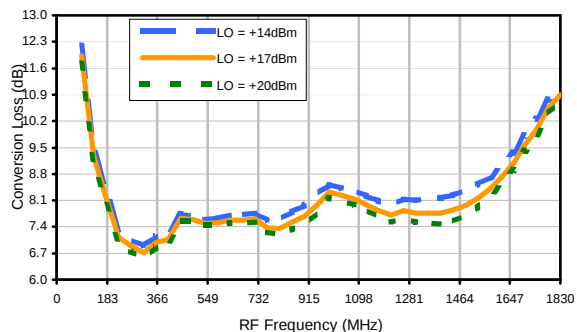
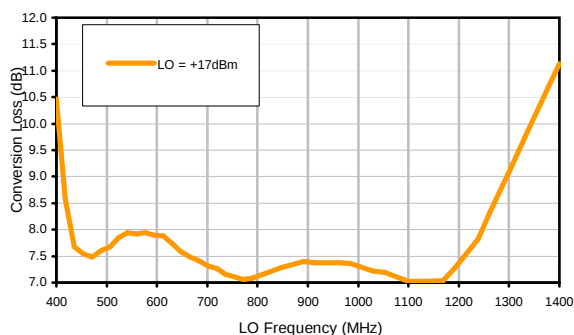


Typical Performance Curves

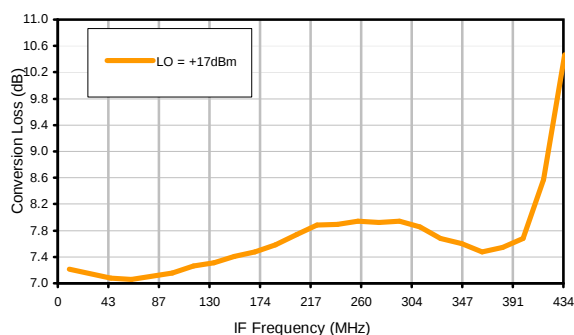
Conversion Loss @ IF=380MHz



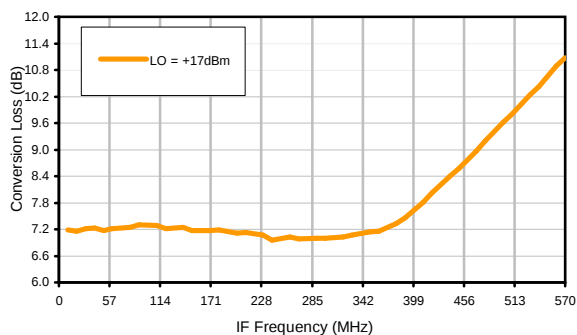
Conversion Loss vs. LO @ RF=835MHz



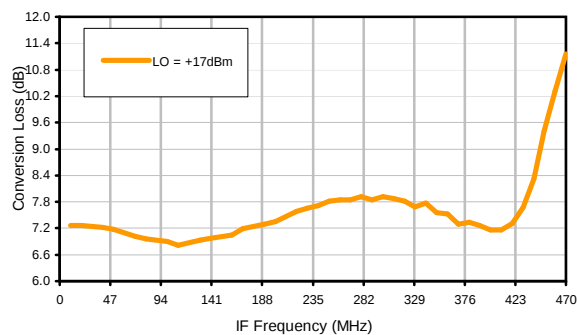
Conversion Loss vs. IF @ RF=835MHz



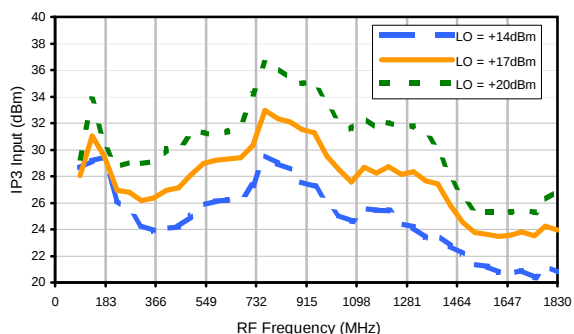
Conversion Loss vs. IF @ RF=790MHz



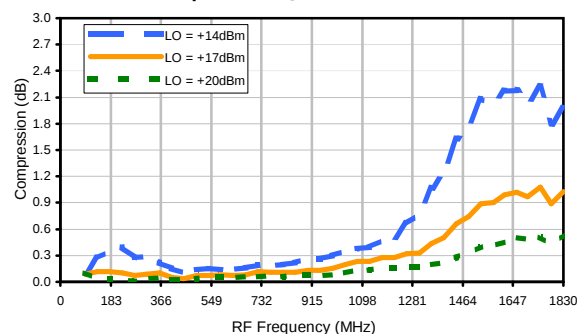
Conversion Loss vs. IF @ RF=880.1MHz



IP3 Input

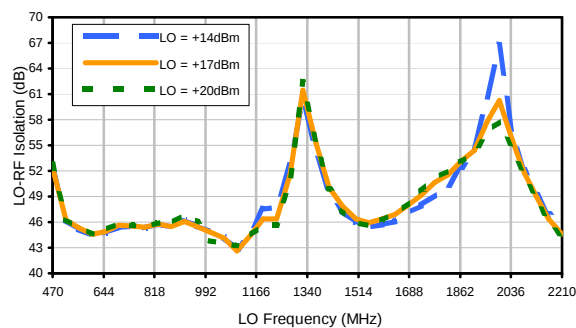


Compression @ RF IN=+15dBm

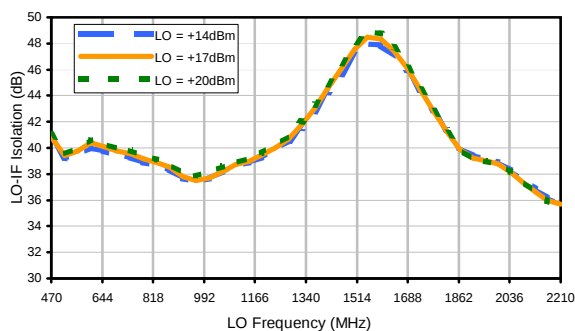


Typical Performance Curves

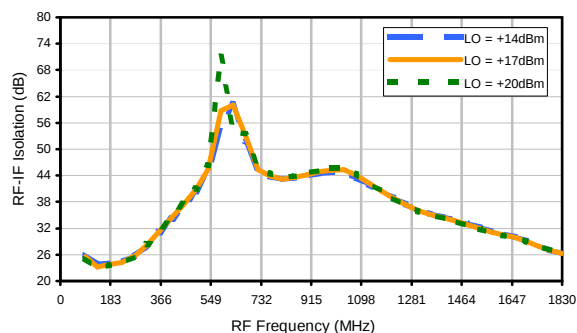
LO-RF Isolation



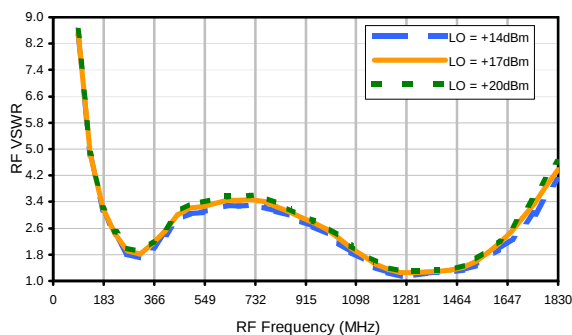
LO-IF Isolation



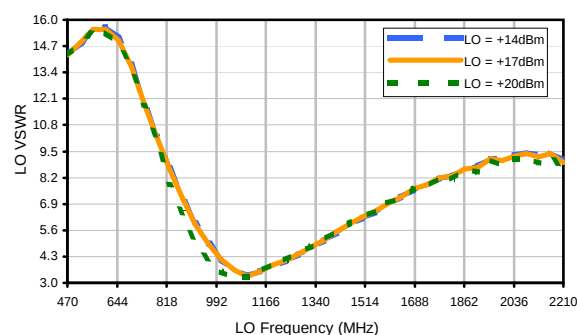
RF-IF Isolation



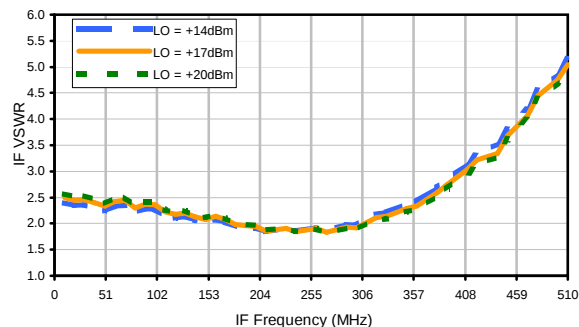
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	15	17	29	24	33	22	31	45	32	40
	1	-	36	+0	51	21	51	52	50	43	54	44	49
	2	64	>82	64	76	>82	76	>82	62	71	72	80	67
	3	>90	>82	>82	>82	>82	>82	>82	>82	>82	79	>82	>82
	4	>90	>82	>82	>82	79	>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: 835 MHz; 0.00 dBm.

LO IN: 1215 MHz; +17.00 dBm

IF OUT: 380 MHz; -7.56 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	25	27	39	35	44	32	41	47	46	53
	1	-	36	+0	51	21	52	53	52	44	54	46	51
	2	44	77	51	67	69	64	74	56	63	63	69	62
	3	65	>92	81	70	87	76	64	82	76	68	69	76
	4	>90	82	>92	>92	76	>92	81	92	91	77	85	84
	5	>90	>92	87	>92	83	>92	>92	>92	>92	85	90	88
	6	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	90
	7	>90	>92	>92	>92	>92	>92	88	>92	>92	>92	>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: 835 MHz; 10.00 dBm.

LO IN: 1215 MHz; +17.00 dBm

IF OUT: 380 MHz; 2.42 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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