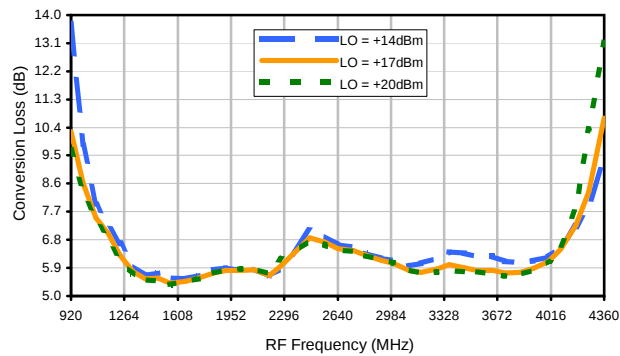
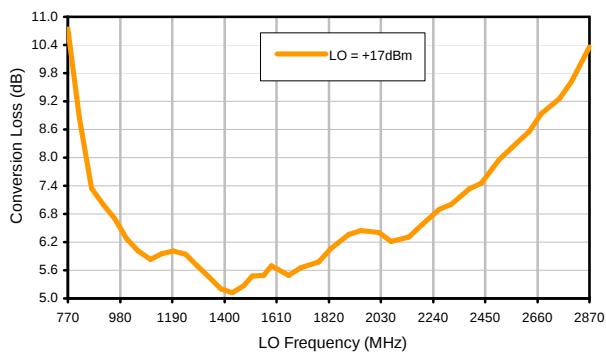


Typical Performance Curves

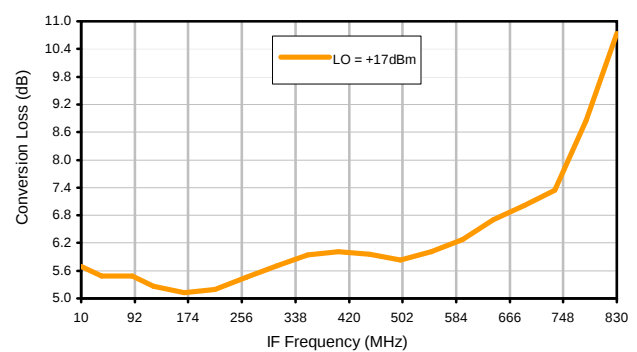
Conversion Loss @ IF=30MHz



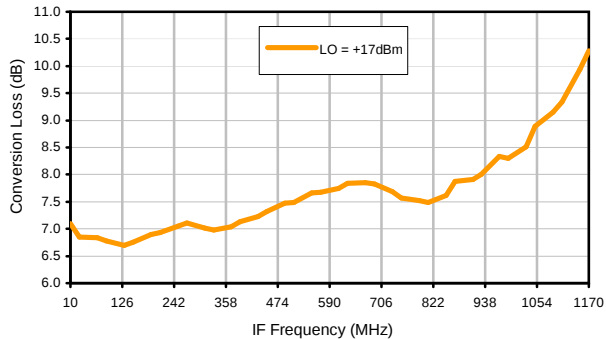
Conversion Loss vs. LO @ RF=1600MHz



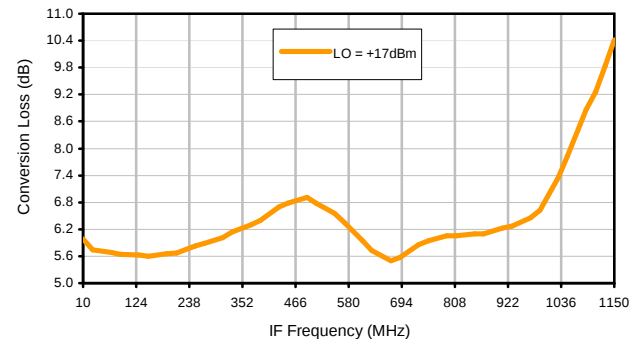
Conversion Loss vs. IF @ RF=1600MHz



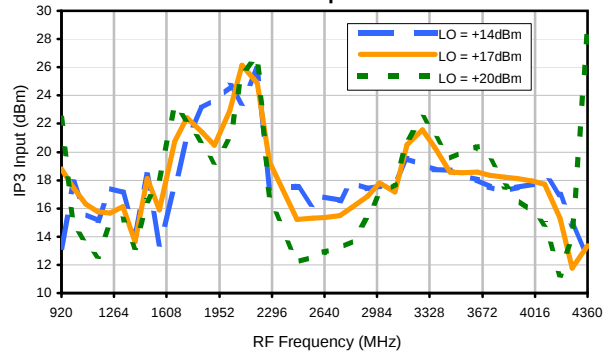
Conversion Loss vs. IF @ RF=1189.9MHz



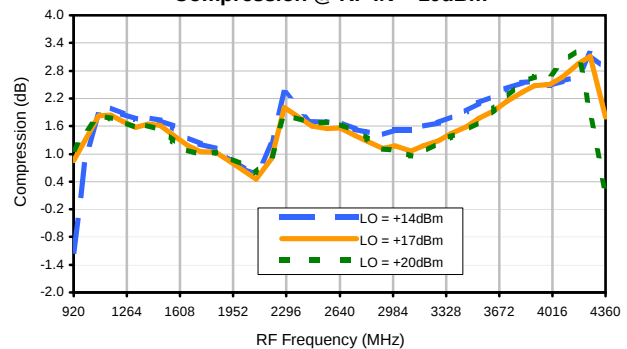
Conversion Loss vs. IF @ RF=2010.1MHz



IP3 Input

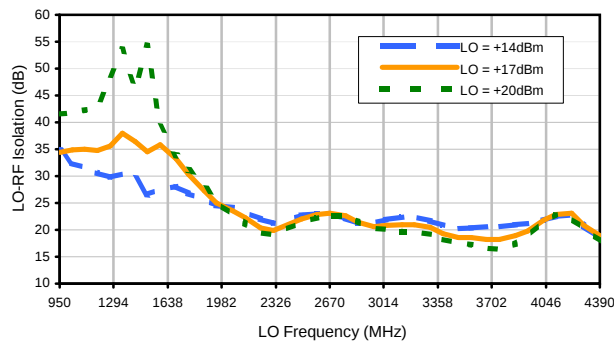


Compression @ RF IN=+10dBm

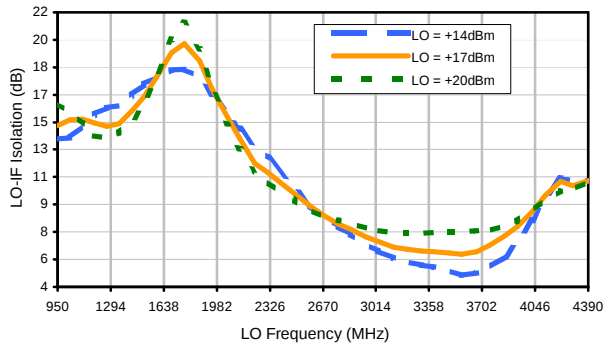


Typical Performance Curves

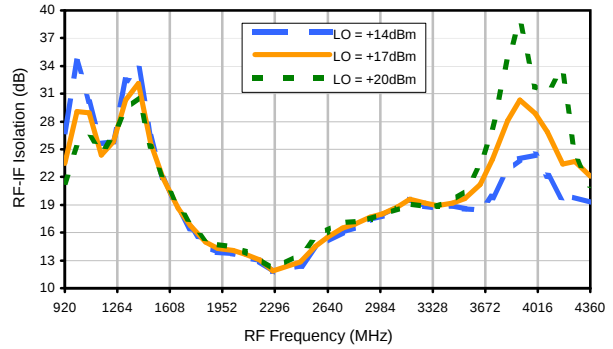
LO-RF Isolation



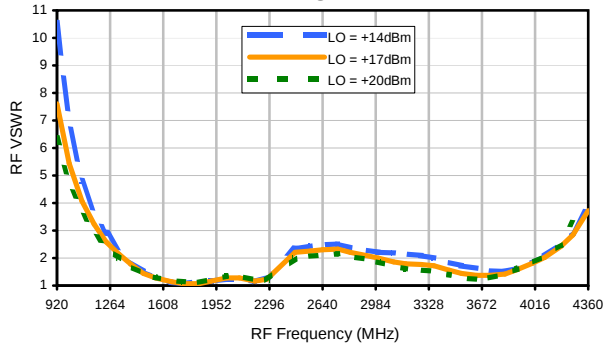
LO-IF Isolation



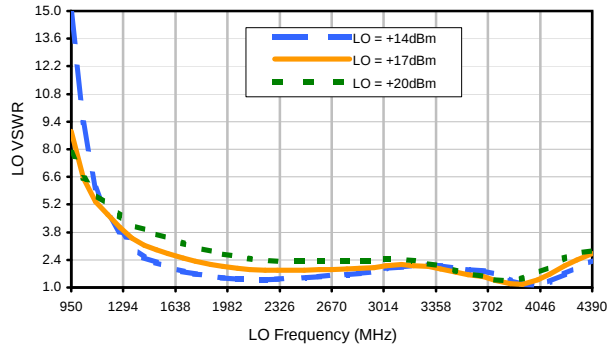
RF-IF Isolation



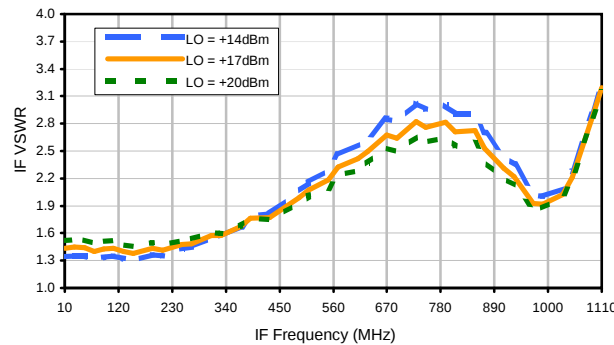
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	9	5	9	17	29	25	32	33	33
1	-	15	+0	44	15	36	29	54	29	38	42	52
2	67	57	67	36	47	47	41	47	73	52	53	58
3	>90	68	57	75	51	68	54	64	68	67	58	64
4	>90	>80	>80	>80	>80	>80	79	74	79	>80	>80	79
5	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1600 MHz; -5.00 dBm.
LO IN: 1630 MHz; +17.00 dBm
IF OUT: 30 MHz; -10.48 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	20	16	21	27	42	35	50	51	50
1	-	15	+0	48	16	43	30	53	34	42	49	64
2	47	38	62	29	41	34	37	38	57	56	47	63
3	87	45	37	63	37	50	41	50	56	58	48	52
4	>90	53	53	50	69	44	52	50	53	52	64	60
5	>90	73	66	64	63	72	52	64	54	55	68	65
6	>90	74	81	79	72	67	83	67	67	55	66	64
7	>90	81	>89	83	76	75	73	>89	67	83	61	64
8	>90	87	81	86	>89	78	88	80	>89	77	75	64
9	>90	>89	>89	88	>89	>89	>89	>89	>89	86	79	84
10	>90	>89	>89	>89	>89	>89	>89	86	>89	>89	>89	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1600 MHz; 5.00 dBm.
LO IN: 1630 MHz; +17.00 dBm
IF OUT: 30 MHz; -0.75 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.