

Table 1: Flex-6700 v1.3.8 NPR test, October 2014. VA7OJ.

U/L	Bandstop kHz	Bandpass kHz	Noise loading dBm				NPR dB				Calc. NPR (ADC) <sup>b</sup>
			RF Gain dB				RF Gain dB				
			0	+10dB	+20	+30	0	+10	+20	+30	
L	1940	60-2048	-5	0	-17	-26	66 <sup>a</sup>	73	73	66	80.5
L	1940 WIDE		-5	-18	-16	-31	71	68	76	65	
L	3886	60-4100	0	-1	-16	-30	74	72	72	67	77.4
L	3886 WIDE		0	-12	-16	-32	73	72	71	66	
U	5340 <sup>c</sup>	60-5600	-1	-13	-23	-33	75	71	71	68	76.1
L	7600 <sup>c</sup>	316-8160	-1	-13	-24	-33	74	71	70	65	74.6

**Notes on NPR test:**

- a. Note NPR degradation as compared to WIDE value at 0 dB gain. This may indicate some passive IMD in 160m preselector. Normally, NPR increases with the preselector in-line.
- b. The calculated NPR value for the ADC is the theoretical value for the ADI AD9467 ADC, normalized to the noise bandwidth (bandpass filter BW) used in each test case.

[http://www.ab4oj.com/test/docs/16bit\\_npr.pdf](http://www.ab4oj.com/test/docs/16bit_npr.pdf)

- c. WIDE only (no preselector at these test frequencies).