Lab# EE 361 - Actual values + 150. 7MHZ (lassica) (ain: 12.7 +B Sample Rato: 2. 9 Msamples TUNOV AGC: Off sk 2: Two sin to ku65 see scheen shot 06 ser vations: - Protty hart to fregularies - A lot of little spikes of noise in the 80's (at 86.9M Most FM in

Noise floor: -571B How to meas wo recie Vet: 1) Set up own transmitter with known powel 2) Look up FCC value s compare with recieves Measure rechergy area trom with & mosion neight * Turning SPTECAY town gives you Momory, which shows you average shape, & we can tivide by time to got power

* 5- Jecay = 0 *5 - attack = 3 FStimate of volative vecieved power: -298B * Turn 5- tocas up & back town again to reset Noise Floor: -55 JB SNR - 29-(-55)= 26 JB Can minimize side lobos angle of antenna We see noise in bant Touching antenna raisas everything, & finds now Signals

- Only touching with Tristans with hand seemed to help - changing length of antenna changes recieved fourt toes not change the noise much inglies that we seeing thermal noise

Task 4. Turned town: 19,20 18.2 noise floor dechauses by 31B when deray:0 (JB) MHZ -42 -56 49.6 40 + 35 (Clipping) 38 + 96.9 MHZ: WE could borely make out the autio when we set the gain to OBB

Anything above CBC Ratio 1: Under the influence with Terry O'Reilly (mike) Freq 1 Str/weak Call lotters Fromcomos MED MELL Pur relatively peaky 46.811 -3088 3.8 - 45B

We were near the steam building @ 92.9MHZ KISM 16.7 miles away Freq call sign List received ERP 92.9 KISM 16.7 -35h x0.005m 103.5 CHQM 46.9 -38.5x0.125 16.7 -54 ×0.00 104.1 KAFE F109: 453.225MHZ (Blice)
Peak: =51B

9ain: 12.71B Freg 453.55 MHZ Peak: II/A
gain: 12.5+B
expelotively stronger

EE433 Lab5 Theory Questions NUM TAPS ((technically not a varia /but a sefine is c fir Coeff F32

Its a Jaclar ation