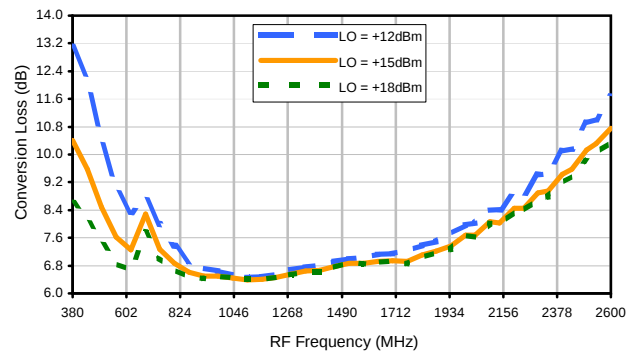
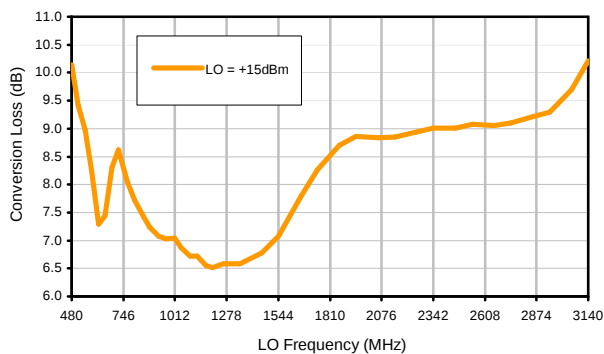


Typical Performance Curves

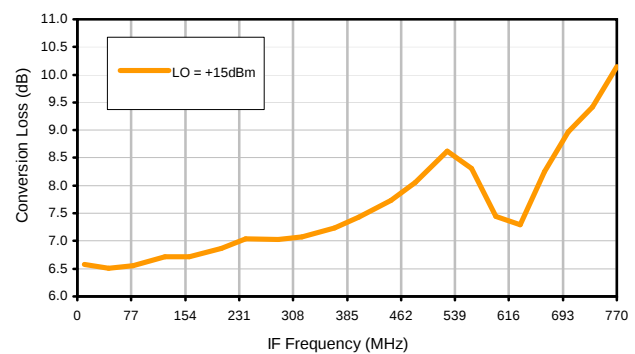
Conversion Loss @ IF=30MHz



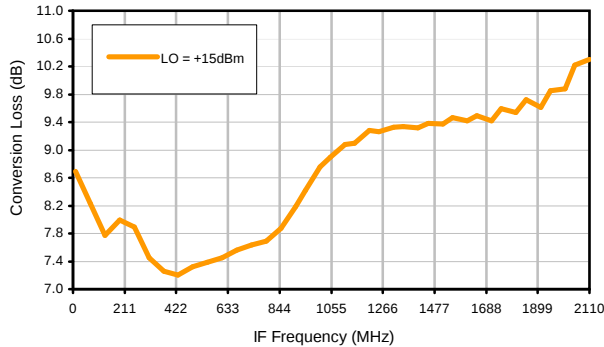
Conversion Loss vs. LO @ RF=1250MHz



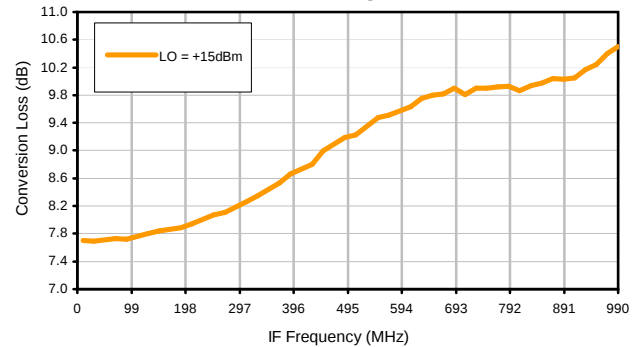
Conversion Loss vs. IF @ RF=1250MHz



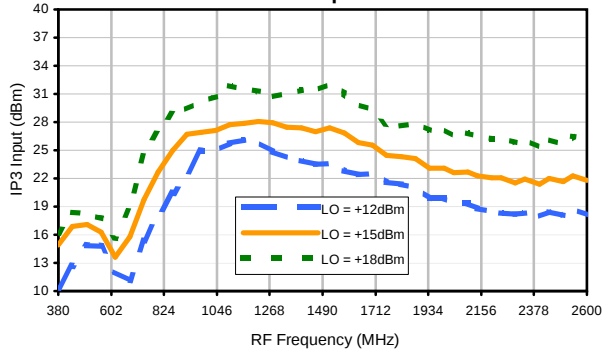
Conversion Loss vs. IF @ RF=489.9MHz



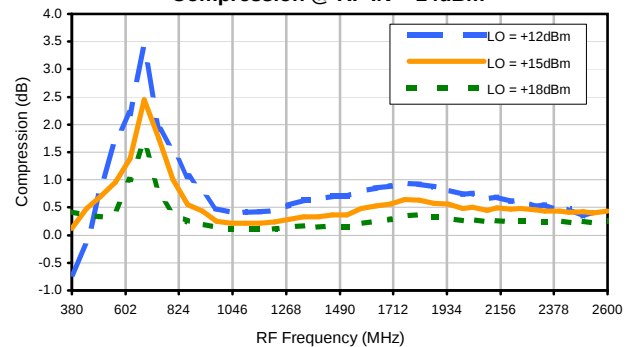
Conversion Loss vs. IF @ RF=2010.1MHz



IP3 Input

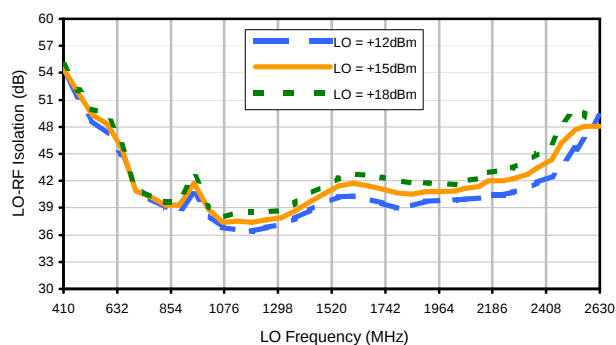


Compression @ RF IN=+14dBm

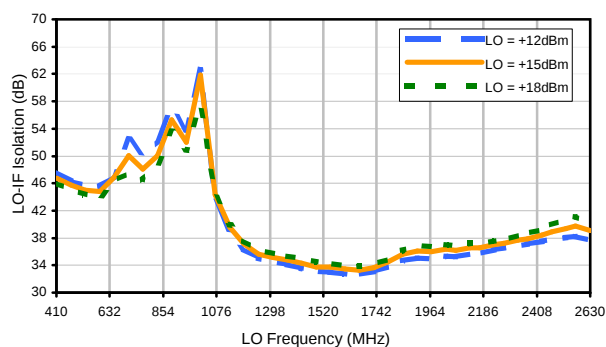


Typical Performance Curves

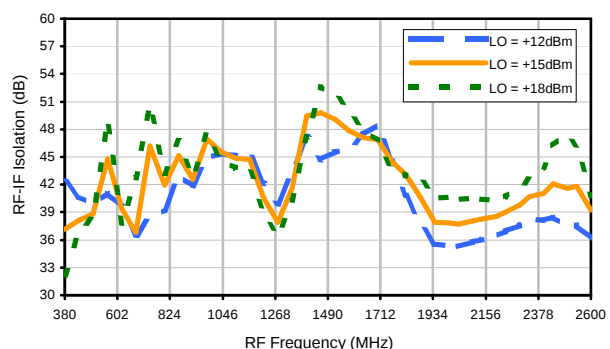
LO-RF Isolation



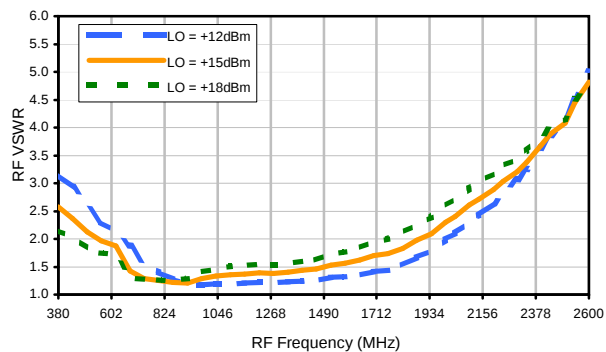
LO-IF Isolation



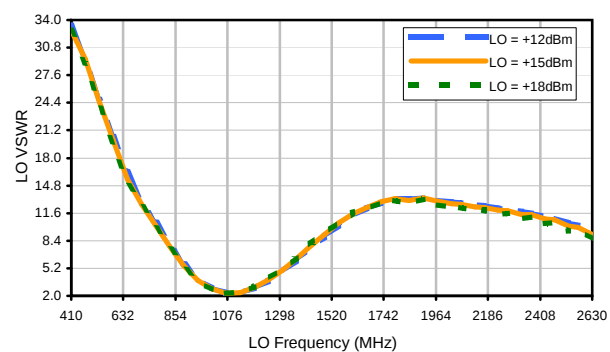
RF-IF Isolation



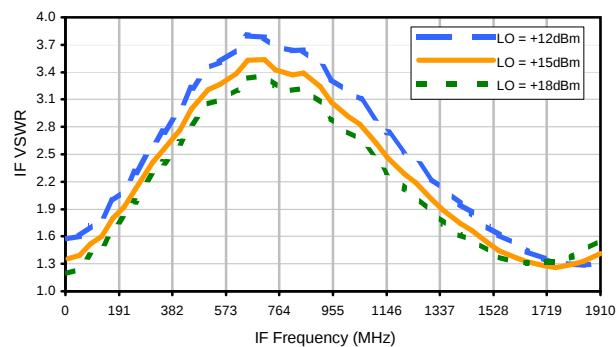
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	17	32	27	36	41	46	46	46	57
1	-	34	+0	42	18	51	26	47	38	61	47	71
2	66	62	51	>83	50	68	59	69	64	66	68	67
3	>90	>83	62	78	62	74	65	>83	68	82	78	>83
4	>90	>83	>83	>83	>83	>83	80	>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: 1250 MHz; -1.00 dBm.
LO IN: 1280 MHz; +15.00 dBm
IF OUT: 30 MHz; -7.5 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	27	44	37	45	46	56	49	60	63
1	-	33	+0	44	19	49	27	48	40	62	50	76
2	46	51	40	71	41	61	49	60	56	58	60	60
3	74	81	44	60	41	59	46	73	50	68	58	78
4	>90	88	68	77	64	78	60	75	66	78	69	74
5	>90	>92	86	88	65	81	65	73	68	86	69	80
6	>90	>92	89	90	78	82	77	78	69	81	78	88
7	>90	>92	>92	>92	90	91	83	92	82	83	83	>92
8	>90	>92	>92	>92	>92	>92	88	88	89	85	82	91
9	>90	>92	>92	>92	>92	>92	>92	>92	92	>92	85	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: 1250 MHz; 9.00 dBm.
LO IN: 1280 MHz; +15.00 dBm
IF OUT: 30 MHz; 2.38 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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