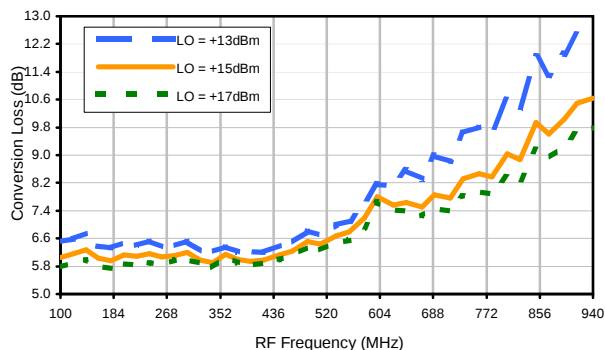
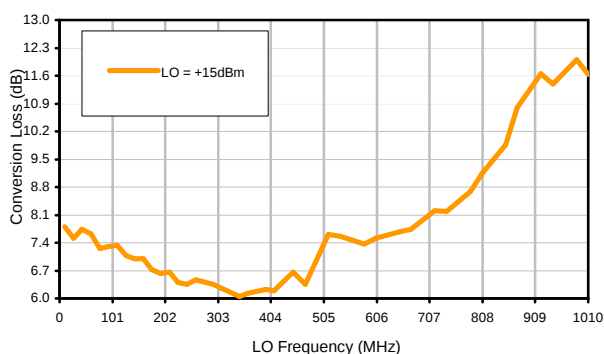


Typical Performance Curves

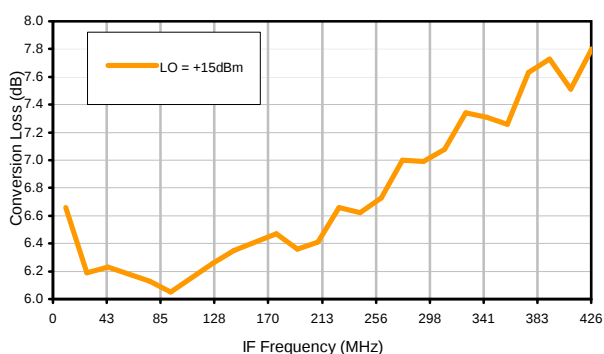
Conversion Loss @ IF=88.5MHz



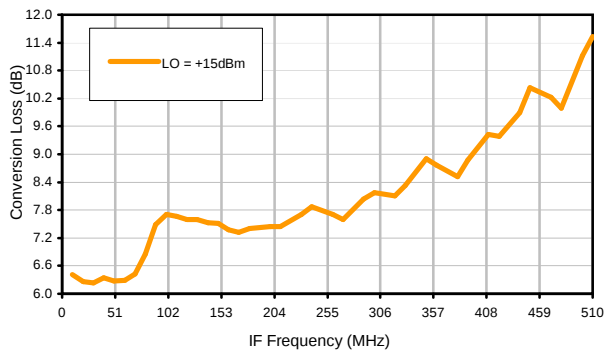
Conversion Loss vs. LO @ RF=436.5MHz



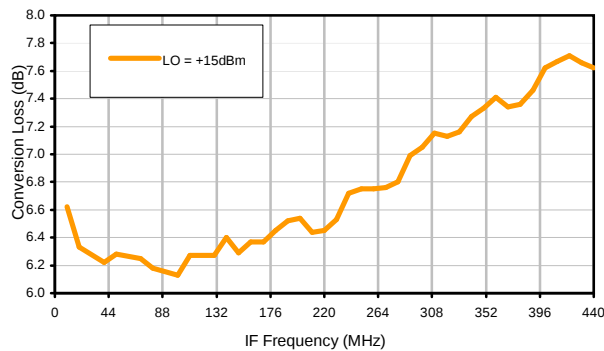
Conversion Loss vs. IF @ RF=436.5MHz



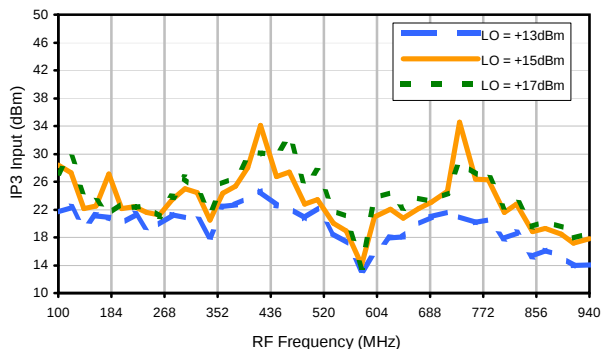
Conversion Loss vs. IF @ RF=415.1MHz



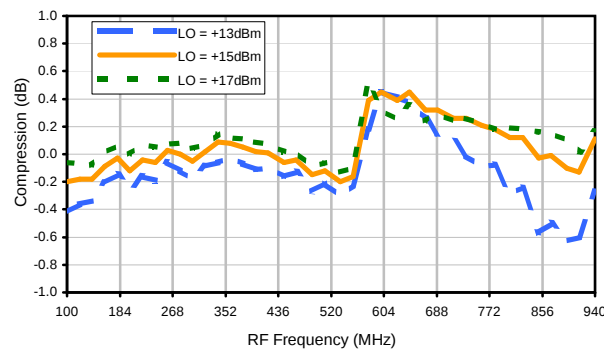
Conversion Loss vs. IF @ RF=458.1MHz



IP3 Input

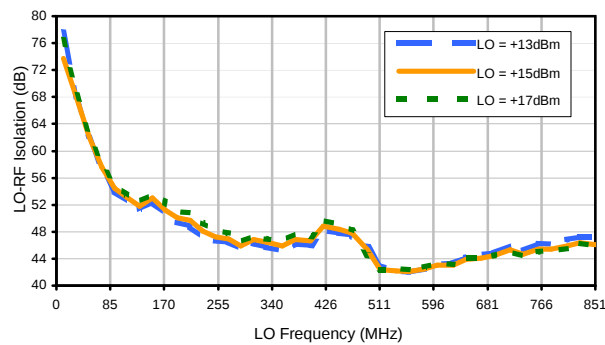


Compression @ RF IN=+15dBm

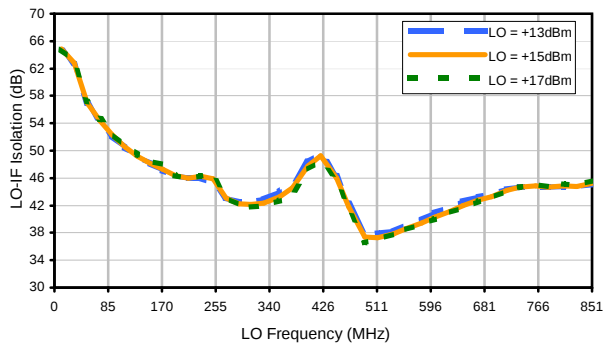


Typical Performance Curves

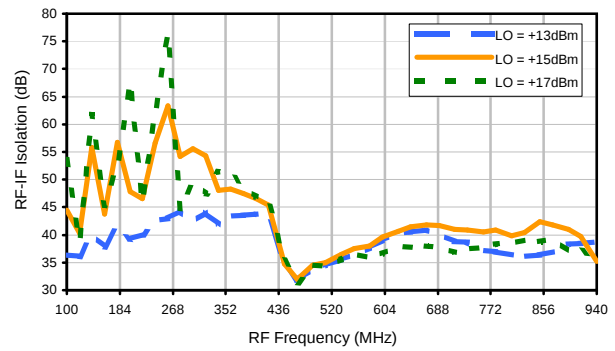
LO-RF Isolation



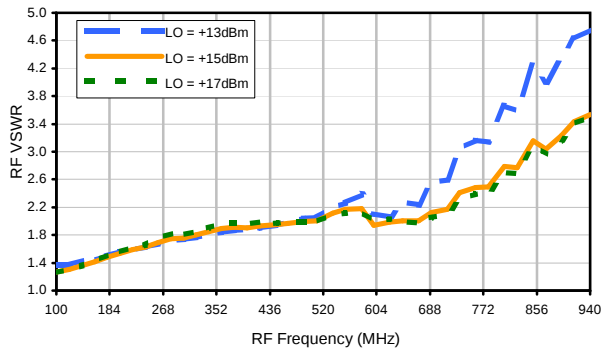
LO-IF Isolation



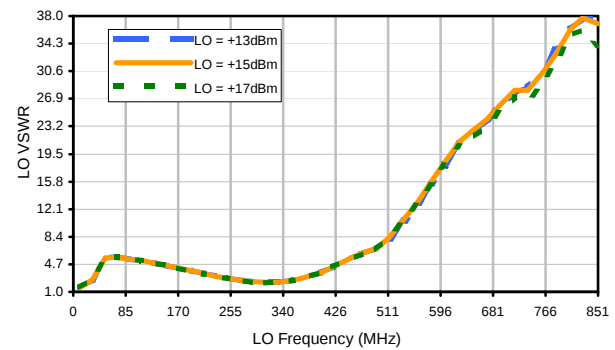
RF-IF Isolation



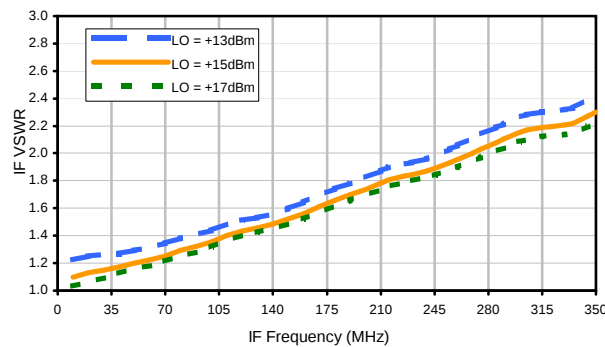
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	29	29	32	42	44	46	58	59	59
1	-	41	+0	45	12	40	20	38	28	42	34	44
2	69	58	49	61	53	60	67	59	66	61	64	63
3	>90	66	56	65	56	64	54	62	53	61	56	64
4	>90	81	81	>84	83	>84	78	>84	83	75	81	78
5	>90	>84	>84	>84	81	>84	78	>84	79	83	74	78
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 436.5 MHz; 0.00 dBm.
LO IN: 348 MHz; +15.00 dBm
IF OUT: 88.5 MHz; -6.14 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	40	36	43	46	61	52	64	58	64
1	-	44	+0	44	12	47	20	43	27	48	33	52
2	49	51	41	50	48	55	54	58	65	65	57	60
3	78	65	41	61	40	60	40	59	42	54	51	56
4	>90	64	62	70	64	73	64	73	76	70	77	75
5	>90	75	62	69	57	70	57	71	55	72	54	65
6	>90	83	93	74	73	78	74	86	78	79	72	76
7	>90	81	79	79	74	75	67	73	65	76	64	74
8	>90	87	89	88	92	86	83	83	81	83	92	84
9	>90	88	84	89	84	87	80	84	74	78	75	79
10	>90	>94	>94	>94	>94	>94	>94	93	93	86	87	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 436.5 MHz; 10.00 dBm.
LO IN: 348 MHz; +15.00 dBm
IF OUT: 88.5 MHz; 3.9 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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