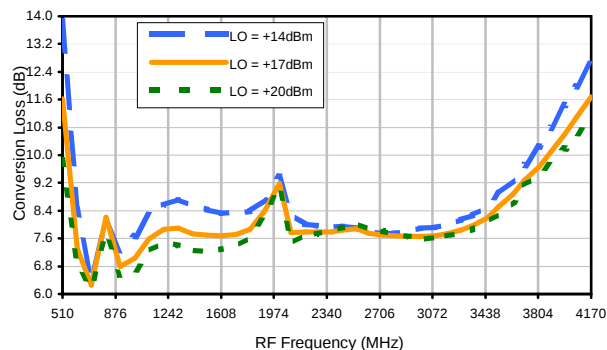
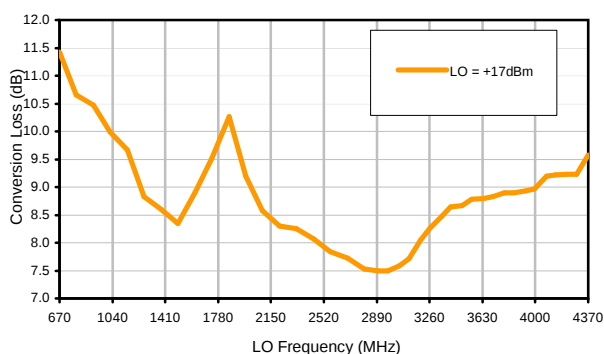


Typical Performance Curves

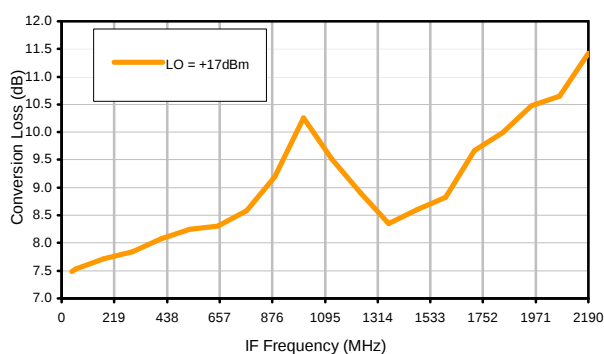
Conversion Loss @ IF=160MHz



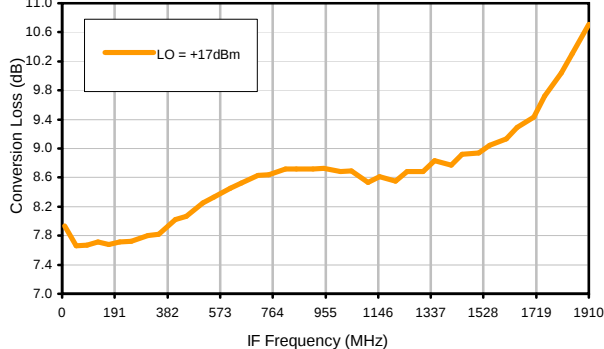
Conversion Loss vs. LO @ RF=2860.1001MHz



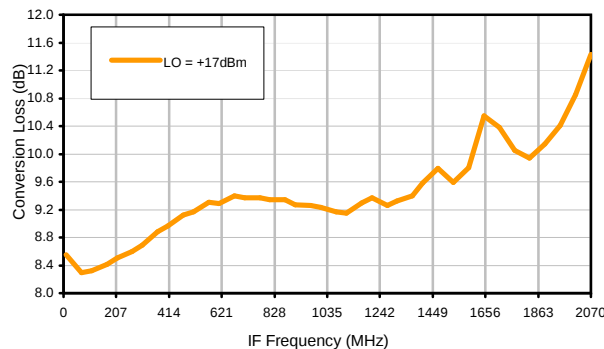
Conversion Loss vs. IF @ RF=2860.1001MHz



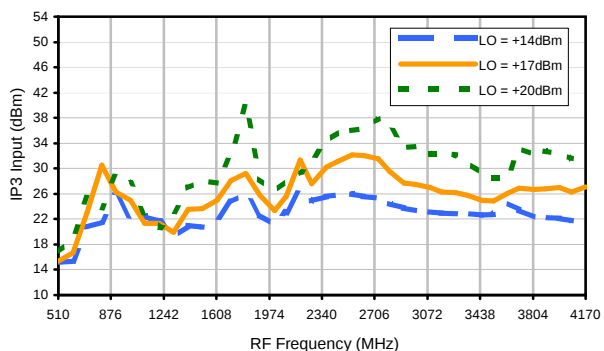
Conversion Loss vs. IF @ RF=2230.1001MHz



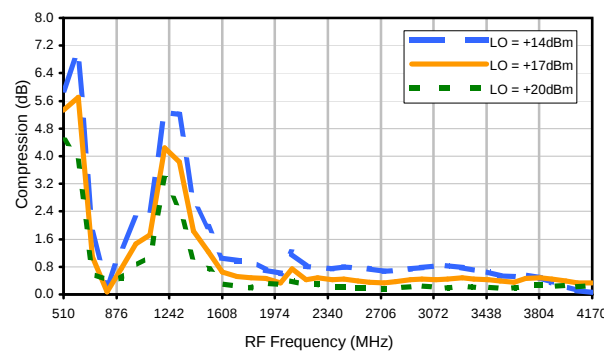
Conversion Loss vs. IF @ RF=3490.1001MHz



IP3 Input

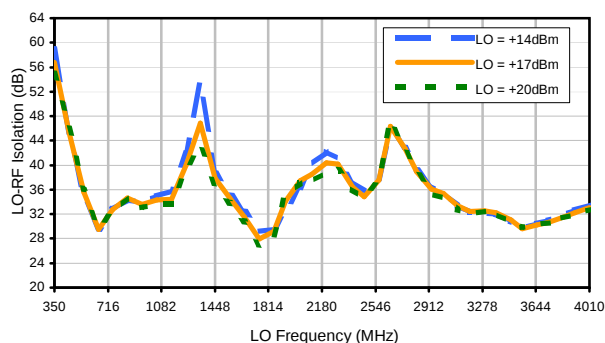


Compression @ RF IN=+17dBm

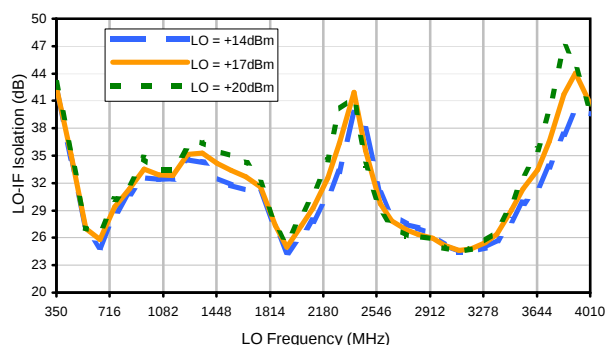


Typical Performance Curves

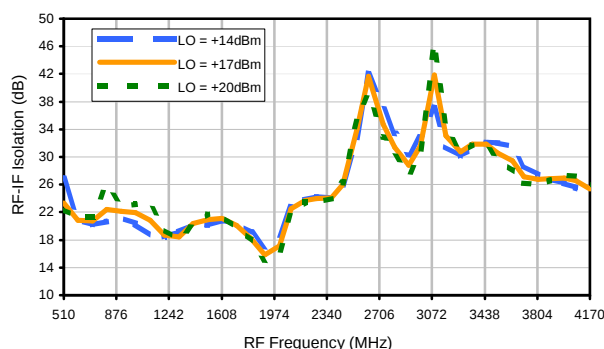
LO-RF Isolation



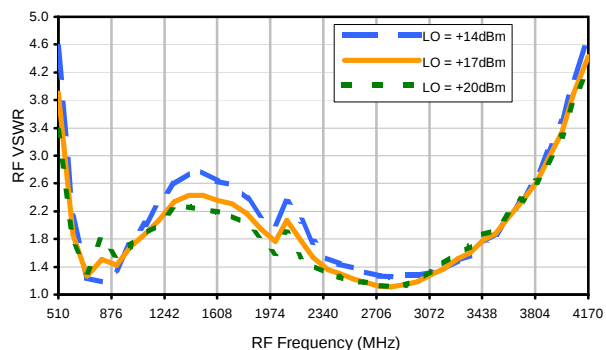
LO-IF Isolation



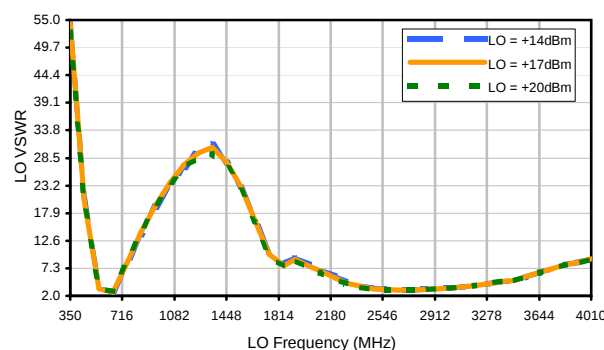
RF-IF Isolation



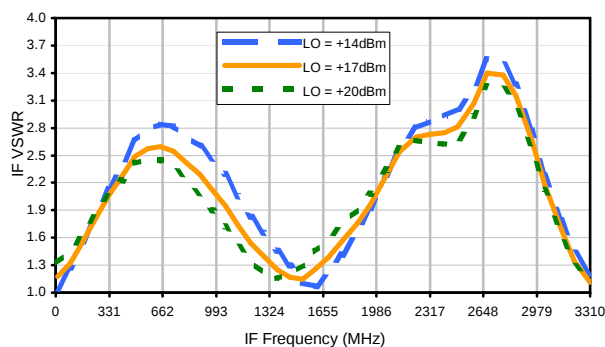
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	15	30	25	36	50	39	53	---	---
1	-	23	+0	30	20	43	36	41	43	52	58	---
2	60	52	49	68	51	51	62	55	76	66	68	66
3	>90	73	60	77	53	74	59	75	69	77	70	81
4	>90	>84	>84	>84	81	79	78	>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	---	---	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	---	---	---	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 2860 MHz; 2.00 dBm.
LO IN: 2700 MHz; +17.00 dBm
IF OUT: 160 MHz; -5.69 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	24	34	42	42	53	52	63	---	---
1	-	22	+0	30	21	47	38	43	48	54	71	---
2	40	43	39	54	43	43	54	49	64	58	65	60
3	62	55	40	70	34	58	42	64	54	71	56	76
4	86	74	66	67	61	60	58	58	69	63	80	71
5	>90	78	75	70	61	80	57	65	60	72	69	82
6	>90	>94	93	88	81	74	71	66	69	82	78	80
7	>90	>94	93	>94	87	84	80	89	68	76	75	76
8	>90	>94	90	>94	93	92	>94	83	93	77	75	83
9	---	---	>94	>94	>94	>94	90	88	81	94	77	87
10	---	---	---	>94	>94	>94	>94	>94	92	>94	91	84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2860 MHz; 12.00 dBm.
LO IN: 2700 MHz; +17.00 dBm
IF OUT: 160 MHz; 4.14 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.