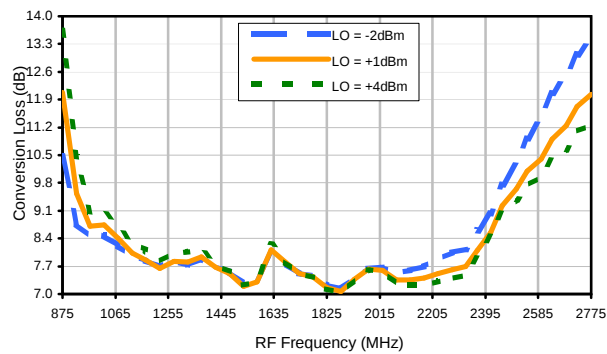
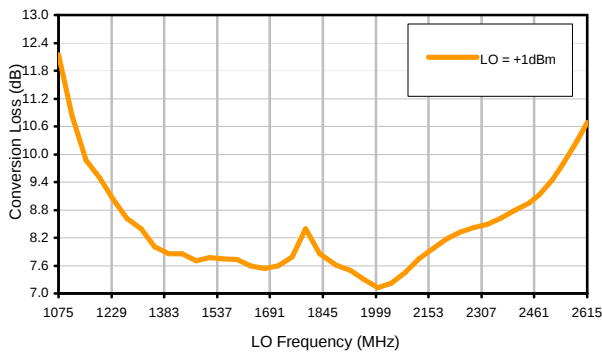


Typical Performance Curves

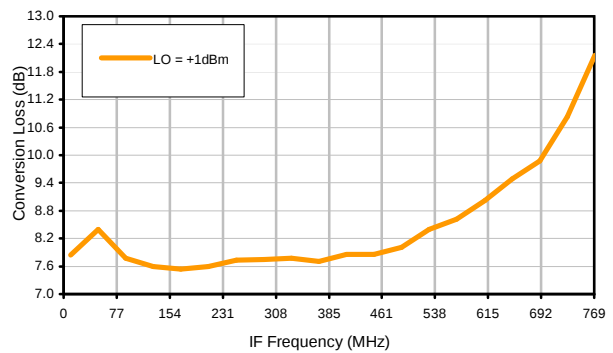
Conversion Loss @ IF=168.5MHz



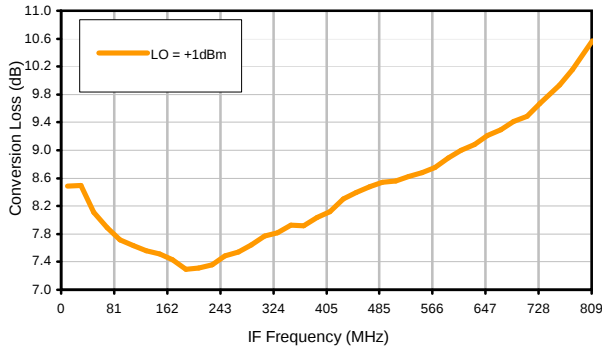
Conversion Loss vs. LO @ RF=1845MHz



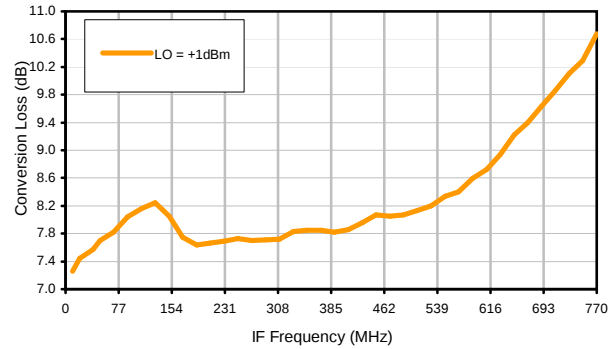
Conversion Loss vs. IF @ RF=1845MHz



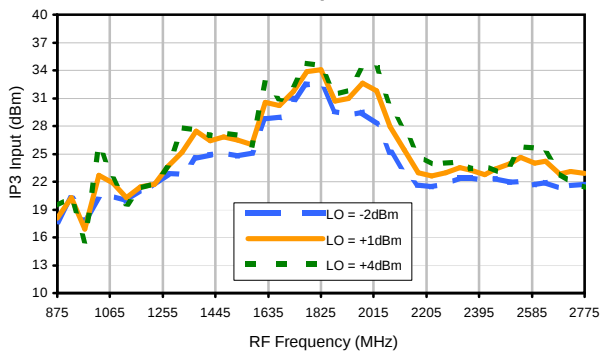
Conversion Loss vs. IF @ RF=1775MHz



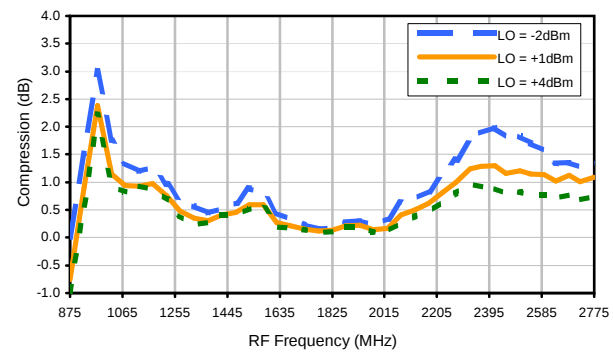
Conversion Loss vs. IF @ RF=1915MHz



IP3 Input

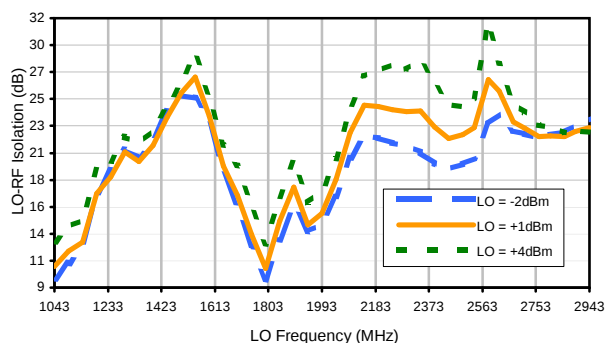


Compression @ RF IN=+15dBm

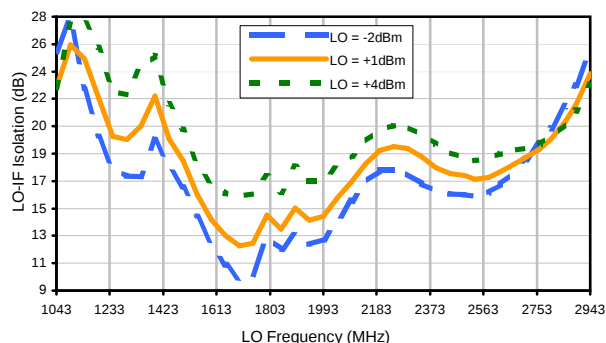


Typical Performance Curves

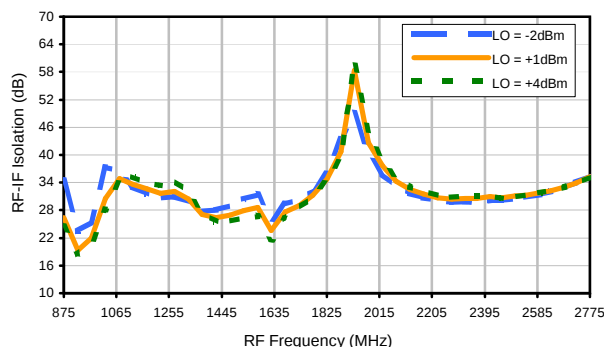
LO-RF Isolation



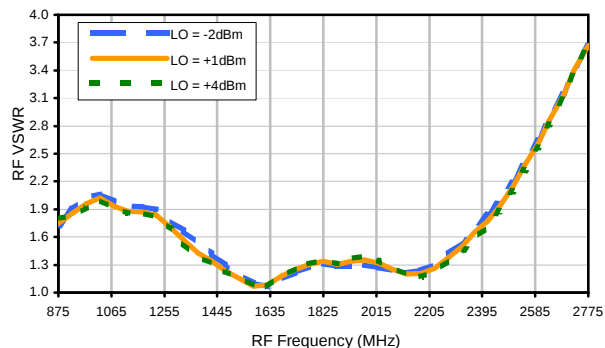
LO-IF Isolation



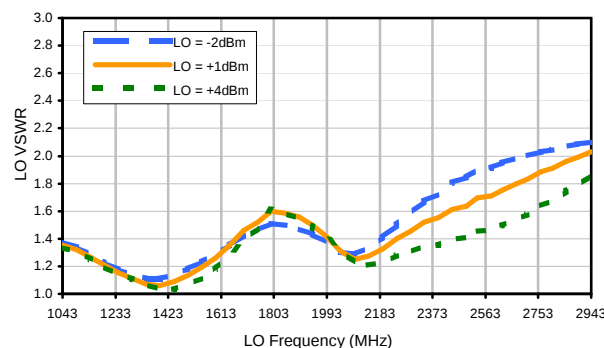
RF-IF Isolation



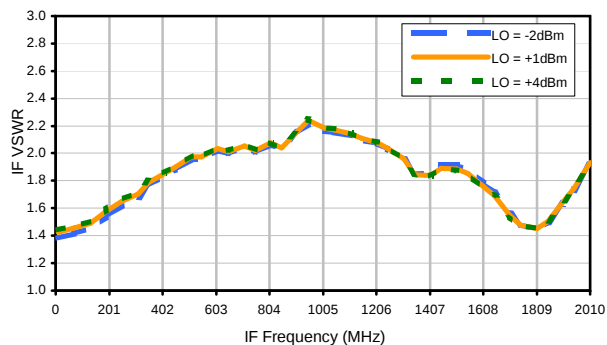
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	13	32	13	20	37	42	67	55	63
1	-	30	+0	31	31	45	47	40	66	48	>83	59
2	58	54	53	48	67	61	81	74	77	71	78	>83
3	>90	>83	>83	75	66	>83	>83	>83	>83	>83	>83	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1845 MHz; 0.00 dBm.

LO IN: 2013.5 MHz; +1.00 dBm

IF OUT: 168.5 MHz; -7.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	23	41	24	31	46	54	76	68	74
1	-	30	+0	31	31	45	47	41	67	49	88	62
2	38	44	43	38	56	51	66	64	71	62	69	84
3	65	62	72	56	46	70	66	72	76	78	76	84
4	>90	75	>93	85	68	69	87	77	86	91	82	88
5	>90	>93	>93	91	>93	76	81	>93	88	>93	>93	>93
6	>90	>93	>93	>93	>93	>93	90	>93	>93	>93	>93	>93
7	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1845 MHz; 10.00 dBm.

LO IN: 2013.5 MHz; +1.00 dBm

IF OUT: 168.5 MHz; 2.81 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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