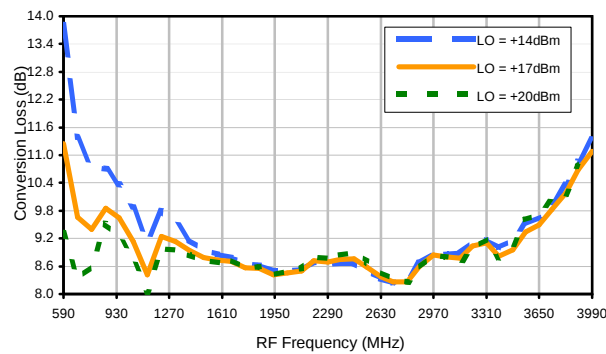
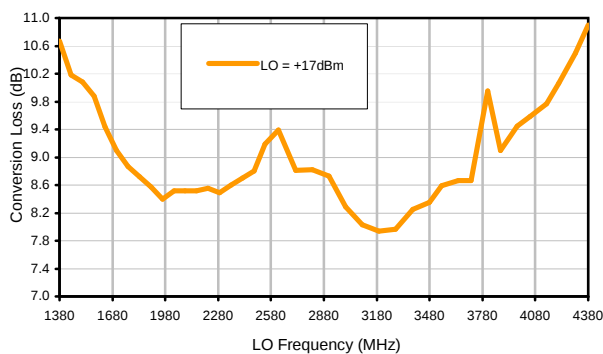


Typical Performance Curves

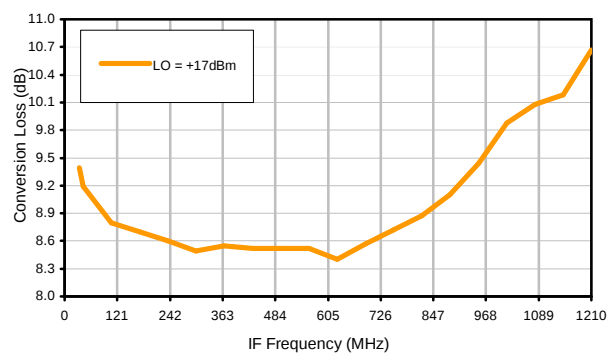
Conversion Loss @ IF=343MHz



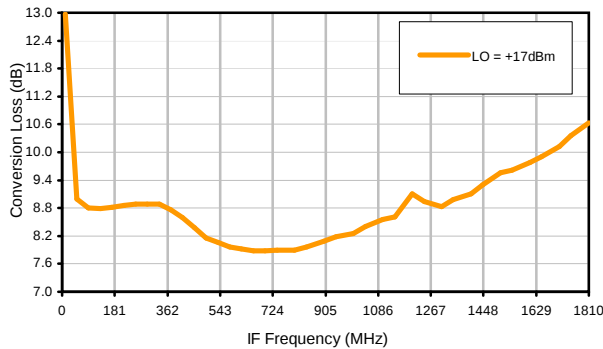
Conversion Loss vs. LO @ RF=2590MHz



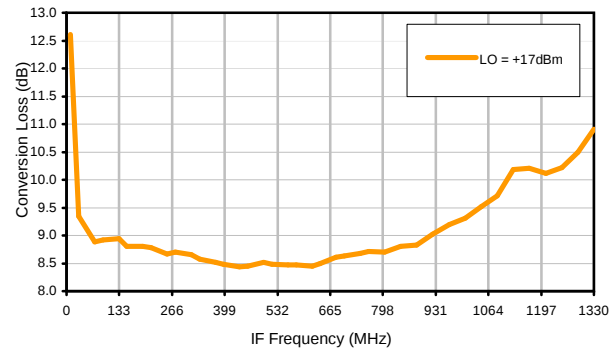
Conversion Loss vs. IF @ RF=2590MHz



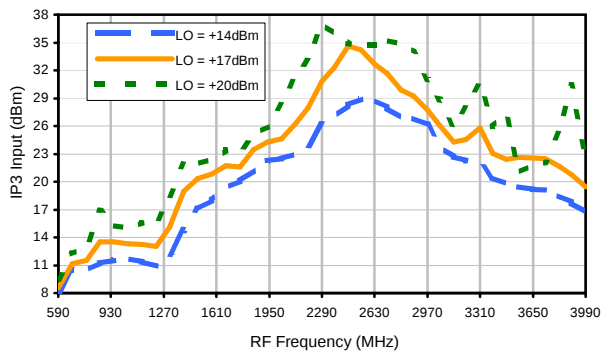
Conversion Loss vs. IF @ RF=2490MHz



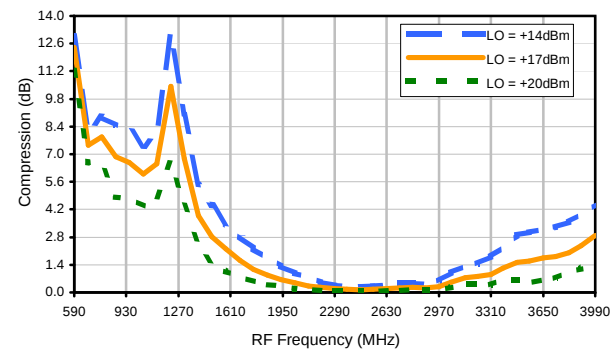
Conversion Loss vs. IF @ RF=2690.1001MHz



IP3 Input

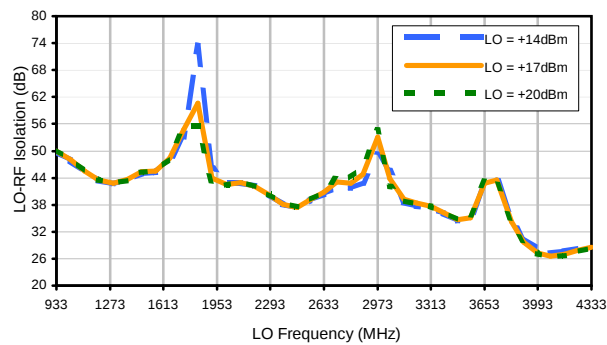


Compression @ RF IN=+15dBm

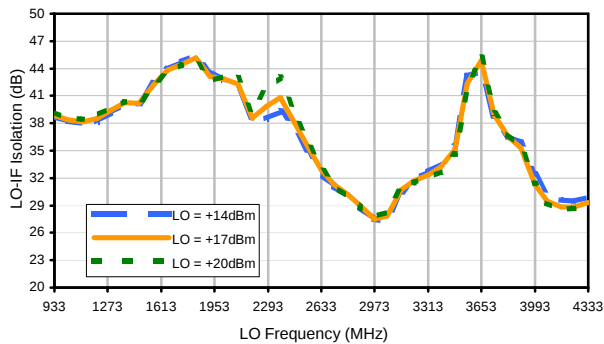


Typical Performance Curves

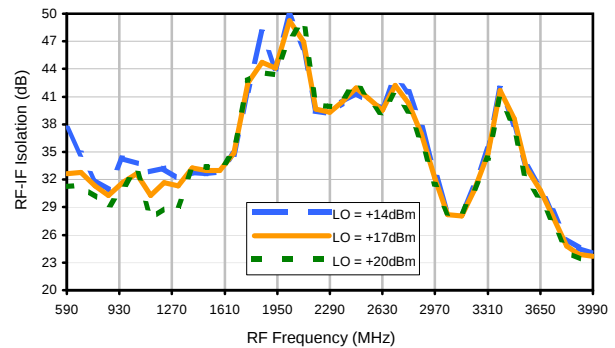
LO-RF Isolation



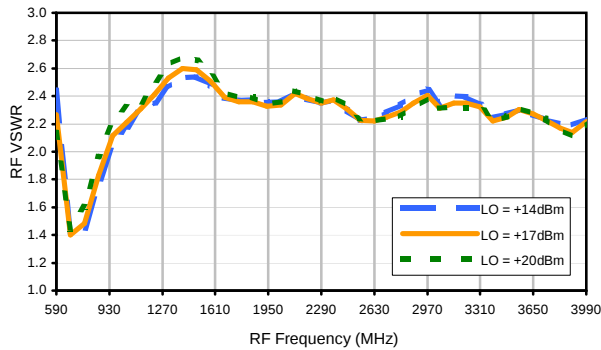
LO-IF Isolation



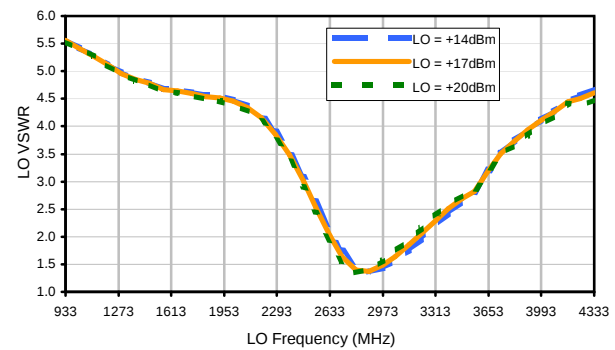
RF-IF Isolation



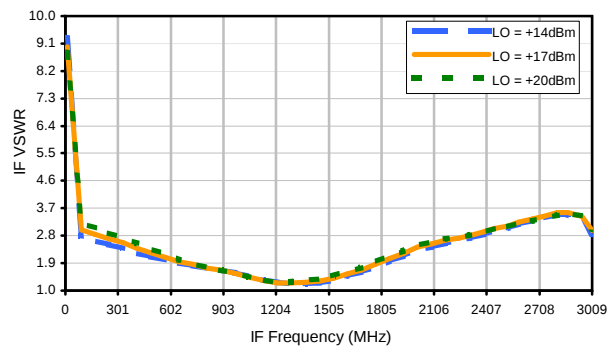
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	20	22	34	35	35	34	50	---	---
1	-	31	+0	39	25	33	50	60	63	50	50	---
2	63	59	56	56	50	64	77	73	75	73	>81	---
3	>90	>81	73	75	68	77	>81	>81	>81	>81	>81	>81
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	89	80	>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	---	---	>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: 2590 MHz; 0.00 dBm.
 LO IN: 2933 MHz; +17.00 dBm
 IF OUT: 343 MHz; -8.69 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	30	32	46	46	48	46	54	---	---
1	-	31	+0	38	25	33	52	62	64	51	52	---
2	43	50	45	47	39	55	64	64	67	65	>91	---
3	68	75	50	53	45	57	67	68	77	74	76	82
4	>90	89	79	87	61	81	66	76	90	86	88	85
5	>90	91	>91	86	73	75	69	83	90	>91	>91	>91
6	>90	>91	>91	>91	>91	84	84	86	80	>91	>91	>91
7	>90	>91	>91	>91	>91	>91	83	85	91	>91	>91	>91
8	>90	>91	>91	>91	>91	>91	>91	>91	85	>91	>91	>91
9	>90	90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	---	---	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2590 MHz; 10.00 dBm.
 LO IN: 2933 MHz; +17.00 dBm
 IF OUT: 343 MHz; 1.19 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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