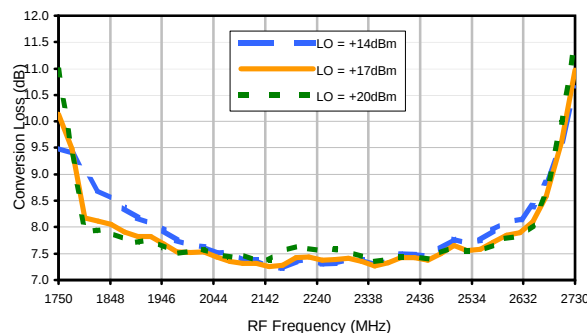
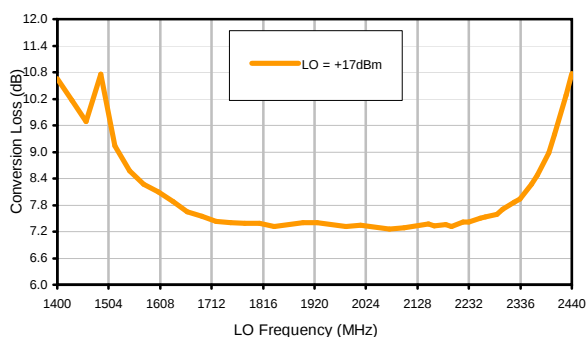


Typical Performance Curves

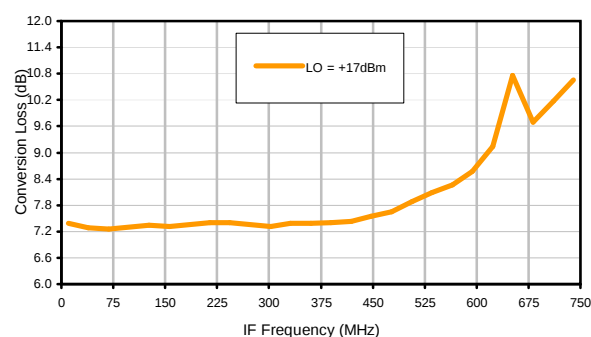
Conversion Loss @ IF=270MHz



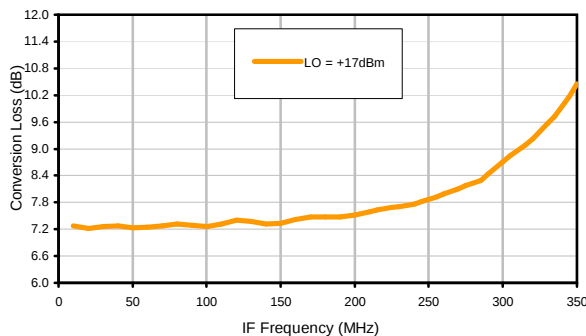
Conversion Loss vs. LO @ RF=2140MHz



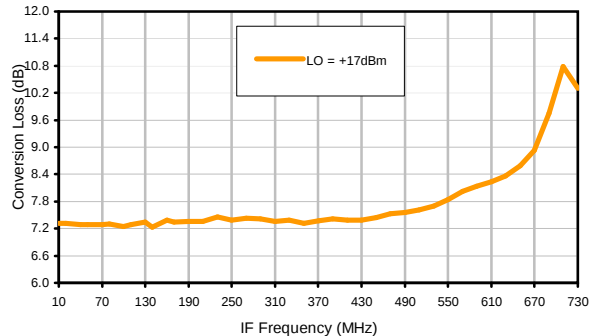
Conversion Loss vs. IF @ RF=2140MHz



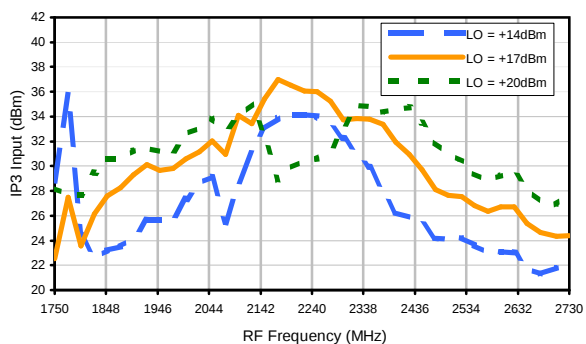
Conversion Loss vs. IF @ RF=2079.8MHz



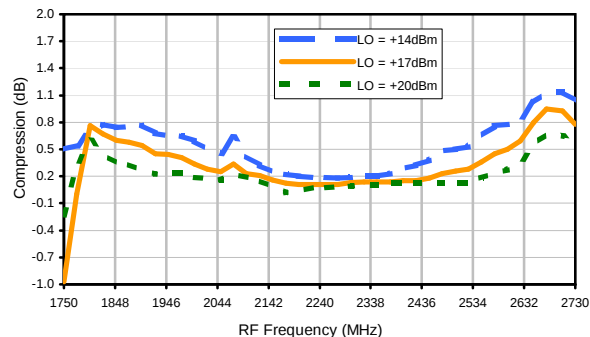
Conversion Loss vs. IF @ RF=2200.1MHz



IP3 Input

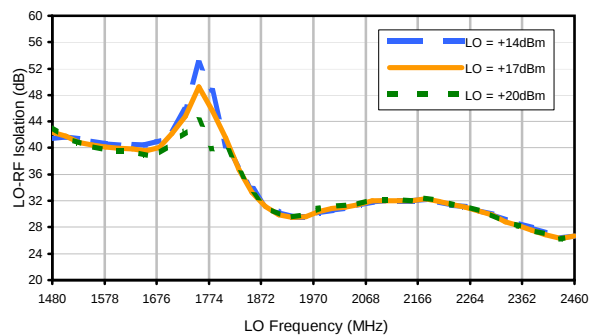


Compression @ RF IN=+17dBm

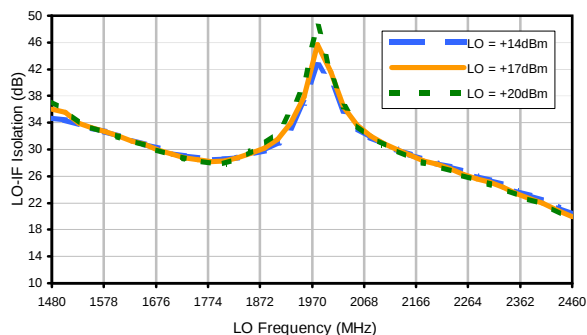


Typical Performance Curves

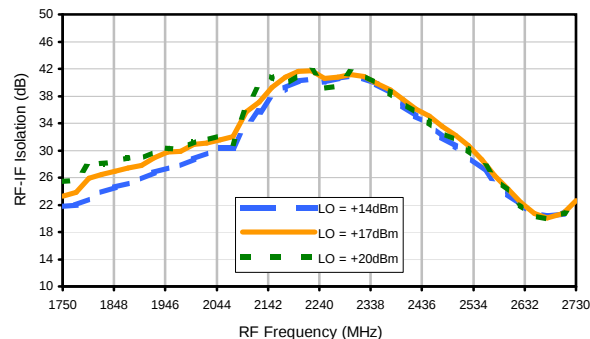
LO-RF Isolation



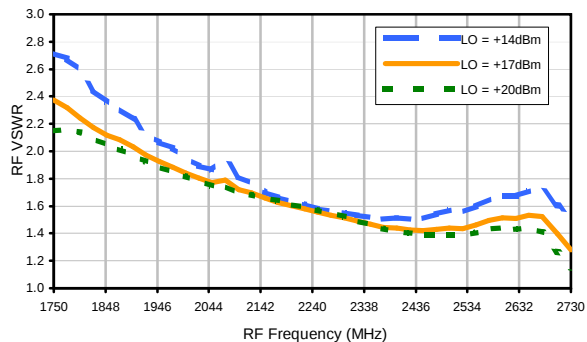
LO-IF Isolation



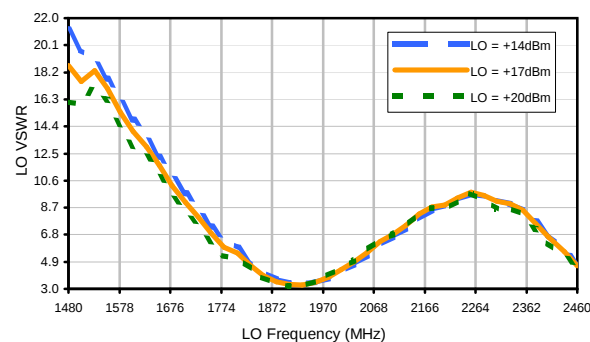
RF-IF Isolation



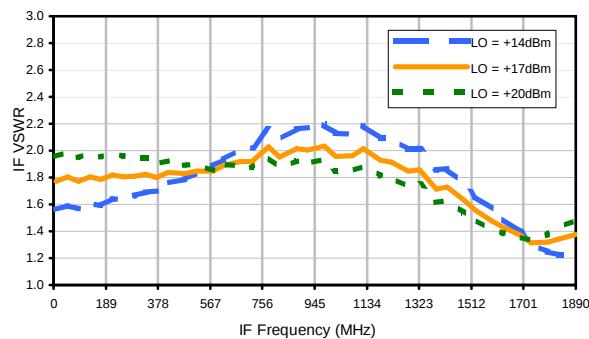
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	5	14	30	27	32	32	28	38	42	58
	1	-	31	+0	39	19	46	31	55	54	54	51	69
	2	58	56	54	69	56	66	60	61	63	66	71	80
	3	>90	>81	75	>81	69	>81	76	>81	75	>81	>81	>81
	4	>90	>81	>81	>81	>81	>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: 2140 MHz; 0.00 dBm.
LO IN: 1870 MHz; +17.00 dBm
IF OUT: 270 MHz; -8.61 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	15	24	43	38	43	40	39	50	54	77
	1	-	31	+0	38	19	48	32	55	54	53	54	70
	2	38	46	44	56	46	54	50	51	55	55	61	70
	3	65	65	52	81	47	66	53	75	53	74	77	69
	4	>90	77	72	88	70	82	66	76	71	>91	73	79
	5	>90	87	89	81	75	89	71	77	72	80	75	84
	6	>90	>91	>91	>91	89	>91	87	>91	80	>91	84	>91
	7	>90	>91	>91	>91	>91	>91	91	>91	85	89	84	>91
	8	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	9	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	10	>90	>91	>91	>91	>91	>91	>91	>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: 2140 MHz; 10.00 dBm.
LO IN: 1870 MHz; +17.00 dBm
IF OUT: 270 MHz; 1.27 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.