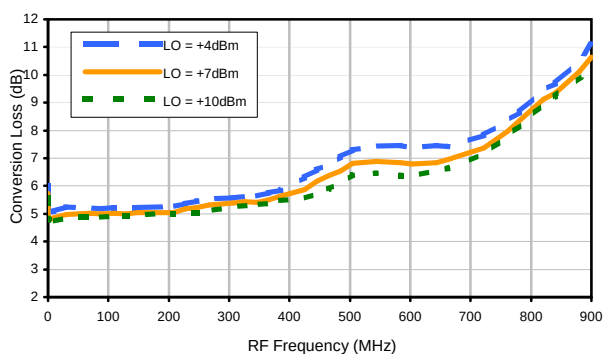
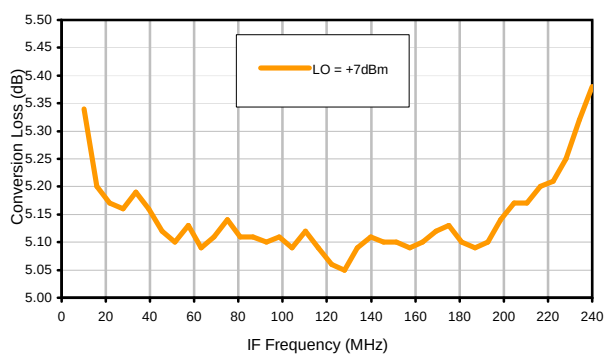


Typical Performance Curves

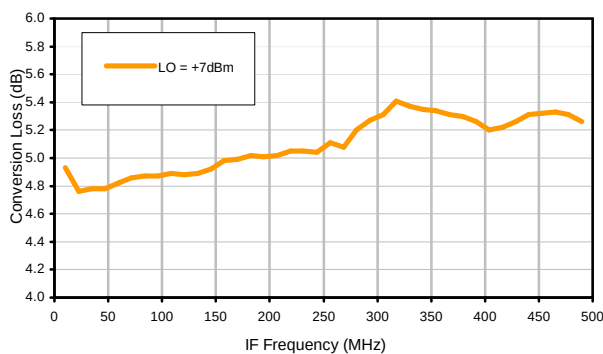
Conversion Loss @ IF=30MHz



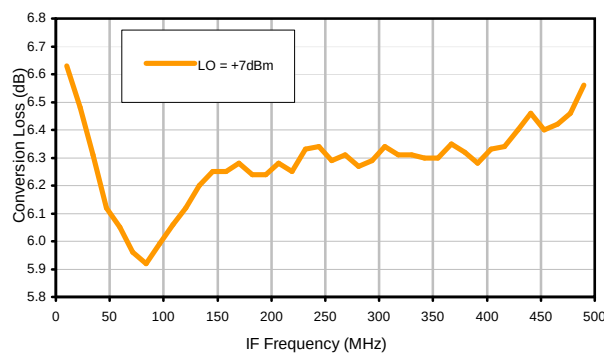
Conversion Loss vs. IF @ RF=250.1MHz



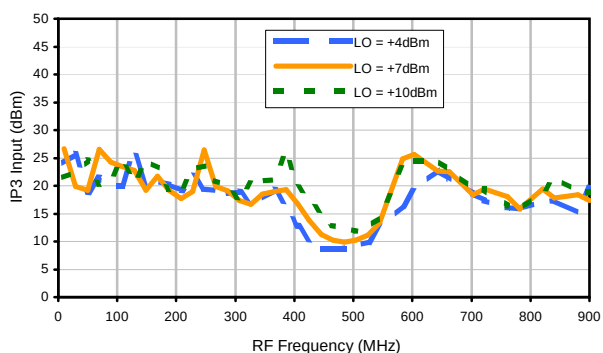
Conversion Loss vs. IF @ RF=10.1MHz



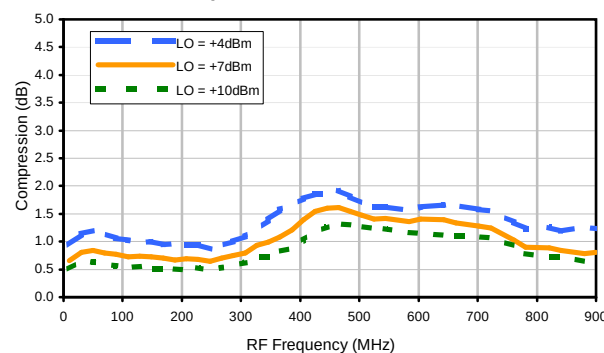
Conversion Loss vs. IF @ RF=500.1MHz



IP3 Input

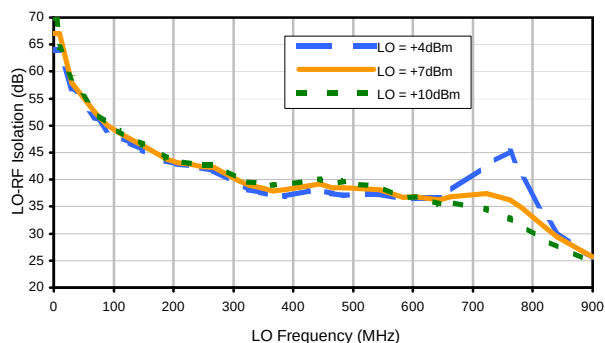


Compression @ RF IN=+1dBm

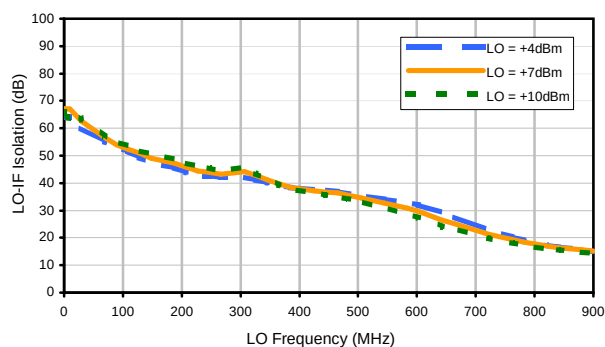


Typical Performance Curves

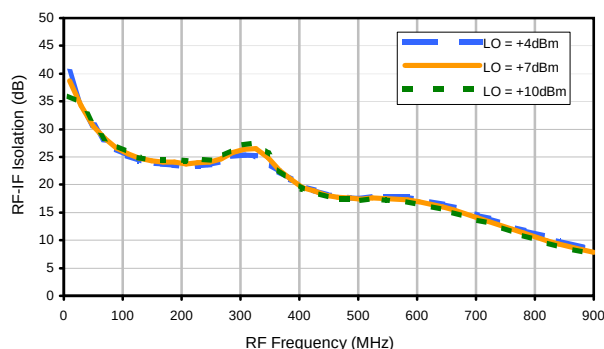
LO-RF Isolation



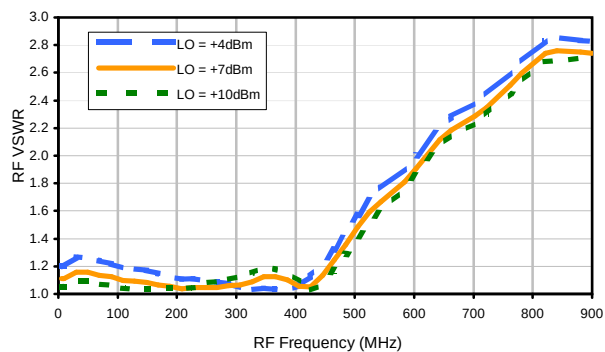
LO-IF Isolation



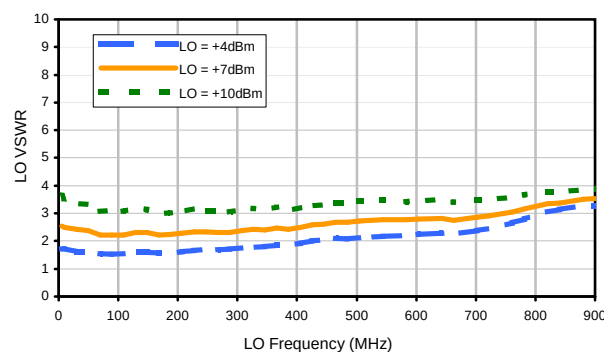
RF-IF Isolation



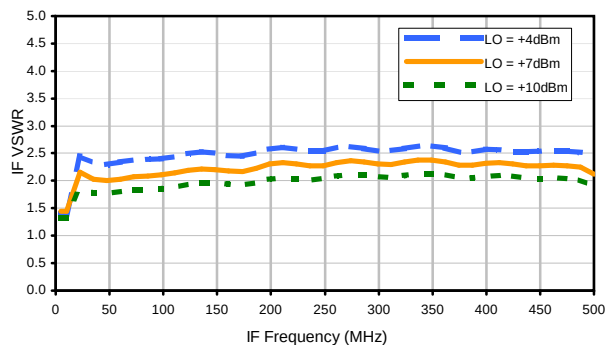
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	23	14	38	26	37	37	48	49	66
1	-	20	+0	27	11	34	24	43	42	54	47	60
2	>100	67	57	68	58	66	68	>81	66	71	75	>81
3	>100	75	65	75	64	73	60	76	>81	>81	78	>81
4	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	77	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	61	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	73	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; -14.00 dBm.
LO IN: 280.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -19.3 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	33	24	47	38	50	50	58	67	81
1	-	21	+0	28	12	34	26	48	43	61	53	64
2	94	54	51	56	51	56	58	66	61	65	67	77
3	>100	54	40	50	43	51	38	56	50	59	60	71
4	>100	73	70	75	64	75	63	77	68	88	76	79
5	>100	75	66	61	52	66	52	64	53	65	69	76
6	>100	>91	>91	87	86	87	79	80	74	81	78	>91
7	>100	>91	87	88	80	73	67	80	66	75	63	76
8	>100	>91	>91	>91	>91	88	>91	>91	>91	89	87	>91
9	>100	>91	>91	>91	>91	>91	82	83	81	72	79	>91
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	78	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; -4.00 dBm.
LO IN: 280.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -9.36 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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