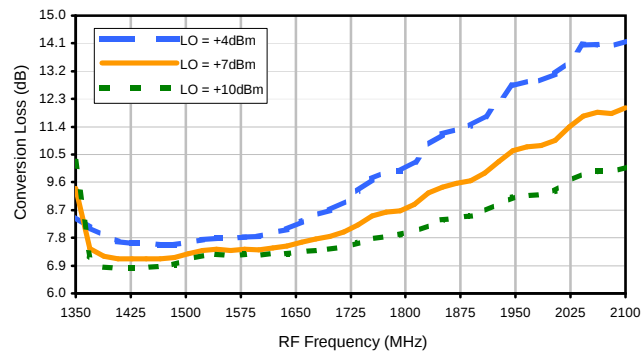
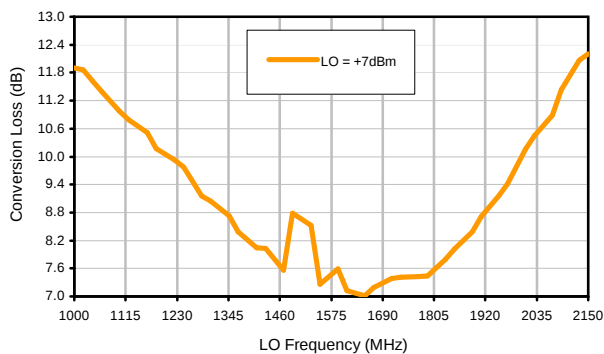


Typical Performance Curves

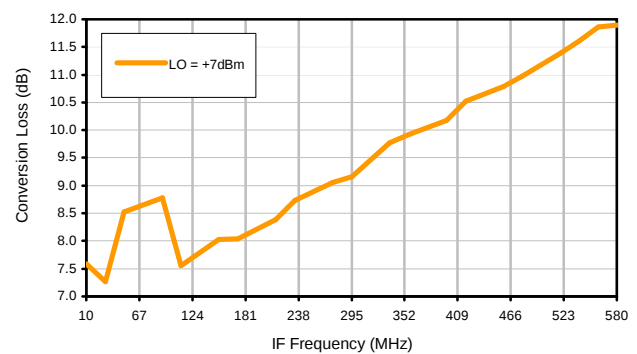
Conversion Loss @ IF=166MHz



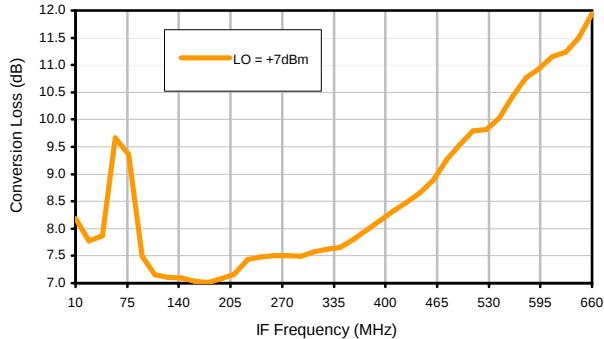
Conversion Loss vs. LO @ RF=1580.5MHz



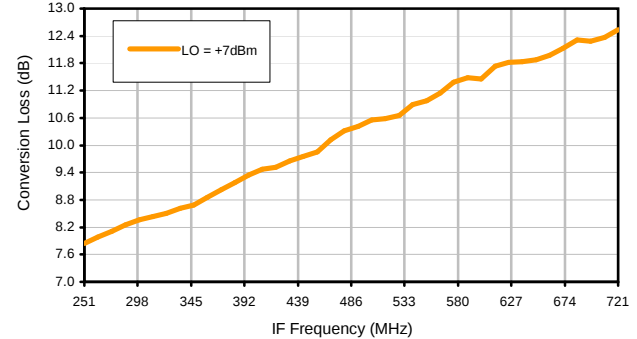
Conversion Loss vs. IF @ RF=1580.5MHz



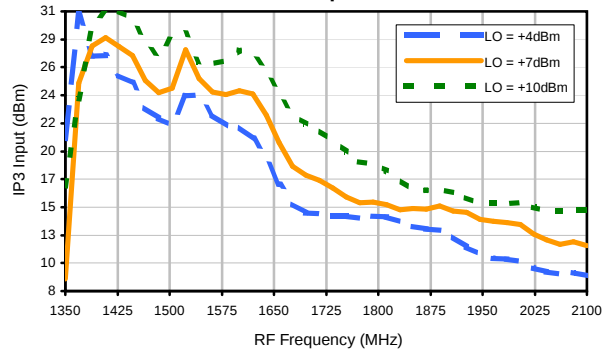
Conversion Loss vs. IF @ RF=1440MHz



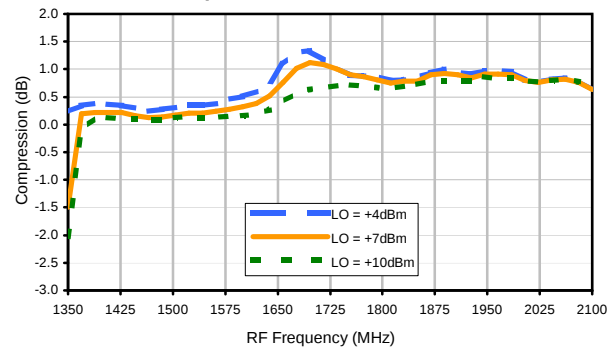
Conversion Loss vs. IF @ RF=1721.1MHz



IP3 Input

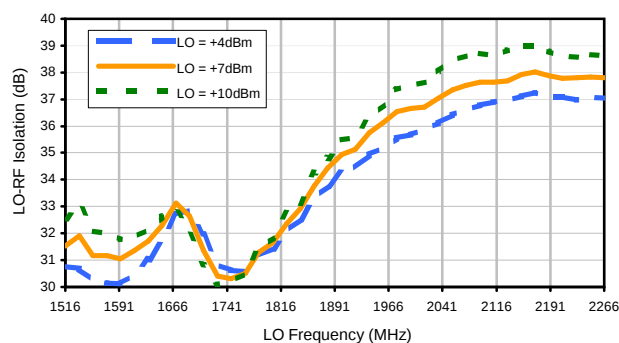


Compression @ RF IN=+10dBm

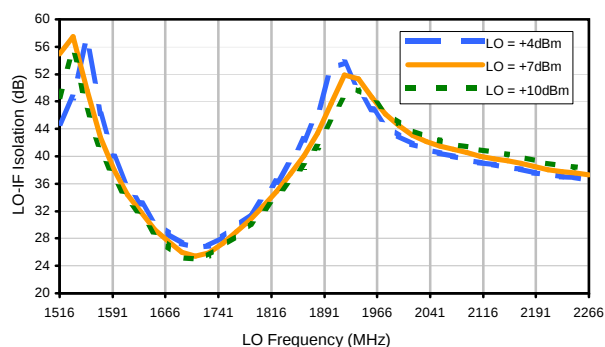


Typical Performance Curves

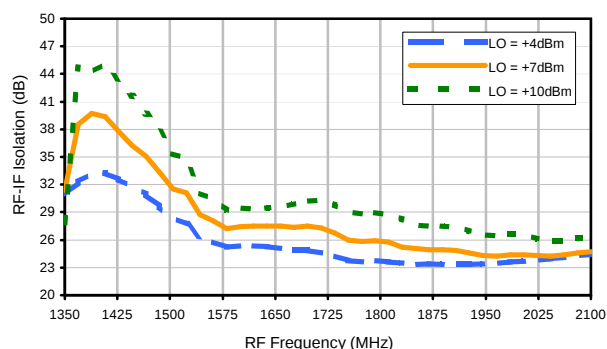
LO-RF Isolation



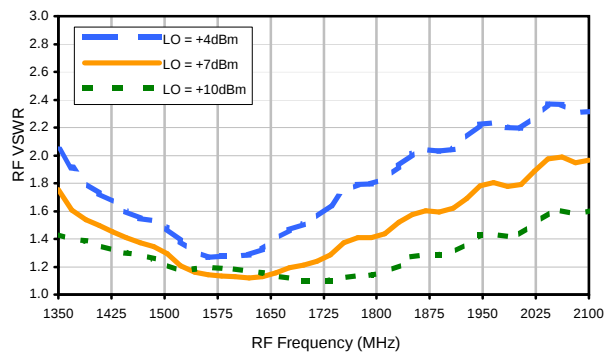
LO-IF Isolation



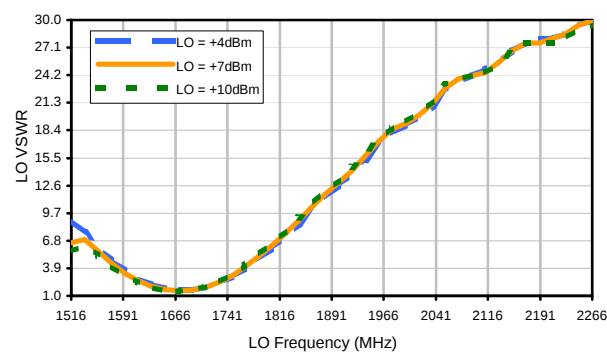
RF-IF Isolation



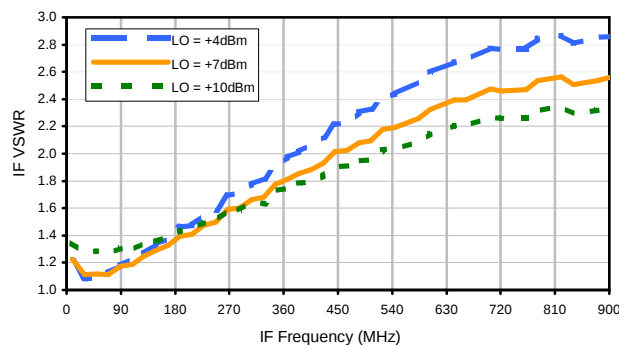
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	18	25	32	32	46	28	41	51	58
1	-	20	+0	25	22	30	32	40	52	54	41	67
2	66	53	56	56	61	58	62	60	57	65	59	72
3	>90	75	61	72	54	69	63	69	72	77	77	>78
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1580 MHz; -5.00 dBm.
LO IN: 1746 MHz; +7.00 dBm
IF OUT: 166 MHz; -12.46 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	28	35	42	41	58	41	52	57	79
1	-	20	+0	26	23	31	33	41	56	52	43	66
2	46	43	49	47	52	50	55	53	52	58	54	67
3	89	56	40	48	36	47	44	49	55	61	63	64
4	>90	69	77	70	63	72	64	68	73	70	64	75
5	>90	77	72	72	64	78	57	73	62	68	75	73
6	>90	>87	>87	86	>87	>87	78	85	79	87	>87	>87
7	>90	>87	>87	>87	87	84	84	76	75	>87	78	>87
8	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	85	>87	>87
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1580 MHz; 5.00 dBm.
LO IN: 1746 MHz; +7.00 dBm
IF OUT: 166 MHz; -2.57 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.