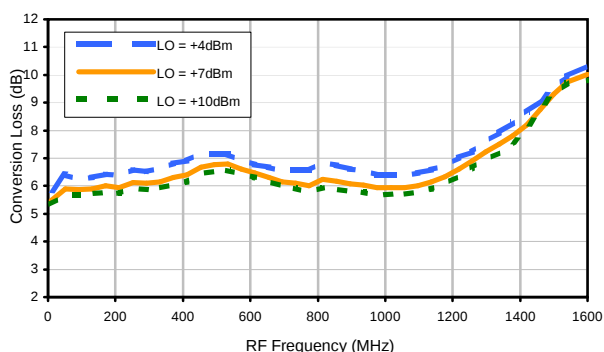
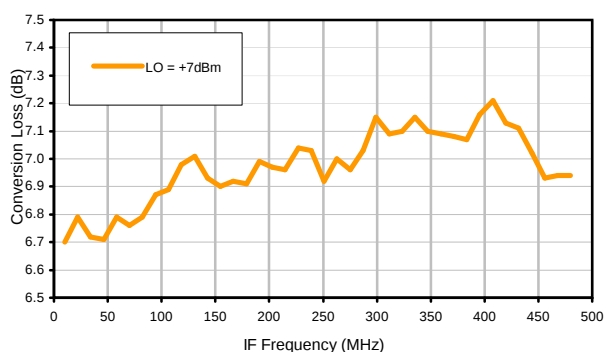


Typical Performance Curves

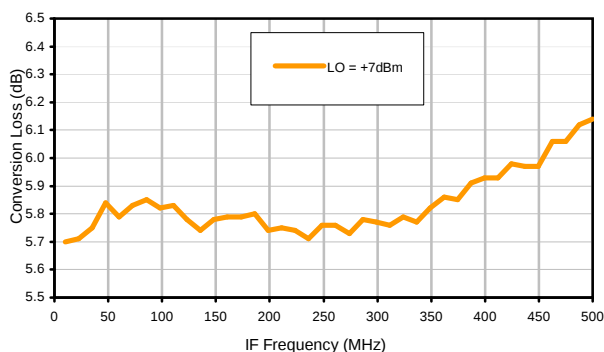
Conversion Loss @ IF=30MHz



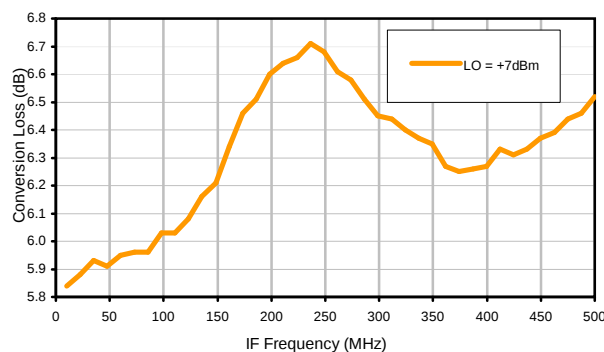
Conversion Loss vs. IF @ RF=500.1MHz



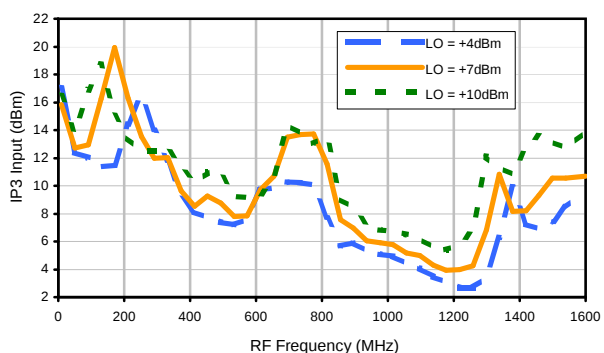
Conversion Loss vs. IF @ RF=10.1MHz



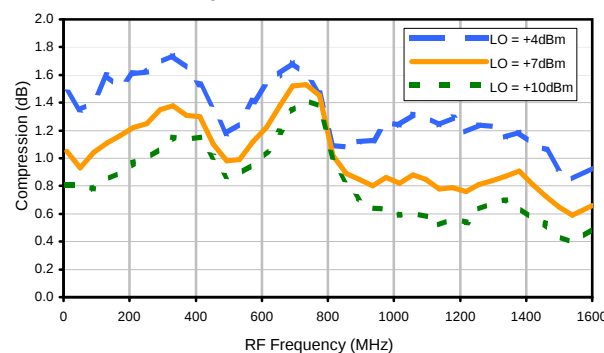
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

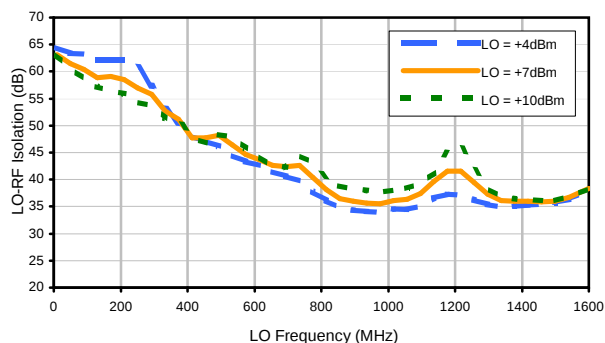


Compression @ RF IN=+1dBm

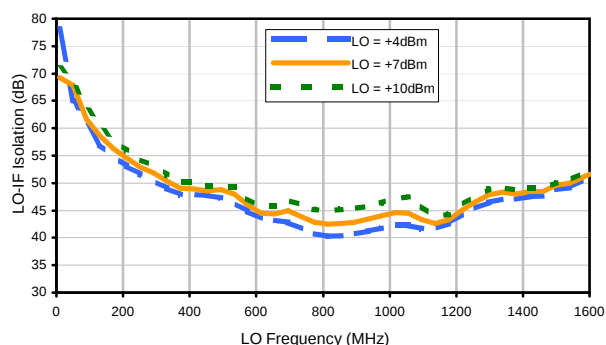


Typical Performance Curves

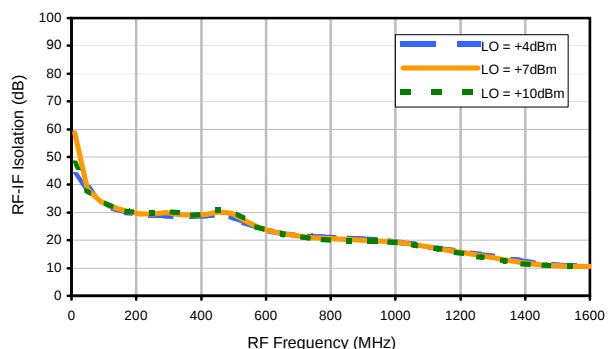
LO-RF Isolation



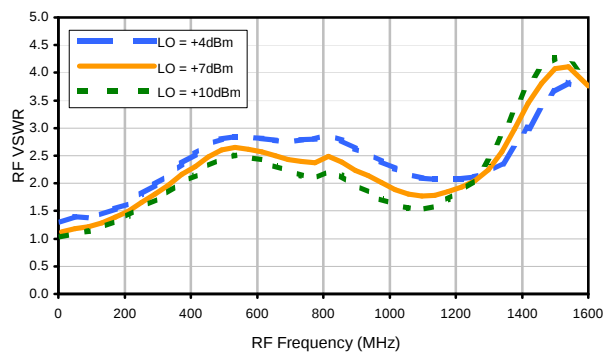
LO-IF Isolation



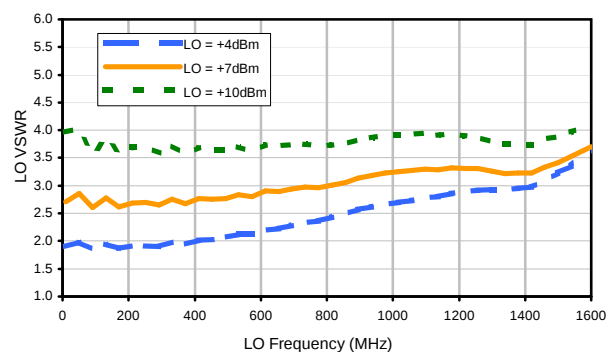
RF-IF Isolation



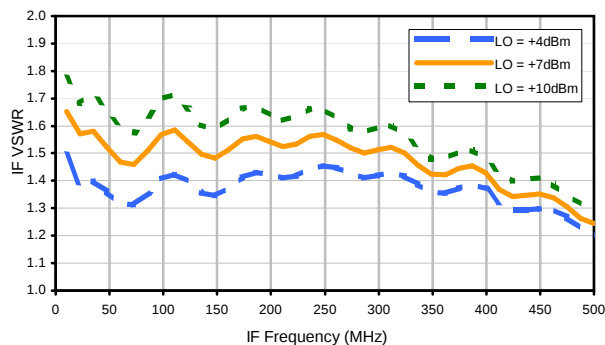
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	30	32	37	29	27	21	52	49	58
1	-	21	+0	38	19	29	42	31	34	36	48	44
2	>100	50	69	53	70	50	61	71	58	60	49	66
3	>100	64	50	69	51	75	52	61	75	64	61	>79
4	>100	>79	>79	76	>79	73	>79	78	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	>79	76	>79	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.
LO IN: 530.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -20.81 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	31	34	41	49	38	41	37	63	60	68
1	-	21	+0	50	18	34	48	36	39	43	62	57
2	98	46	62	52	62	48	56	69	57	54	46	67
3	>100	47	33	58	38	50	40	46	63	51	56	56
4	>100	85	74	58	71	58	71	58	68	81	68	68
5	>100	77	73	75	51	63	51	64	51	63	74	64
6	>100	>89	>89	89	84	69	83	70	75	71	78	87
7	>100	76	81	86	79	84	65	79	63	72	67	76
8	>100	>89	>89	>89	>89	>89	>89	82	>89	78	84	80
9	>100	>89	>89	89	>89	>89	>89	>89	83	84	79	81
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
LO IN: 530.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -10.72 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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