10.5.4.1.1.5. 25kHz Analog FM mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(9) Downlink transmit mode				
Low frequency: 450.0125 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
High frequency: 508.9875MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.1.5	PASS
(10) Uplink transmit mode				
Low frequency: 455.0125 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS
High frequency: 511.9875MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.1.2.5	PASS

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10.5.4.1.2. System test

10.5.4.1.2.1. P25 Phase I(C4FM) mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(11) Uplink transmit mode				
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.1	PASS

10.5.4.1.2.2. P25 Phase II(H-DQPSK) mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(12) Uplink transmit mode				
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.2	PASS

10.5.4.1.2.3. 6.25kHz Analog FM mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(13) Uplink transmit mode				
Low frequency: 455.00313 MHz	with the input signal amplitude set the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS
High frequency: 511.99688MHz	with the input signal amplitude set the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask E	See clause 10.5.5.1.2.1.3	PASS

10.5.4.1.2.4. 12.5kHz Analog FM mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(14) Uplink transmit mode				
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask D	See clause 10.5.5.1.2.1.4	PASS

10.5.4.1.2.5. 25kHz Analog FM mode

Carrier frequency	Input signal status	Limit	Test Data	Result
(15) Uplink transmit mode				
Low frequency: 455.0125 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS
High frequency: 511.9875MHz	with the input signal amplitude set the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS
	with the input signal amplitude set 3 dB above the AGC threshold	Mask B+ Mask C	See clause 10.5.5.1.2.1.5	PASS

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10.5.4.2. Occupied bandwidth

10.5.4.2.1. MU single device test

10.5.4.2.1.1. P25 Phase I(C4FM) mode

Carrier frequency	Input signal status	Test Data
(16) Downlink transmit mode		
Low frequency: 450.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.1
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.1
High frequency: 508.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.1
(17) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.1
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.1
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.1

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10.5.4.2.1.2. P25 Phase II(H-DQPSK) mode

Carrier frequency	Input signal status	Test Data
(18) Downlink transmit mode		
Low frequency: 450.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.2
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.2
High frequency: 508.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.2
(19) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.2
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.2
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.2

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10.5.4.2.1.3. 6.25kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(20) Downlink transmit mode		
Low frequency: 450.00313 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.3
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.3
High frequency: 508.99688MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.3
(21) Uplink transmit mode		
Low frequency: 455.00313 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.3
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.3
High frequency: 511.99688MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.3

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10.5.4.2.1.4. 12.5kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(22) Downlink transmit mode		
Low frequency: 450.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.4
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.4
High frequency: 508.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.4
(23) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.4
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.4
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.4

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10.5.4.2.1.5. 25kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(24) Downlink transmit mode		
Low frequency: 450.0125 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.5
Mid frequency: 479.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.5
High frequency: 508.9875MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.1.5
(25) Uplink transmit mode		
Low frequency: 455.0125 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.5
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.5
High frequency: 511.9875MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.1.2.5

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10.5.4.2.2. System test

10.5.4.2.2.1. P25 Phase I(C4FM) mode

Carrier frequency	Input signal status	Test Data
(26) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.1
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.1
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.1

10.5.4.2.2.2. P25 Phase II(H-DQPSK) mode

Carrier frequency	Input signal status	Test Data
(27) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.2
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.2
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.2

10.5.4.2.2.3. 6.25kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(28) Uplink transmit mode		
Low frequency: 455.00313 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.3
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.3
High frequency: 511.99688MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.3

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10.5.4.2.2.4. 12.5kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(29) Uplink transmit mode		
Low frequency: 455.00625 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.4
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.4
High frequency: 511.99375MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.4

10.5.4.2.2.5. 25kHz Analog FM mode

Carrier frequency	Input signal status	Test Data
(30) Uplink transmit mode		
Low frequency: 455.0125 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.5
Mid frequency: 484.0 MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.5
High frequency: 511.9875MHz	with the input signal amplitude set the AGC threshold	See clause 10.5.5.2.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.2.2.1.5

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10.5.4.3. Input VS output Comparison

10.5.4.3.1. MU single device test

10.5.4.3.1.1. P25 Phase I(C4FM) mode

Carrier frequency	Input VS output Comparison status	Test data
(1) Downlink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.1
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.1
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.1
(2) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.1
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.1
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.1

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10.5.4.3.1.2. P25 Phase II(H-DQPSK) mode

Carrier frequency	Input VS output Comparison status	Test data
(3) Downlink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.2
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.2
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.2
(4) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.2
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.2
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.2

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10.5.4.3.1.3. 6.25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
(5) Downlink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.3
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.3
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.3
(6) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.3
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.3
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.3

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10.5.4.3.1.4. 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 10.5.5.3.1.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.4
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.4
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.4
(8) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.4
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.4
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.4

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10.5.4.3.1.5. 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 10.5.5.3.1.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.5
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.5
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.1.5
(10) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.5
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.5
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.1.2.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.1.2.5

---------- The following blanks ----------

10.5.4.3.2. System test

10.5.4.3.2.1. P25 Phase I(C4FM) mode

Carrier frequency	Input VS output Comparison status	Test data
(11) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.1
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.1
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.1
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.1

10.5.4.3.2.2. P25 Phase II(H-DQPSK) mode

Carrier frequency	Input VS output Comparison status	Test data
(12) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.2
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.2
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.2
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.2

10.5.4.3.2.3. 6.25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
(13) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.3
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.3
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.3
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.3

10.5.4.3.2.4. 12.5kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
(14) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.4
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.4
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.4
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.4

10.5.4.3.2.5. 25kHz Analog FM mode

Carrier frequency	Input VS output Comparison status	Test data
(15) Uplink transmit mode		
Low frequency: 450.00625 MHz	Input signal	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.5
Mid frequency: 479.0 MHz	Input signal	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.5
High frequency: 508.99375MHz	Input signal	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set the AGC threshold	See clause 10.5.5.3.2.1.5
	with the input signal amplitude set 3 dB above the AGC threshold	See clause 10.5.5.3.2.1.5

---------- The following blanks ----------

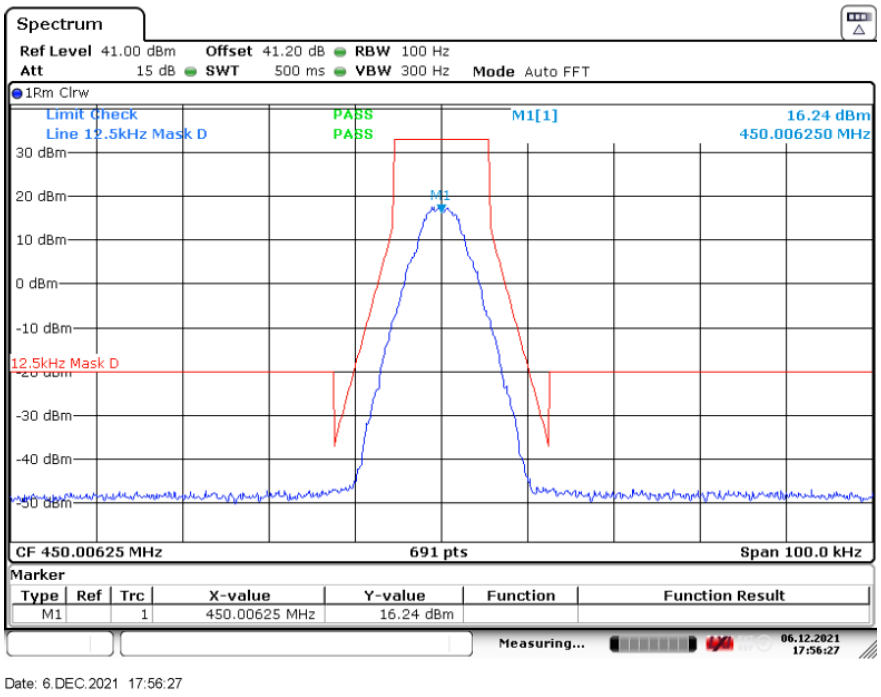
10.5.5. Test screenshot

10.5.5.1.Emission mask

10.5.5.1.1. MU single device test

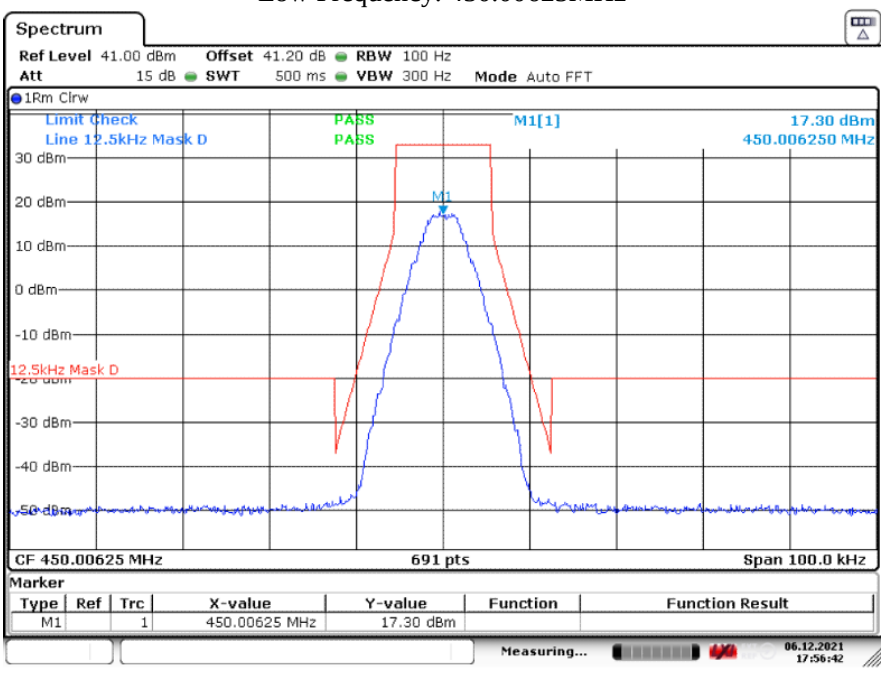
10.5.5.1.1.1. Downlink

10.5.5.1.1.1.1. P25 Phase I(C4FM) mode



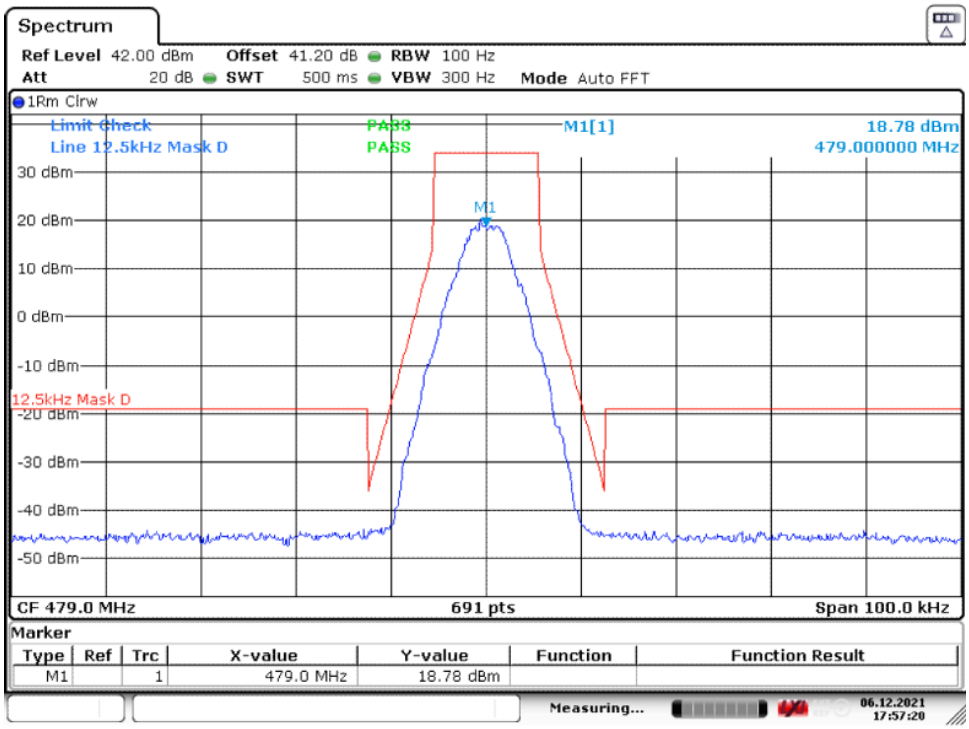
Date: 6.DEC.2021 17:56:27

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



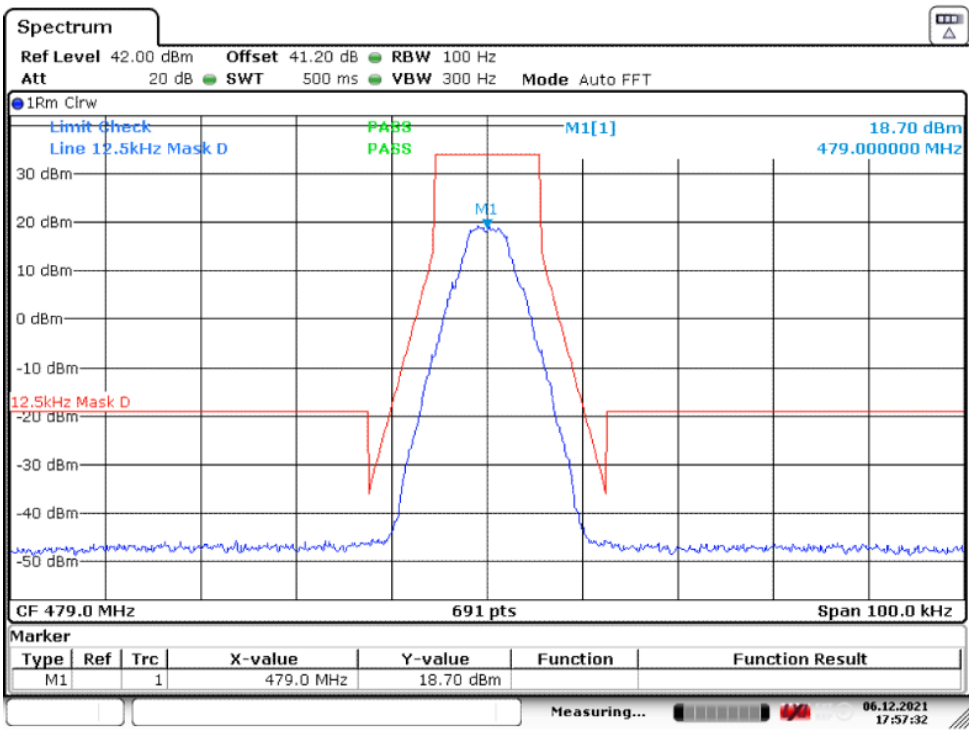
Date: 6.DEC.2021 17:56:43

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



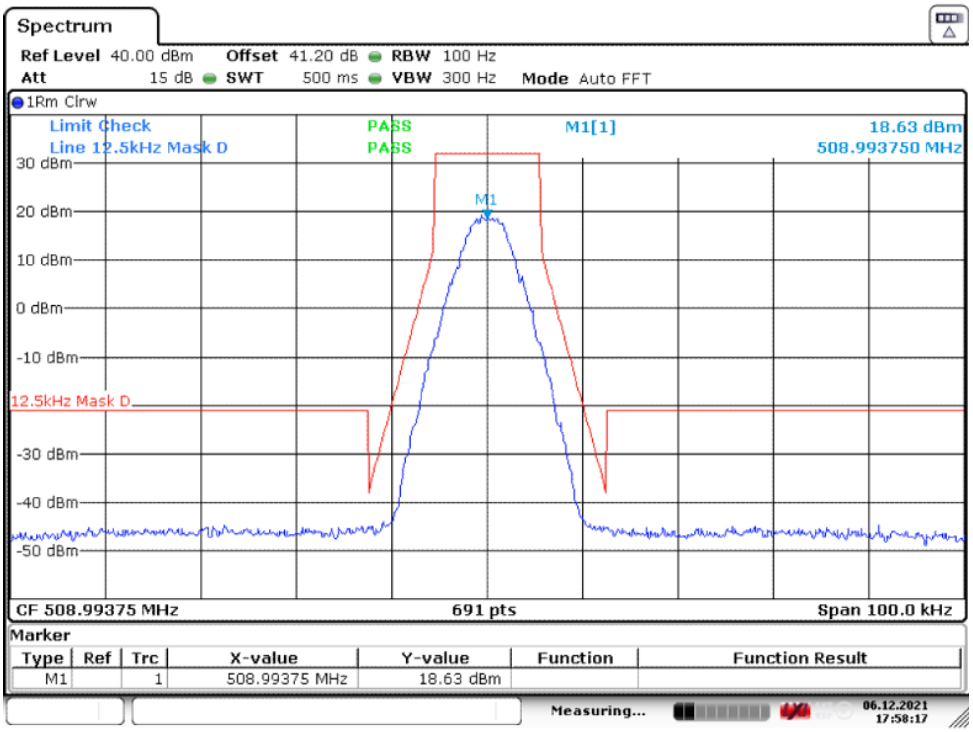
Date: 6.DEC.2021 17:57:20

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



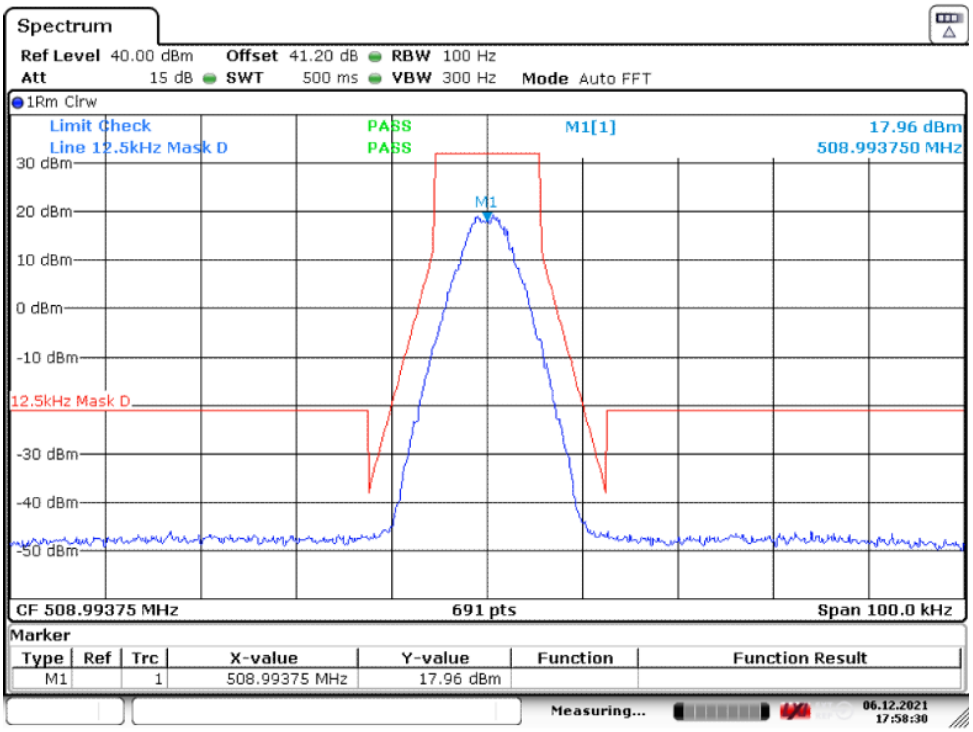
Date: 6.DEC.2021 17:57:32

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



Date: 6.DEC.2021 17:58:17

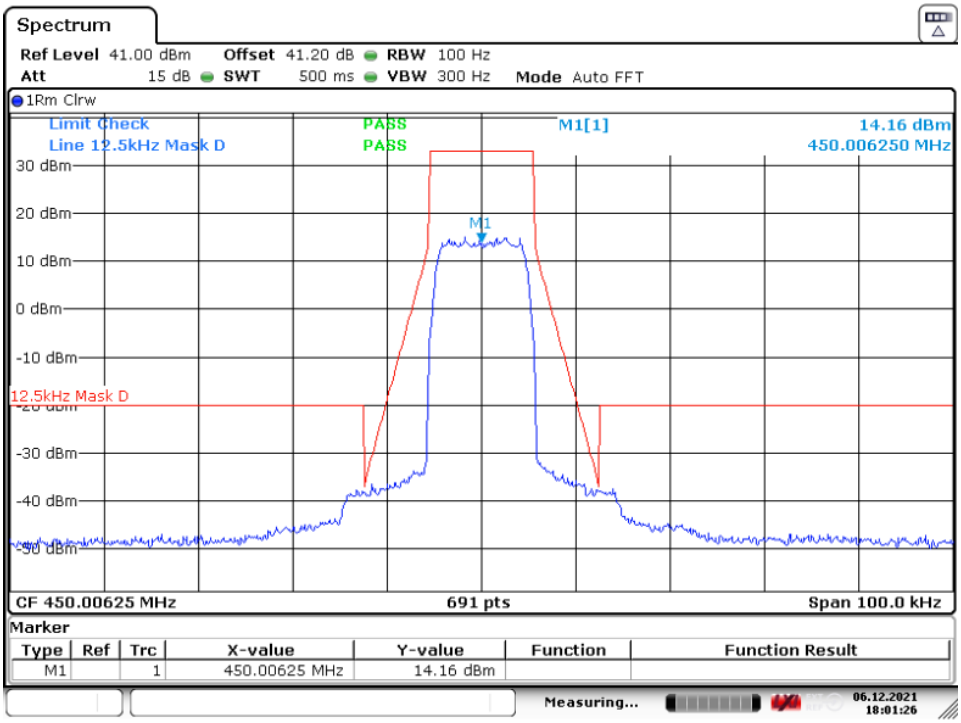
With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz



Date: 6.DEC.2021 17:58:30

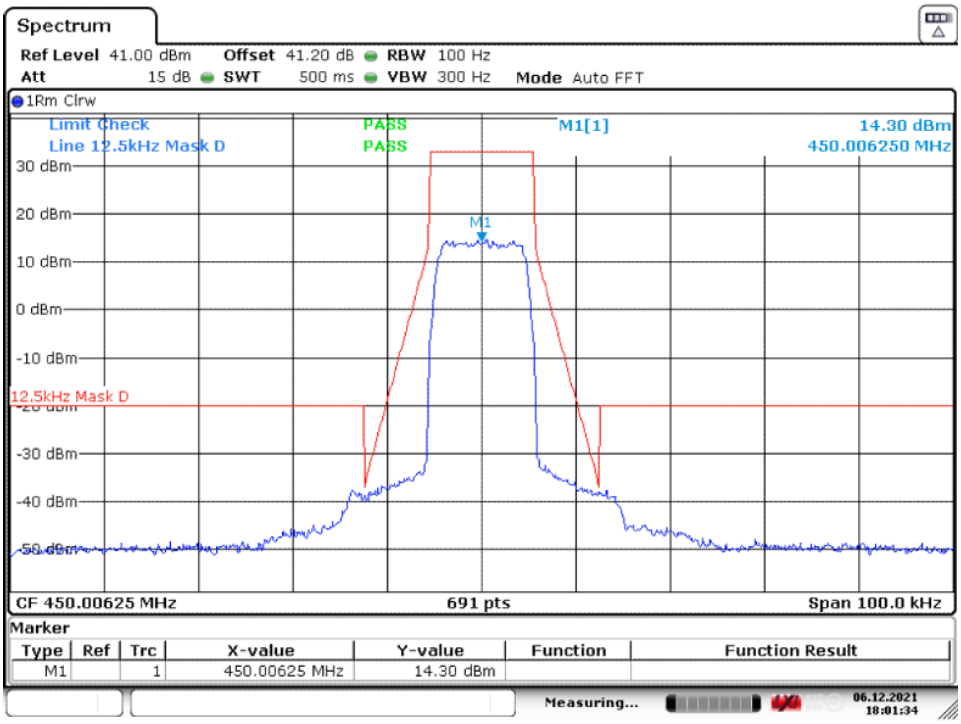
With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99375MHz

10.5.5.1.1.1.2. P25 Phase II(H-DQPSK) mode



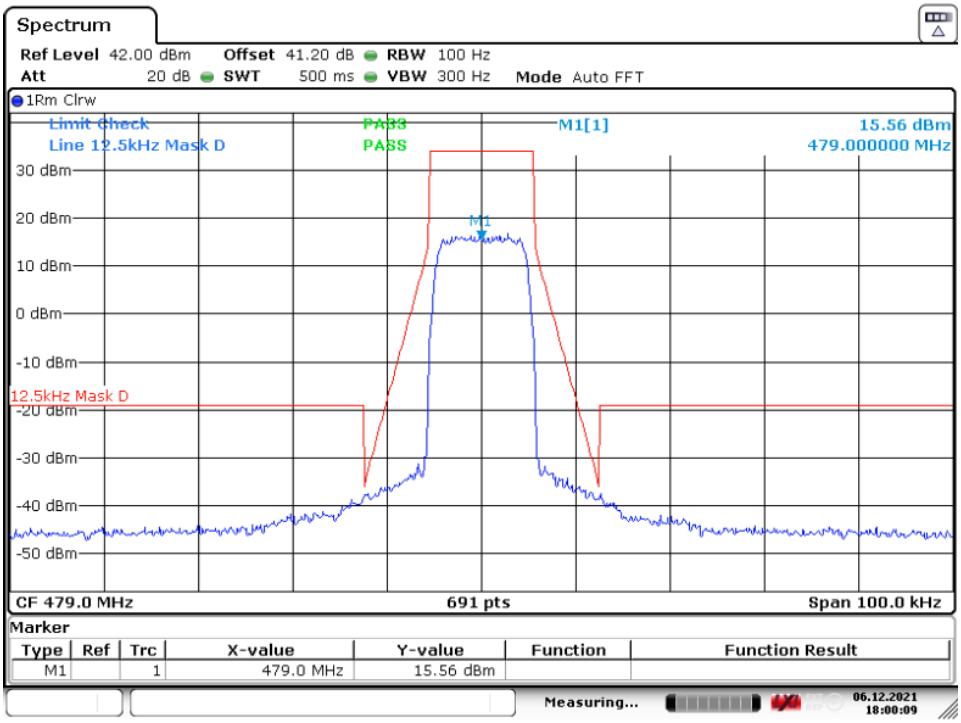
Date: 6.DEC.2021 18:01:27

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



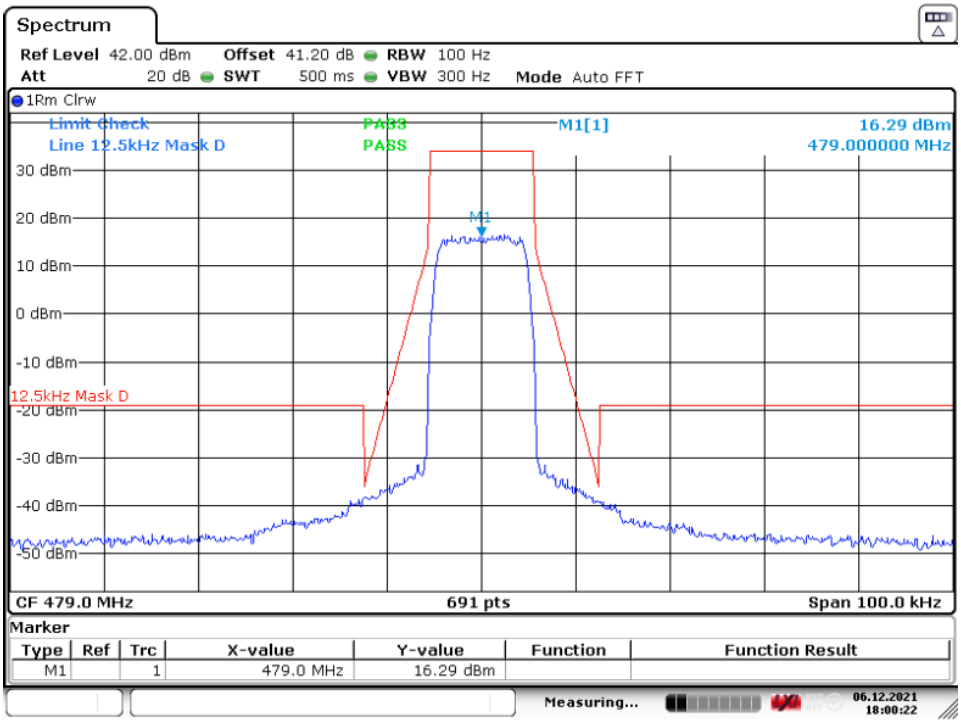
Date: 6.DEC.2021 18:01:35

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



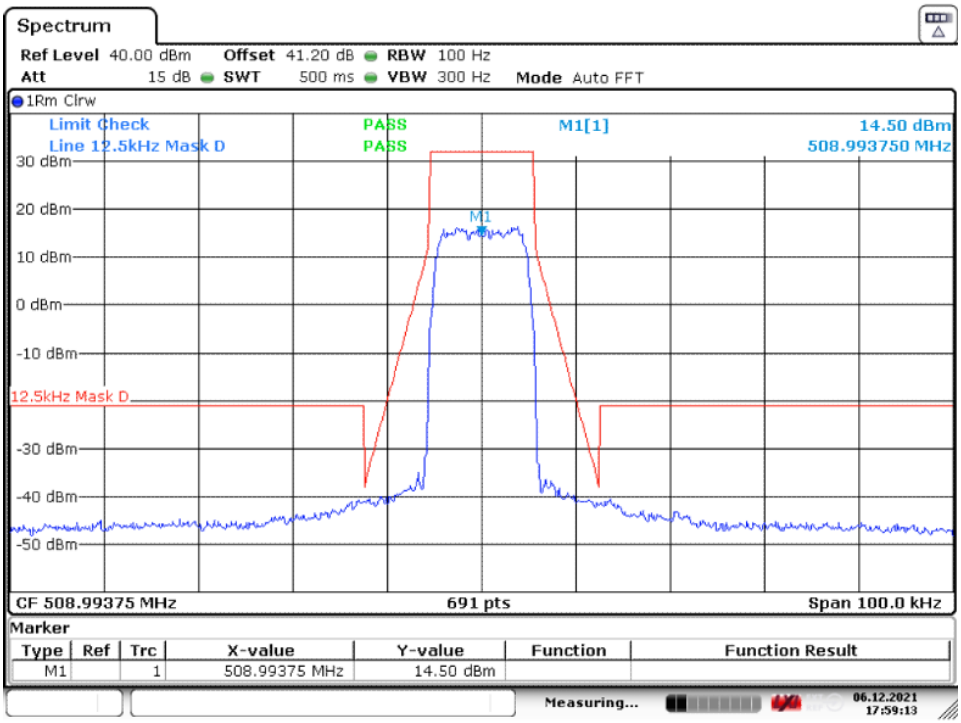
Date: 6.DEC.2021 18:00:09

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

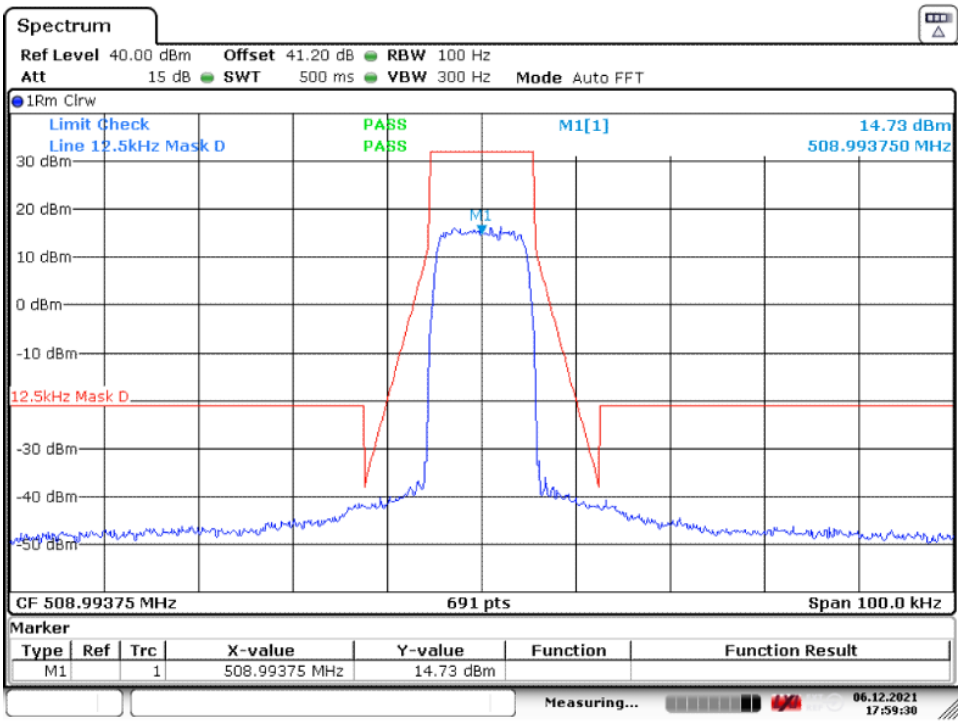


Date: 6.DEC.2021 18:00:23

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

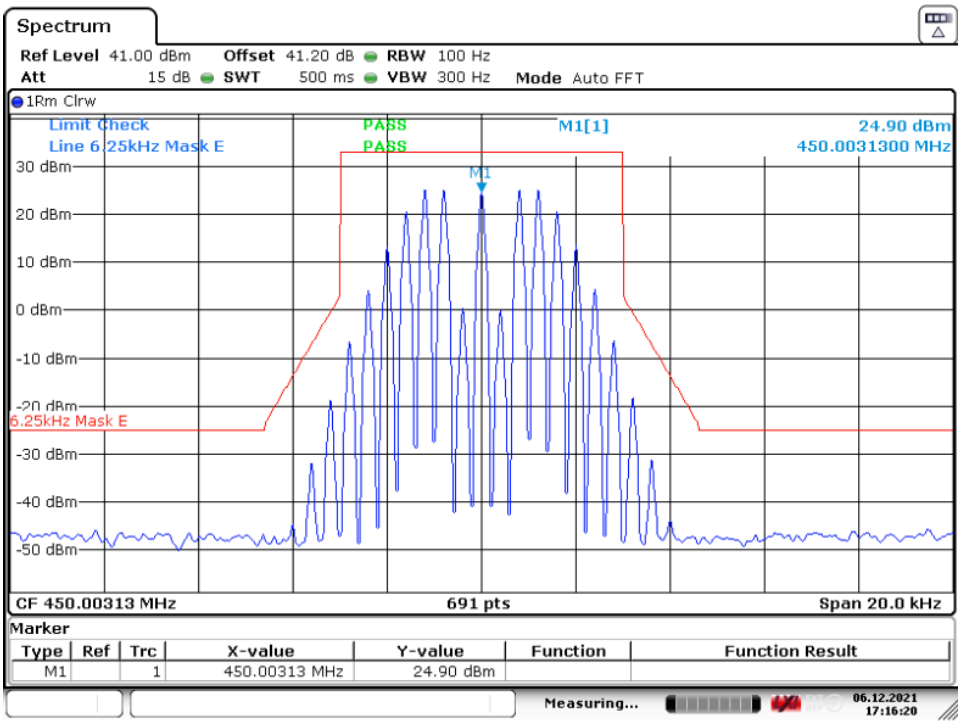


With the input signal amplitude set the AGC threshold
High Frequency: 508.99375MHz



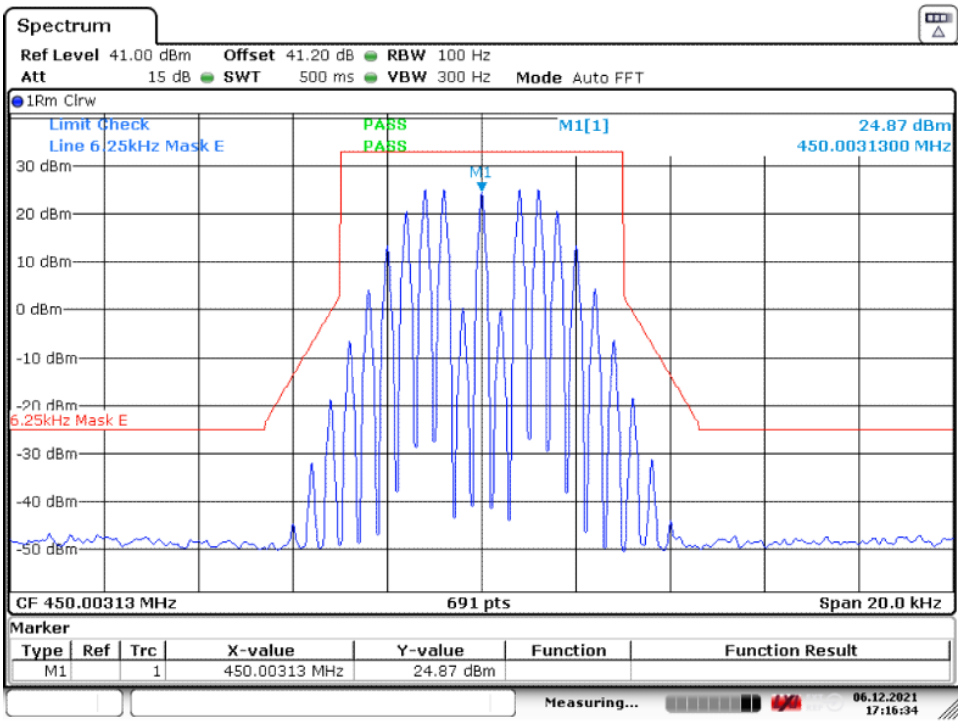
With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99375MHz

10.5.5.1.1.1.3. 6.25kHz Analog FM mode



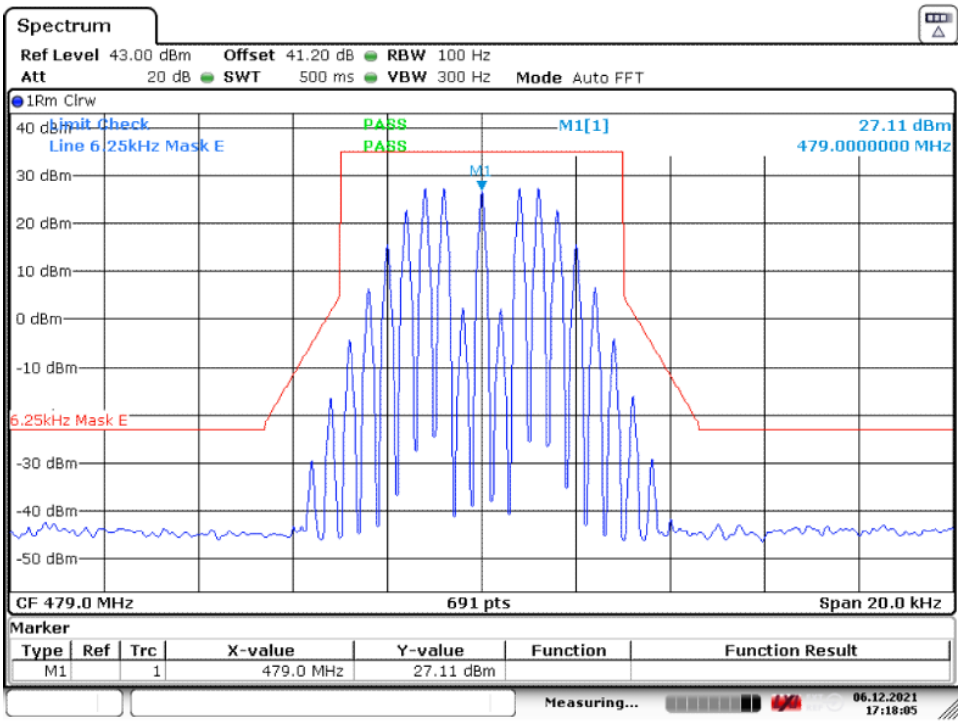
Date: 6.DEC.2021 17:16:21

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



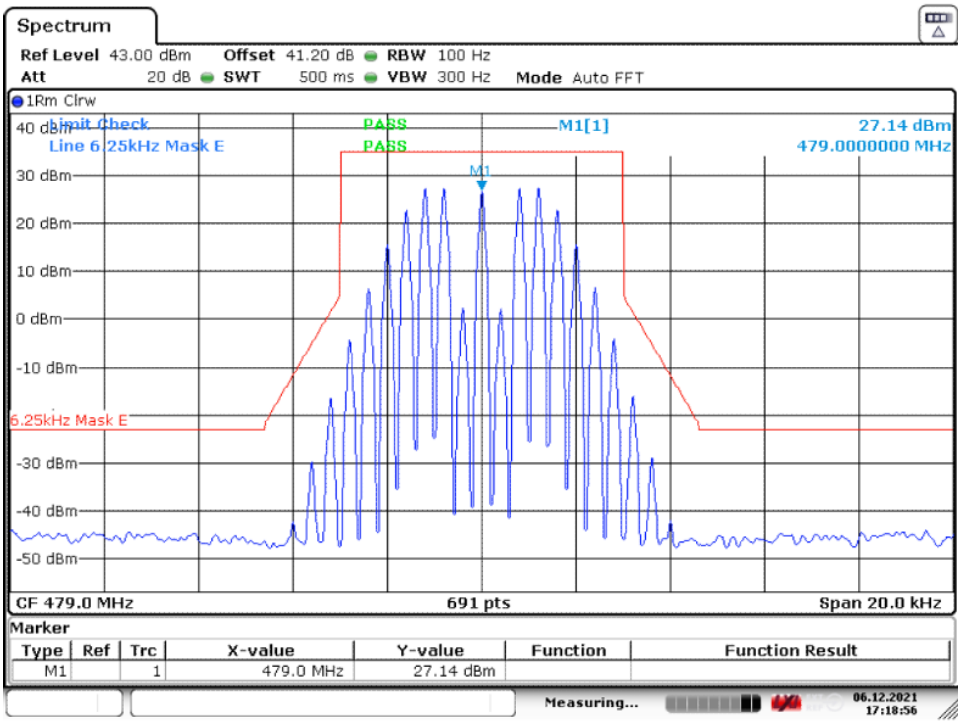
Date: 6.DEC.2021 17:16:34

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



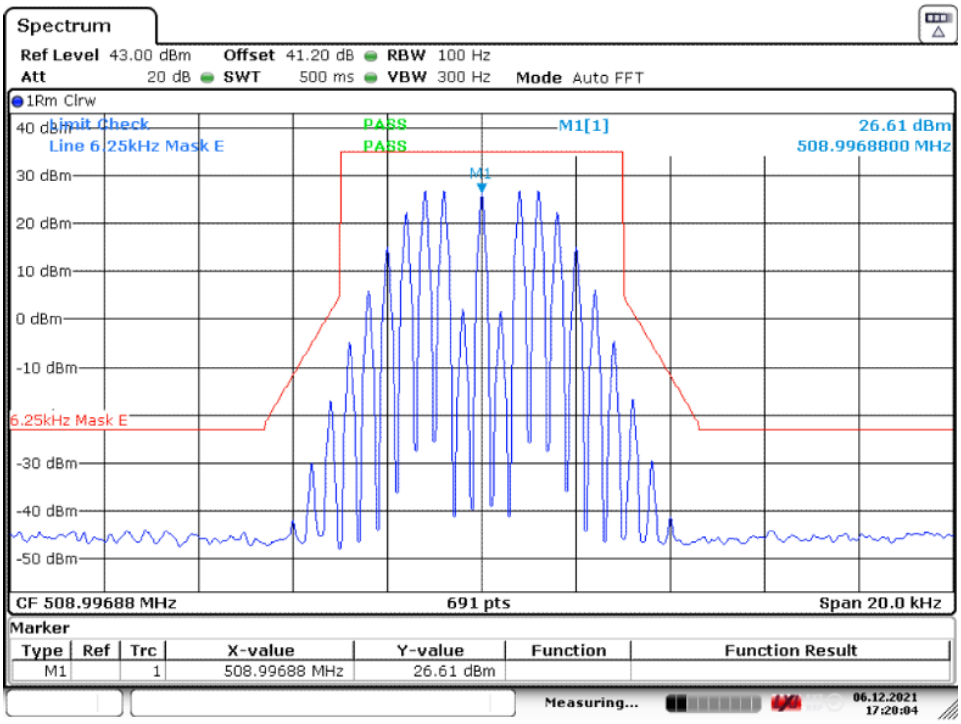
Date: 6.DEC.2021 17:18:06

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



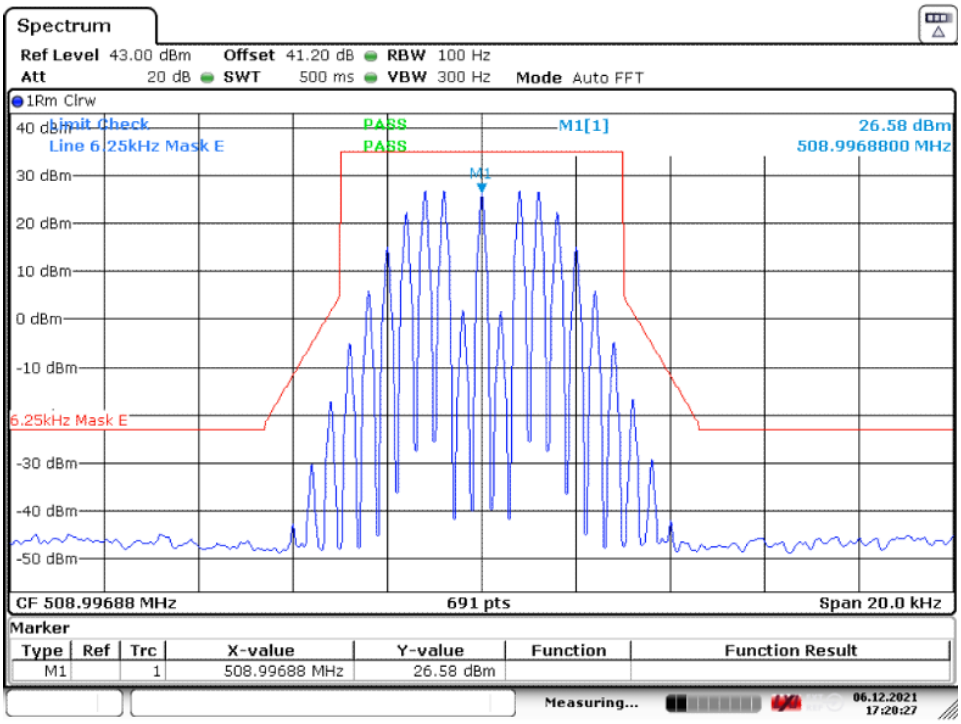
Date: 6.DEC.2021 17:18:56

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



Date: 6.DEC.2021 17:20:04

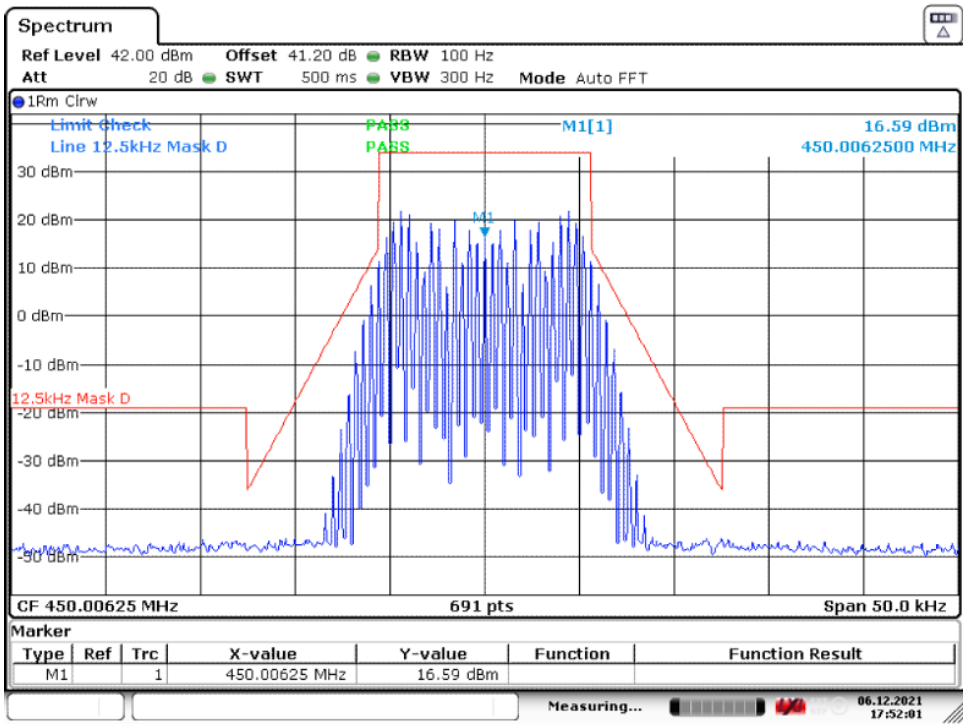
With the input signal amplitude set the AGC threshold
High Frequency: 508.99688MHz



Date: 6.DEC.2021 17:20:28

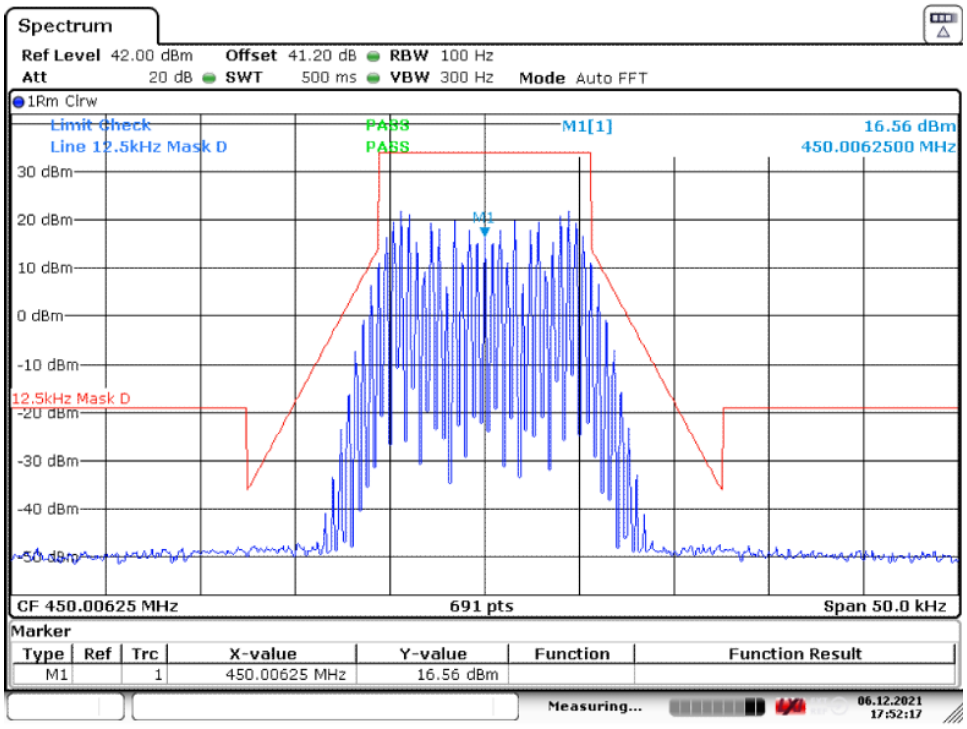
With the input signal amplitude set 3 dB above the AGC threshold
High Frequency: 508.99688MHz

10.5.5.1.1.1.4. 12.5kHz Analog FM mode



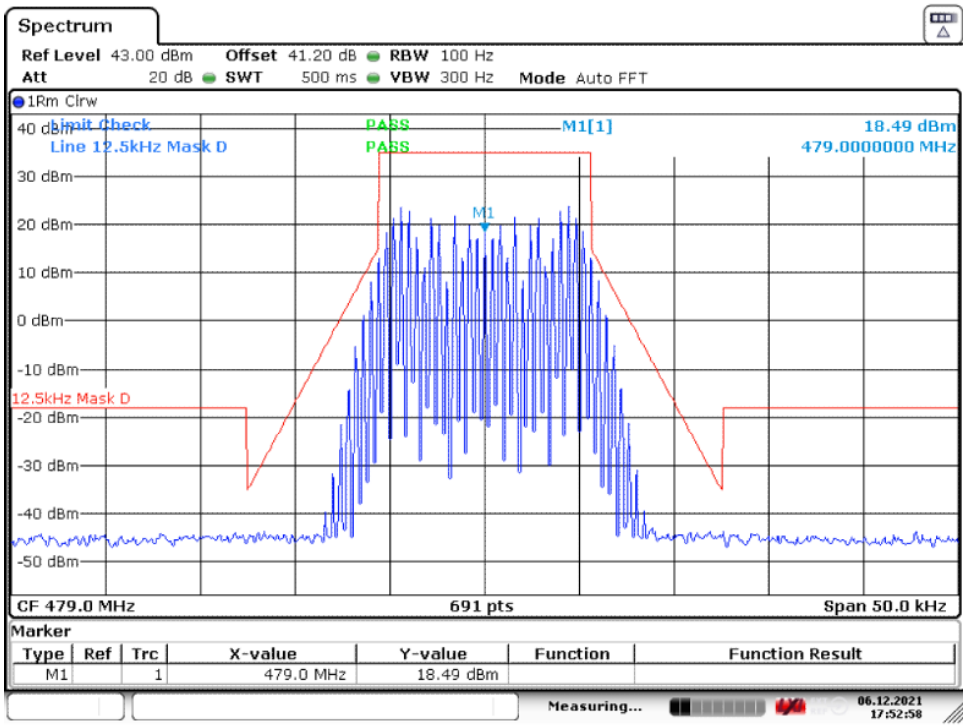
Date: 6.DEC.2021 17:52:02

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



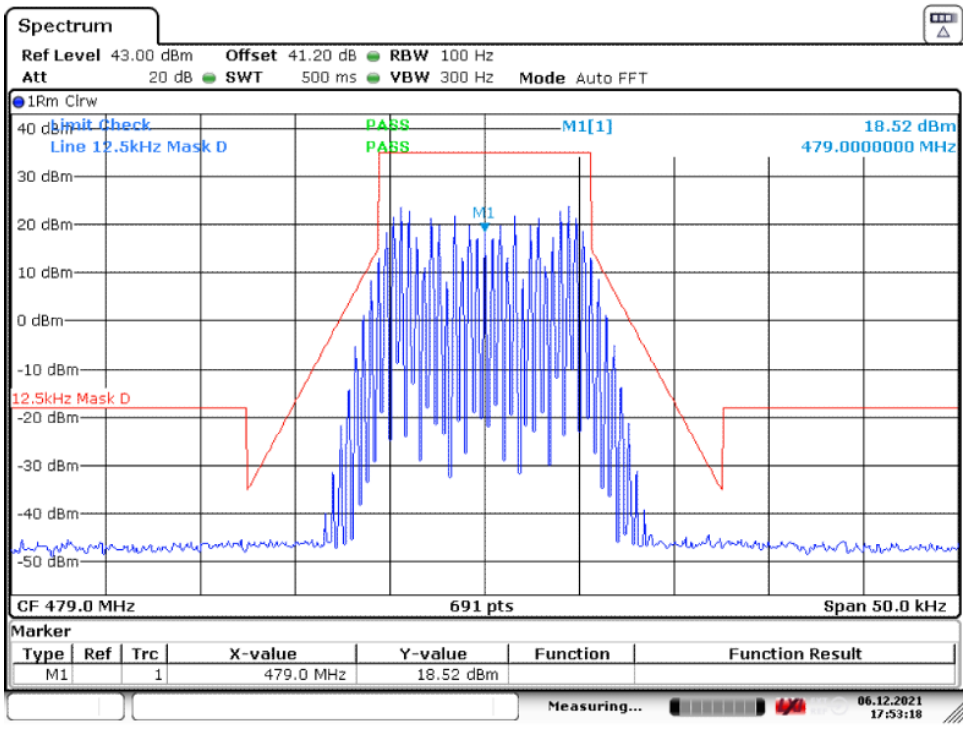
Date: 6.DEC.2021 17:52:17

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



Date: 6.DEC.2021 17:52:59

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



Date: 6.DEC.2021 17:53:19

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