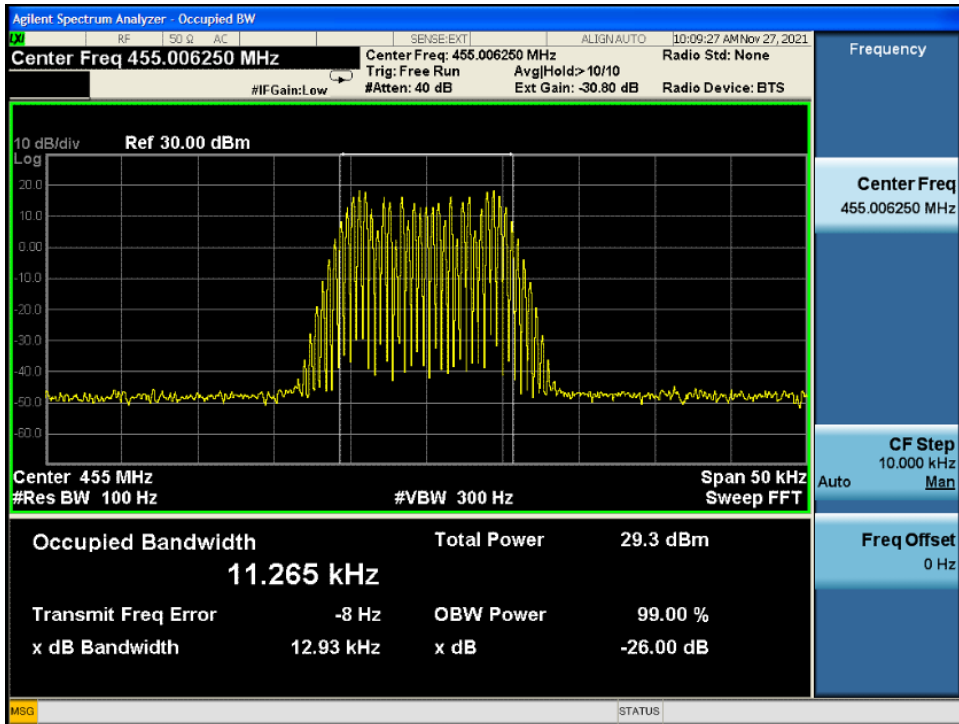
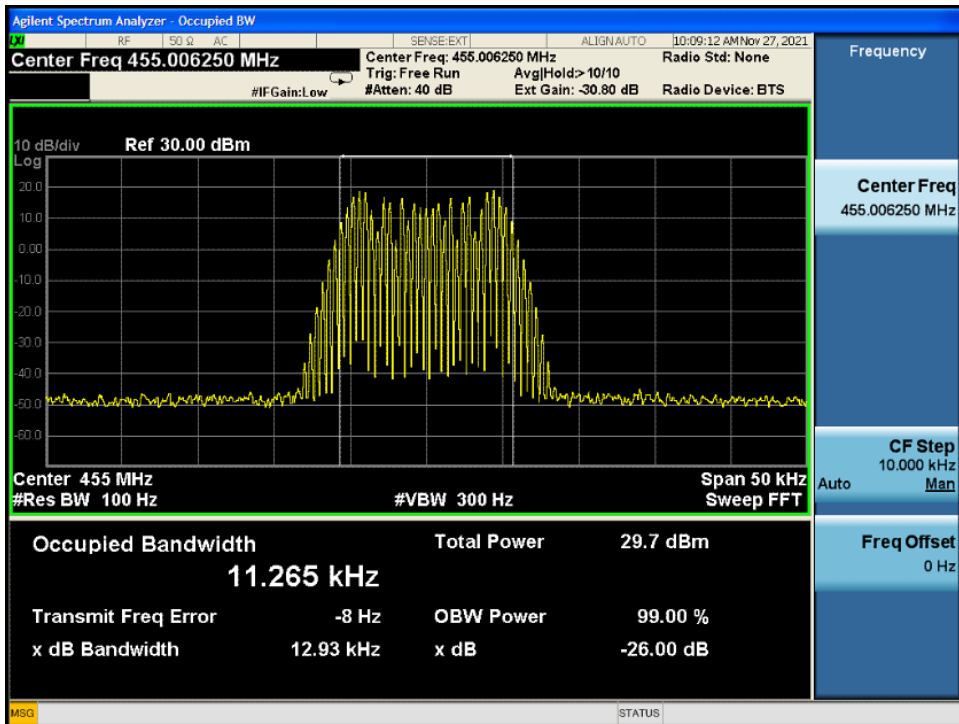


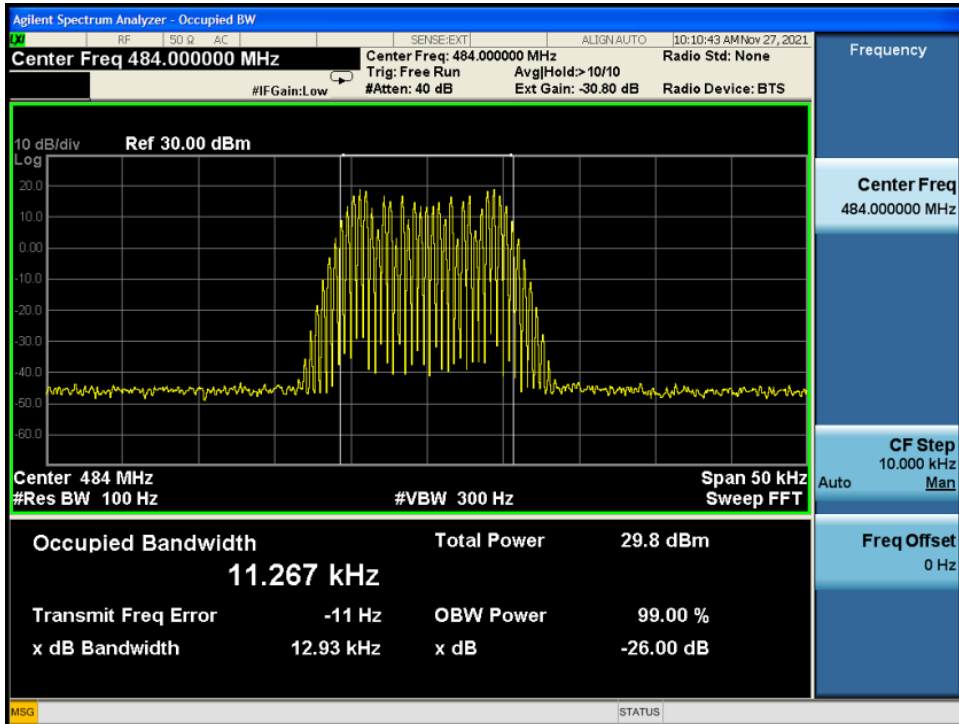
10.5.5.2.1.2.4. 12.5kHz Analog FM mode



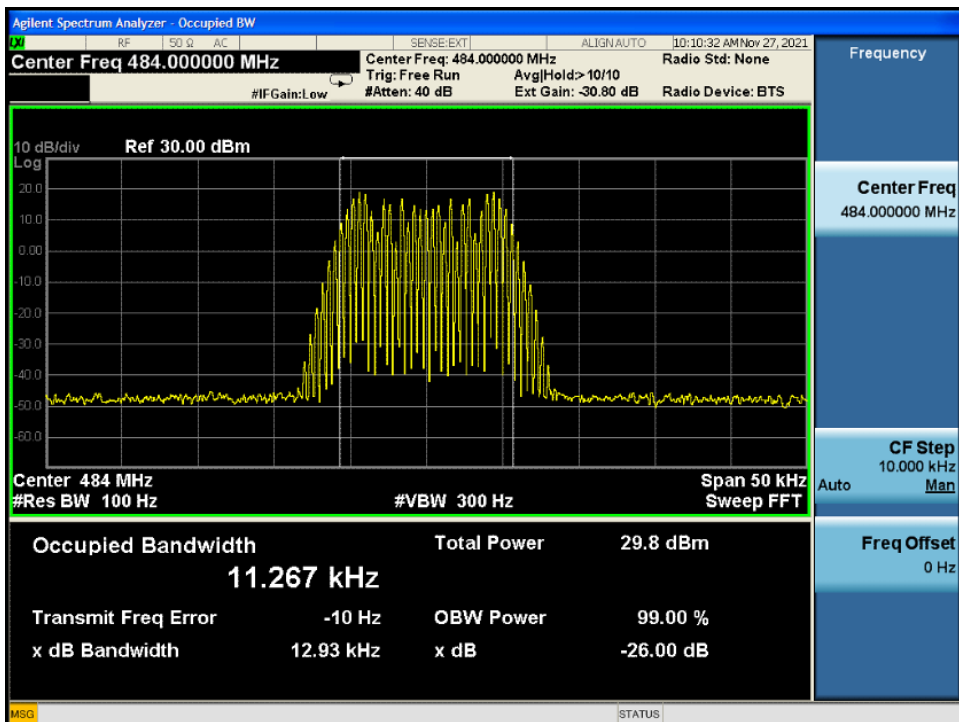
With the input signal amplitude set the AGC threshold
Low Frequency: 455.00625MHz



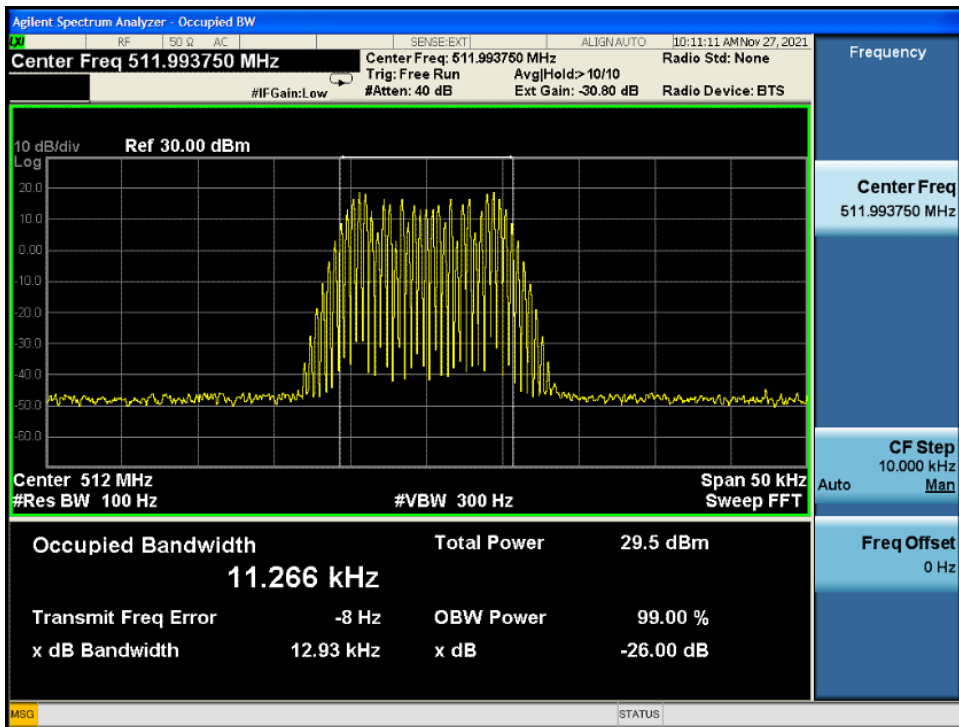
With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 455.00625MHz



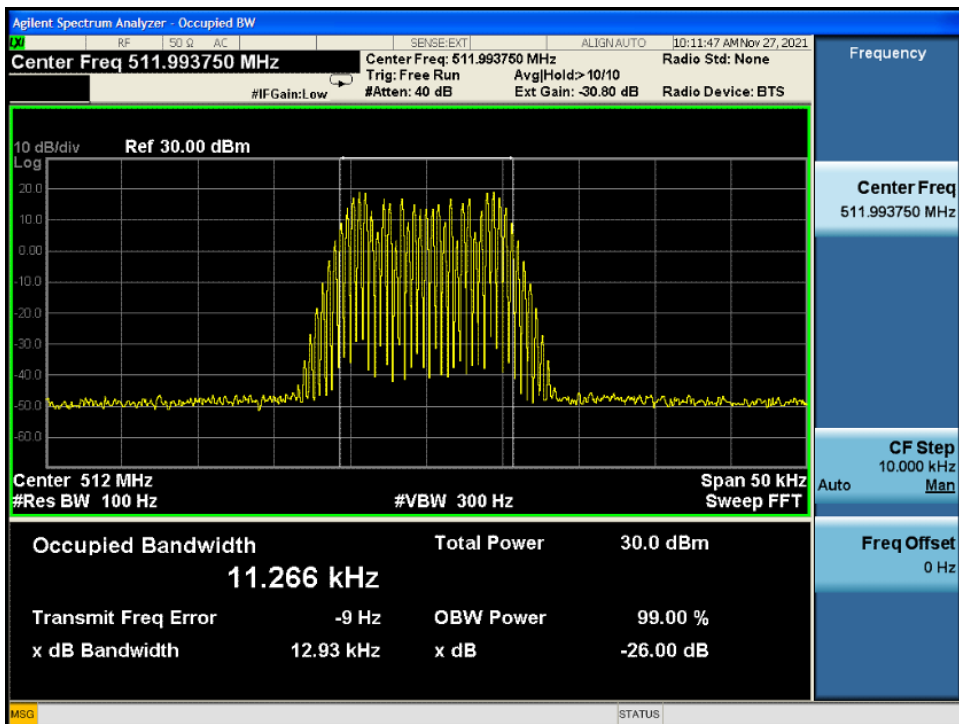
With the input signal amplitude set the AGC threshold
 Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
 Middle Frequency: 484.0MHz

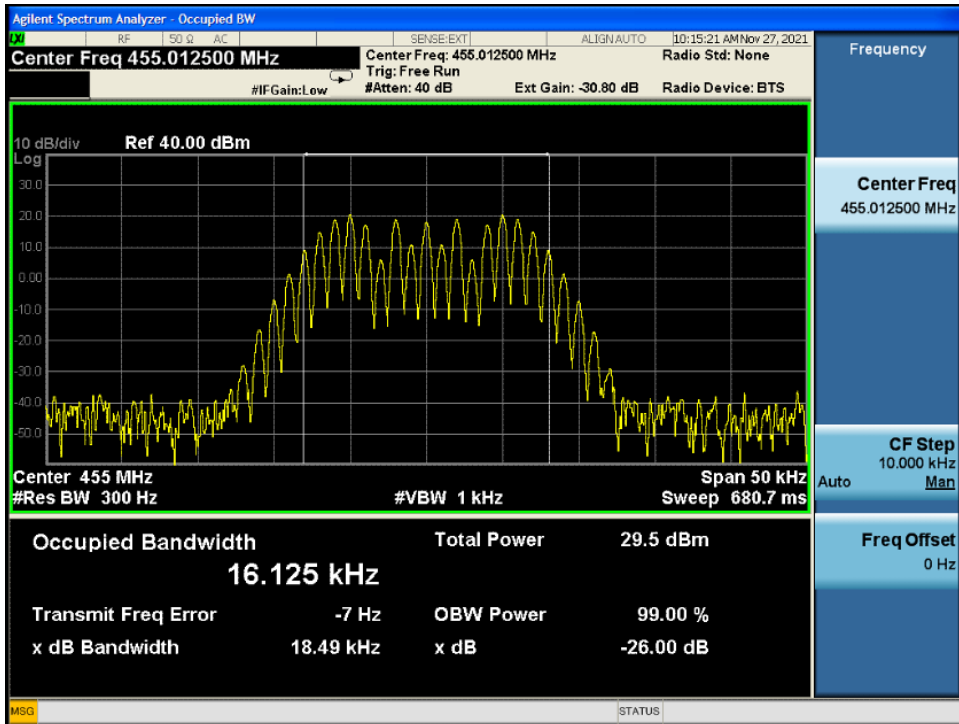


With the input signal amplitude set the AGC threshold
 High Frequency: 511.99375MHz

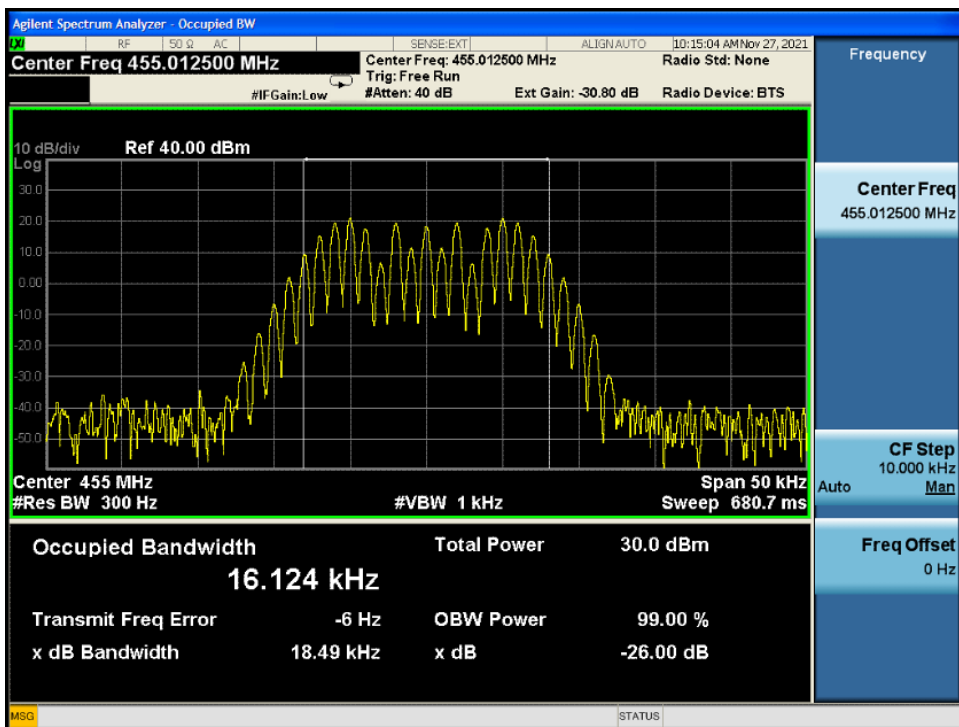


With the input signal amplitude set 3 dB above the AGC threshold
 High Frequency: 511.99375MHz

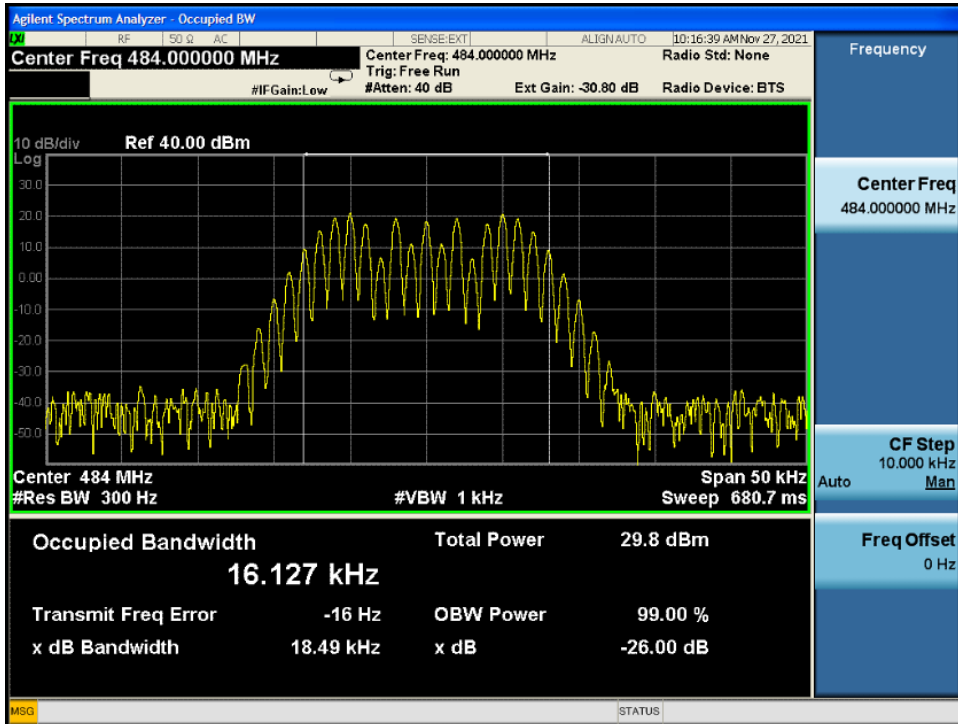
10.5.5.2.1.2.5. 25kHz Analog FM mode



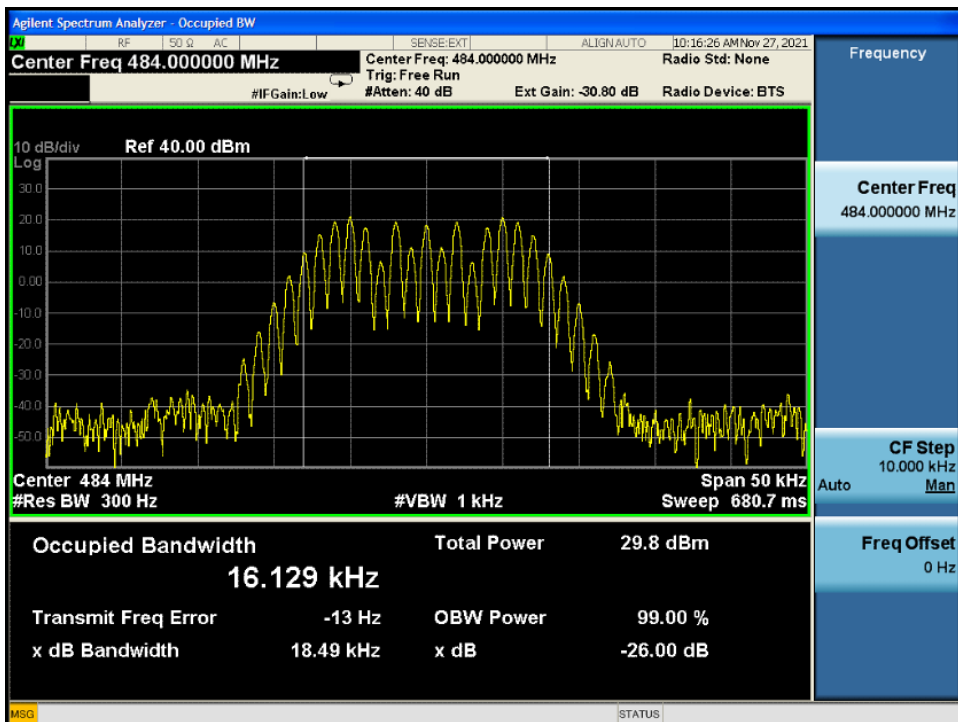
With the input signal amplitude set the AGC threshold
Low Frequency: 455.0125MHz



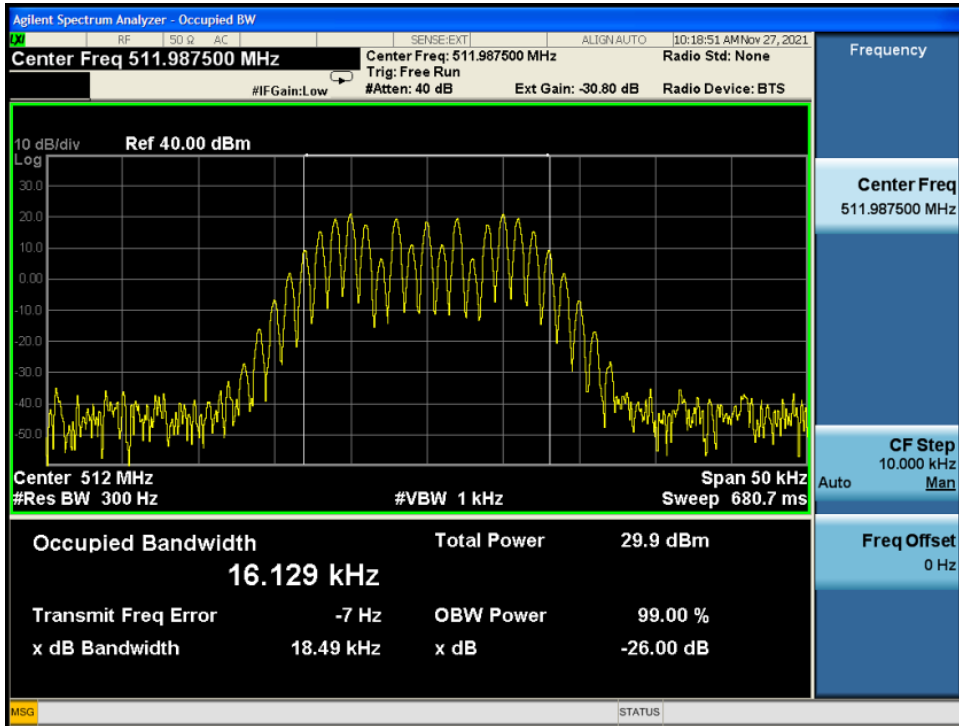
With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 455.0125MHz



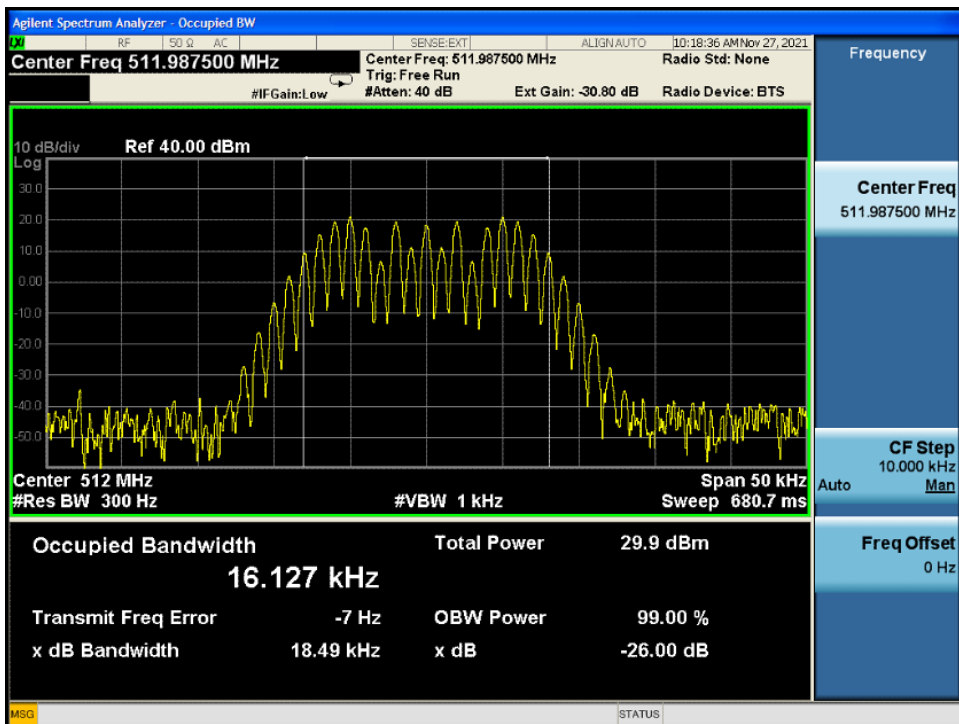
With the input signal amplitude set the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set the AGC threshold
High Frequency: 511.9875MHz

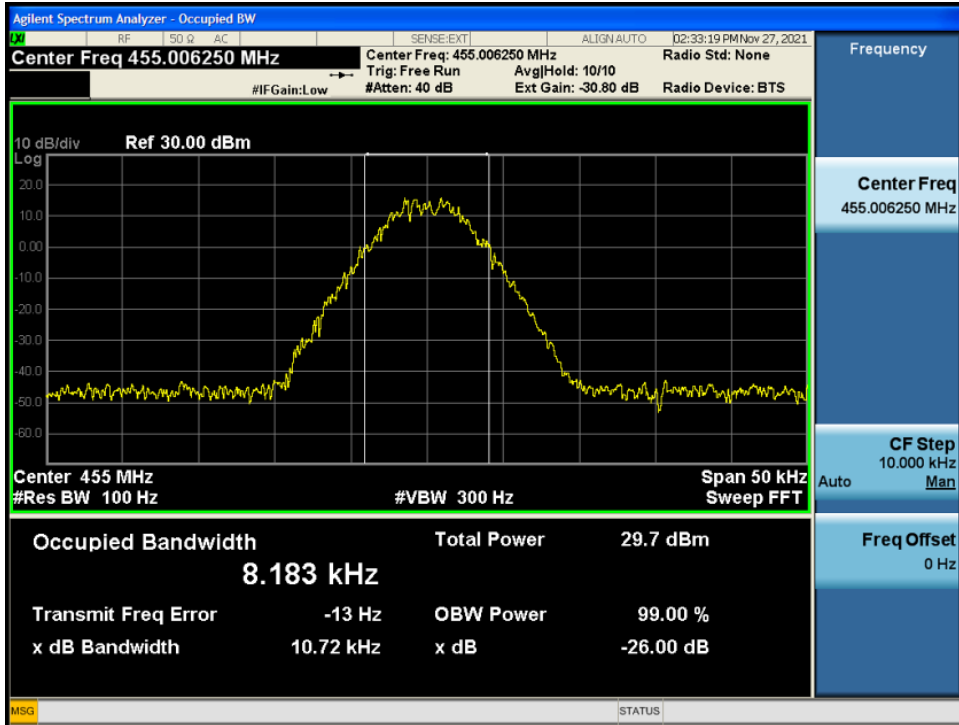


With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 511.9875MHz

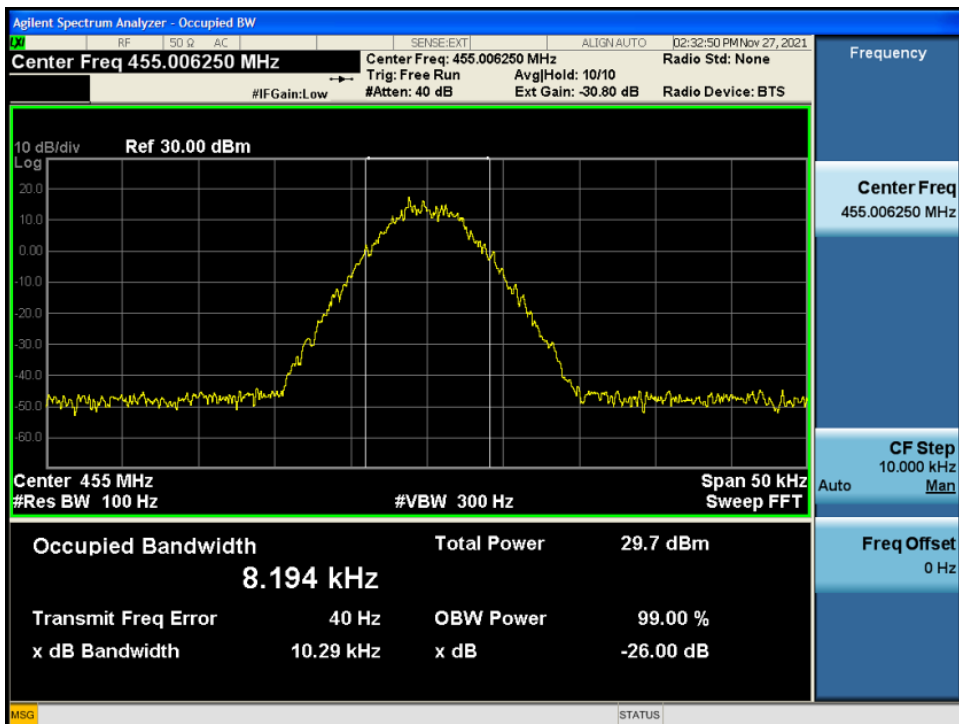
10.5.5.2.2. System test

10.5.5.2.2.1. Uplink

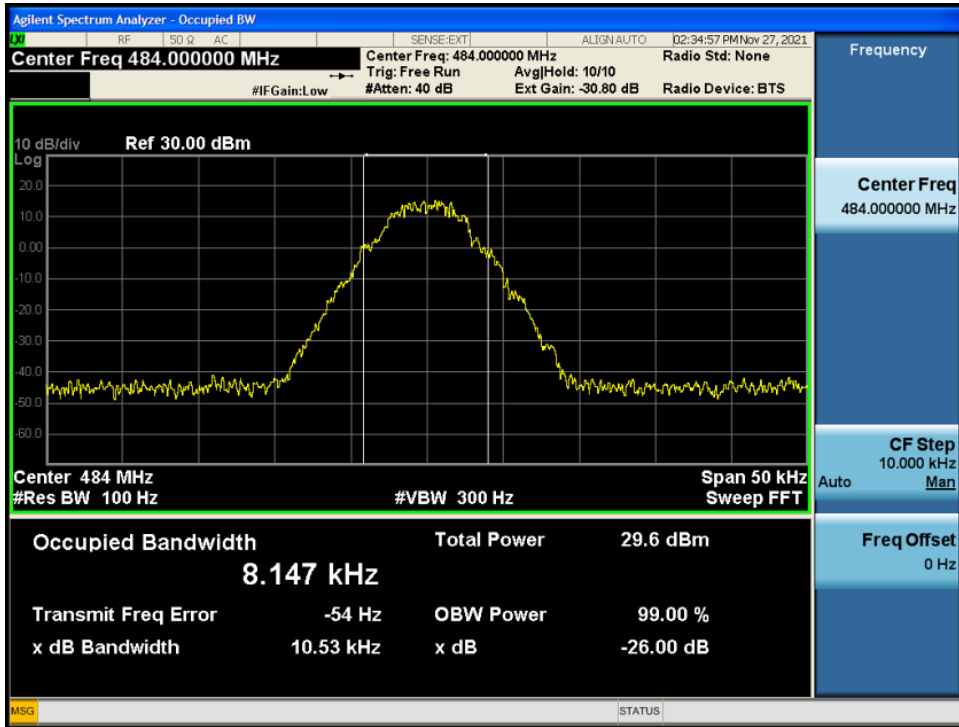
10.5.5.2.2.1.1. P25 Phase I(C4FM) mode



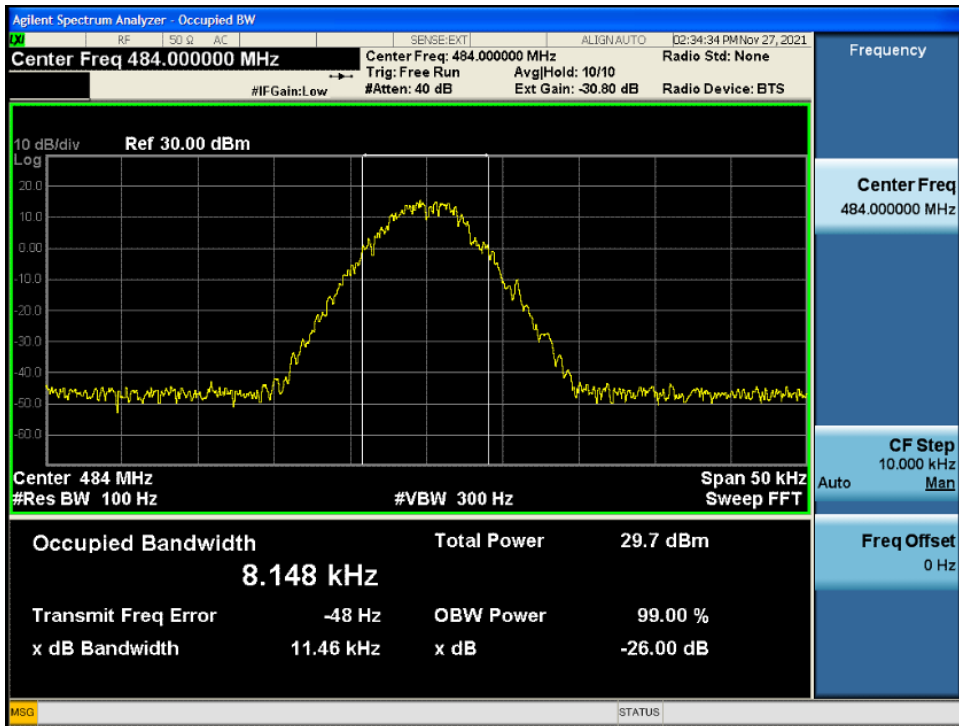
With the input signal amplitude set the AGC threshold
 Low Frequency: 455.00625MHz



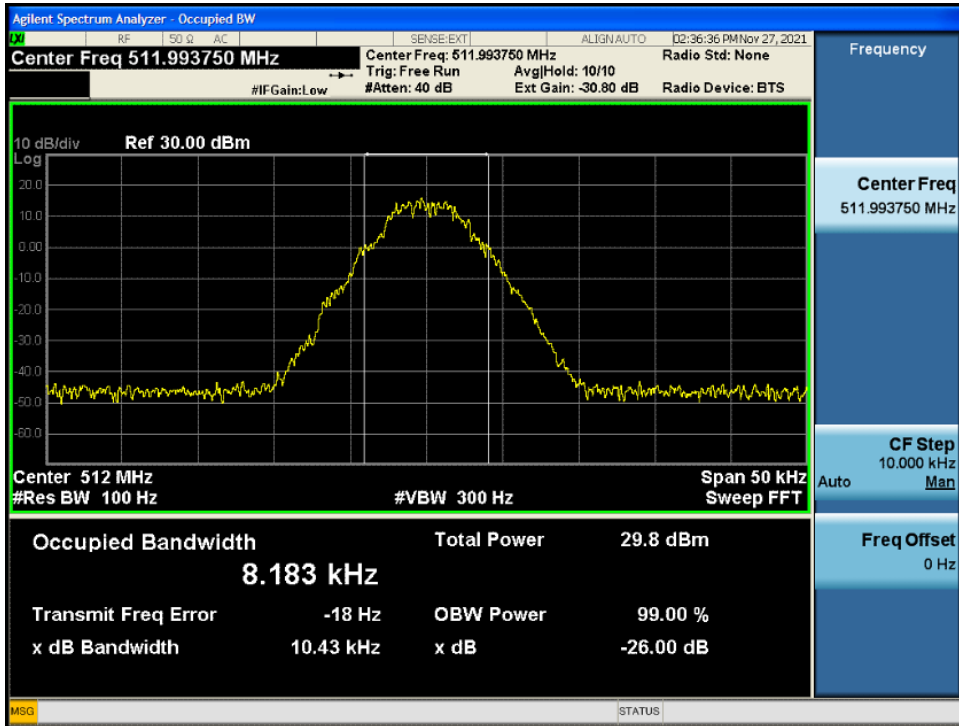
With the input signal amplitude set 3 dB above the AGC threshold
 Low Frequency: 455.00625MHz



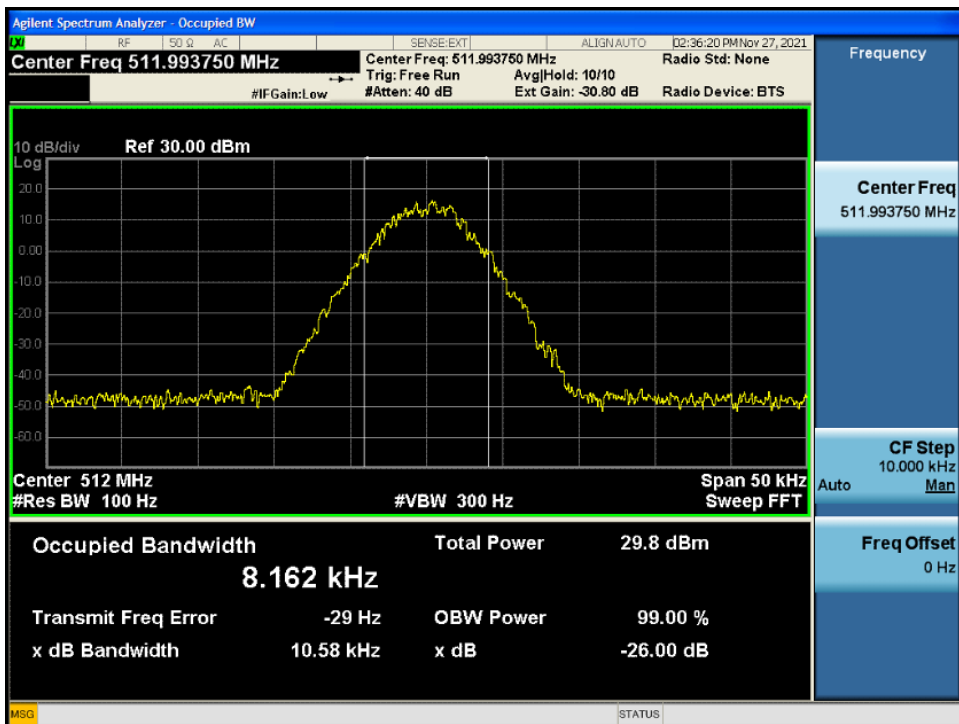
With the input signal amplitude set the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 484.0MHz

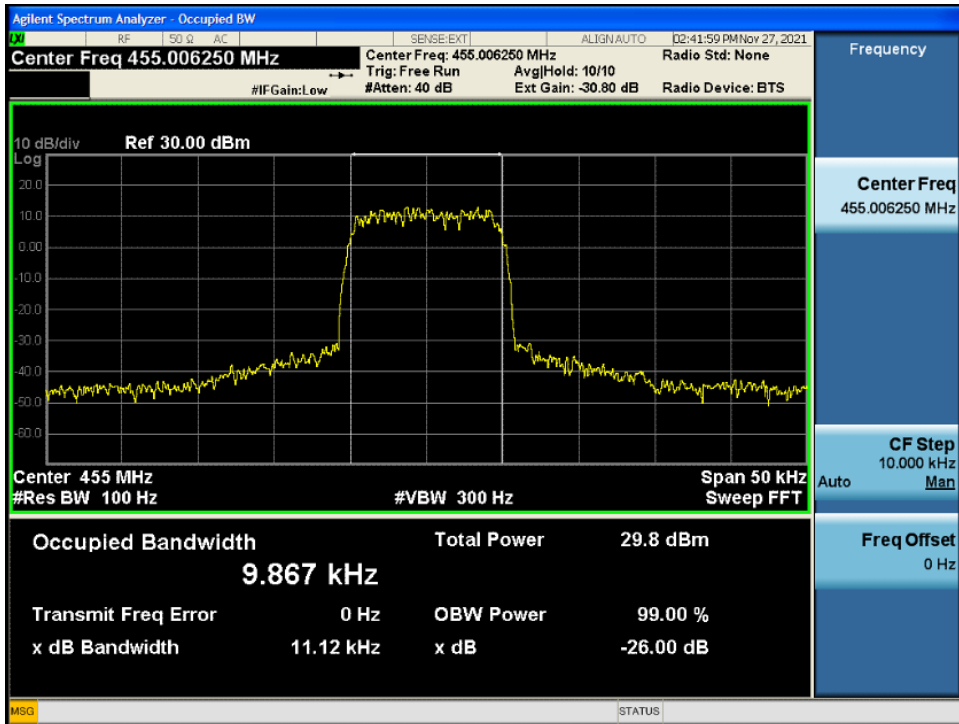


With the input signal amplitude set the AGC threshold
High Frequency: 511.99375MHz

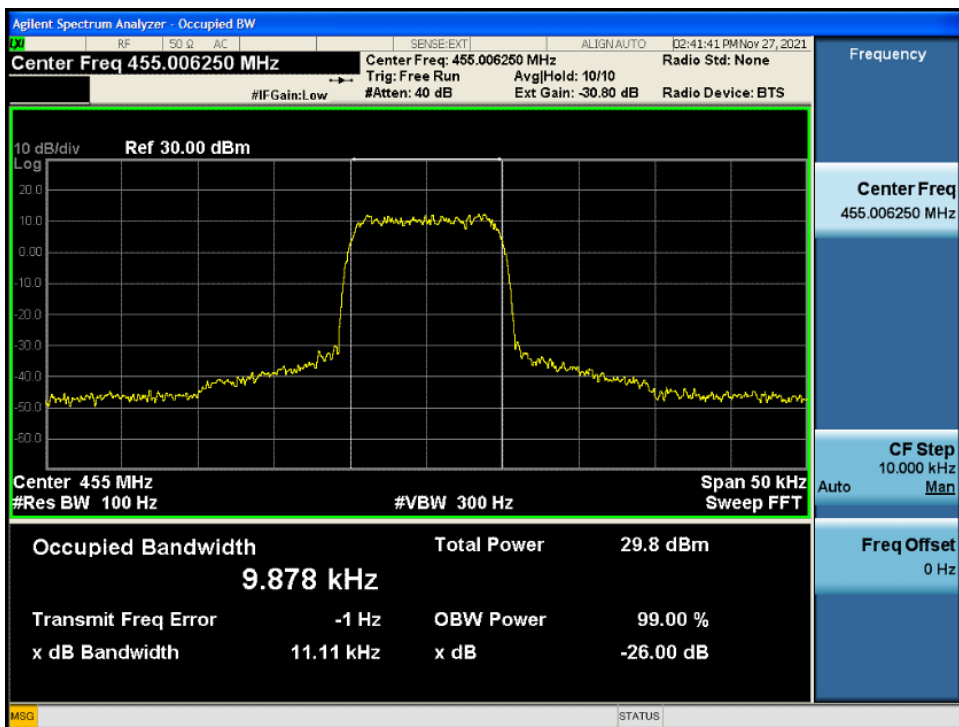


With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 511.99375MHz

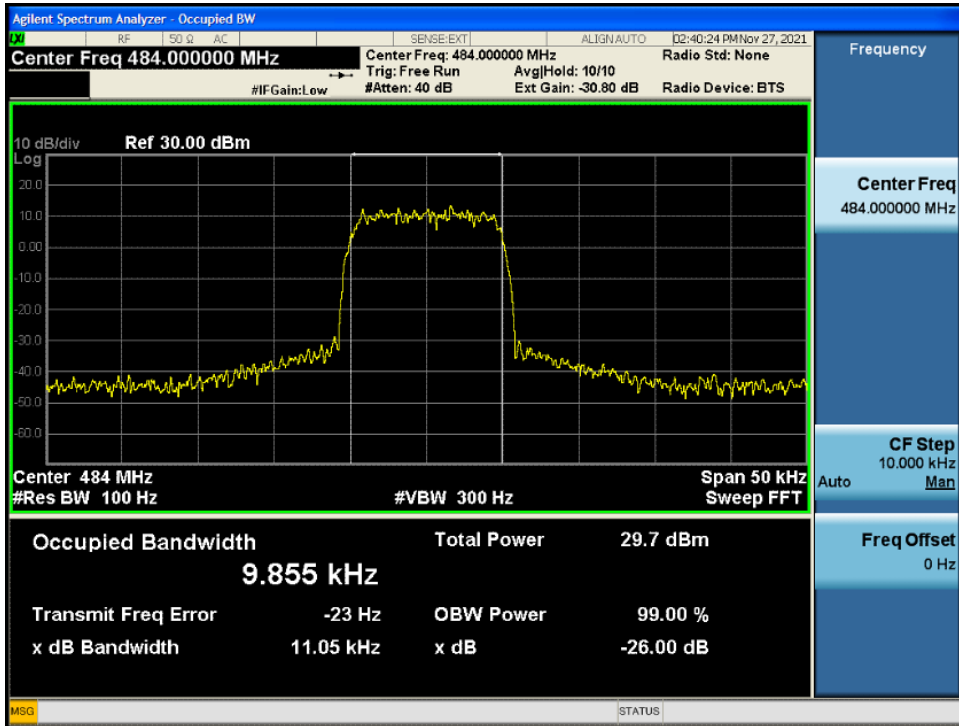
10.5.5.2.2.1.2. P25 Phase II(H-DQPSK) mode



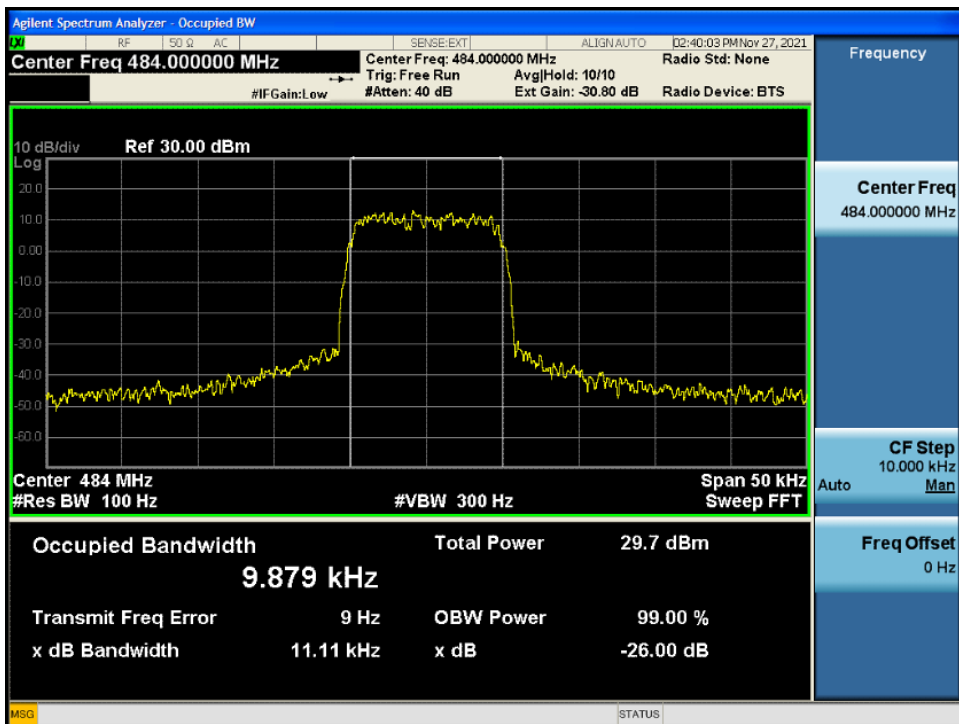
With the input signal amplitude set the AGC threshold
 Low Frequency: 455.00625MHz



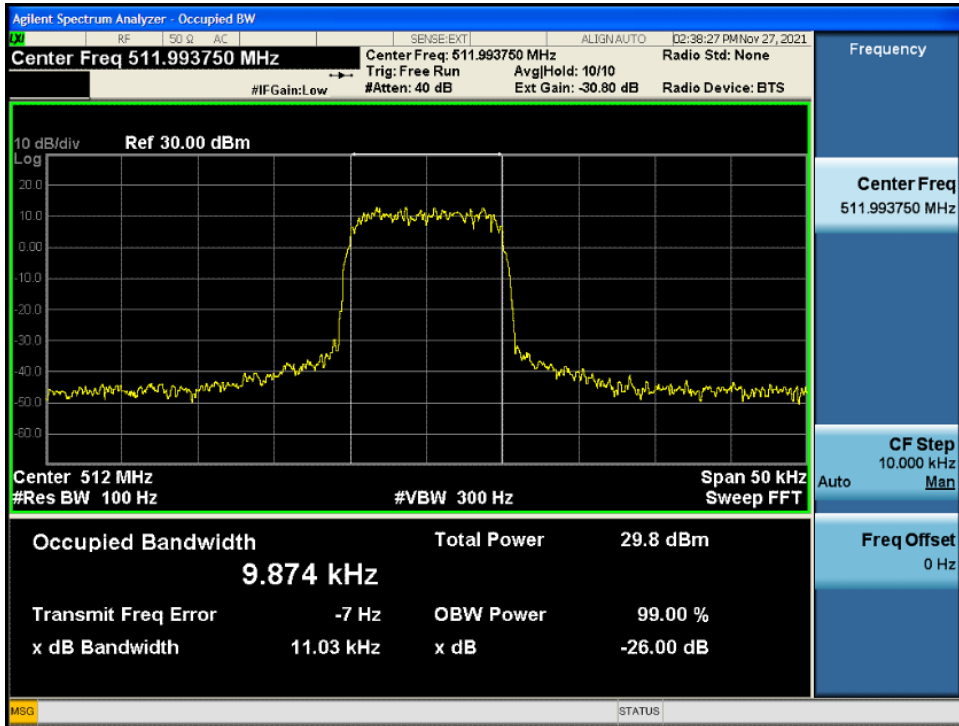
With the input signal amplitude set 3 dB above the AGC threshold
 Low Frequency: 455.00625MHz



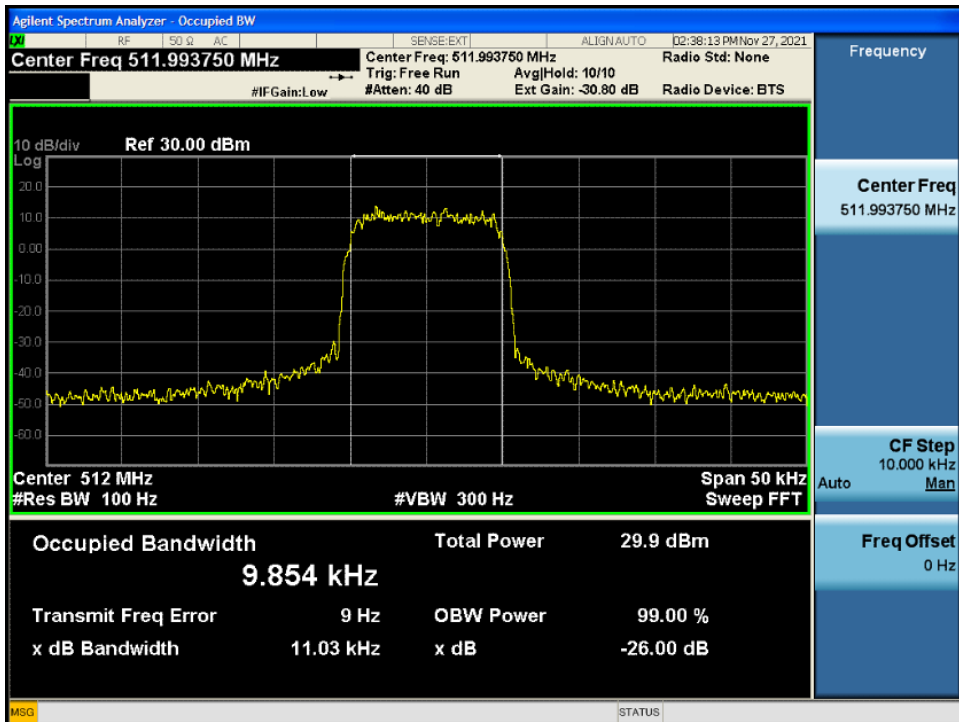
With the input signal amplitude set the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 484.0MHz

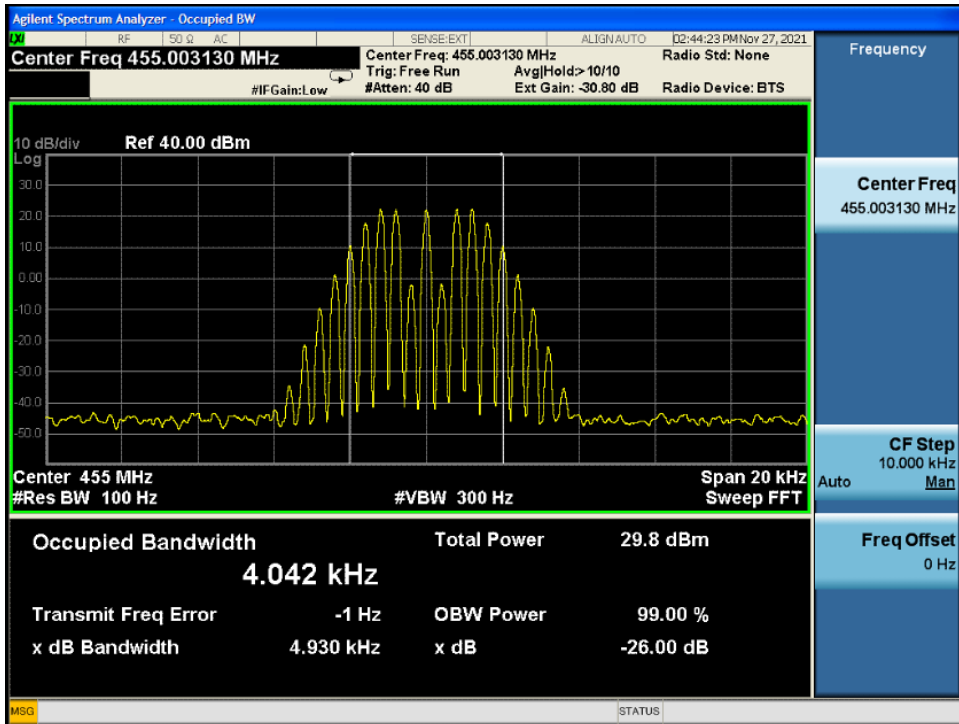


With the input signal amplitude set the AGC threshold
 High Frequency: 511.99375MHz

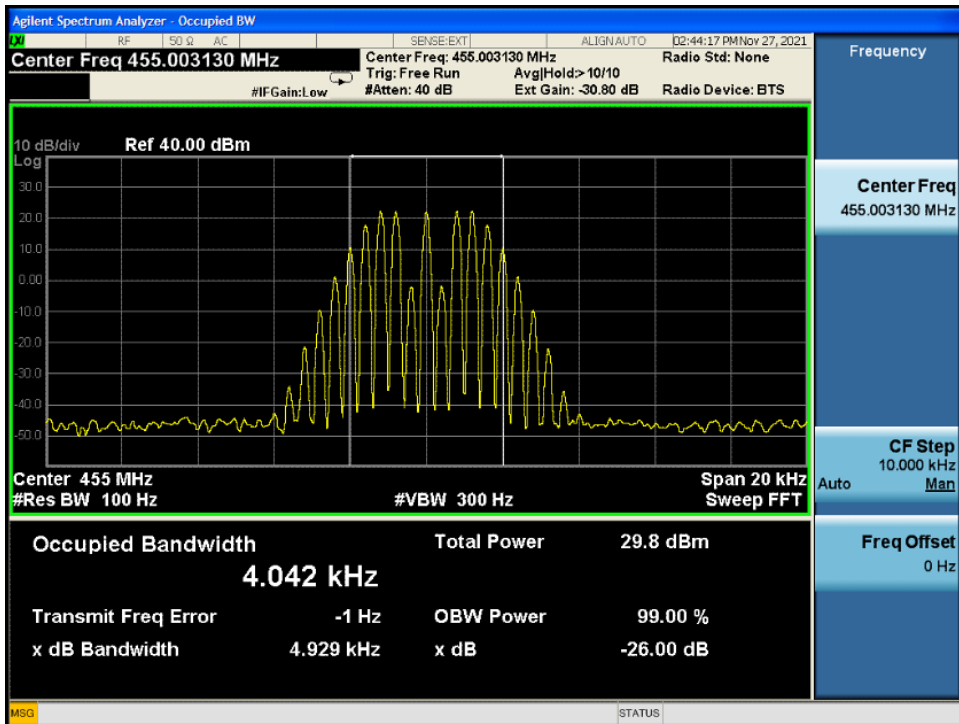


With the input signal amplitude set 3 dB above the AGC threshold
 High Frequency: 511.99375MHz

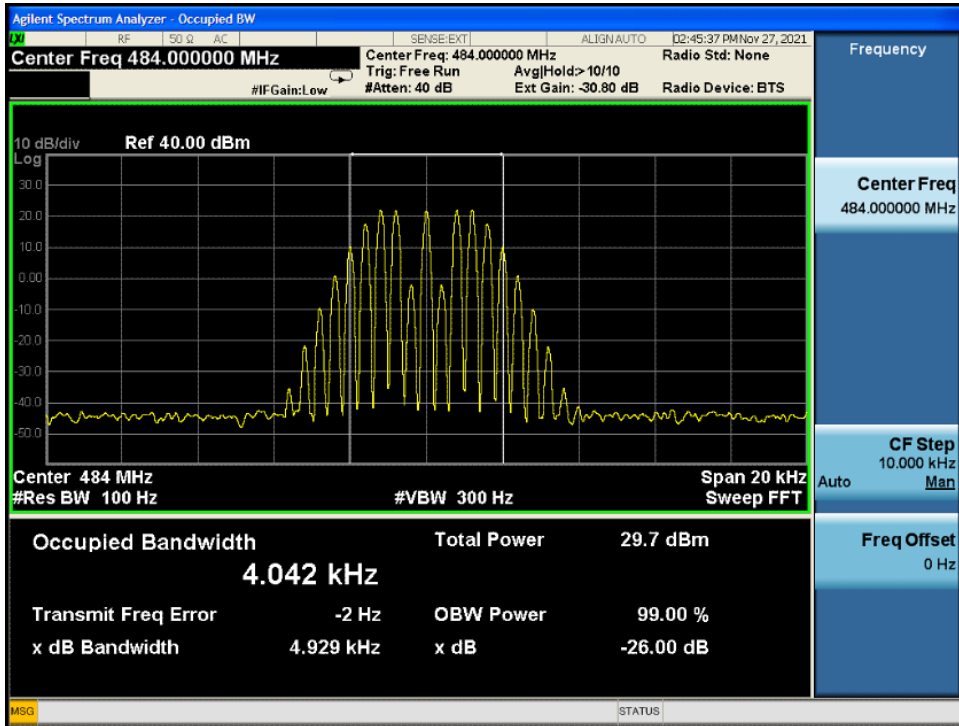
10.5.5.2.2.1.3. 6.25kHz Analog FM mode



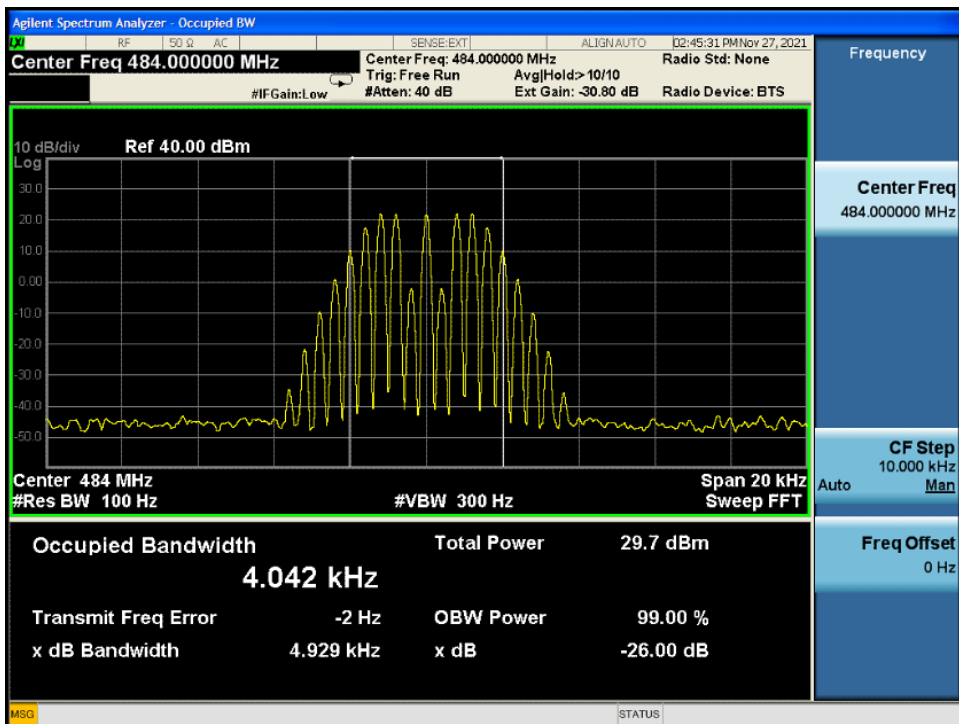
With the input signal amplitude set the AGC threshold
Low Frequency: 455.00313MHz



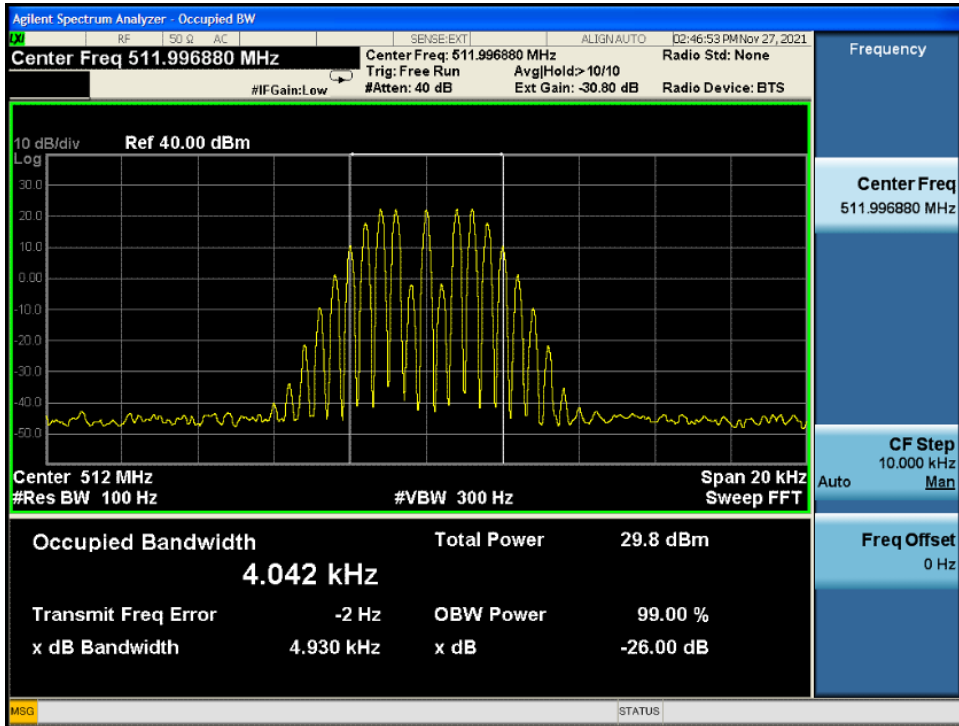
With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 455.00313MHz



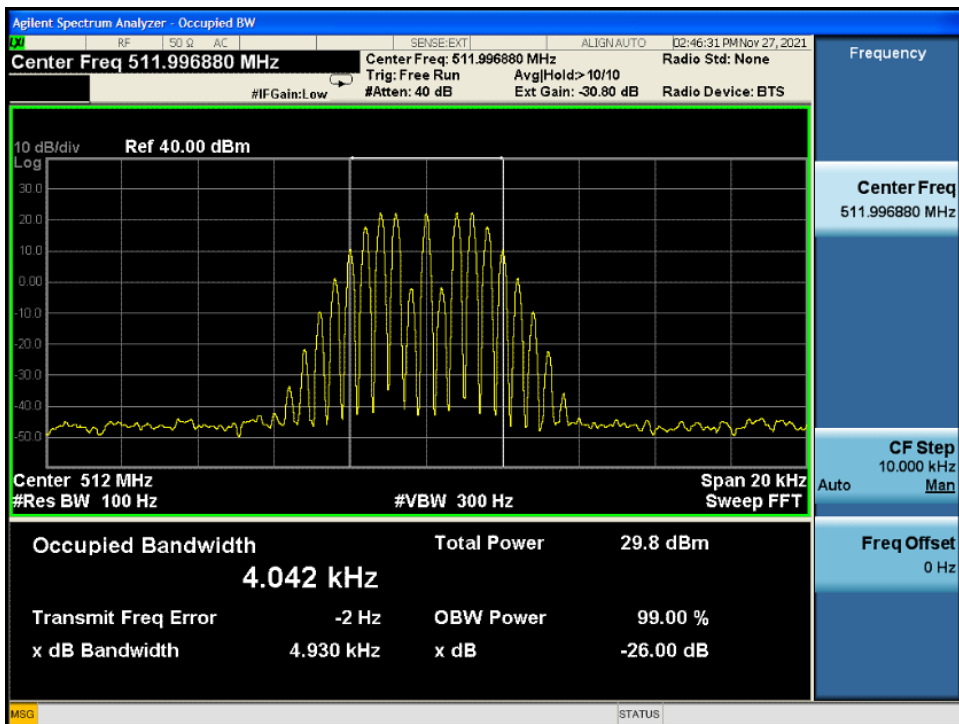
With the input signal amplitude set the AGC threshold
 Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
 Middle Frequency: 484.0MHz

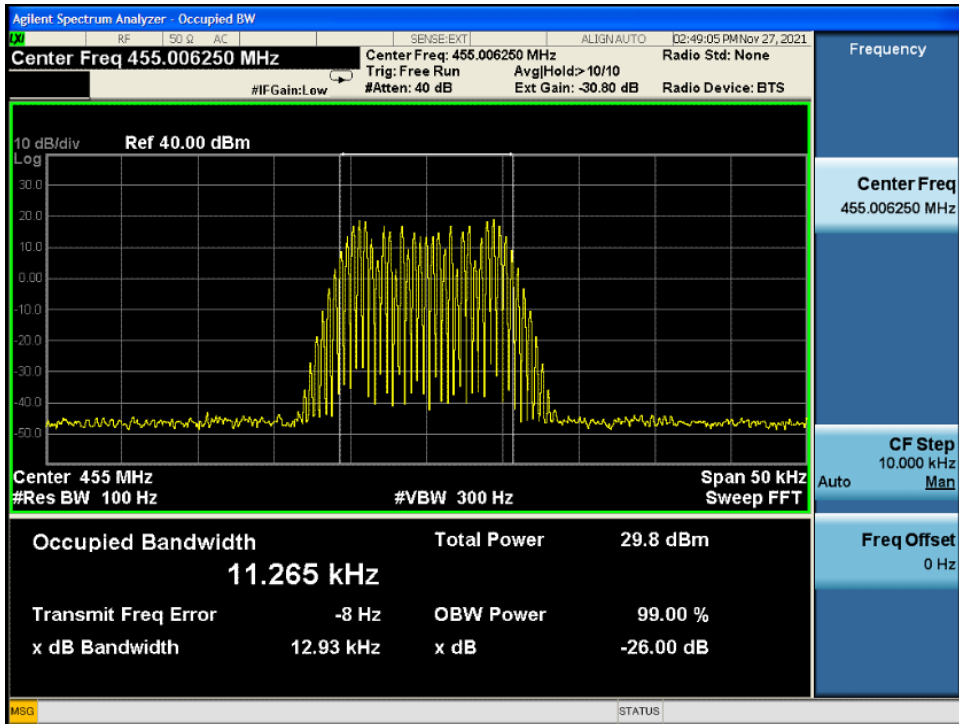


With the input signal amplitude set the AGC threshold
High Frequency: 511.99688MHz

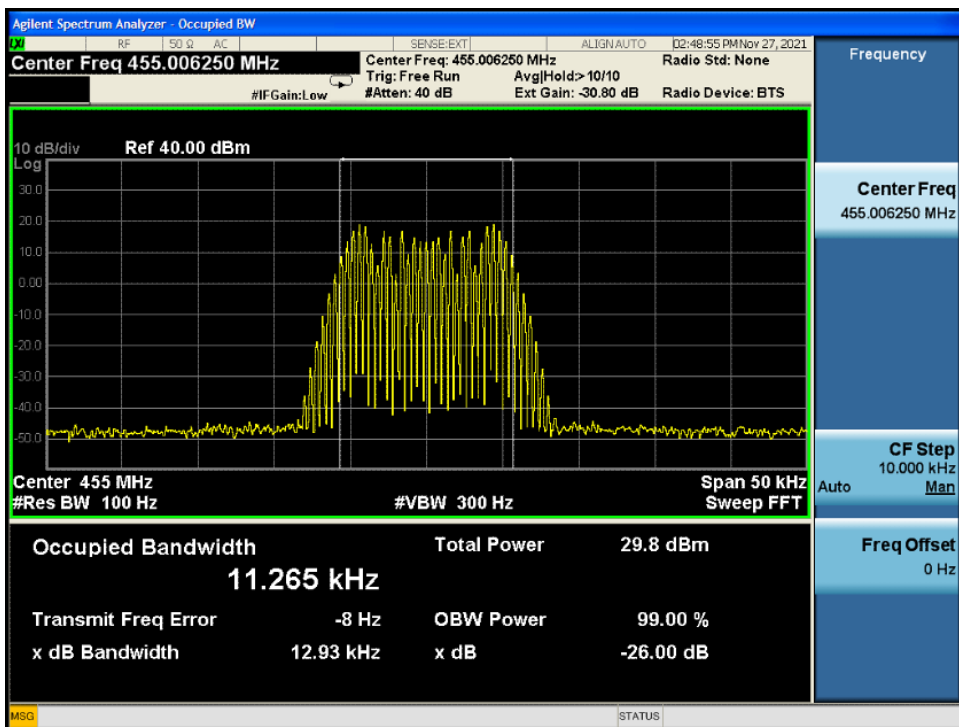


With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 511.99688MHz

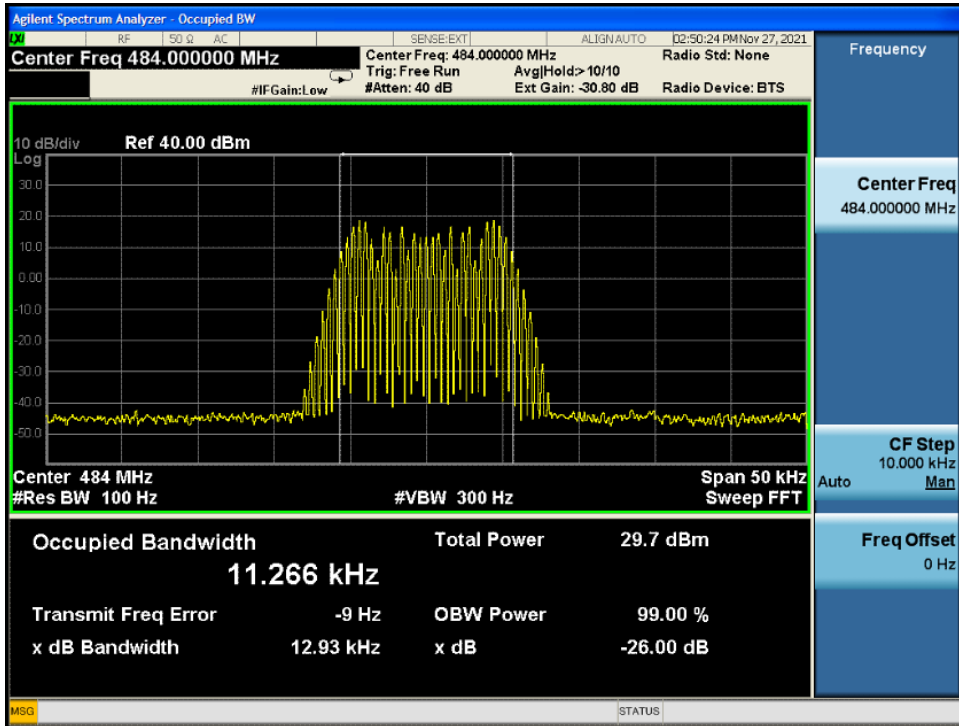
10.5.5.2.2.1.4. 12.5kHz Analog FM mode



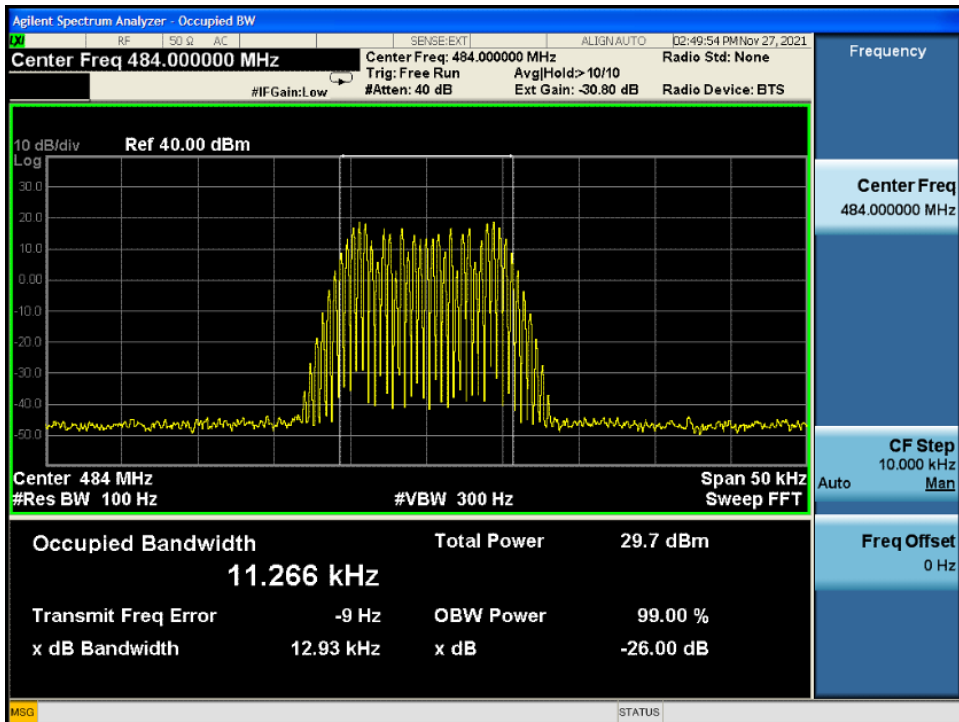
With the input signal amplitude set the AGC threshold
Low Frequency: 455.00625MHz



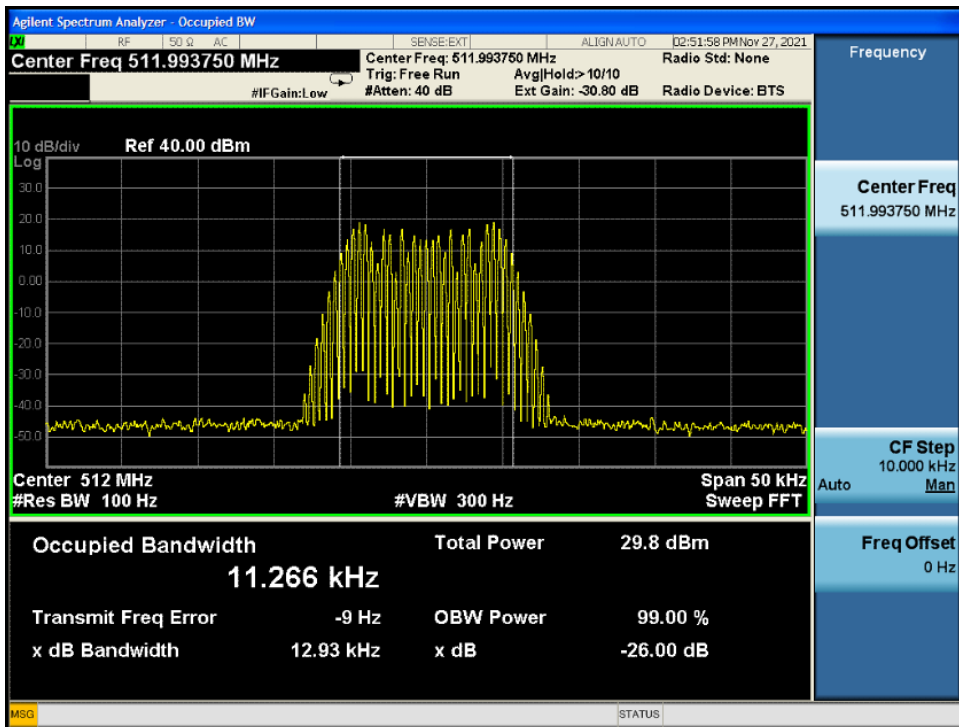
With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 455.00625MHz



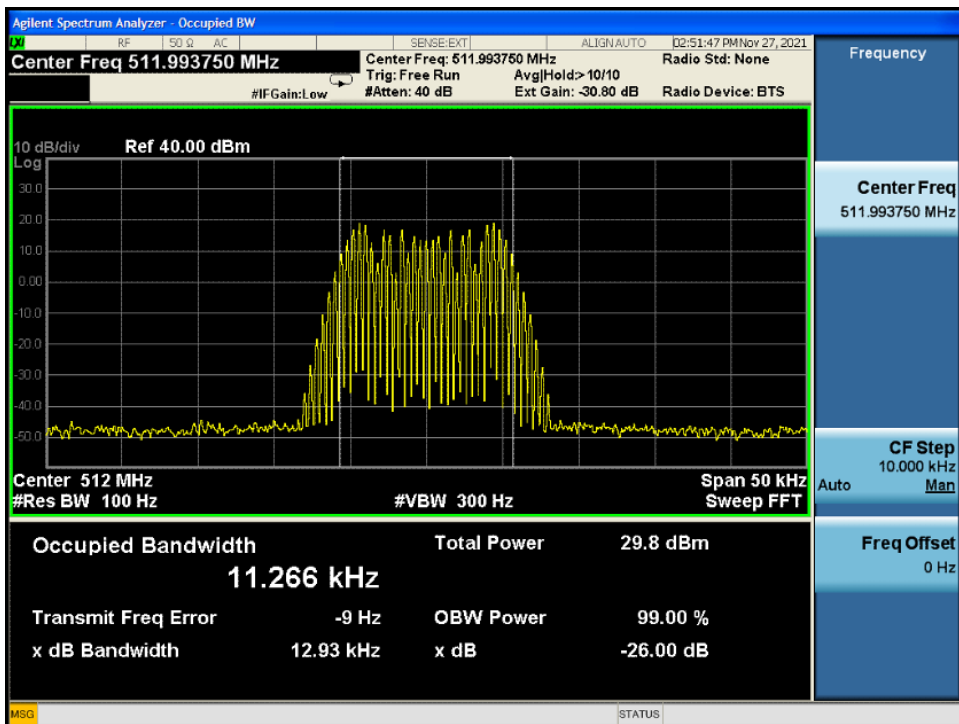
With the input signal amplitude set the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 484.0MHz

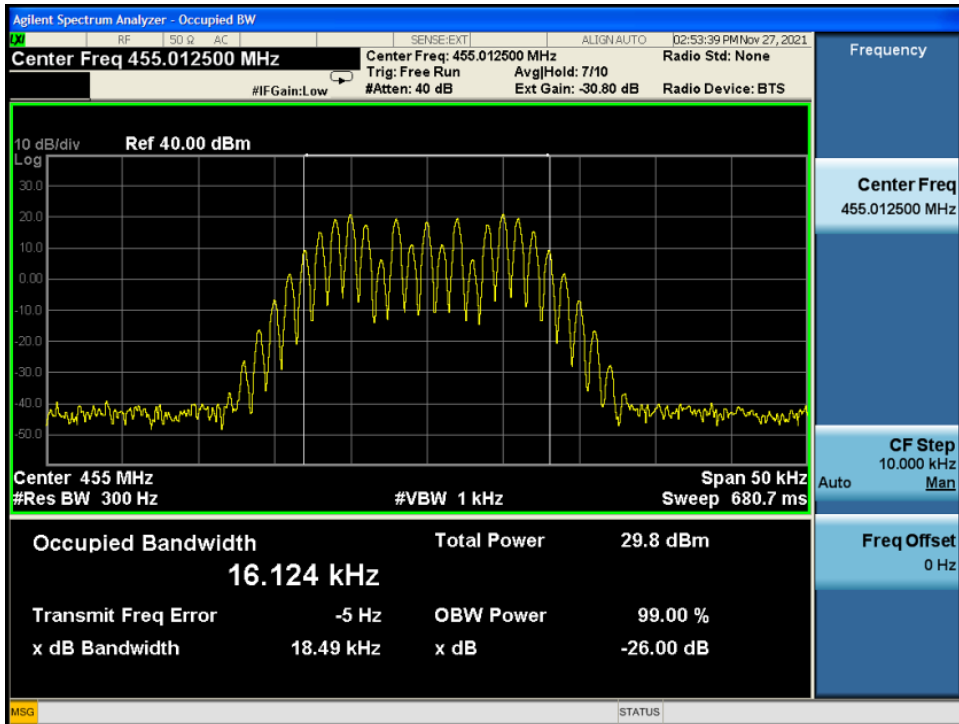


With the input signal amplitude set the AGC threshold
 High Frequency: 511.99375MHz

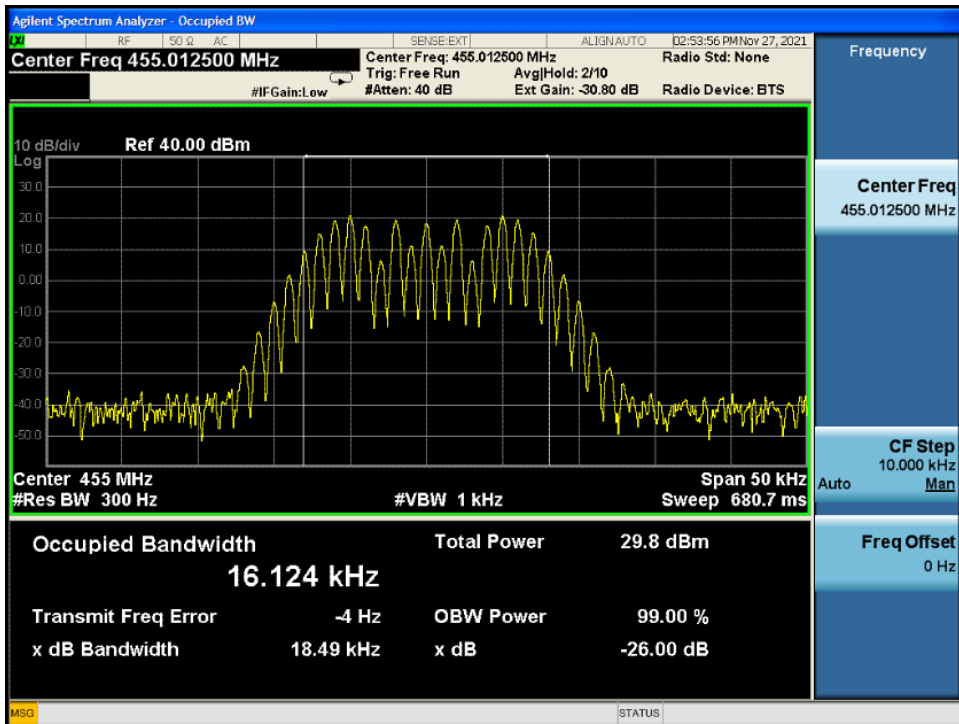


With the input signal amplitude set 3 dB above the AGC threshold
 High Frequency: 511.99375MHz

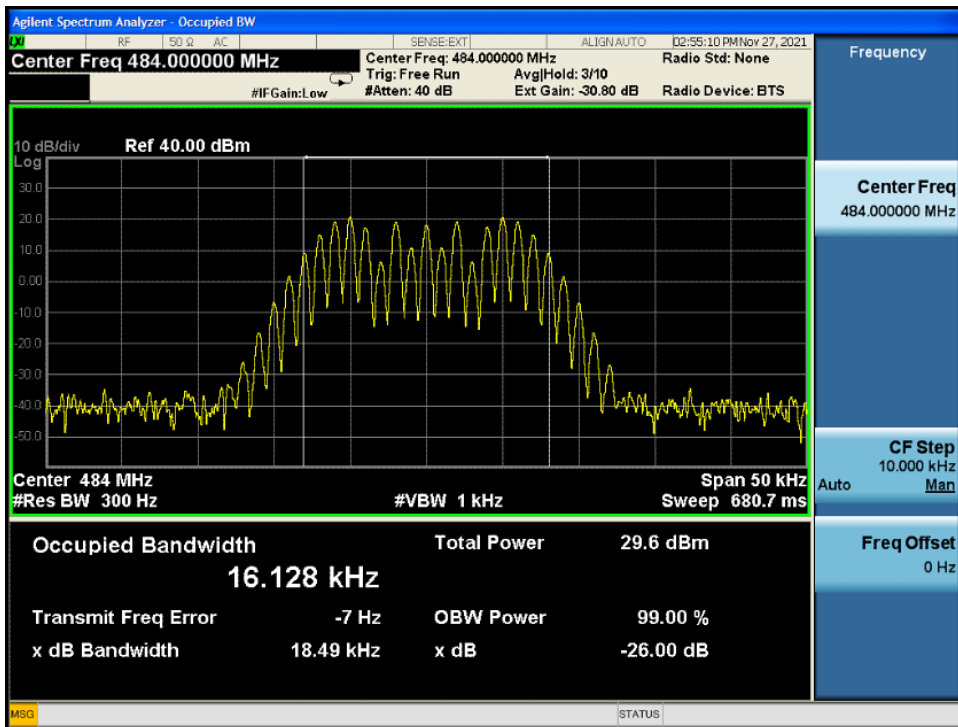
10.5.5.2.2.1.5. 25kHz Analog FM mode



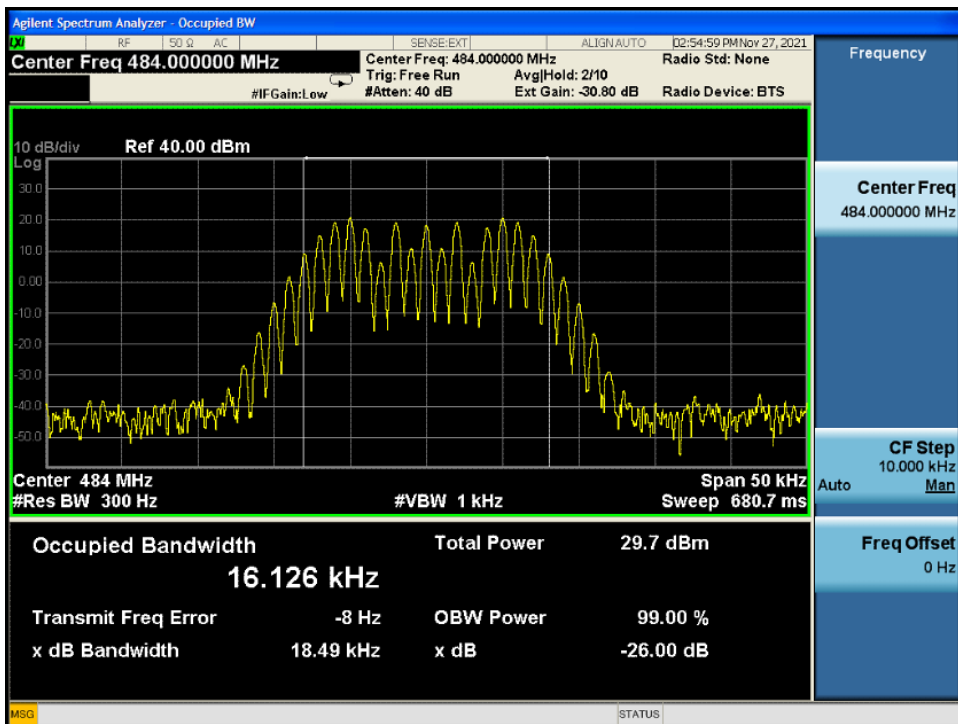
With the input signal amplitude set the AGC threshold
 Low Frequency: 455.0125MHz



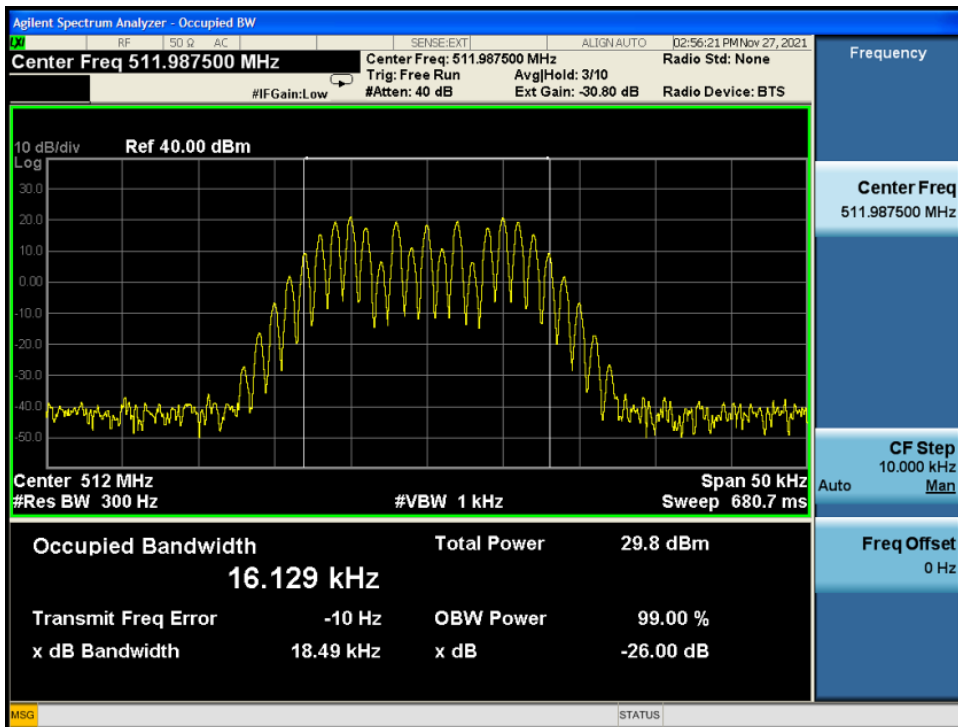
With the input signal amplitude set 3 dB above the AGC threshold
 Low Frequency: 455.0125MHz



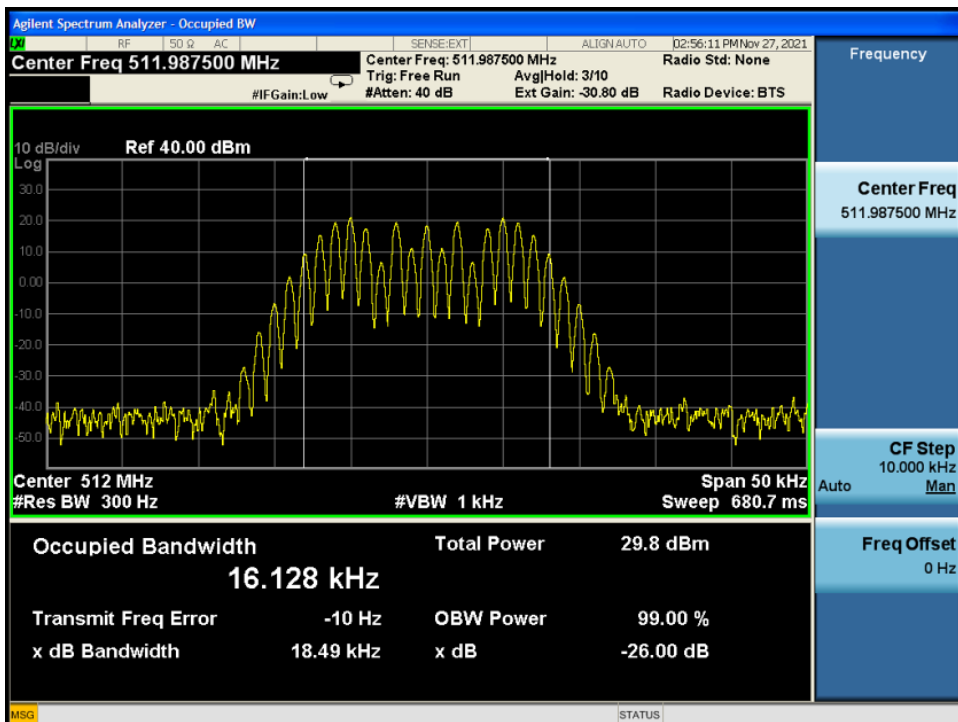
With the input signal amplitude set the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 484.0MHz



With the input signal amplitude set the AGC threshold
High Frequency: 511.9875MHz



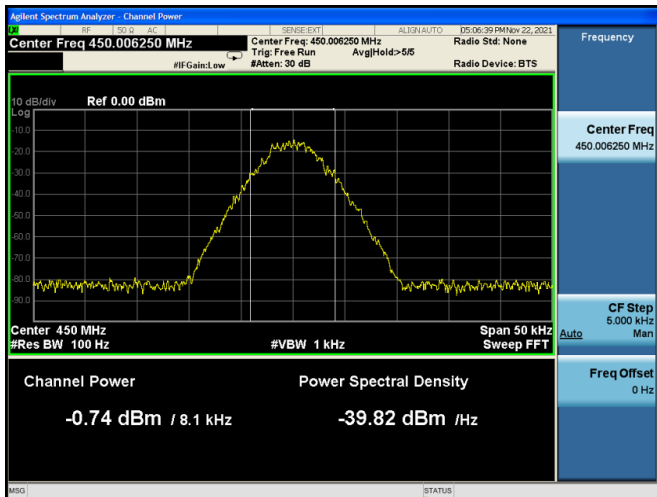
With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 511.9875MHz

10.5.5.3. Input VS output Comparison

10.5.5.3.1. MU single device test

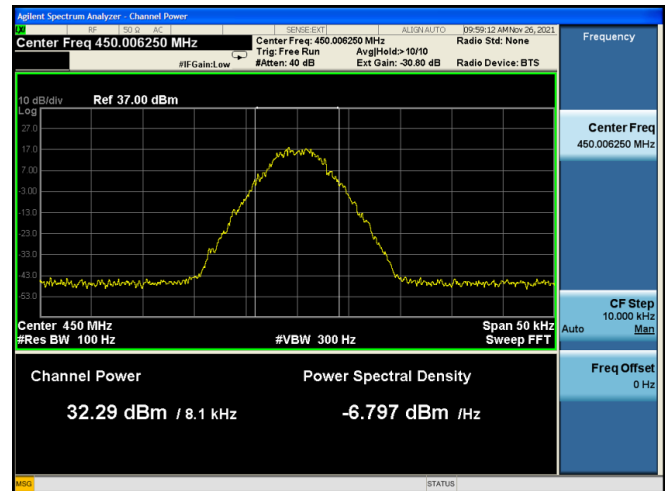
10.5.5.3.1.1. Downlink

10.5.5.3.1.1.1. P25 Phase I(C4FM) mode



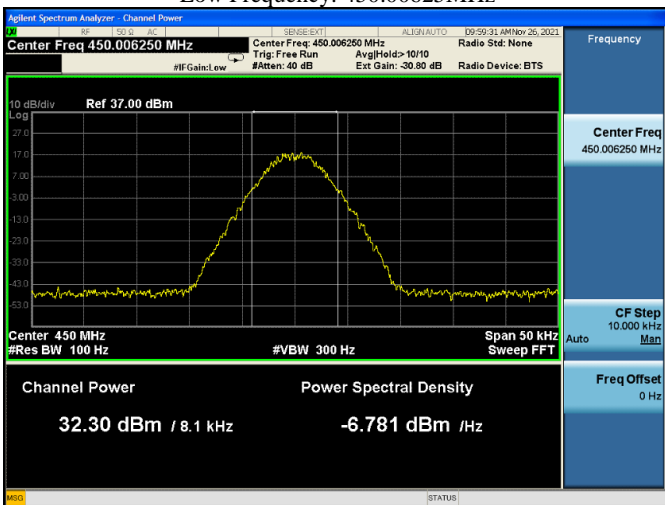
Input signal

Low Frequency: 450.00625MHz



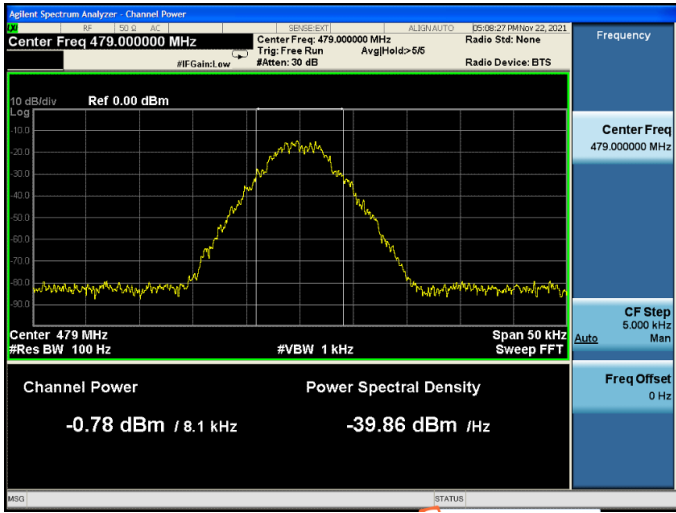
With the input signal amplitude set the AGC threshold

Low Frequency: 450.00625MHz

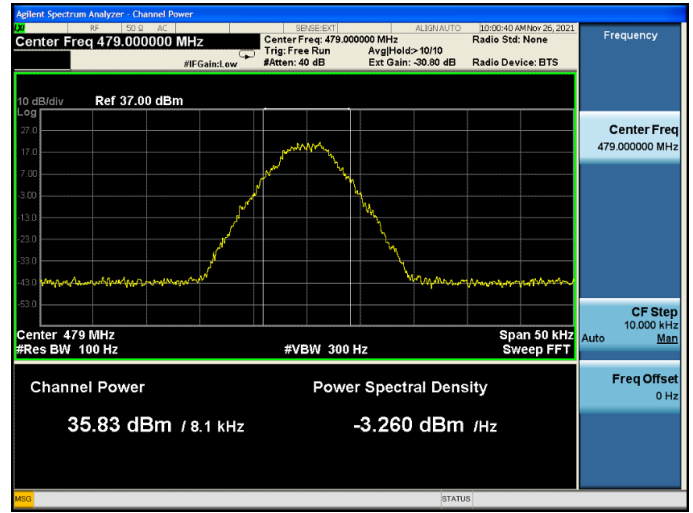


With the input signal amplitude set 3 dB above the AGC threshold

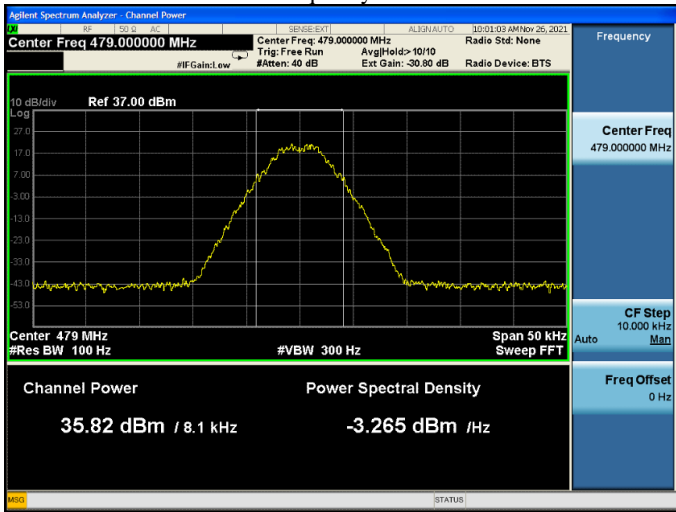
Low Frequency: 450.00625MHz



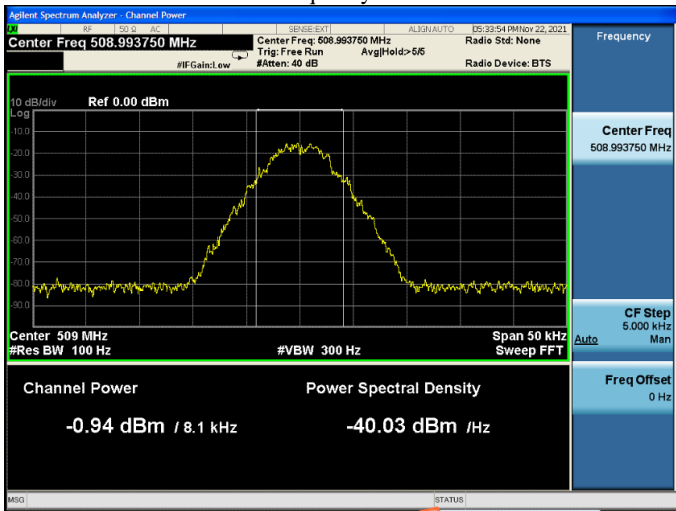
Input signal
Middle Frequency: 479.0MHz



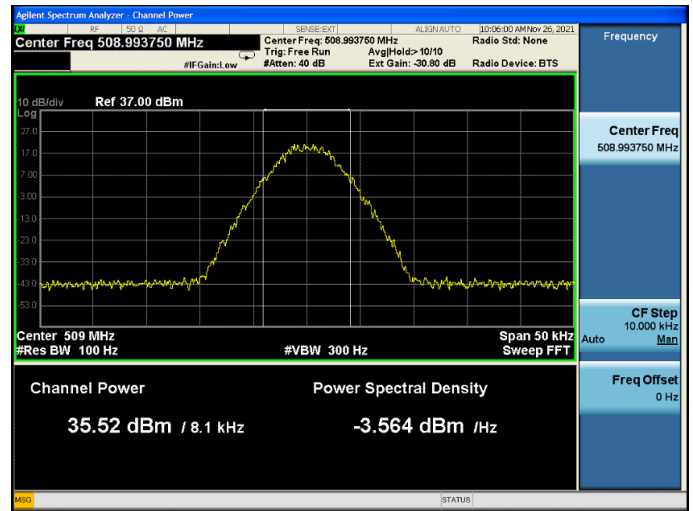
With the input signal amplitude set the AGC threshold
Middle Frequency: 479.0MHz



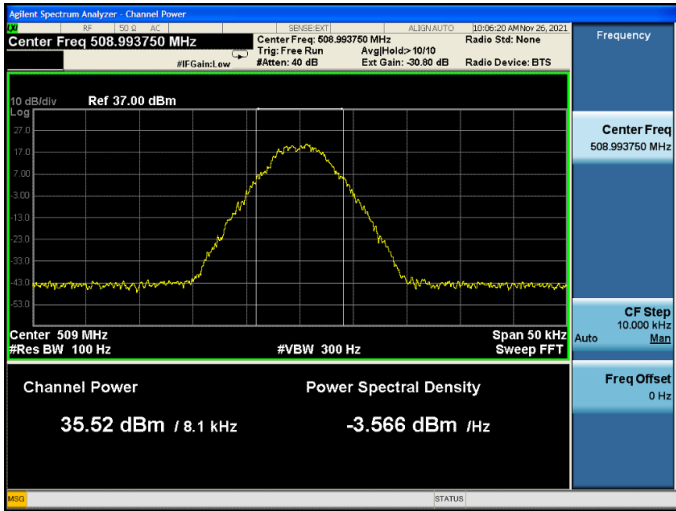
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 479.0MHz



Input signal
High Frequency: 508.99375MHz

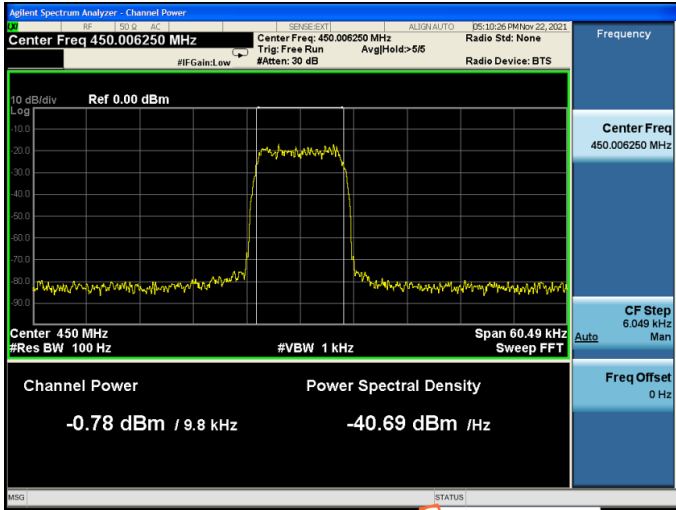


With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz

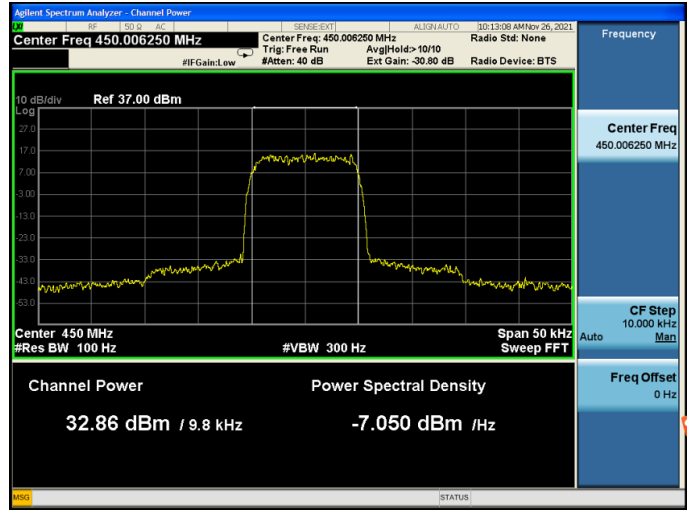


With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99375MHz

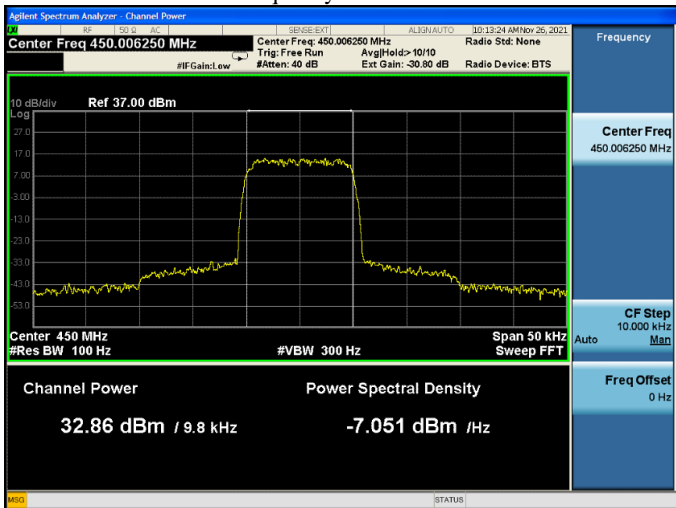
10.5.5.3.1.1.2. P25 Phase II(H-DQPSK) mode



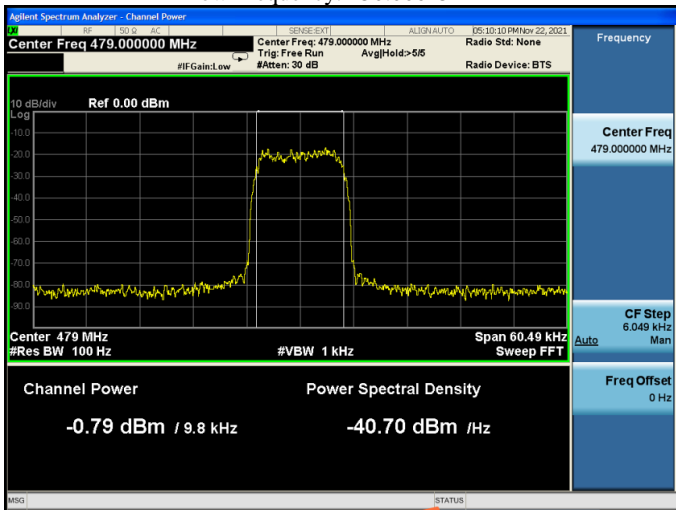
Input signal
Low Frequency: 450.00625MHz



With the input signal amplitude set the AGC threshold
Low Frequency: 450.00625MHz



With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 450.00625MHz



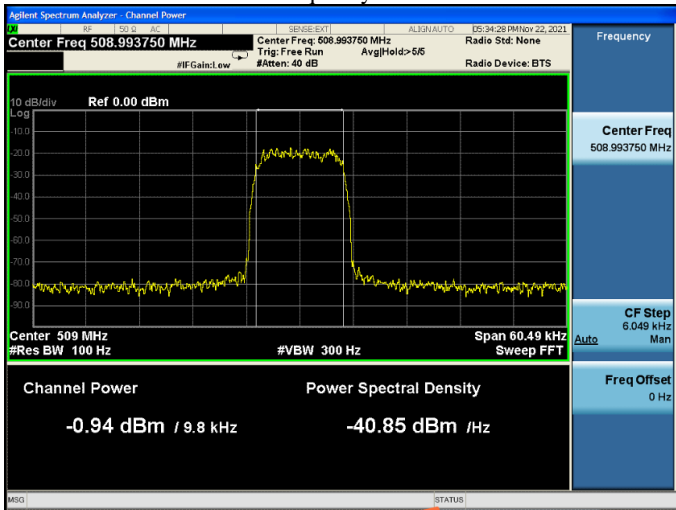
Input signal
Middle Frequency: 479.0MHz



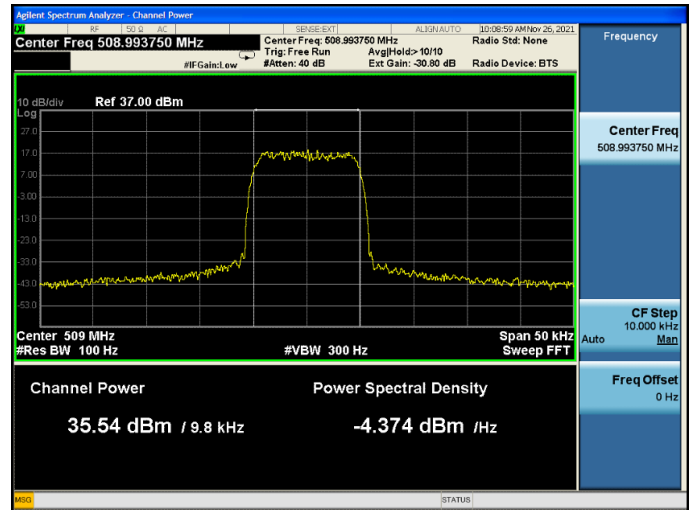
With the input signal amplitude set the AGC threshold
Middle Frequency: 479.0MHz



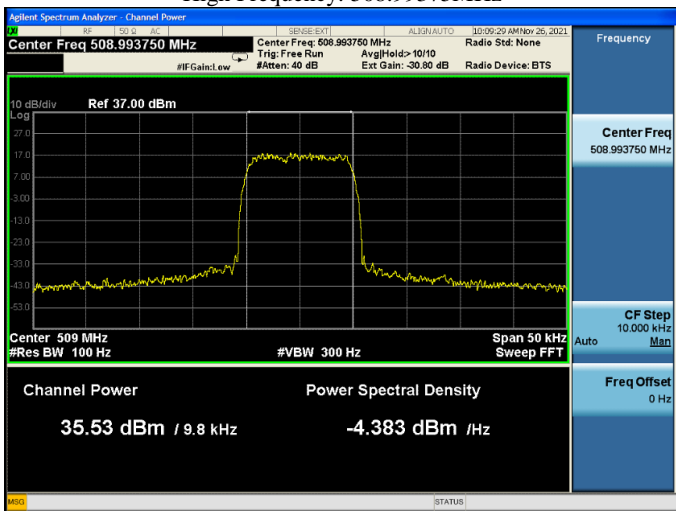
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 479.0MHz



Input signal
High Frequency: 508.99375MHz

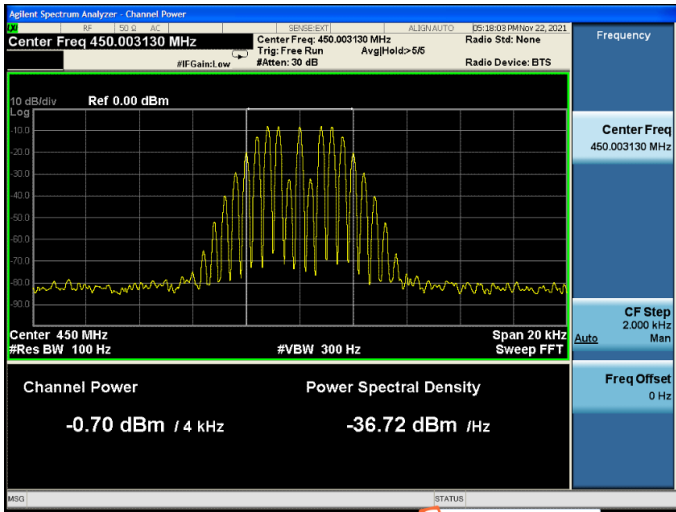


With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz

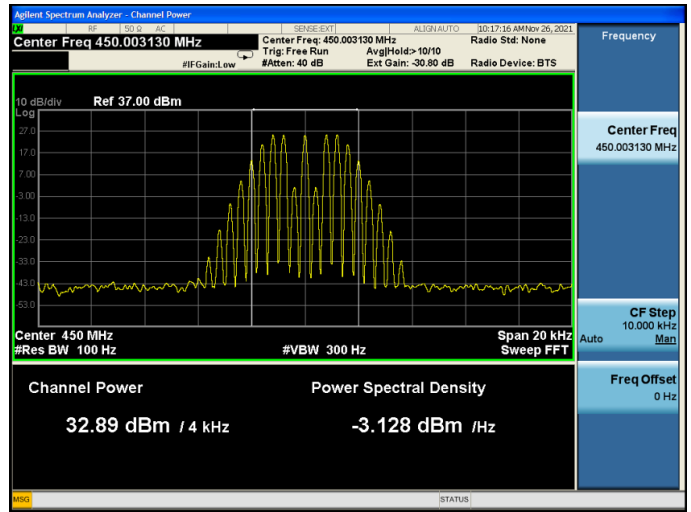


With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99375MHz

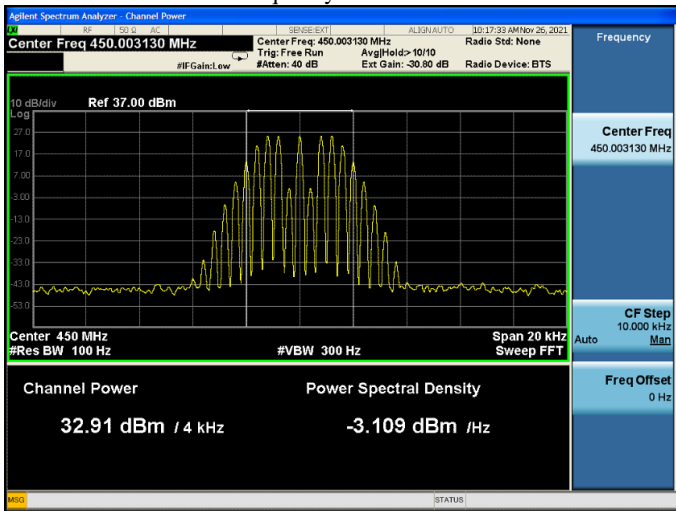
10.5.5.3.1.1.3. 6.25kHz Analog FM mode



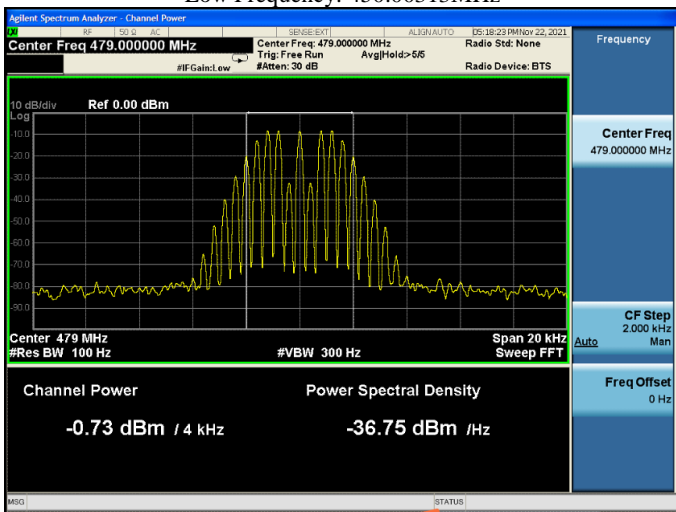
Input signal
Low Frequency: 450.00313MHz



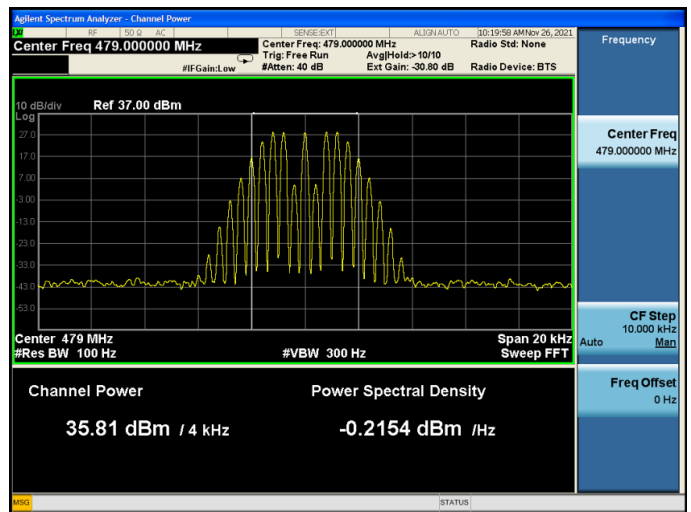
With the input signal amplitude set the AGC threshold
Low Frequency: 450.00313MHz



With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 450.00313MHz



Input signal
Middle Frequency: 479.0MHz



With the input signal amplitude set the AGC threshold
Middle Frequency: 479.0MHz