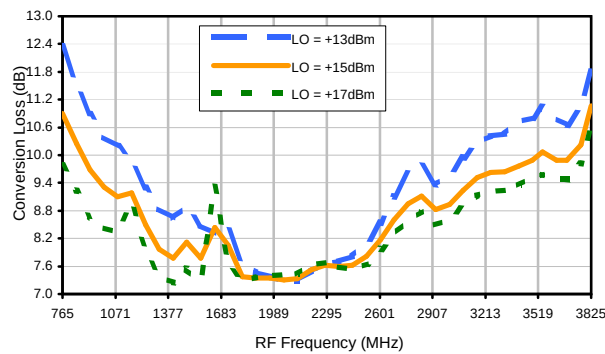
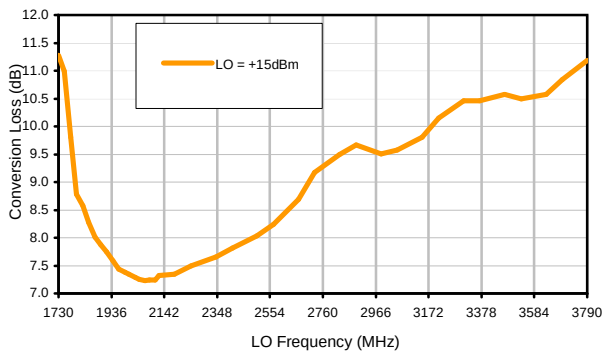


Typical Performance Curves

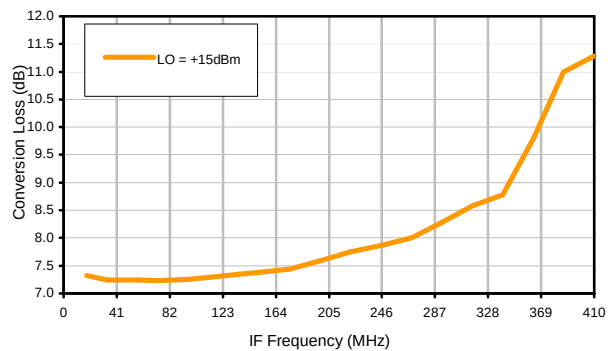
Conversion Loss @ IF=57.6MHz



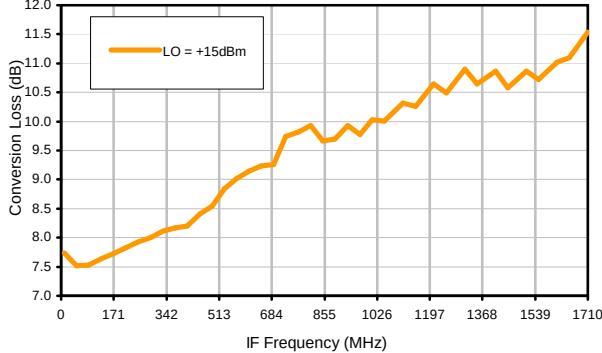
Conversion Loss vs. LO @ RF=2140MHz



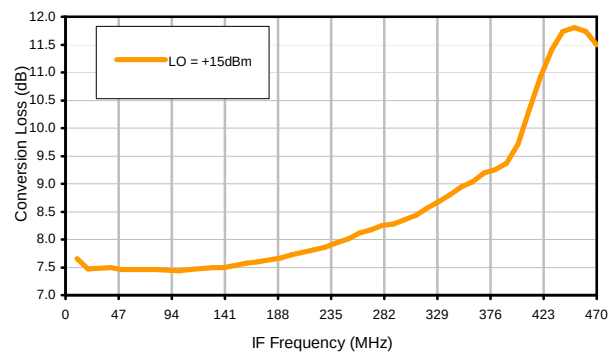
Conversion Loss vs. IF @ RF=2140MHz



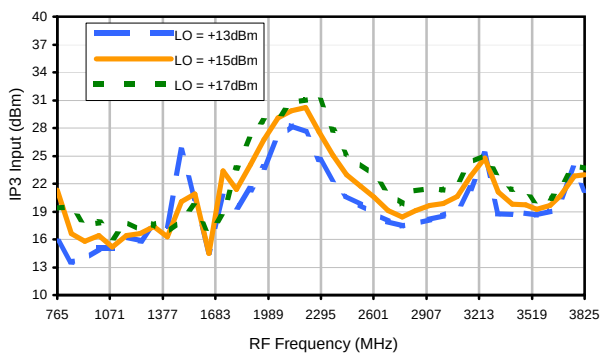
Conversion Loss vs. IF @ RF=2094.8999MHz



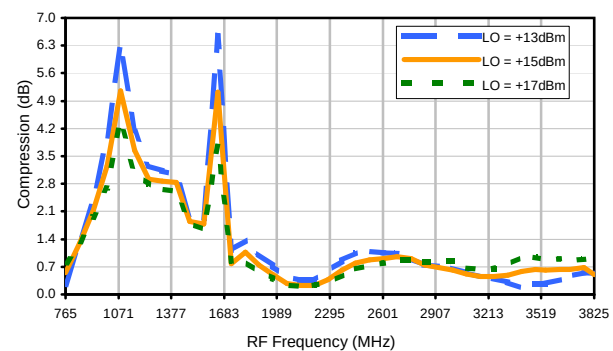
Conversion Loss vs. IF @ RF=2185.1001MHz



IP3 Input

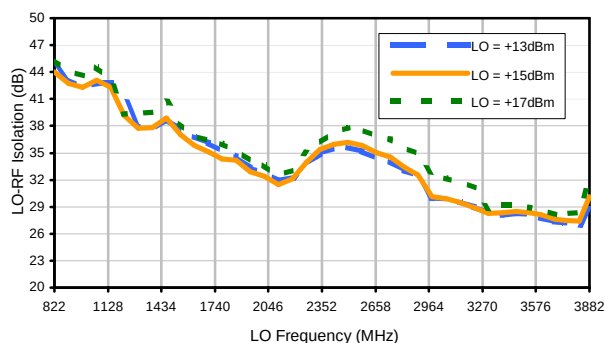


Compression @ RF IN=+15dBm

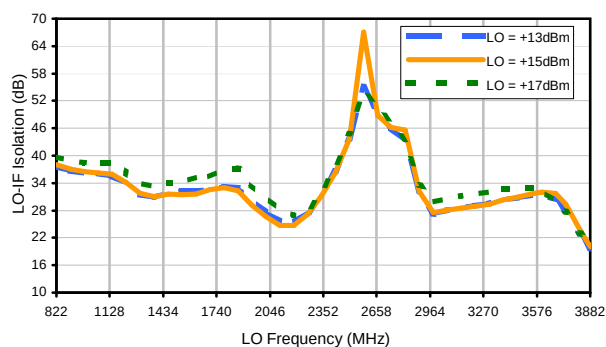


Typical Performance Curves

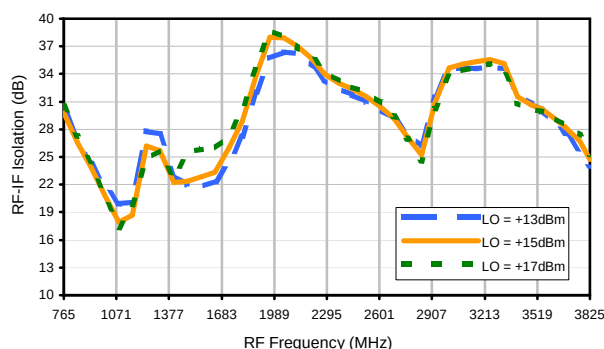
LO-RF Isolation



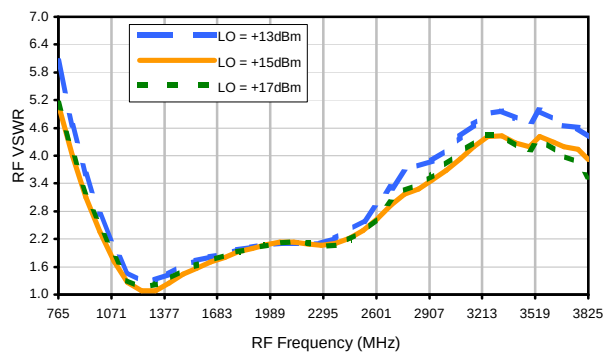
LO-IF Isolation



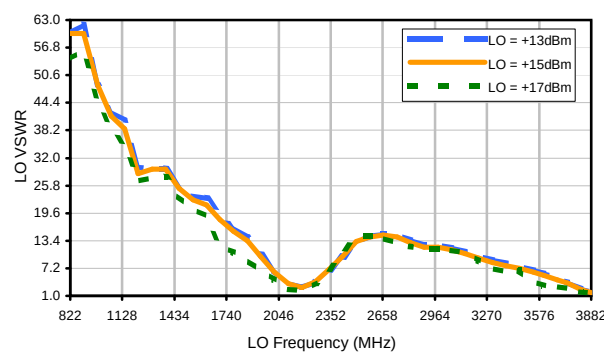
RF-IF Isolation



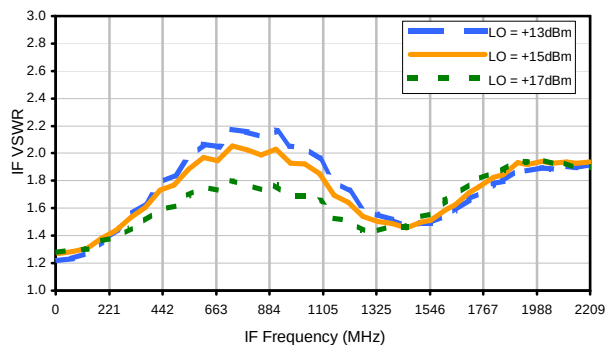
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	31	21	24	32	29	34	53	53	62
1	-	29	+0	46	20	46	35	50	37	54	63	52
2	59	55	61	55	58	65	59	66	66	69	73	80
3	>90	>83	67	74	59	75	68	>83	>83	79	77	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>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: 2140 MHz; 0.00 dBm.
LO IN: 2196.6 MHz; +15.00 dBm
IF OUT: 56.6 MHz; -7.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	38	32	34	42	40	46	82	63	83
1	-	28	+0	46	20	47	36	52	38	54	63	54
2	39	45	53	45	50	54	52	57	55	61	65	69
3	65	70	48	58	39	56	48	65	61	66	58	81
4	>90	79	77	88	75	76	70	87	66	78	79	81
5	>90	79	81	79	71	74	60	72	69	86	83	80
6	>90	82	91	88	87	>93	83	85	83	87	84	>93
7	>90	>93	>93	>93	>93	92	83	88	73	82	80	89
8	>90	>93	>93	>93	>93	>93	>93	>93	91	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	92	>93	84	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	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: 2196.6 MHz; +15.00 dBm
IF OUT: 56.6 MHz; 2.89 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.