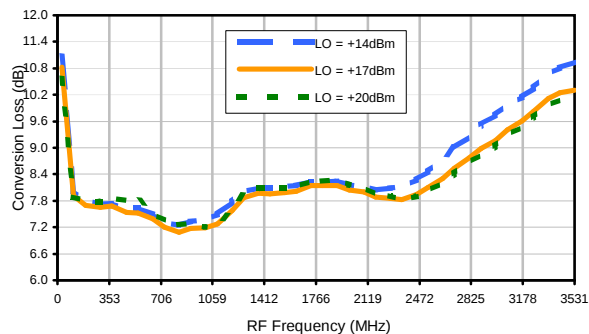
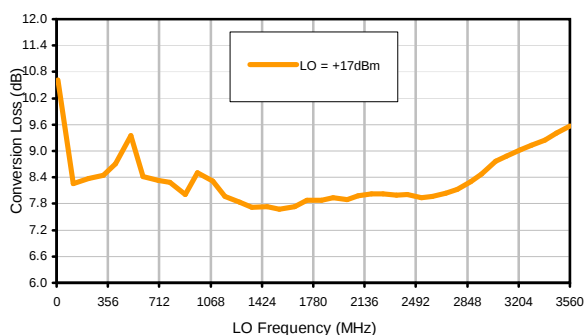


Typical Performance Curves

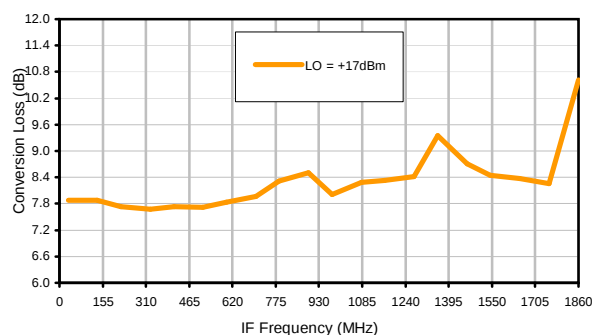
Conversion Loss @ IF=479MHz



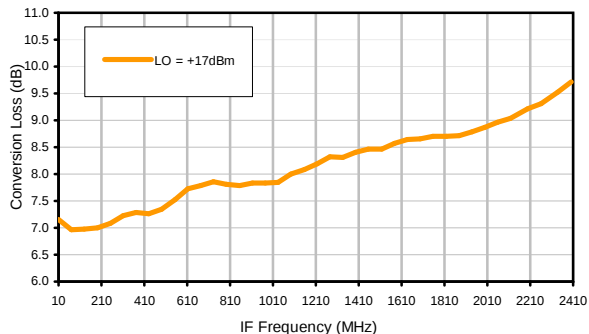
Conversion Loss vs. LO @ RF=1870MHz



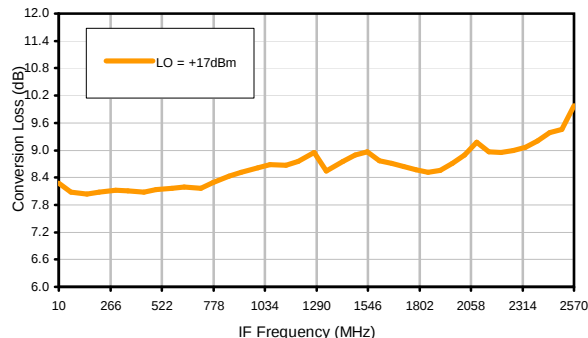
Conversion Loss vs. IF @ RF=1870MHz



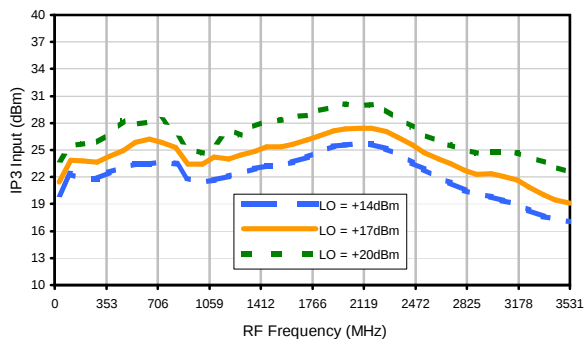
Conversion Loss vs. IF @ RF=1130.9MHz



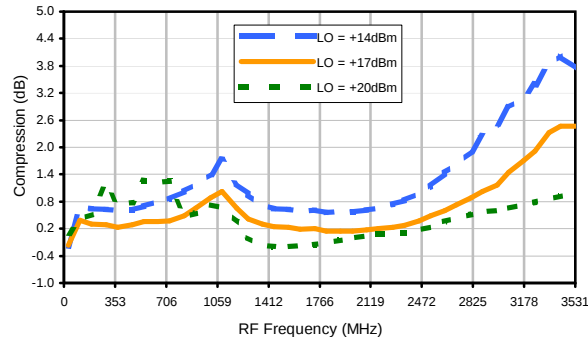
Conversion Loss vs. IF @ RF=2610.1MHz



IP3 Input

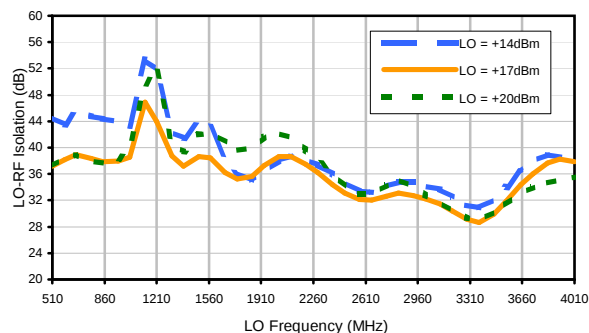


Compression @ RF IN=+15dBm

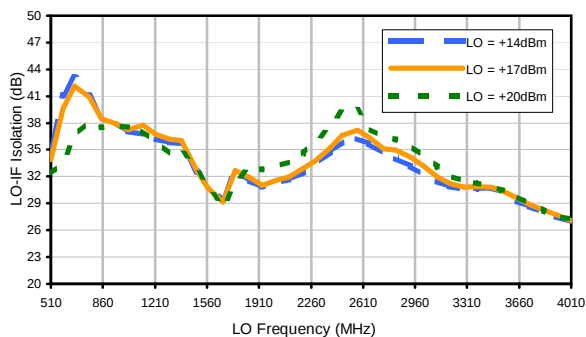


Typical Performance Curves

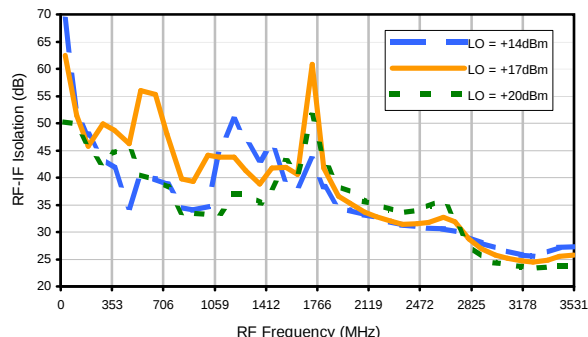
LO-RF Isolation



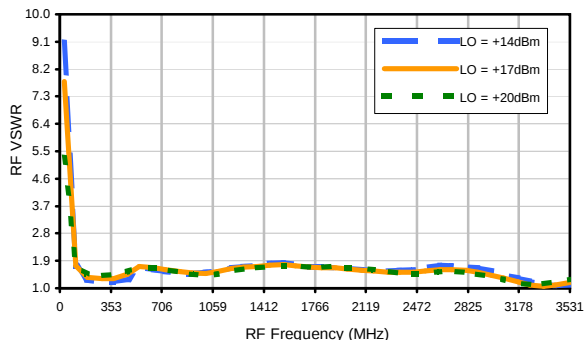
LO-IF Isolation



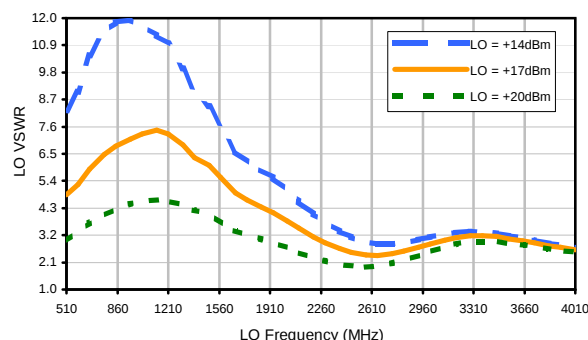
RF-IF Isolation



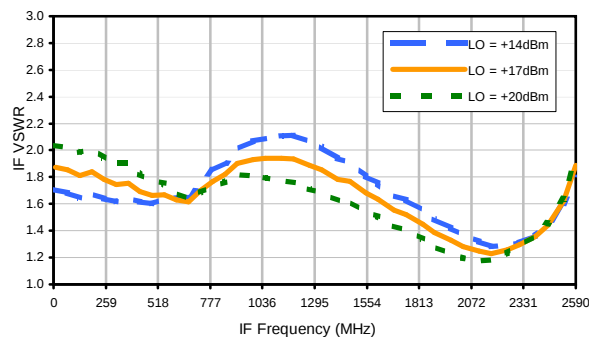
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	11	13	22	25	36	42	48	54	63	64
	1	-	29	+0	40	17	33	38	47	44	58	51	68
	2	59	57	53	55	50	64	59	51	63	71	74	81
	3	>90	73	56	68	53	71	61	73	75	>81	75	>81
	4	>90	>81	>81	>81	78	>81	81	>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: 1870 MHz; 0.00 dBm.
LO IN: 2349 MHz; +17.00 dBm
IF OUT: 479 MHz; -8.63 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	20	23	34	32	51	45	61	61	78	60
	1	-	29	+0	41	18	34	40	53	50	62	61	73
	2	39	45	42	46	40	62	51	44	58	66	69	78
	3	65	58	38	52	35	54	42	59	55	81	58	86
	4	88	68	60	62	52	71	54	70	64	66	69	89
	5	>90	76	68	77	61	68	54	68	67	68	74	73
	6	>90	85	87	89	73	76	65	72	65	78	78	77
	7	>90	>91	>91	89	82	84	73	78	75	80	83	79
	8	>90	>91	>91	>91	>91	>91	82	82	76	84	82	89
	9	>90	>91	>91	>91	>91	>91	91	>91	85	87	89	>91
	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: 1870 MHz; 10.00 dBm.
LO IN: 2349 MHz; +17.00 dBm
IF OUT: 479 MHz; 1.29 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.