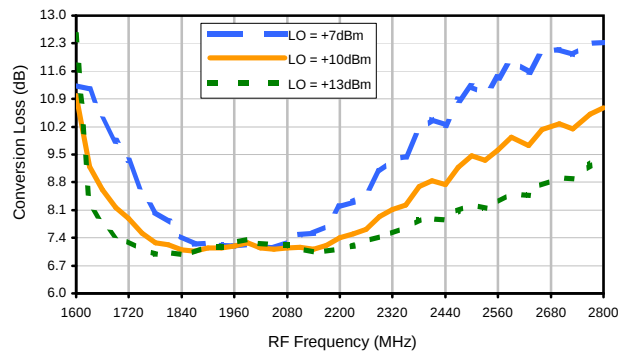
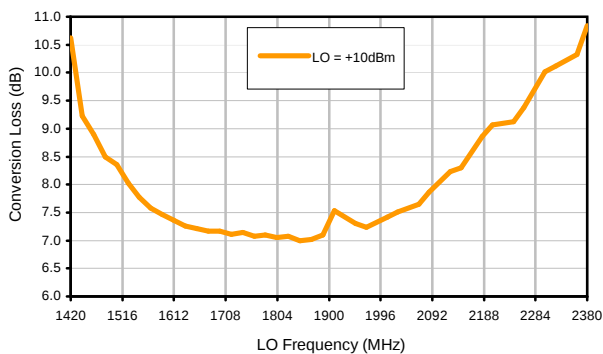


Typical Performance Curves

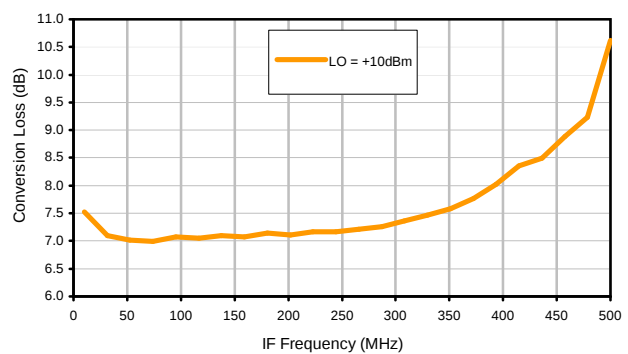
Conversion Loss @ IF=199MHz



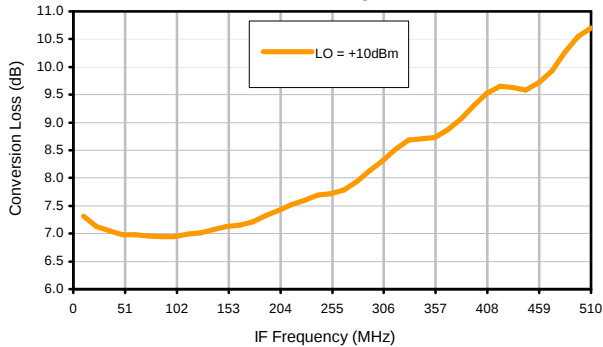
Conversion Loss vs. LO @ RF=1920MHz



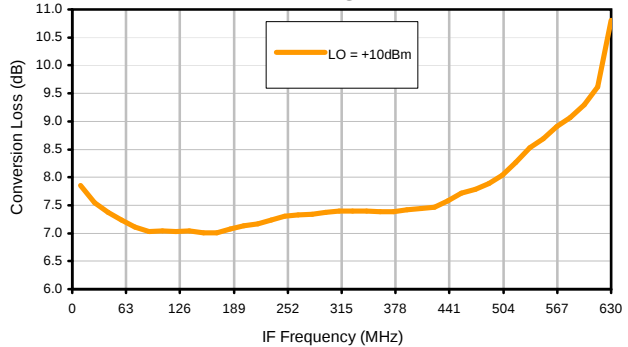
Conversion Loss vs. IF @ RF=1920MHz



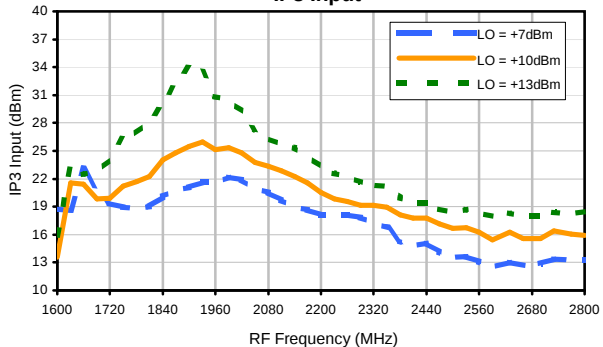
Conversion Loss vs. IF @ RF=1789.9MHz



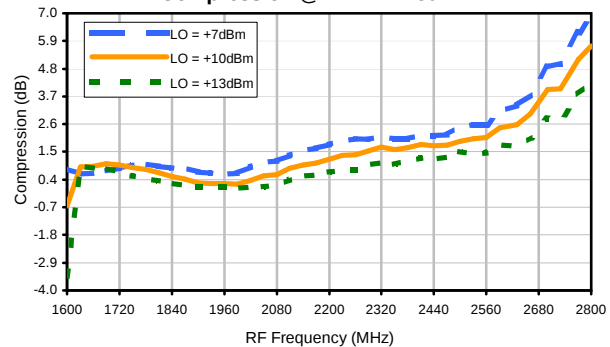
Conversion Loss vs. IF @ RF=2050.1001MHz



IP3 Input

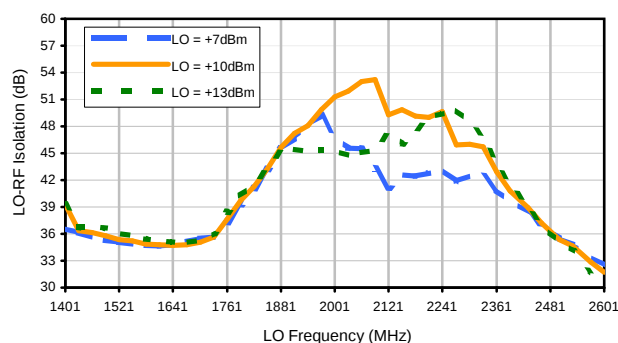


Compression @ RF IN=+15dBm

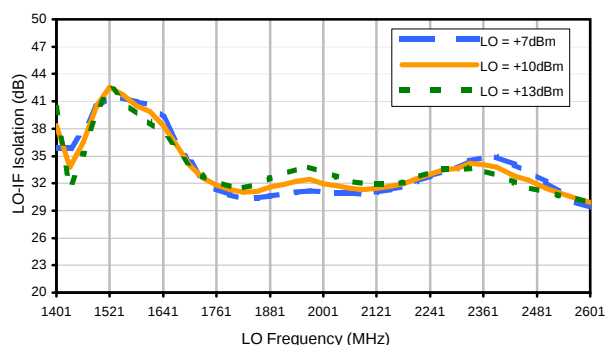


Typical Performance Curves

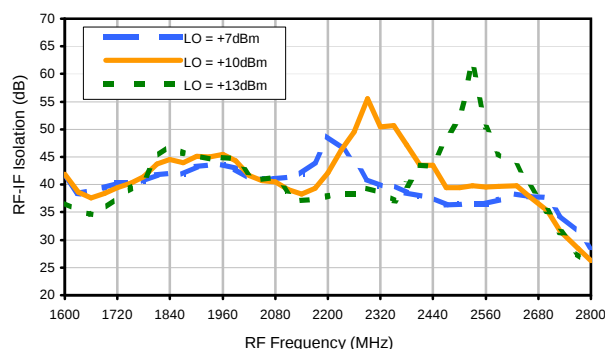
LO-RF Isolation



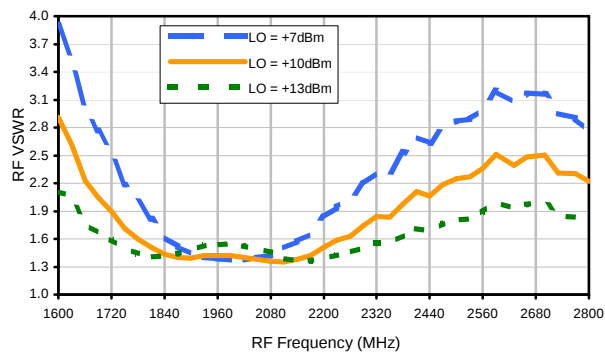
LO-IF Isolation



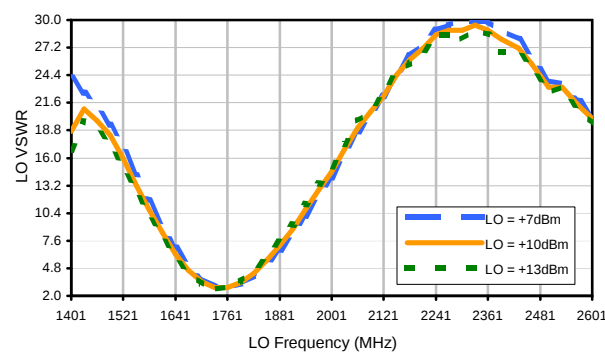
RF-IF Isolation



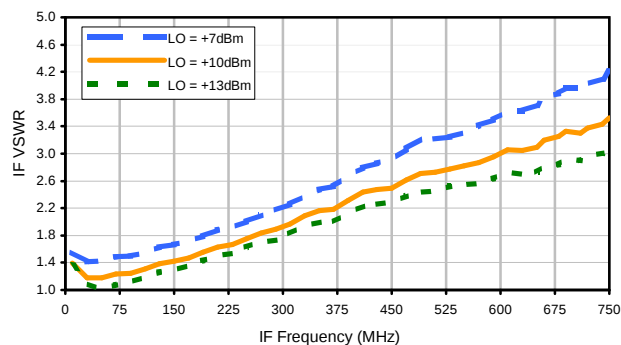
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	21	26	24	37	26	45	43	44	58
1	-	38	+0	39	18	41	27	72	53	52	55	76
2	59	47	49	56	53	52	62	57	66	51	64	66
3	>90	73	57	78	53	72	55	77	62	>83	73	80
4	>90	>83	>83	>83	82	>83	81	>83	>83	>83	>83	78
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: 1920 MHz; 0.00 dBm.
LO IN: 1721 MHz; +10.00 dBm
IF OUT: 199 MHz; -7.14 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	33	36	35	45	39	53	57	57	55
1	-	37	+0	39	18	41	29	68	55	52	56	78
2	40	38	40	45	48	43	53	49	60	46	56	68
3	67	65	38	56	34	60	37	66	44	67	62	76
4	90	68	72	66	59	66	61	60	69	77	75	54
5	>90	68	73	69	60	74	55	72	53	82	57	84
6	>90	76	78	73	72	89	73	79	73	77	78	84
7	>90	85	84	79	81	84	74	76	71	72	71	78
8	>90	>93	>93	82	>93	88	83	>93	83	92	76	85
9	>90	>93	>93	>93	>93	87	92	92	>93	89	79	80
10	>90	>93	>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: 1920 MHz; 10.00 dBm.
LO IN: 1721 MHz; +10.00 dBm
IF OUT: 199 MHz; 2.68 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.