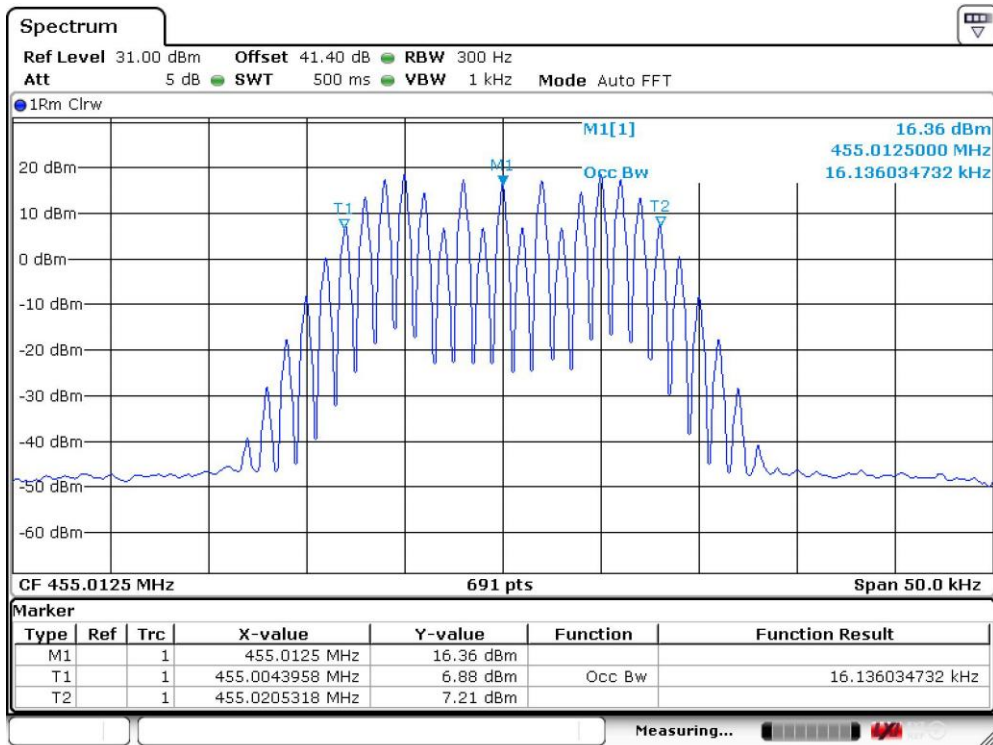
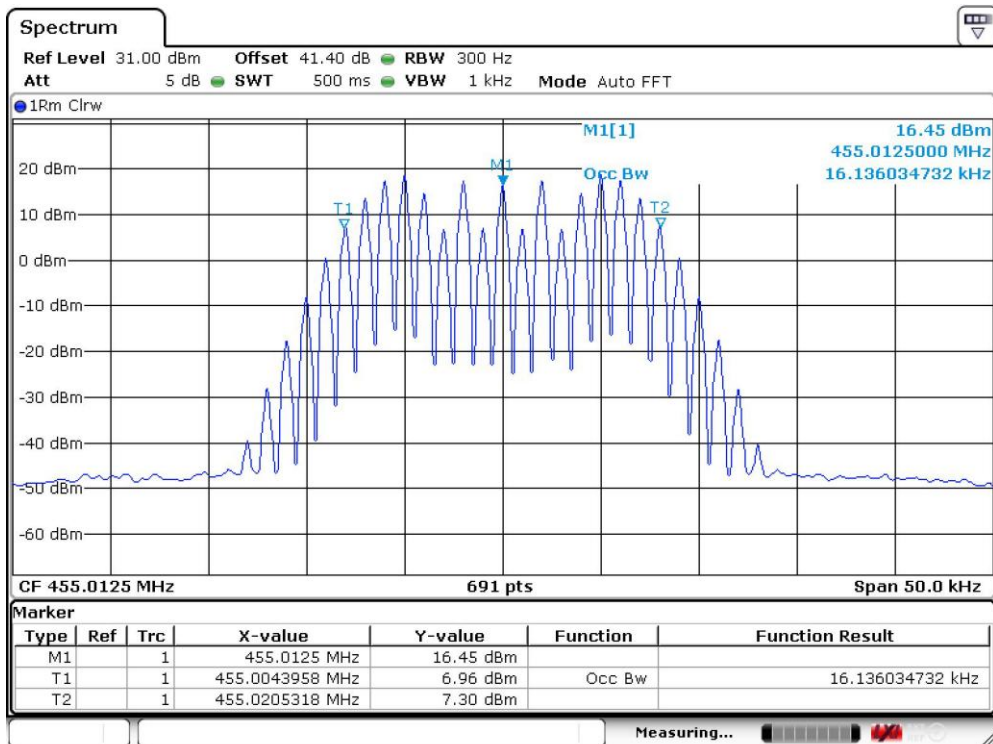


10.5.5.2.2.5. 25kHz Analog FM mode



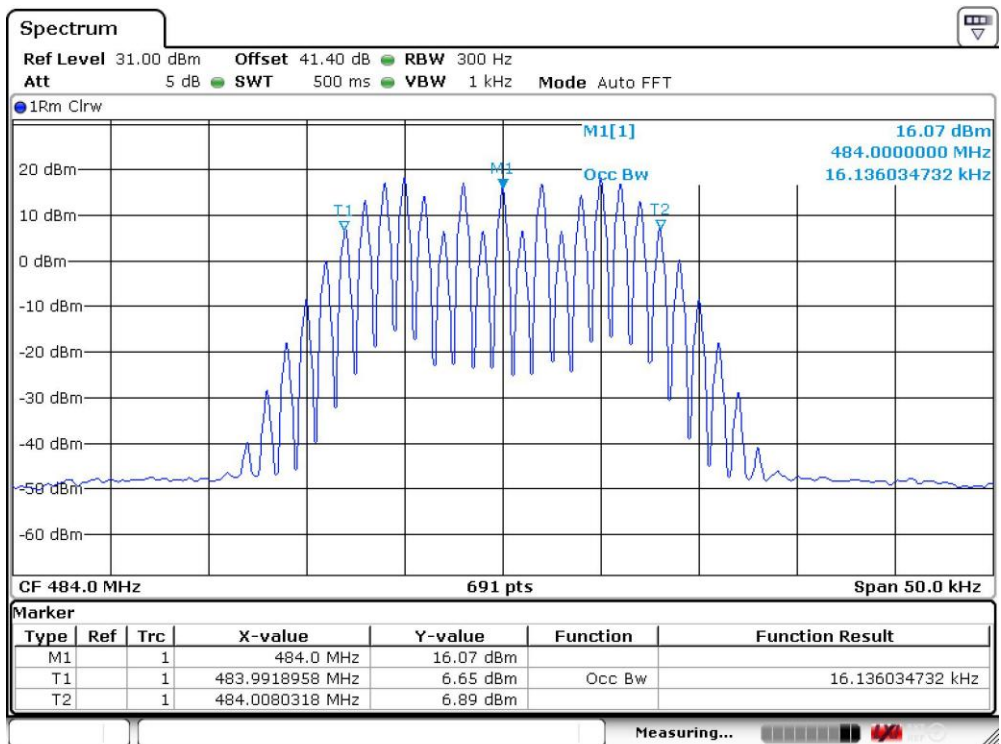
Date: 17.FEB.2024 15:46:52

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



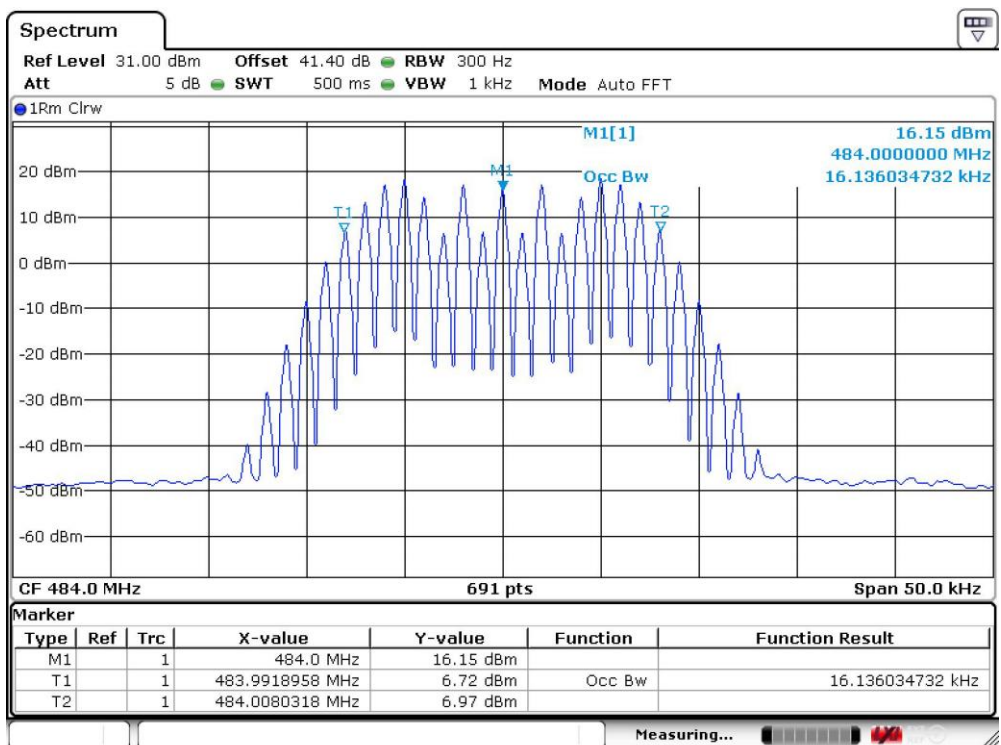
Date: 17.FEB.2024 15:47:09

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



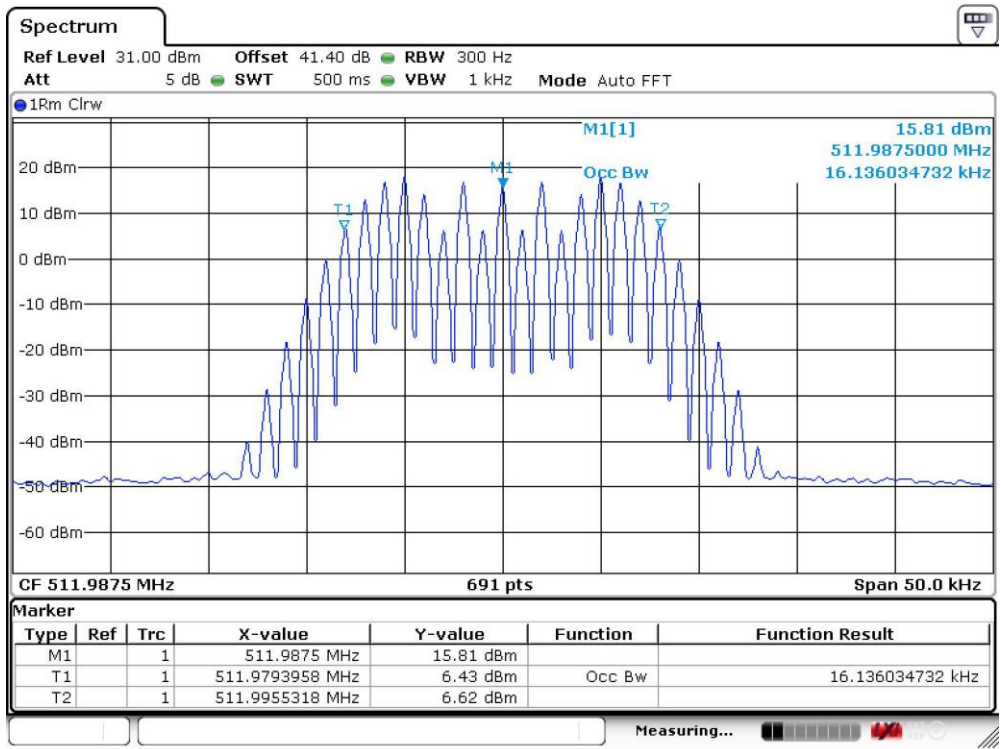
Date: 17.FEB.2024 15:43:37

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



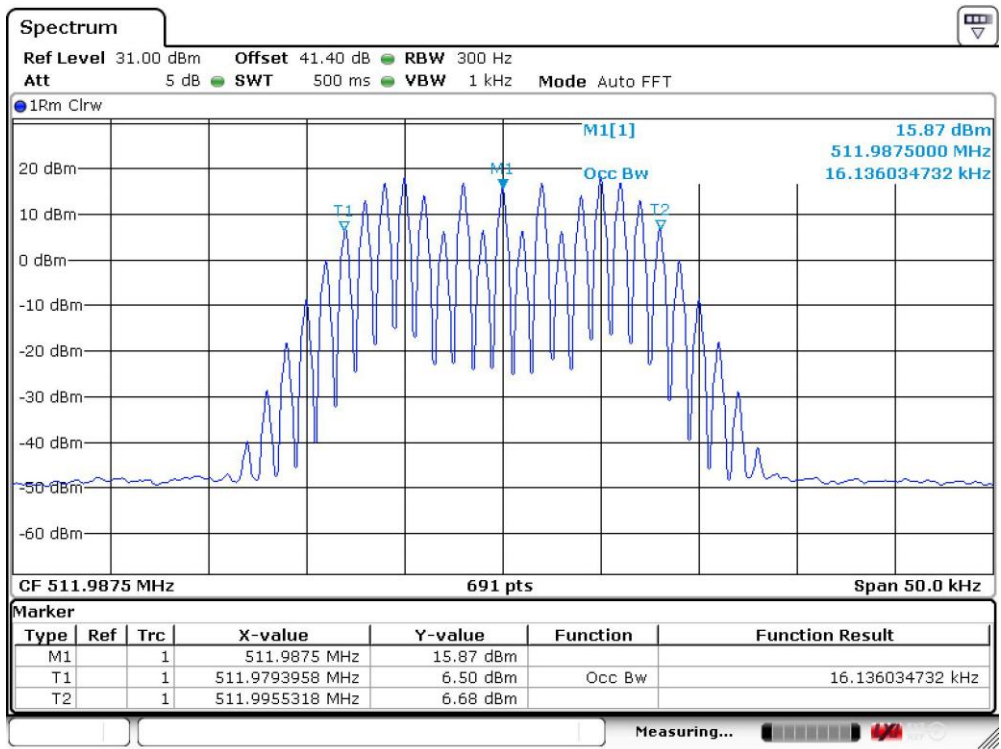
Date: 17.FEB.2024 15:43:50

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



Date: 17.FEB.2024 15:40:38

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



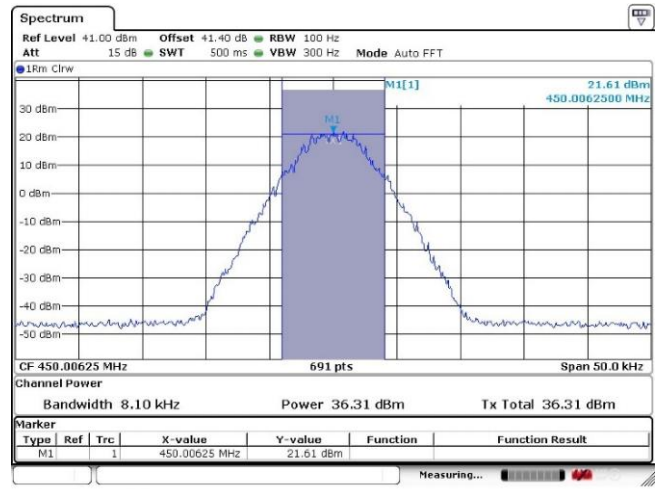
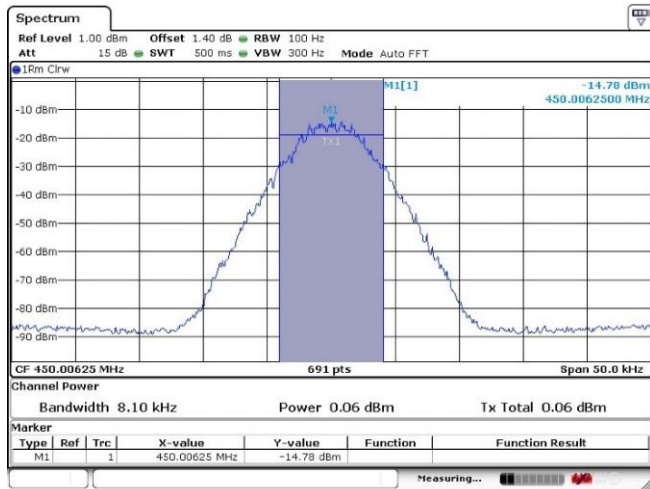
Date: 17.FEB.2024 15:40:54

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

10.5.5.3. Input VS output Comparison

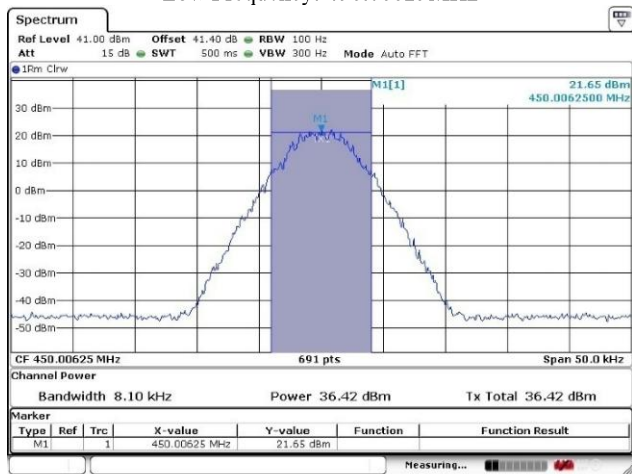
10.5.5.3.1. Downlink

10.5.5.3.1.1. P25 Phase I(C4FM) mode

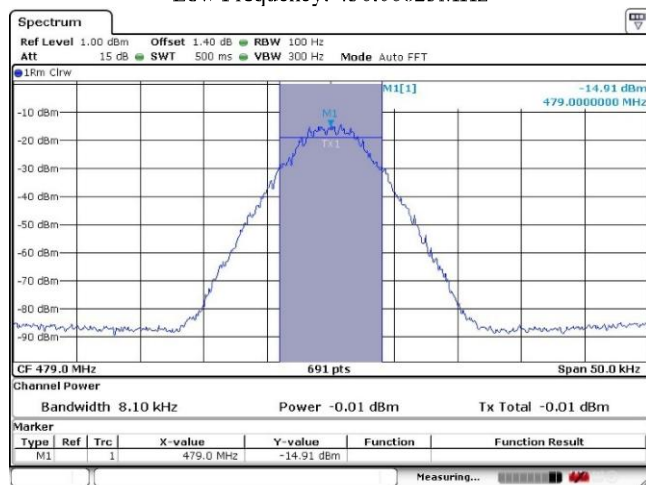


Input signal  
Low Frequency: 450.00625MHz

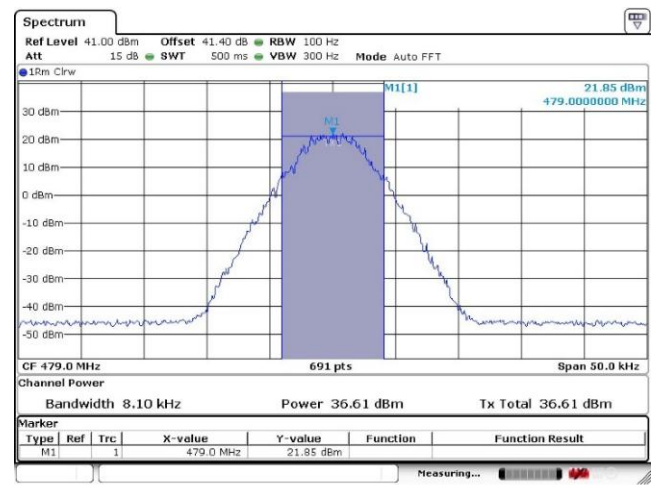
With the input signal amplitude set the AGC threshold  
Low Frequency: 450.00625MHz



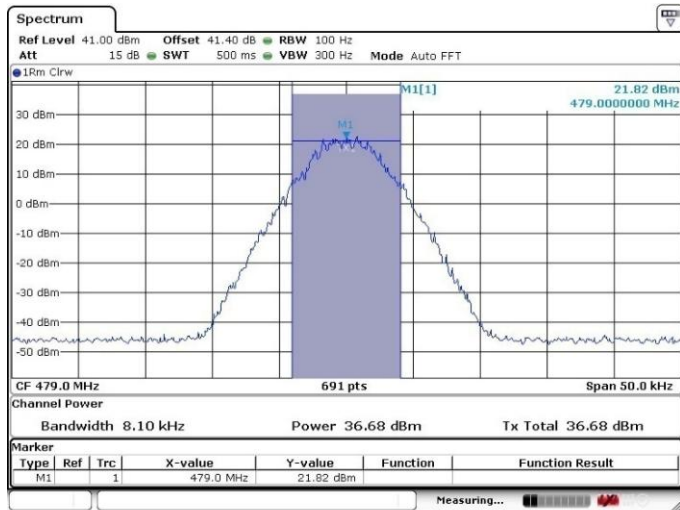
With the input signal amplitude set 3 dB above the AGC threshold  
Low Frequency: 450.00625MHz



Input signal  
Middle Frequency: 479.0MHz

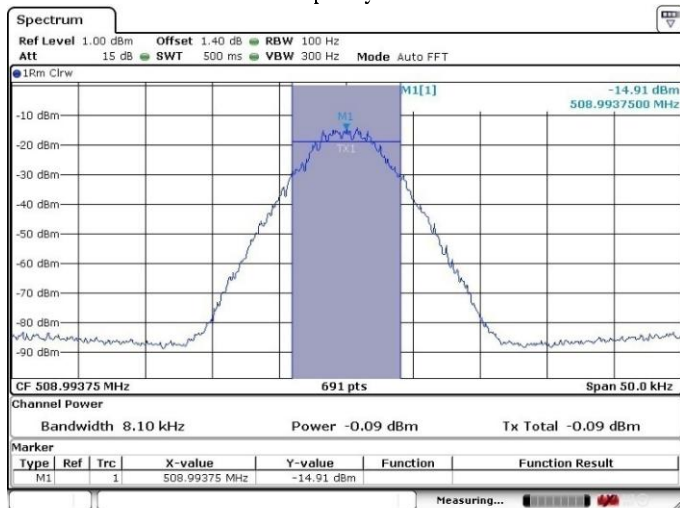


With the input signal amplitude set the AGC threshold  
Middle Frequency: 479.0MHz



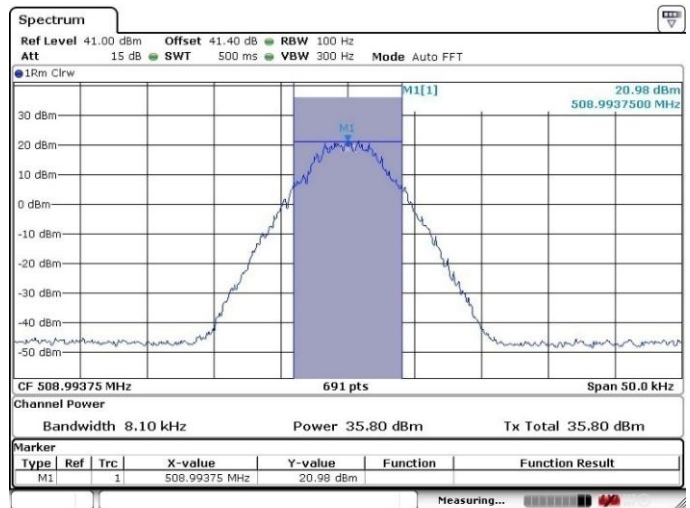
Date: 17.FEB.2024 13:56:32

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



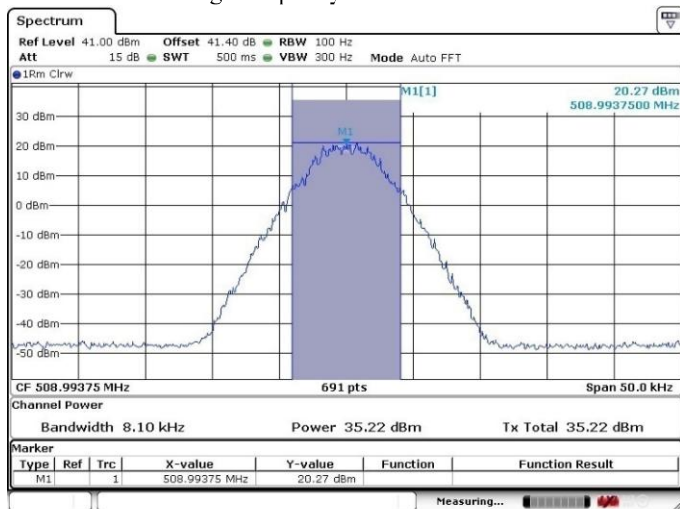
Date: 17.FEB.2024 09:18:26

Input signal  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 13:52:59

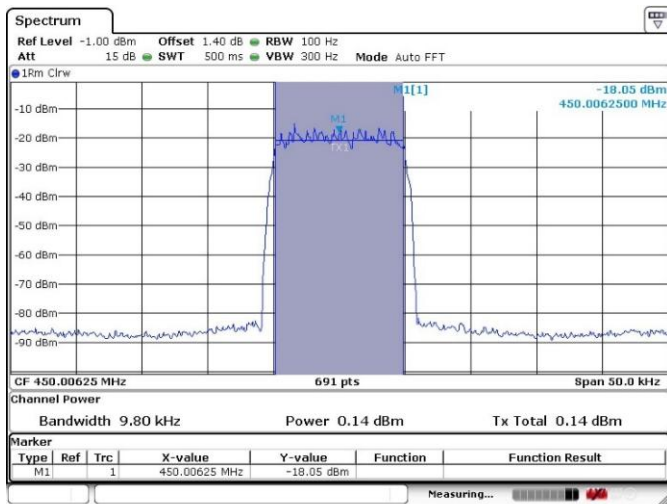
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 13:53:10

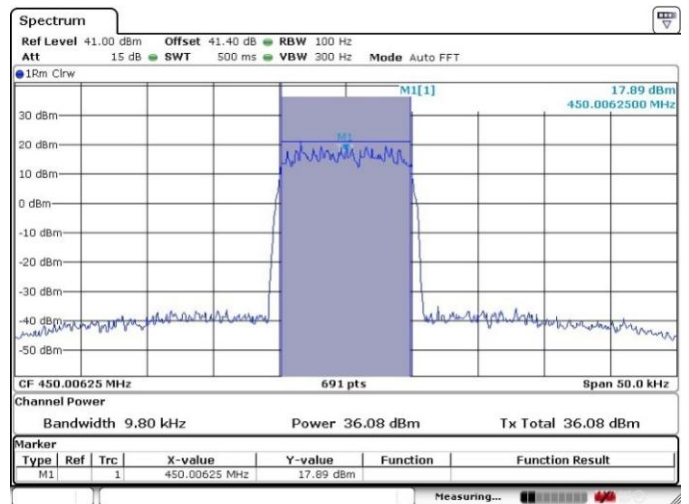
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99375MHz

10.5.5.3.1.2. P25 Phase II(H-DQPSK) mode



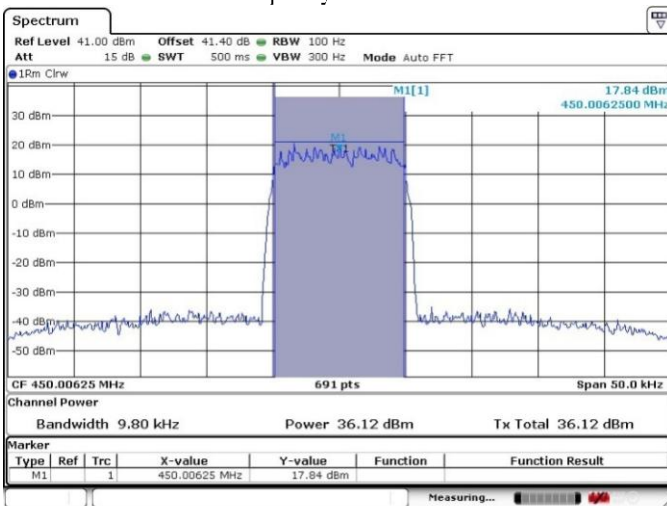
Date: 17.FEB.2024 09:23:42

Input signal  
Low Frequency: 450.00625MHz



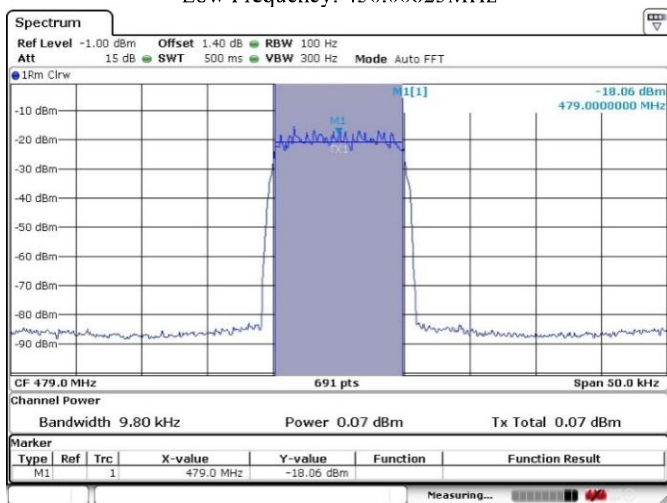
Date: 17.FEB.2024 13:35:20

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



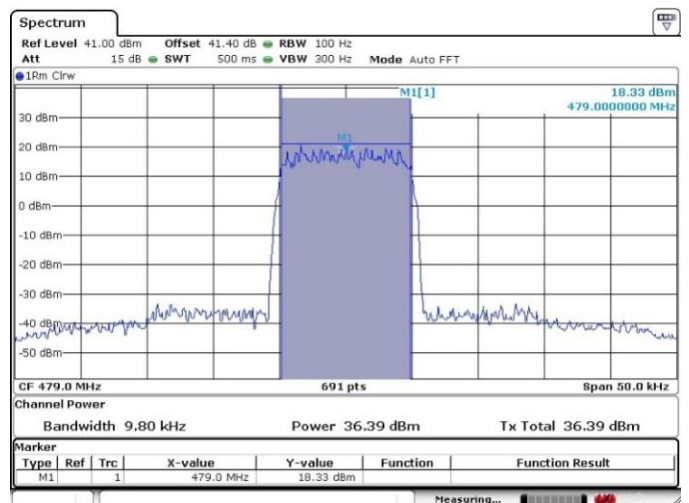
Date: 17.FEB.2024 13:35:52

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



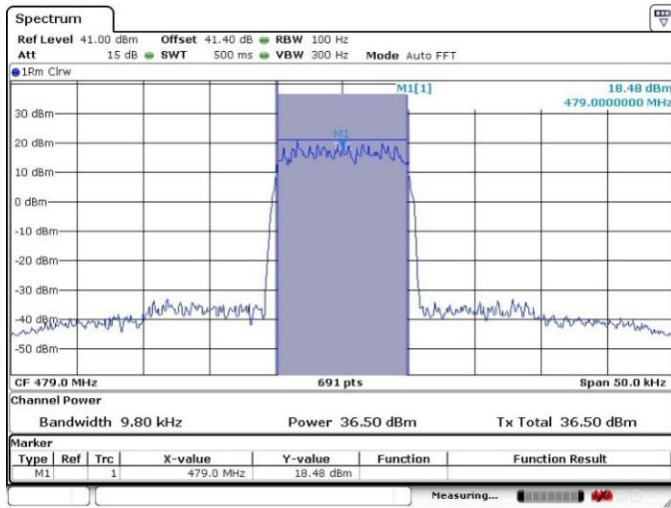
Date: 17.FEB.2024 09:24:22

Input signal  
Middle Frequency: 479.0MHz



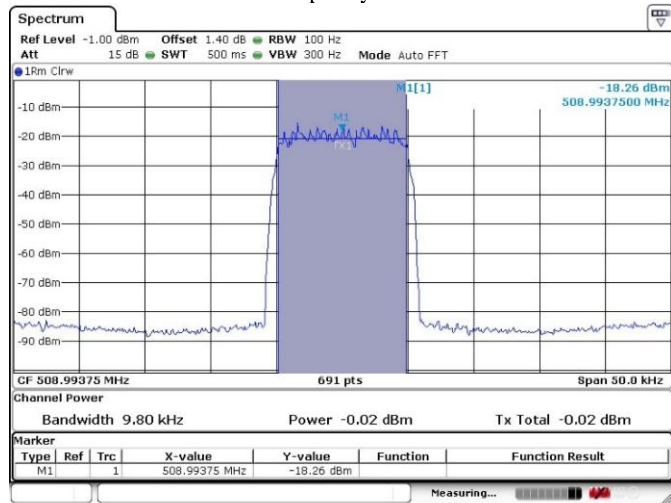
Date: 17.FEB.2024 13:38:49

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



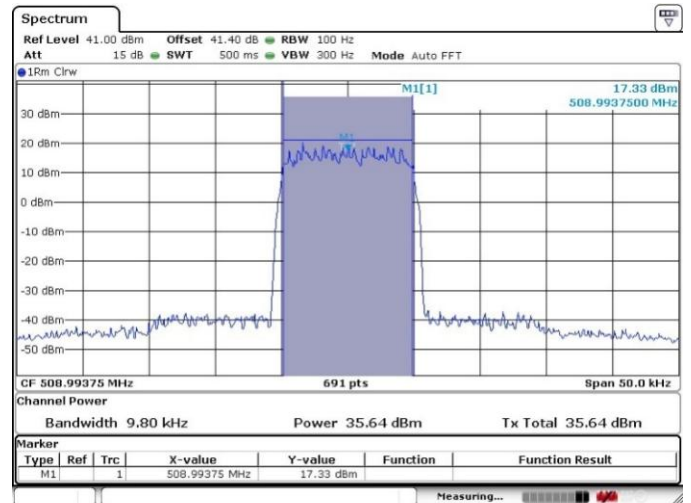
Date: 17.FEB.2024 13:39:02

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



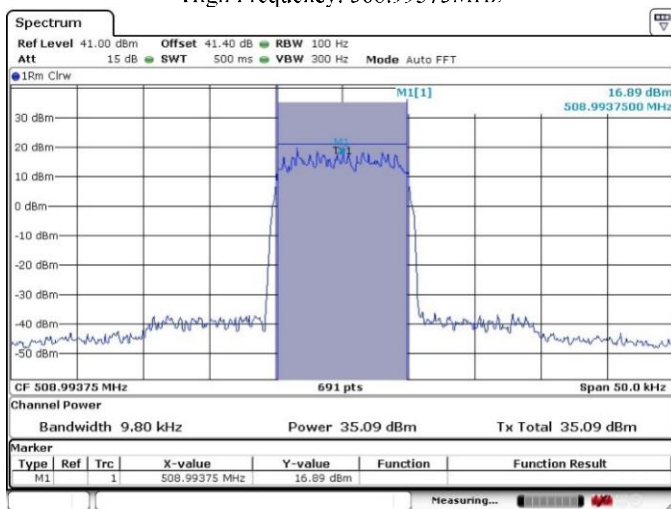
Date: 17.FEB.2024 09:24:52

Input signal  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 13:47:36

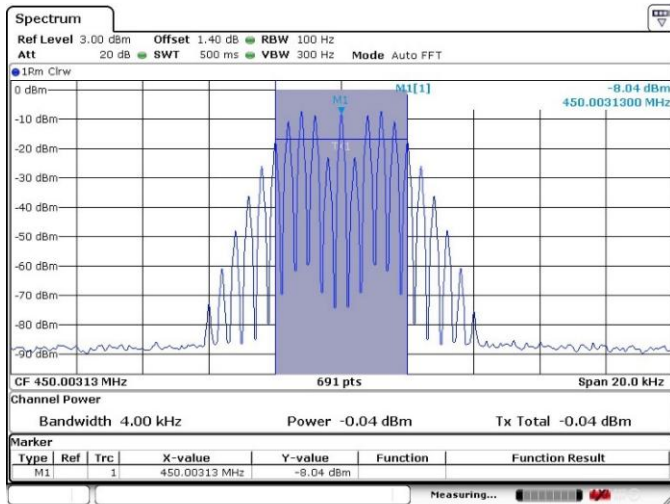
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 13:47:50

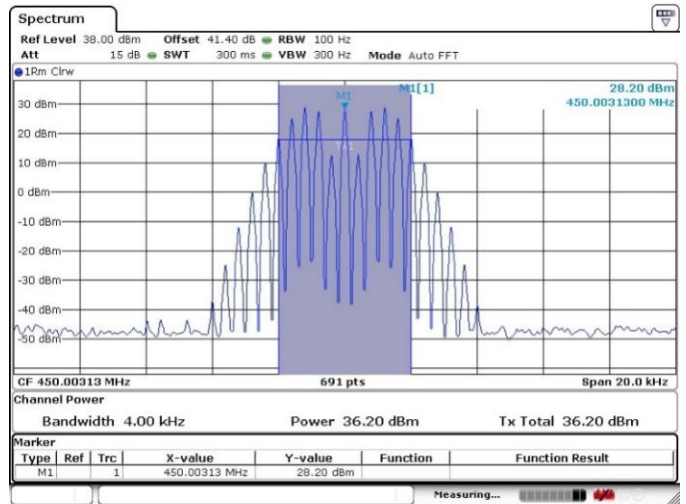
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99375MHz

10.5.5.3.1.3. 6.25kHz Analog FM mode



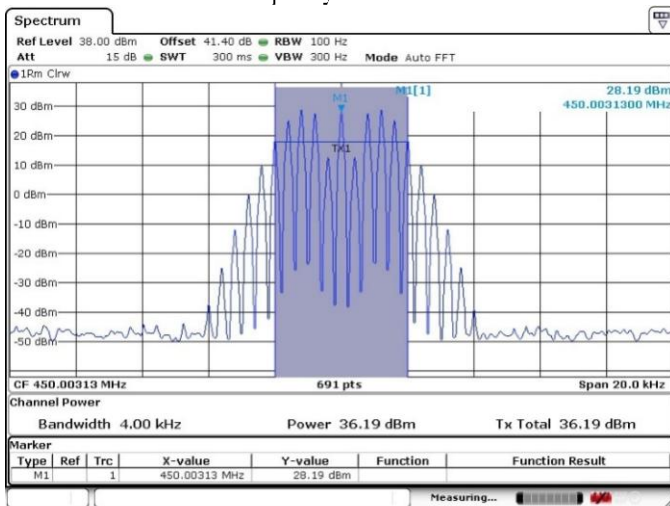
Date: 17.FEB.2024 09:51:14

Input signal  
 Low Frequency: 450.00313MHz



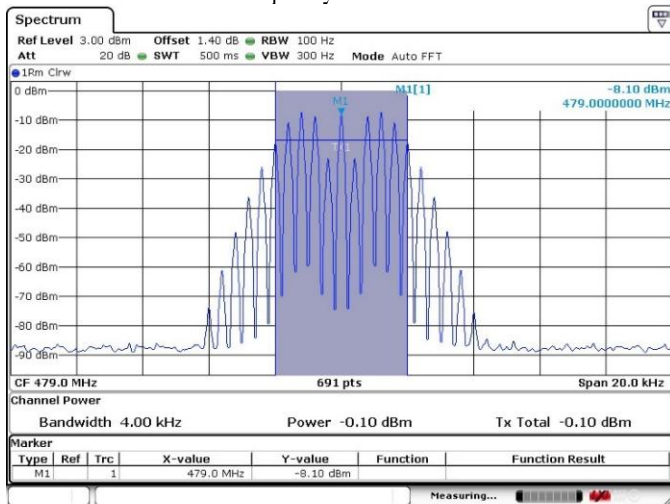
Date: 17.FEB.2024 11:27:35

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



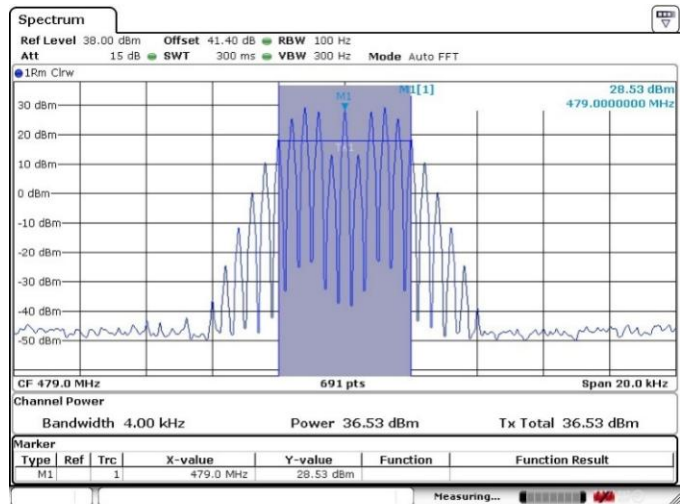
Date: 17.FEB.2024 11:27:47

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



Date: 17.FEB.2024 09:51:52

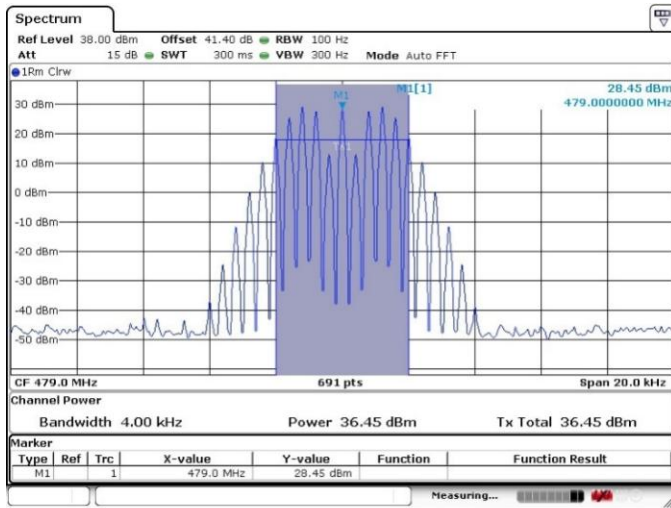
Input signal  
 Middle Frequency: 479.0MHz



Date: 17.FEB.2024 11:23:08

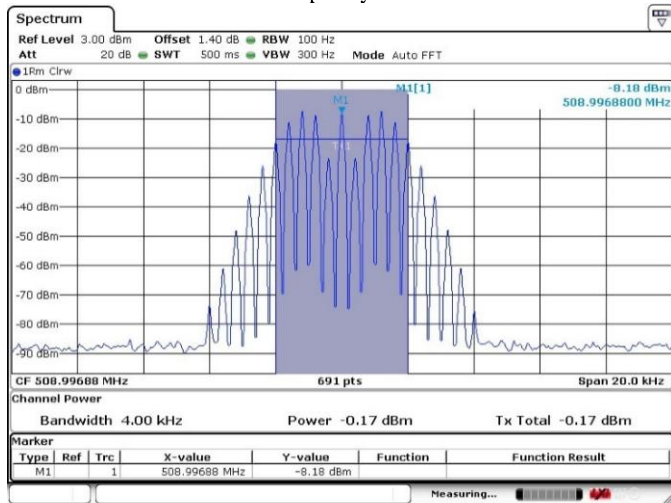
With the input signal amplitude set the AGC threshold  
 Middle Frequency: 479.0MHz





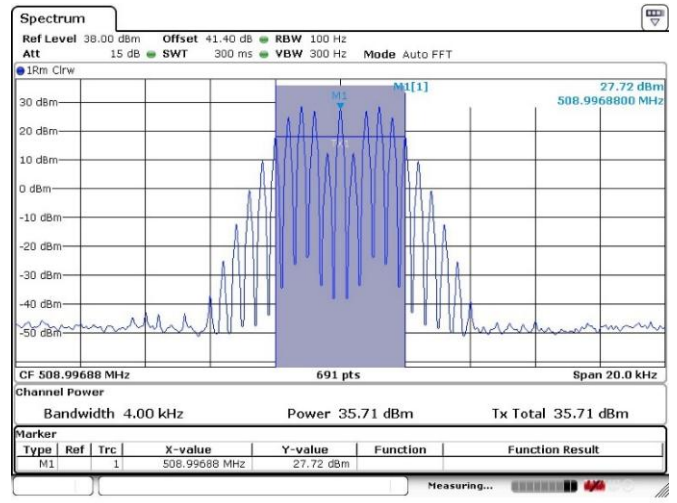
Date: 17.FEB.2024 11:23:20

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



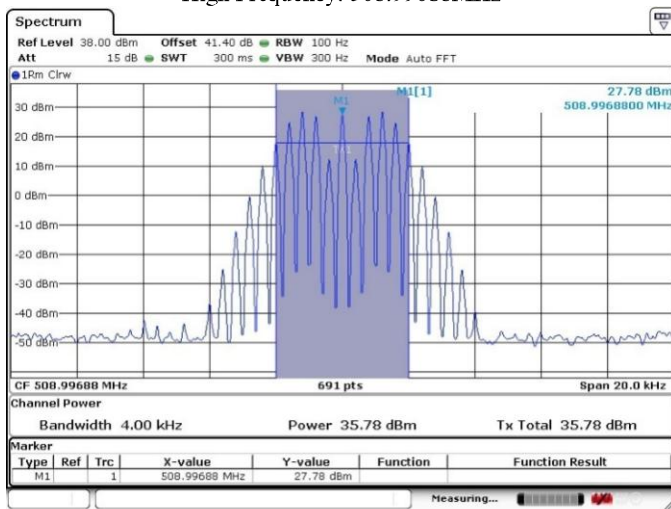
Date: 17.FEB.2024 09:52:23

Input signal  
 High Frequency: 508.99688MHz



Date: 17.FEB.2024 11:16:07

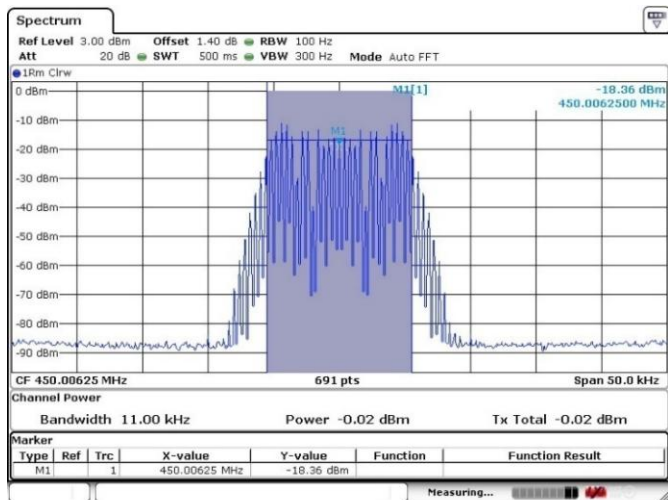
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99688MHz



Date: 17.FEB.2024 11:17:12

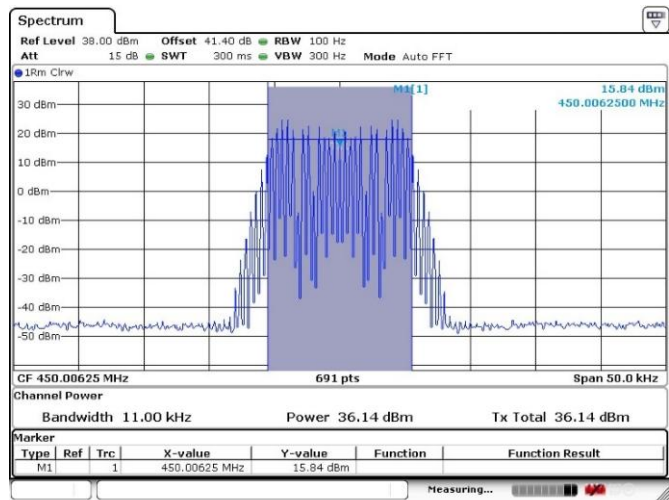
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99688MHz

10.5.5.3.1.4. 12.5kHz Analog FM mode



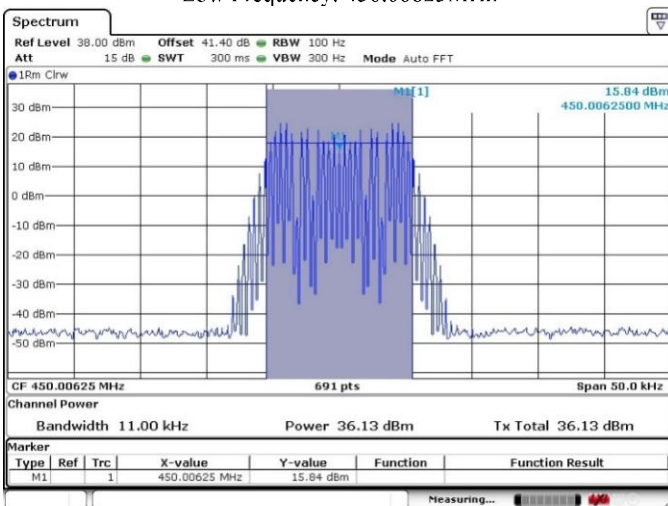
Date: 17.FEB.2024 09:57:16

Input signal  
Low Frequency: 450.00625MHz



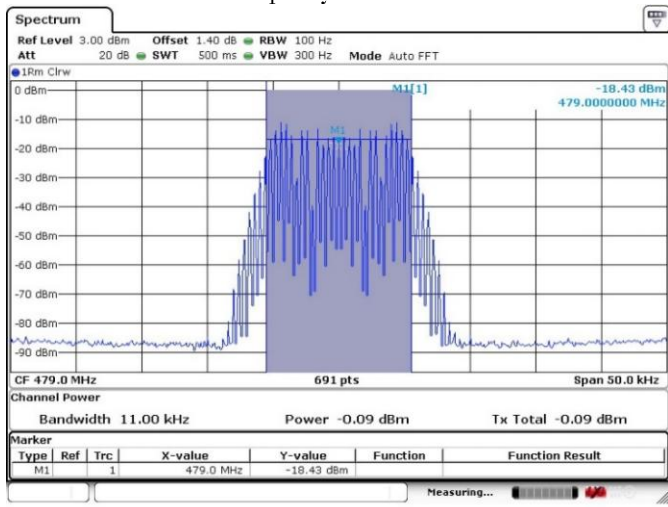
Date: 17.FEB.2024 11:01:00

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



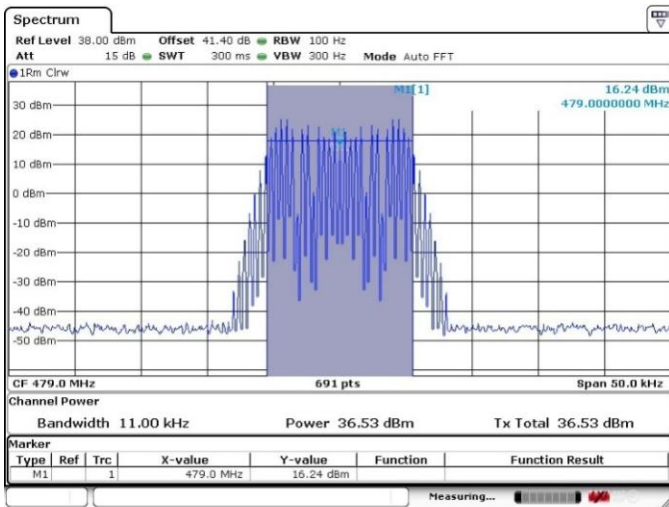
Date: 17.FEB.2024 11:01:23

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



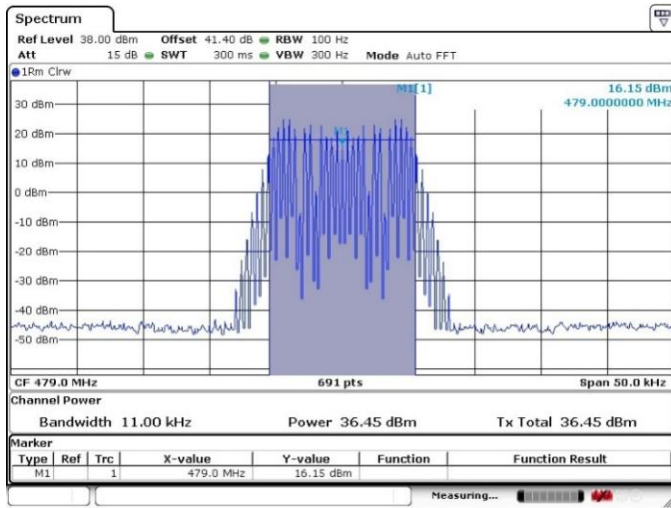
Date: 17.FEB.2024 09:57:46

Input signal  
Middle Frequency: 479.0MHz



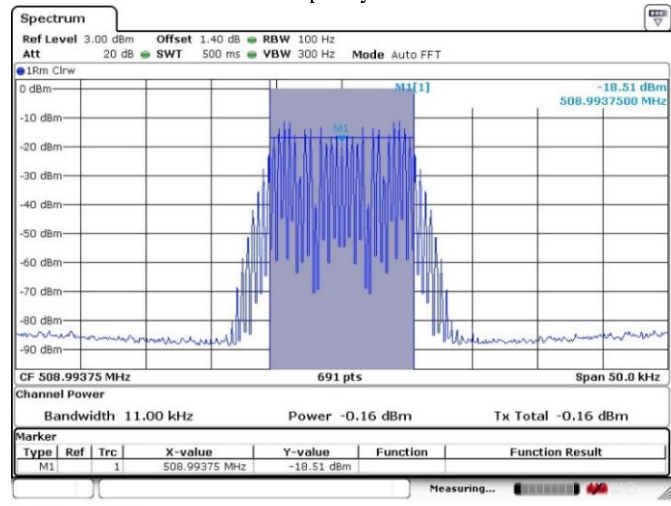
Date: 17.FEB.2024 11:06:15

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



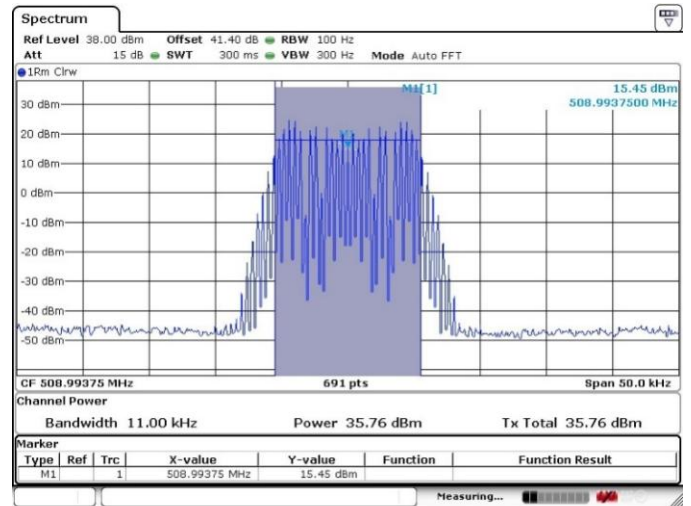
Date: 17.FEB.2024 11:06:29

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



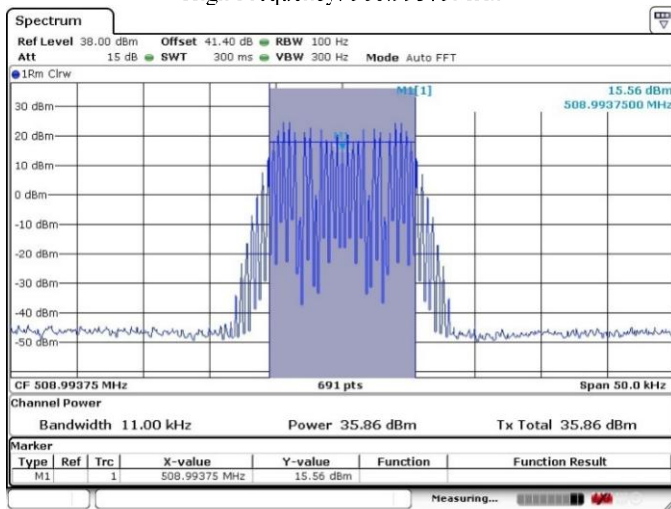
Date: 17.FEB.2024 09:58:24

Input signal  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 11:10:36

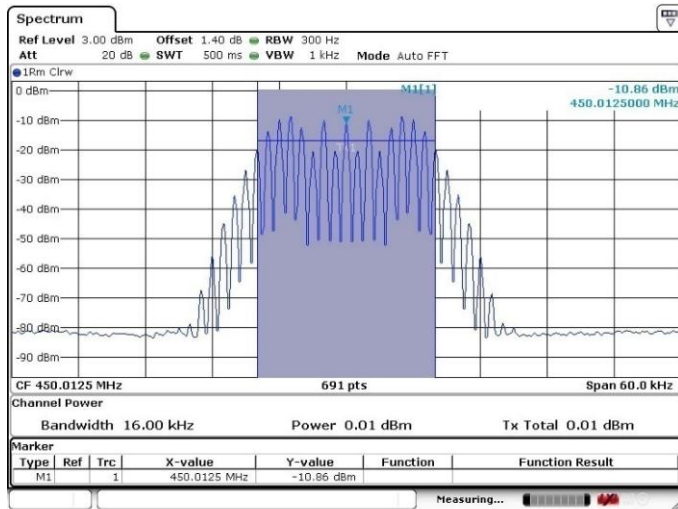
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99375MHz



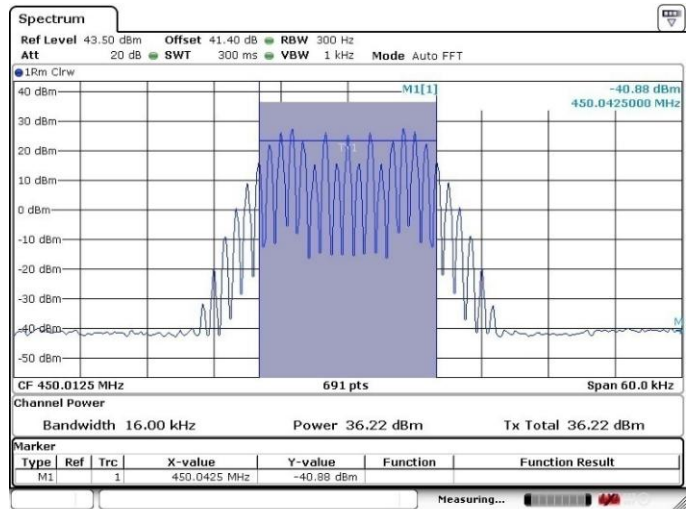
Date: 17.FEB.2024 11:10:47

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

10.5.5.3.1.5. 25kHz Analog FM mode



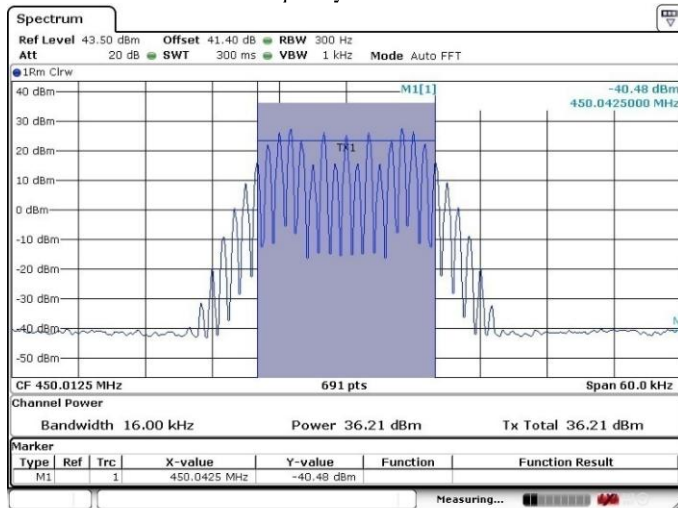
Date: 17.FEB.2024 10:02:13



Date: 17.FEB.2024 10:38:11

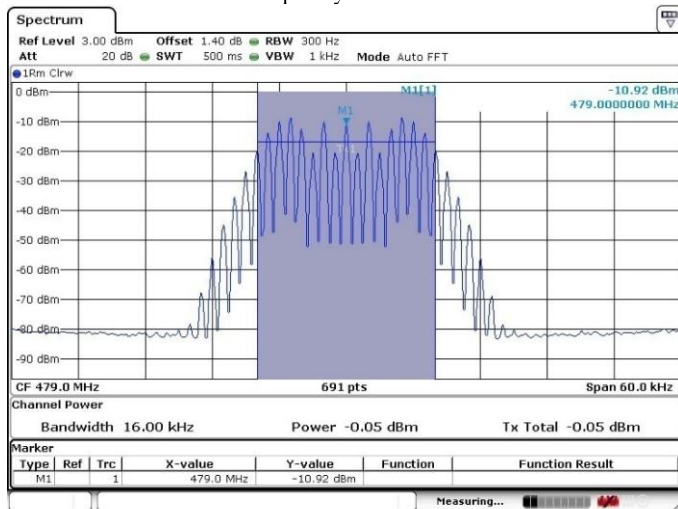
Input signal  
Low Frequency: 450.0125MHz

With the input signal amplitude set the AGC threshold  
Low Frequency: 450.0125MHz



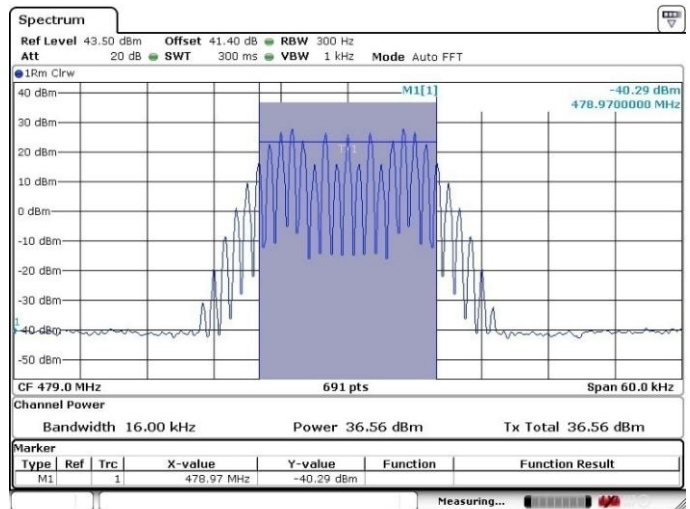
Date: 17.FEB.2024 10:38:23

With the input signal amplitude set 3 dB above the AGC threshold  
Low Frequency: 450.0125MHz



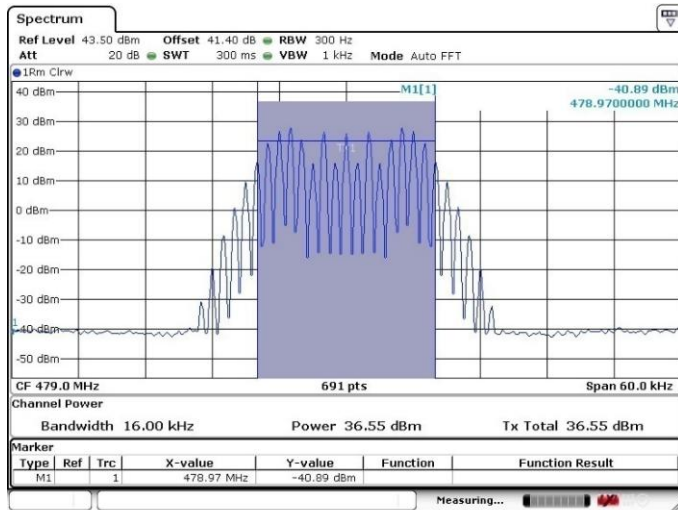
Date: 17.FEB.2024 10:02:56

Input signal  
Middle Frequency: 479.0MHz



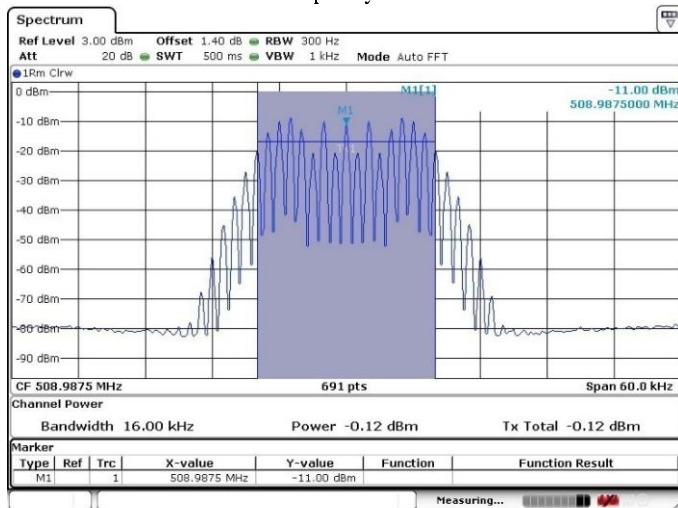
Date: 17.FEB.2024 10:34:44

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



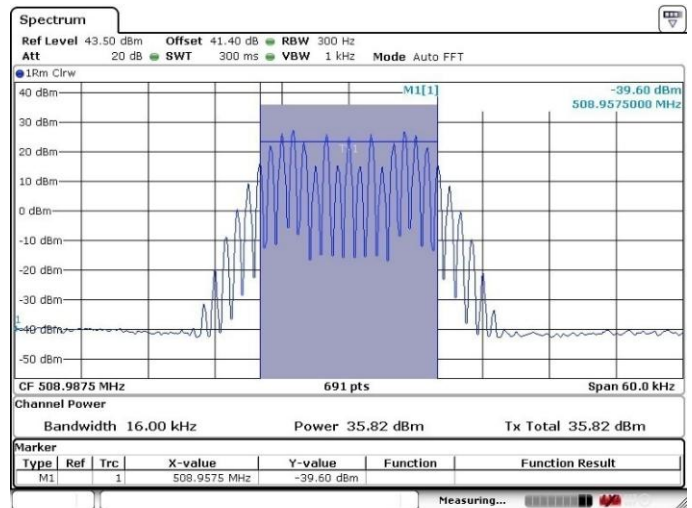
Date: 17.FEB.2024 10:35:09

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



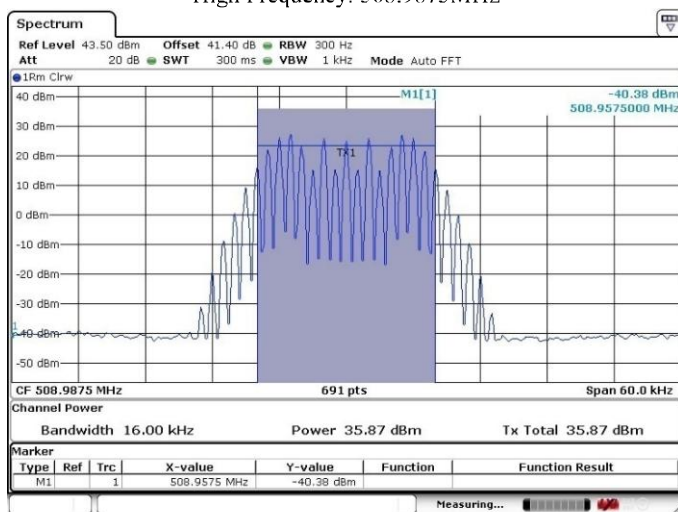
Date: 17.FEB.2024 10:03:21

Input signal  
High Frequency: 508.9875MHz



Date: 17.FEB.2024 10:40:52

With the input signal amplitude set the AGC threshold  
High Frequency: 508.9875MHz

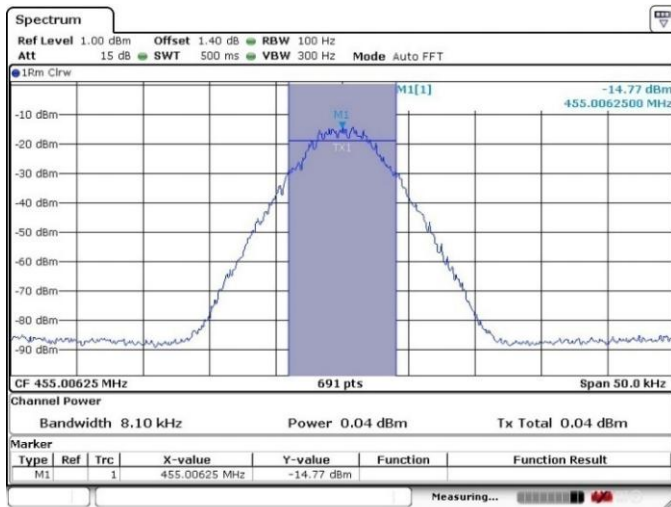


Date: 17.FEB.2024 10:41:04

With the input signal amplitude set 3 dB above the AGC threshold  
High Frequency: 508.9875MHz

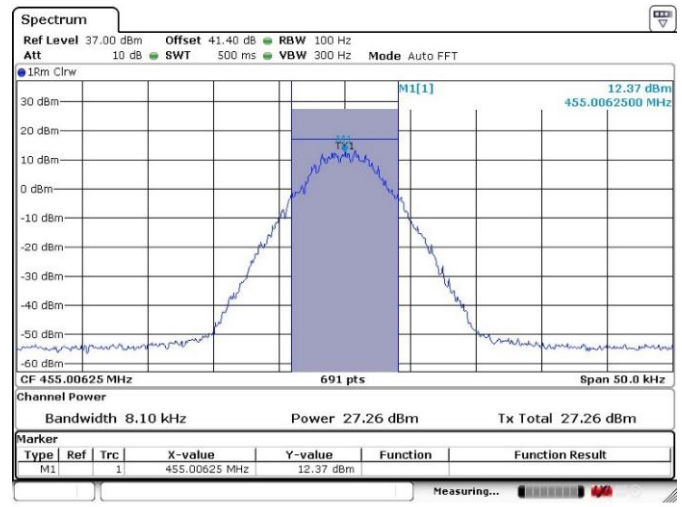
10.5.5.3.2. Uplink

10.5.5.3.2.1. P25 Phase I(C4FM) mode



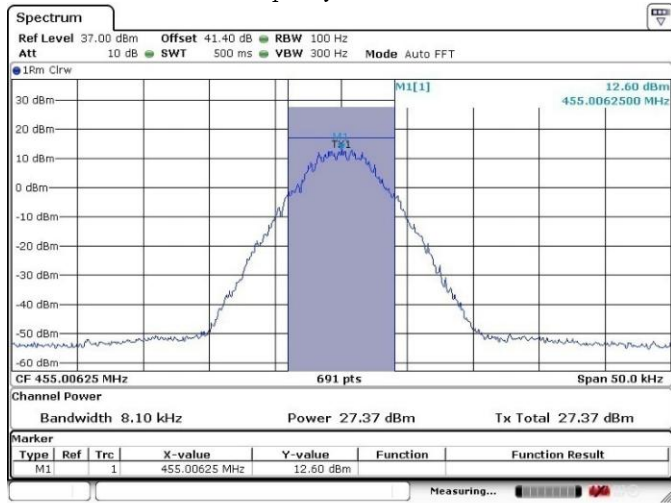
Date: 17.FEB 2024 09:19:04

Input signal  
Low Frequency: 455.00625MHz



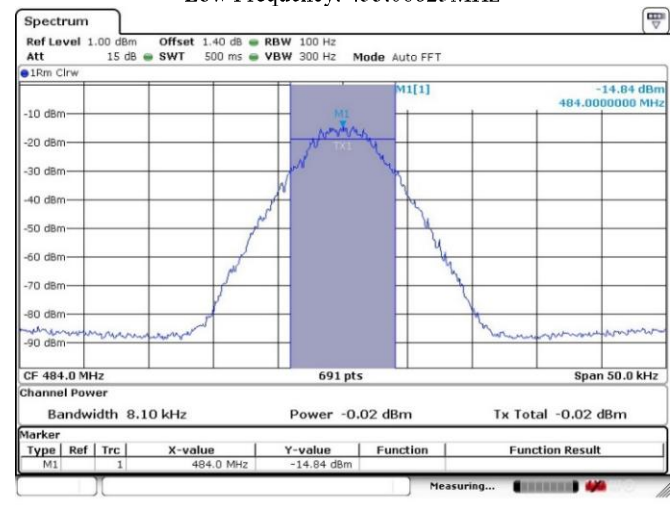
Date: 17.FEB 2024 14:28:04

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



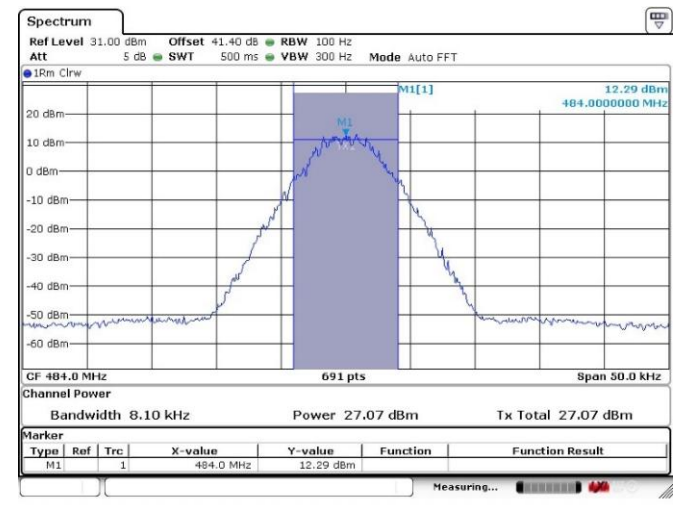
Date: 17.FEB 2024 14:28:17

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



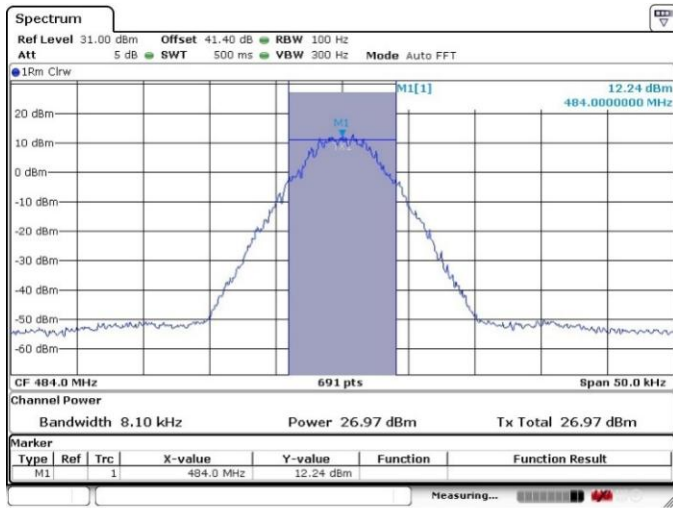
Date: 17.FEB 2024 09:19:43

Input signal  
Middle Frequency: 484.0MHz



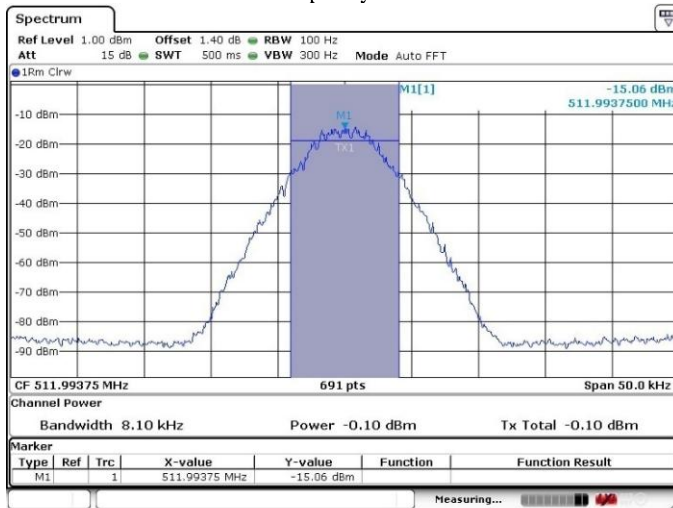
Date: 17.FEB 2024 14:33:46

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



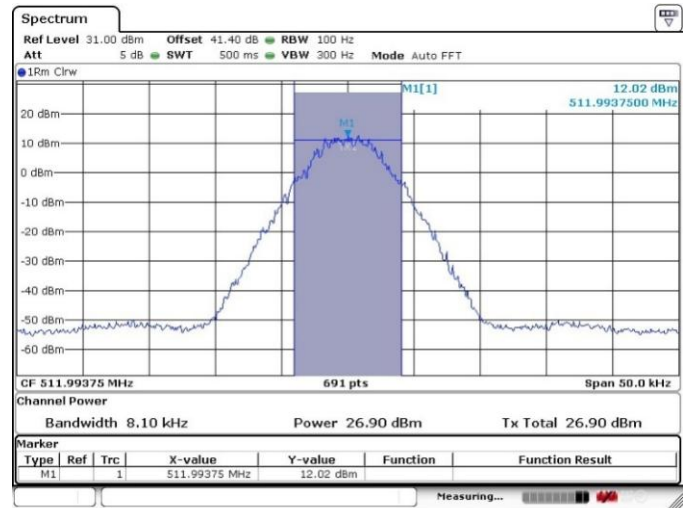
Date: 17.FEB.2024 14:34:38

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



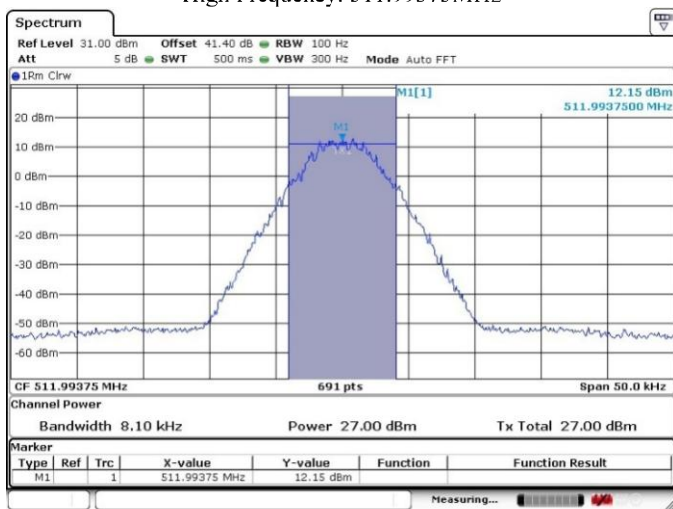
Date: 17.FEB.2024 09:20:10

Input signal  
 High Frequency: 511.99375MHz



Date: 17.FEB.2024 14:41:03

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



Date: 17.FEB.2024 14:41:17

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