

Input
gui

EIRP ACLR Script Module

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https://gitlab2.ext.net.nokia.com/anttang/FSW_Automation

tx_bw, adj_bw, alt_bw, adj_space,
alt_space, user_standard

Setup stuff

Convert GHz to Hz
for SCPI

Establish pyvisa
connection

*RST
reset fsw

Establish ACP channels
based off input

:SEL ACP
Select ACP
measurement

Create Channels and
Names

TXCH: COUN 1
NAME:CHAN1 'tx'

ACH:ACP 2
Create 2 adj/alt
channels

Name channels adj
and alt1

Set trigger somewhere around here
when we have AM

Define bandwidth for
channels

<tx_bw>, <adj_bw>,
<alt_bw>

Define spacing
between channels

<alt_space>
<adj_space>

config channels for
measurement

Set reference
channel to relative

Define tx_ch as the
reference

Save <user_std>

Do the
measurement

"POW:ACH:PRES
ACP;*WAI"
the measure part

INIT:WAI*;
sync

CALC:MARK:FUNC
:POW:RES? ACP
query results

Return

@LOC
return local control

