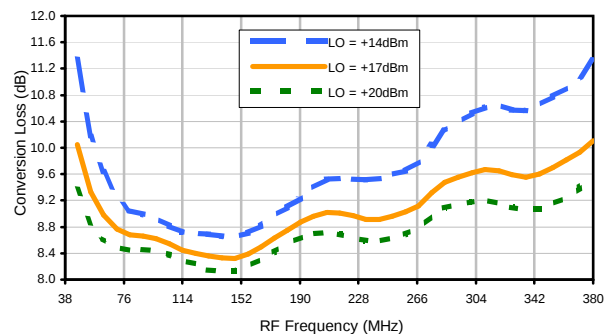
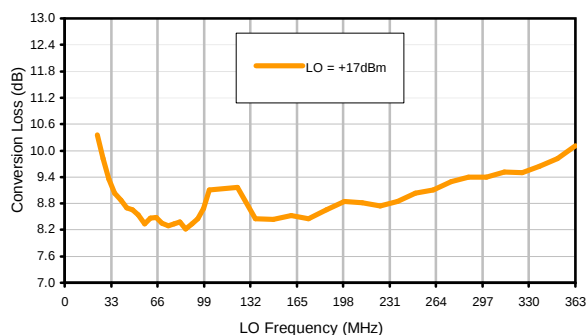


Typical Performance Curves

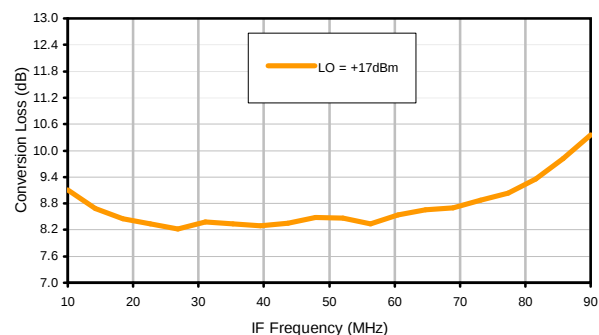
Conversion Loss @ IF=20.4MHz



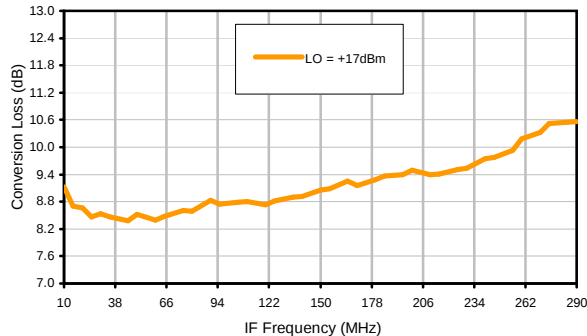
Conversion Loss vs. LO @ RF=113MHz



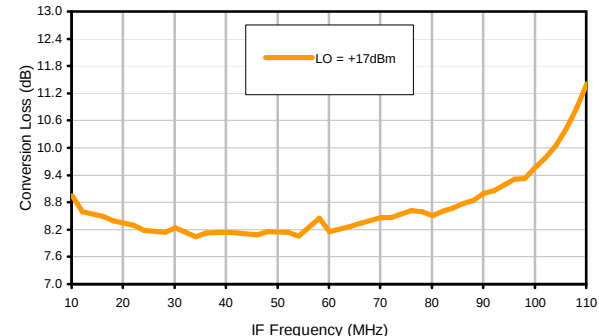
Conversion Loss vs. IF @ RF=113MHz



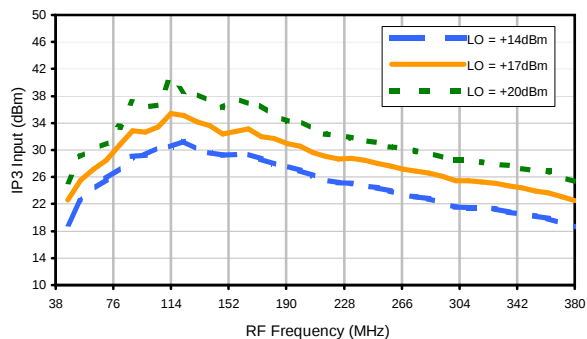
Conversion Loss vs. IF @ RF=97.9MHz



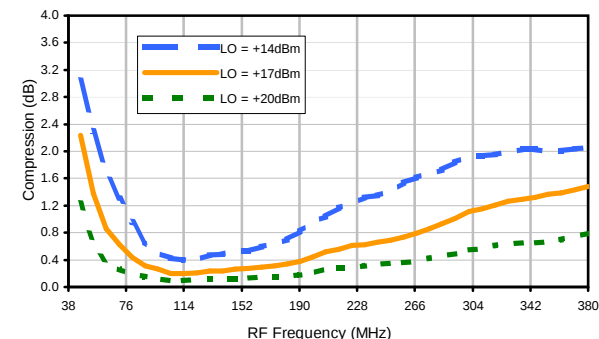
Conversion Loss vs. IF @ RF=128.1MHz



IP3 Input

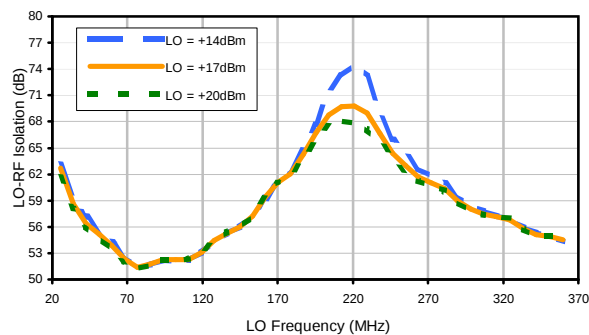


Compression @ RF IN=+19dBm

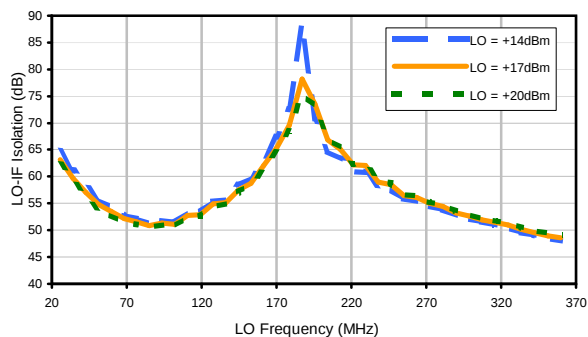


Typical Performance Curves

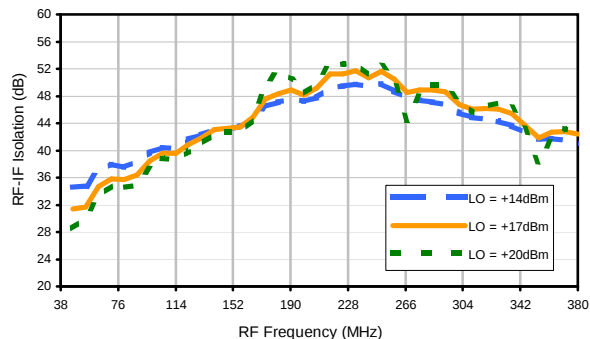
LO-RF Isolation



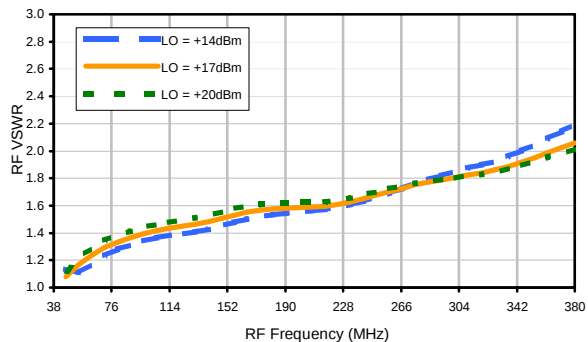
LO-IF Isolation



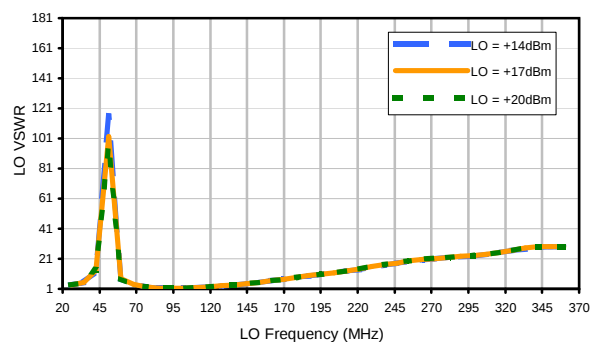
RF-IF Isolation



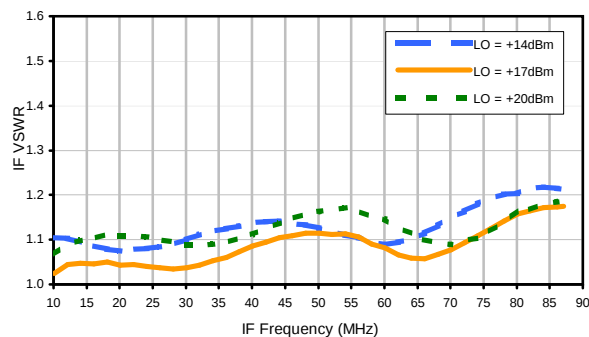
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	24	21	31	31	35	37	38	41	40	45
	1	-	34	+0	55	11	58	16	63	20	66	24	68
	2	76	74	57	61	53	58	52	56	53	55	52	54
	3	>90	78	71	73	63	74	63	75	63	74	62	73
	4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	5	>90	>81	>81	>81	>81	>81	79	>81	79	>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	80	>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: 113 MHz; 0.00 dBm.
LO IN: 92.6 MHz; +17.00 dBm
IF OUT: 20.4 MHz; -8.7 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	24	31	37	41	37	43	37	43	37	44
	1	-	34	+0	53	11	57	17	53	22	52	26	52
	2	56	64	46	50	42	47	41	46	42	45	41	45
	3	85	67	55	62	49	60	47	59	47	60	47	60
	4	>90	85	73	75	70	74	71	77	76	79	79	82
	5	>90	78	73	76	70	75	67	75	66	73	65	73
	6	>90	79	78	80	79	80	79	80	81	78	78	80
	7	>90	84	78	86	79	86	78	84	75	83	75	84
	8	>90	86	85	87	87	>91	86	87	86	89	85	86
	9	>90	>91	85	>91	85	>91	86	>91	87	>91	85	91
	10	>90	>91	>91	>91	>91	>91	90	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 113 MHz; 10.00 dBm.
LO IN: 92.6 MHz; +17.00 dBm
IF OUT: 20.4 MHz; 1.26 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.