

10.5.4.3.3. 6.25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
<b>(5) Downlink transmit mode</b>		
Low frequency: 450.00313 MHz	Input signal	See clause 10.5.5.3.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.3
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.3
High frequency: 508.99688MHz	Input signal	See clause 10.5.5.3.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.3
<b>(6) Uplink transmit mode</b>		
Low frequency: 455.00313 MHz	Input signal	See clause 10.5.5.3.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.3
Mid frequency: 484.0 MHz	Input signal	See clause 10.5.5.3.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.3
High frequency: 511.99688MHz	Input signal	See clause 10.5.5.3.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.3

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10.5.4.3.4. 12.5kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
<b>(7) Downlink transmit mode</b>		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.4
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.4
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.4
<b>(8) Uplink transmit mode</b>		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.4
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.4
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.4

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10.5.4.3.5. 25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
<b>(9) Downlink transmit mode</b>		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.5
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.5
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.5
<b>(10) Uplink transmit mode</b>		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.5
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.5
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.5

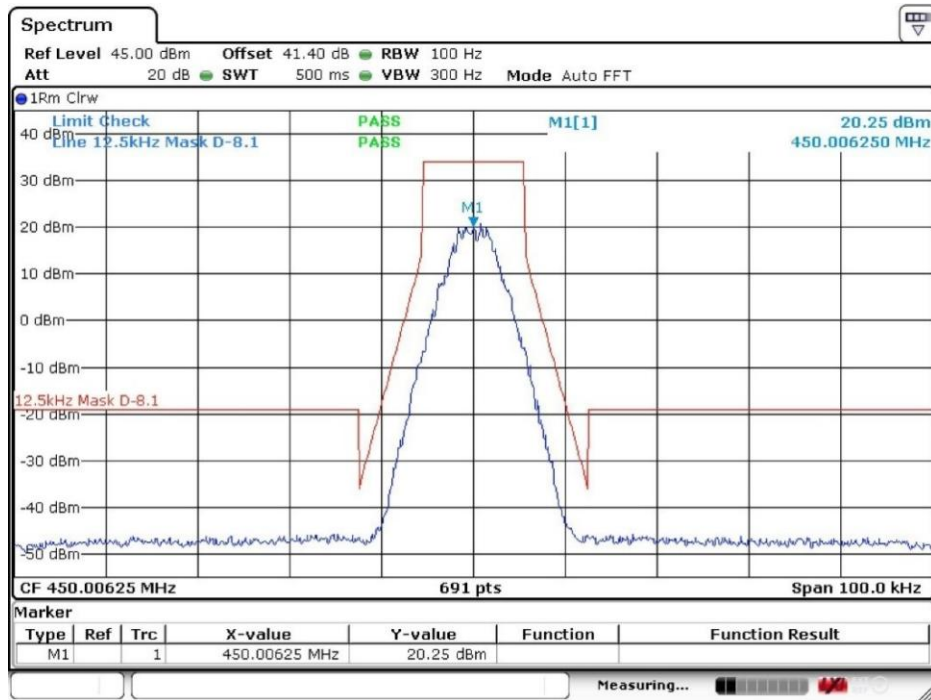
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10.5.5. Test screenshot

10.5.5.1. Emission mask

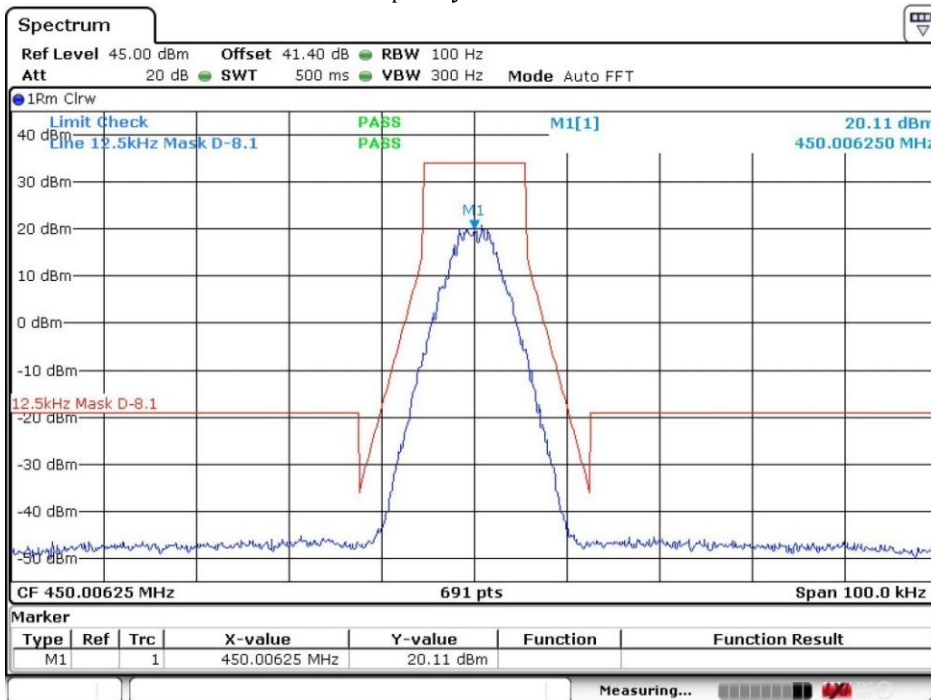
10.5.5.1.1. Downlink

10.5.5.1.1.1. P25 Phase I(C4FM) mode



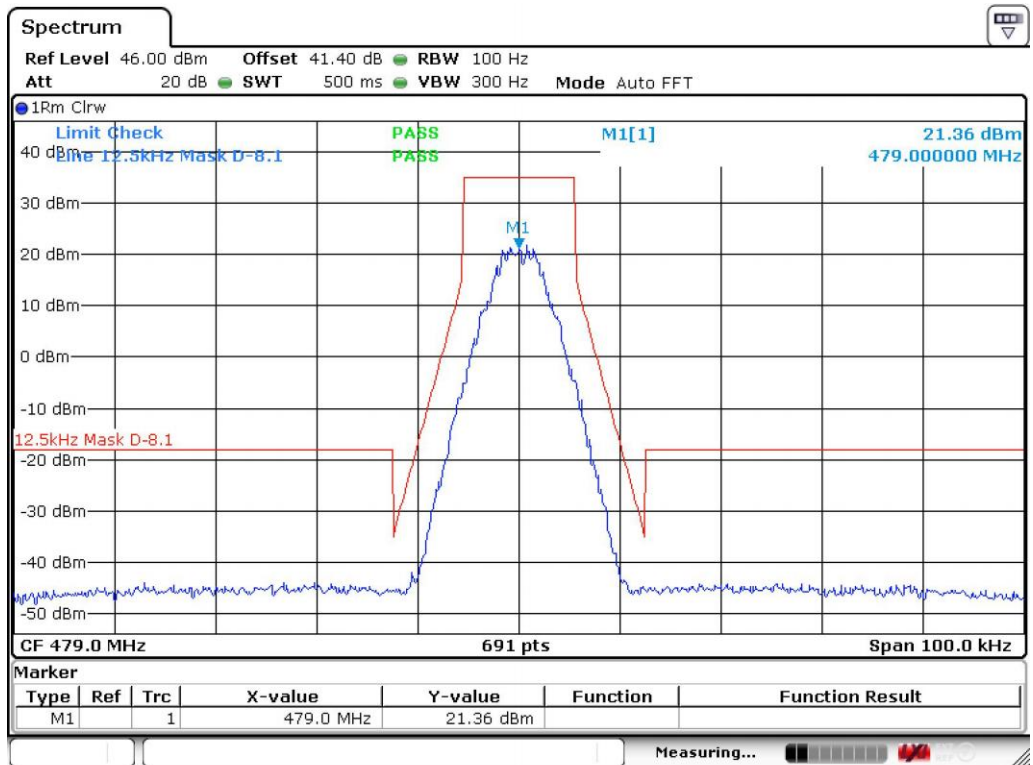
Date: 17.FEB.2024 16:33:48

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



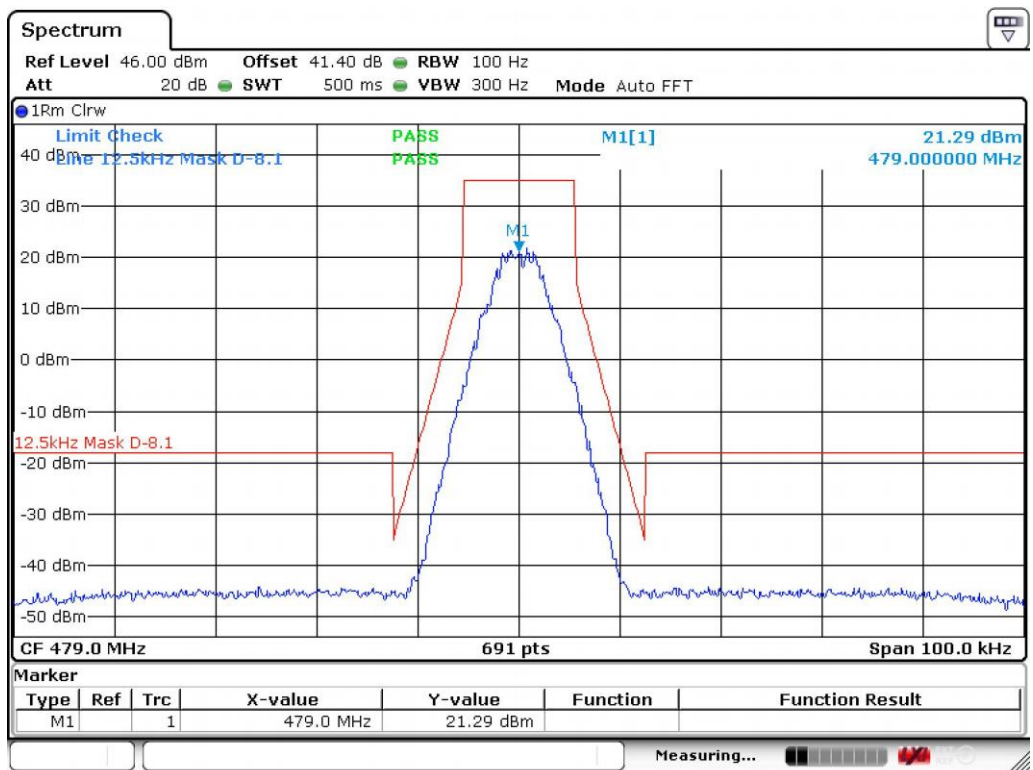
Date: 17.FEB.2024 16:33:54

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



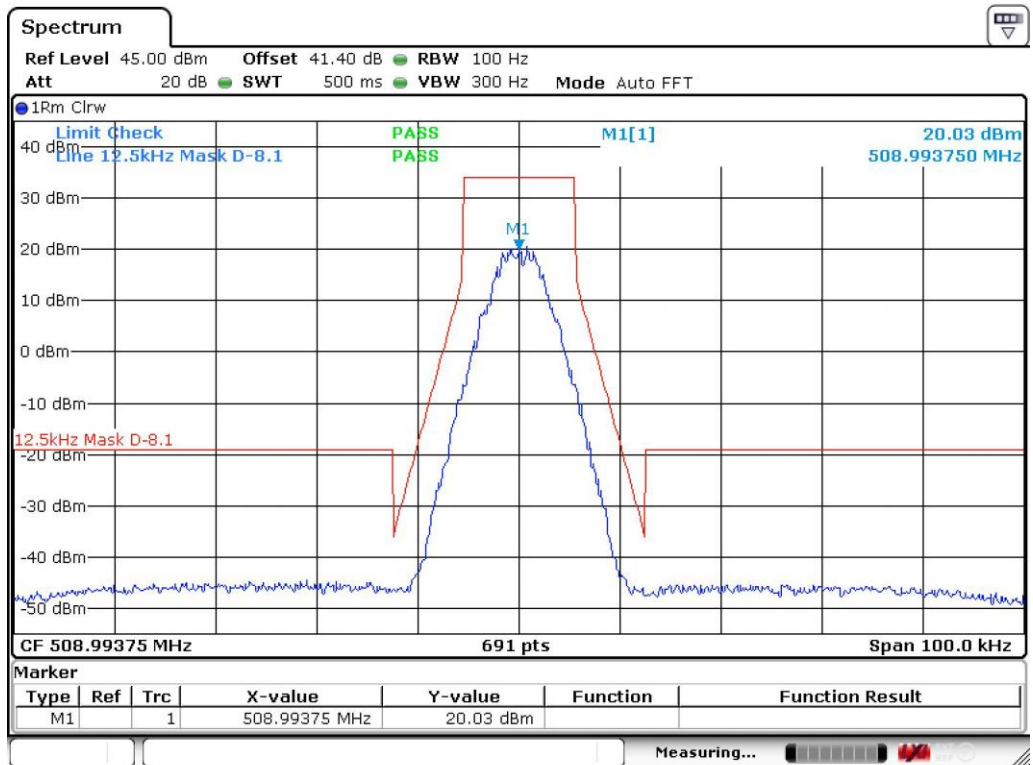
Date: 17.FEB.2024 16:32:51

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



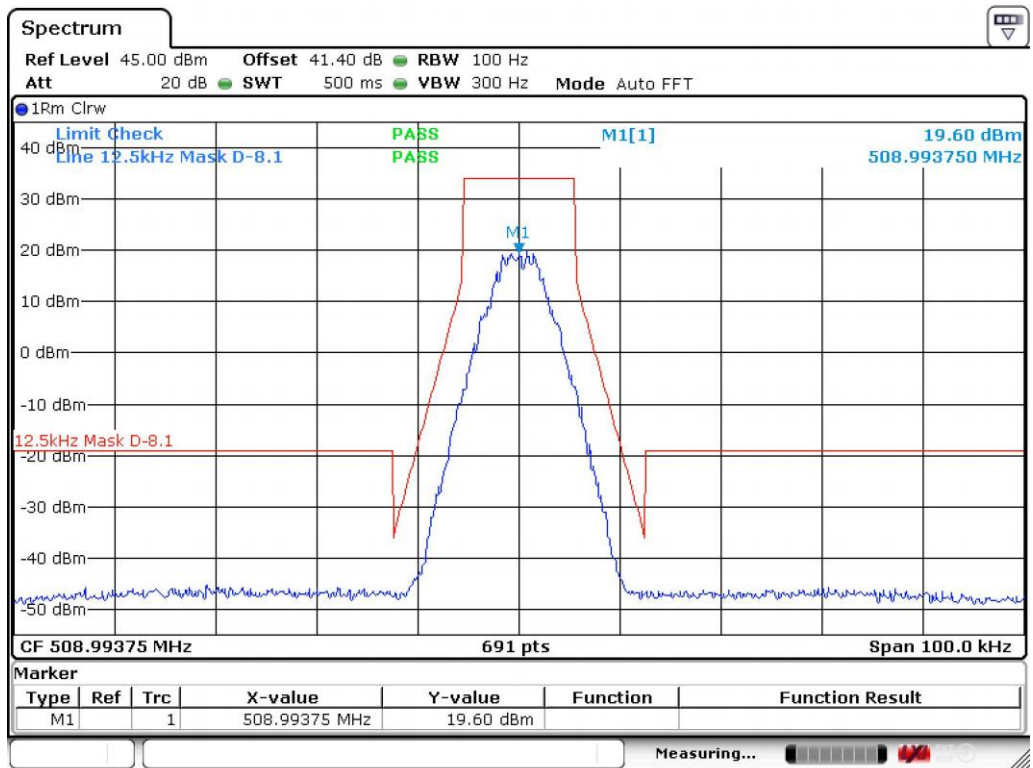
Date: 17.FEB.2024 16:32:58

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



Date: 17.FEB.2024 16:30:29

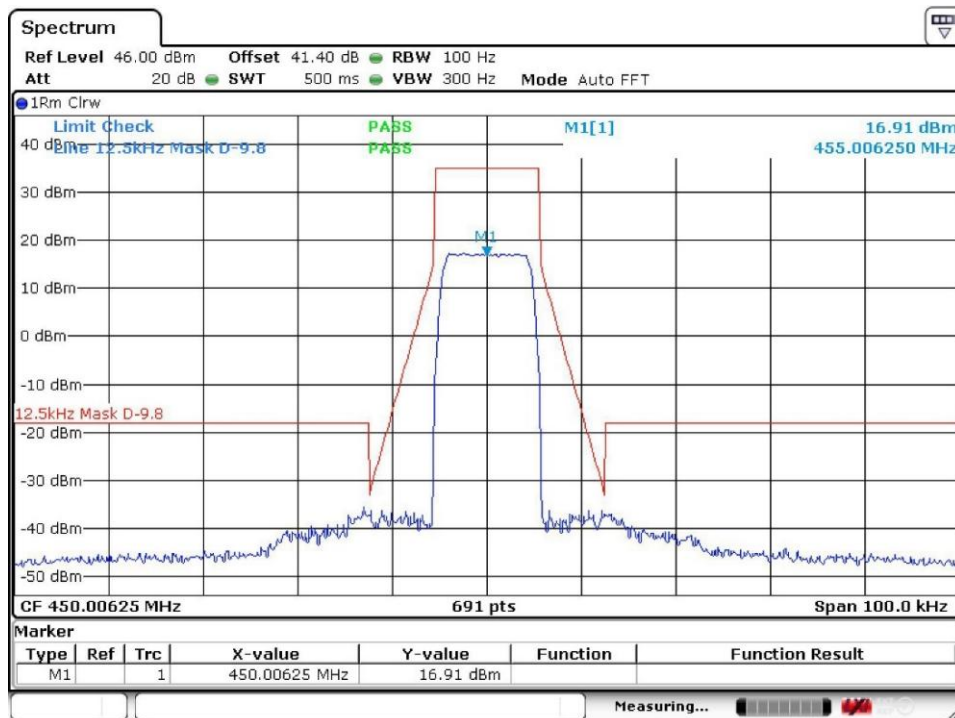
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 16:31:49

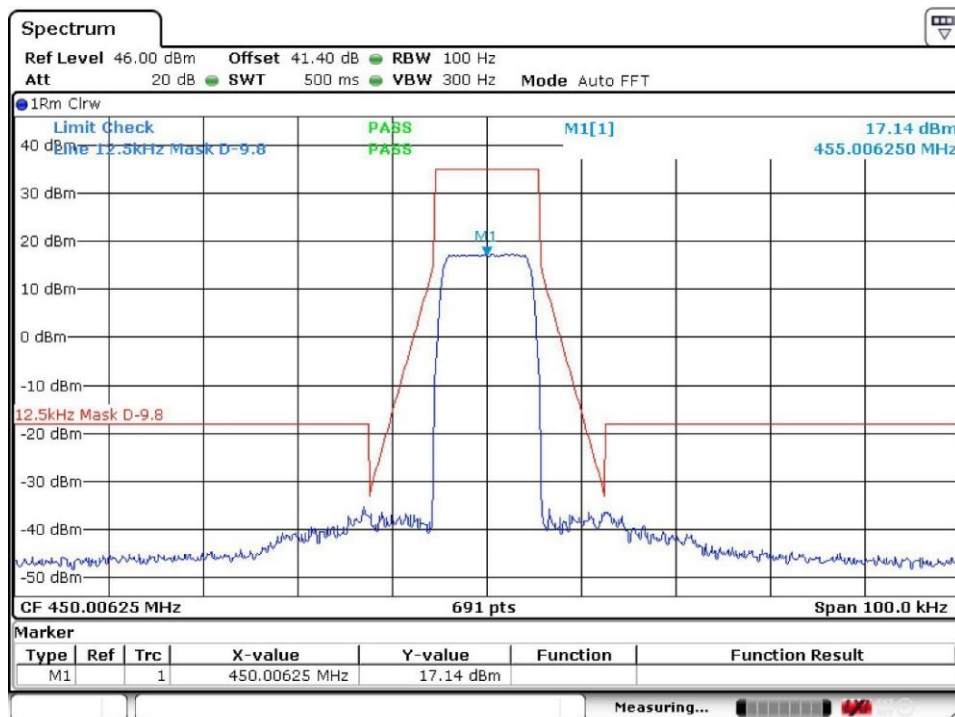
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99375MHz

10.5.5.1.1.2. P25 Phase II(H-DQPSK) mode



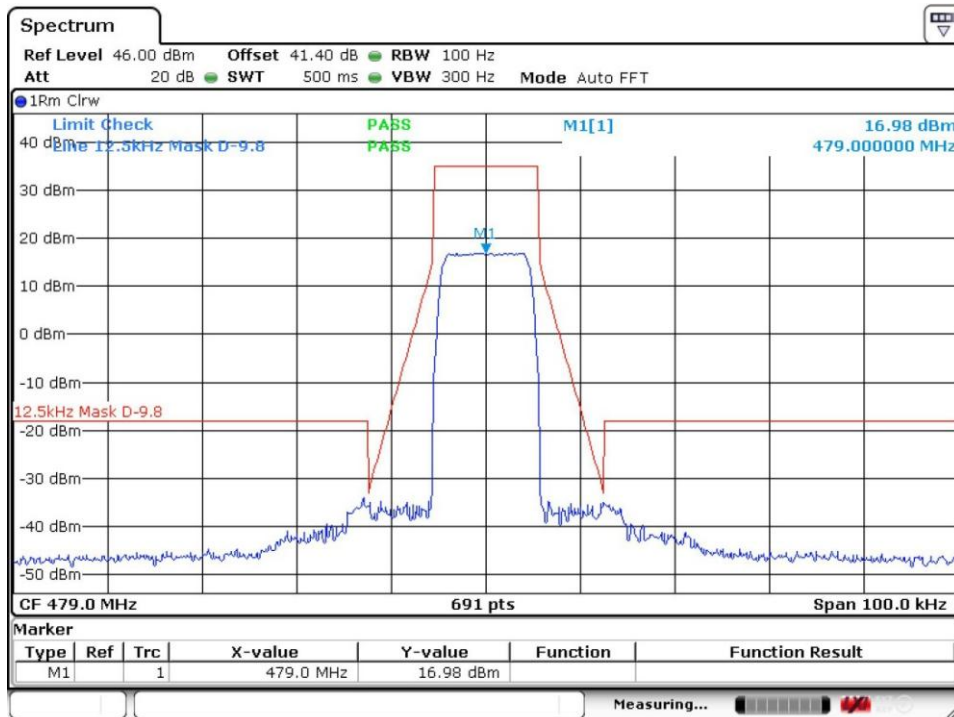
Date: 17.FEB.2024 16:41:13

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



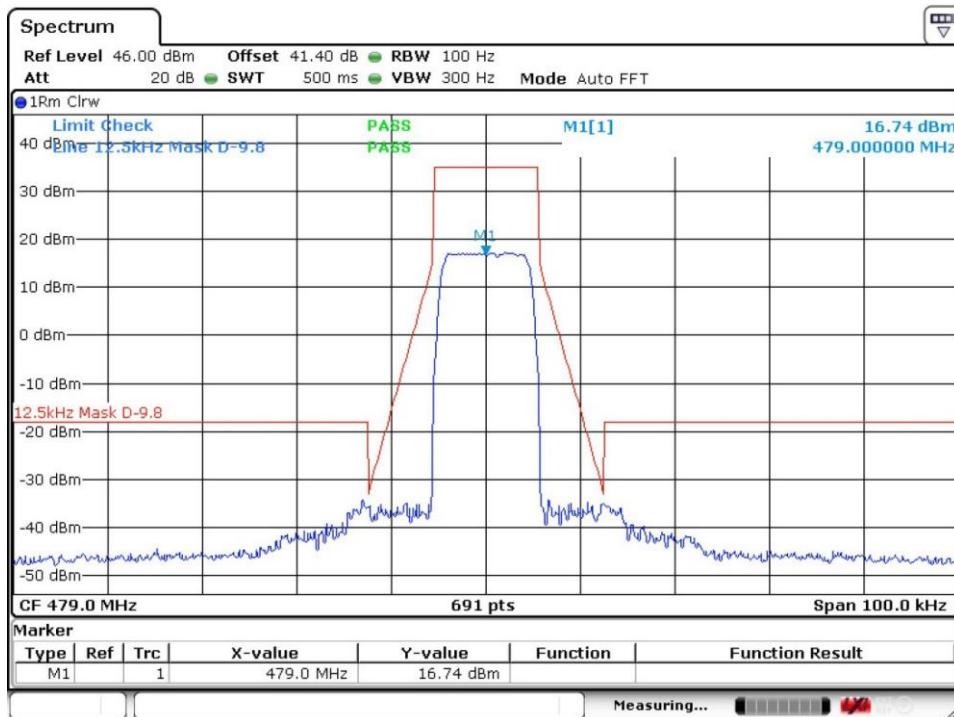
Date: 17.FEB.2024 16:41:26

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



Date: 17.FEB.2024 16:40:21

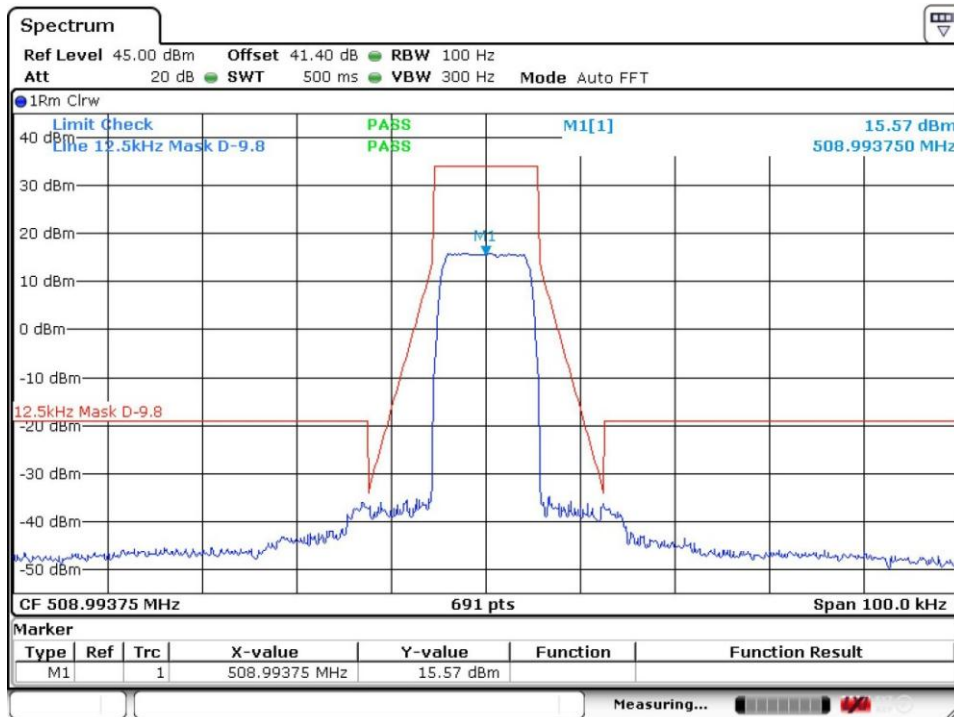
With the input signal amplitude set the AGC threshold  
 Middle Frequency: 479.0MHz



Date: 17.FEB.2024 16:40:37

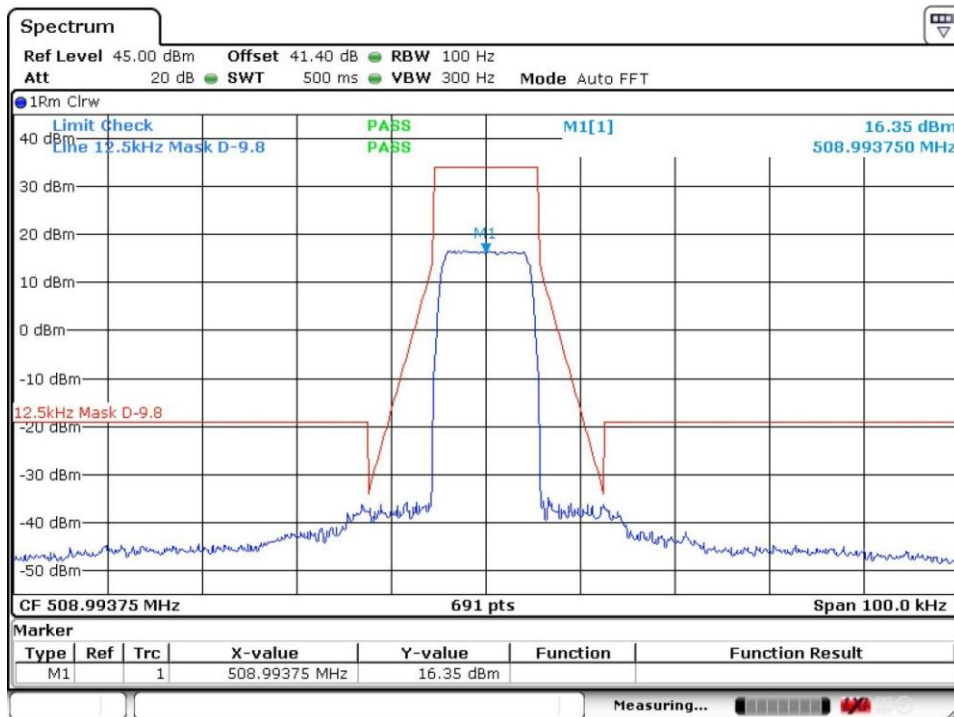
With the input signal amplitude set 3 dB above the AGC threshold  
 Middle Frequency: 479.0MHz





Date: 17.FEB.2024 16:42:22

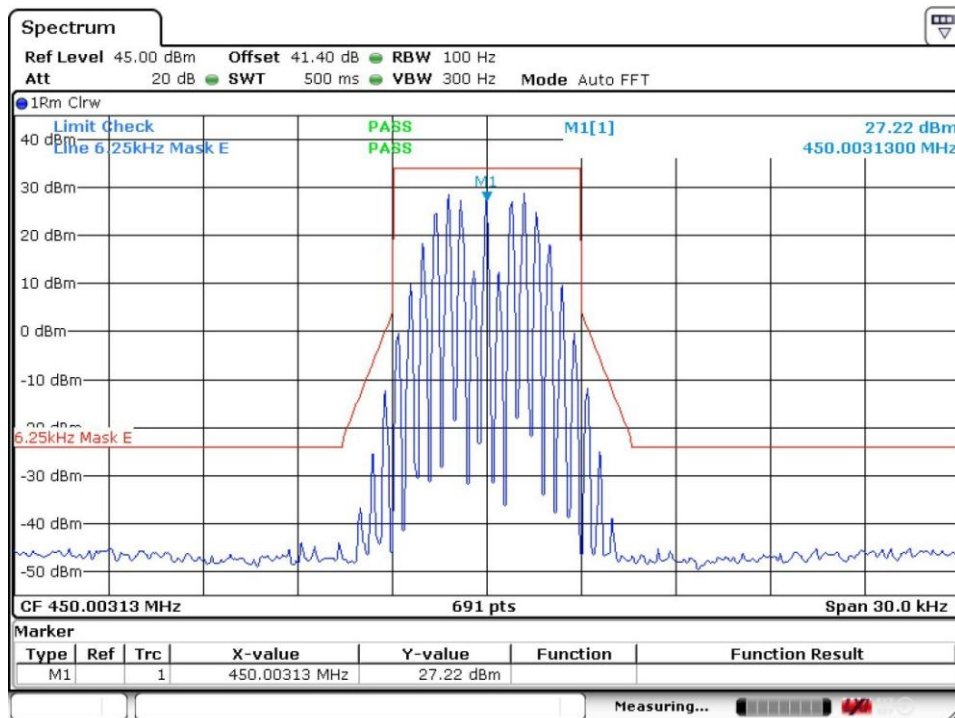
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99375MHz



Date: 17.FEB.2024 16:42:36

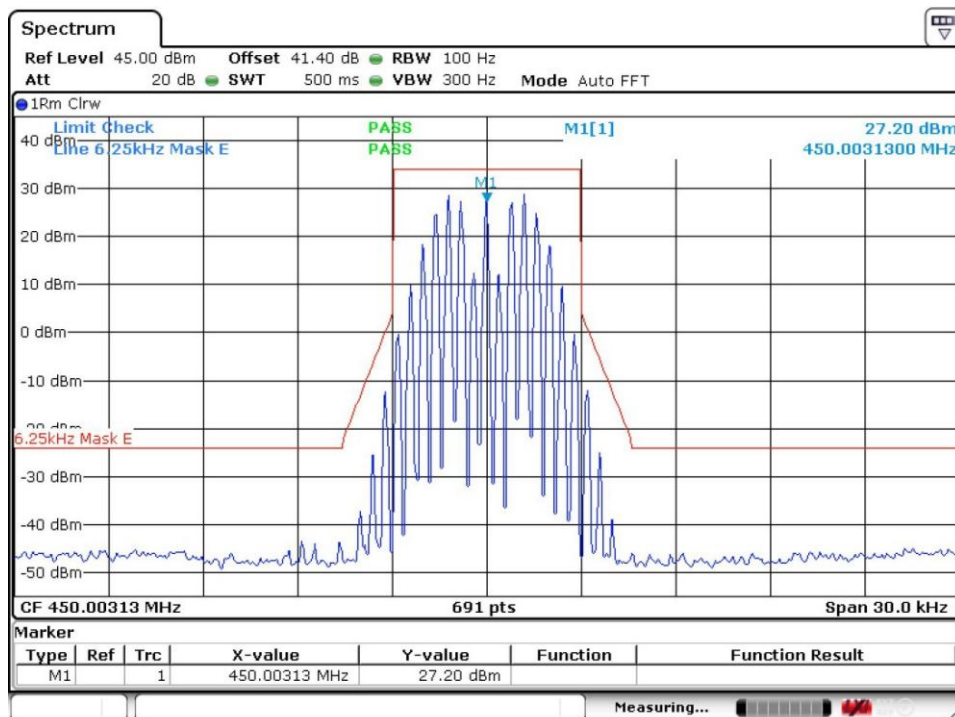
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99375MHz

10.5.5.1.1.3. 6.25kHz Analog FM mode



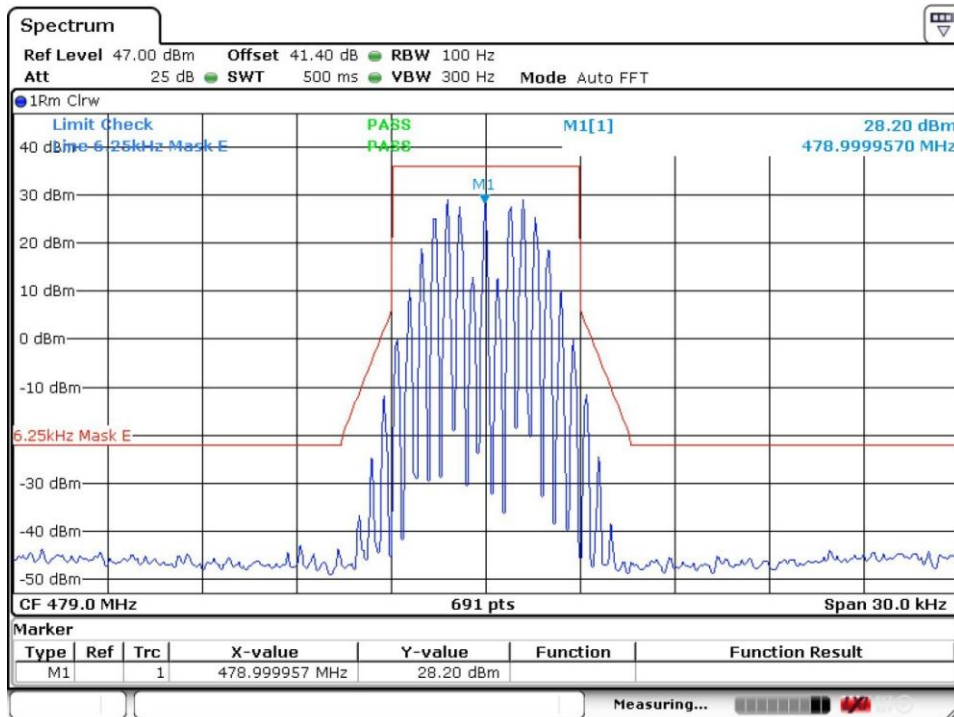
Date: 17.FEB.2024 16:46:09

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



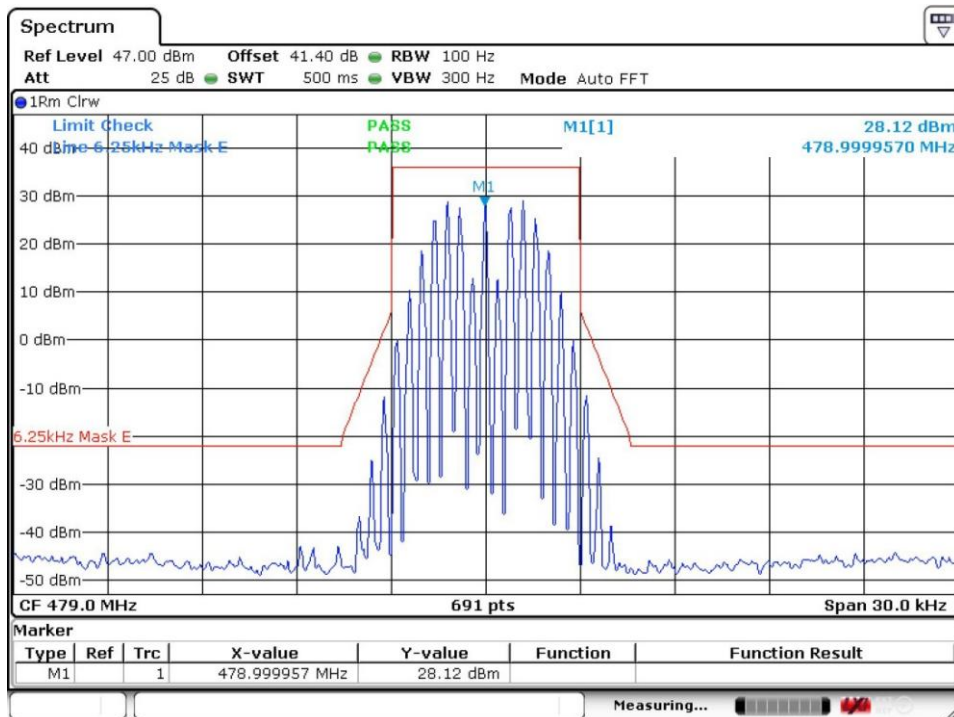
Date: 17.FEB.2024 16:46:30

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



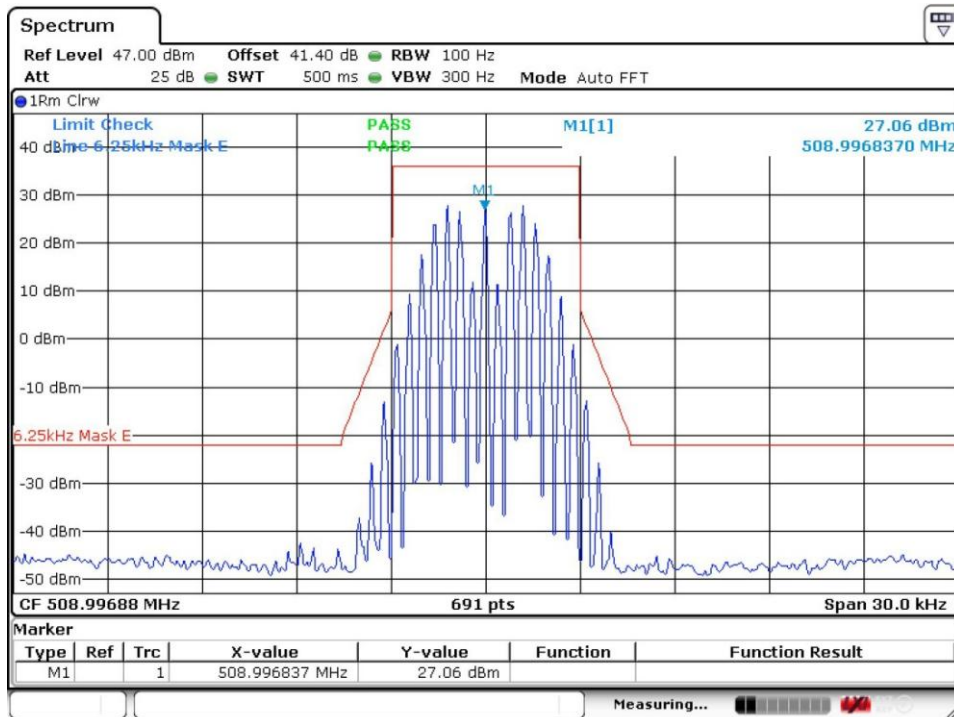
Date: 17.FEB.2024 16:47:30

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



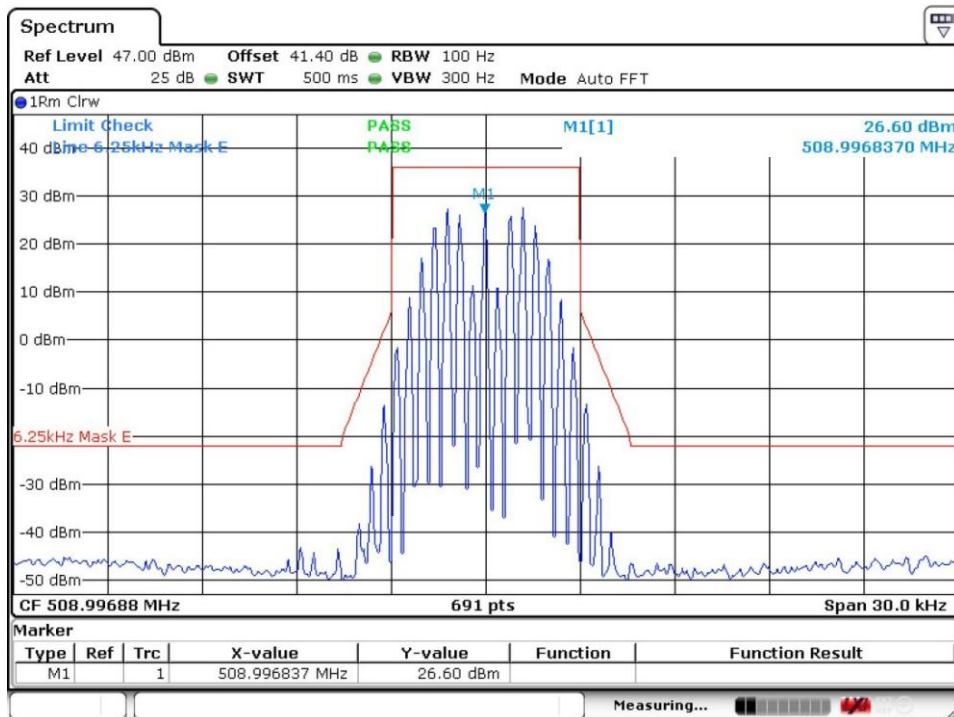
Date: 17.FEB.2024 16:47:37

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



Date: 17.FEB.2024 16:48:38

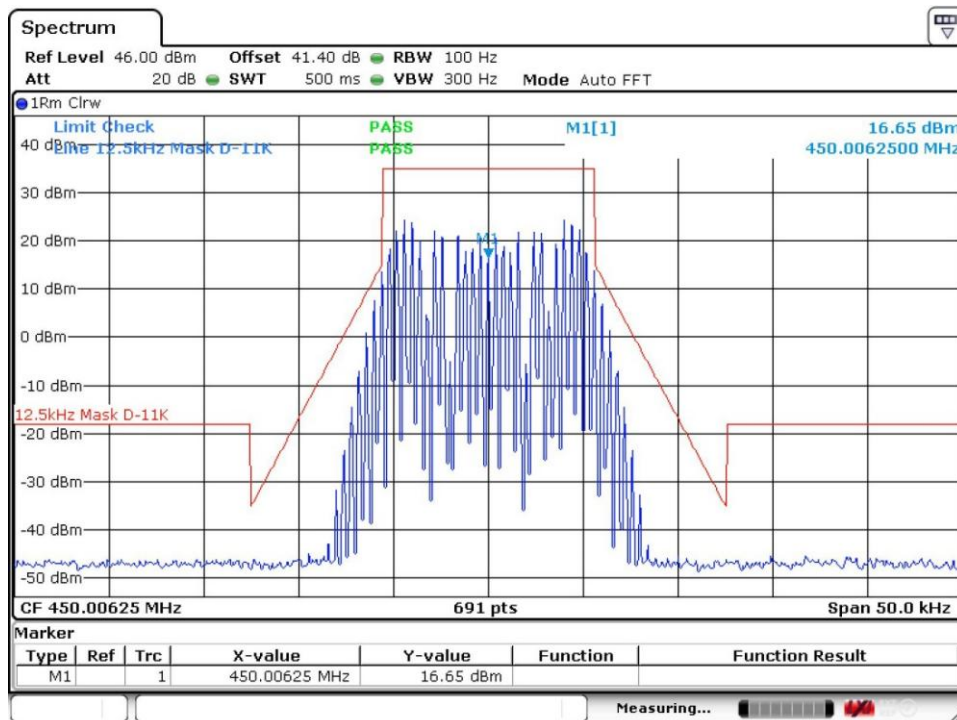
With the input signal amplitude set the AGC threshold  
 High Frequency: 508.99688MHz



Date: 17.FEB.2024 16:48:53

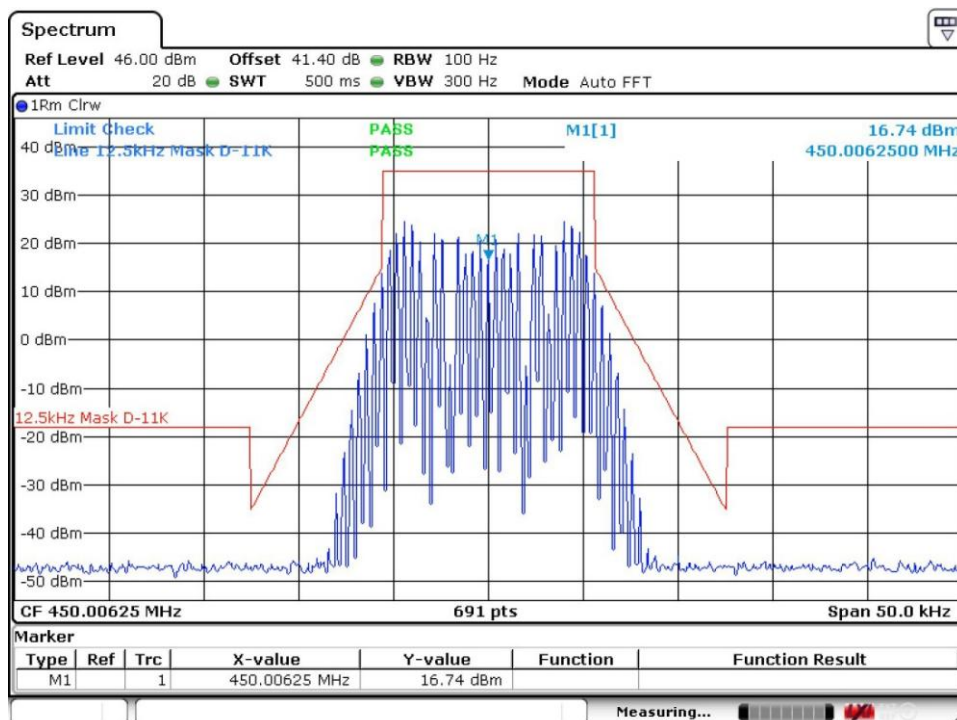
With the input signal amplitude set 3 dB above the AGC threshold  
 High Frequency: 508.99688MHz

10.5.5.1.1.4. 12.5kHz Analog FM mode



Date: 17.FEB.2024 16:55:08

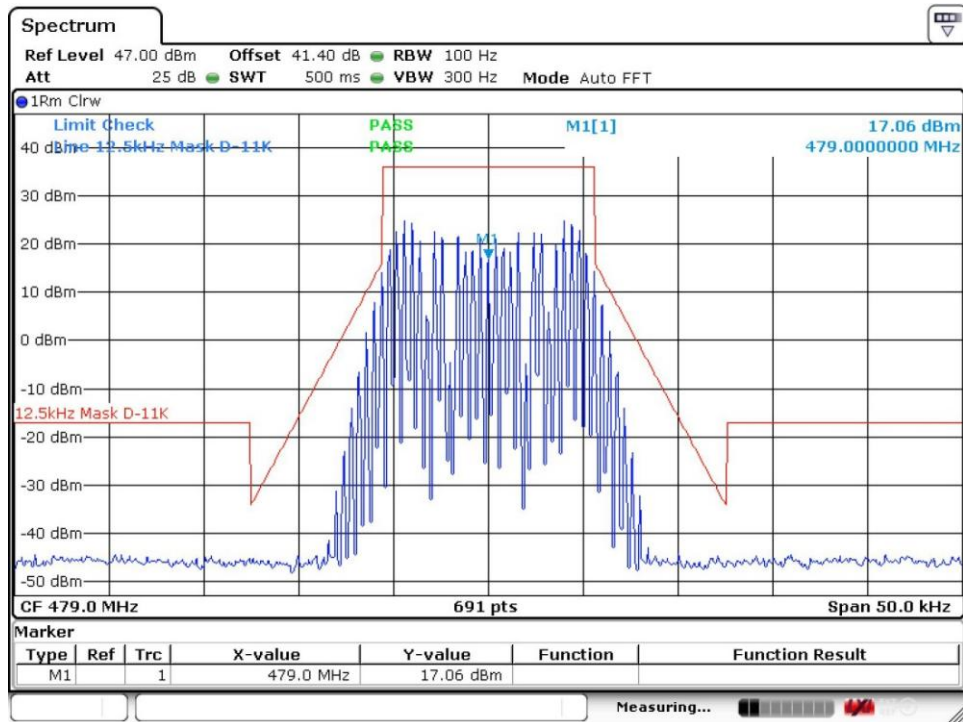
With the input signal amplitude set the AGC threshold  
 Low Frequency: 450.00625MHz



Date: 17.FEB.2024 16:55:23

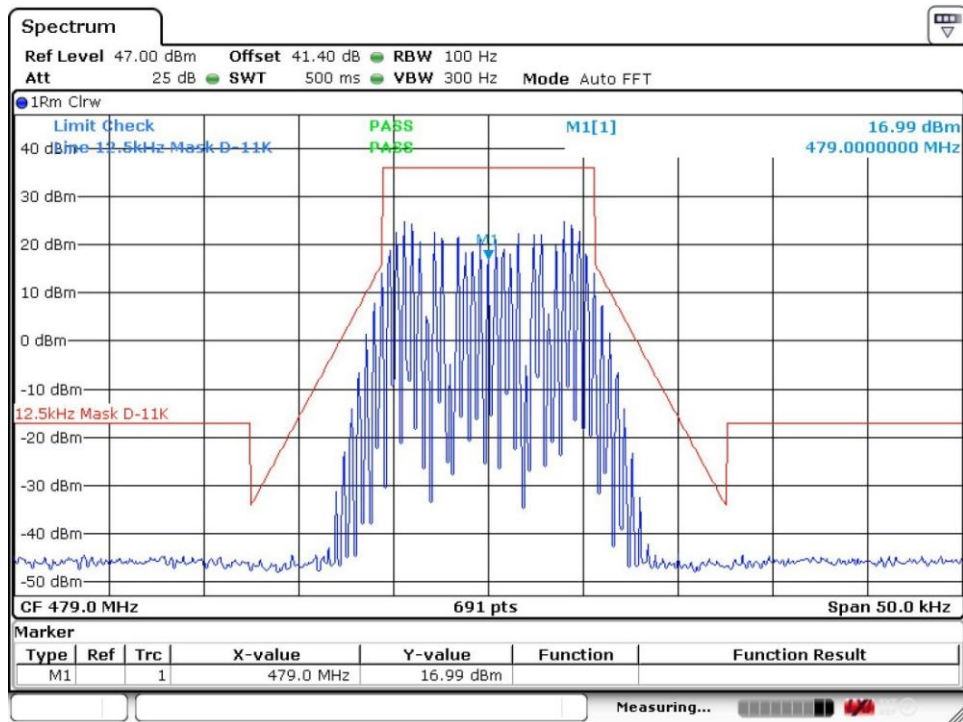
With the input signal amplitude set 3 dB above the AGC threshold  
 Low Frequency: 450.00625MHz





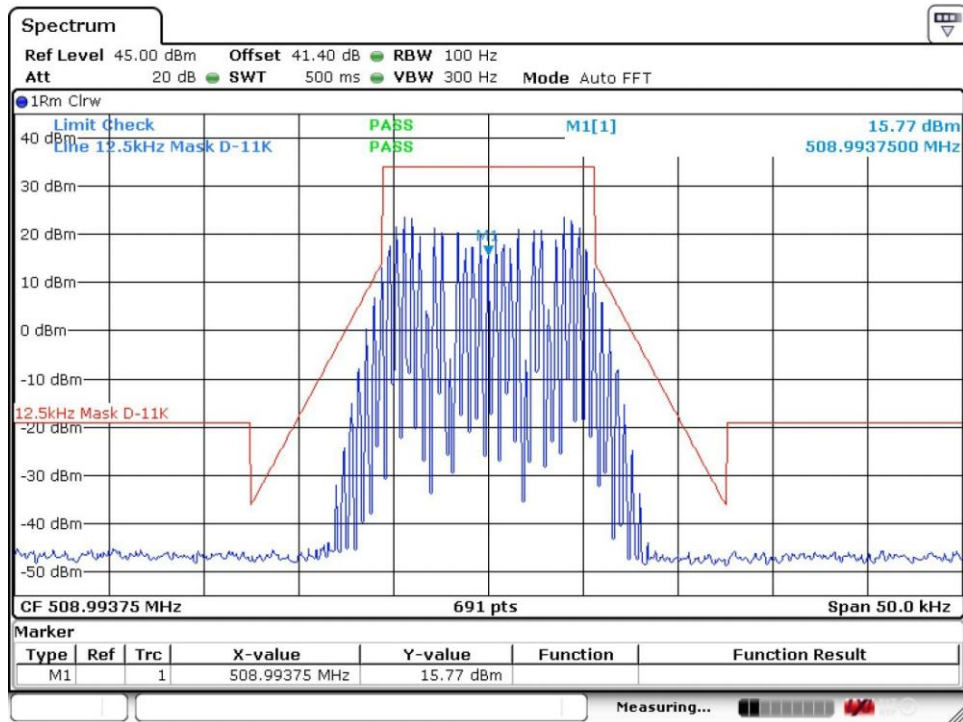
Date: 17.FEB.2024 16:53:57

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



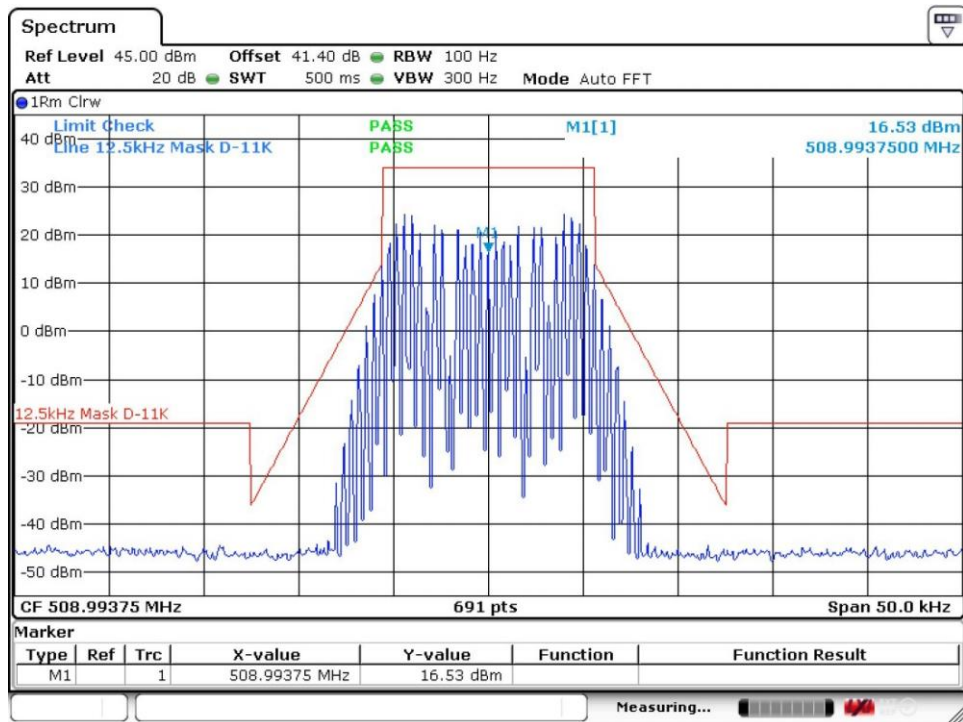
Date: 17.FEB.2024 16:54:13

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



Date: 17.FEB.2024 16:52:28

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



Date: 17.FEB.2024 16:52:57

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