

10.5.4.3.3. 6.25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
(5) Downlink transmit mode		
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
(6) Uplink transmit mode		
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
(7) Downlink transmit mode		
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
(8) Uplink transmit mode		
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
(9) Downlink transmit mode		
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
(10) Uplink transmit mode		
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

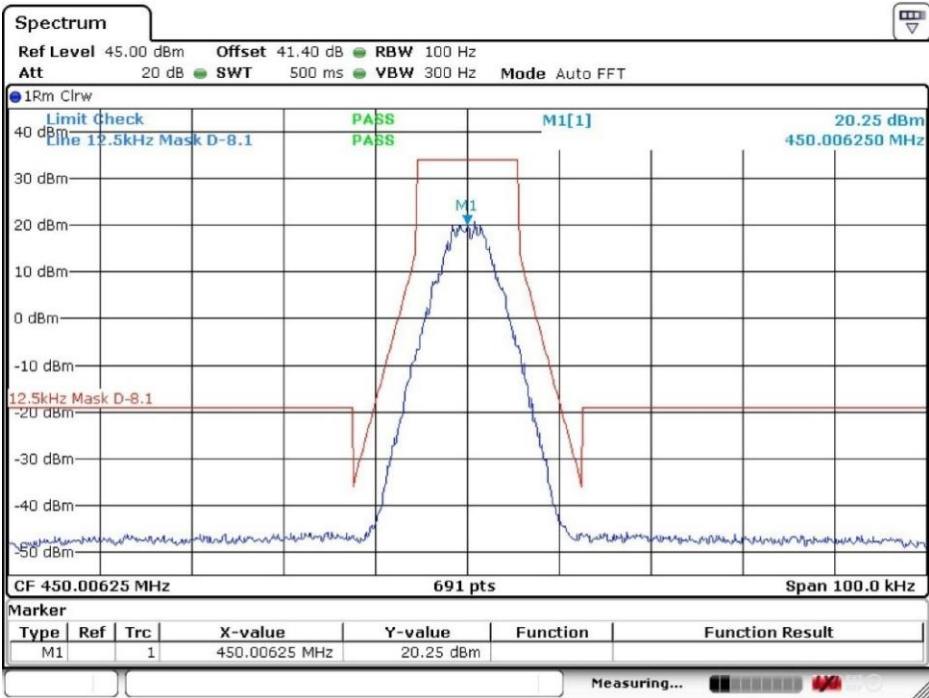
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10.5.5. Test screenshot

10.5.5.1. Emission mask

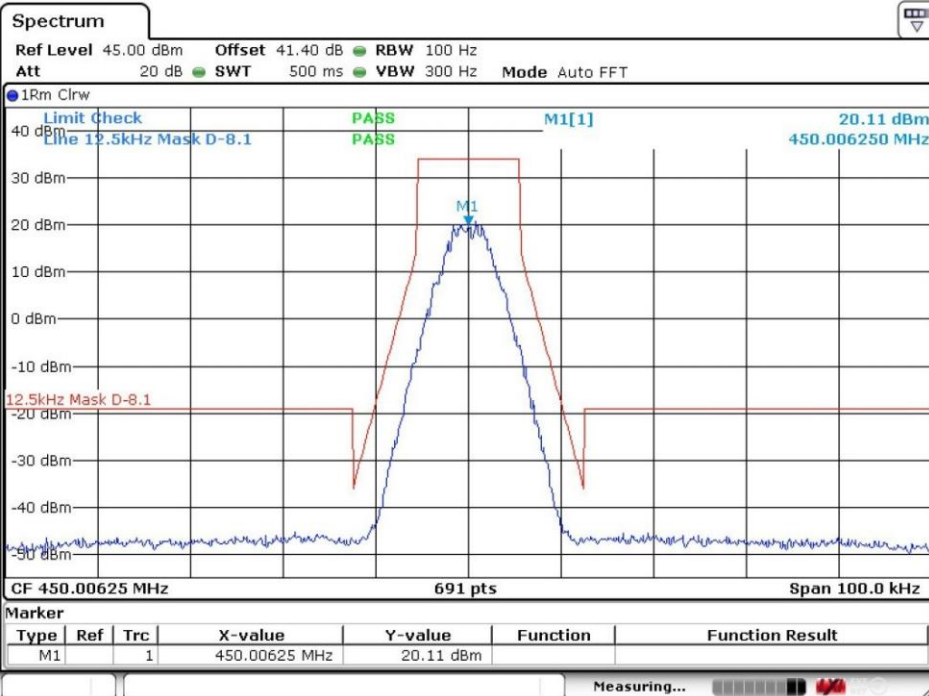
10.5.5.1.1. Downlink

10.5.5.1.1.1. P25 Phase I(C4FM) mode



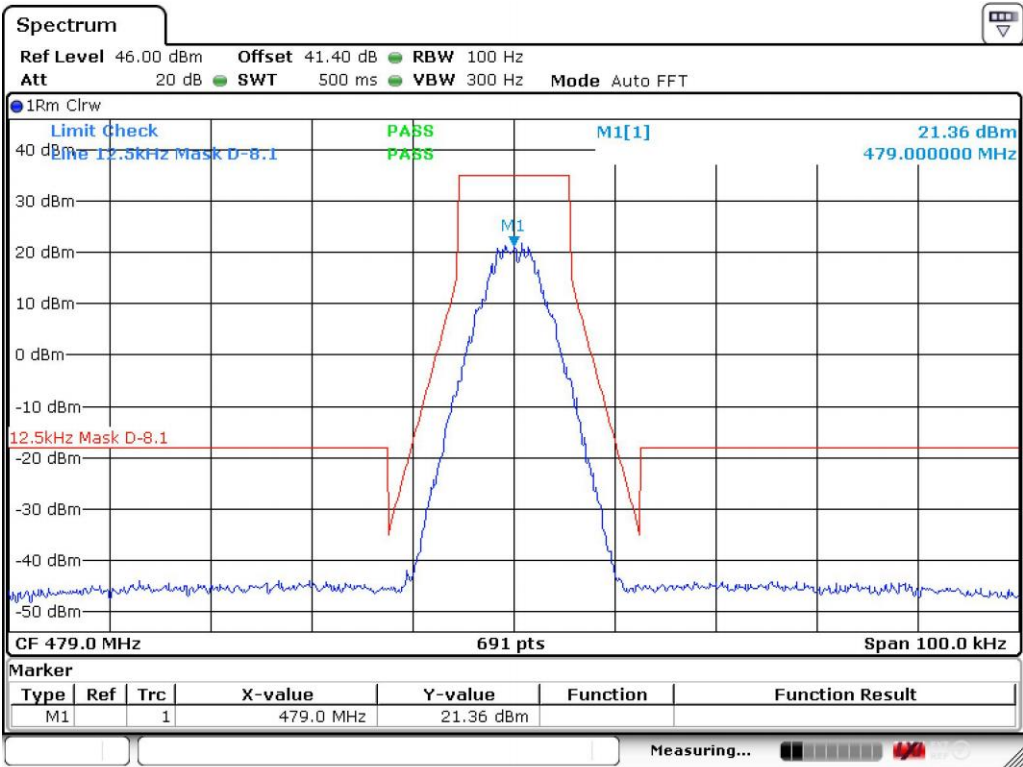
Date: 17.FEB.2024 16:33:48

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



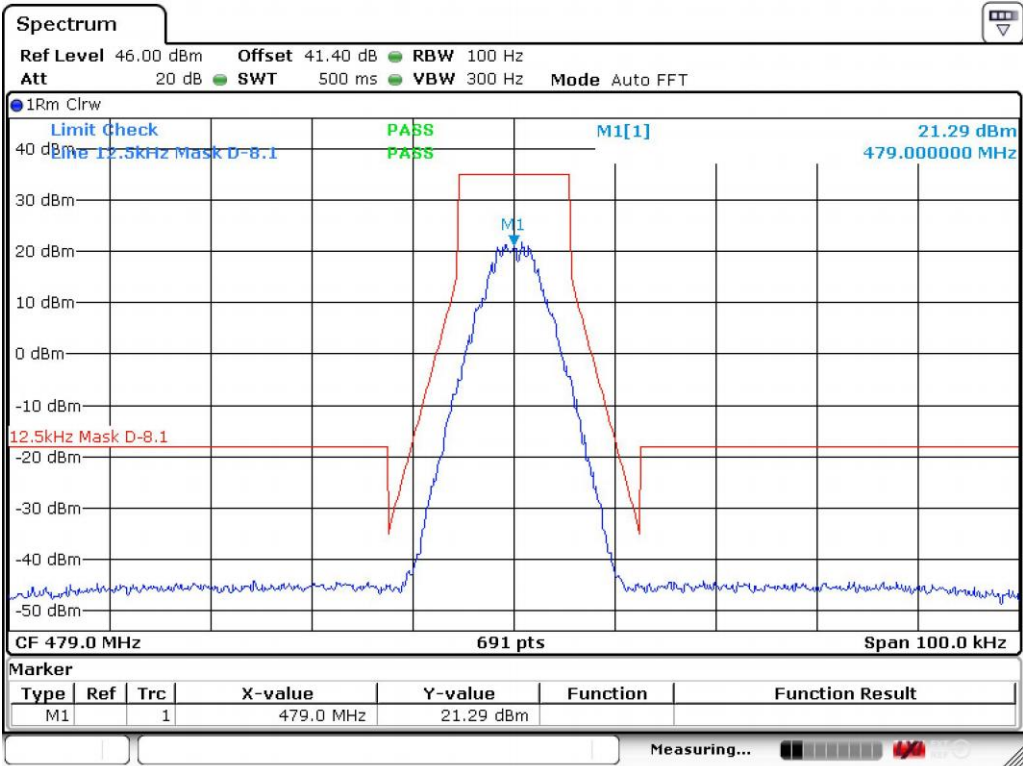
Date: 17.FEB.2024 16:33:54

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



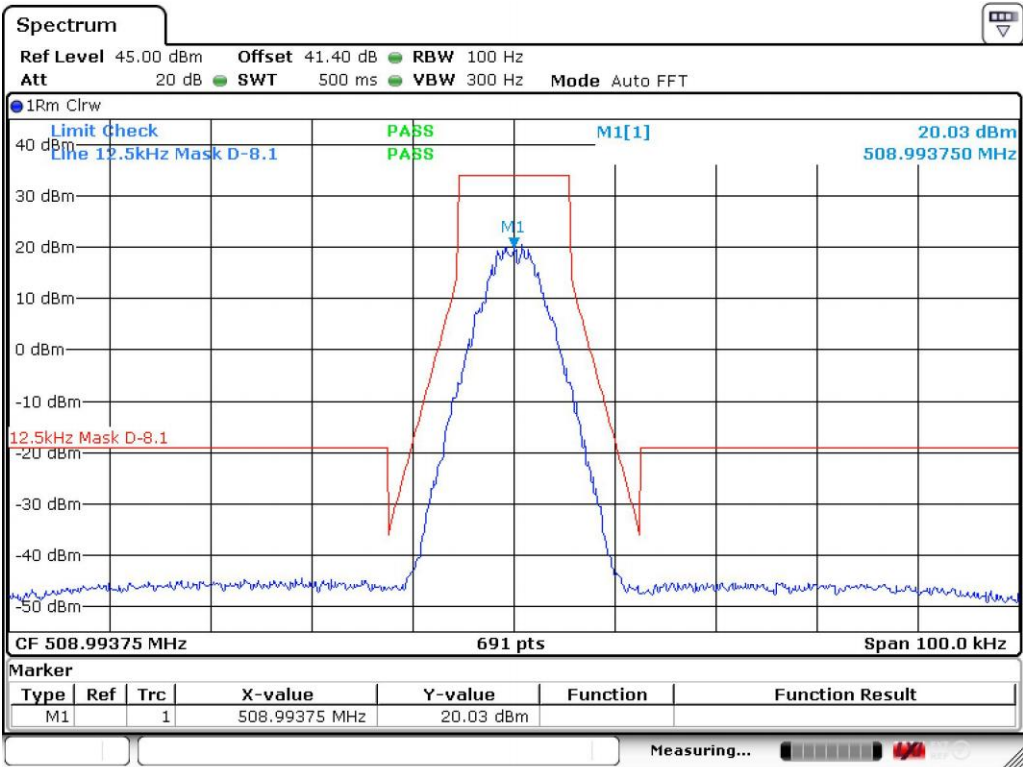
Date: 17.FEB.2024 16:32:51

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



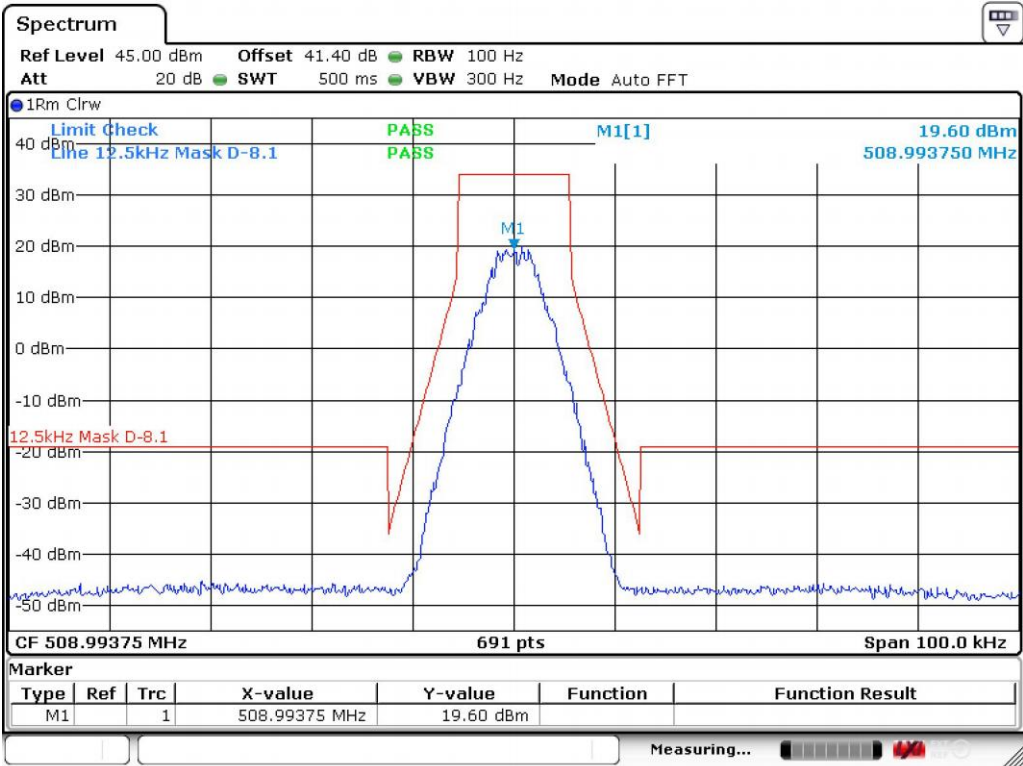
Date: 17.FEB.2024 16:32:58

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



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

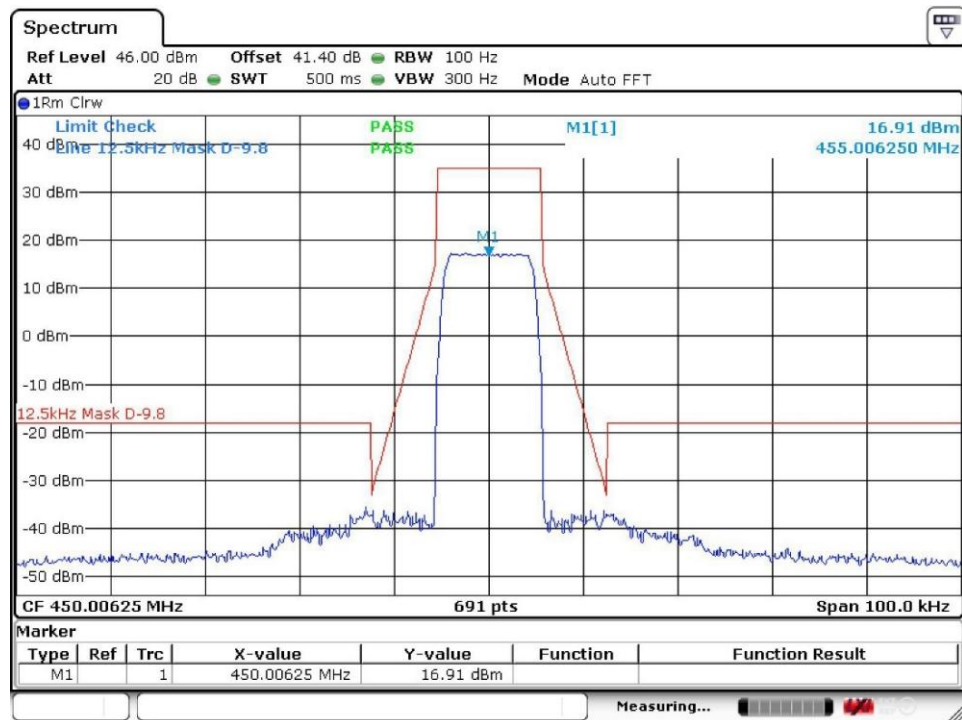
With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz



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

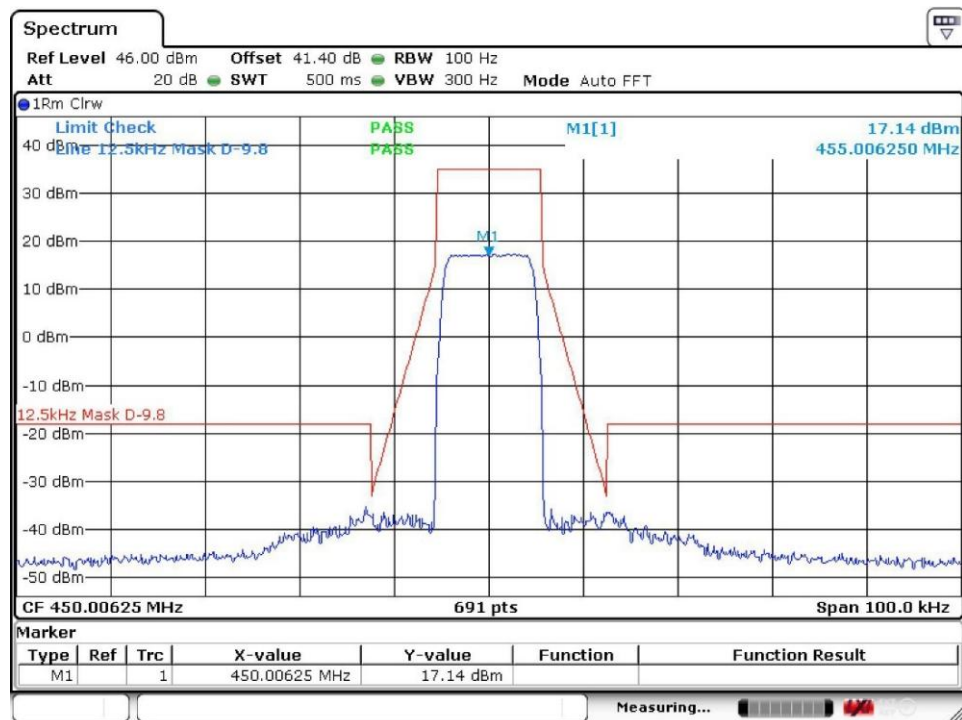
With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99375MHz

10.5.5.1.1.2. P25 Phase II(H-DQPSK) mode



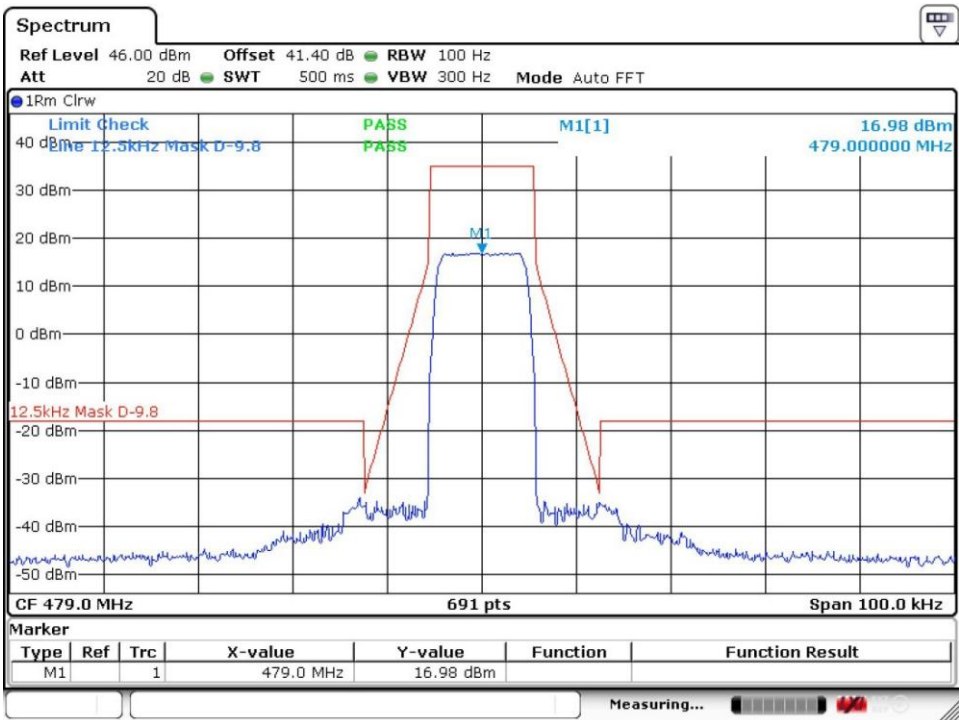
Date: 17.FEB.2024 16:41:13

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



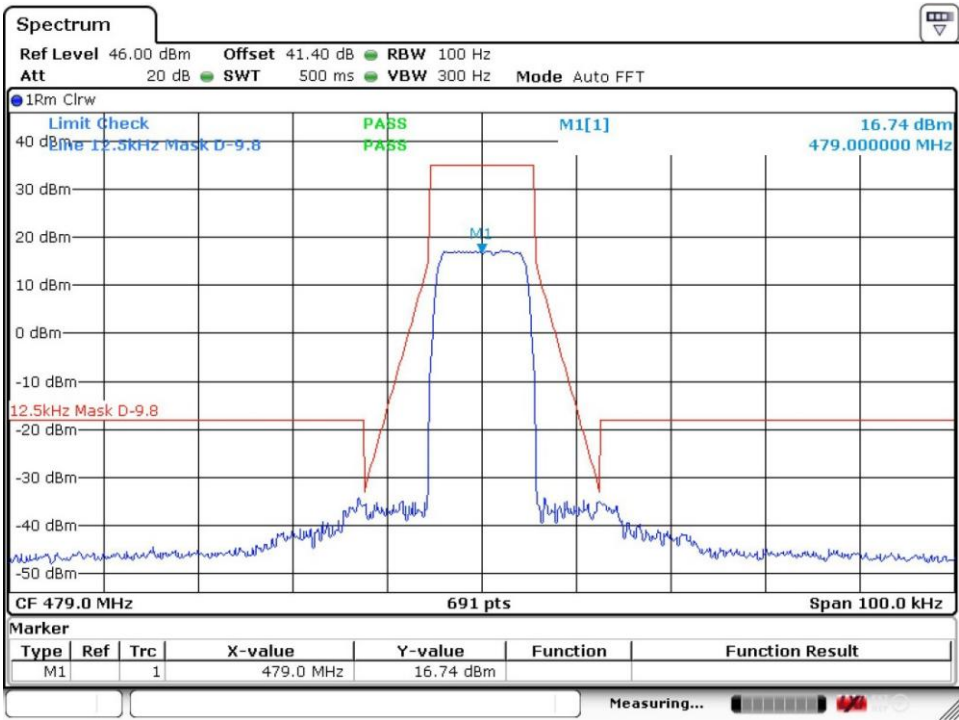
Date: 17.FEB.2024 16:41:26

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



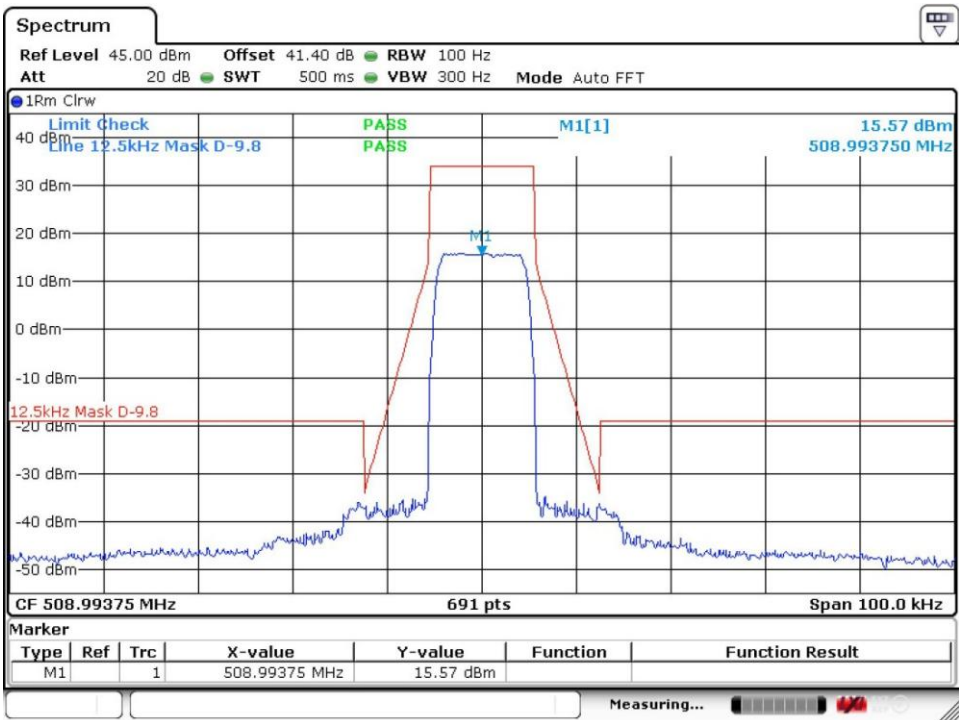
Date: 17.FEB.2024 16:40:21

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



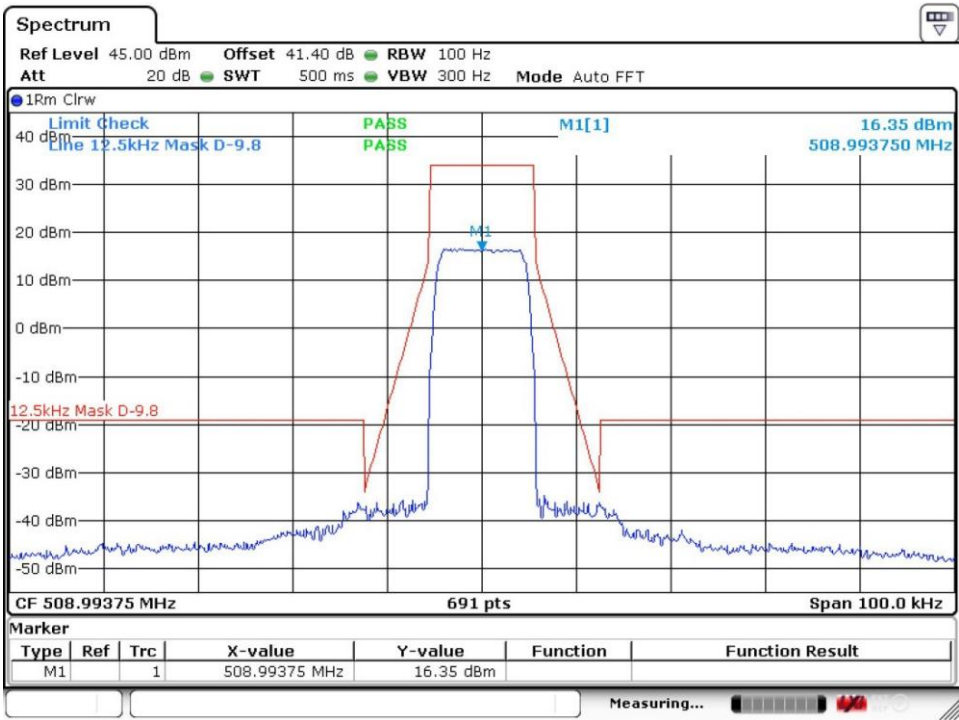
Date: 17.FEB.2024 16:40:37

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



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

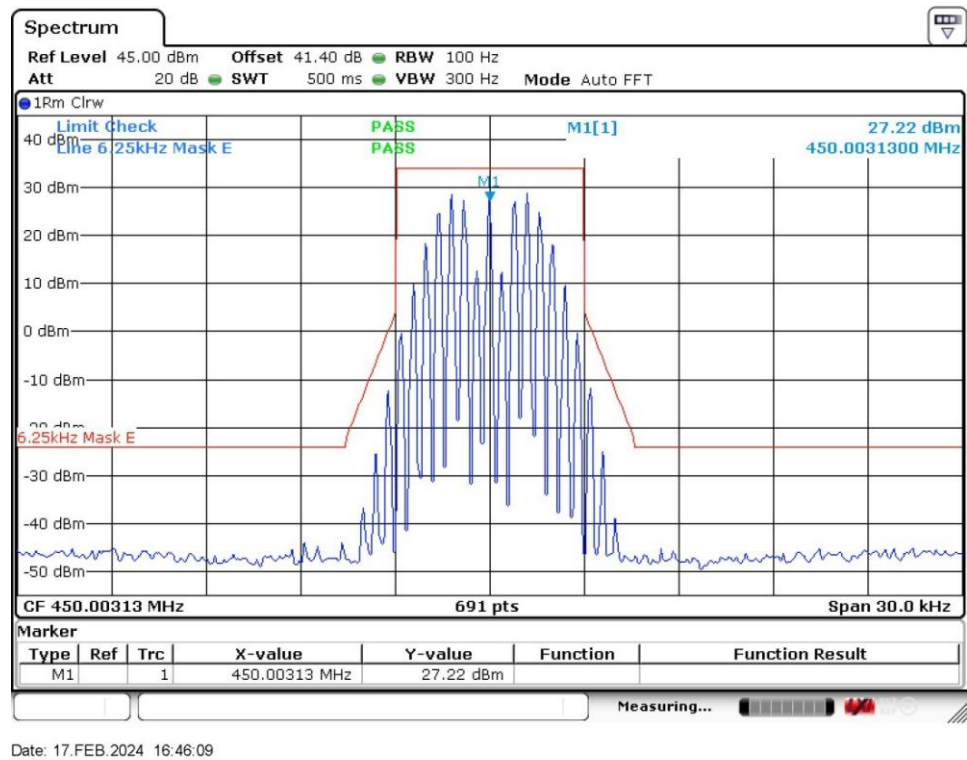
With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz



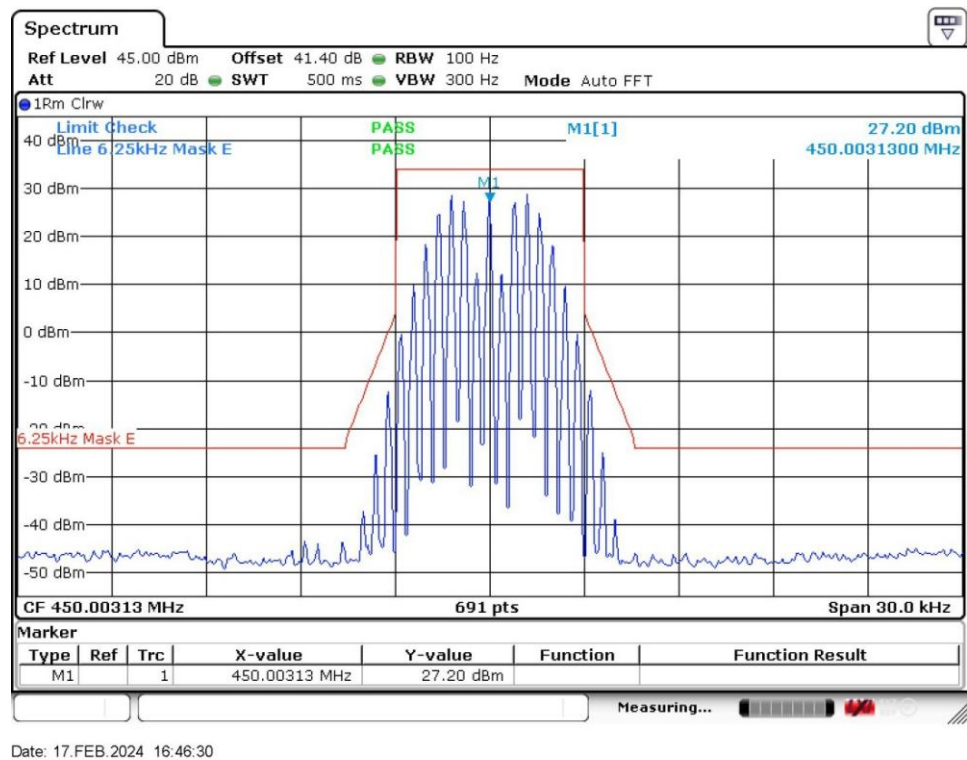
Date: 17.FEB.2024 16:42:36

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

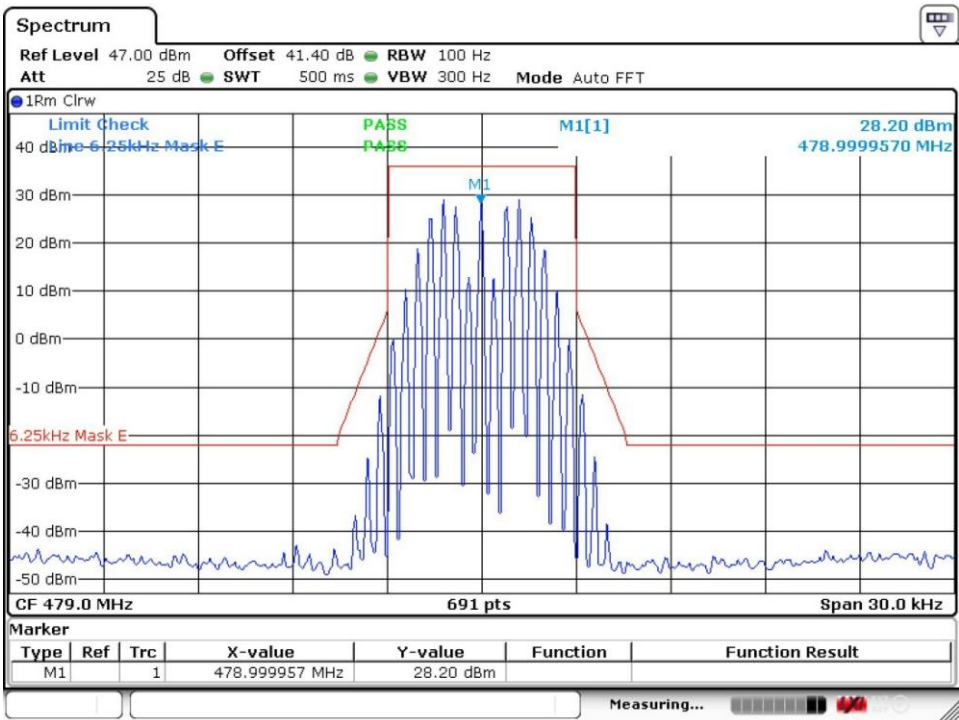
10.5.5.1.1.3. 6.25kHz Analog FM mode



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

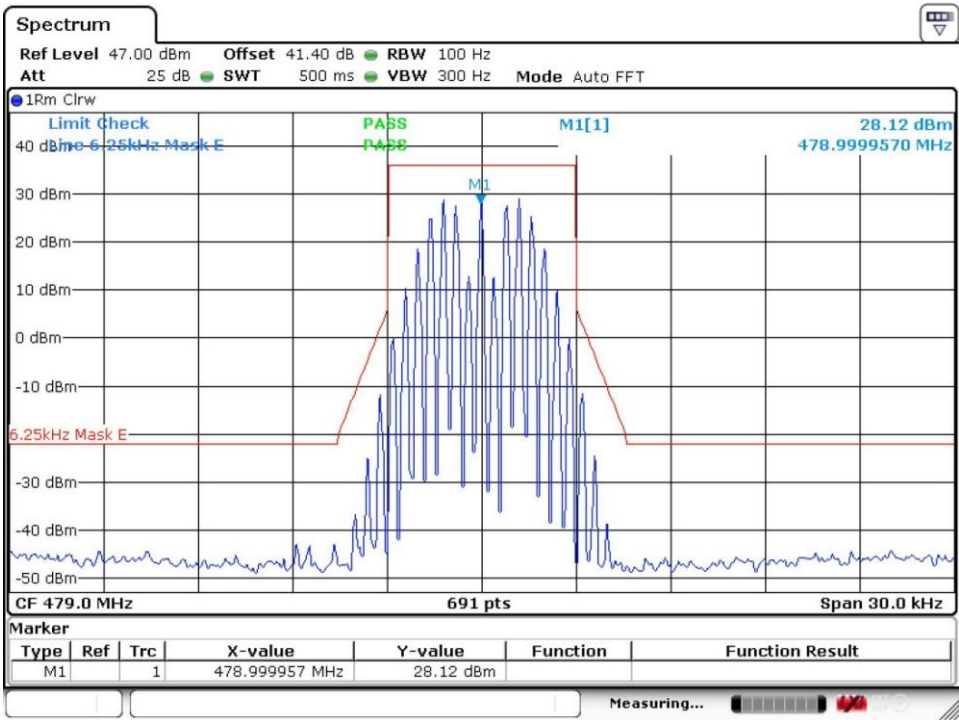


With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 450.00313MHz



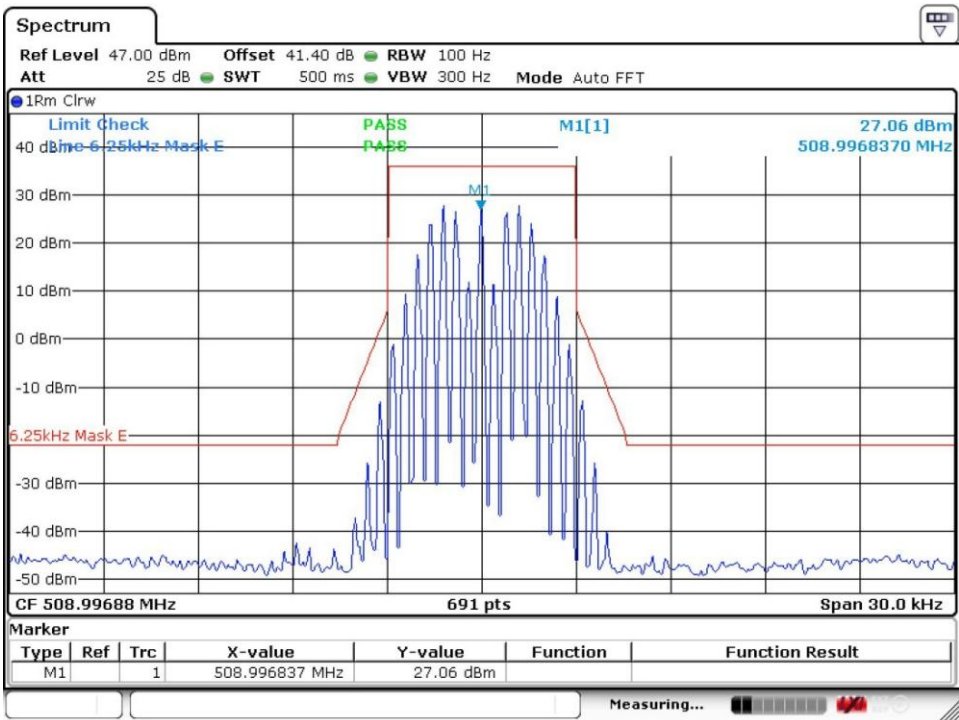
Date: 17.FEB.2024 16:47:30

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



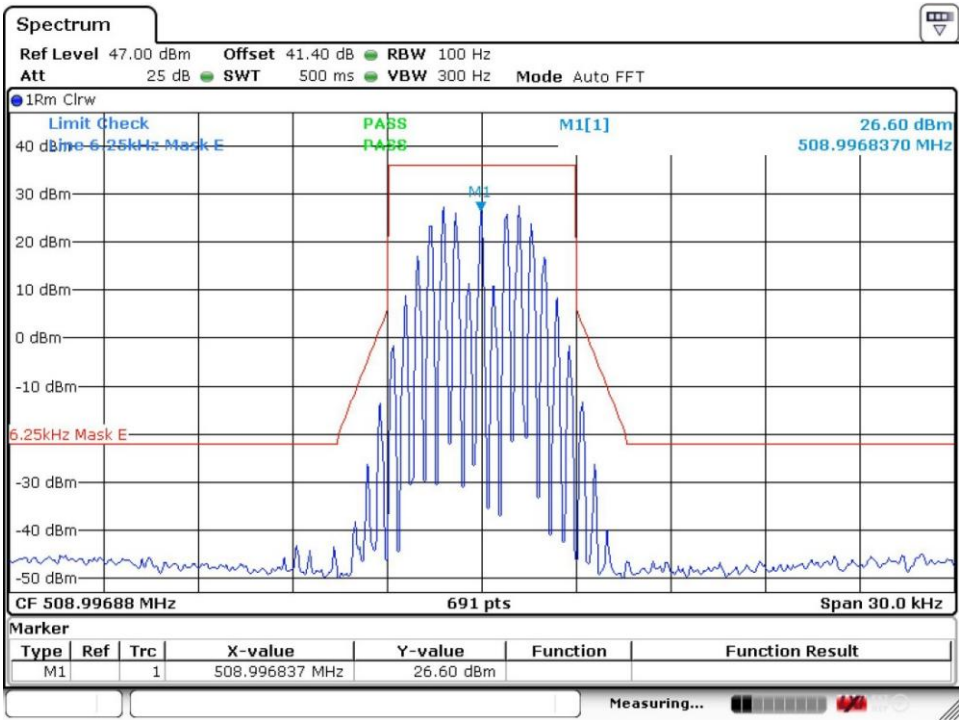
Date: 17.FEB.2024 16:47:37

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



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

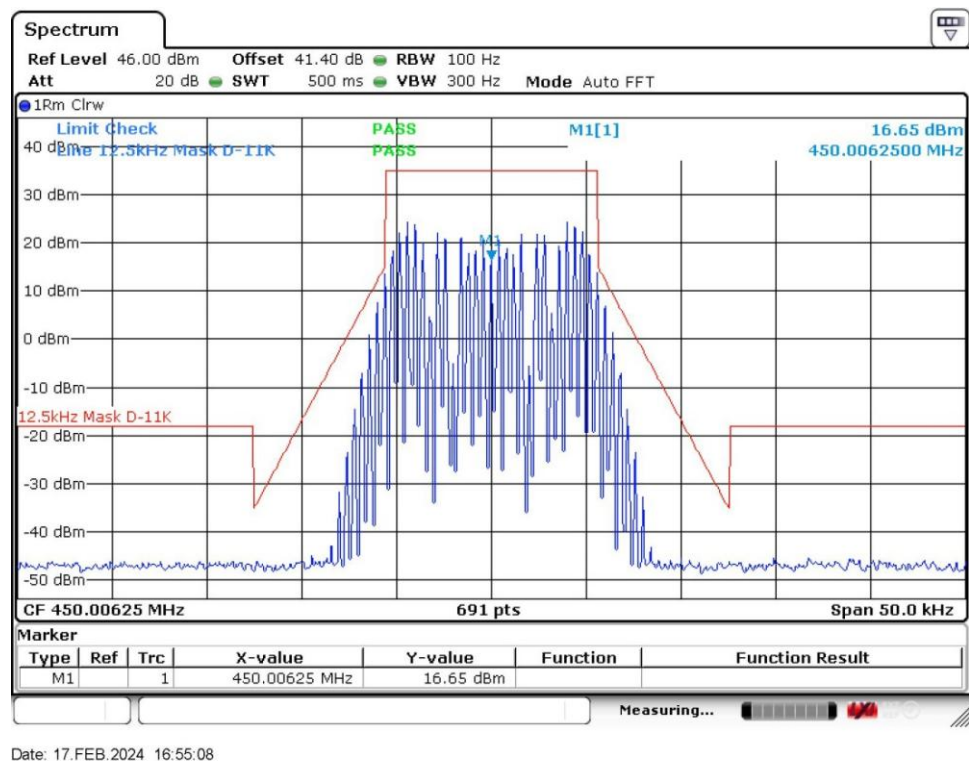
With the input signal amplitude set the AGC threshold
High Frequency: 508.99688MHz



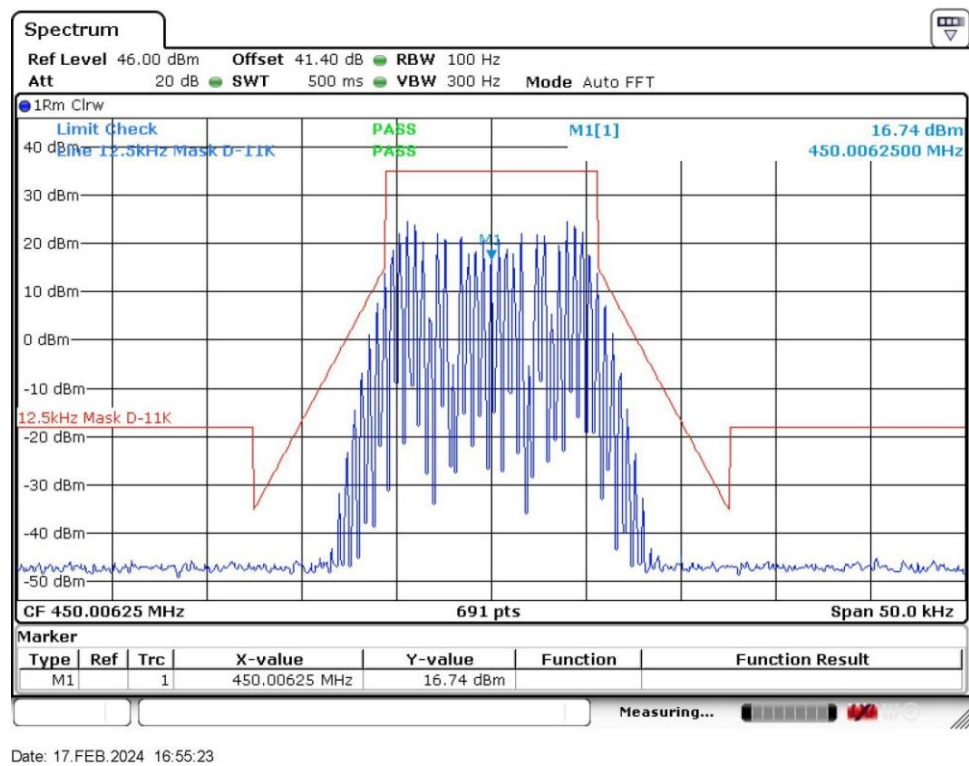
Date: 17.FEB.2024 16:48:53

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

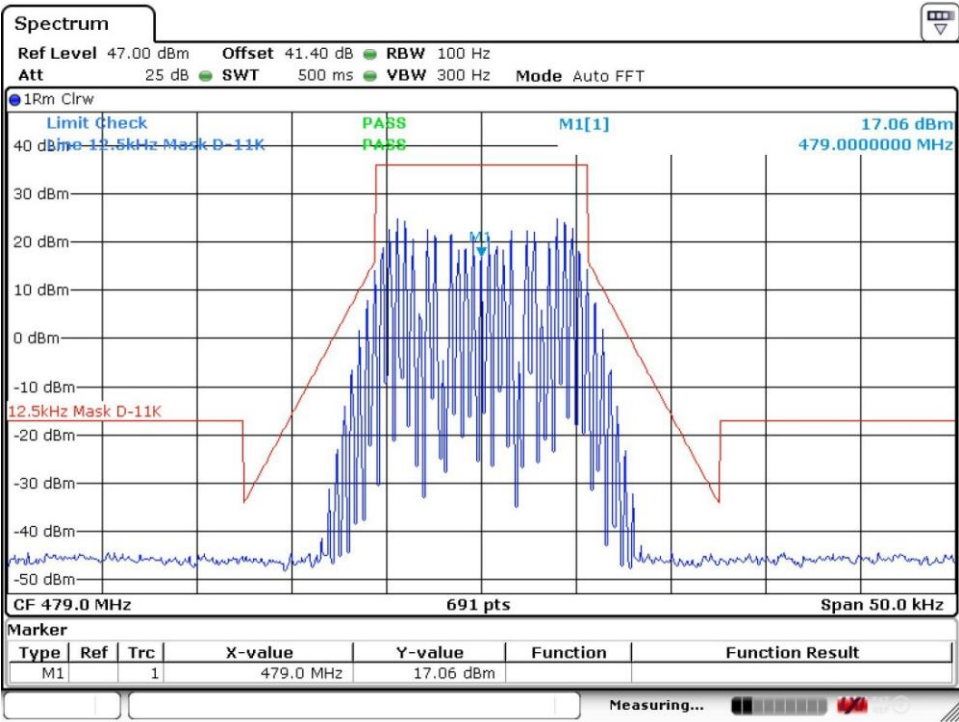
10.5.5.1.1.4. 12.5kHz Analog FM mode



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

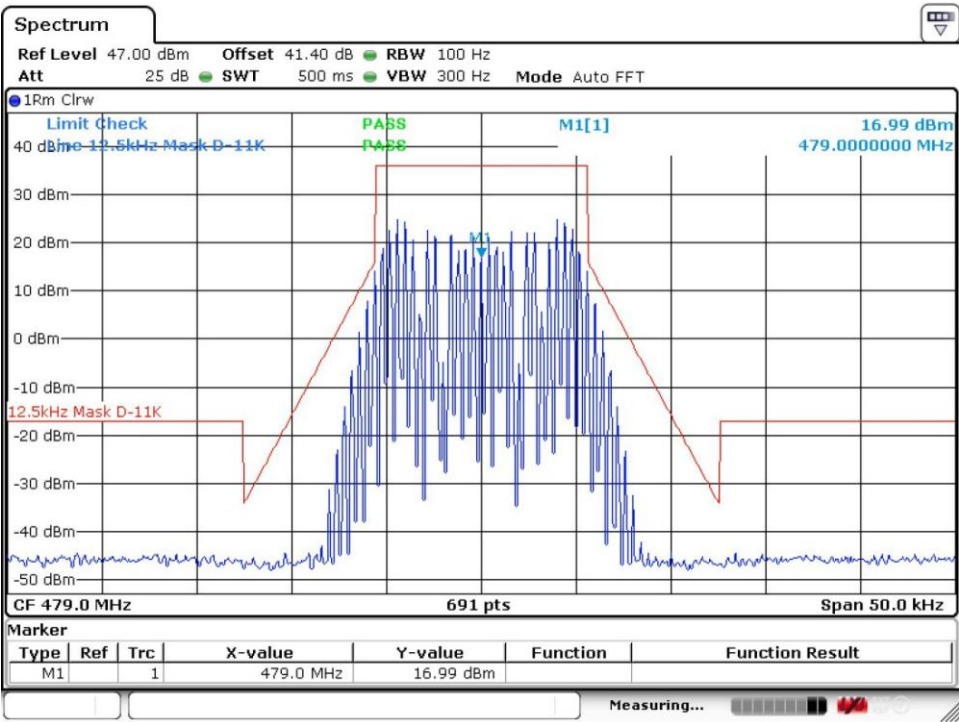


With the input signal amplitude set 3 dB above the AGC threshold
Low Frequency: 450.00625MHz



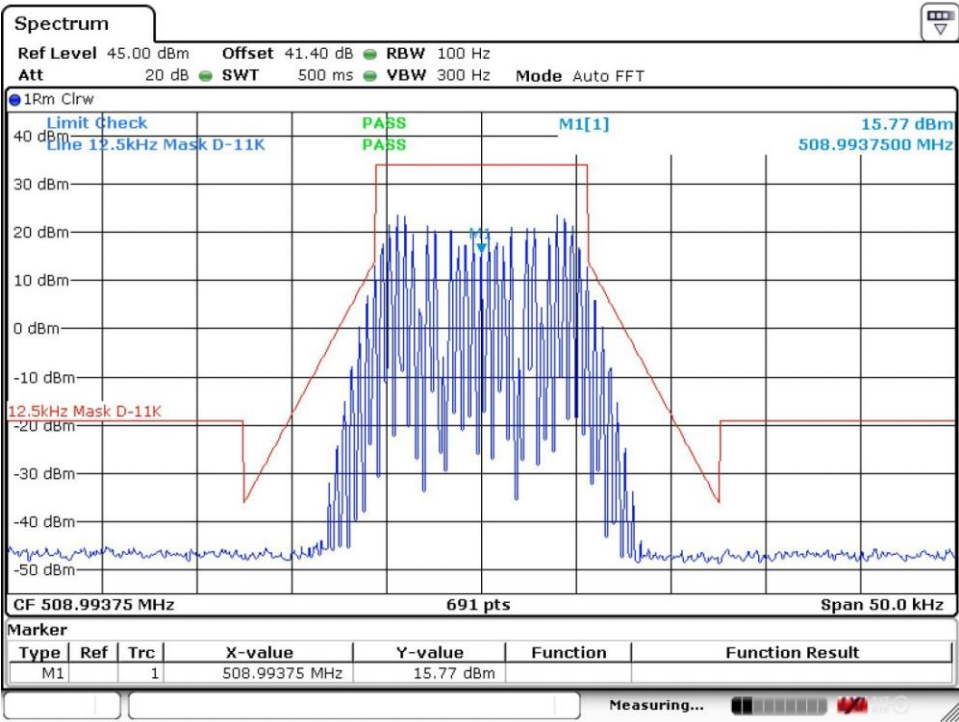
Date: 17.FEB.2024 16:53:57

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



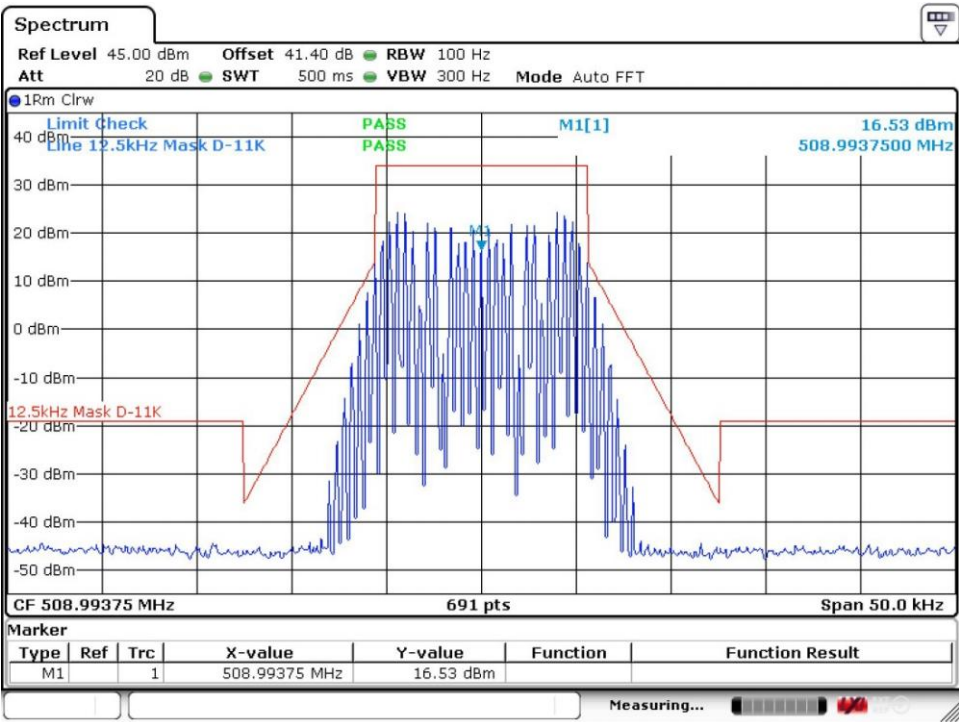
Date: 17.FEB.2024 16:54:13

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