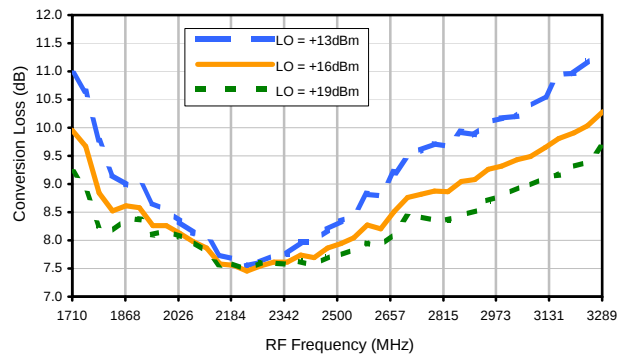
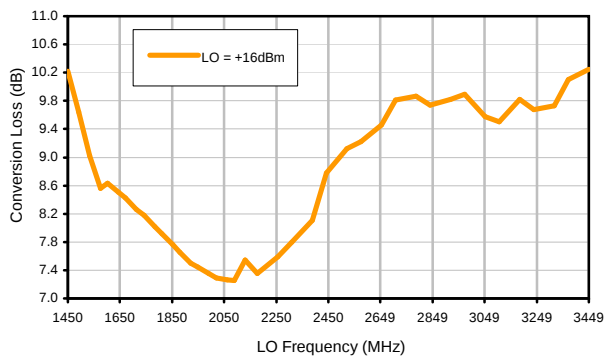


Typical Performance Curves

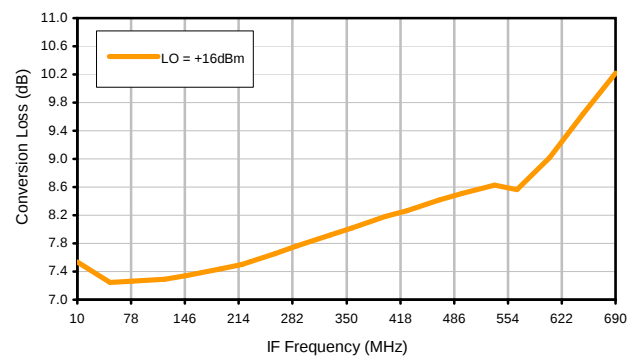
Conversion Loss @ IF=270MHz



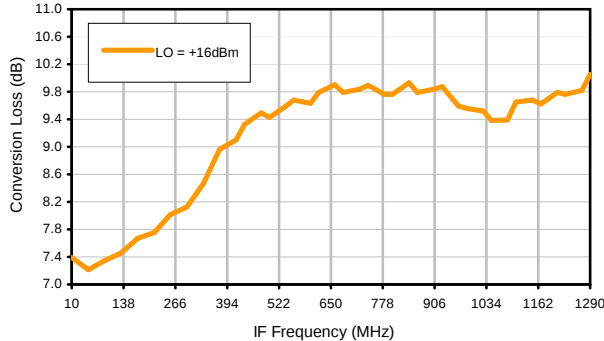
Conversion Loss vs. LO @ RF=2140MHz



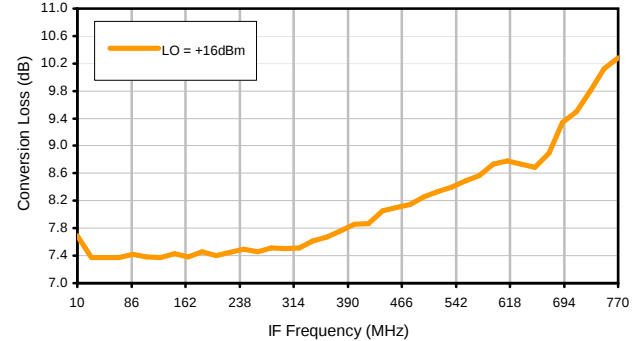
Conversion Loss vs. IF @ RF=2140MHz



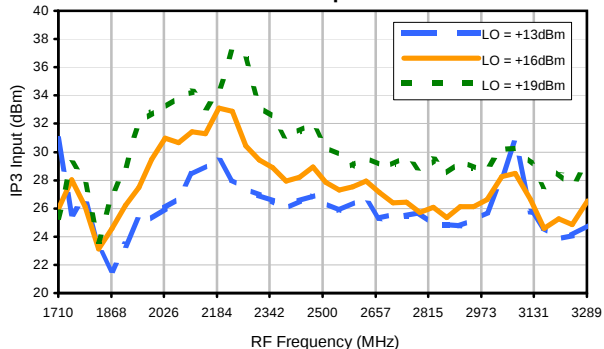
Conversion Loss vs. IF @ RF=2059.89MHz



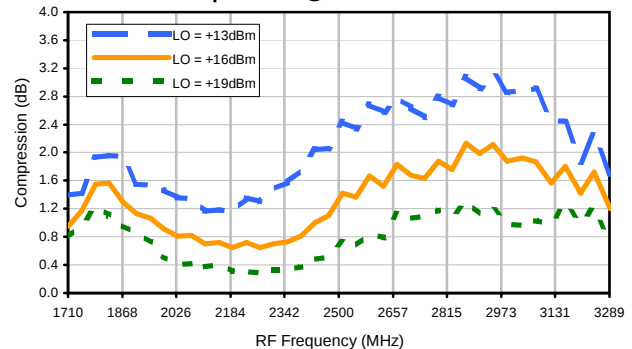
Conversion Loss vs. IF @ RF=2220.1MHz



IP3 Input

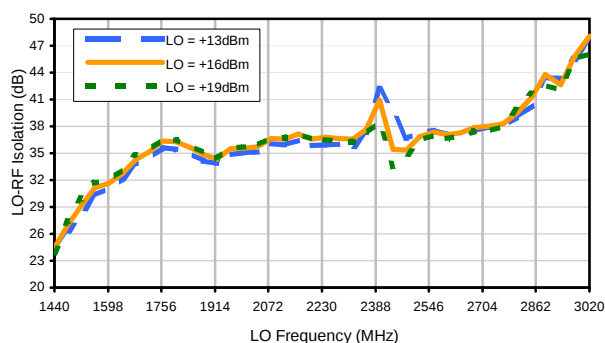


Compression @ RF IN=+20dBm

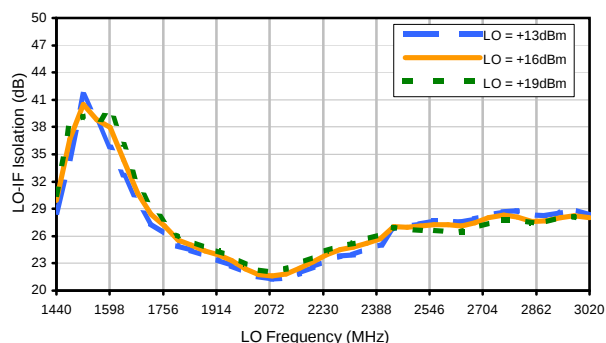


Typical Performance Curves

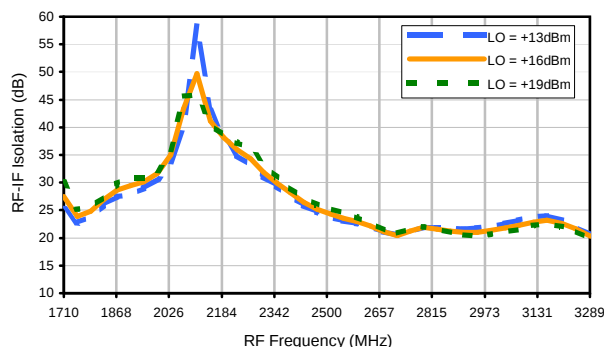
LO-RF Isolation



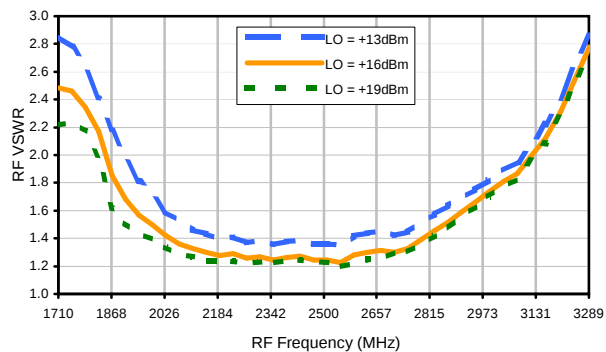
LO-IF Isolation



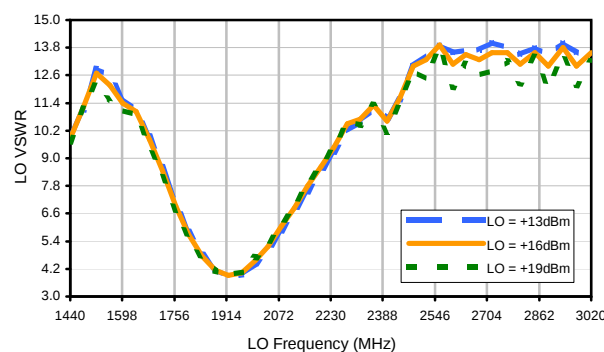
RF-IF Isolation



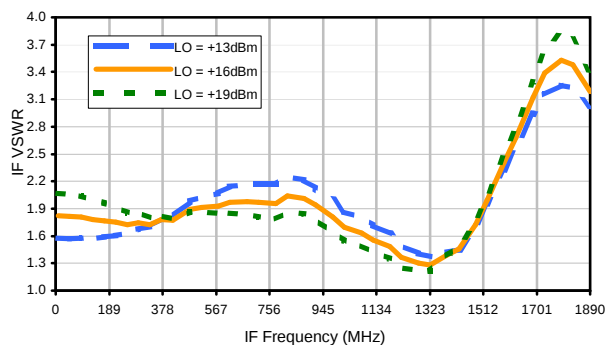
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	15	23	35	36	33	38	47	33	58
1	-	49	+0	38	17	46	29	53	44	44	61	53
2	48	40	53	54	50	50	59	64	59	58	75	60
3	82	65	59	61	51	58	58	71	59	67	68	69
4	>90	>87	79	73	74	75	72	77	76	81	84	>87
5	>90	>87	>87	>87	>87	>87	81	79	79	86	85	>87
6	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
7	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
8	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
RF CAL		0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 2140 MHz; 5.00 dBm.
LO IN: 1870 MHz; +16.00 dBm
IF OUT: 270 MHz; -2.77 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	22	34	45	44	49	52	59	51	57
1	-	42	+0	34	19	41	35	52	62	47	67	61
2	28	29	42	48	43	45	46	64	54	52	61	54
3	53	45	40	47	32	45	38	68	46	70	64	68
4	71	79	63	56	56	58	58	53	60	73	68	67
5	>90	77	70	62	59	58	50	52	56	62	62	66
6	>90	84	82	81	75	74	69	67	82	64	70	71
7	>90	95	81	91	73	73	65	62	62	58	67	65
8	>90	87	85	>97	96	81	97	81	76	94	72	88
9	>90	>97	>97	>97	93	84	86	81	73	76	73	69
10	>90	94	>97	90	88	>97	85	86	94	94	78	84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 15.00 dBm.
LO IN: 1870 MHz; +16.00 dBm
IF OUT: 270 MHz; 7.02 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.