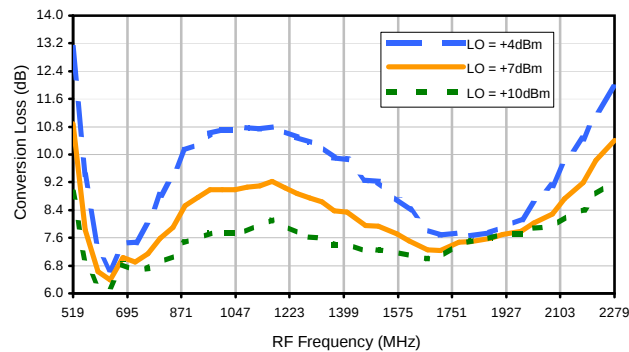
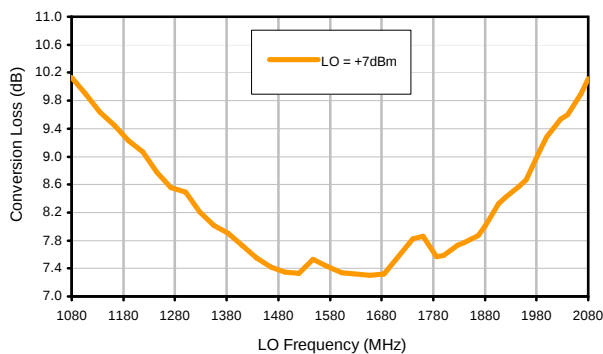


Typical Performance Curves

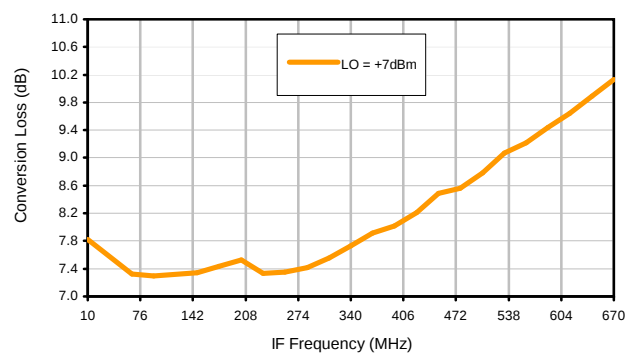
Conversion Loss @ IF=199MHz



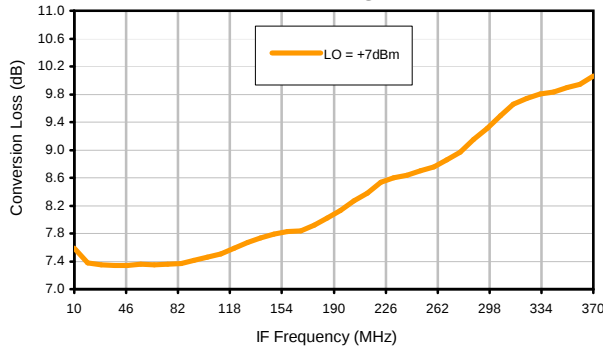
Conversion Loss vs. LO @ RF=1750MHz



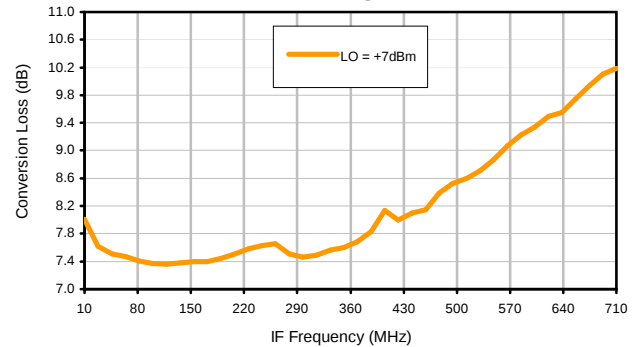
Conversion Loss vs. IF @ RF=1750MHz



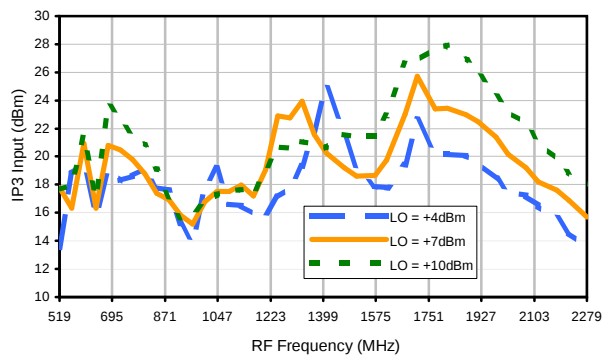
Conversion Loss vs. IF @ RF=1689.9MHz



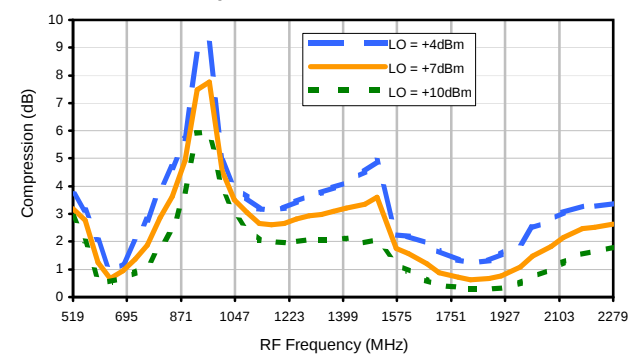
Conversion Loss vs. IF @ RF=1805.1MHz



IP3 Input

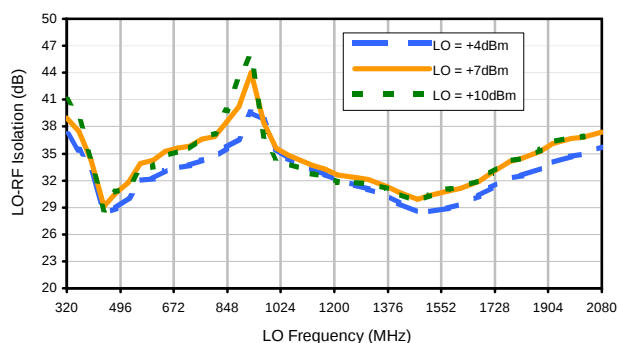


Compression @ RF IN=+14dBm

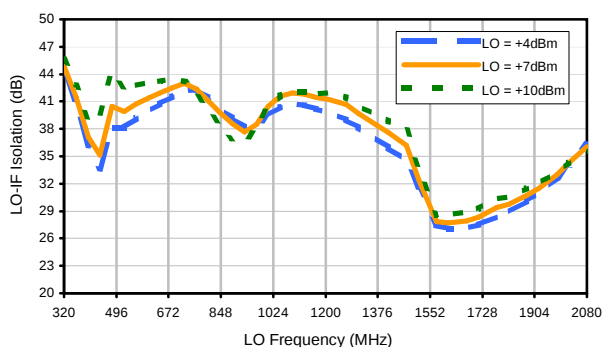


Typical Performance Curves

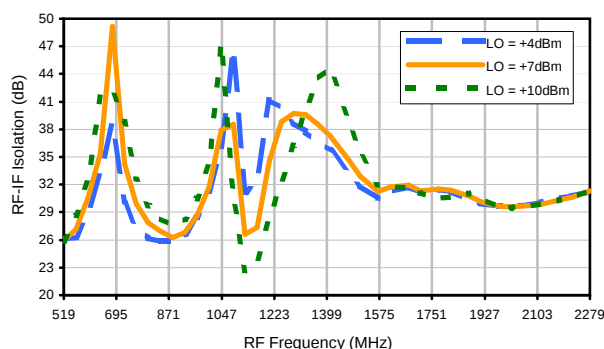
LO-RF Isolation



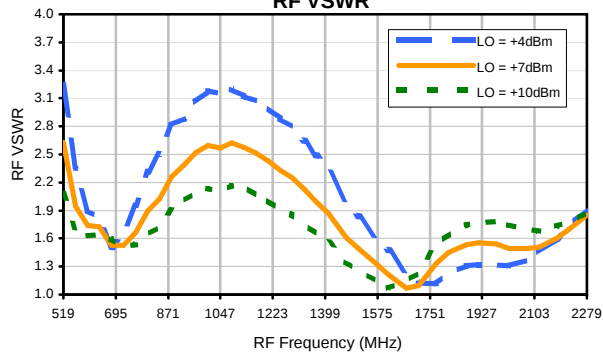
LO-IF Isolation



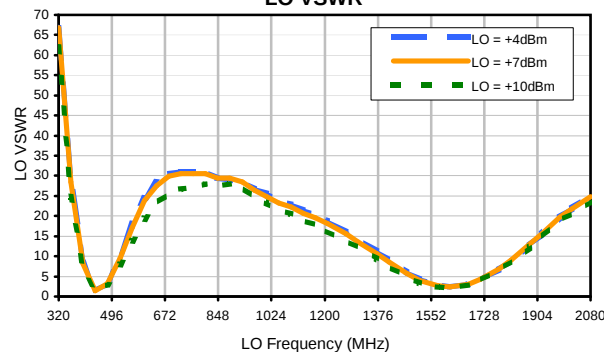
RF-IF Isolation



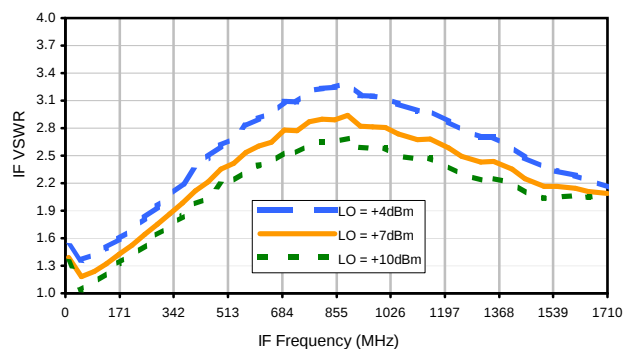
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	26	34	33	47	35	52	55	55	57
1	-	23	+0	35	17	39	27	56	36	48	47	61
2	60	43	43	38	42	40	48	48	55	54	61	63
3	>90	55	46	61	43	63	49	66	53	65	63	63
4	>90	69	73	69	81	64	66	63	71	68	78	81
5	>90	>81	>81	>81	74	>81	71	>81	72	>81	74	78
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1747.5 MHz; -1.00 dBm.
LO IN: 1548.5 MHz; +7.00 dBm
IF OUT: 199 MHz; -8.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	46	39	41	47	44	54	60	59	60
1	-	22	+0	34	18	35	29	47	43	48	59	60
2	40	34	33	29	34	37	41	46	55	60	62	66
3	71	39	29	50	28	58	35	54	43	69	53	67
4	>90	50	55	49	56	43	49	48	57	55	63	69
5	>90	71	68	57	45	64	43	57	49	80	57	70
6	>90	73	67	63	68	56	65	55	63	61	66	65
7	>90	78	81	74	79	70	57	74	56	76	59	75
8	>90	>91	83	90	83	83	90	67	76	62	69	66
9	>90	81	>91	89	90	80	83	75	69	75	67	73
10	>90	>91	86	>91	>91	88	83	82	81	74	80	70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1747.5 MHz; 9.00 dBm.
LO IN: 1548.5 MHz; +7.00 dBm
IF OUT: 199 MHz; 0.96 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.