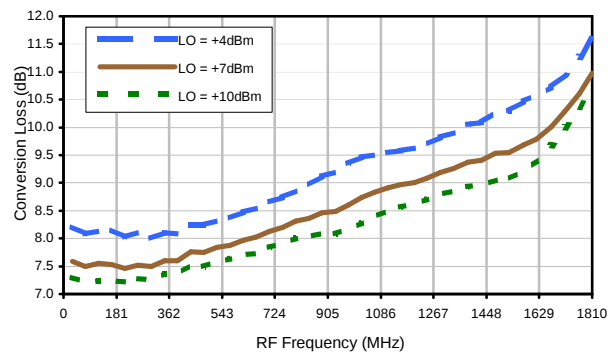
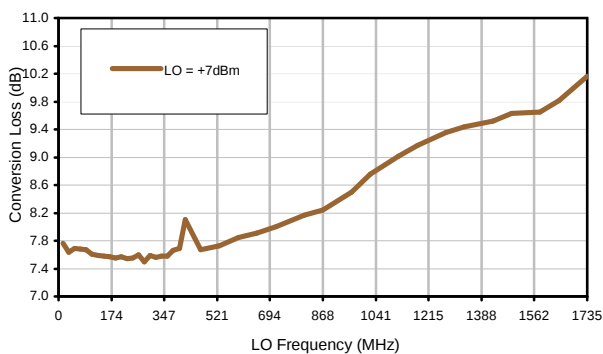


Typical Performance Curves

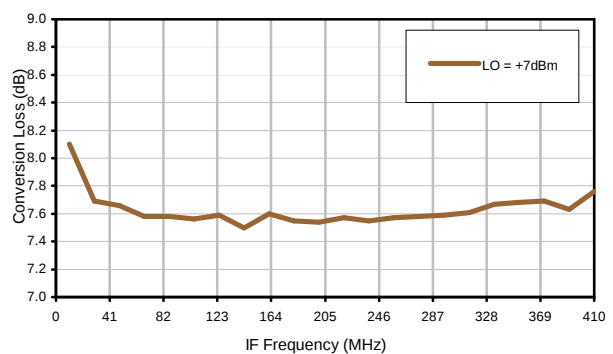
Conversion Loss @ IF=20MHz



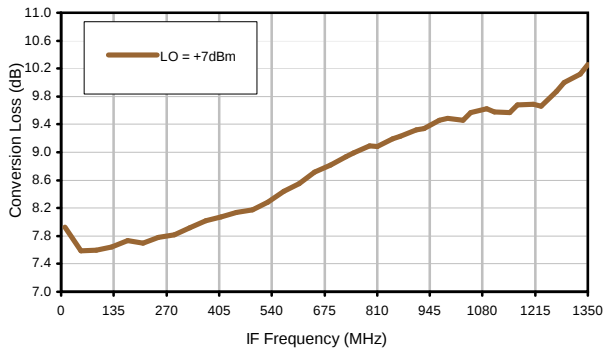
Conversion Loss vs. LO @ RF=425MHz



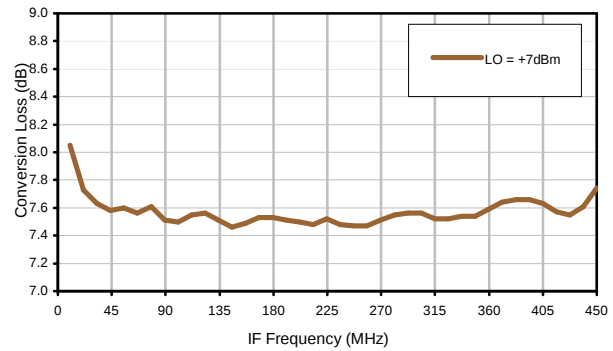
Conversion Loss vs. IF @ RF=425MHz



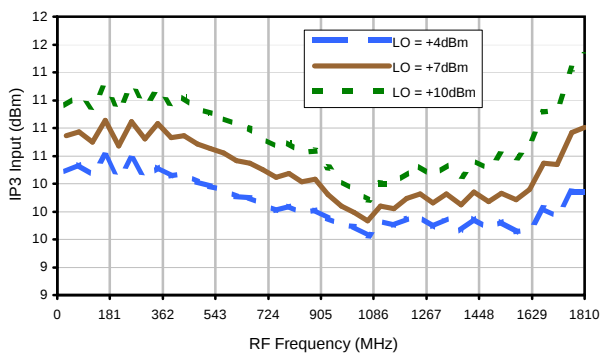
Conversion Loss vs. IF @ RF=389.9MHz



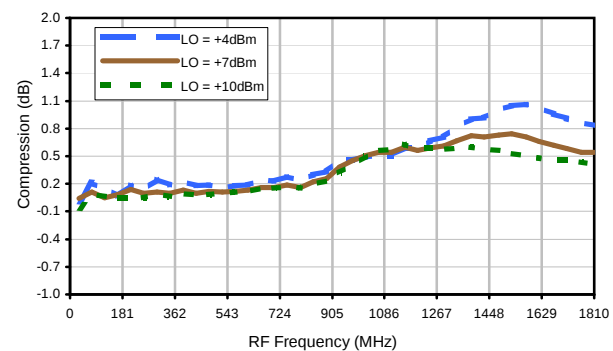
Conversion Loss vs. IF @ RF=460.1MHz



IP3 Input

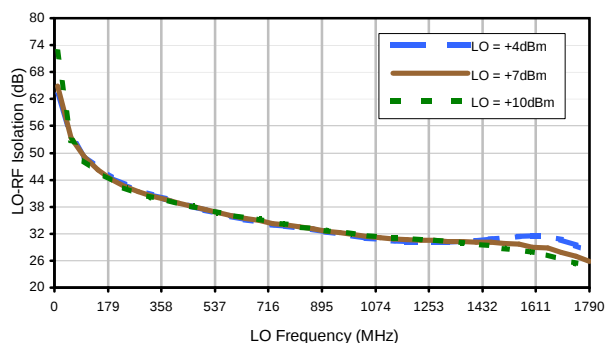


Compression @ RF IN=0dBm

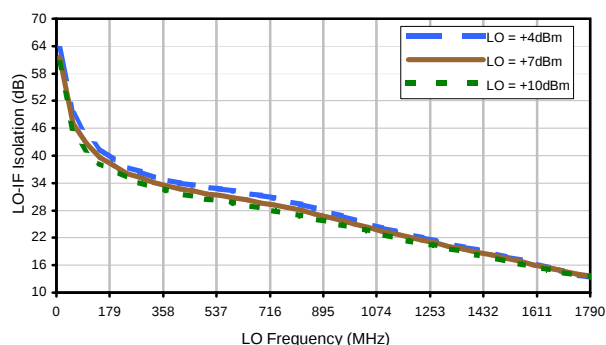


Typical Performance Curves

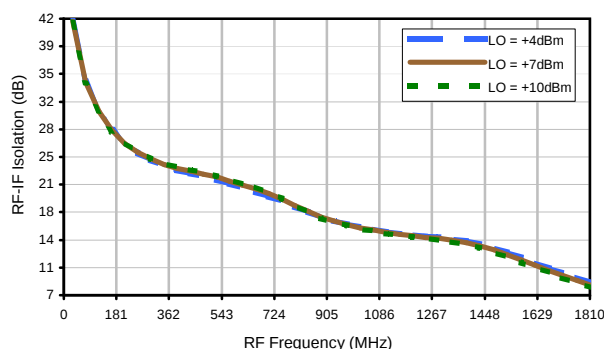
LO-RF Isolation



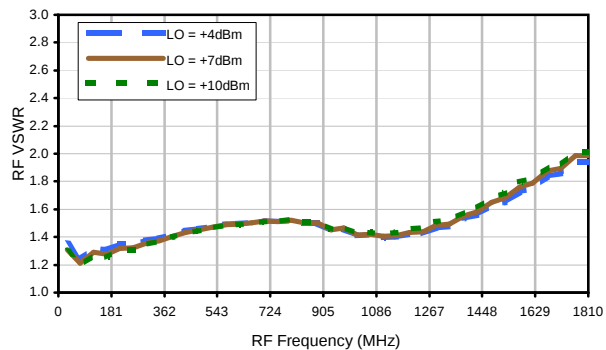
LO-IF Isolation



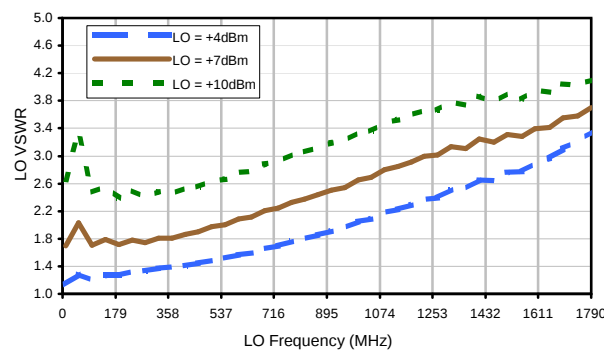
RF-IF Isolation



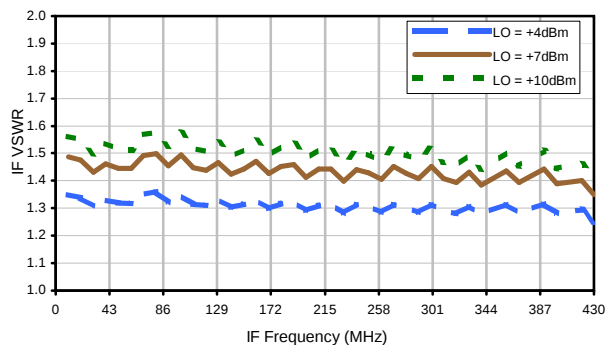
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	17	33	25	46	29	51	39	62	50	64
1	-	15	+0	33	13	39	22	48	37	54	53	58
2	63	50	38	52	40	64	43	70	46	61	58	68
3	>90	40	35	49	39	55	50	74	43	55	53	59
4	>90	62	59	58	52	62	50	66	51	80	54	72
5	>90	63	48	57	47	68	48	65	49	71	53	81
6	>90	>82	76	73	65	73	>82	69	73	73	69	79
7	>90	72	70	71	64	69	57	68	56	73	58	78
8	>90	>82	>82	>82	>82	81	71	>82	70	>82	66	80
9	>90	>82	>82	>82	81	>82	77	>82	>82	75	76	79
10	>90	>82	>82	>82	>82	>82	>82	>82	80	82	76	>82
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 425 MHz; 0.00 dBm.
LO IN: 405 MHz; +7.00 dBm
IF OUT: 20 MHz; -7.74 dBm

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	19	48	27	61	35	67	54	69	61	>86
1	-	11	+0	58	14	43	28	57	53	74	56	68
2	43	38	40	42	46	46	53	53	53	79	65	77
3	69	29	13	32	25	41	34	52	46	62	78	65
4	>90	50	59	52	46	58	52	57	59	62	60	69
5	>90	35	23	43	32	57	38	58	47	60	67	70
6	>90	56	51	59	55	66	70	63	64	64	61	71
7	>90	34	37	49	40	52	43	62	50	64	60	64
8	>90	62	54	68	61	76	59	73	65	69	64	71
9	>90	37	53	53	53	58	50	66	53	66	60	75
10	>90	67	64	70	66	77	69	78	68	72	66	72
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 425 MHz; 10.00 dBm.
LO IN: 405 MHz; +7.00 dBm
IF OUT: 20 MHz; -3.7 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.