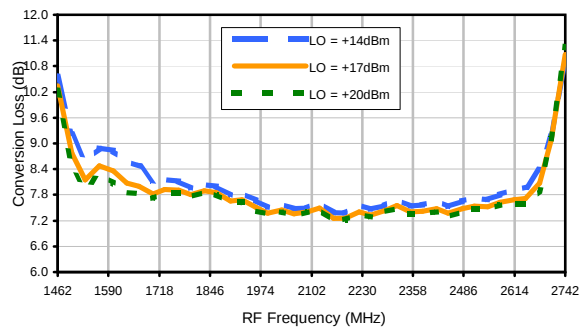
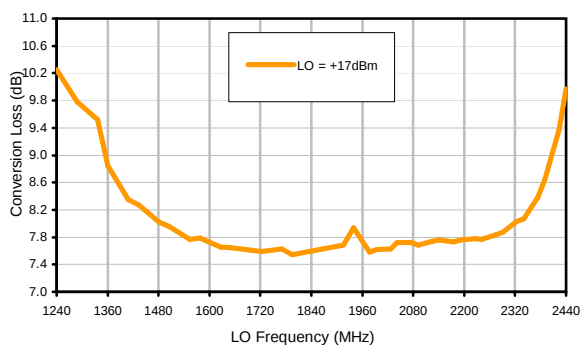


Typical Performance Curves

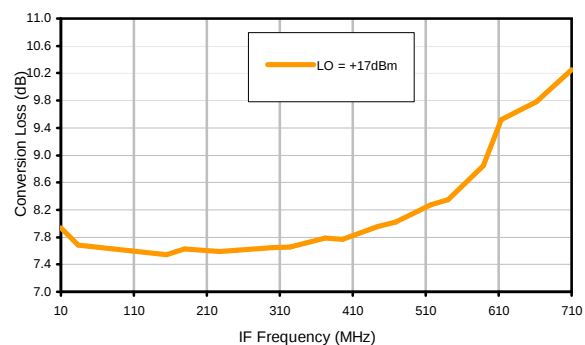
Conversion Loss @ IF=262MHz



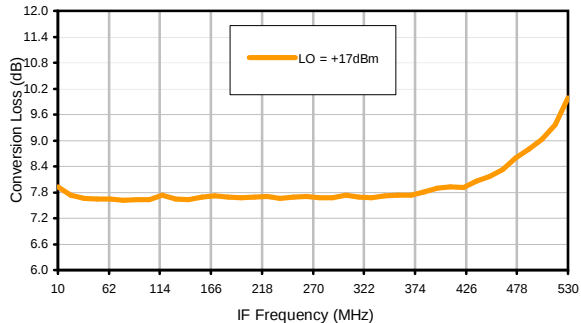
Conversion Loss vs. LO @ RF=1950MHz



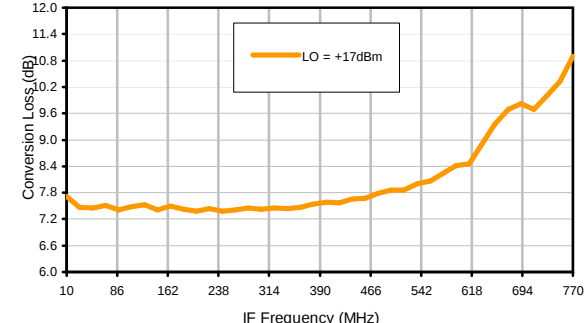
Conversion Loss vs. IF @ RF=1950MHz



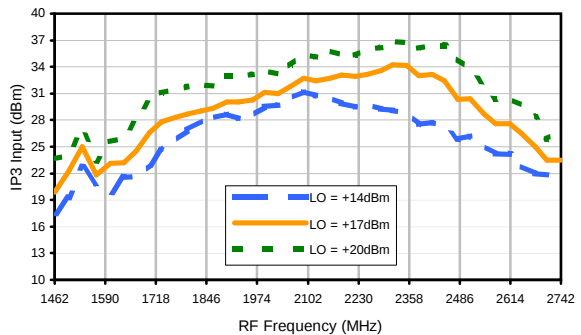
Conversion Loss vs. IF @ RF=1909.9MHz



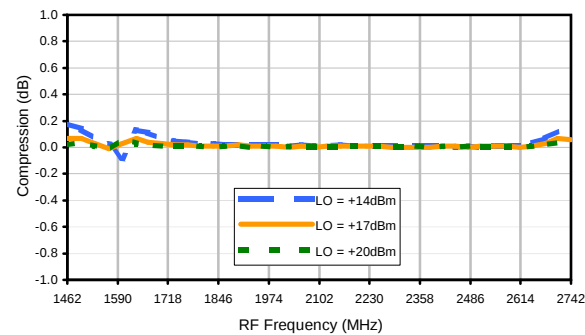
Conversion Loss vs. IF @ RF=1990.1MHz



IP3 Input

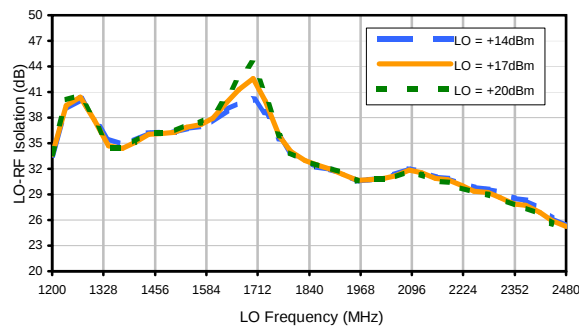


Compression @ RF IN=+2dBm

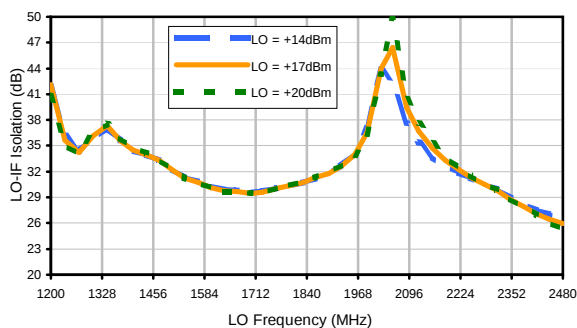


Typical Performance Curves

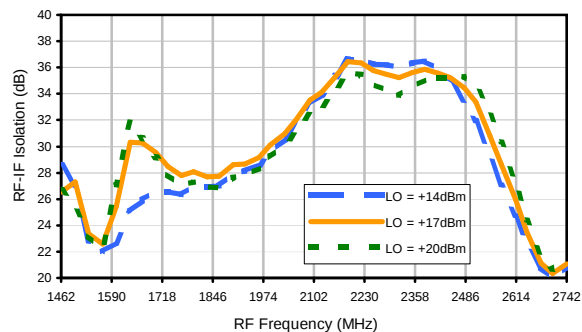
LO-RF Isolation



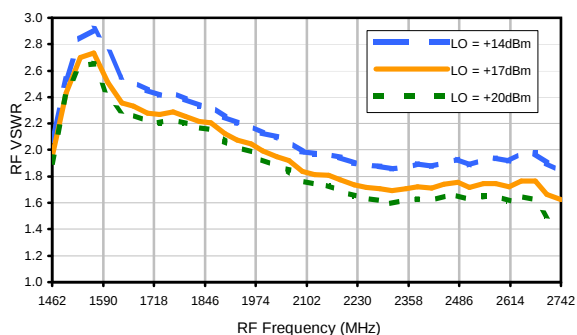
LO-IF Isolation



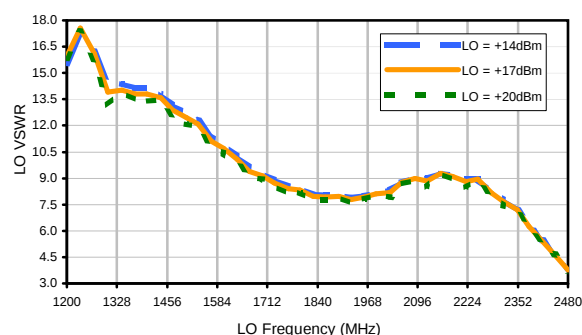
RF-IF Isolation



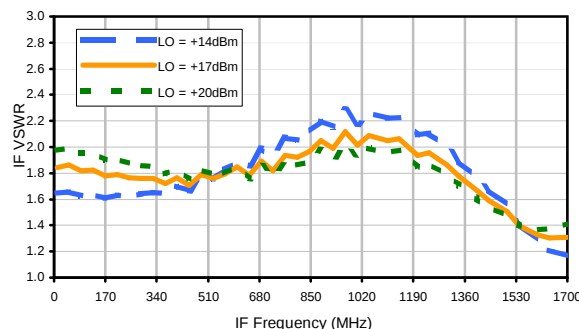
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	7	18	22	33	29	48	34	39	47	70
1	-	21	+0	30	18	38	28	50	45	64	53	59
2	55	56	51	58	55	64	55	58	58	61	65	62
3	88	68	62	71	53	66	59	83	63	77	78	74
4	>90	>84	>84	>84	82	84	75	>84	81	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1950 MHz; 2.00 dBm.

LO IN: 1688 MHz; +17.00 dBm

IF OUT: 262 MHz; -5.73 dBm

RF HARMONICS ORDER	(-dBm)		(-dBc)									
	0	1	2	3	4	5	6	7	8	9	10	11
0	-	-	16	28	36	35	37	45	44	55	57	69
1	-	21	+0	30	19	39	30	50	48	60	66	61
2	35	44	42	50	51	54	46	49	51	54	59	60
3	59	50	42	52	35	49	40	53	47	58	61	61
4	81	72	60	66	62	57	55	61	69	62	71	73
5	>90	80	72	67	63	67	56	59	57	71	61	72
6	>90	90	84	84	70	79	68	73	62	67	70	72
7	>90	>94	89	>94	>94	76	75	74	67	67	76	78
8	>90	91	>94	>94	>94	>94	79	84	79	85	70	91
9	>90	>94	>94	>94	>94	>94	>94	86	87	83	80	75
10	>90	>94	>94	>94	>94	>94	>94	>94	94	89	87	89
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1950 MHz; 12.00 dBm.

LO IN: 1688 MHz; +17.00 dBm

IF OUT: 262 MHz; 4.21 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.