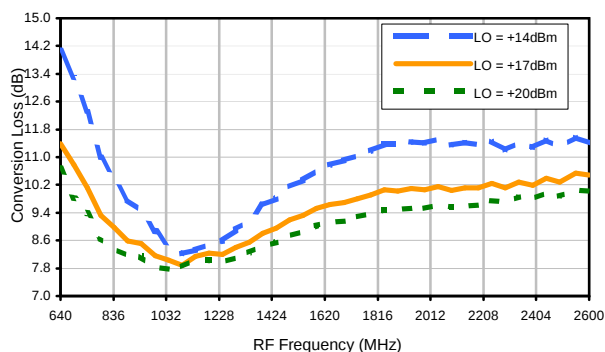
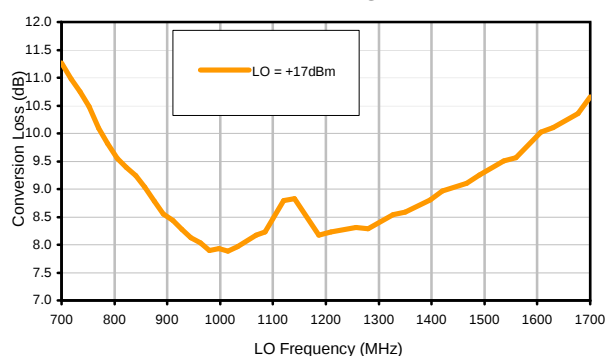


Typical Performance Curves

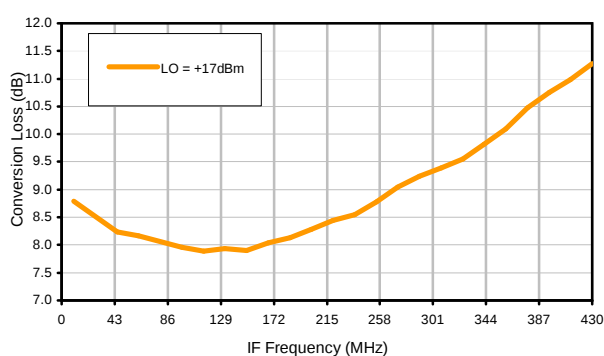
Conversion Loss @ IF=75MHz



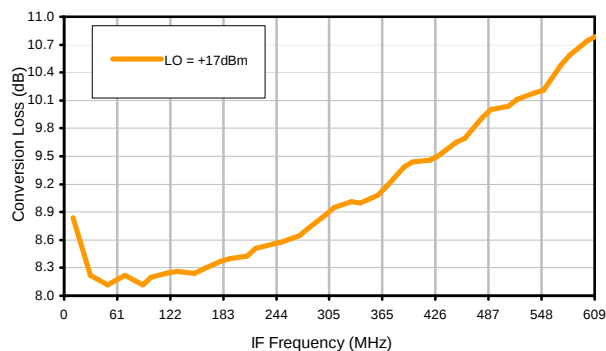
Conversion Loss vs. LO @ RF=1130.1MHz



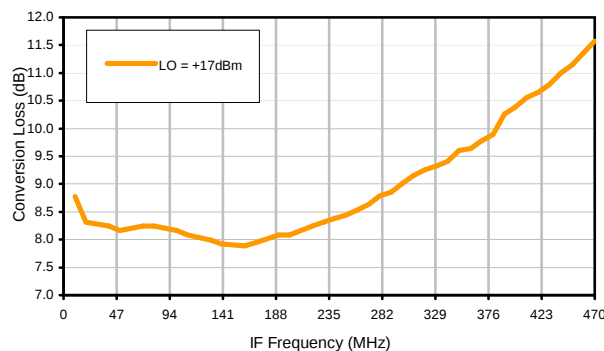
Conversion Loss vs. IF @ RF=1130.1MHz



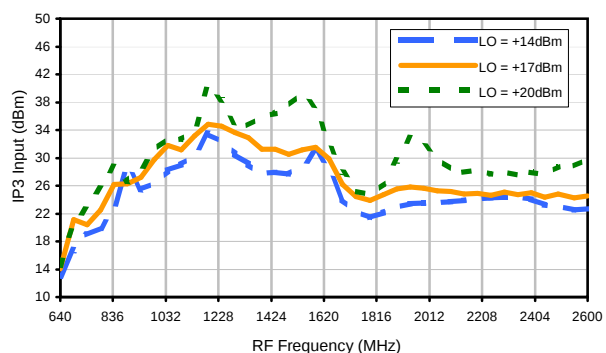
Conversion Loss vs. IF @ RF=1100.1MHz



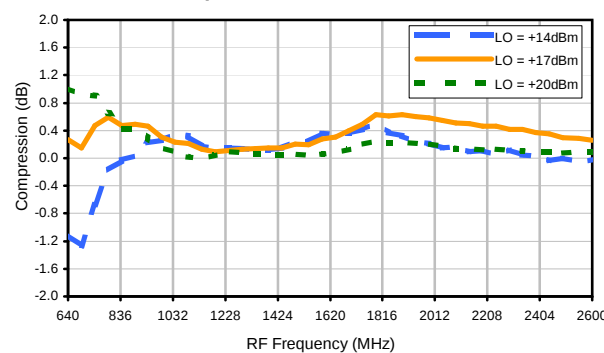
Conversion Loss vs. IF @ RF=1160.1MHz



IP3 Input

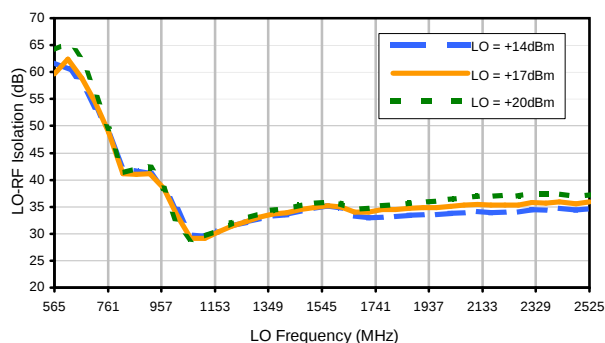


Compression @ RF IN=+15dBm

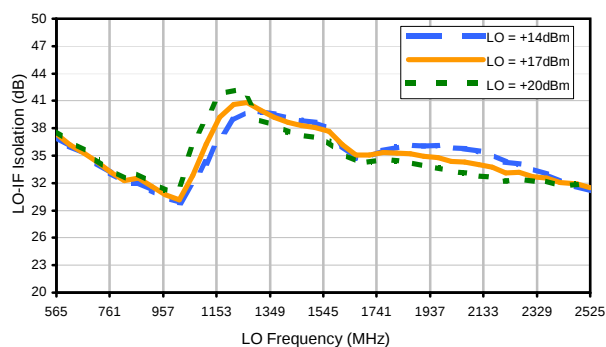


Typical Performance Curves

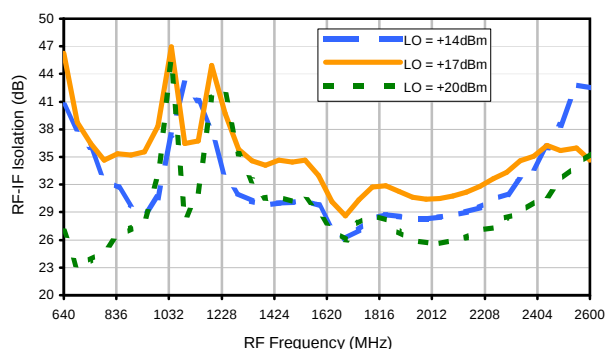
LO-RF Isolation



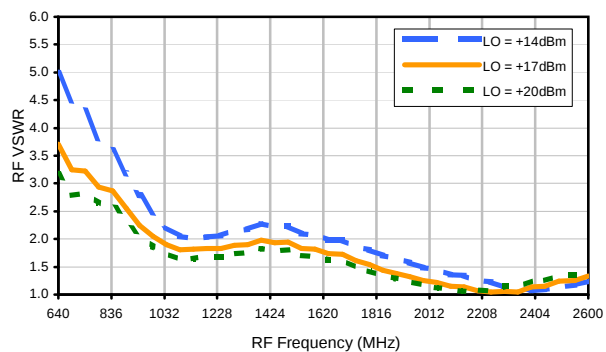
LO-IF Isolation



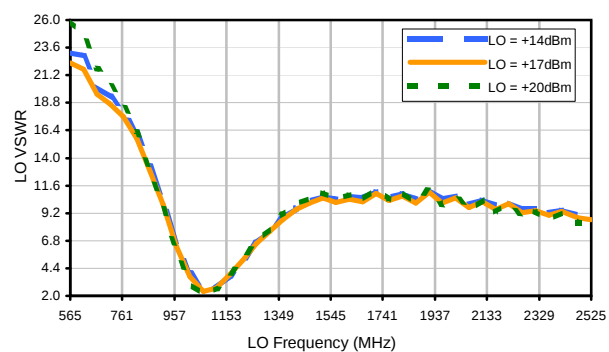
RF-IF Isolation



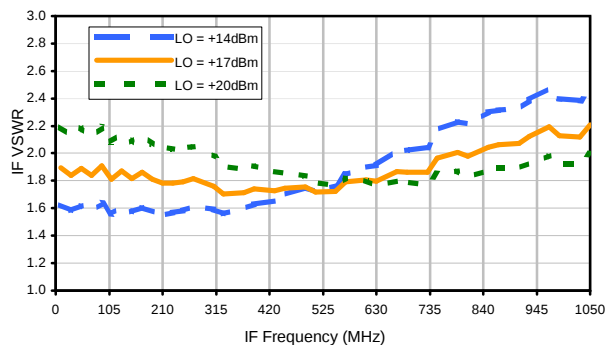
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	21	23	31	30	32	33	36	36	39
1	-	42	+0	23	13	26	31	27	43	32	50	42
2	68	47	61	53	56	51	56	55	57	59	64	72
3	>90	77	80	70	66	65	65	64	71	67	71	72
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: 1130 MHz; 0.00 dBm.
LO IN: 1055 MHz; +17.00 dBm
IF OUT: 75 MHz; -8.09 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	36	32	35	37	48	40	51	47	53
1	-	39	+0	23	14	27	32	28	53	33	53	43
2	48	38	47	43	44	41	49	45	48	50	59	61
3	77	61	57	57	46	50	47	50	54	52	56	56
4	84	73	81	70	72	66	68	66	62	68	72	68
5	>90	82	76	82	83	71	68	68	66	65	70	69
6	>90	90	86	>92	89	80	86	80	82	80	77	83
7	>90	>92	87	>92	88	89	>92	82	83	81	80	78
8	>90	>92	>92	>92	>92	>92	>92	91	>92	90	>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: 1130 MHz; 10.00 dBm.
LO IN: 1055 MHz; +17.00 dBm
IF OUT: 75 MHz; 1.88 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.