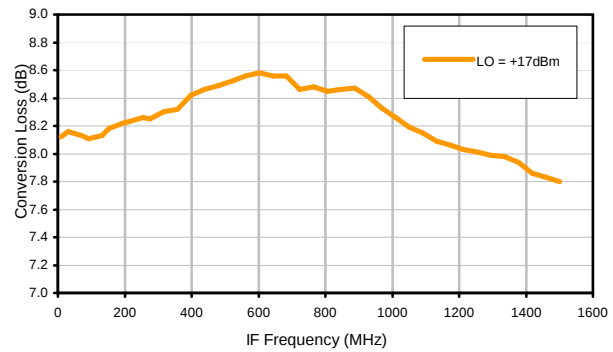
Conversion Loss vs. IF @ RF=1250.1MHz



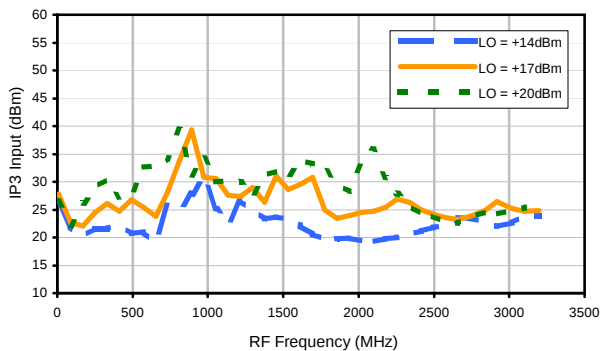
Conversion Loss vs. IF @ RF=10.1MHz



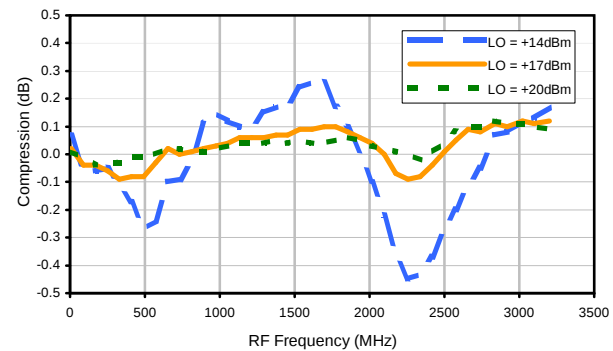
Conversion Loss vs. IF @ RF=2500.1MHz



IP3 Input

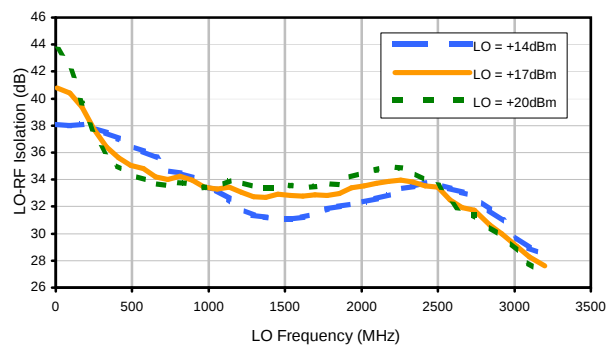


Compression @ RF IN=+10dBm

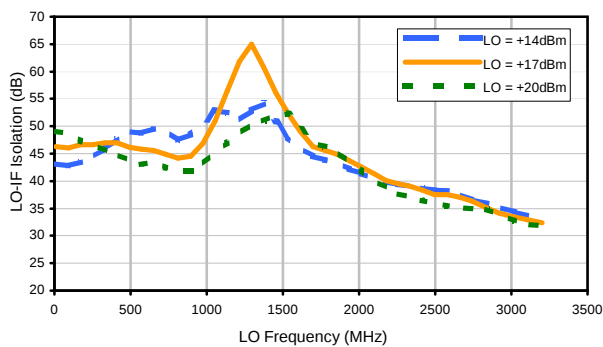


Typical Performance Curves

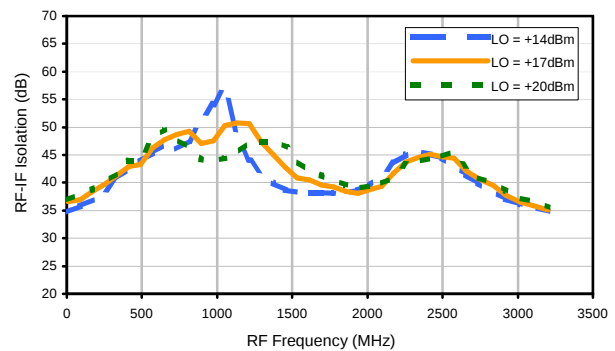
LO-RF Isolation



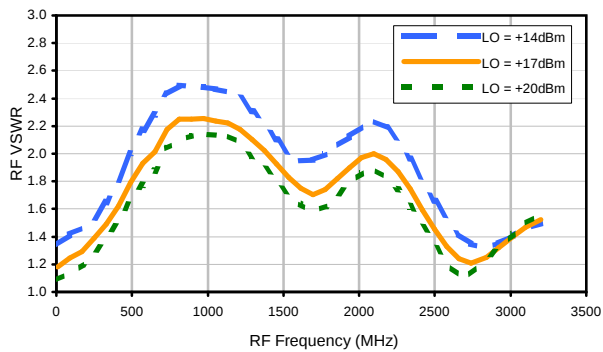
LO-IF Isolation



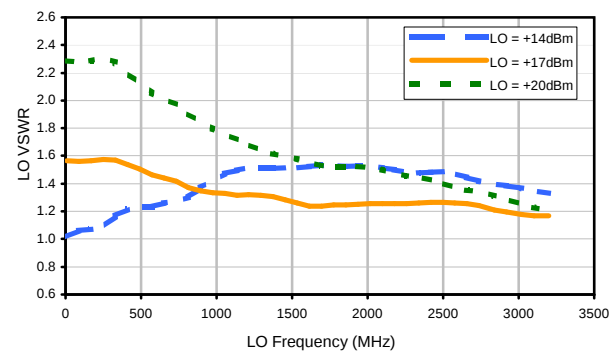
RF-IF Isolation



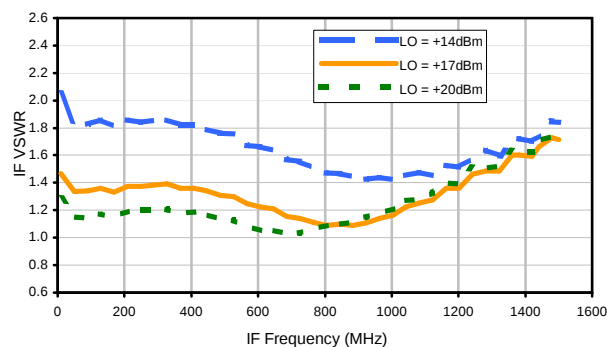
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	33	25	30	38	38	38	30	53	41	39
1	-	45	+0	45	16	43	26	51	40	47	59	41
2	93	59	57	66	57	57	56	65	63	70	60	70
3	>100	82	63	80	66	83	66	77	68	88	68	76
4	>100	>93	89	>93	>93	>93	>93	85	87	>93	91	>93
5	>100	>93	>93	>93	>93	>93	>93	>93	89	>93	91	>93
6	>100	>93	>93	>93	>93	>93	>93	92	>93	>93	>93	>93
7	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.1 MHz; -1.00 dBm.
LO IN: 1280.01 MHz; +17.00 dBm
IF OUT: 29.91 MHz; -7.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	37	34	43	45	54	56	48	78	63	66
1	-	46	+0	44	16	45	28	53	44	54	68	54
2	75	50	47	53	47	53	49	59	58	60	54	68
3	>100	66	41	60	48	60	60	58	56	70	63	60
4	>100	70	68	67	80	70	75	65	62	73	68	88
5	>100	79	77	76	67	91	67	74	65	74	70	80
6	>100	93	96	85	83	80	91	75	81	74	72	84
7	>100	>103	98	101	83	96	75	87	72	81	72	87
8	>100	>103	98	94	>103	91	88	88	87	86	84	83
9	>100	>103	>103	>103	>103	>103	94	99	86	95	84	93
10	>100	>103	>103	>103	>103	>103	>103	>103	101	98	95	97
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.1 MHz; 9.00 dBm.
LO IN: 1280.01 MHz; +17.00 dBm
IF OUT: 29.91 MHz; 2.53 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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