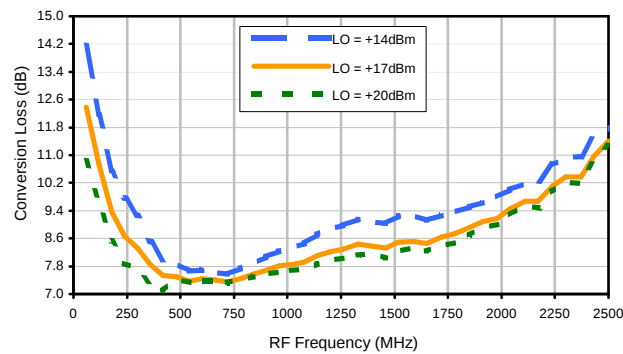
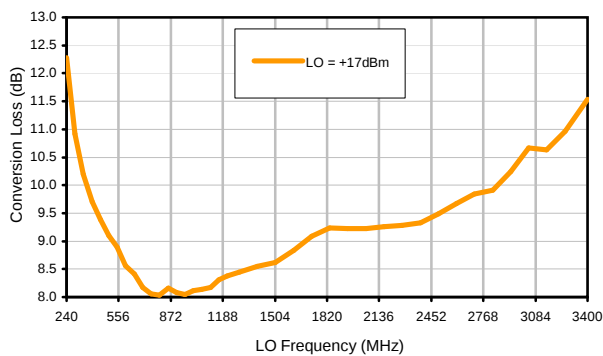


Typical Performance Curves

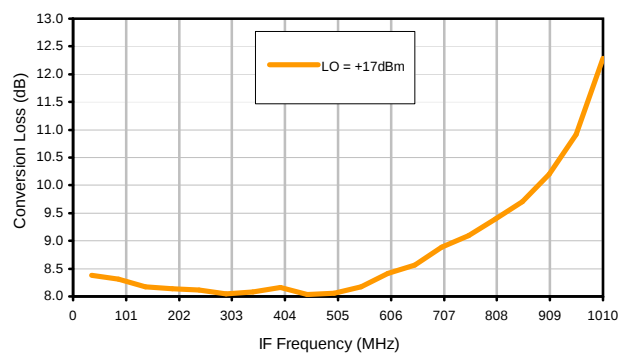
Conversion Loss @ IF=70MHz



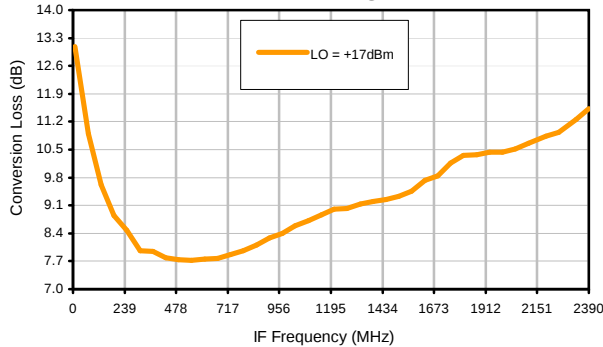
Conversion Loss vs. LO @ RF=1250.1MHz



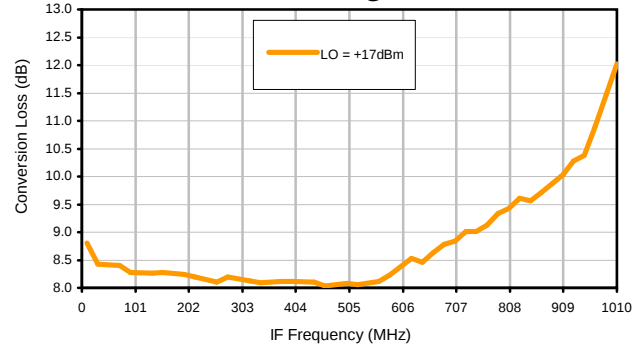
Conversion Loss vs. IF @ RF=1250.1MHz



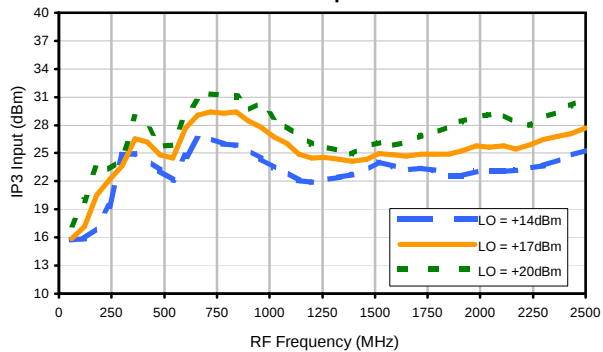
Conversion Loss vs. IF @ RF=110.1MHz



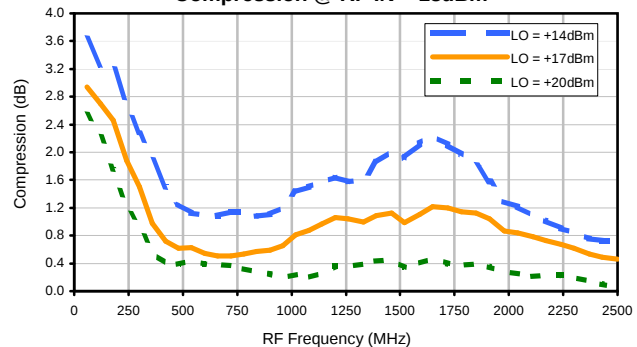
Conversion Loss vs. IF @ RF=1260.1MHz



IP3 Input

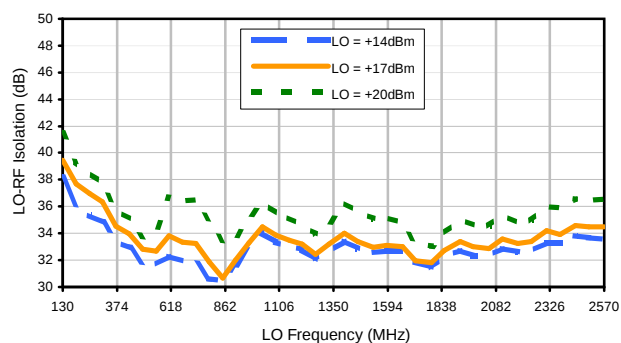


Compression @ RF IN=+18dBm

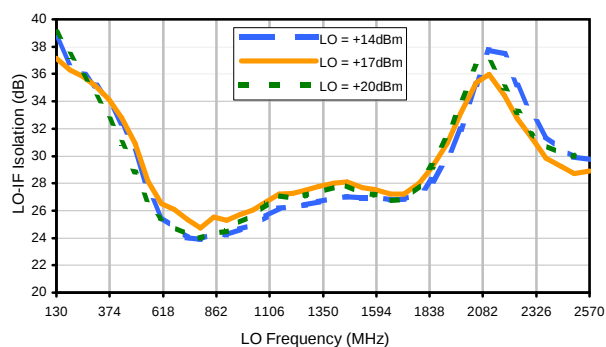


Typical Performance Curves

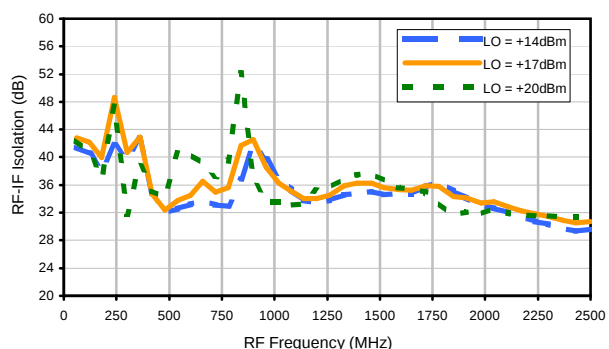
LO-RF Isolation



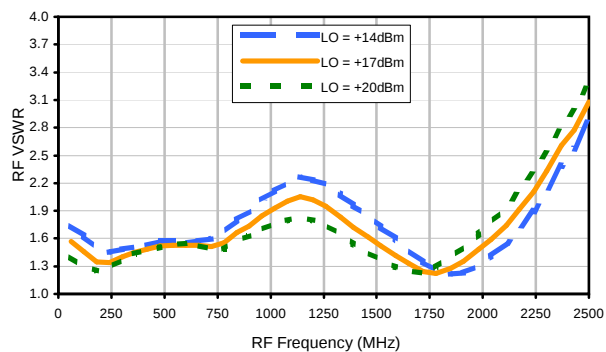
LO-IF Isolation



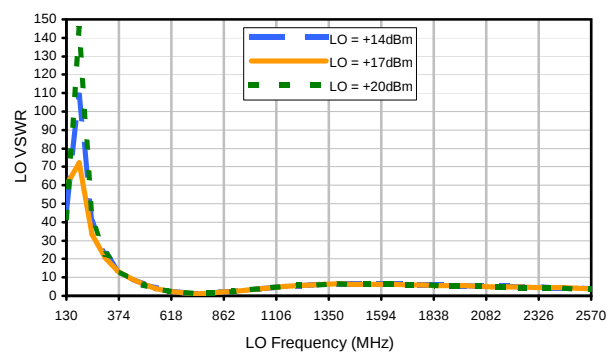
RF-IF Isolation



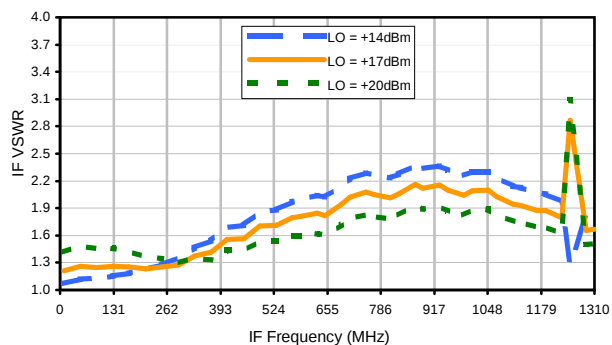
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	23	21	35	30	37	50	55	37	48
1	-	23	+0	30	17	44	30	53	39	53	44	46
2	61	35	41	52	43	44	43	59	54	58	53	63
3	>90	55	46	49	44	46	56	52	58	59	67	60
4	>90	>84	67	76	65	61	69	58	61	81	77	80
5	>90	81	79	77	75	71	67	66	68	70	79	74
6	>90	>84	>84	>84	81	>84	81	74	>84	72	78	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	82	82	>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: 1250 MHz; 3.00 dBm.
LO IN: 1320 MHz; +17.00 dBm
IF OUT: 70 MHz; -5.7 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	29	39	54	48	57	49	55	59	58
1	-	22	+0	29	18	38	33	47	43	55	50	54
2	41	25	31	41	36	48	43	51	50	64	62	57
3	62	36	28	33	30	39	39	54	48	74	58	74
4	81	52	49	64	46	51	48	55	56	64	65	66
5	>90	68	53	54	41	43	42	48	50	62	58	73
6	>90	77	74	66	56	61	58	55	58	61	63	73
7	>90	69	73	79	57	65	49	51	52	56	58	70
8	>90	80	75	81	88	68	64	63	70	60	67	67
9	>90	75	91	87	78	77	61	67	56	57	58	61
10	>90	81	79	>94	84	79	80	77	70	66	74	66
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1250 MHz; 13.00 dBm.
LO IN: 1320 MHz; +17.00 dBm
IF OUT: 70 MHz; 3.83 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.