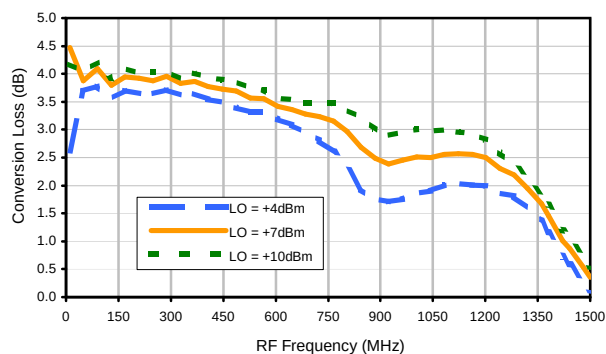
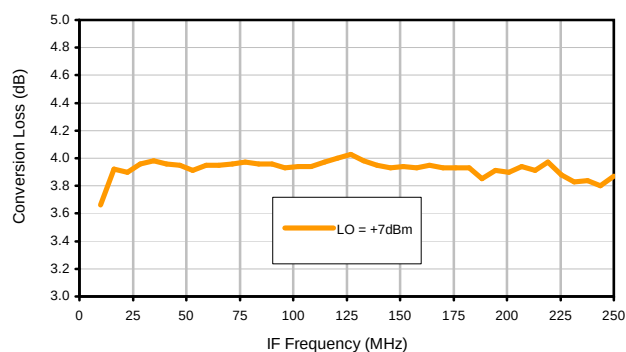


Typical Performance Curves

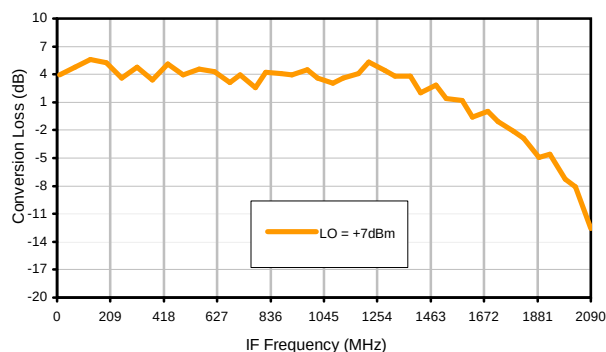
Conversion Loss @ IF=30MHz



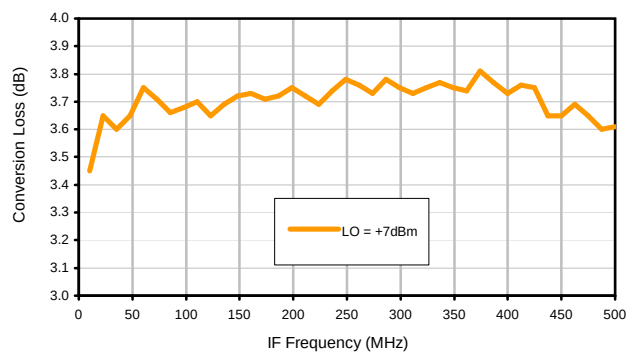
Conversion Loss vs. IF @ RF=260.1MHz



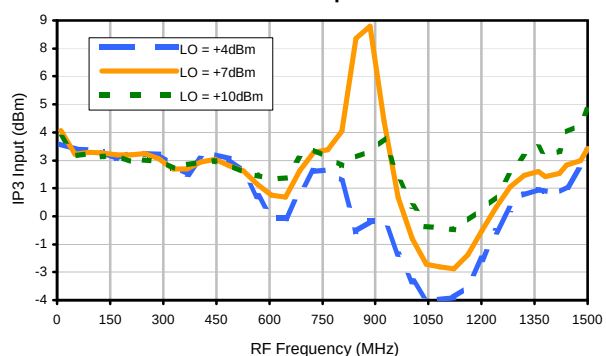
Conversion Loss vs. IF @ RF=10.1MHz



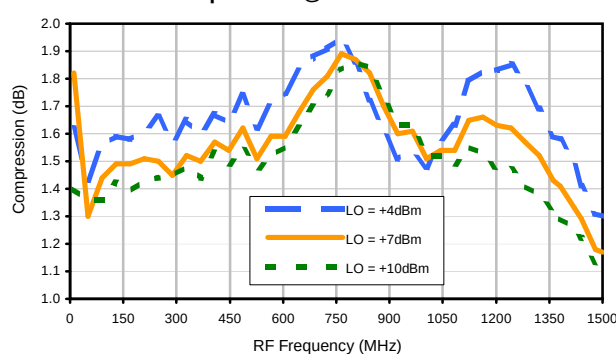
Conversion Loss vs. IF @ RF=510.1MHz



IP3 Input

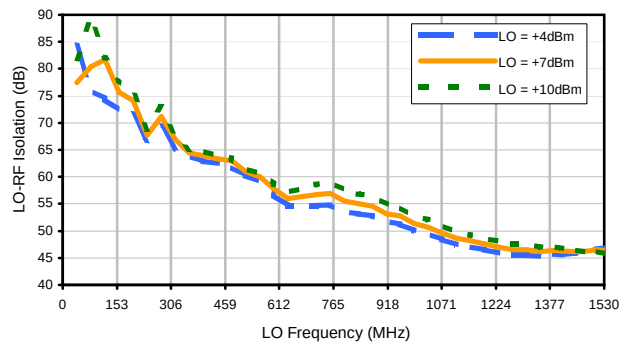


Compression @ RF IN=-10dBm

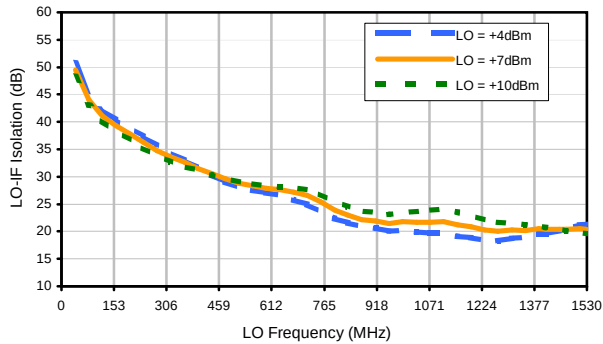


Typical Performance Curves

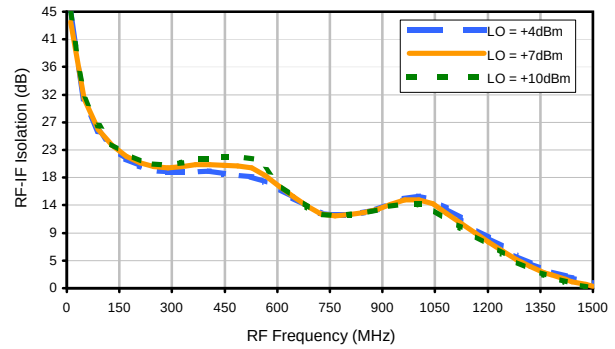
LO-RF Isolation



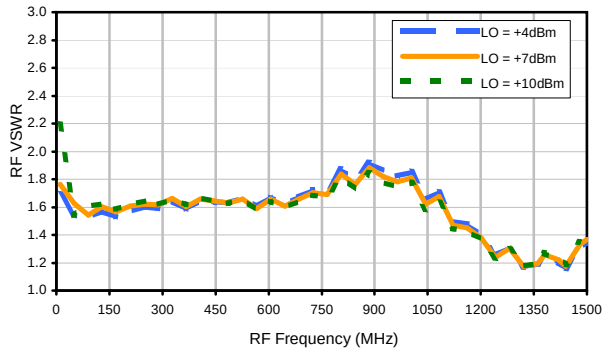
LO-IF Isolation



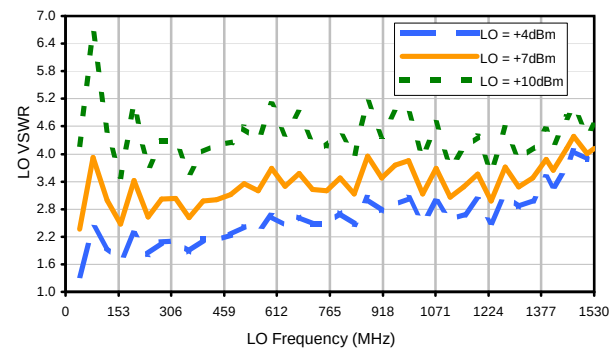
RF-IF Isolation



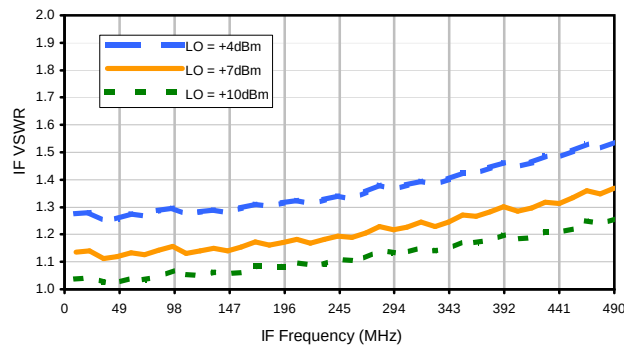
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	16	7	39	10	26	20	32	26	36
1	-	23	+0	34	12	41	21	36	29	39	44	41
2	>90	57	39	>67	44	>67	44	>67	46	61	61	>67
3	>90	>67	64	>67	>67	>67	>67	>67	65	>67	>67	>67
4	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
5	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
6	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
7	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
8	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
9	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
10	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; -25.00 dBm.
LO IN: 280 MHz; +7.00 dBm
IF OUT: 30 MHz; -22.64 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	26	19	49	21	36	31	44	39	50
1	-	23	+0	34	12	43	21	38	29	42	43	45
2	>90	48	28	62	36	58	37	61	40	54	53	64
3	>90	54	43	59	57	63	65	58	51	57	65	61
4	>90	71	59	75	59	>77	57	>77	57	>77	58	72
5	>90	>77	>77	>77	69	>77	65	>77	64	>77	61	>77
6	>90	>77	75	>77	73	>77	73	>77	73	>77	72	>77
7	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
8	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
9	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
10	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; -15.00 dBm.
LO IN: 280 MHz; +7.00 dBm
IF OUT: 30 MHz; -12.69 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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