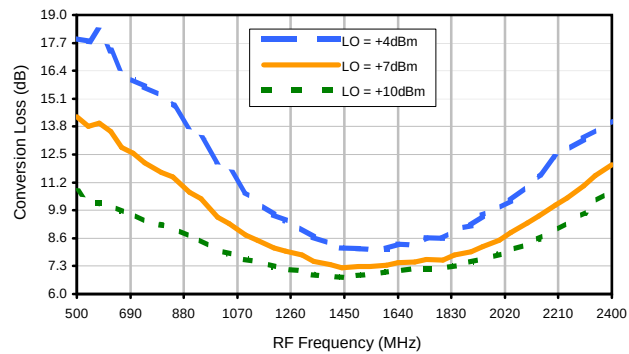
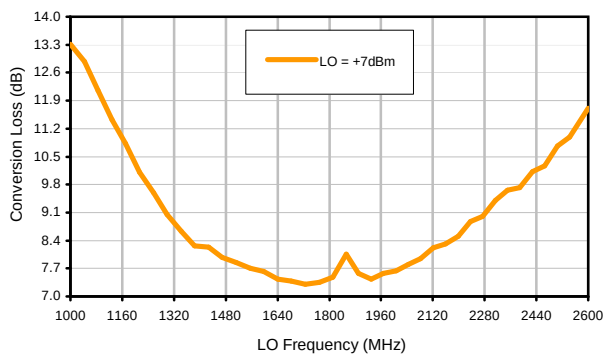


Typical Performance Curves

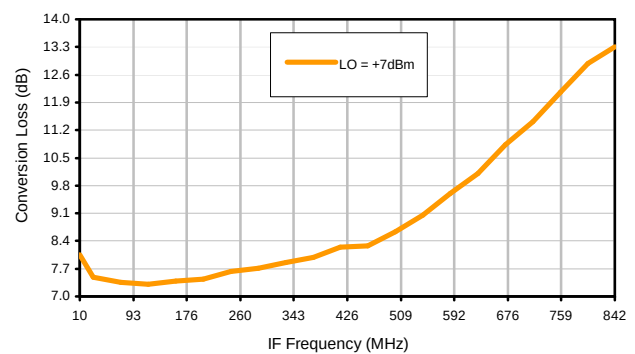
Conversion Loss @ IF=199MHz



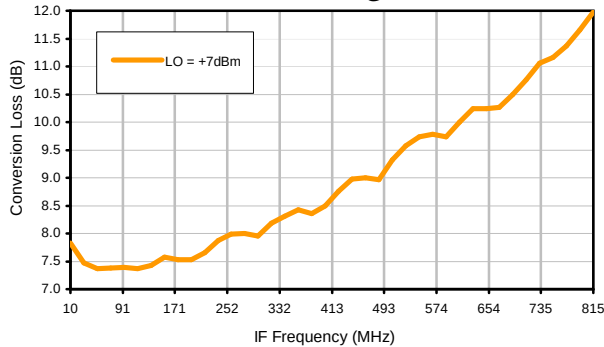
Conversion Loss vs. LO @ RF=1842.5MHz



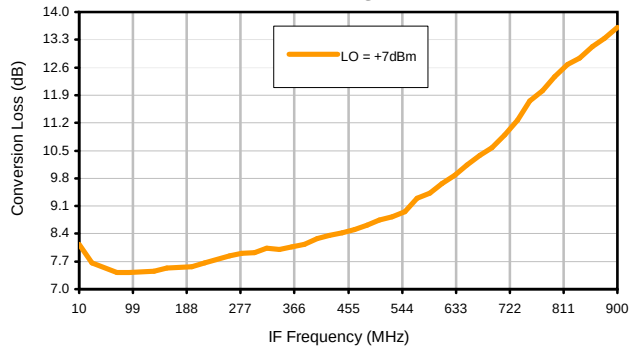
Conversion Loss vs. IF @ RF=1842.5MHz



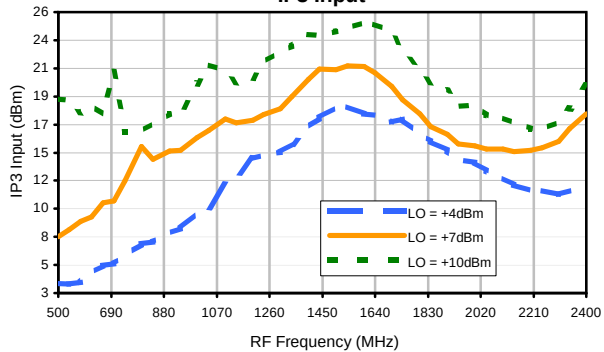
Conversion Loss vs. IF @ RF=1785MHz



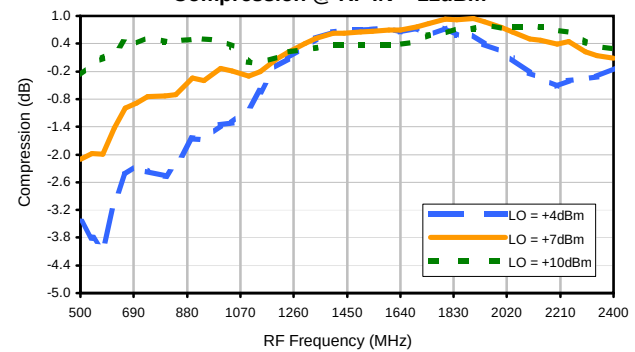
Conversion Loss vs. IF @ RF=1900.1MHz



IP3 Input

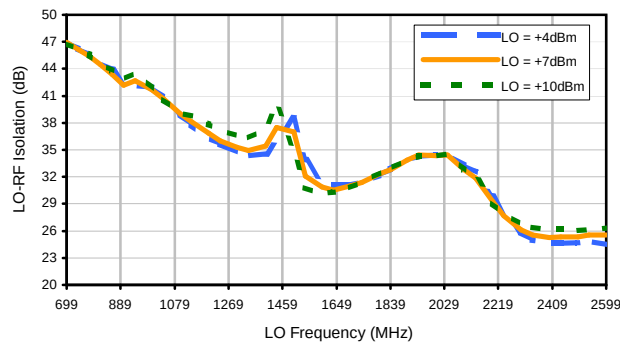


Compression @ RF IN=+11dBm

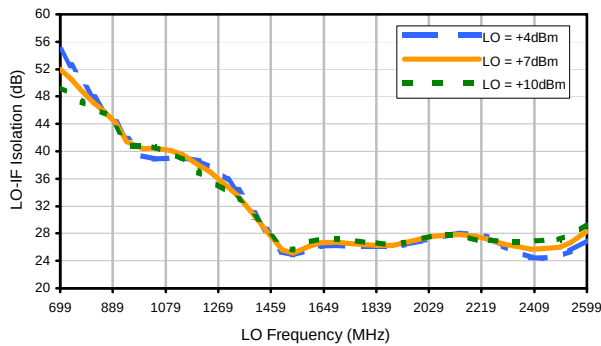


Typical Performance Curves

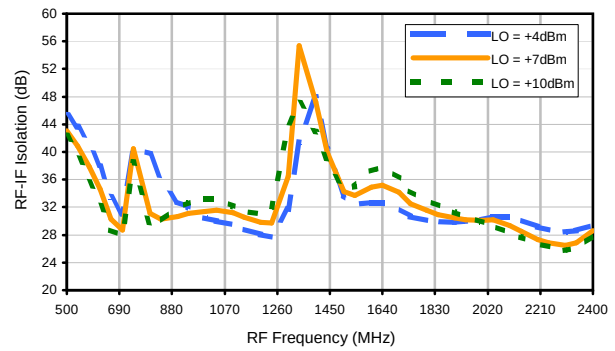
LO-RF Isolation



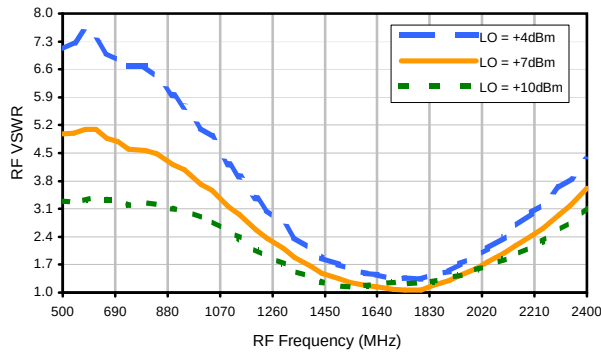
LO-IF Isolation



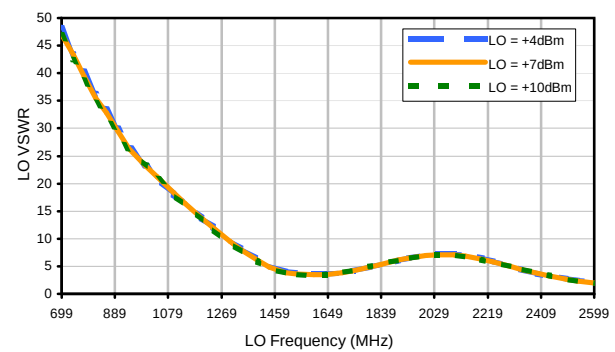
RF-IF Isolation



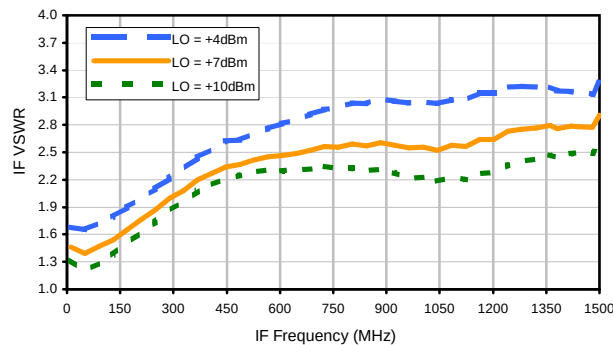
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	23	58	49	34	38	50	57	>78	73
1	-	22	+0	29	20	52	37	47	58	47	73	75
2	66	36	35	46	43	54	54	49	51	55	67	69
3	>90	59	46	50	44	53	52	67	58	69	64	72
4	>90	76	64	71	65	64	71	70	74	67	71	>78
5	>90	>78	>78	>78	72	68	69	74	66	>78	77	>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: 1842 MHz; -4.00 dBm.
LO IN: 2041 MHz; +7.00 dBm
IF OUT: 199 MHz; -12.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	35	39	43	41	55	62	67	86	79
1	-	24	+0	40	19	50	36	53	45	73	72	>87
2	46	27	29	44	48	52	50	60	53	81	79	82
3	81	41	29	38	30	43	43	56	55	64	66	72
4	>90	57	48	51	46	51	67	63	65	71	66	85
5	>90	56	61	55	43	48	44	54	62	74	72	70
6	>90	60	80	64	63	66	55	59	74	81	74	70
7	>90	83	70	78	64	58	56	57	55	63	68	84
8	>90	77	86	64	83	68	66	66	65	65	79	>87
9	>90	>87	87	83	76	79	67	68	63	65	65	75
10	>90	>87	>87	80	87	70	81	72	73	68	72	75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1842 MHz; 6.00 dBm.
LO IN: 2041 MHz; +7.00 dBm
IF OUT: 199 MHz; -2.51 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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