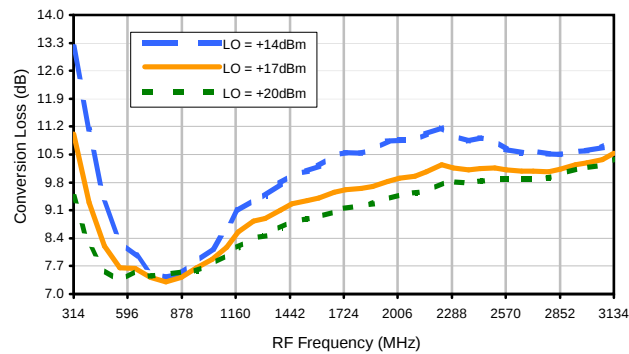
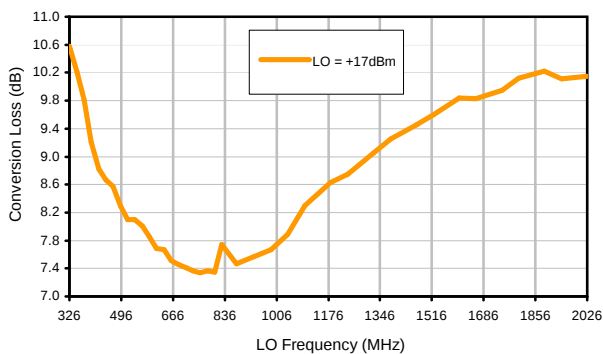


Typical Performance Curves

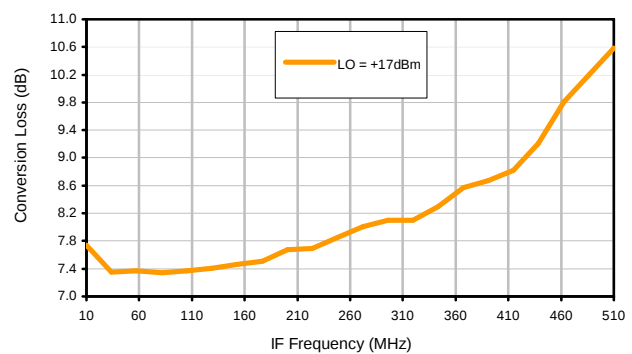
Conversion Loss @ IF=73MHz



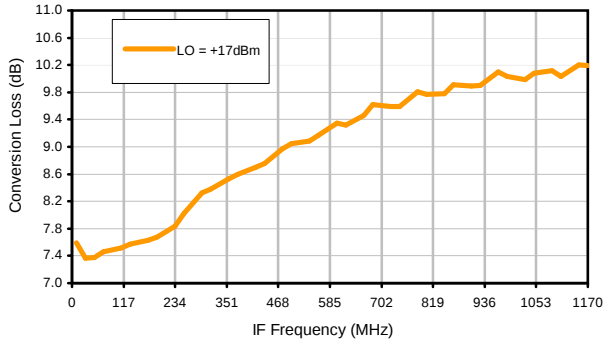
Conversion Loss vs. LO @ RF=836.5MHz



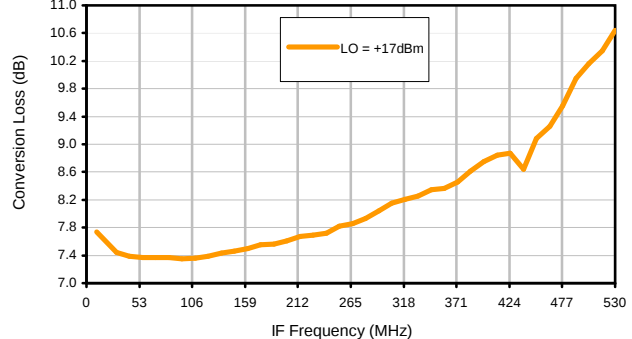
Conversion Loss vs. IF @ RF=836.5MHz



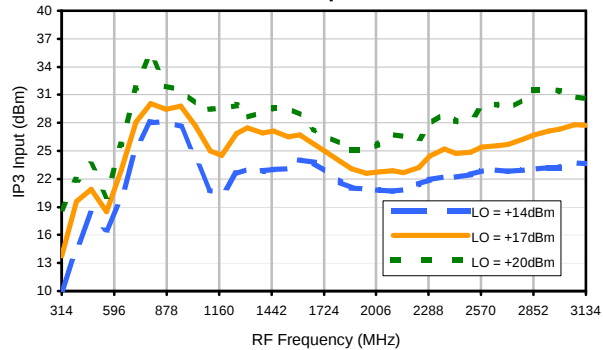
Conversion Loss vs. IF @ RF=803.9MHz



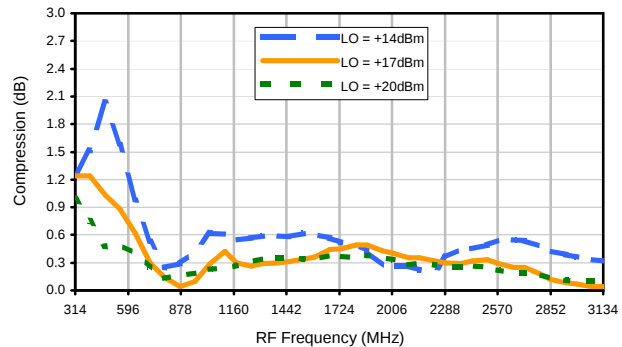
Conversion Loss vs. IF @ RF=869.1MHz



IP3 Input

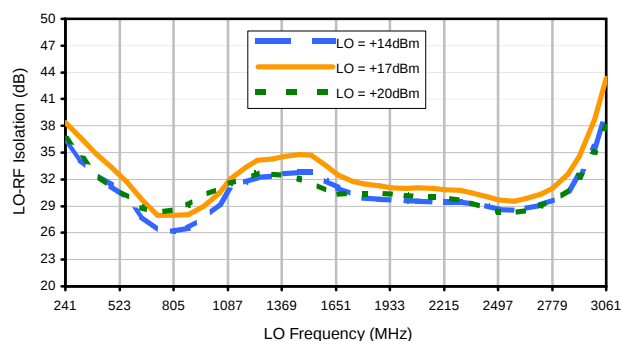


Compression @ RF IN=+14dBm

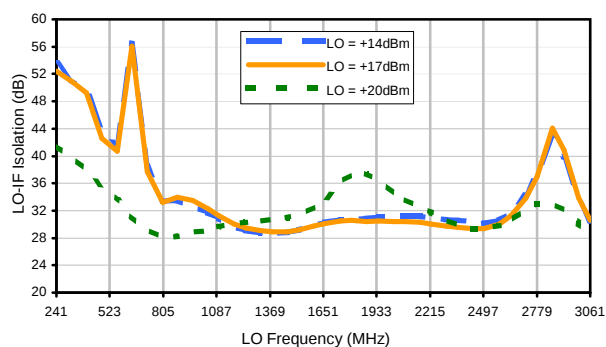


Typical Performance Curves

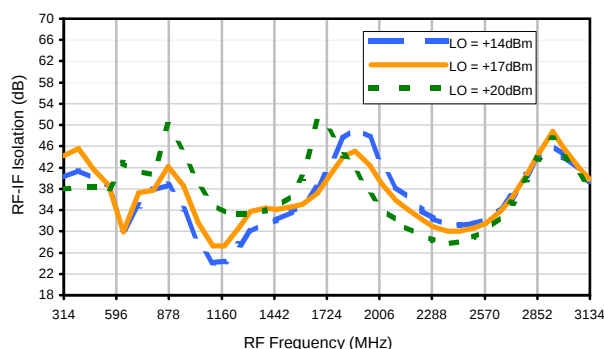
LO-RF Isolation



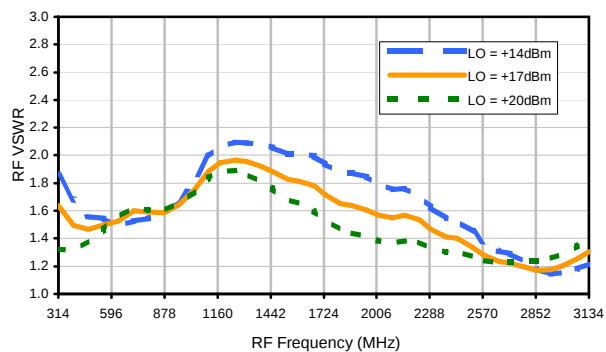
LO-IF Isolation



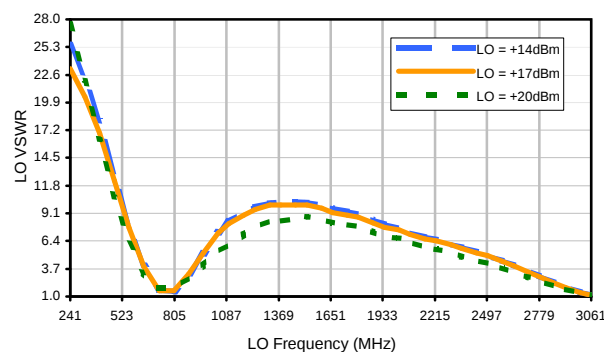
RF-IF Isolation



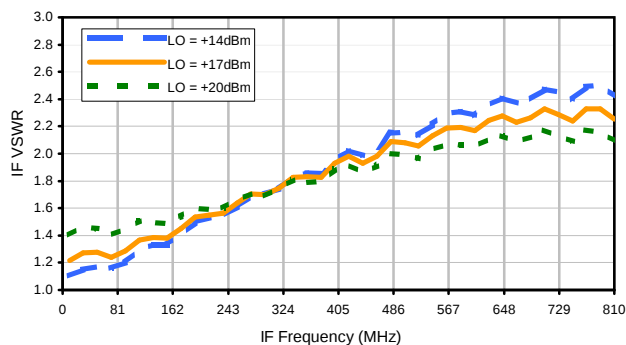
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	8	25	22	31	38	38	44	40	55
1	-	32	+0	32	13	32	25	34	32	37	46	45
2	66	49	56	48	66	50	68	53	64	59	>81	68
3	>90	70	65	68	62	65	62	64	64	67	66	71
4	>90	>81	>81	79	>81	77	80	>81	>81	>81	>81	>81
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 836.5 MHz; -1.00 dBm.
LO IN: 763.5 MHz; +17.00 dBm
IF OUT: 73 MHz; -8.73 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	18	33	31	39	42	49	57	56	66
1	-	33	+0	33	13	33	26	35	35	39	52	46
2	46	41	47	40	61	42	62	46	59	54	75	66
3	68	54	47	53	45	50	45	50	51	54	54	57
4	>90	70	65	64	76	66	73	65	69	62	68	64
5	>90	77	79	80	70	69	66	65	64	63	66	67
6	>90	83	80	80	78	75	79	78	77	78	81	80
7	>90	>91	>91	>91	87	90	82	78	79	76	76	74
8	>90	>91	>91	>91	91	90	88	86	85	85	84	84
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	87	90	84
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	89	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 836.5 MHz; 9.00 dBm.
LO IN: 763.5 MHz; +17.00 dBm
IF OUT: 73 MHz; 1.24 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.