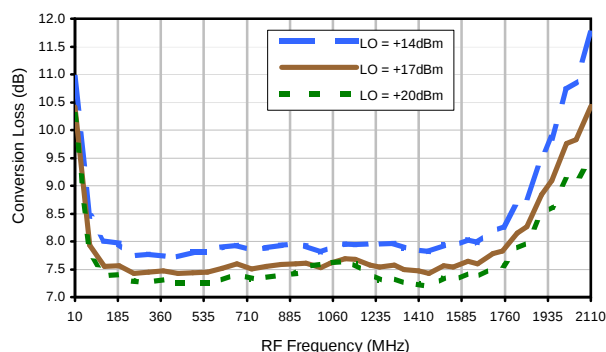
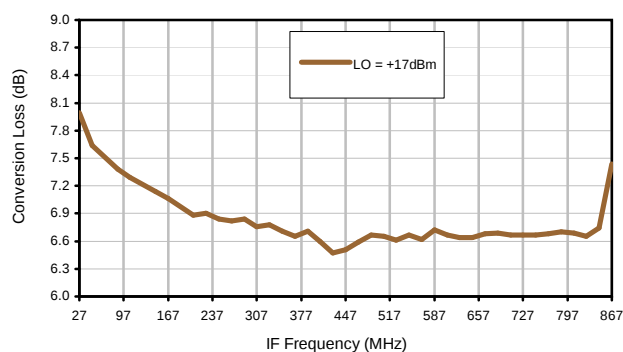


Typical Performance Curves

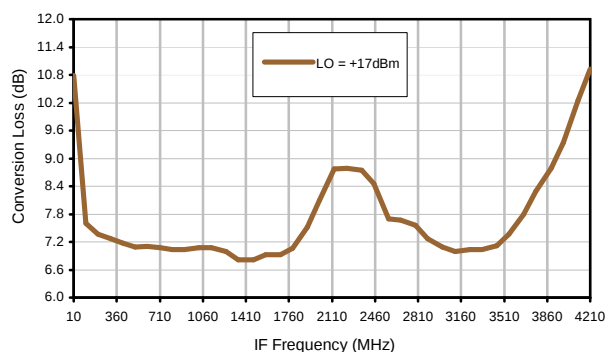
Conversion Loss @ IF=60MHz



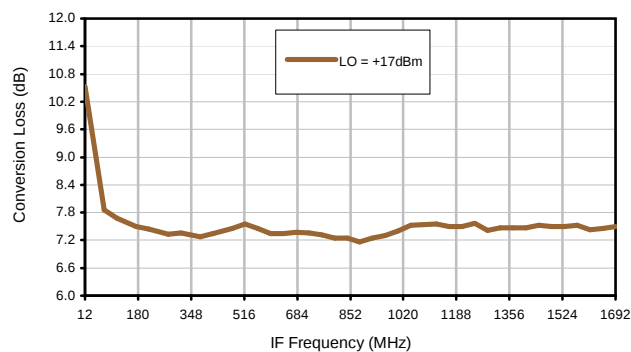
Conversion Loss vs. IF @ RF=877.1MHz



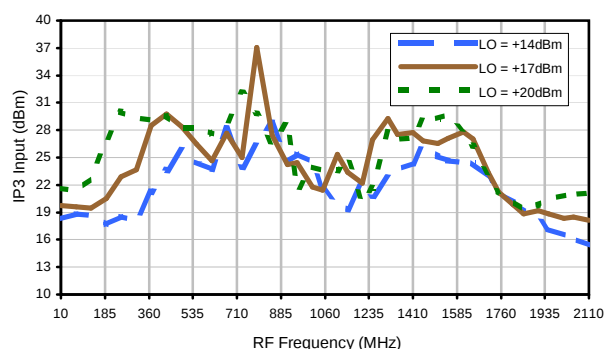
Conversion Loss vs. IF @ RF=89.9MHz



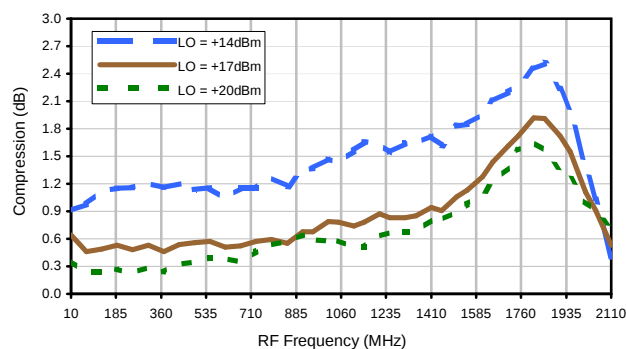
Conversion Loss vs. IF @ RF=1719.1MHz



IP3 Input

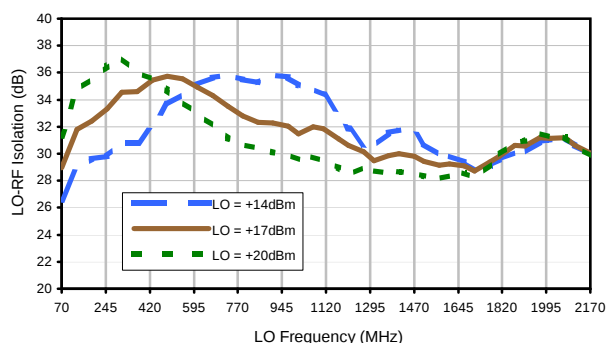


Compression @ RF IN=+14dBm

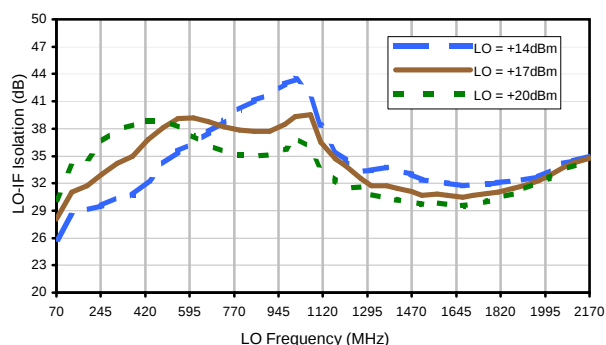


Typical Performance Curves

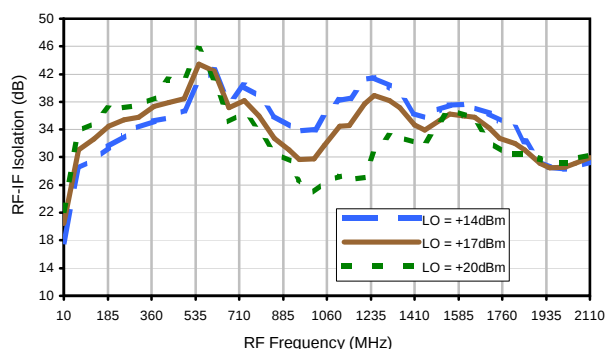
LO-RF Isolation



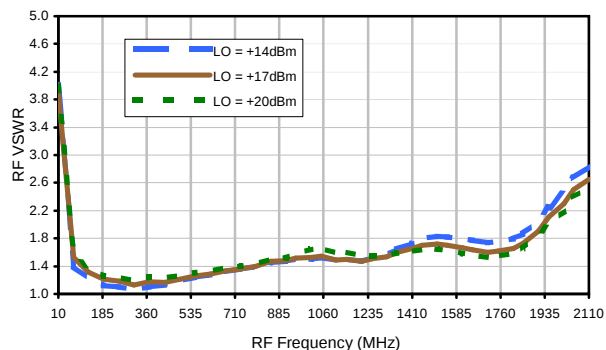
LO-IF Isolation



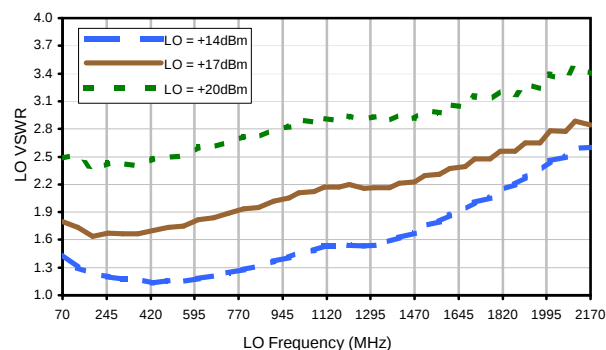
RF-IF Isolation



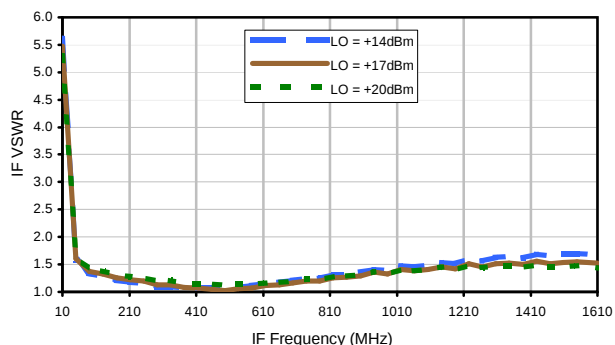
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	9	23	17	25	25	38	35	35	52
1	-	23	+0	26	12	39	25	39	31	47	44	47
2	64	55	45	61	44	56	50	46	43	53	57	58
3	>90	56	58	55	62	56	61	60	53	57	68	68
4	>90	74	73	73	70	73	67	75	72	73	64	78
5	>90	>81	>81	>81	>81	80	81	80	>81	>81	80	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: 900 MHz; -1.00 dBm.
LO IN: 960 MHz; +17.00 dBm
IF OUT: 60 MHz; -8.65 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	19	36	32	37	42	52	54	50	46
1	-	26	+0	30	12	46	29	45	39	54	50	56
2	44	51	35	50	37	56	41	44	45	53	63	55
3	69	51	40	47	41	45	44	55	40	54	53	70
4	>90	68	62	60	61	57	53	59	51	59	50	65
5	>90	56	54	58	54	57	57	55	57	63	54	63
6	>90	67	63	67	61	69	71	64	60	66	62	65
7	>90	70	77	76	72	69	67	73	66	61	71	62
8	>90	80	88	67	66	74	66	88	76	75	88	66
9	>90	75	72	77	67	70	62	71	61	66	72	66
10	>90	63	75	66	79	58	65	62	66	60	64	71
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; 9.00 dBm.
LO IN: 960 MHz; +17.00 dBm
IF OUT: 60 MHz; 1.31 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.

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