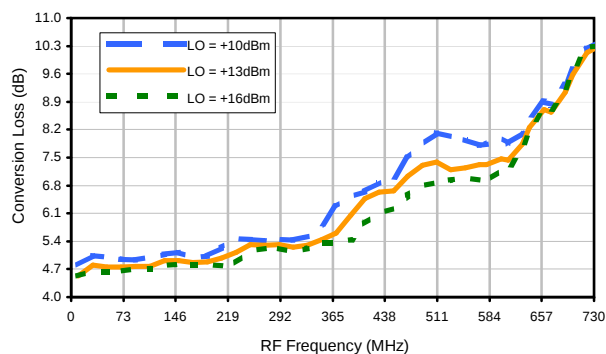
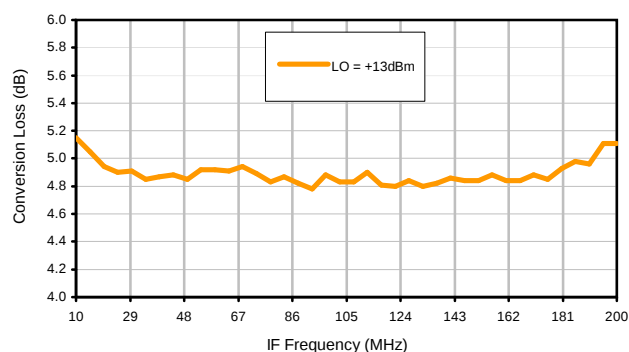


Typical Performance Curves

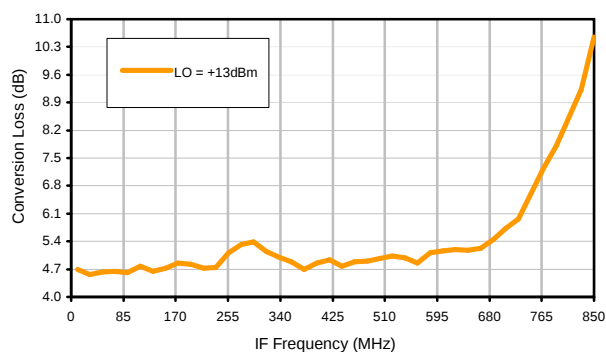
Conversion Loss @ IF=30MHz



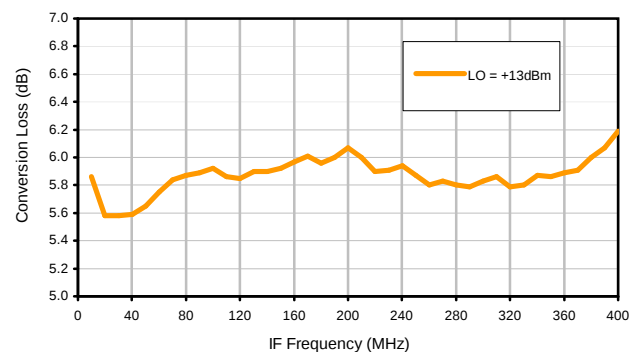
Conversion Loss vs. IF @ RF=210.1MHz



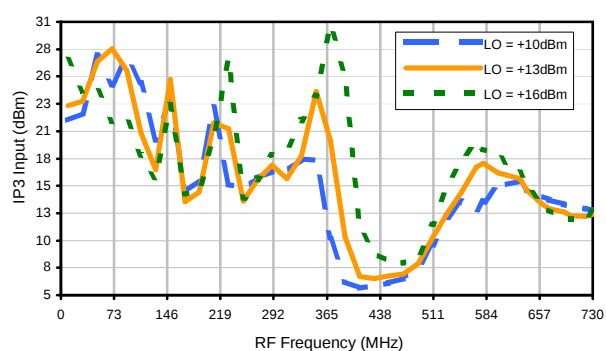
Conversion Loss vs. IF @ RF=10MHz



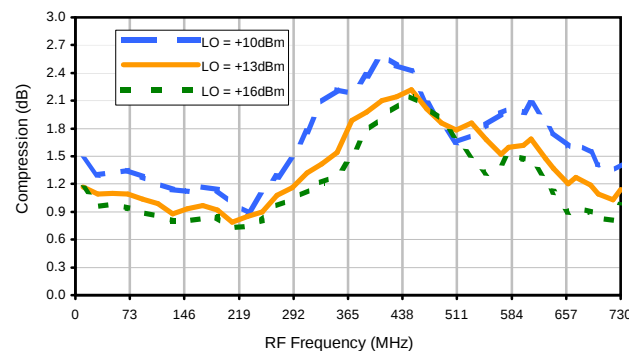
Conversion Loss vs. IF @ RF=410.1MHz



IP3 Input

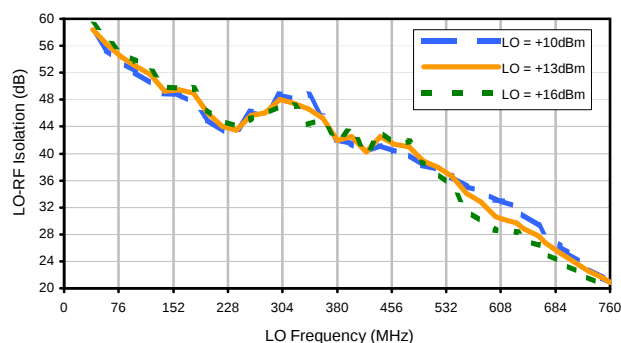


Compression @ RF IN=+8dBm

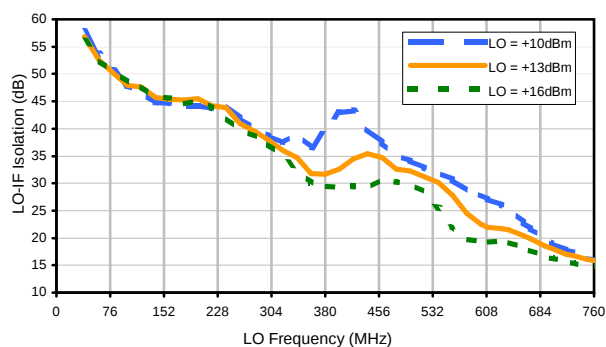


Typical Performance Curves

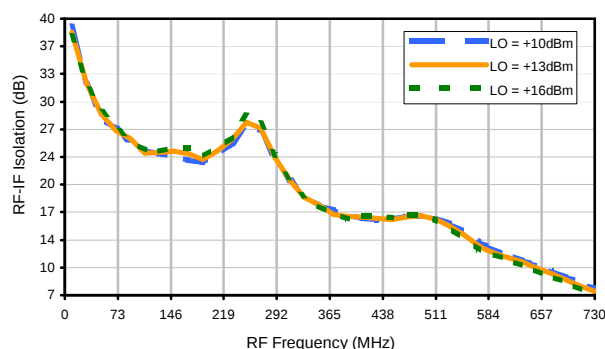
LO-RF Isolation



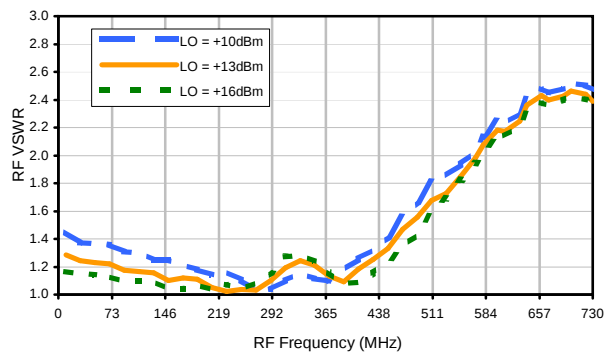
LO-IF Isolation



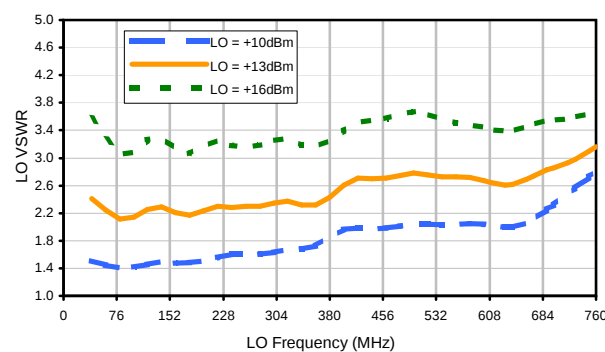
RF-IF Isolation



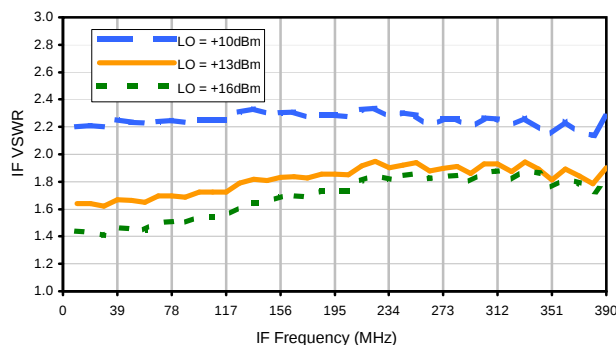
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)											
0	-	-	17	25	12	35	18	43	32	43	36	45
1	-	18	+0	23	11	37	21	39	61	43	38	50
2	80	70	65	69	62	72	52	71	62	>77	67	73
3	>90	64	64	67	66	68	61	65	63	76	64	>77
4	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
5	>90	>77	>77	>77	74	77	75	>77	>77	>77	>77	>77
6	>90	>77	>77	>77	>77	>77	76	>77	>77	>77	>77	>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	71	>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: 200 MHz; -8.00 dBm.
LO IN: 230 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.01 dBm

RF HARMONICS ORDER

	(-dBm)											
0	-	-	25	36	23	47	29	54	46	55	46	55
1	-	19	+0	26	11	40	21	43	42	46	45	57
2	61	55	49	61	48	55	43	59	53	72	60	69
3	>90	44	37	43	39	43	36	45	55	52	55	58
4	>90	68	67	75	62	74	61	71	59	75	78	79
5	>90	70	59	67	56	60	52	60	48	61	55	73
6	>90	83	81	77	73	>87	70	>87	70	73	69	80
7	>90	>87	75	78	63	68	66	67	62	64	63	67
8	>90	>87	86	>87	82	81	78	78	77	84	74	81
9	>90	>87	86	>87	79	86	74	79	70	68	72	72
10	>90	>87	>87	>87	>87	>87	>87	81	>87	85	>87	83
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 200 MHz; 2.00 dBm.
LO IN: 230 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.02 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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