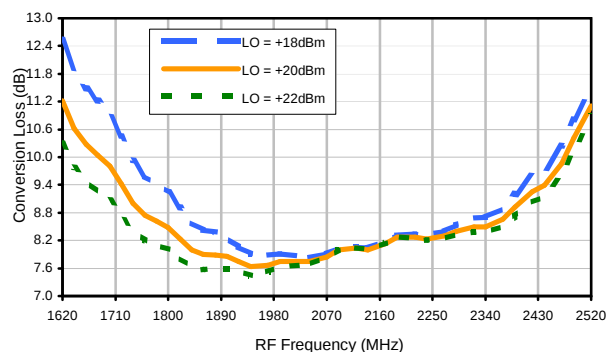
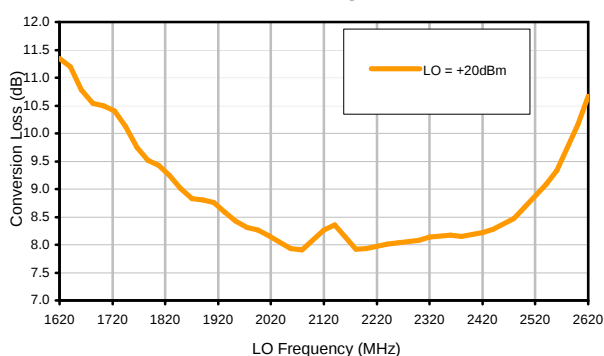


Typical Performance Curves

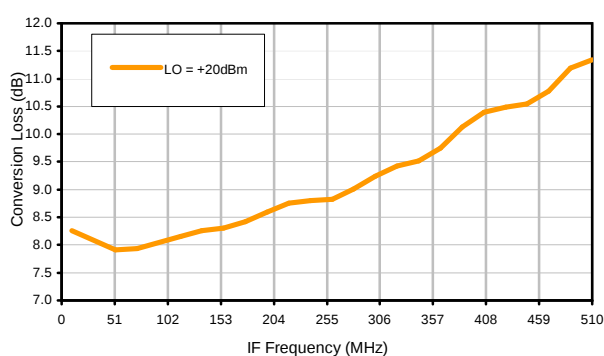
Conversion Loss @ IF=110MHz



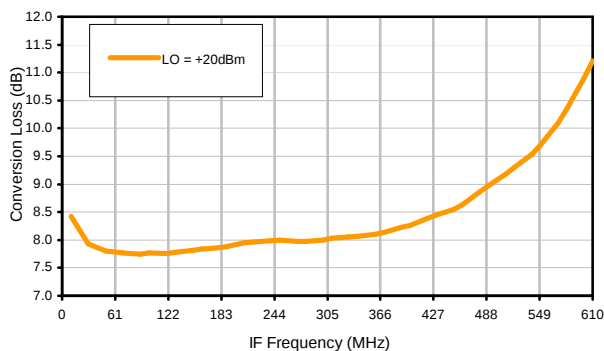
Conversion Loss vs. LO @ RF=2130.1001MHz



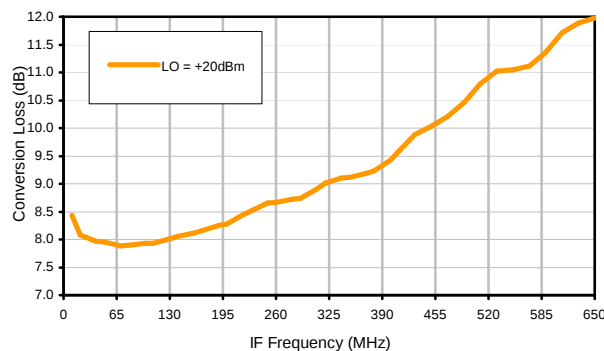
Conversion Loss vs. IF @ RF=2130.1001MHz



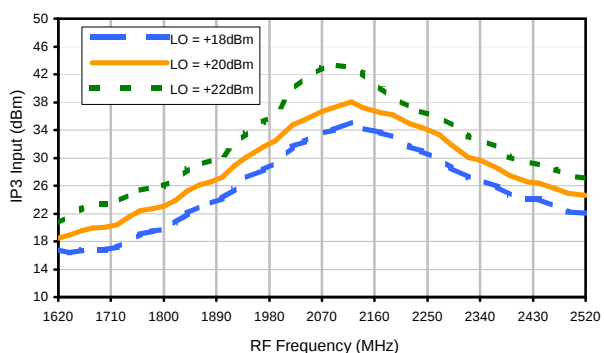
Conversion Loss vs. IF @ RF=2010.1MHz



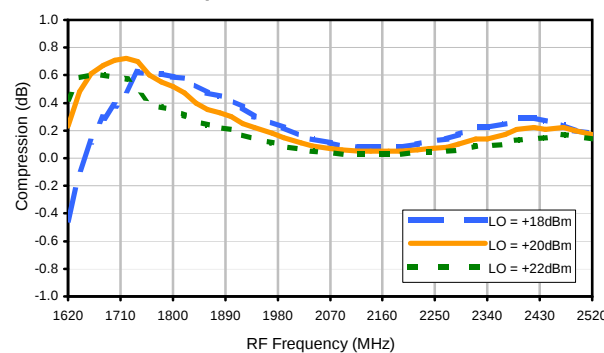
Conversion Loss vs. IF @ RF=2250.1001MHz



IP3 Input

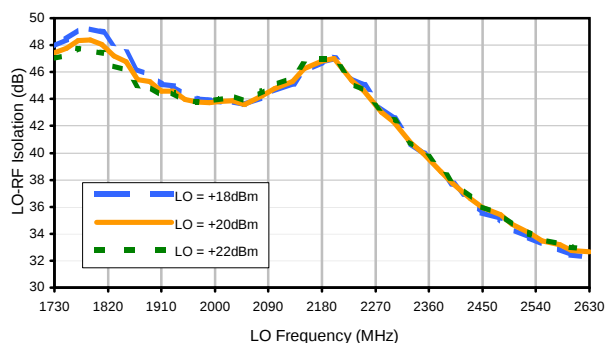


Compression @ RF IN=+17dBm

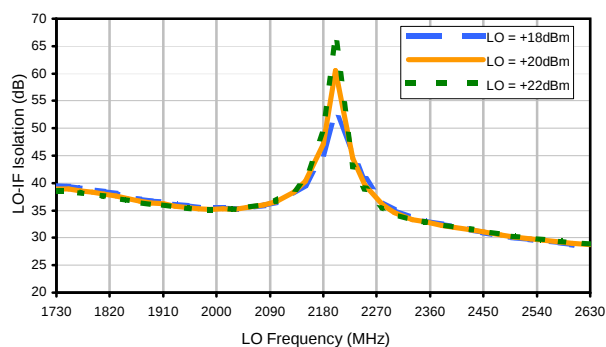


Typical Performance Curves

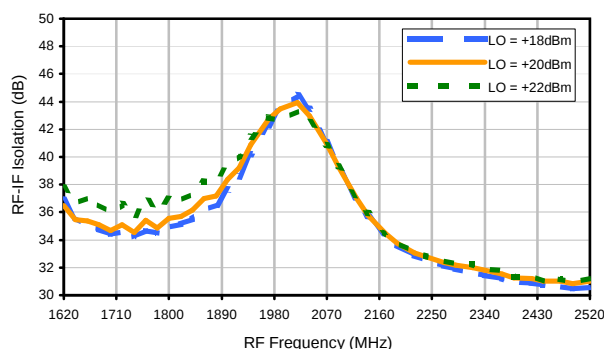
LO-RF Isolation



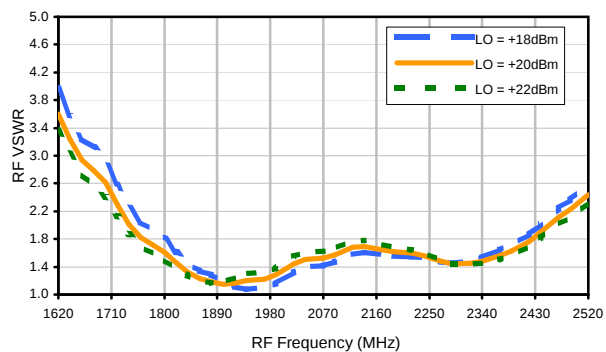
LO-IF Isolation



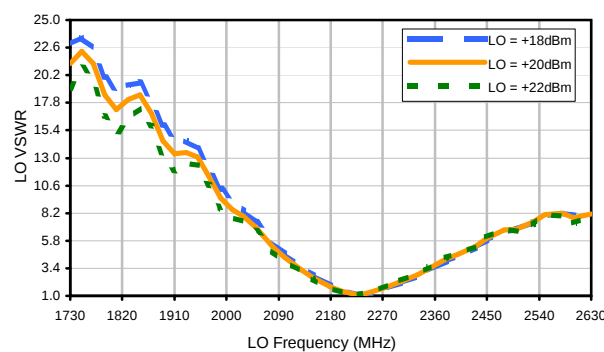
RF-IF Isolation



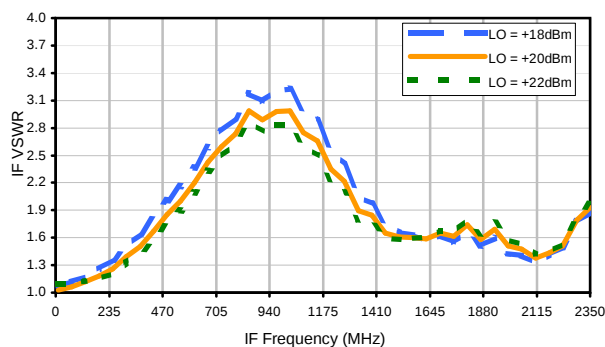
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	21	26	16	26	39	36	45	54	67
1	-	27	+0	38	26	42	35	51	33	55	53	71
2	54	62	69	46	>84	60	72	71	76	67	74	77
3	>90	>84	>84	>84	78	>84	81	>84	>84	>84	>84	>84
4	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2130.1 MHz; 2.00 dBm.
LO IN: 2240.1 MHz; +20.00 dBm
IF OUT: 110 MHz; -6.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	27	31	35	25	36	51	46	52	64	78
1	-	27	+0	38	26	42	35	51	34	54	54	75
2	34	52	60	36	76	51	62	58	70	60	65	69
3	59	84	66	75	55	75	61	71	67	84	66	74
4	83	81	>94	91	78	71	80	75	81	84	89	82
5	>90	>94	>94	>94	>94	83	80	85	86	89	>94	90
6	>90	89	>94	>94	>94	>94	92	>94	89	>94	>94	94
7	>90	>94	>94	>94	>94	>94	>94	>94	91	>94	>94	>94
8	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
9	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2130.1 MHz; 12.00 dBm.
LO IN: 2240.1 MHz; +20.00 dBm
IF OUT: 110 MHz; 3.81 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.