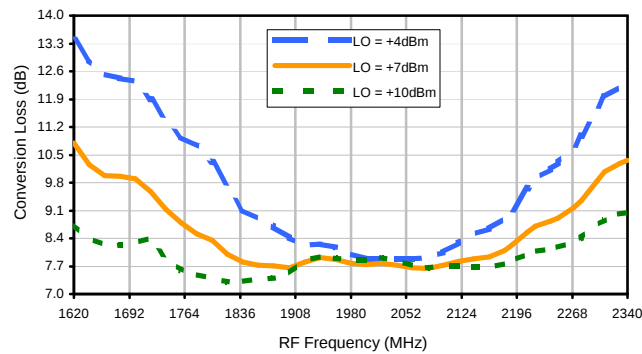
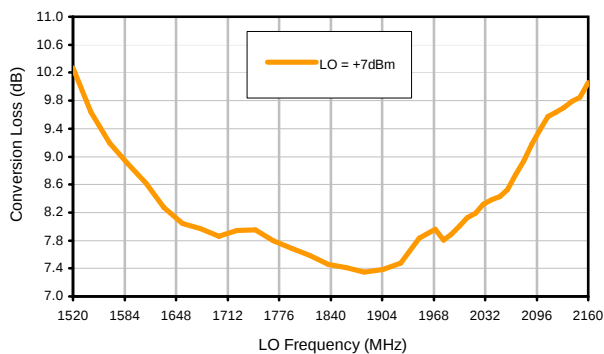


Typical Performance Curves

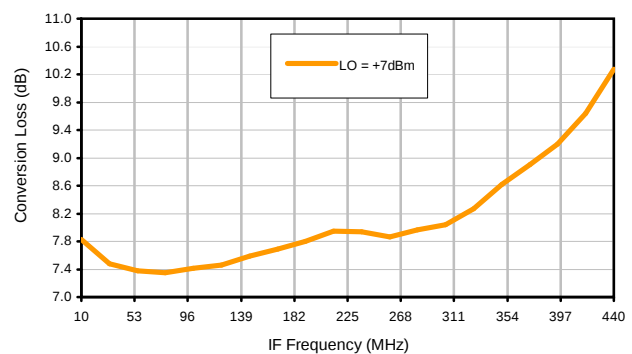
Conversion Loss @ IF=199MHz



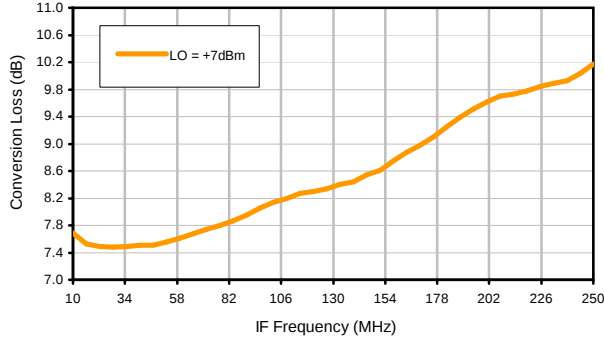
Conversion Loss vs. LO @ RF=1960MHz



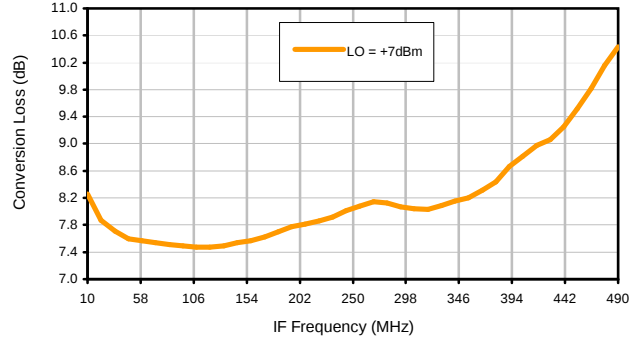
Conversion Loss vs. IF @ RF=1960MHz



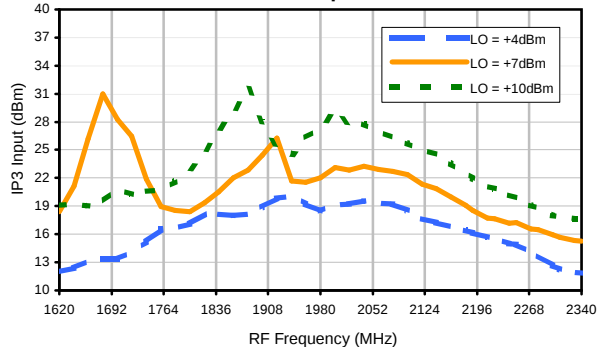
Conversion Loss vs. IF @ RF=1909.9MHz



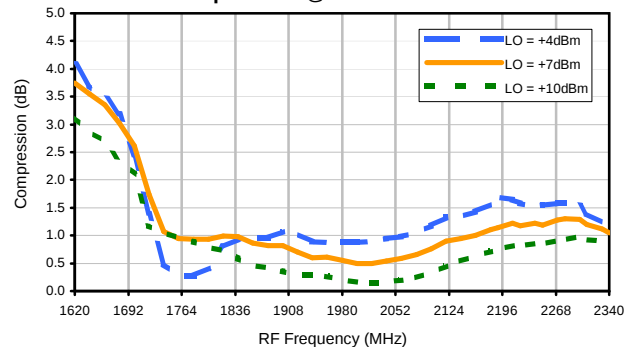
Conversion Loss vs. IF @ RF=2010.1MHz



IP3 Input

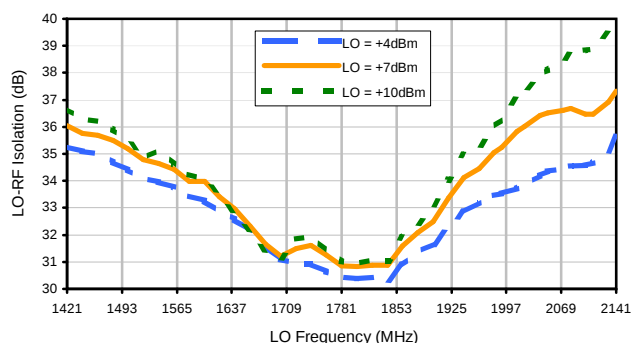


Compression @ RF IN=+14dBm

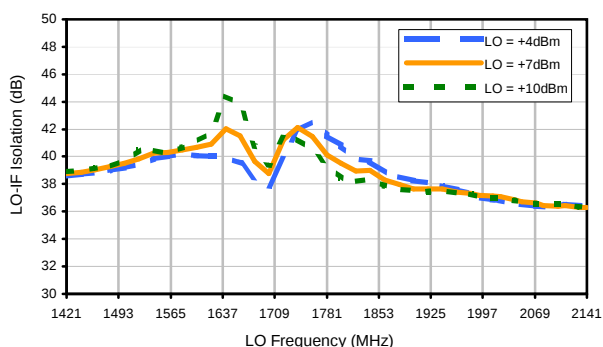


Typical Performance Curves

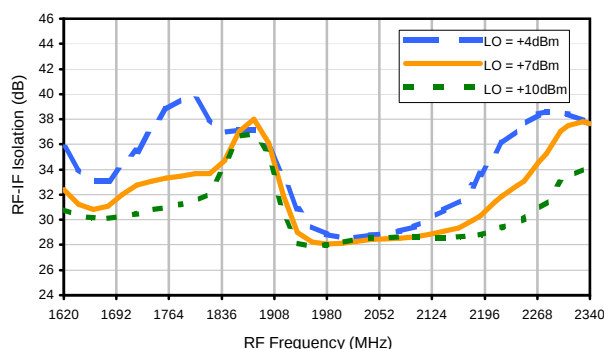
LO-RF Isolation



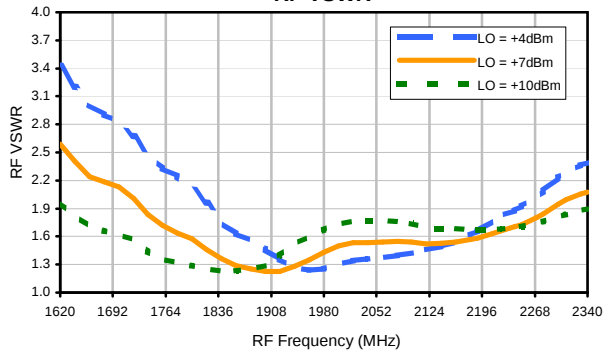
LO-IF Isolation



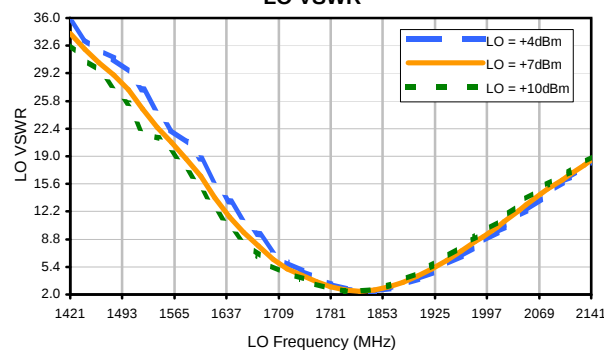
RF-IF Isolation



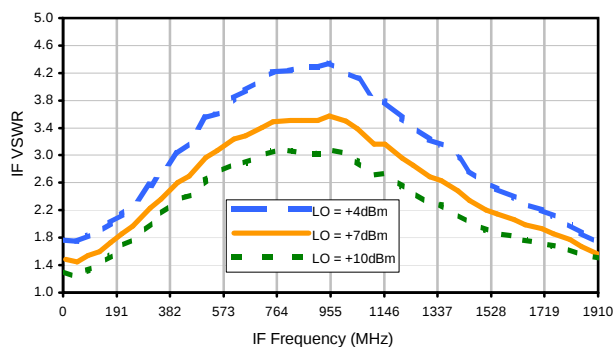
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	22	39	32	36	40	38	52	58	56
1	-	18	+0	25	20	30	33	47	42	53	47	62
2	61	50	52	53	60	62	75	64	64	60	59	74
3	>90	73	50	64	48	59	53	62	59	74	69	70
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: 1960 MHz; -1.00 dBm.

LO IN: 1761 MHz; +7.00 dBm

IF OUT: 199 MHz; -9.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	33	44	43	43	53	52	56	76	71
1	-	18	+0	26	21	32	35	53	46	61	57	78
2	41	41	43	43	48	61	58	58	63	52	56	68
3	70	60	31	45	30	43	39	47	47	64	58	63
4	>90	59	77	67	77	62	78	66	82	69	73	67
5	>90	76	81	65	50	62	48	55	53	59	60	69
6	>90	74	75	74	79	77	81	79	77	73	85	87
7	>90	>91	86	82	87	76	66	73	61	69	66	75
8	>90	>91	>91	81	87	80	>91	>91	90	79	>91	>91
9	>90	>91	>91	>91	>91	91	89	85	78	79	84	75
10	>90	>91	>91	>91	>91	>91	88	>91	>91	>91	90	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1960 MHz; 9.00 dBm.

LO IN: 1761 MHz; +7.00 dBm

IF OUT: 199 MHz; 0.73 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.

REV. X3

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101012

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