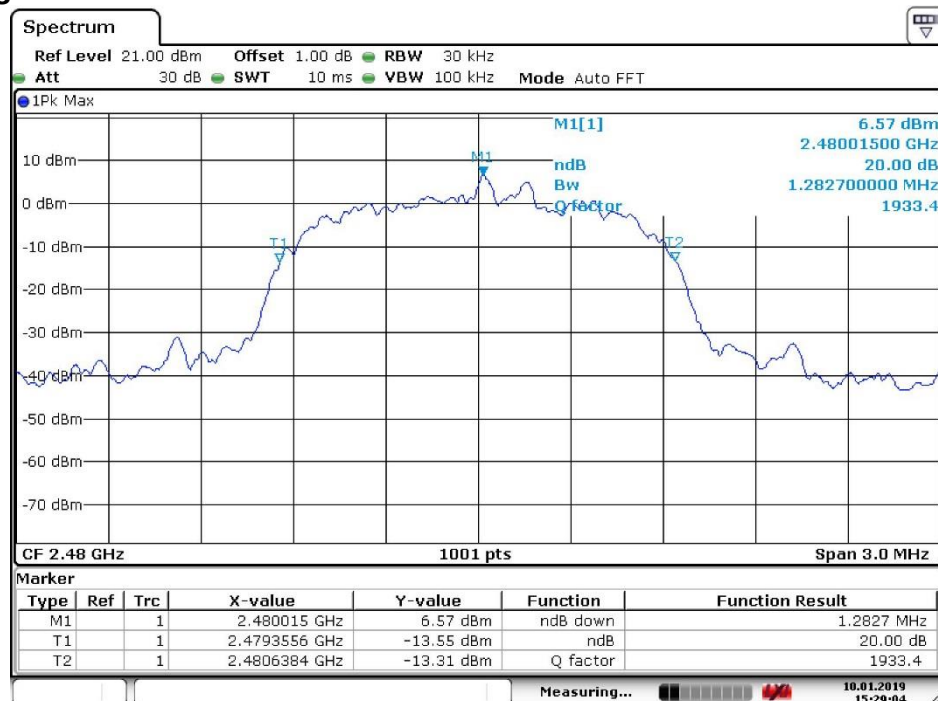
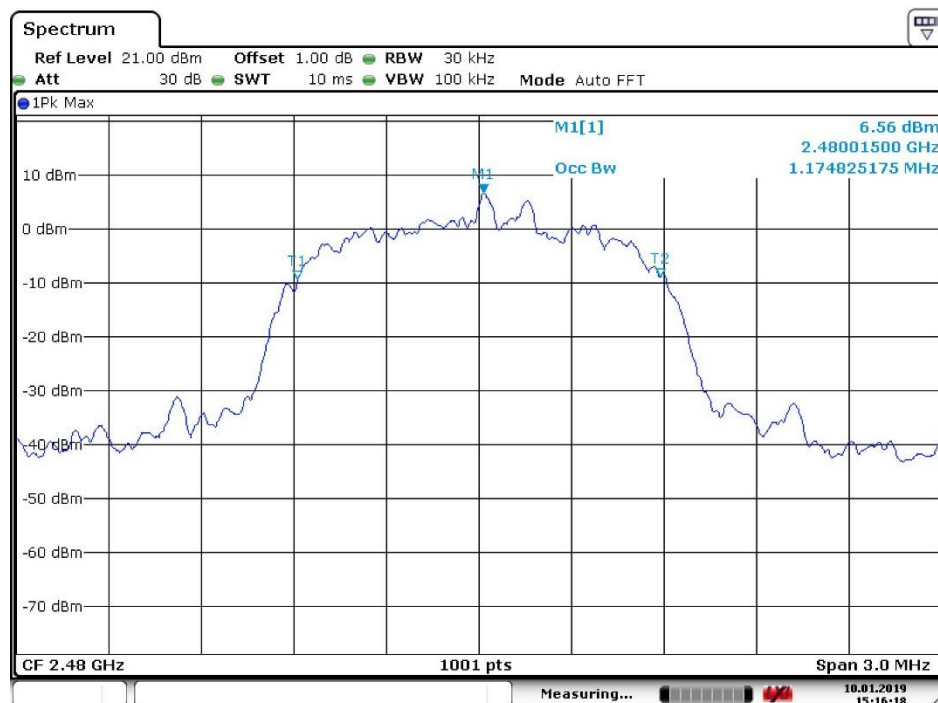


8DPSK_Highest Channel



Date: 10. JAN.2019 15:29:05



Date: 10. JAN.2019 15:16:18

6 Carrier Frequencies Separation

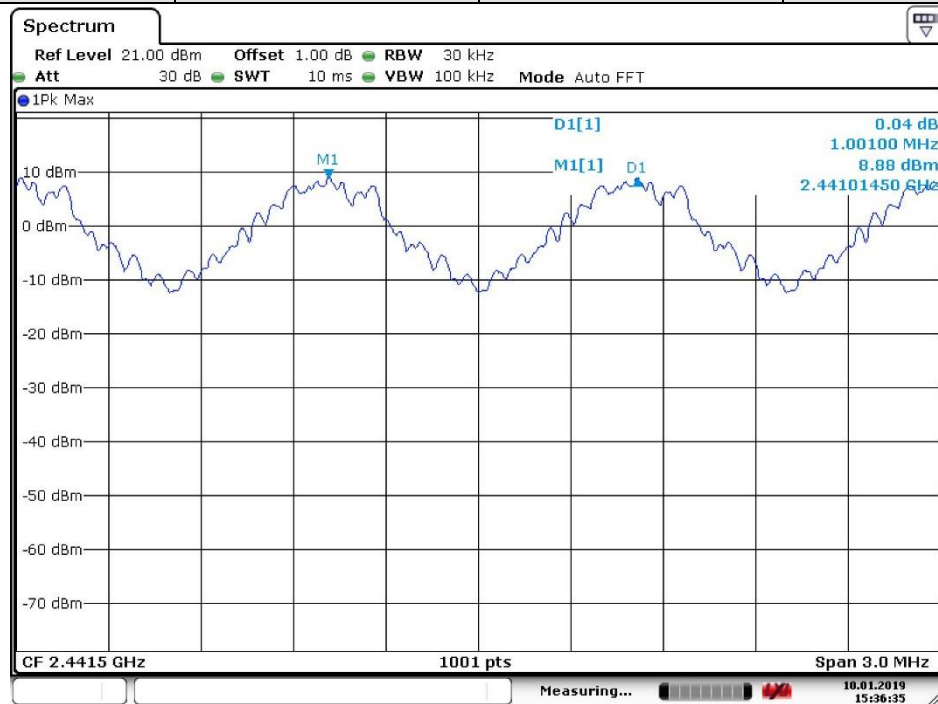
6.1 Test Results

GFSK mode			
Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
Middle	1001	635.33	Pass
$\pi/4$ DQPSK mode			
Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
Middle	1001	855.13	Pass
8DPSK mode			
Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
Middle	1001	855.13	Pass

Mode	20dB bandwidth (kHz) (worse case)	Limit (kHz) (Carrier Frequencies Separation)
GFSK	953.00	635.33
$\pi/4$ DQPSK	1282.70	855.13
8DPSK	1282.70	855.13

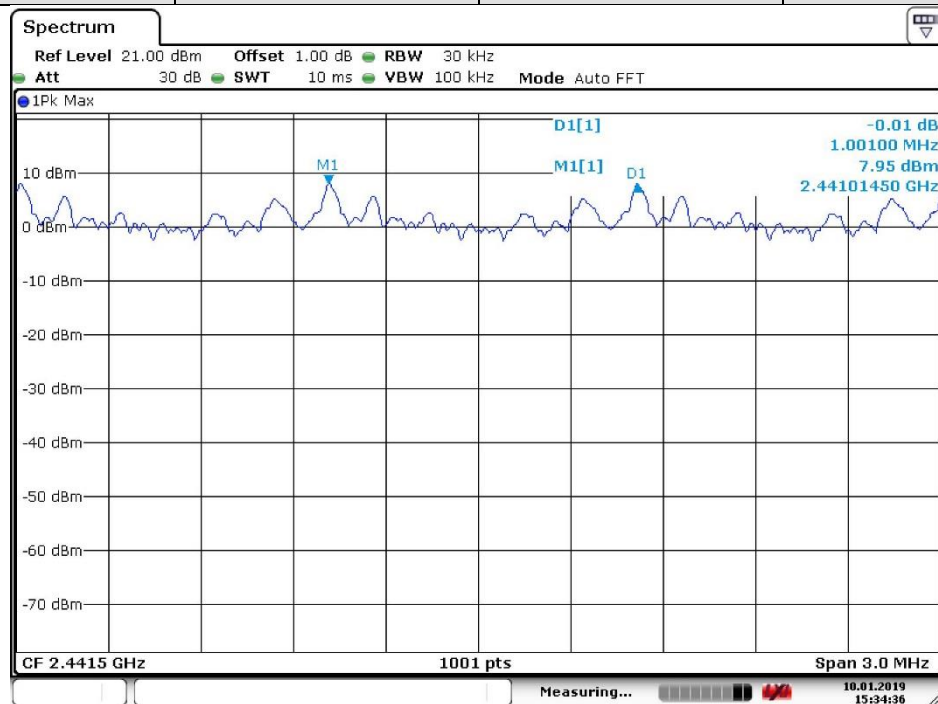
6.2 Test plots:

Test mode:	GFSK	Test channel:	Middle
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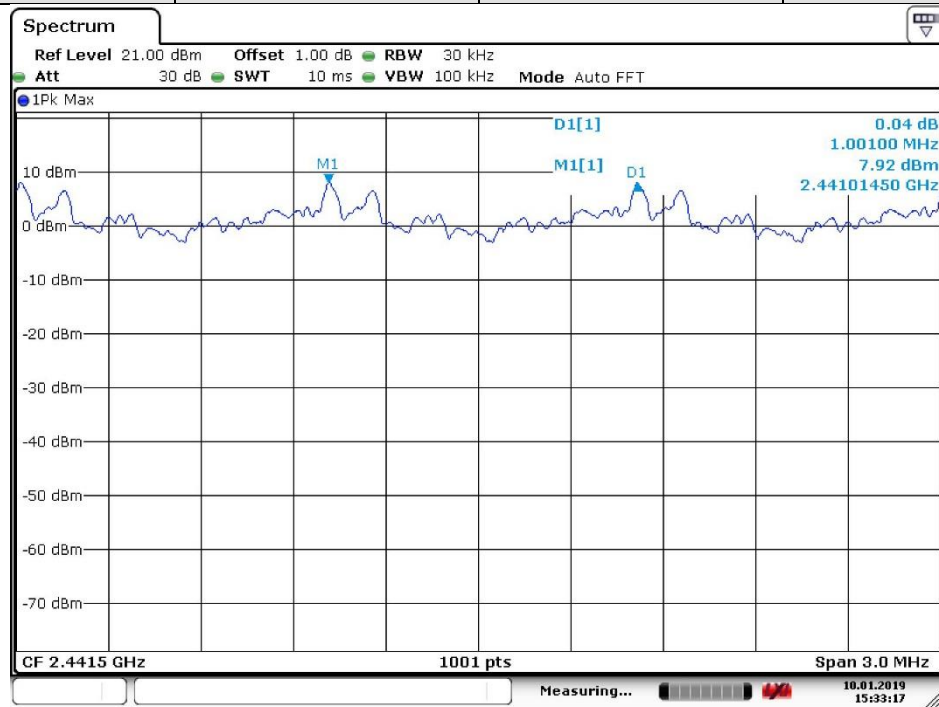
Date: 10 JAN.2019 15:36:35

Test mode:	$\pi/4$ DQPSK	Test channel:	Middle
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Date: 10 JAN.2019 15:34:36

Test mode:	8DPSK	Test channel:	Middle
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Date: 10.JAN.2019 15:33:17

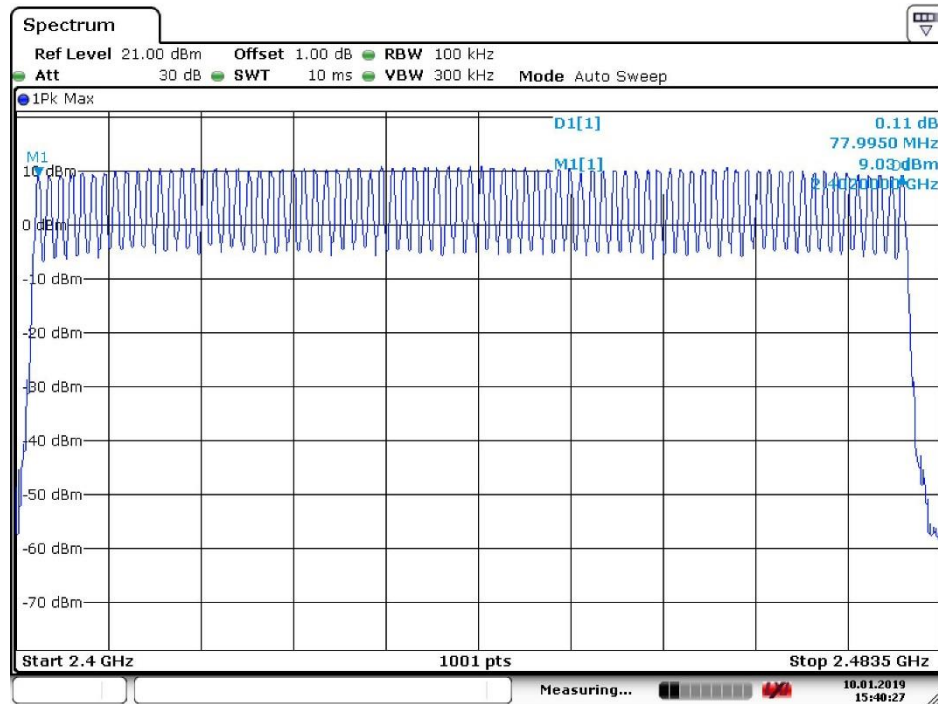
7 Hopping Channel Number

7.1 Test Results

Mode	Hopping channel numbers	Limit
GFSK	79	≥ 15
$\pi/4$ DQPSK	79	≥ 15
8DPSK	79	≥ 15

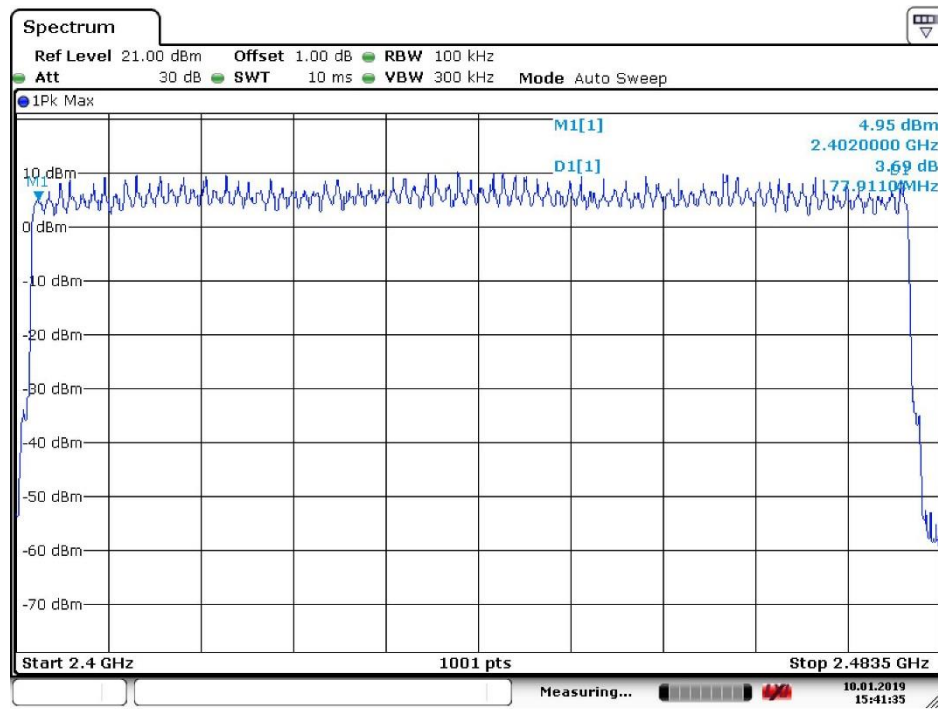
7.2 Test plots

GFSK



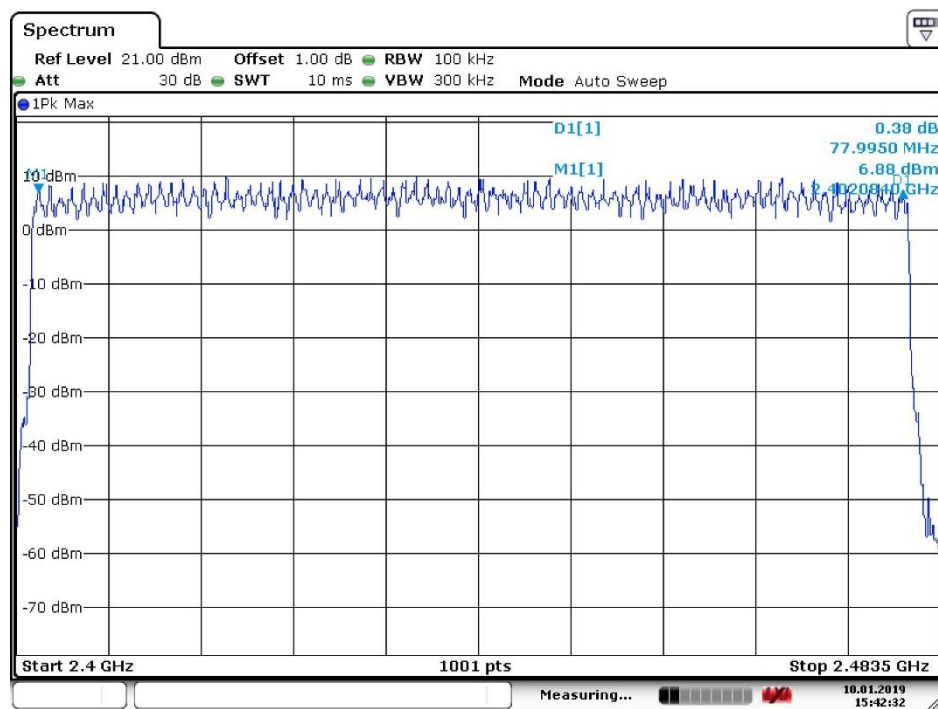
Date: 10. JAN. 2019 15:40:27

$\pi/4$ DQPSK



Date: 10 JAN.2019 15:41:35

8DPSK



Date: 10 JAN.2019 15:42:32

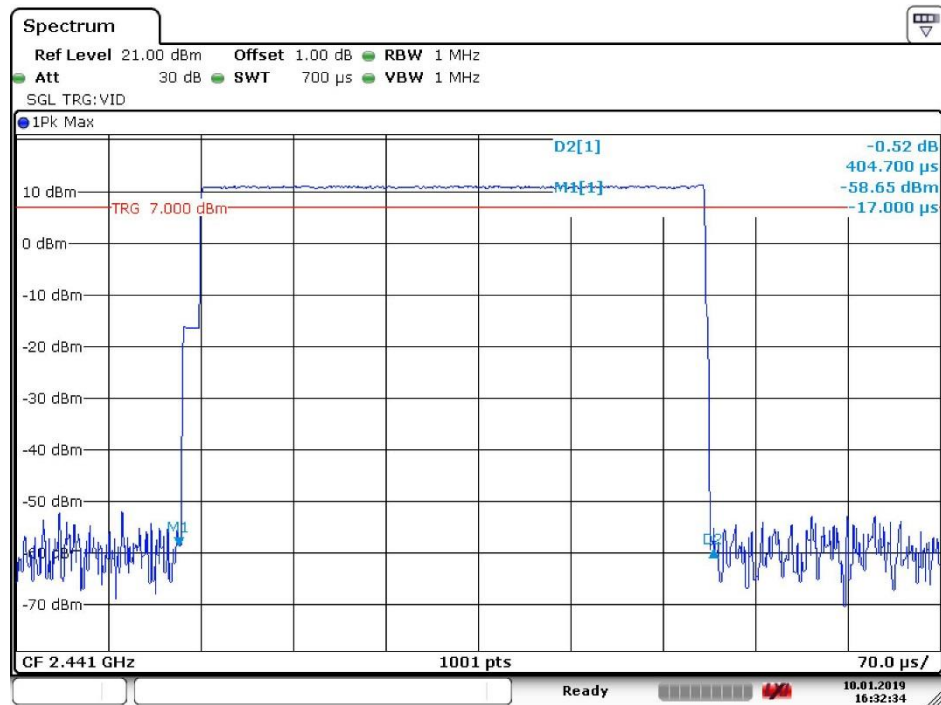
8 Dwell Time

8.1 Test Results

Operation Modes	On time (ms) on one channel
DH1	0.405
DH3	1.667
DH5	2.934
2-DH1	0.408
2-DH3	1.676
2-DH5	2.924
3-DH1	0.409
3-DH3	1.661
3-DH5	2.919

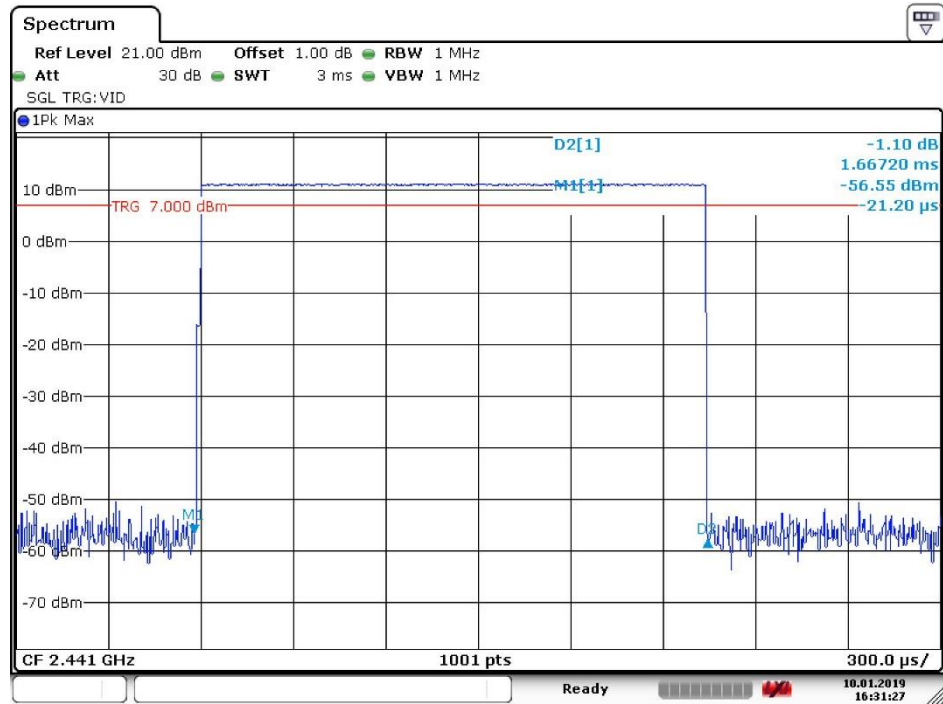
8.2 Test plots

DH1 _Middle Channel



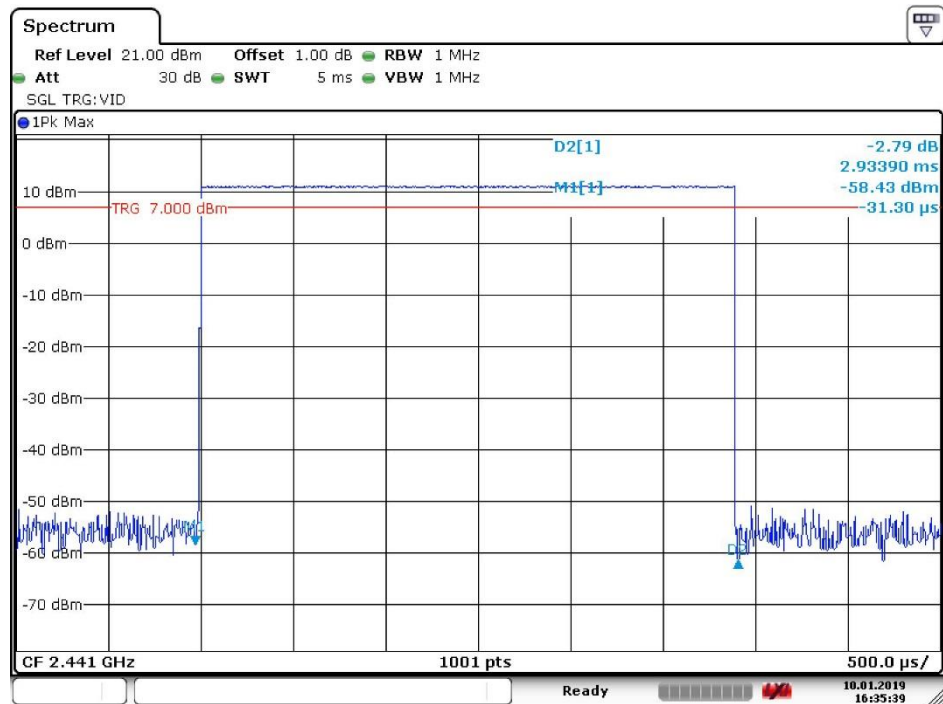
Date: 10 JAN.2019 16:32:34

DH3 _ Middle Channel



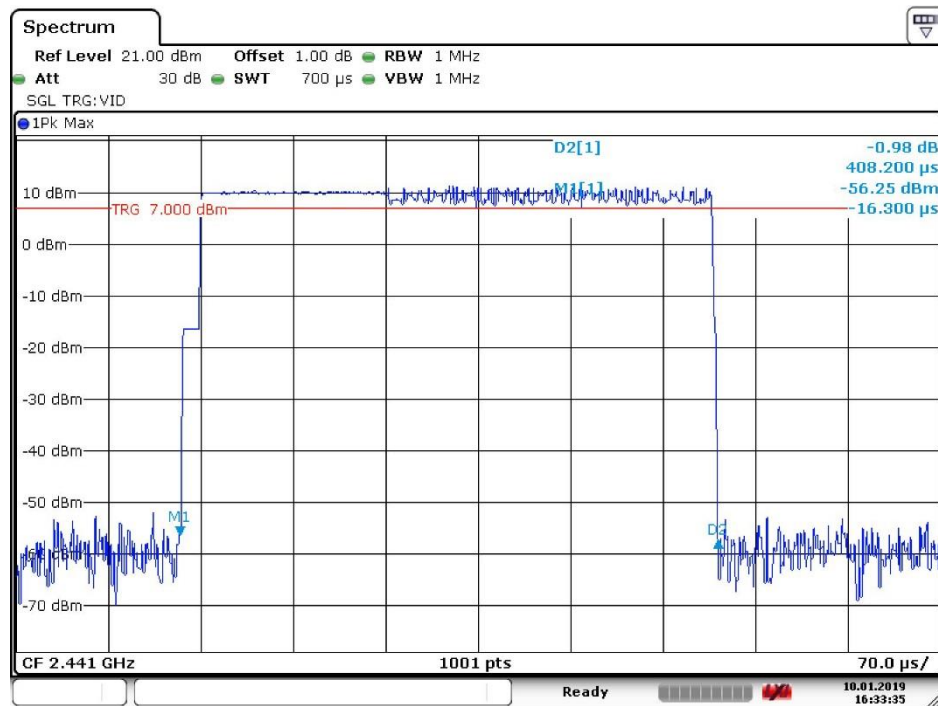
Date: 10. JAN.2019 16:31:28

DH5 _ Middle Channel



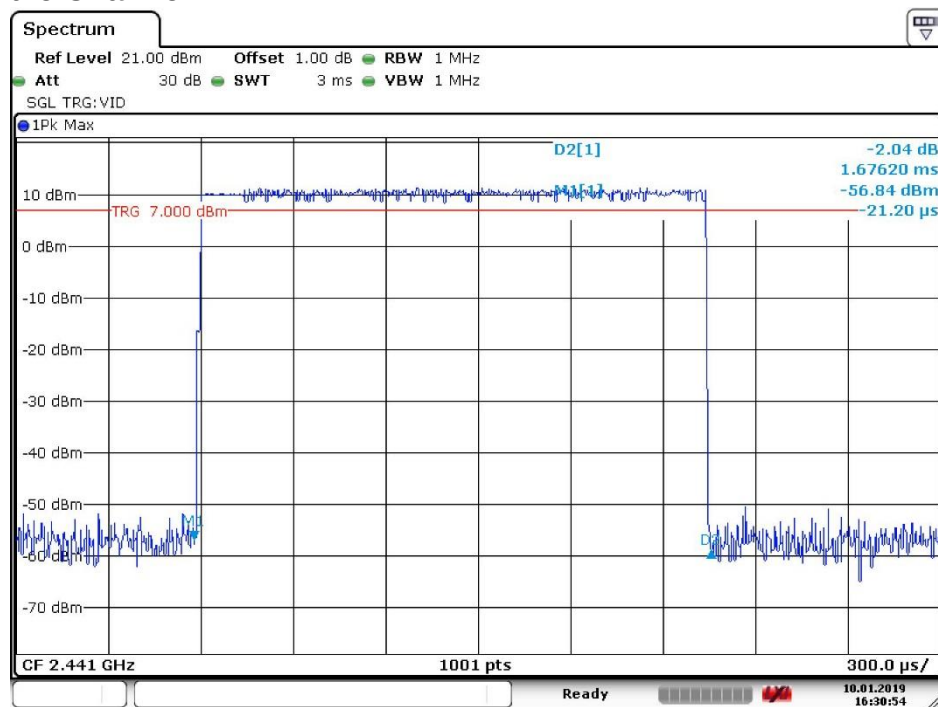
Date: 10. JAN.2019 16:35:39

2DH1 _ Middle Channel



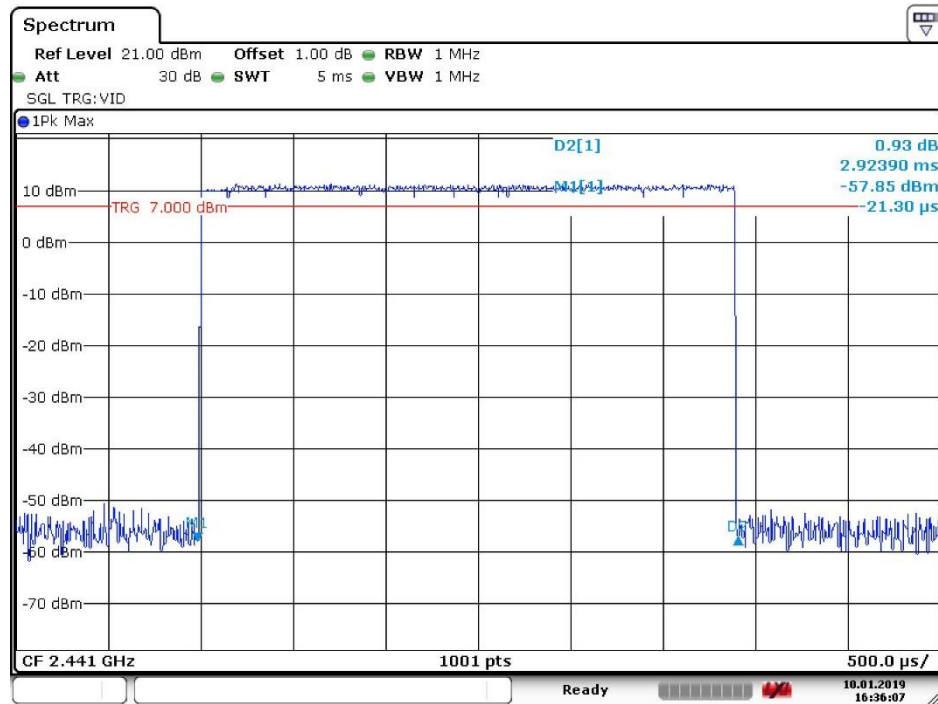
Date: 10. JAN.2019 16:33:35

2DH3 _ Middle Channel



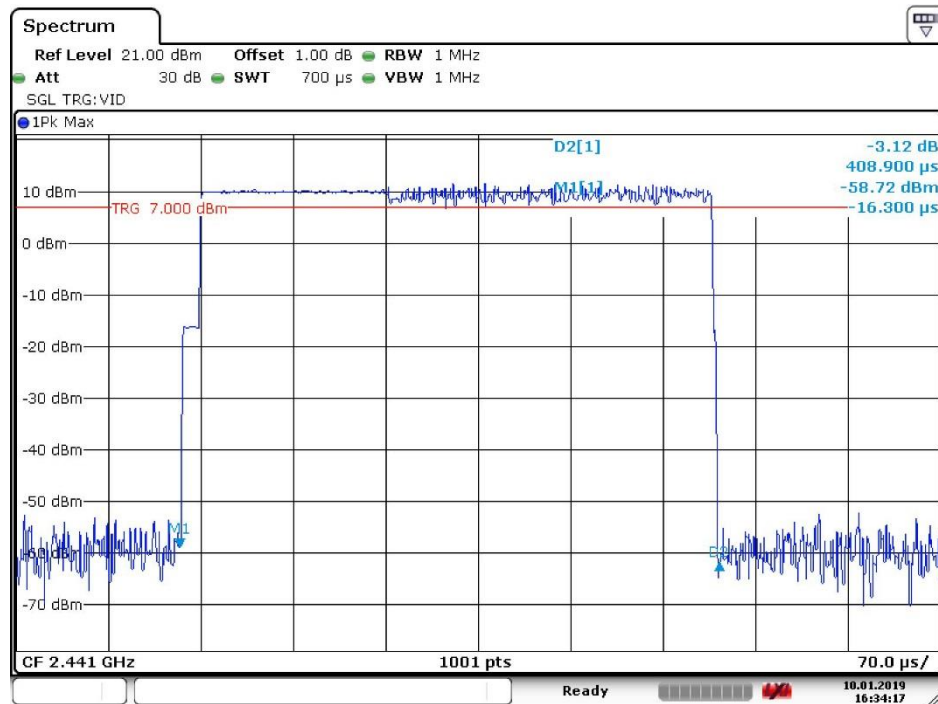
Date: 10. JAN.2019 16:30:54

2DH5 _ Middle Channel



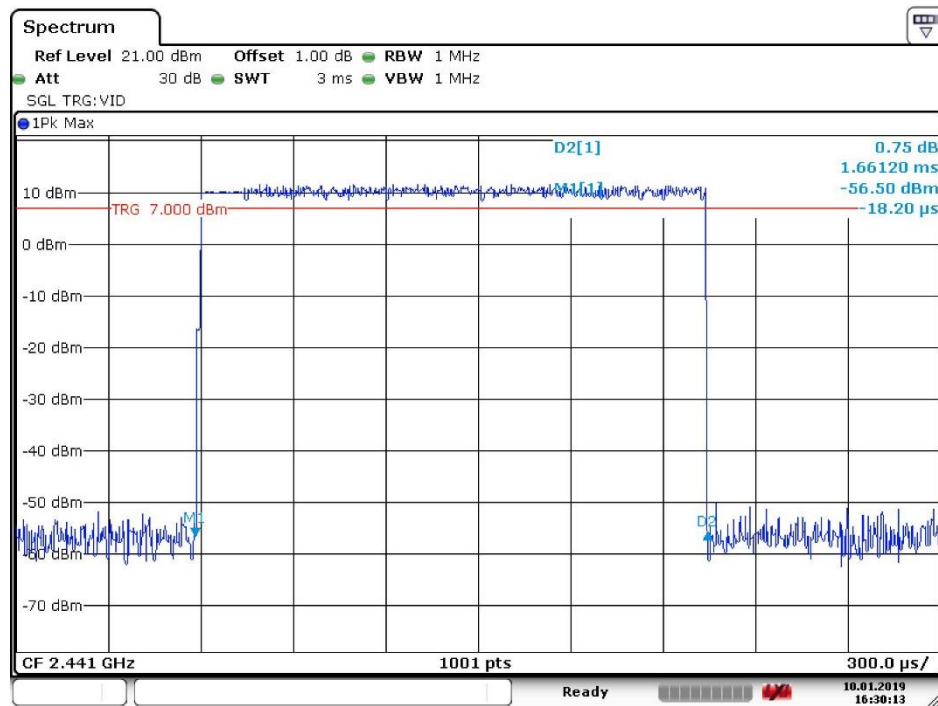
Date: 10. JAN.2019 16:36:07

3DH1 _ Middle Channel



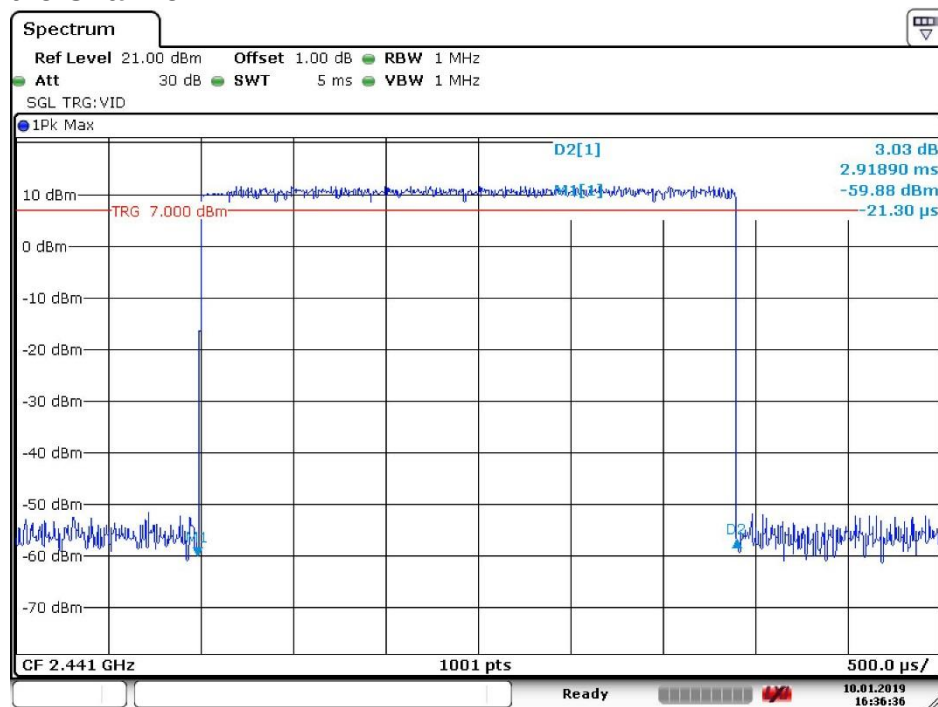
Date: 10. JAN.2019 16:34:18

3DH3 _ Middle Channel



Date: 10. JAN.2019 16:30:13

3DH5 _ Middle Channel

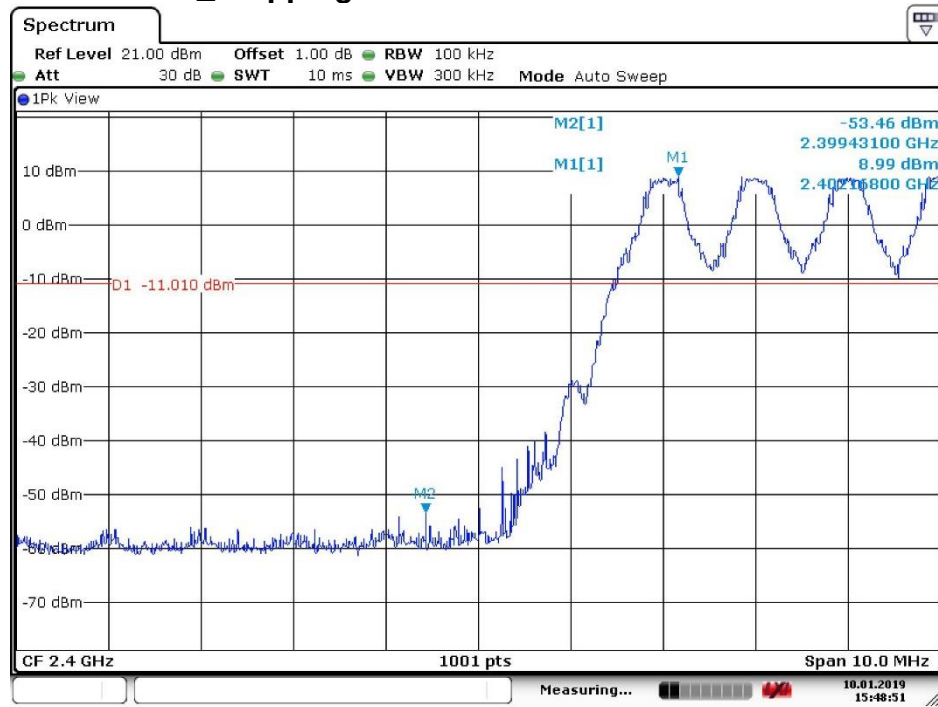


Date: 10. JAN.2019 16:36:36

9 Band-edge for RF Conducted Emissions

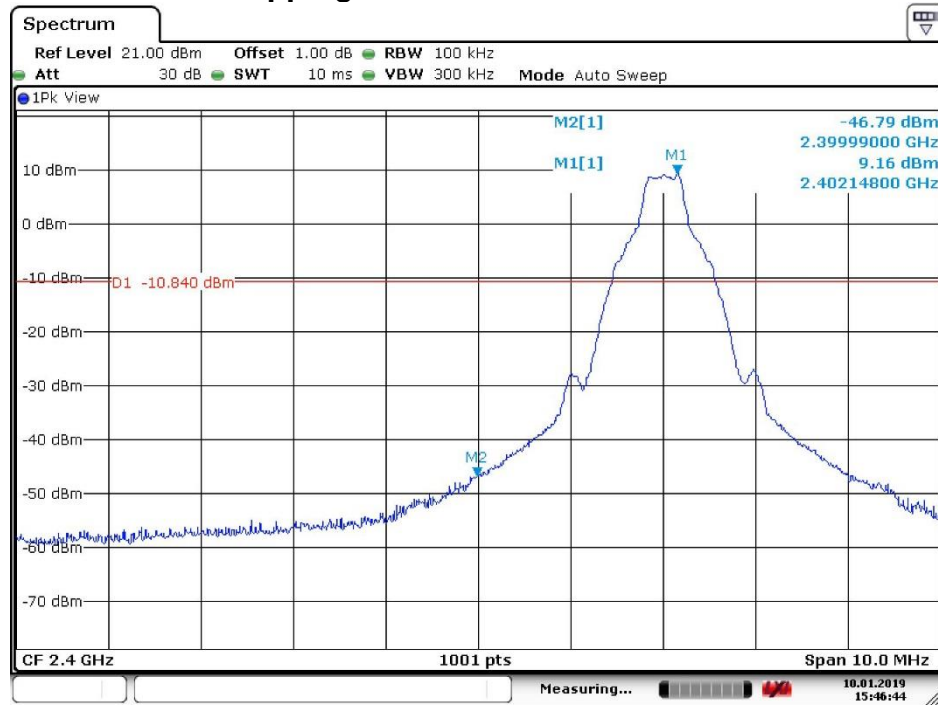
9.1 Test plots

GFSK _Lowest Channel_ Hopping ON



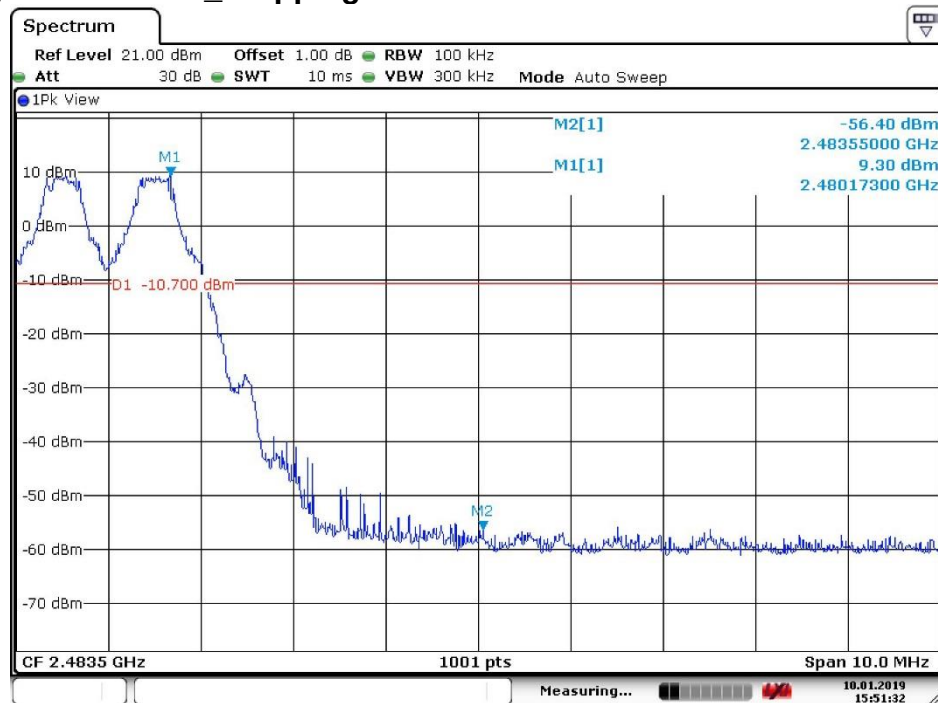
Date: 10.JAN.2019 15:48:51

GFSK _Lowest Channel_ Hopping OFF



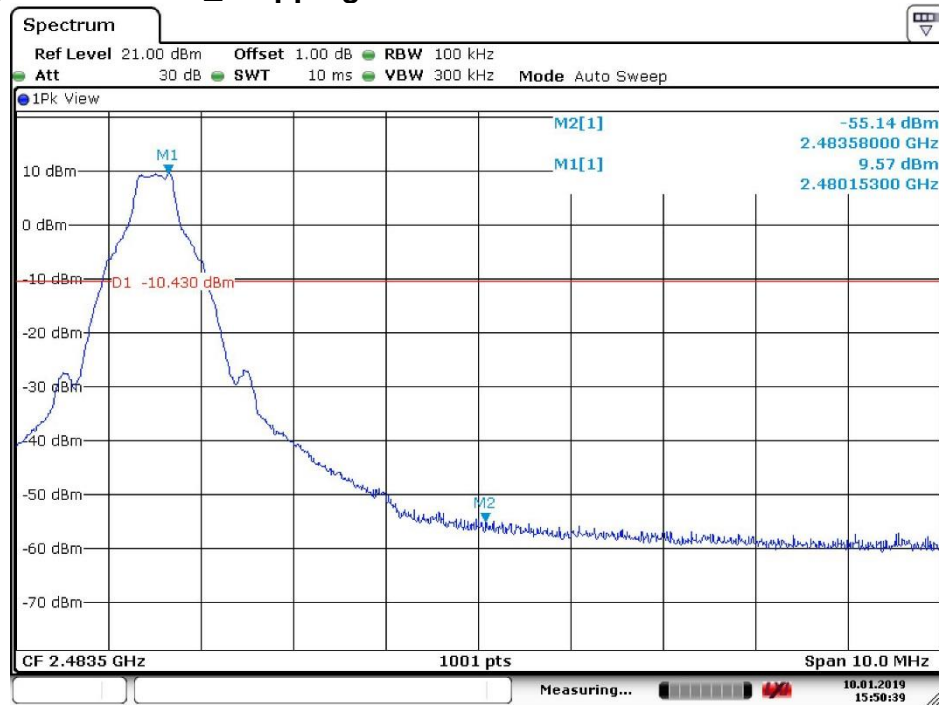
Date: 10.JAN.2019 15:46:44

GFSK _Highest Channel_ Hopping ON



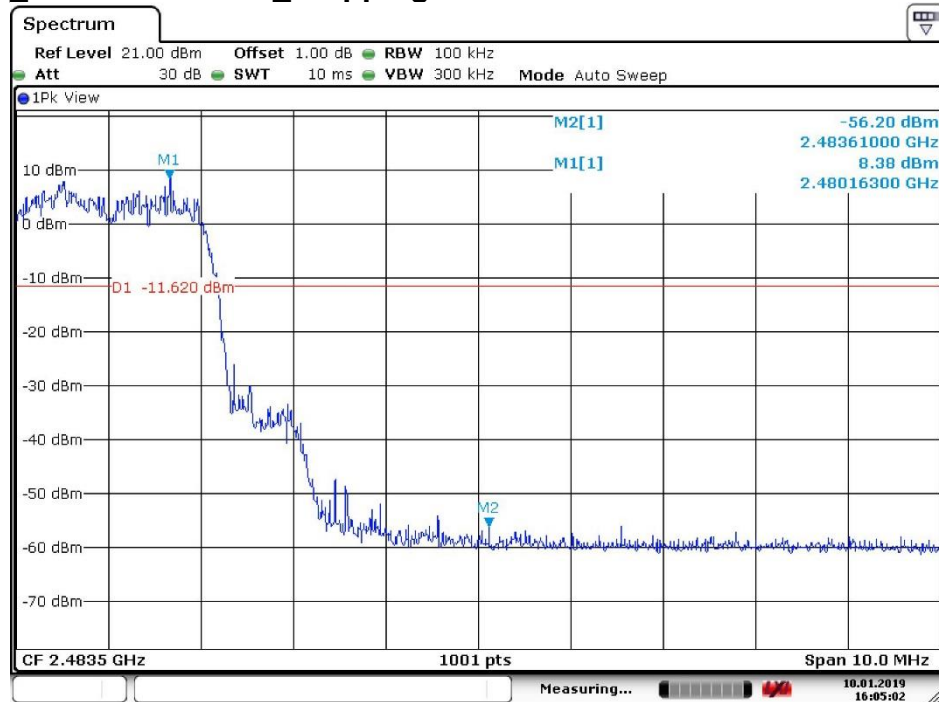
Date: 10.JAN.2019 15:51:32

GFSK _Highest Channel_ Hopping OFF



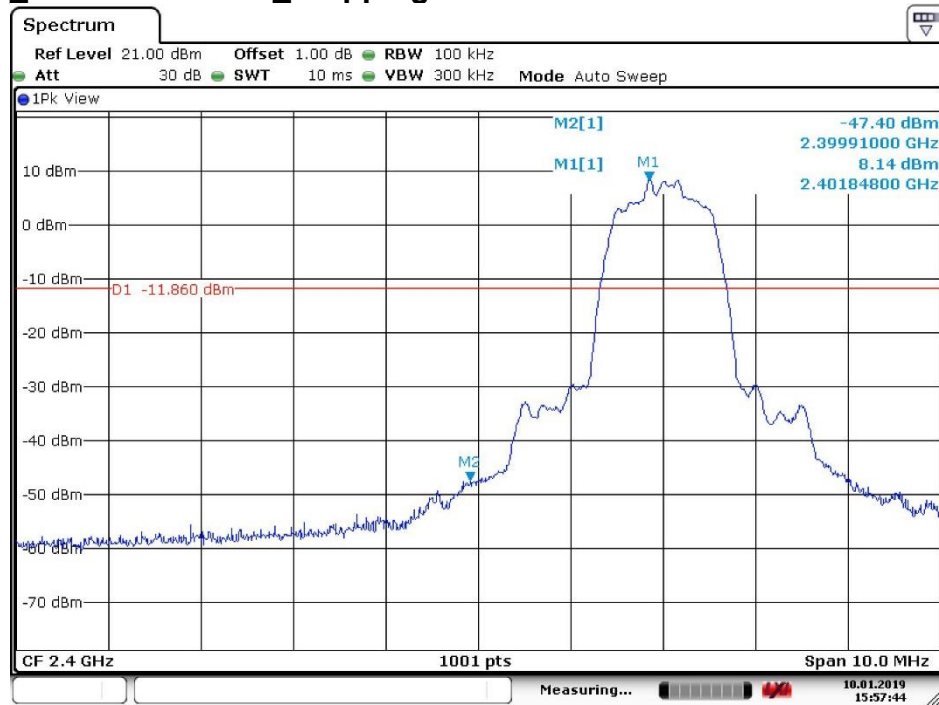
Date: 10. JAN.2019 15:50:40

$\pi/4$ DQPSK _Lowest Channel_ Hopping ON



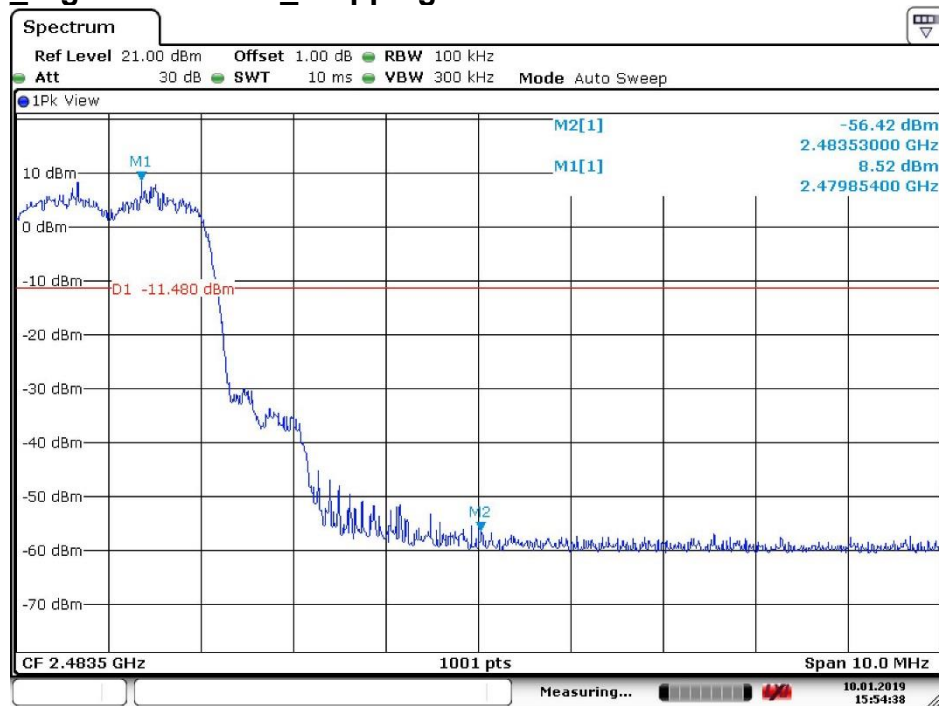
Date: 10. JAN.2019 16:05:03

$\pi/4$ DQPSK_Lowest Channel_ Hopping OFF



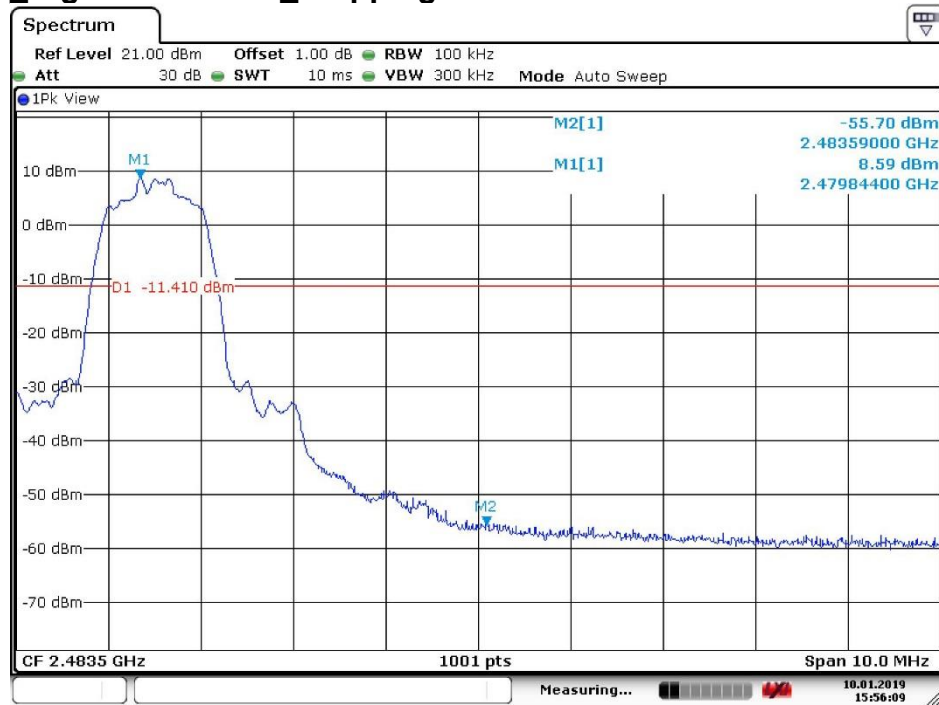
Date: 10.JAN.2019 15:57:45

$\pi/4$ DQPSK_Highest Channel_ Hopping ON



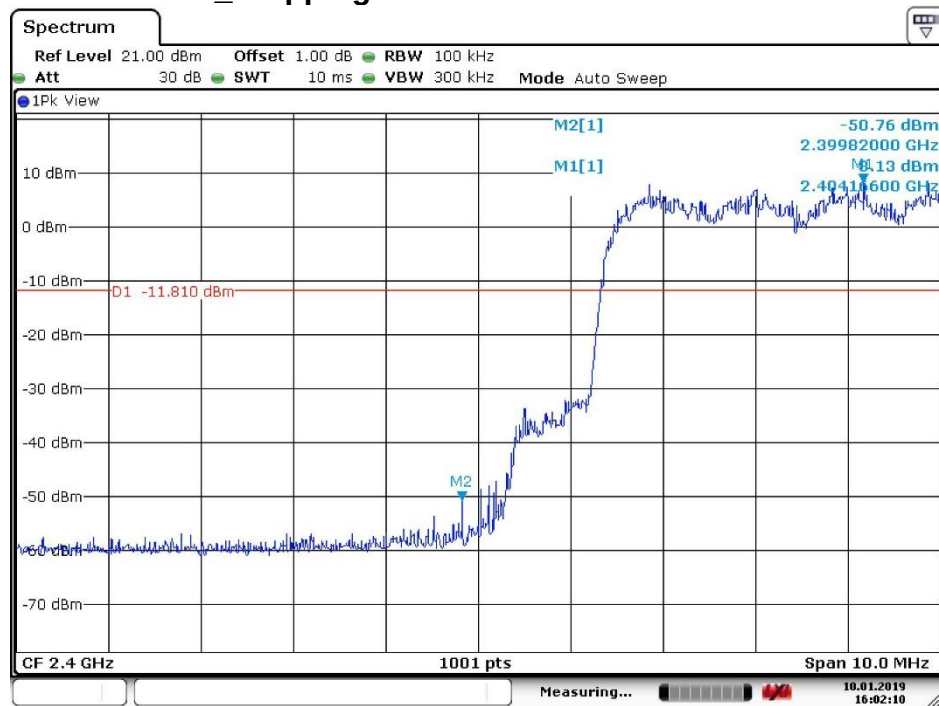
Date: 10.JAN.2019 15:54:38

$\pi/4$ DQPSK_Highest Channel_Hopping OFF



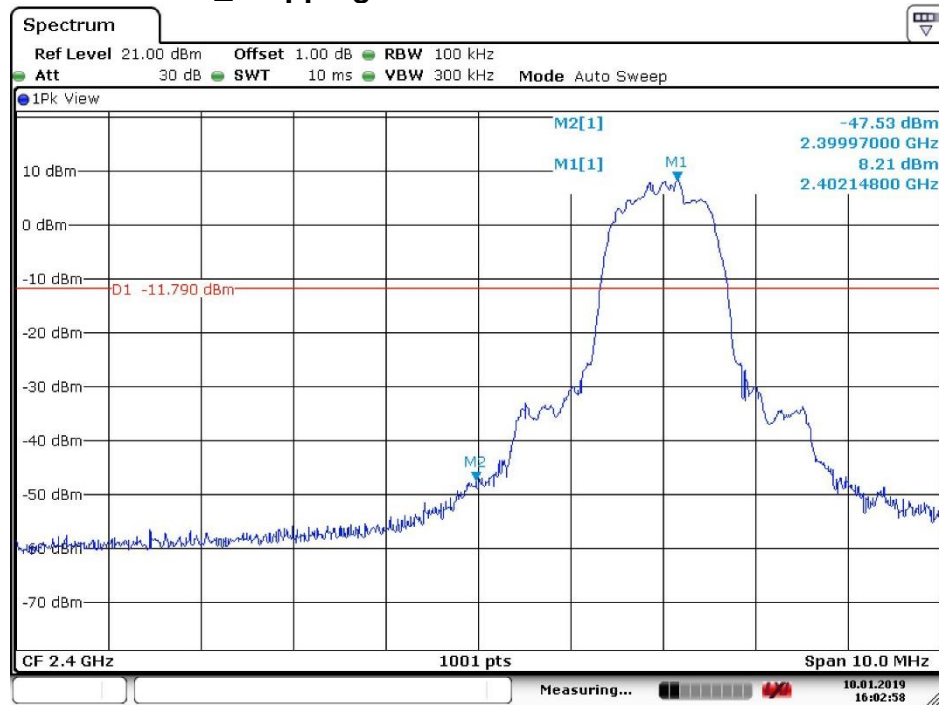
Date: 10.JAN.2019 15:56:09

8DPSK_Lowest Channel_Hopping ON



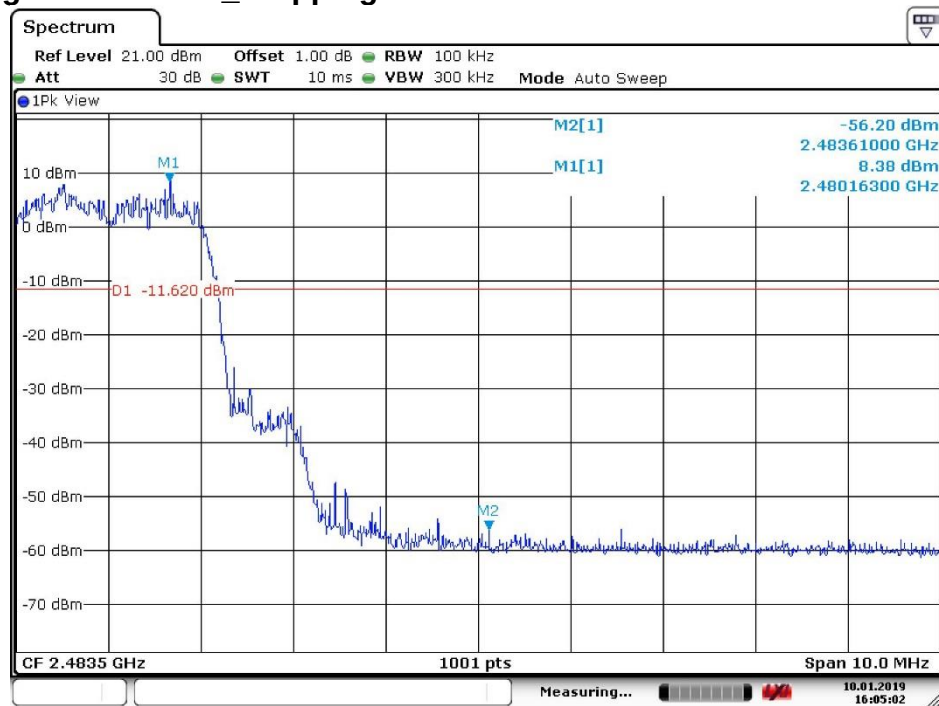
Date: 10.JAN.2019 16:02:10

8DPSK _Lowest Channel_ Hopping OFF



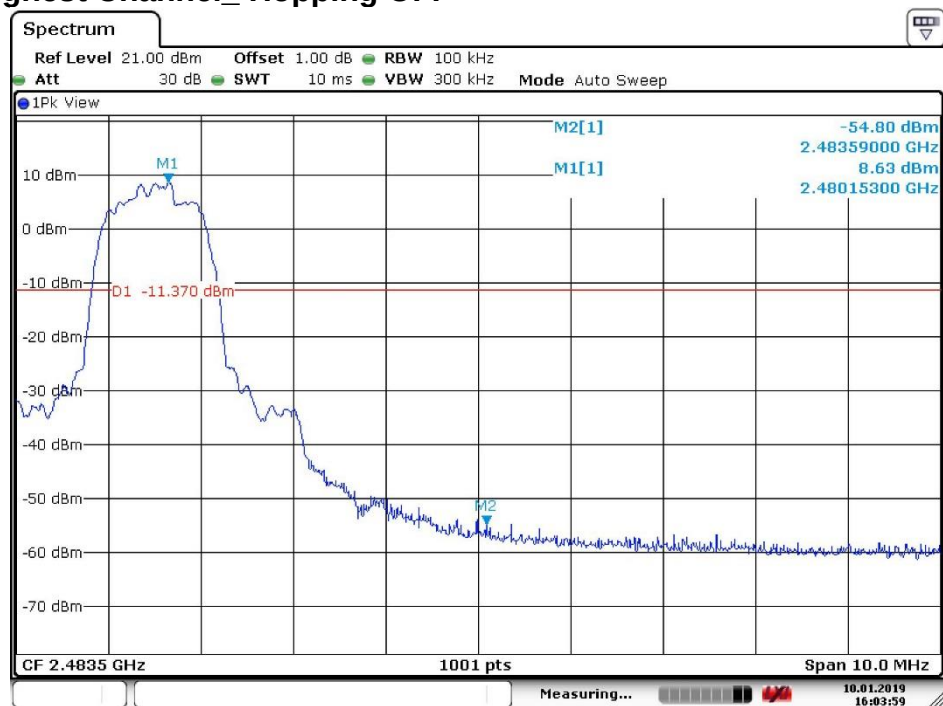
Date: 10.JAN.2019 16:02:59

8DPSK _Highest Channel_ Hopping ON



Date: 10.JAN.2019 16:05:03

8DPSK _Highest Channel_ Hopping OFF

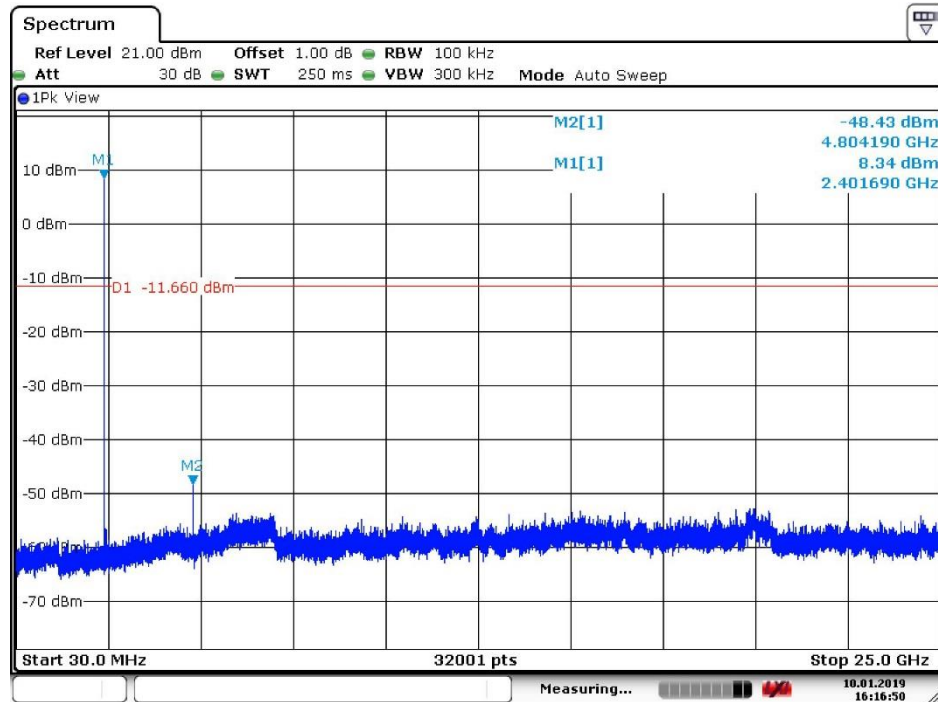


Date: 10.JAN.2019 16:04:00

10 Spurious RF Conducted Emissions

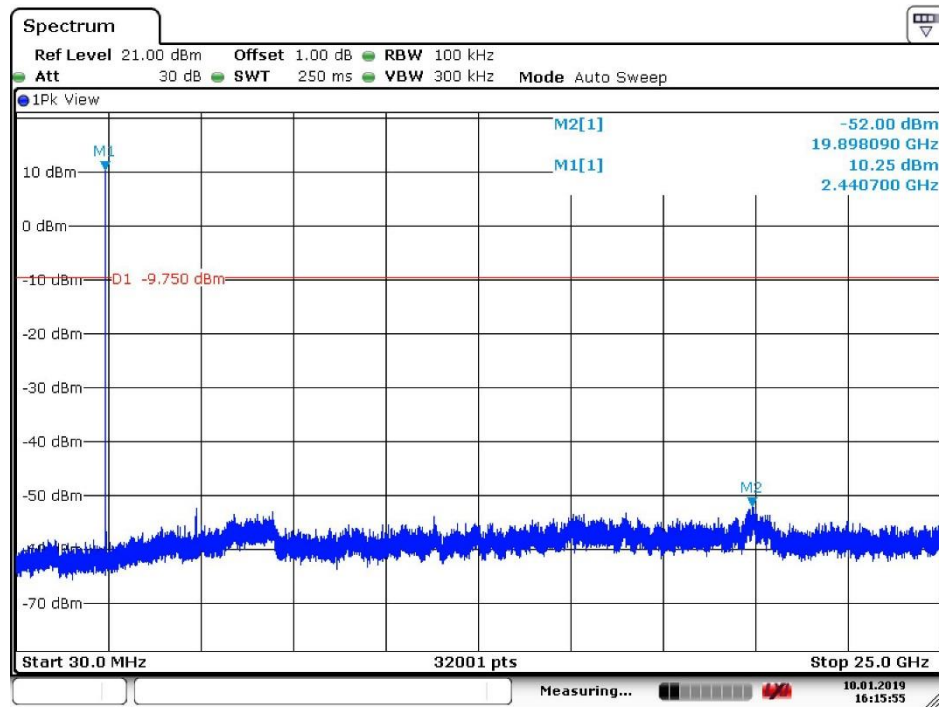
10.1 Test plots

GFSK _Lowest Channel



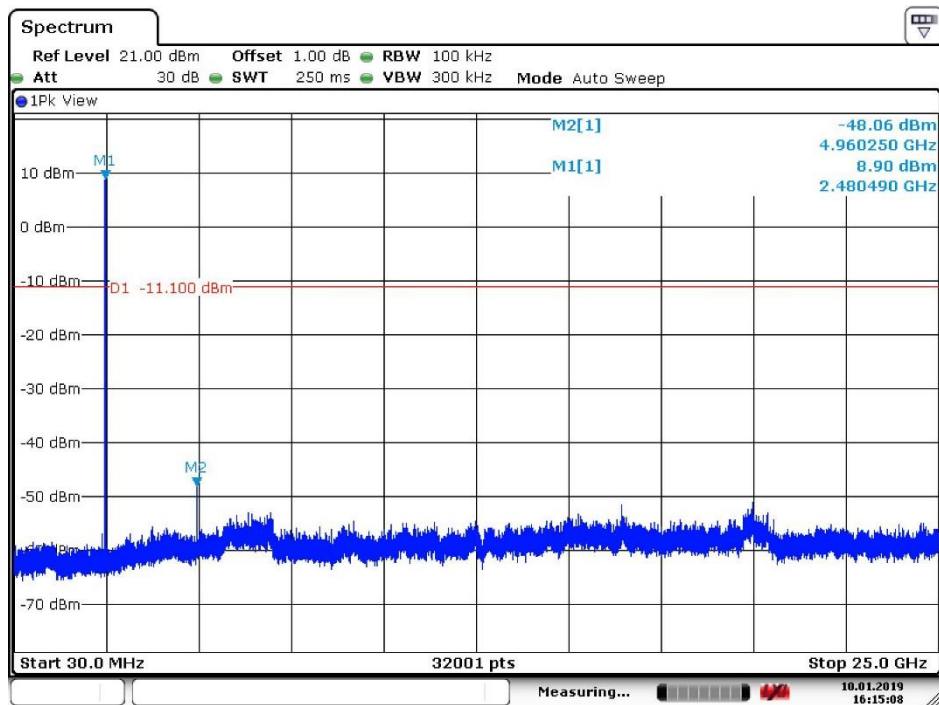
Date: 10.JAN.2019 16:16:50

GFSK _Middle Channel



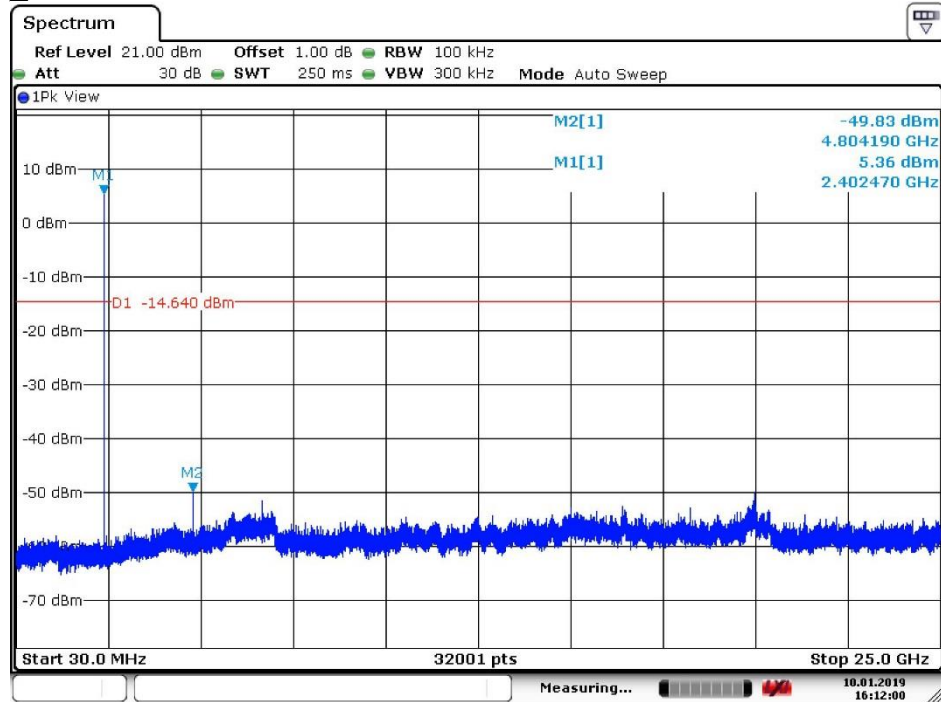
Date: 10. JAN. 2019 16:15:56

GFSK _Highest Channel



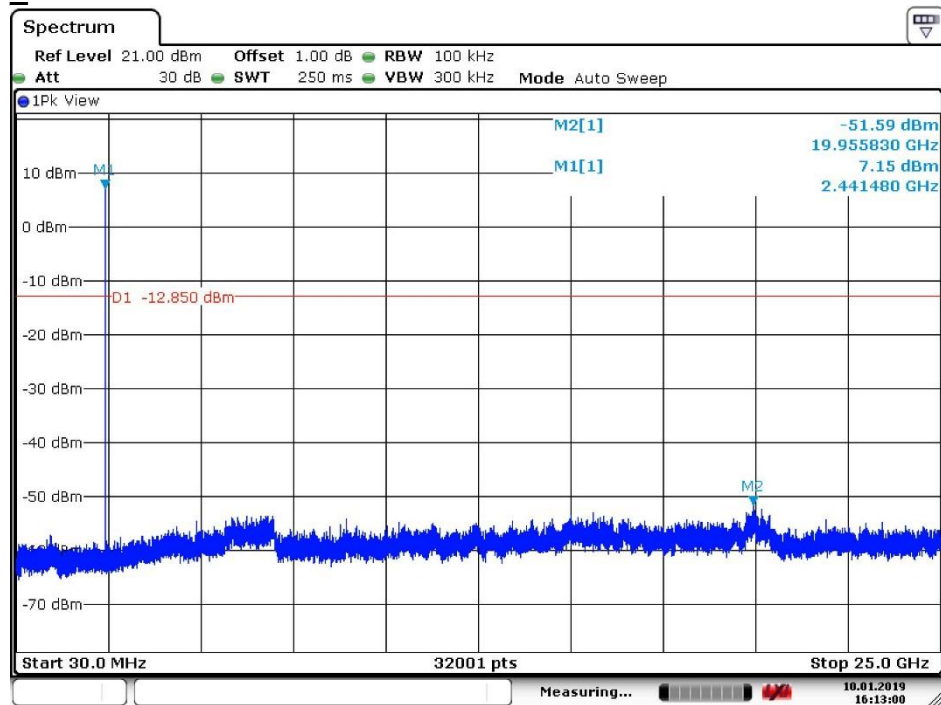
Date: 10. JAN. 2019 16:15:08

$\pi/4$ DQPSK _Lowest Channel



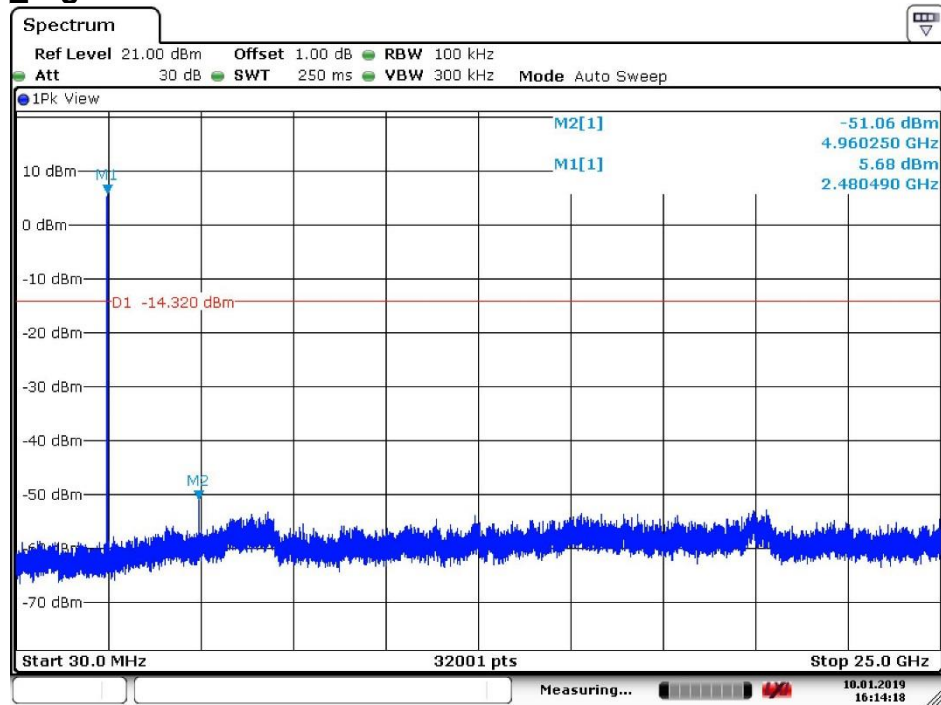
Date: 10.JAN.2019 16:12:00

$\pi/4$ DQPSK _Middle Channel



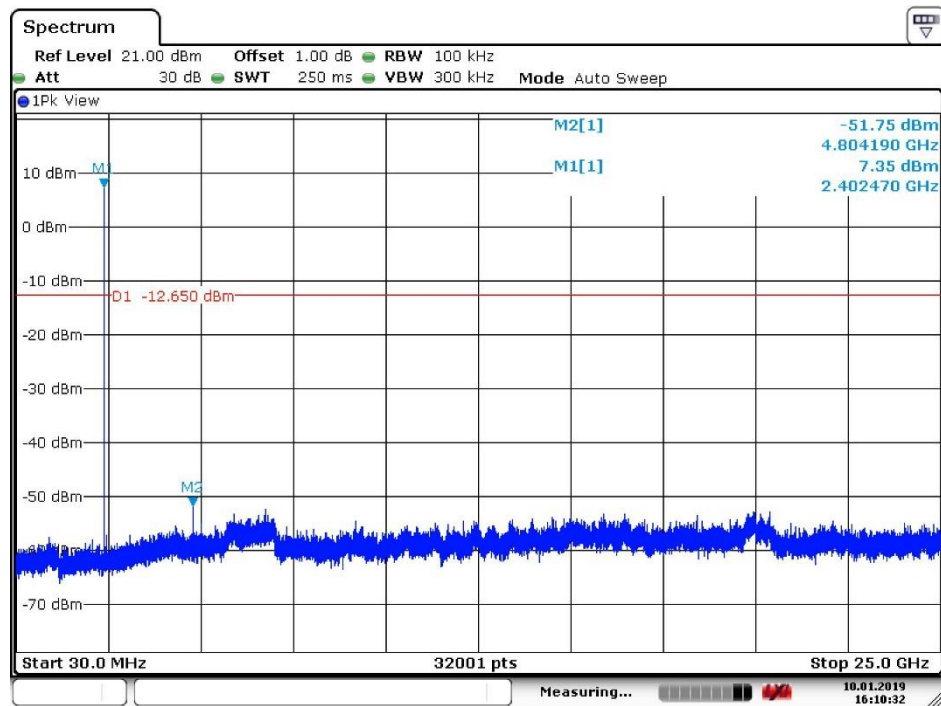
Date: 10.JAN.2019 16:13:00

$\pi/4$ DQPSK_Highest Channel



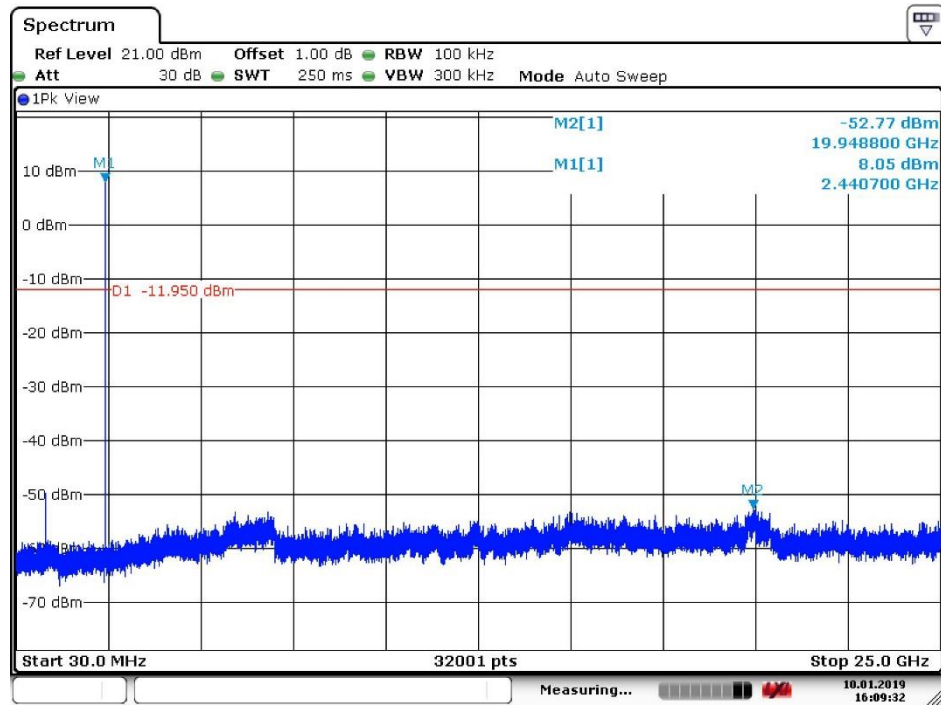
Date: 10.JAN.2019 16:14:18

8DPSK_Lowest Channel



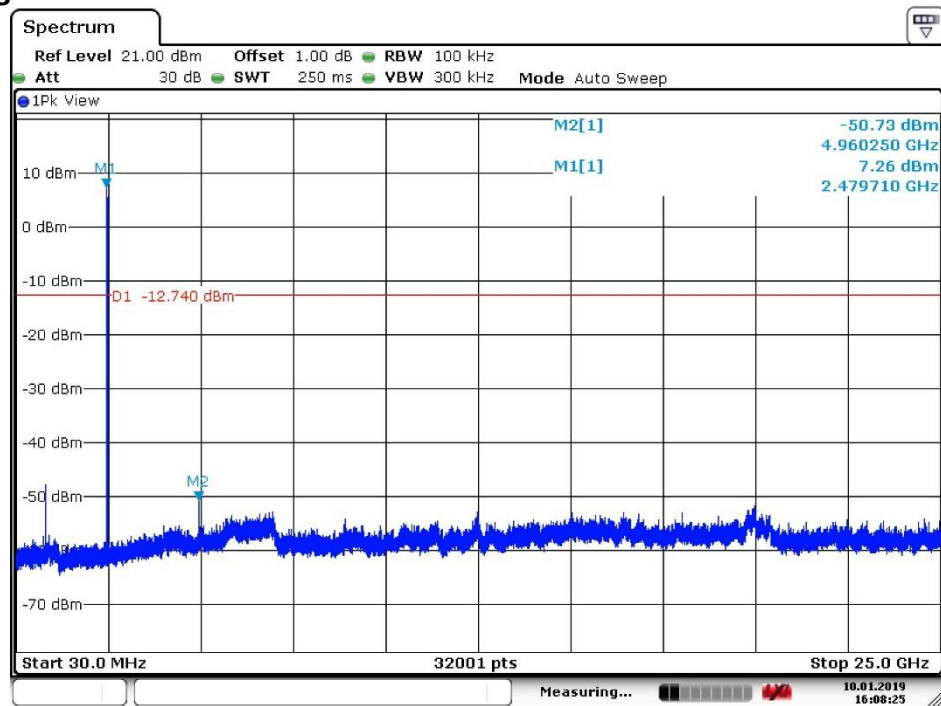
Date: 10.JAN.2019 16:10:32

8DPSK _Middle Channel



Date: 10.JAN.2019 16:09:33

8DPSK _Highest Channel



Date: 10.JAN.2019 16:08:26

Remark:

Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.