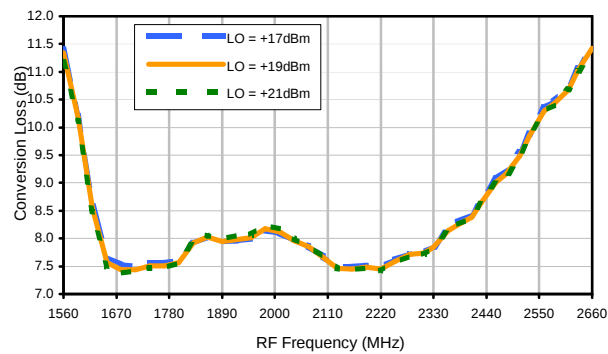
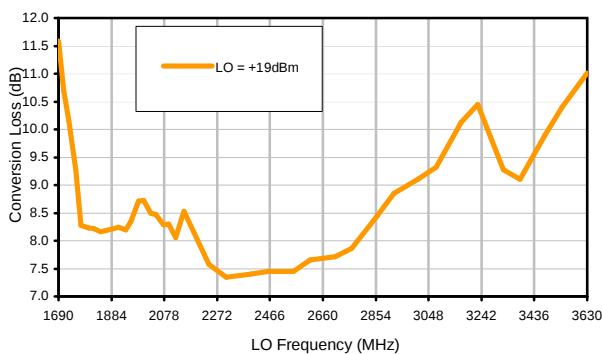


Typical Performance Curves

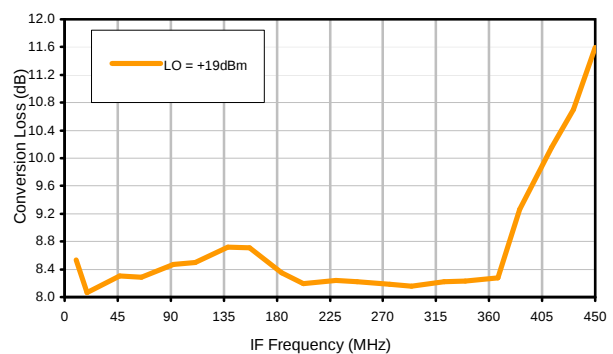
Conversion Loss @ IF=138MHz



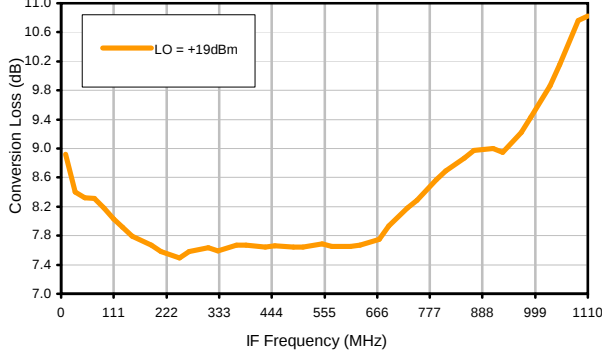
Conversion Loss vs. LO @ RF=2140.1001MHz



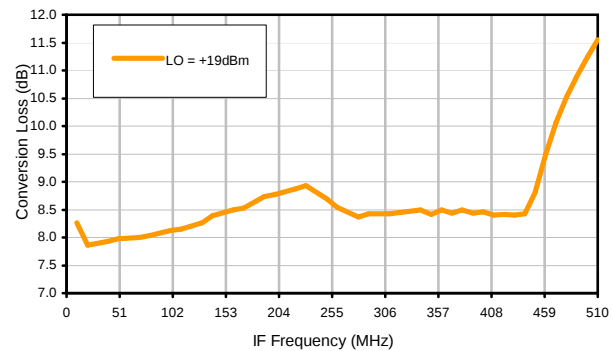
Conversion Loss vs. IF @ RF=2140.1001MHz



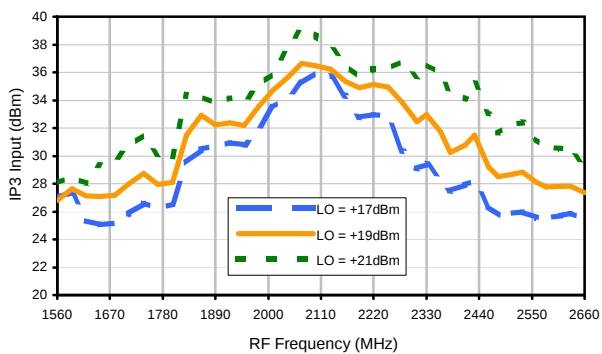
Conversion Loss vs. IF @ RF=2064.1001MHz



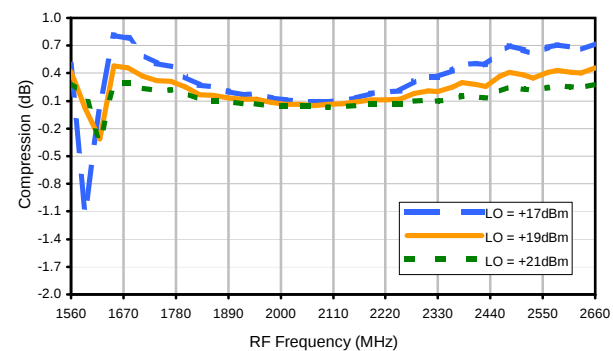
Conversion Loss vs. IF @ RF=2216.1001MHz



IP3 Input

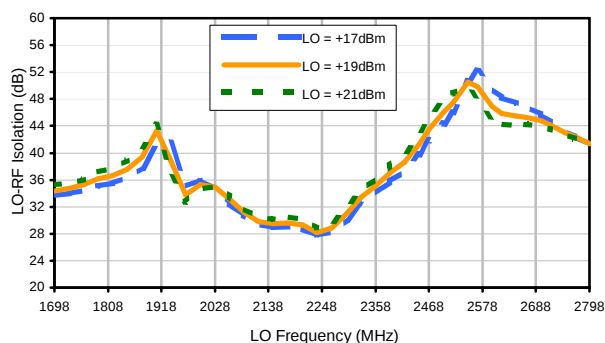


Compression @ RF IN=+15dBm

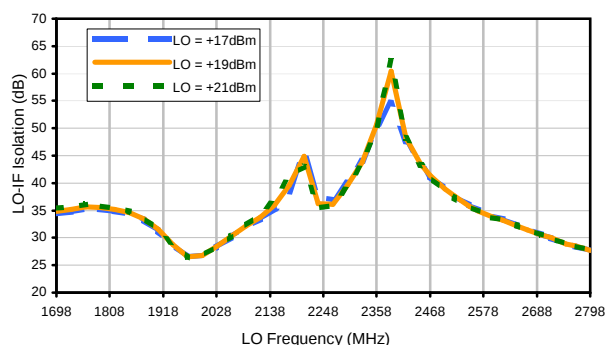


Typical Performance Curves

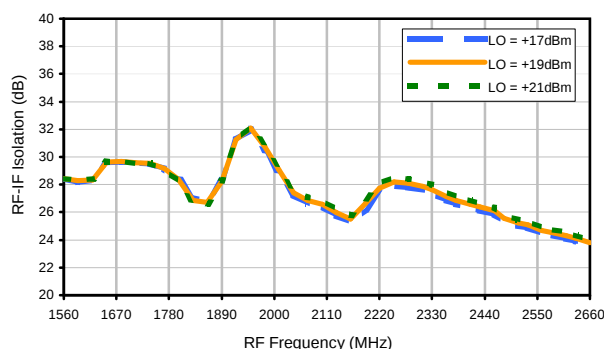
LO-RF Isolation



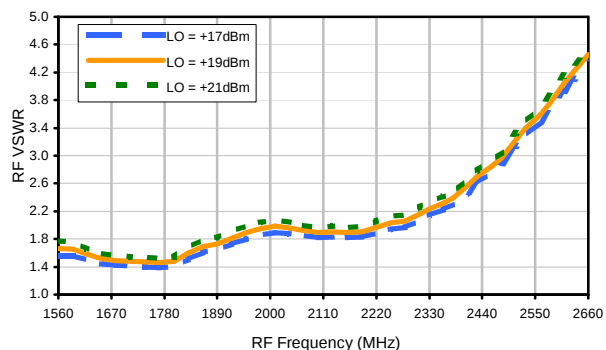
LO-IF Isolation



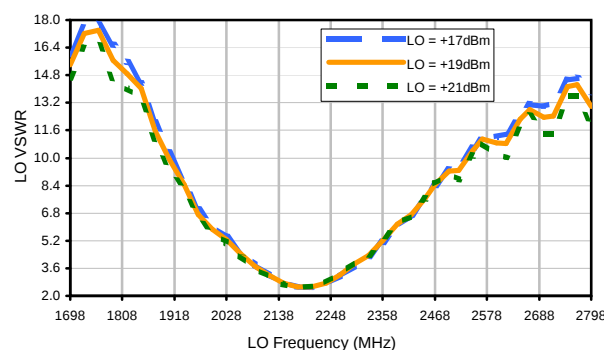
RF-IF Isolation



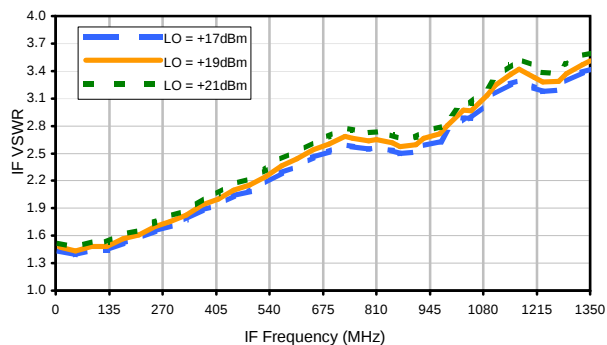
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	6	24	24	21	32	26	49	63	68
1	-	18	+0	42	42	47	39	38	53	38	>83	>83
2	58	55	62	50	62	65	79	65	73	79	67	>83
3	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
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: 2140.1 MHz; 0.00 dBm.
LO IN: 2278.1 MHz; +19.00 dBm
IF OUT: 138 MHz; -7.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	16	34	34	31	41	38	59	75	81
1	-	18	+0	42	42	48	39	38	53	38	86	90
2	38	45	52	41	53	54	74	57	65	69	60	84
3	65	74	64	67	62	74	72	79	77	81	87	76
4	>90	88	>92	74	80	75	>92	88	89	84	82	90
5	>90	>92	>92	>92	88	>92	84	92	>92	>92	>92	>92
6	>90	>92	>92	>92	>92	90	92	90	92	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>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: 2140.1 MHz; 10.00 dBm.
LO IN: 2278.1 MHz; +19.00 dBm
IF OUT: 138 MHz; 2.4 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.