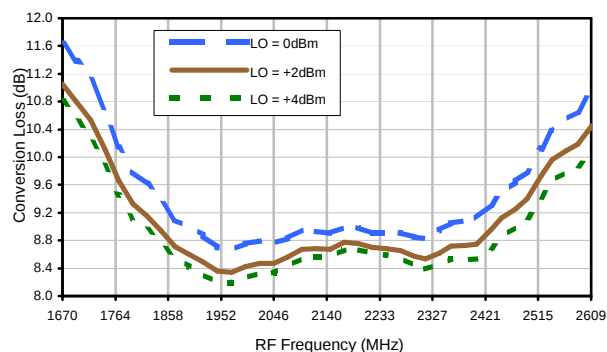
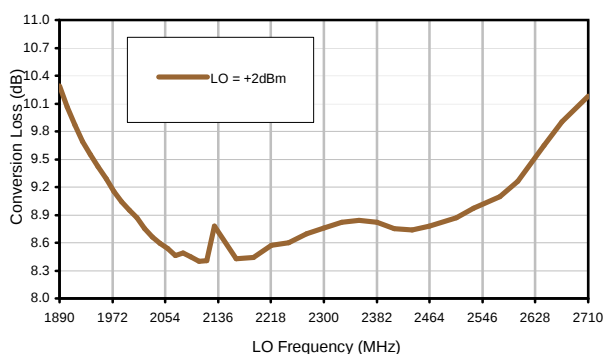


Typical Performance Curves

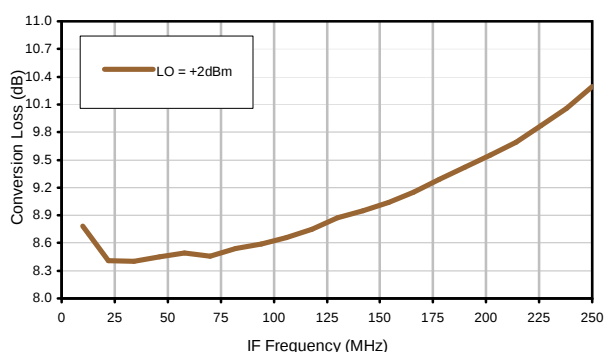
Conversion Loss @ IF=138MHz



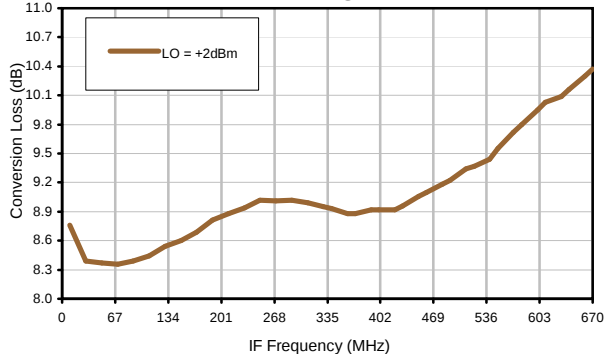
Conversion Loss vs. LO @ RF=2140MHz



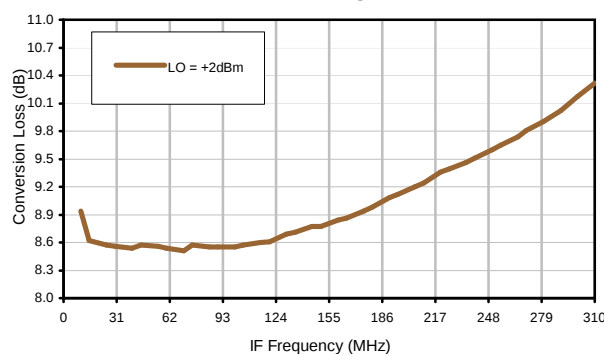
Conversion Loss vs. IF @ RF=2140MHz



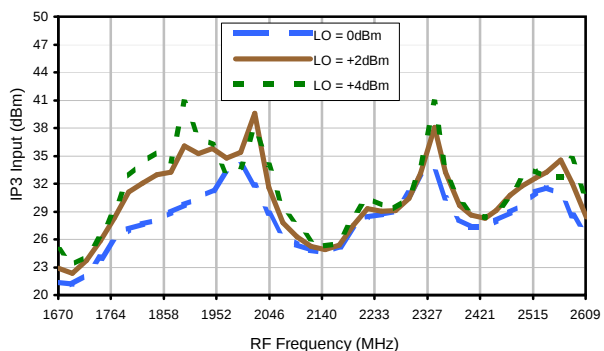
Conversion Loss vs. IF @ RF=2059.8999MHz



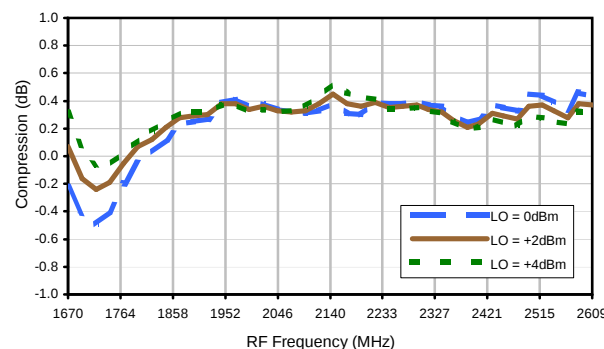
Conversion Loss vs. IF @ RF=2220.1001MHz



IP3 Input

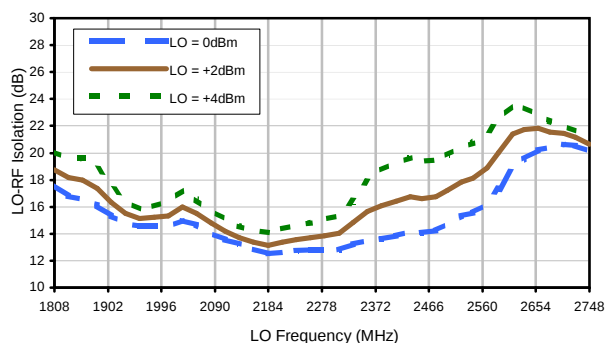


Compression @ RF IN=+20dBm

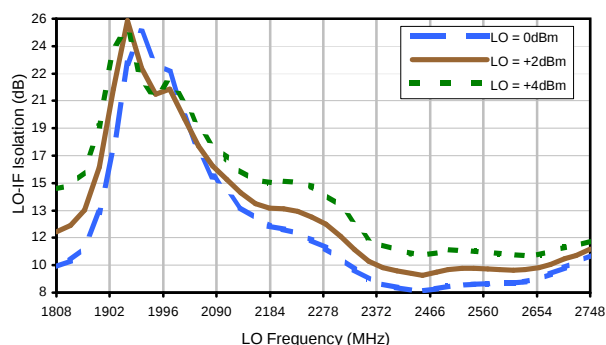


Typical Performance Curves

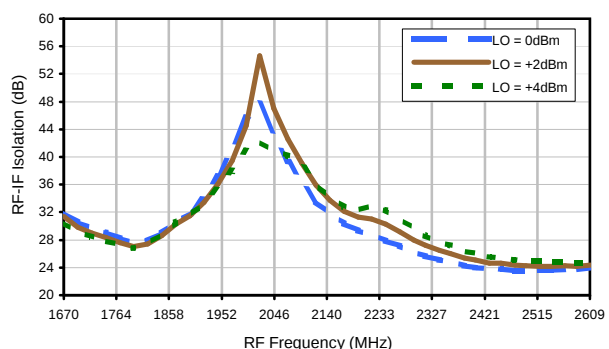
LO-RF Isolation



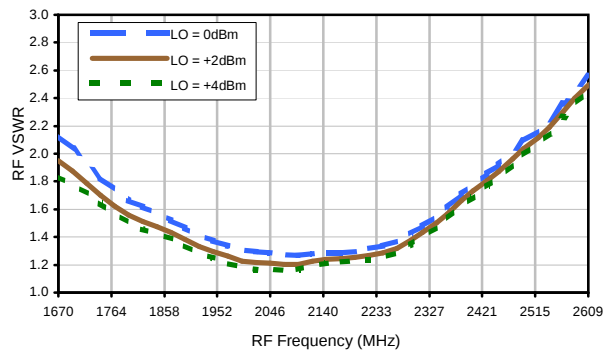
LO-IF Isolation



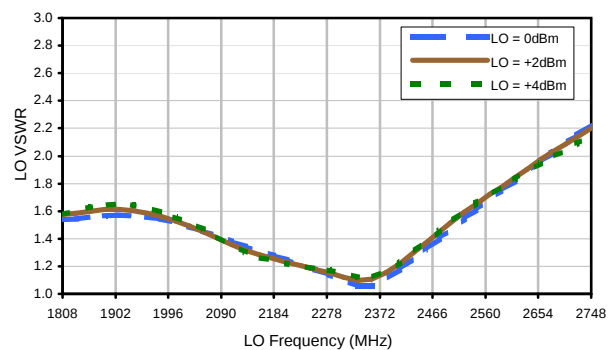
RF-IF Isolation



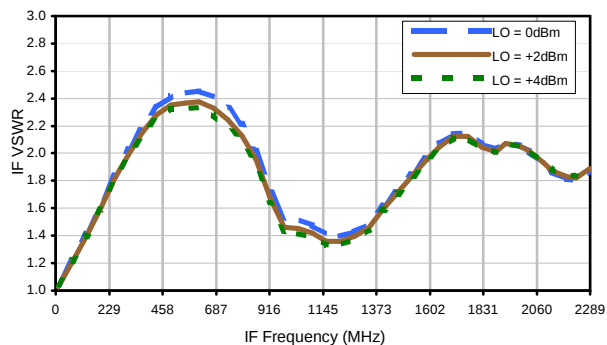
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	8	23	36	27	38	37	44	54	55
1	-	22	+0	18	28	40	45	53	46	56	56	69
2	58	48	60	42	53	64	63	61	64	71	75	70
3	>90	>82	68	63	59	74	75	>82	>82	>82	>82	>82
4	>90	>82	>82	>82	>82	73	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 0.00 dBm.
LO IN: 2278 MHz; +2.00 dBm
IF OUT: 138 MHz; -8.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	18	34	50	40	49	46	60	67	67
1	-	21	+0	18	28	40	46	47	48	61	64	75
2	37	38	47	31	43	53	53	53	54	62	65	71
3	67	68	49	46	38	58	55	63	79	68	62	76
4	>90	78	81	70	66	54	73	69	84	73	71	72
5	>90	91	79	>92	73	75	70	81	>92	79	81	87
6	>90	>92	>92	83	89	78	74	65	83	84	91	89
7	>90	>92	>92	85	91	>92	89	75	74	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	89	83	74	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	82	85	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	90	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 10.00 dBm.
LO IN: 2278 MHz; +2.00 dBm
IF OUT: 138 MHz; 1.54 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.