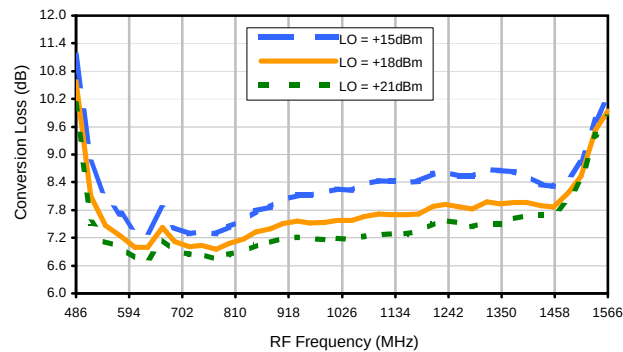
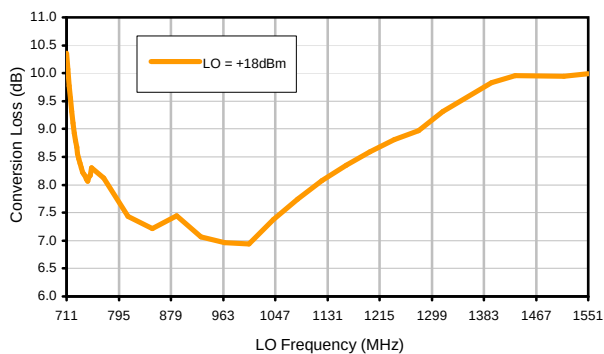


Typical Performance Curves

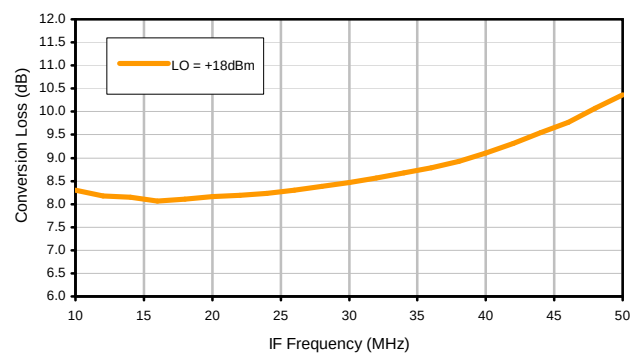
Conversion Loss @ IF=220MHz



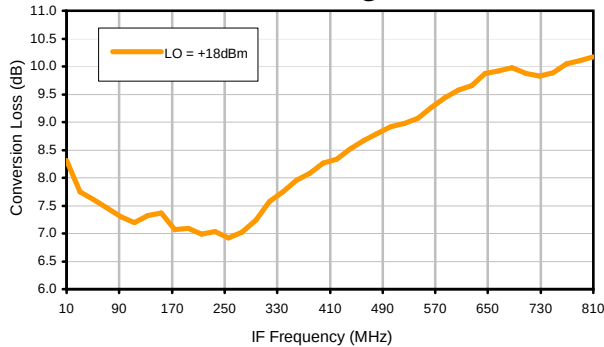
Conversion Loss vs. LO @ RF=761MHz



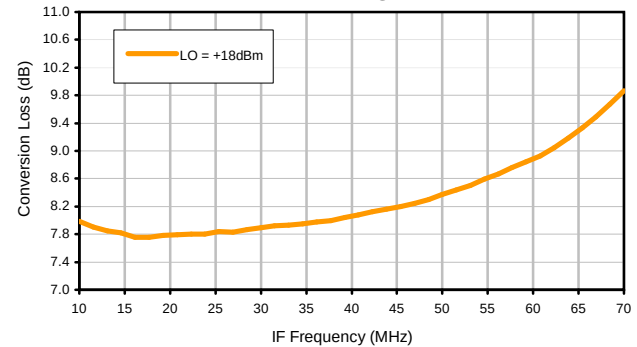
Conversion Loss vs. IF @ RF=761MHz



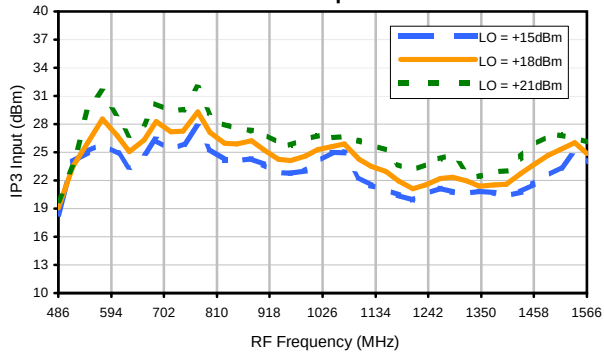
Conversion Loss vs. IF @ RF=735.9MHz



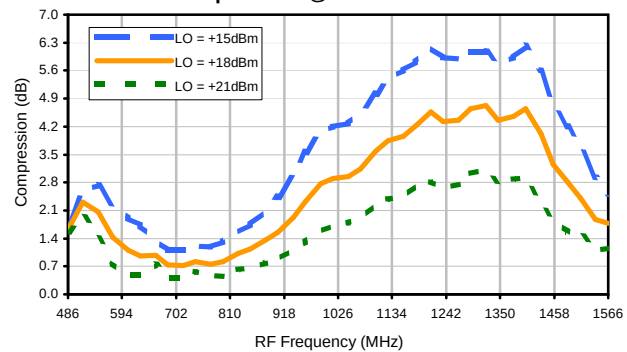
Conversion Loss vs. IF @ RF=786.1MHz



IP3 Input

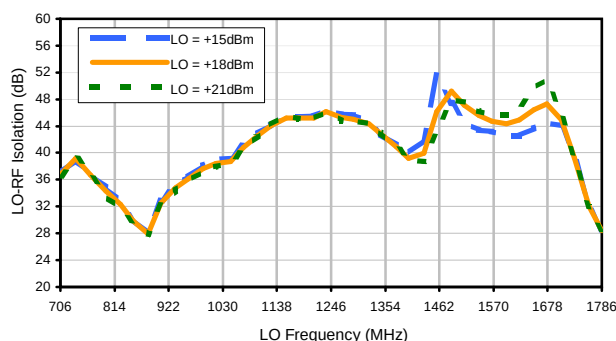


Compression @ RF IN=+20dBm

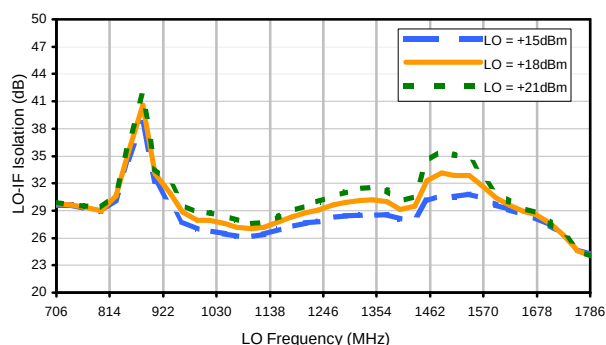


Typical Performance Curves

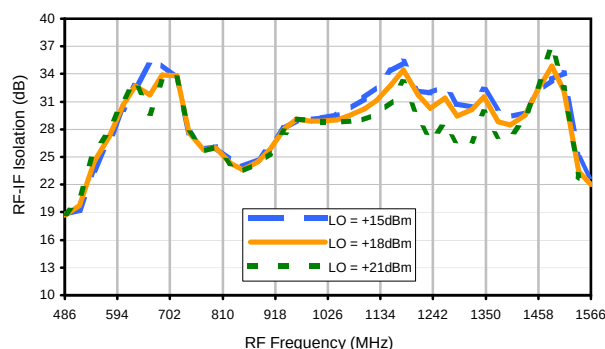
LO-RF Isolation



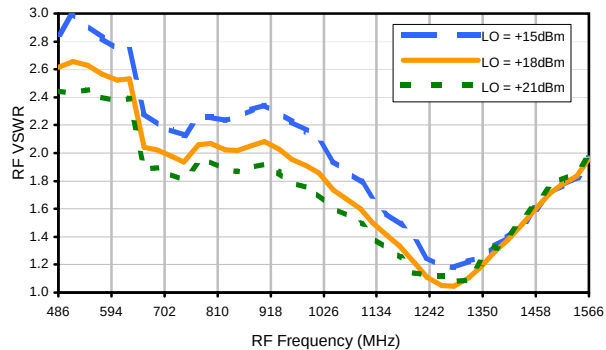
LO-IF Isolation



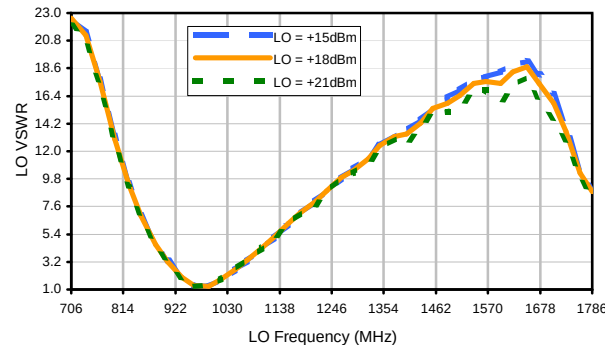
RF-IF Isolation



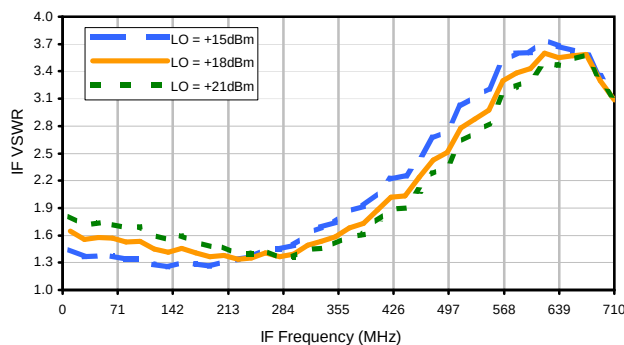
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	27	32	22	42	35	40	38	40	43
1	-	19	+0	23	15	28	31	35	34	38	44	40
2	52	50	44	58	51	46	48	47	53	47	56	55
3	80	66	53	58	49	57	51	57	55	61	58	81
4	>90	77	72	74	72	80	76	79	71	78	69	81
5	>90	88	>88	83	85	78	85	79	83	83	84	86
6	>90	>88	>88	>88	>88	85	>88	87	87	>88	>88	>88
7	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
8	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 761 MHz; 5.00 dBm.
LO IN: 981 MHz; +18.00 dBm
IF OUT: 220 MHz; -2.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	32	33	34	47	33	44	39	49	46
1	-	19	+0	22	18	28	38	37	59	40	55	47
2	32	45	33	52	47	35	45	41	64	43	52	56
3	50	51	36	42	32	45	37	54	47	58	53	57
4	71	54	53	49	54	50	61	57	63	55	63	57
5	>90	68	57	58	51	49	45	51	51	62	60	67
6	>90	69	70	68	63	62	57	60	63	81	74	72
7	>90	74	68	70	64	63	55	56	55	59	67	70
8	>90	>98	85	93	93	74	64	73	63	69	69	71
9	>90	80	85	77	78	79	67	72	64	60	66	67
10	>90	85	82	90	87	87	88	80	70	70	66	69
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 761 MHz; 15.00 dBm.
LO IN: 981 MHz; +18.00 dBm
IF OUT: 220 MHz; 7.67 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.