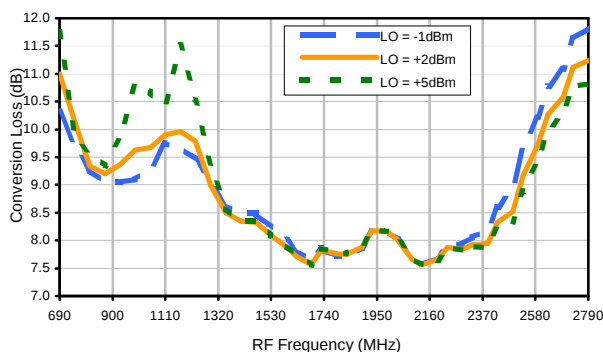
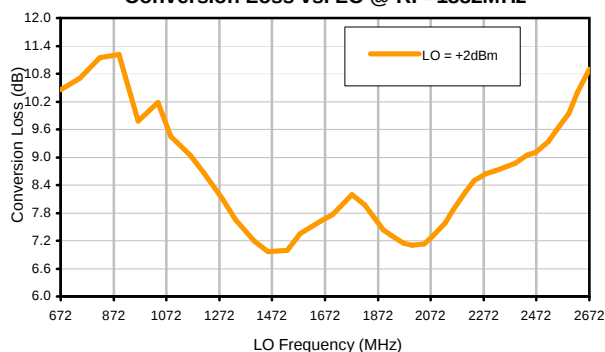


Typical Performance Curves

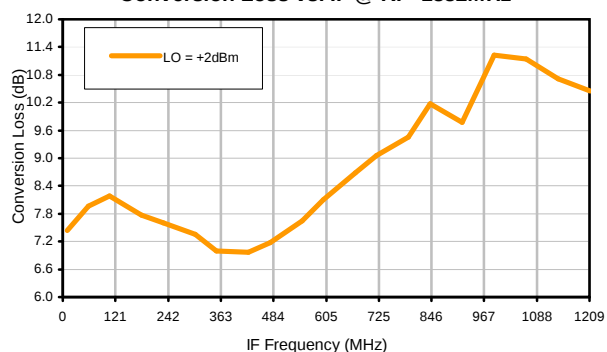
Conversion Loss @ IF=169MHz



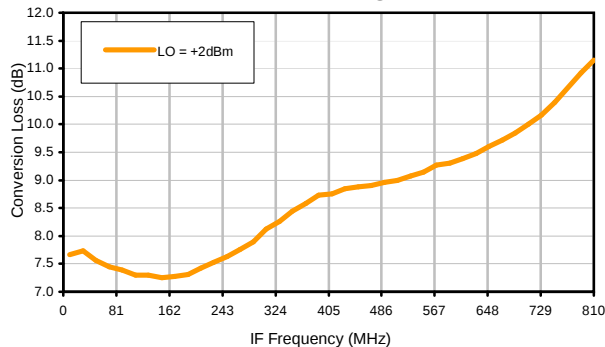
Conversion Loss vs. LO @ RF=1882MHz



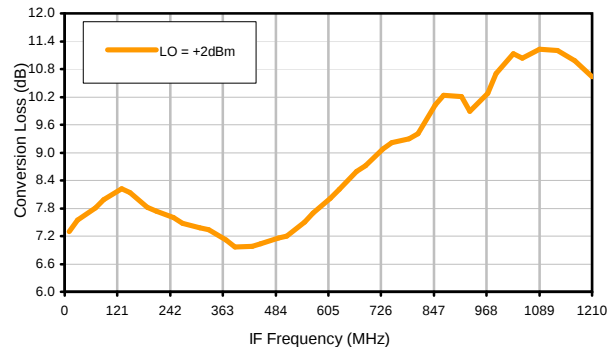
Conversion Loss vs. IF @ RF=1882MHz



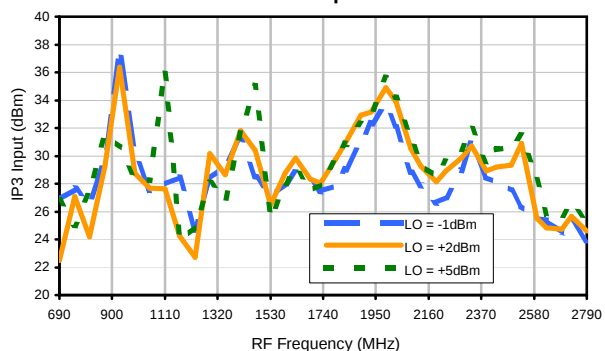
Conversion Loss vs. IF @ RF=1850MHz



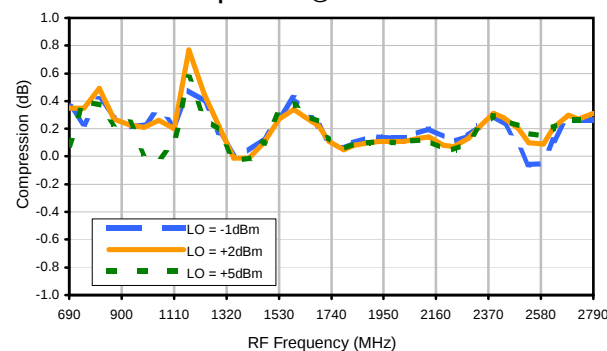
Conversion Loss vs. IF @ RF=1915MHz



IP3 Input

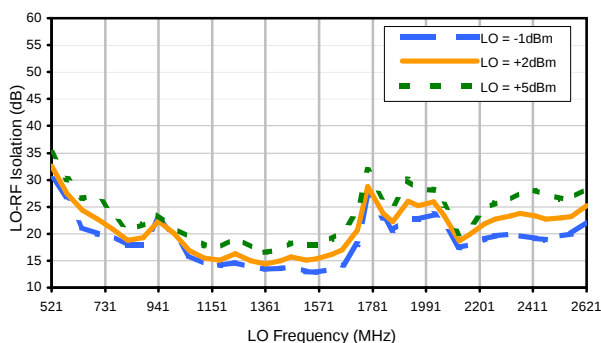


Compression @ RF IN=+15dBm

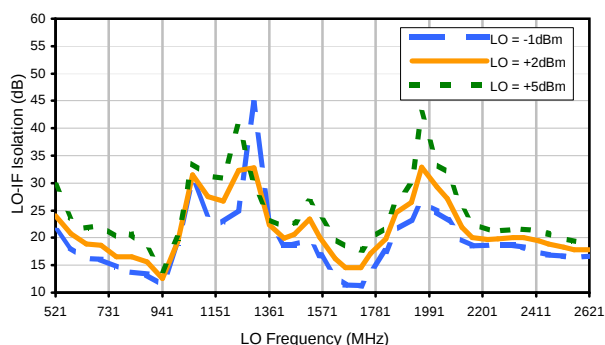


Typical Performance Curves

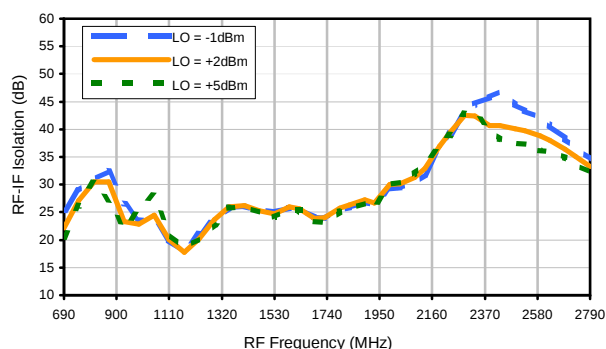
LO-RF Isolation



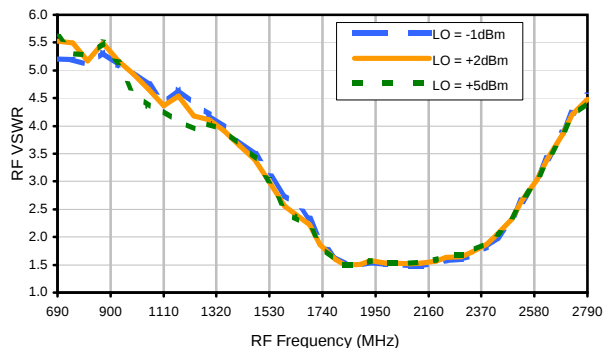
LO-IF Isolation



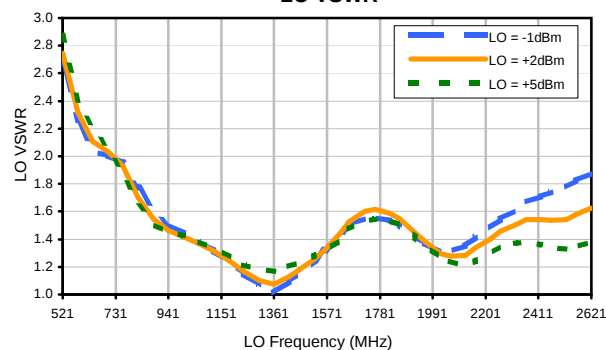
RF-IF Isolation



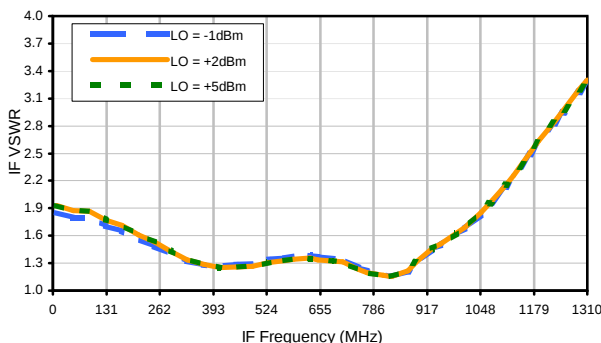
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	15	10	39	27	20	28	38	44	36
1	-	20	+0	24	30	34	43	47	40	32	57	56
2	58	61	55	52	57	69	62	70	69	60	>82	75
3	>90	80	73	>82	65	75	>82	81	>82	>82	>82	77
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 0.00 dBm.

LO IN: 1711 MHz; +2.00 dBm

IF OUT: 169 MHz; -7.79 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	25	20	58	38	32	38	50	55	47
1	-	19	+0	24	31	35	44	49	41	34	57	59
2	38	51	46	42	48	59	53	59	61	52	63	68
3	65	59	53	68	44	57	68	60	73	64	68	60
4	90	70	75	71	78	66	70	>92	85	78	77	90
5	>90	>92	86	83	82	91	72	79	87	88	91	>92
6	>90	>92	>92	>92	>92	>92	>92	86	85	>92	>92	>92
7	>90	>92	87	>92	>92	>92	>92	>92	83	85	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 10.00 dBm.

LO IN: 1711 MHz; +2.00 dBm

IF OUT: 169 MHz; 2.2 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. X2

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