

Transmit phase noise measurements IC-7300 with Perseus

Measurements made with three different resolution bandwidths

Attenuation between rig at 100 watts and Persues 53 dB.

Level into Perseus -3.1 dBm. Frequency 14.2 MHz

Offset	RBW Hz	Phase Noise dBc	Transmit noise key up dBc
2	30.5	-122	
5	30.5	-126	
10	30.5	-125	-131
20	30.5	-124	
2	61	-123	
5	61	-125	
10	61	-124	-131
20	61	-123	
5	122	-124	
10	122	-125	-131
20	122	-124	
50	122	-129	
70	122	-131	
90	122	-129	

Note: At 70 kHz offset, key up / key down phase noise difference unresolvable.