

N9EWO ICOM IC-R8600 "SPECTRUM SCOPE" Adjustments

(using Steve Ellington N4LQ IC-7300 data as a base, but is not exact)

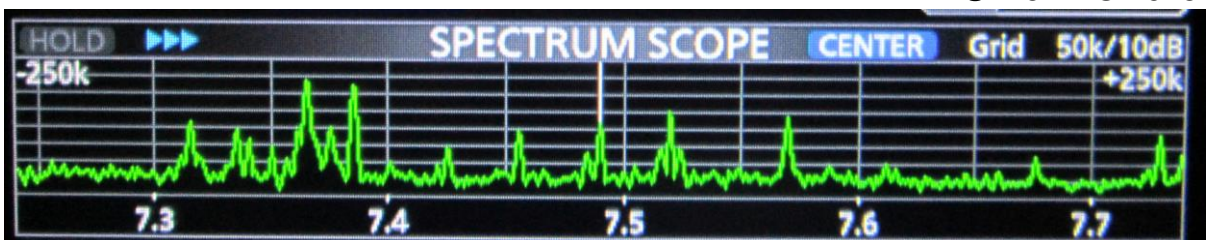
IMPROVED "NO-FILL" SPECTRUM SCOPE - WATERFALL CHANGES

Access "Spectrum Scope" Settings Menu : (press and hold) " EXPD / SET " (change settings as below , all others are left at default)

PAGE	ITEM	DEFAULT	** NEW SETTING **
1/5	Max Hold	10s Hold	OFF
1/5	CENTER Type Display	Filter Center	Carrier Point Center (ABS Freq)
2/5	Averaging	OFF	4
2/5	Waveform Type	FILL	FILL + LINE
2/5	Waveform Color (Current) [FILL COLOR]	R : 172 G : 191 B : 191	R : 0 G : 0 B : 0
2/5	Waveform Color (Line) [LINE COLOR]	R : 56 G : 24 B : 0	R : 0 G : 255 B : 0
3/5	Waterfall Display	ON	OFF
4/5	Waterfall Size (Expand Screen)	Mid	* Small
4/5	Waterfall Peak Color Level	Grid 8	Grid 4

Important Note: Be sure that the "VBW" (page 2/4) is selected on NARROW also located in the "scope set" menu (Default is "Narrow").

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Improved "Spectrum Scope" settings for the ICOM IC-R8600. Waterfall not selected in standard screen due to the limited space available (much more useful in EXPD Screen, "Small" Size). Adjusting the "Center Type Display" to "Carrier Point Center (ABS Freq)", will give for proper "centered" showing of AM signals on the scope and will also show frequency on the bottom scale in "center" mode, which is a more desirable setting. Please Note : To equal the IC-7300 transceiver "Spectrum Scope" sensitivity (tested for 30 MHz and below), the "REF Level" was increased to + 4.0 dB (firmware 1.20).

* - This will allow for the largest viewable "Spectrum Scope" (when in "Expand Screen")

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