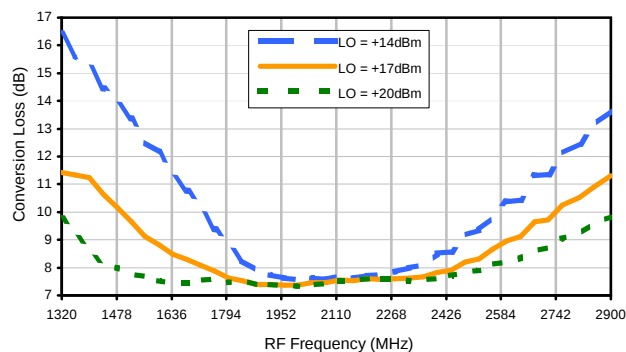
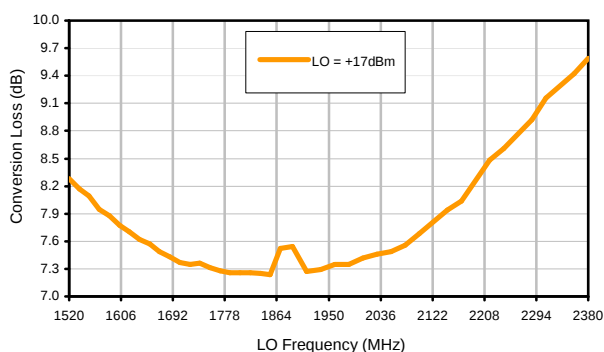


Typical Performance Curves

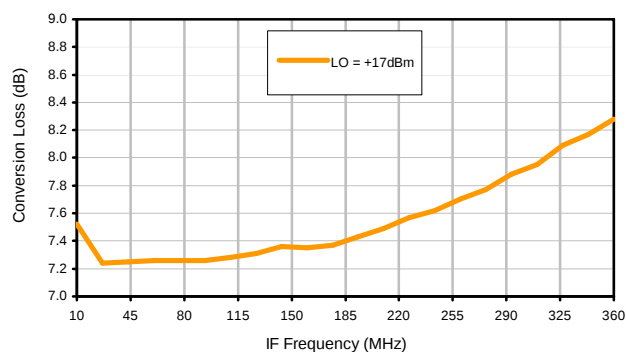
Conversion Loss @ IF=167MHz



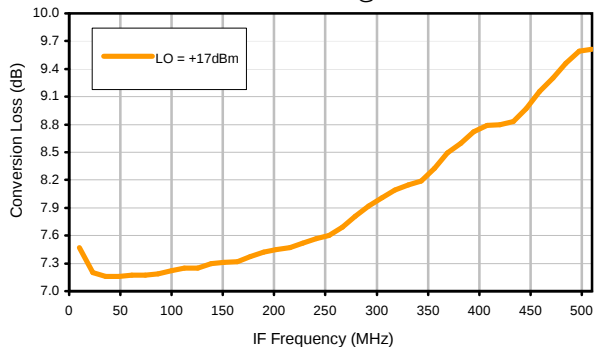
Conversion Loss vs. LO @ RF=1880MHz



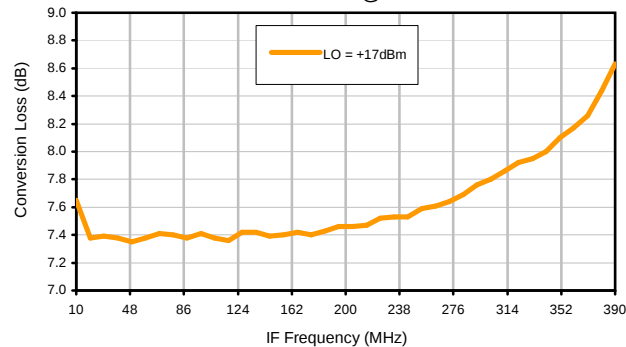
Conversion Loss vs. IF @ RF=1880MHz



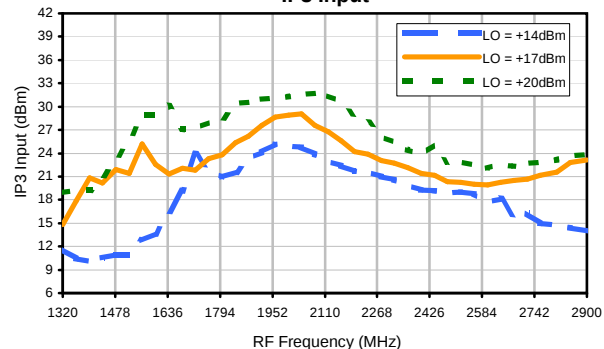
Conversion Loss vs. IF @ RF=1829.9MHz



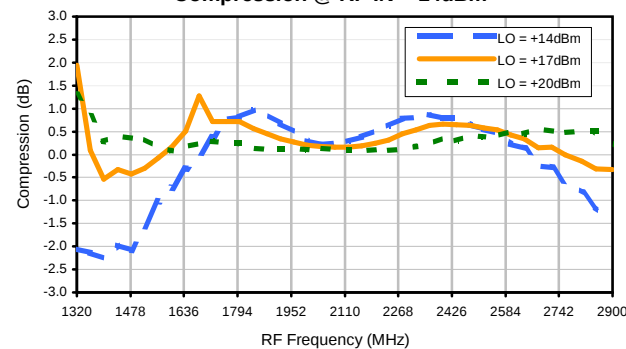
Conversion Loss vs. IF @ RF=1930.1MHz



IP3 Input

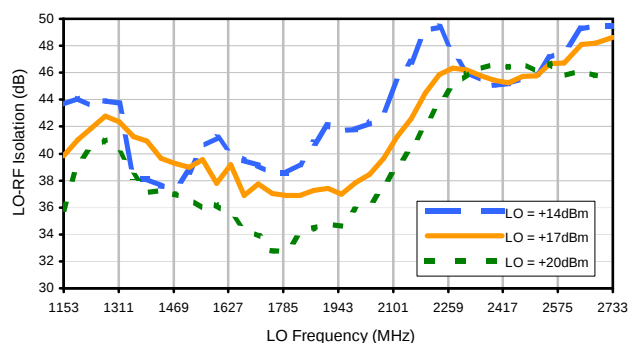


Compression @ RF IN=+14dBm

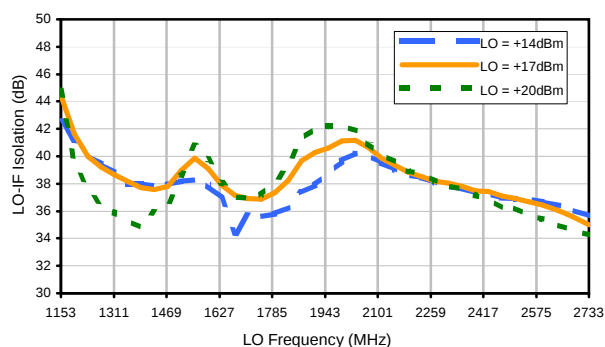


Typical Performance Curves

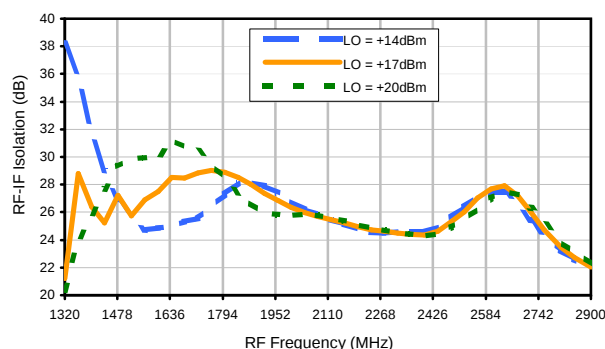
LO-RF Isolation



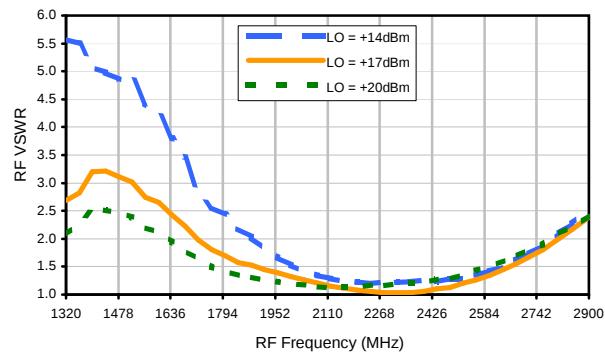
LO-IF Isolation



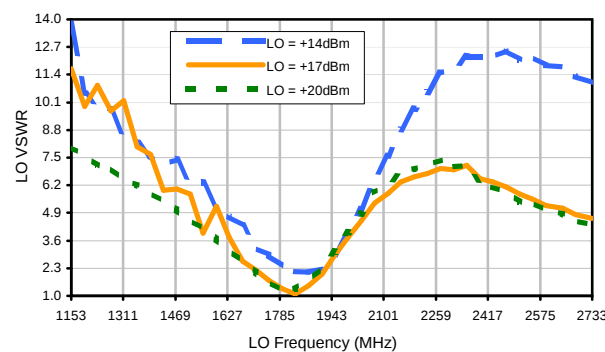
RF-IF Isolation



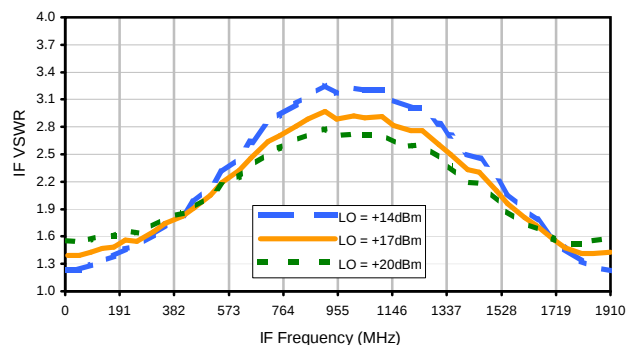
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	25	16	35	32	38	49	49	46	49
1	-	20	+0	32	16	41	25	47	40	60	52	57
2	61	63	55	49	57	50	59	55	67	70	73	66
3	>90	71	64	>82	56	72	60	73	61	78	72	>82
4	>90	>82	>82	>82	>82	>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: 1880 MHz; -1.00 dBm.
LO IN: 1713 MHz; +17.00 dBm
IF OUT: 167 MHz; -8.43 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	32	28	50	42	47	57	53	55	56
1	-	19	+0	31	17	42	27	50	42	58	57	59
2	41	51	44	39	45	41	47	49	57	62	68	62
3	70	56	45	53	37	56	41	62	44	62	57	70
4	>90	68	82	72	66	57	63	60	69	60	71	80
5	>90	82	72	70	66	71	61	65	62	72	60	73
6	>90	>91	87	85	79	79	78	74	75	76	80	71
7	>90	>91	>91	>91	90	81	84	75	80	72	79	81
8	>90	>91	>91	>91	>91	>91	91	>91	82	>91	77	85
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	86	>91	83
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; 9.00 dBm.
LO IN: 1713 MHz; +17.00 dBm
IF OUT: 167 MHz; 1.48 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.

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