

Table 1: NPR Test Results, IC-7800 # 0201877. 24 June 2013. VA7LWE.

DUT	BSF kHz	BLF kHz	Config	MDS dBm ¹	P _{TOT} dBm	BWR dB	NPR dB
IC-7800	1940	60...2044	Preamp off R15	-121	-6.0	29.2	85.3
			R6		-5.0		84.3
			R3		-4.9		81.4
			Preamp 1 R15	-132	-17.3		85.0
			R6		-15.2		85.1
			R3		-14.1		83.2
			Preamp 2 R15	-136	-22.5		83.8
			R6		-22.2		82.1
			R3		-21.5		79.8
			Digisel R15	-118	-5.0		83.3
			R6		-5.0		81.3
			R3		-3.8		79.5
	3886	60...4100	Preamp off R15	-121	-9.8	32.3	78.6
			R6		-4.3		82.0
			R3		-1.5		82.0
			Preamp 1 R15	-132	-22.7		76.7
			R6		-13.7		83.5
			R3		-12.0		82.2
			Preamp 2 R15	-136	-28.6		74.6
			R6		-22.8		78.4
			R3		-21.8		76.4
			Digisel R15	-120	-9.4		78.6
			R6		-1.5		84.0
			R3		+0.5		83.0
	5340	60...5600	Preamp off R15	-122	-8.7	33.6	79.4
			R6		-4.2		81.9
			R3		-1.2		82.0
			Preamp 1 R15	-133	-23.3		75.5
			R6		-14.7		82.4
			R3		-12.1		82.0
			Preamp 2 R15	-137	-28.1		75.0
			R6		-23.5		77.6
			R3		-22.1		76.0
			Digisel R15	-122	-8.8		79.3
			R6		-1.5		84.6
			R3		-0.1		83.0
7600	316...8160	Preamp off R15	-122	-3.8	35.1	79.4	
		R6		-1.2		83.1	
		R3		+0.4		82.0	
		Preamp 1 R15	-133	-15.5		82.1	
		R6		-10.1		85.4	
		R3		-8.5		84.1	
		Preamp 2 R15	-137	-21.4		80.2	
		R6		-16.4		83.5	
		R3		-15.7		80.9	
		Digisel R15	-124	-4.8		79.3	
		R6		-1.5		84.6	
		R3		-0.1		83.0	

BSF: Bandstop (Notch) Filter.

BLF: Band Limiting (Bandpass) Filter.

Notes: 1. MDS shown for R15. Correction factors: R6: -2 dB. R3: -5 dB.