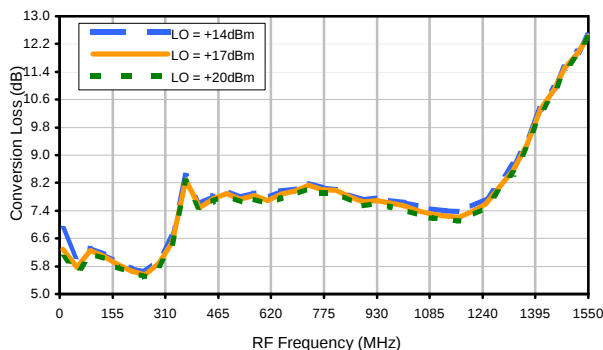
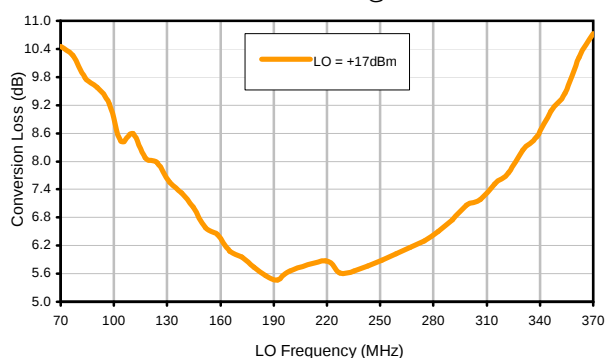


Typical Performance Curves

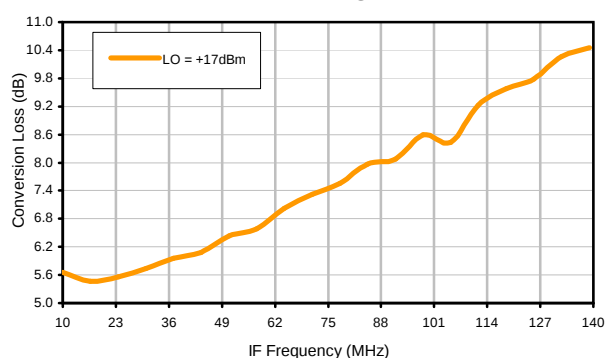
Conversion Loss @ IF=16.9MHz



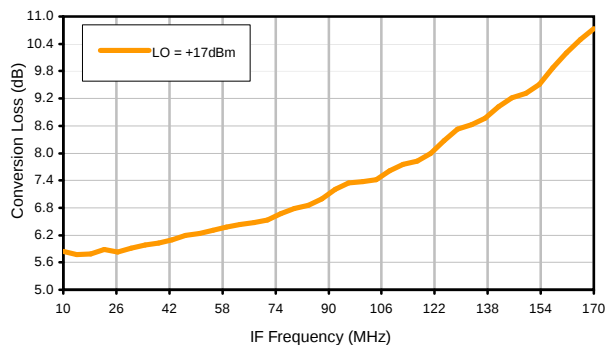
Conversion Loss vs. LO @ RF=209.1MHz



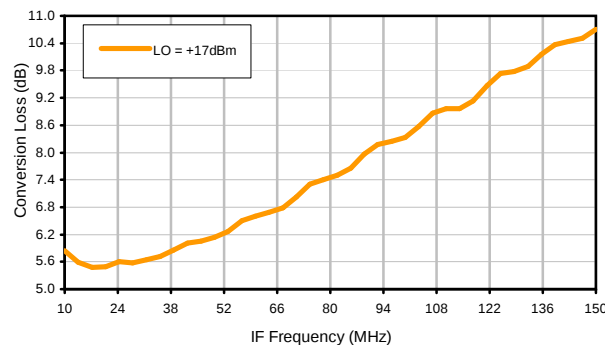
Conversion Loss vs. IF @ RF=209.1MHz



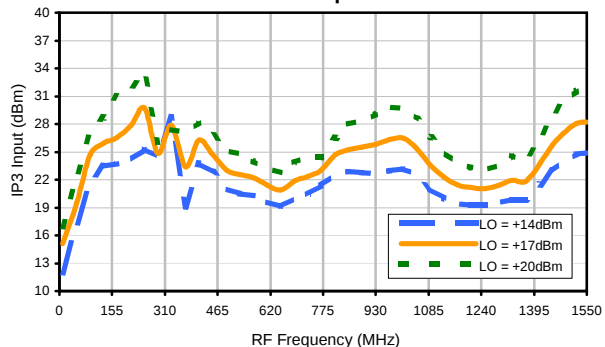
Conversion Loss vs. IF @ RF=193.1MHz



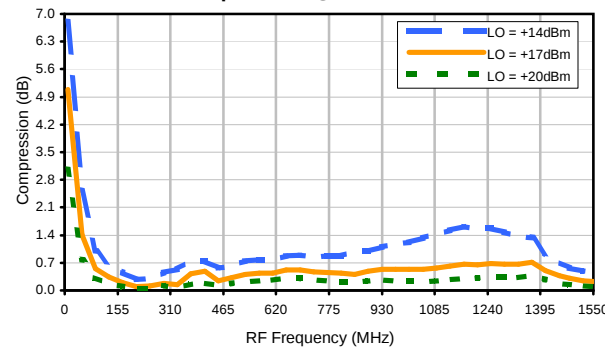
Conversion Loss vs. IF @ RF=225.1MHz



IP3 Input

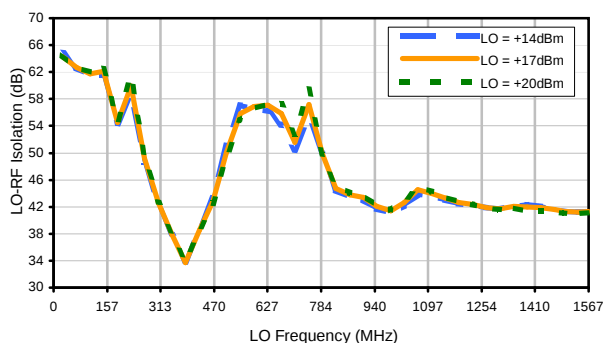


Compression @ RF IN=+14dBm

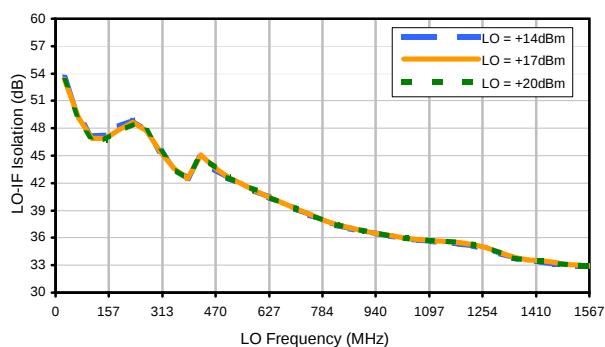


Typical Performance Curves

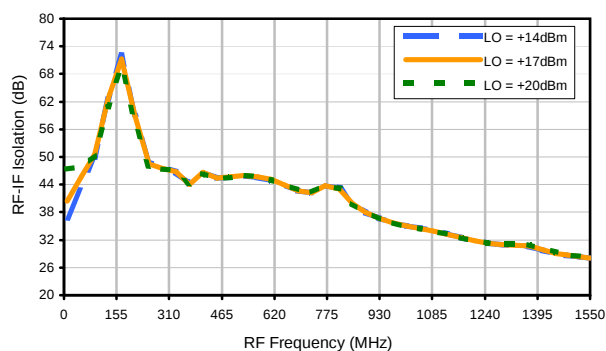
LO-RF Isolation



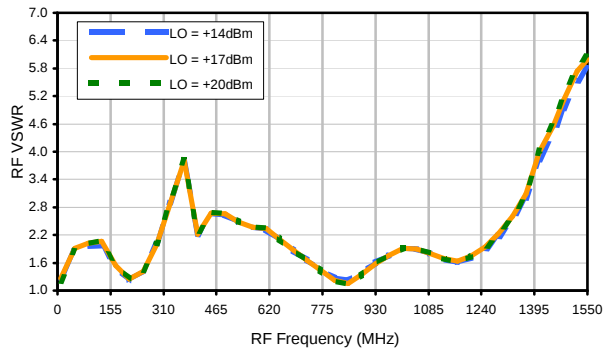
LO-IF Isolation



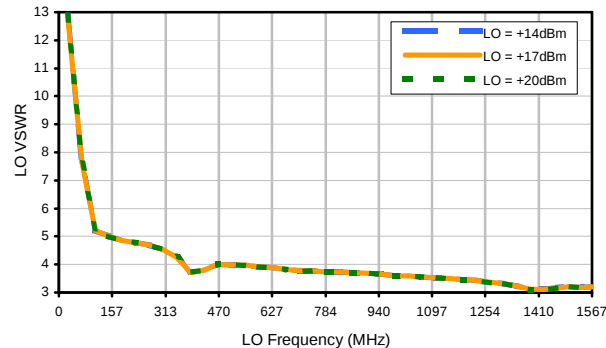
RF-IF Isolation



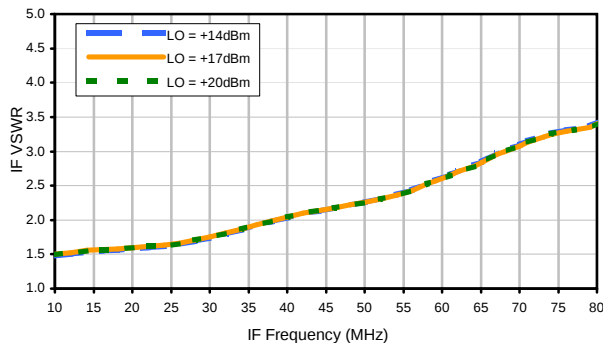
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	51	46	44	53	50	51	55	51	52
1	-	54	+0	55	27	53	31	59	32	65	32	67
2	68	78	65	59	67	82	>83	81	76	77	72	72
3	>90	>83	81	>83	66	>83	82	>83	77	>83	76	>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: 209.1 MHz; -1.00 dBm.

LO IN: 226 MHz; +17.00 dBm

IF OUT: 16.9 MHz; -6.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	33	62	55	53	71	57	62	55	56	57
1	-	54	+0	52	27	54	32	57	33	59	34	64
2	48	71	55	49	57	69	78	72	67	67	63	63
3	68	90	63	67	46	68	62	80	56	79	55	76
4	>90	85	>93	77	81	65	83	83	>93	77	84	75
5	>90	>93	81	>93	76	80	72	85	>93	>93	83	88
6	>90	86	>93	90	>93	84	>93	80	>93	>93	>93	>93
7	>90	>93	84	>93	88	>93	83	91	77	>93	>93	>93
8	>90	89	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	87	>93
10	>90	87	>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: 209.1 MHz; 9.00 dBm.

LO IN: 226 MHz; +17.00 dBm

IF OUT: 16.9 MHz; 3.26 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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101012

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