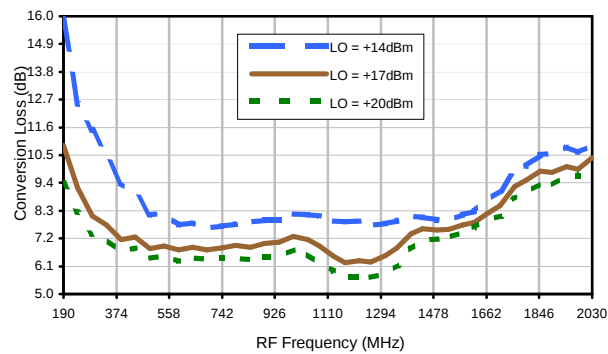
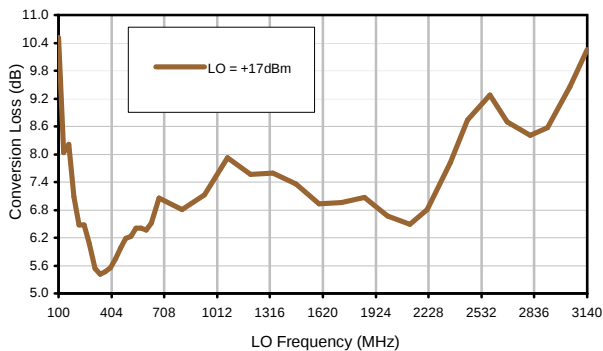


Typical Performance Curves

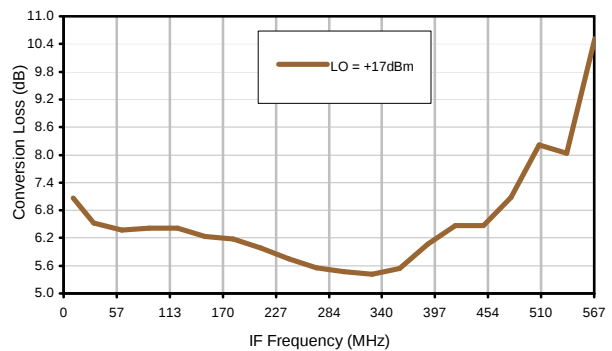
Conversion Loss @ IF=71MHz



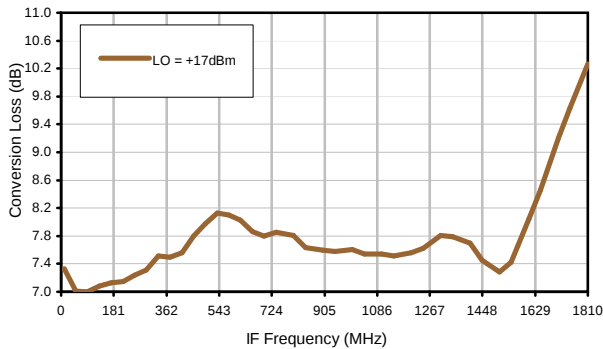
Conversion Loss vs. LO @ RF=667.5MHz



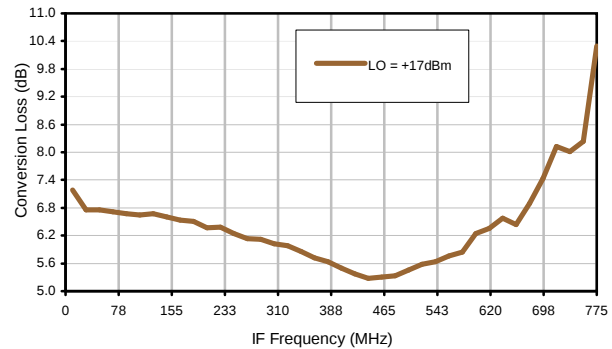
Conversion Loss vs. IF @ RF=667.5MHz



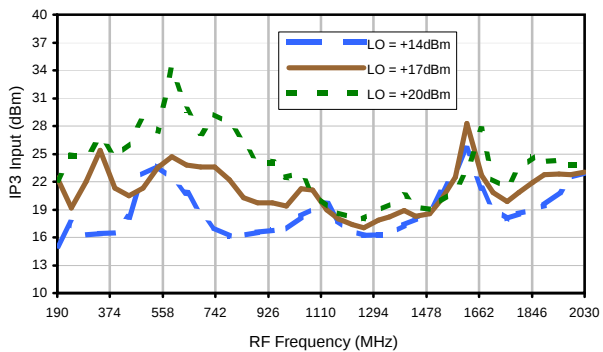
Conversion Loss vs. IF @ RF=459.9MHz



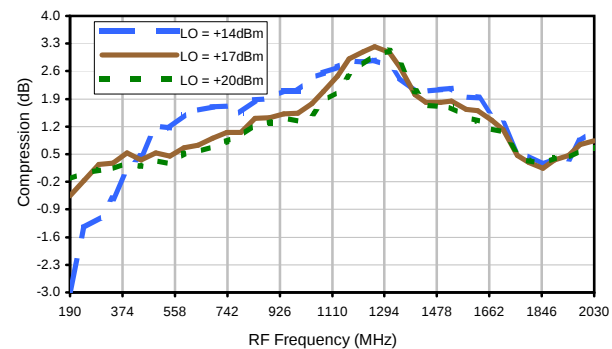
Conversion Loss vs. IF @ RF=875.1MHz



IP3 Input

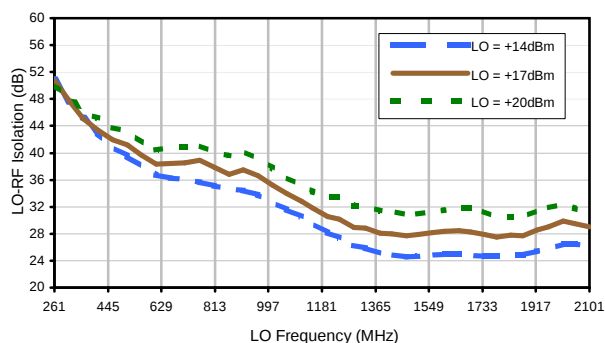


Compression @ RF IN=+15dBm

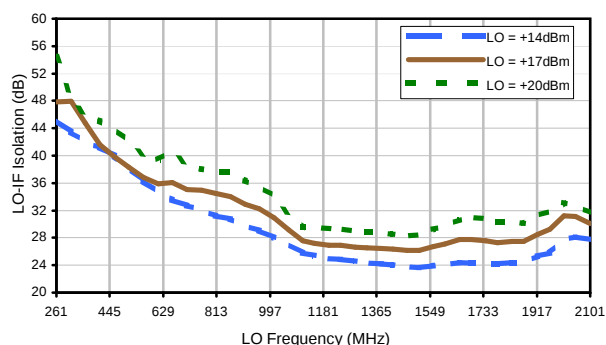


Typical Performance Curves

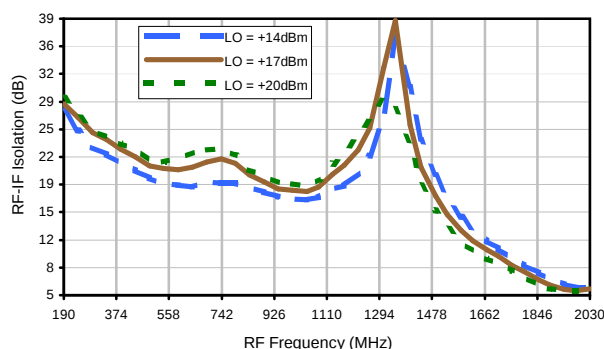
LO-RF Isolation



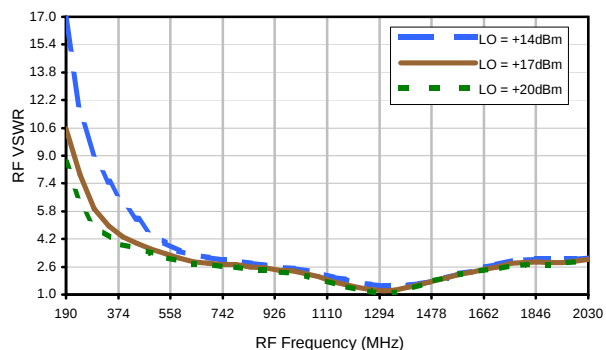
LO-IF Isolation



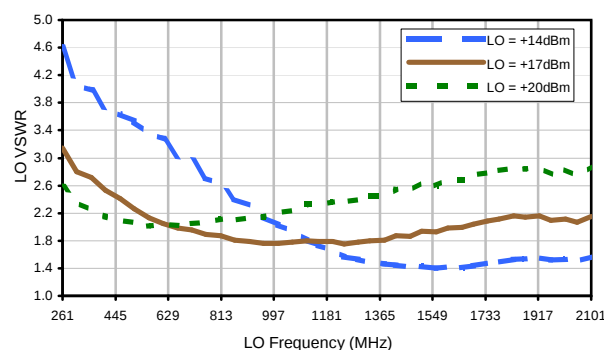
RF-IF Isolation



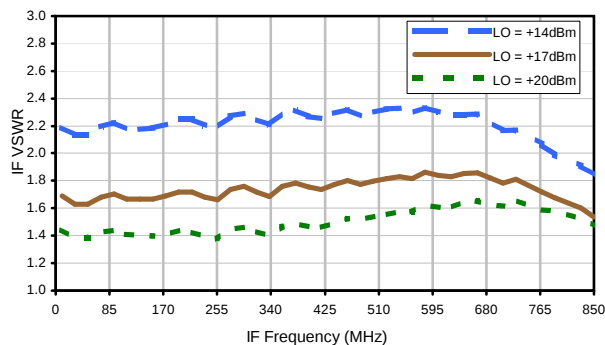
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	12	21	14	27	30	33	43	46	38	52
1	-	14	+0	22	11	28	36	34	37	59	44	60
2	60	53	47	51	51	68	49	60	66	69	75	61
3	>90	57	55	57	55	63	51	65	72	65	65	83
4	>90	>83	80	79	76	77	76	>83	82	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 667.5 MHz; 0.00 dBm.
LO IN: 738.5 MHz; +17.00 dBm
IF OUT: 71 MHz; -6.76 dBm

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	24	33	28	43	44	48	67	58	53	77
1	-	15	+0	22	13	29	36	39	47	69	57	67
2	41	49	43	51	37	52	40	52	60	66	66	71
3	67	39	35	39	42	42	33	46	62	50	52	73
4	>90	73	60	54	53	62	54	70	54	61	66	74
5	>90	61	63	72	46	64	54	55	46	56	66	59
6	>90	88	>93	85	70	68	69	73	59	73	69	74
7	>90	93	>93	79	86	72	61	62	66	61	58	74
8	>90	>93	90	83	88	80	78	69	80	71	66	71
9	>90	92	>93	92	91	91	84	75	71	81	77	73
10	>90	>93	>93	>93	>93	>93	93	85	77	82	83	77
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 667.5 MHz; 10.00 dBm.
LO IN: 738.5 MHz; +17.00 dBm
IF OUT: 71 MHz; 3.23 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.