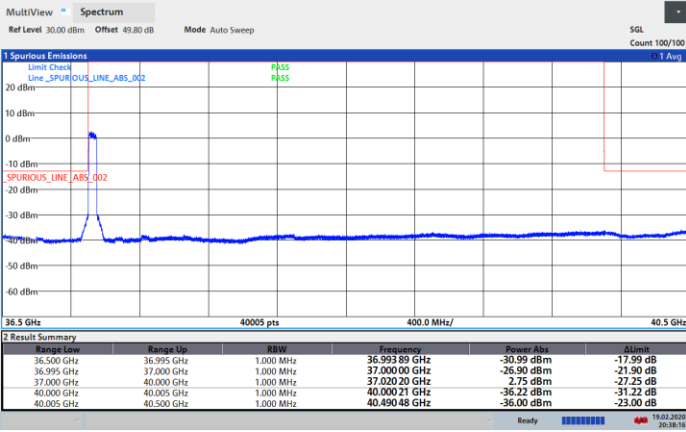




Module 0

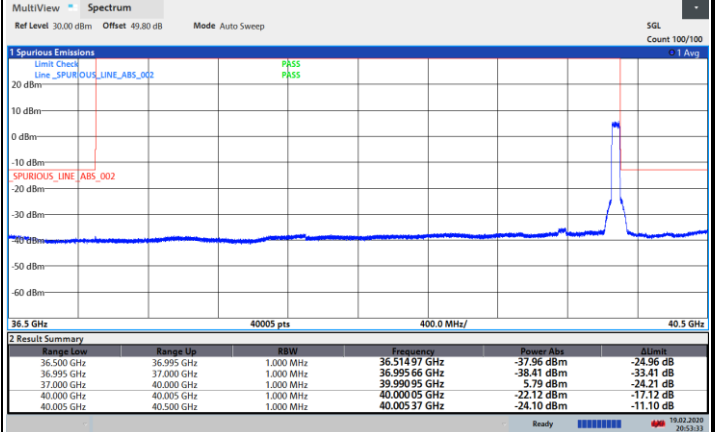
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



20:38:17 19. 02. 2020

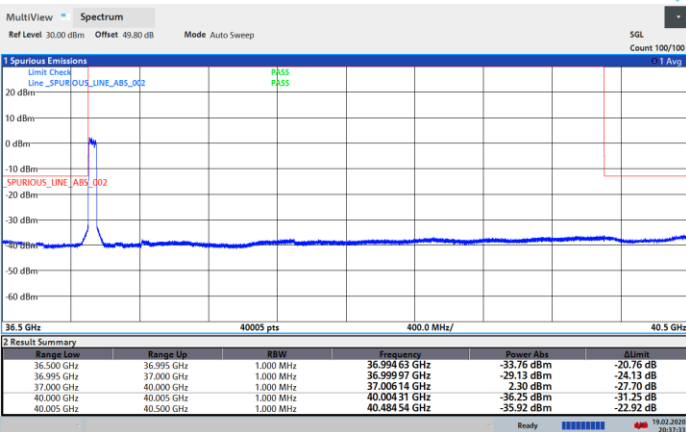
Highest Band Edge / Full RB



20:53:34 19. 02. 2020

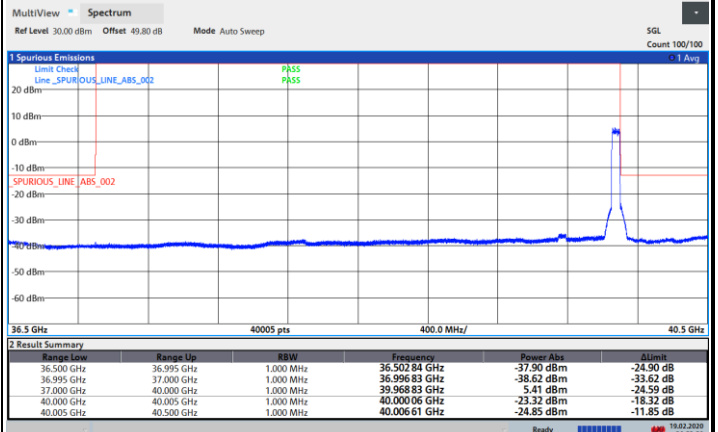
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



20:37:34 19. 02. 2020

Highest Band Edge / Full RB



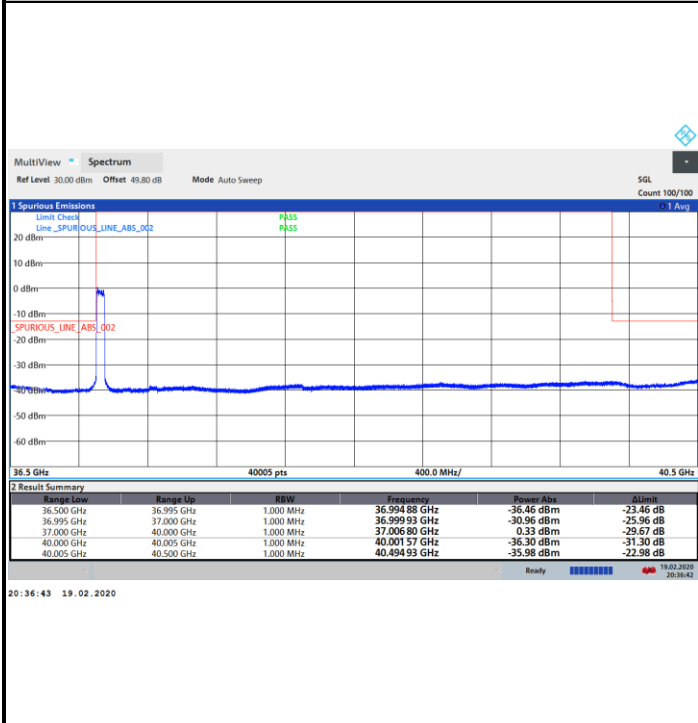
20:52:59 19. 02. 2020



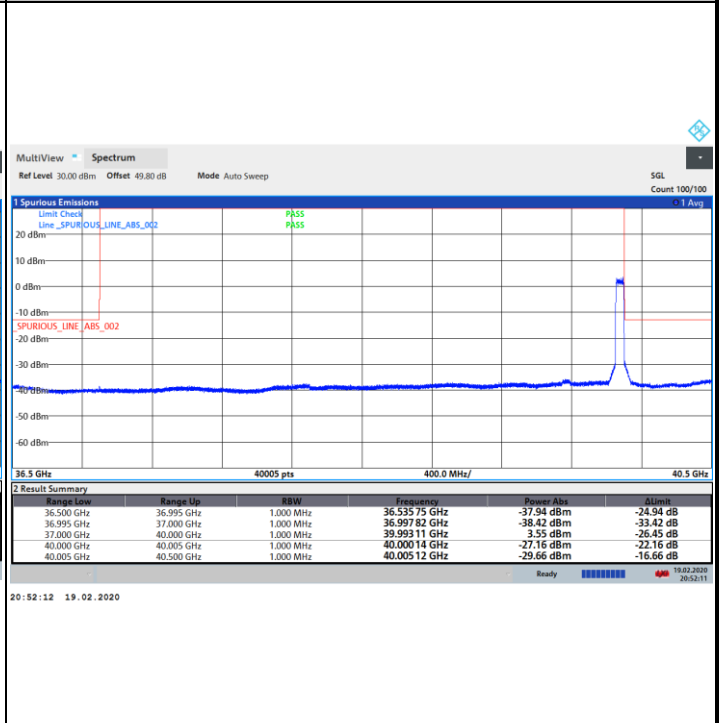
Module 0

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

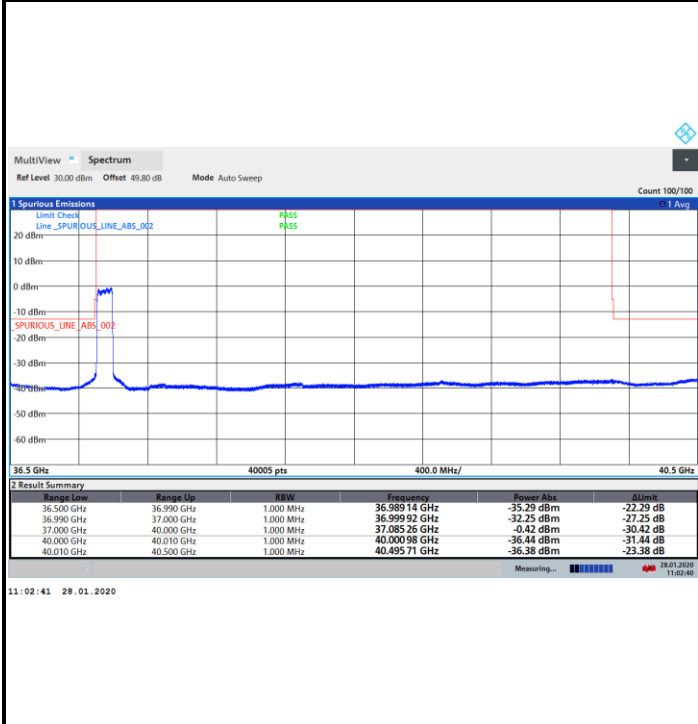


Highest Band Edge / Full RB

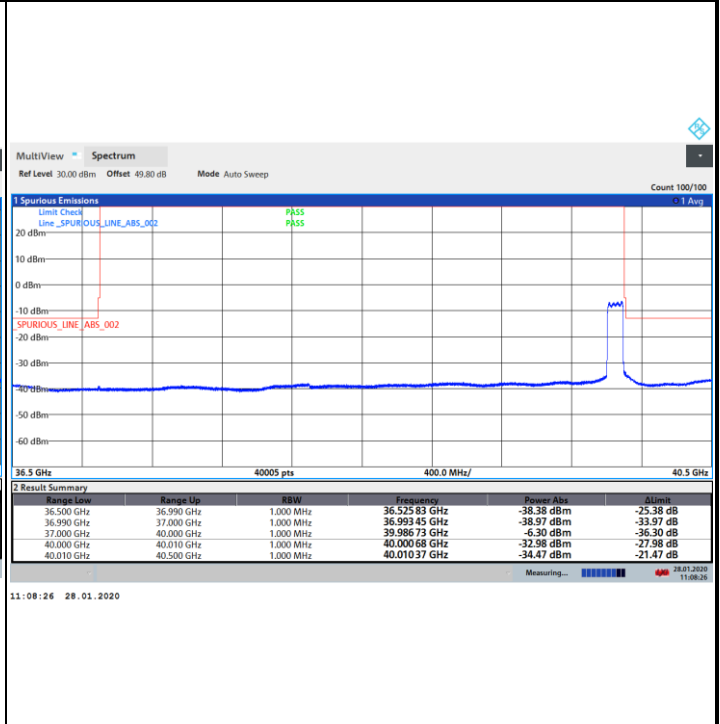


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

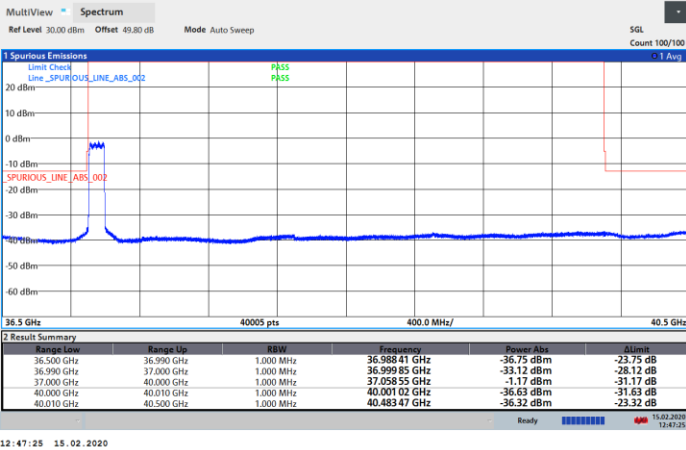




Module 0

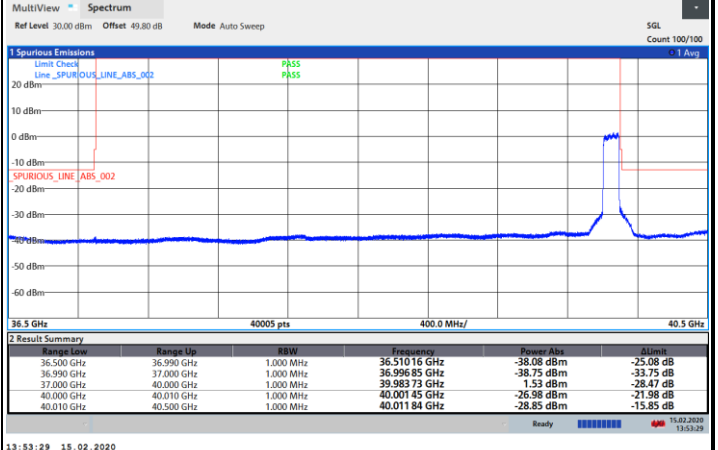
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



12:47:25 15.02.2020

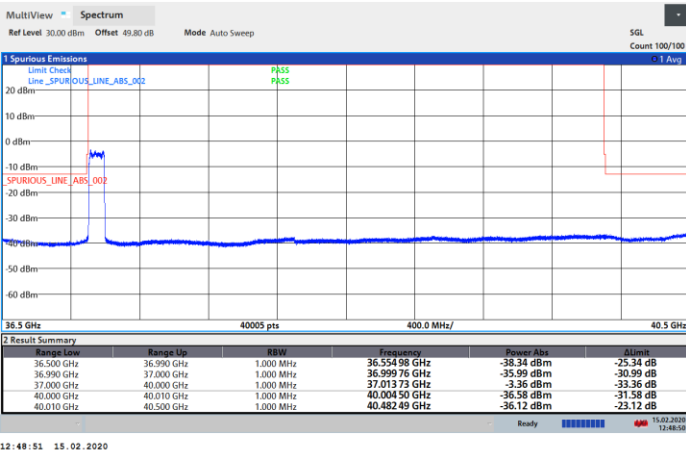
Highest Band Edge / Full RB



13:53:29 15.02.2020

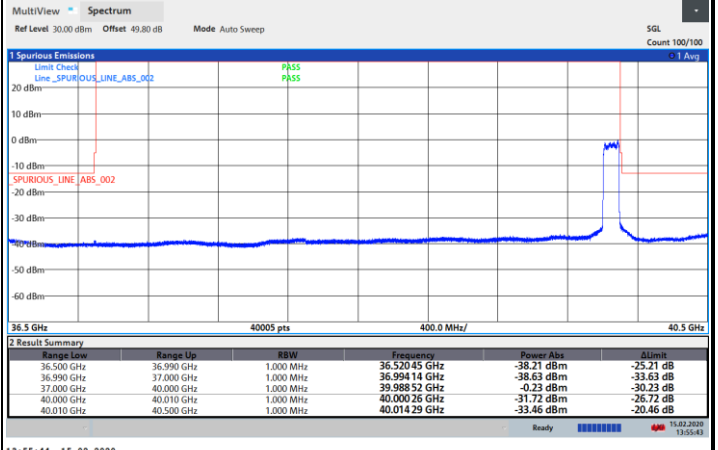
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



12:48:51 15.02.2020

Highest Band Edge / Full RB



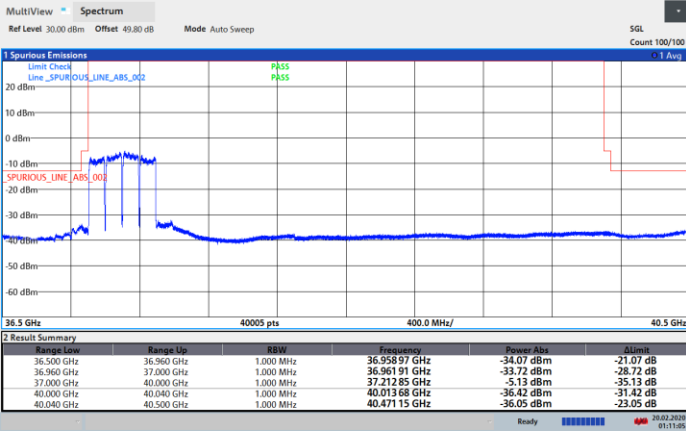
13:55:44 15.02.2020



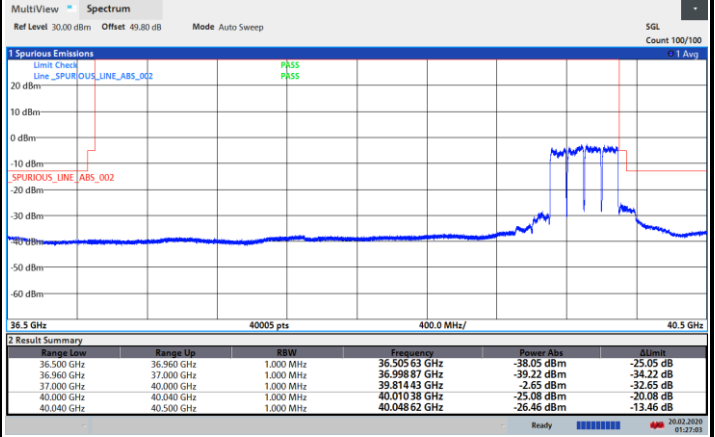
Module 0

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

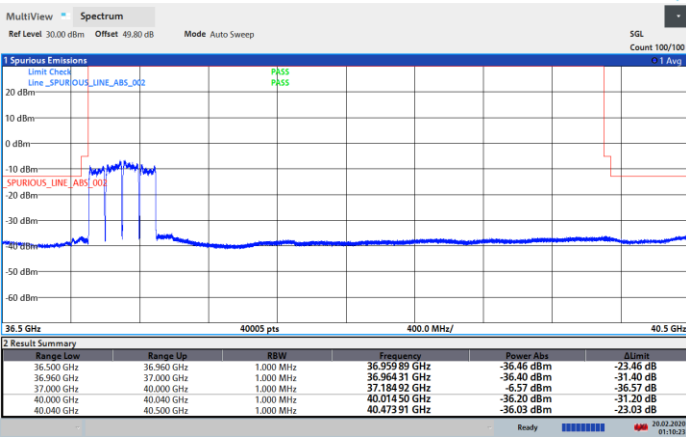


Highest Band Edge / Full RB

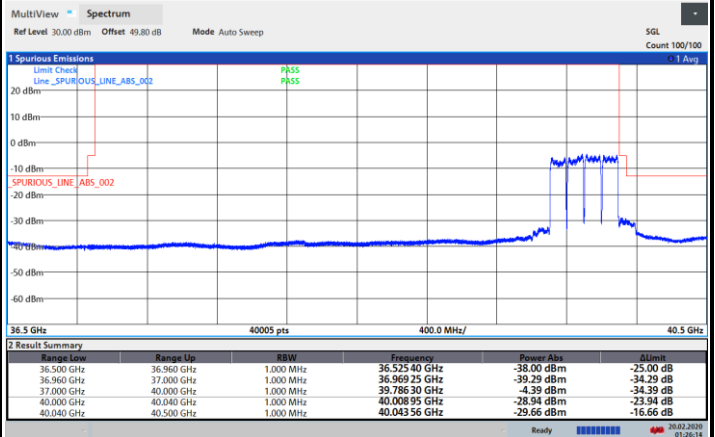


NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



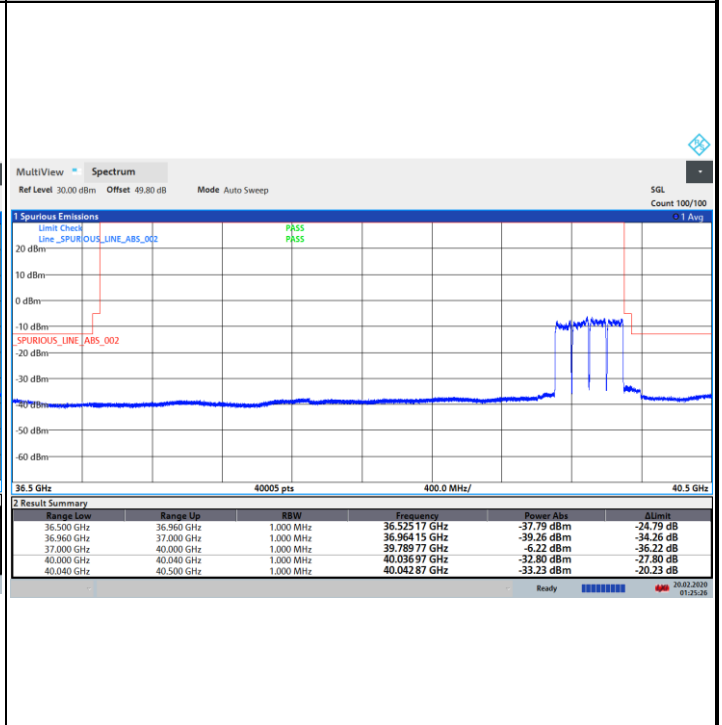
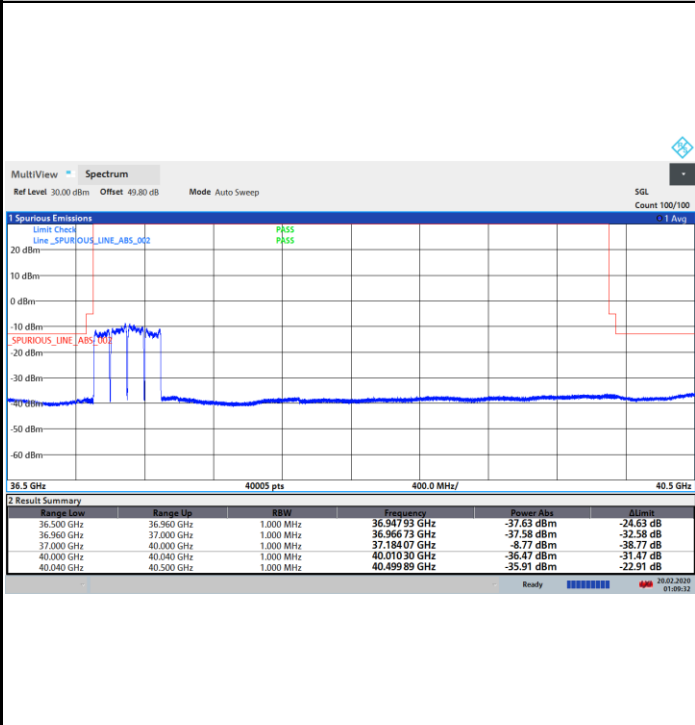


Module 0

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



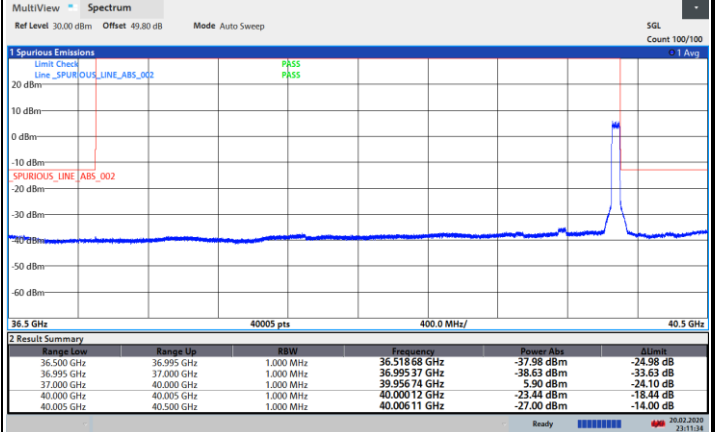
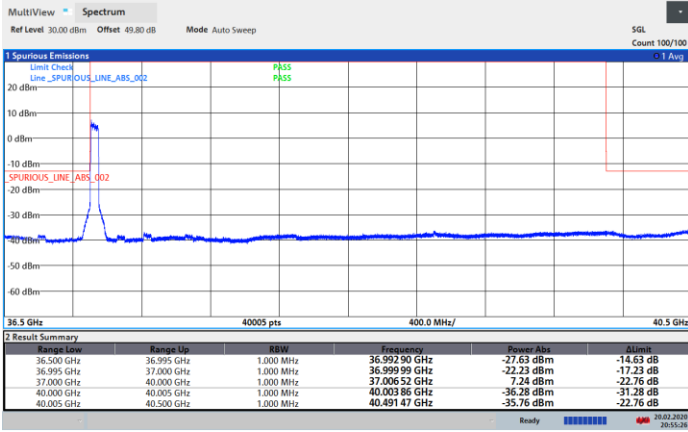


Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

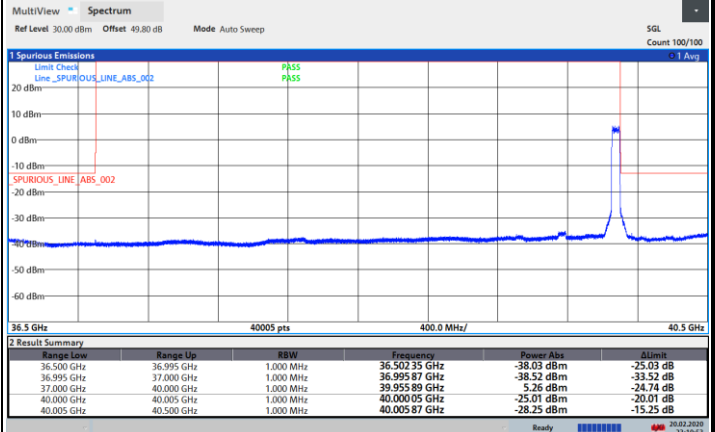
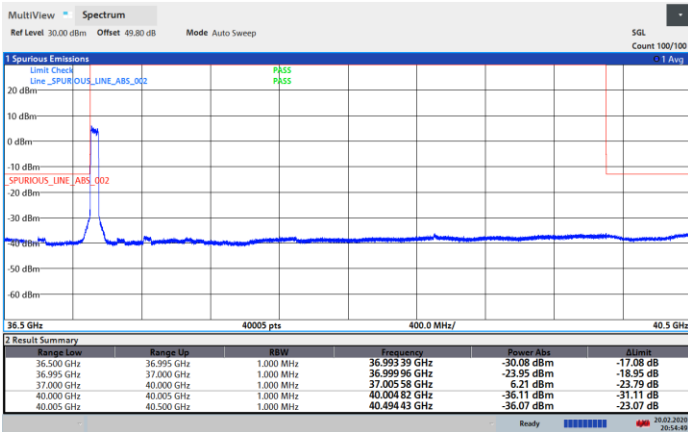
Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

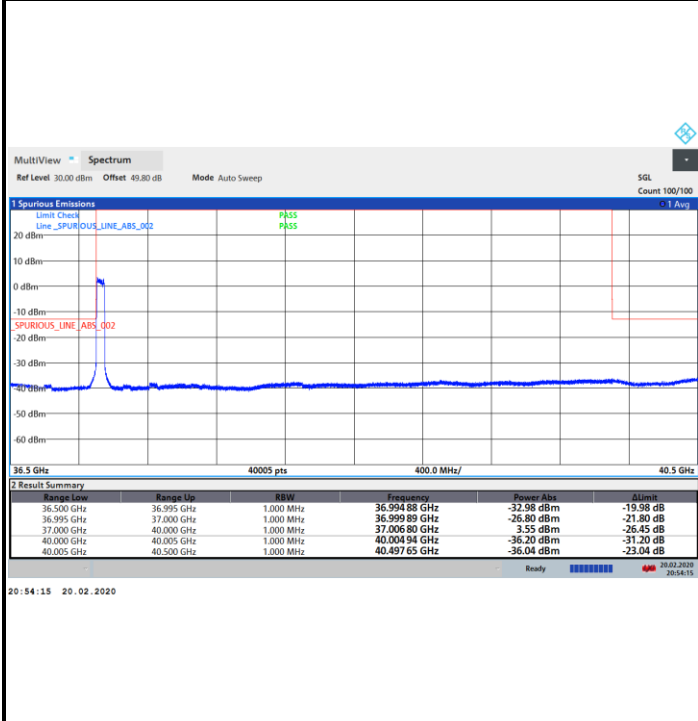




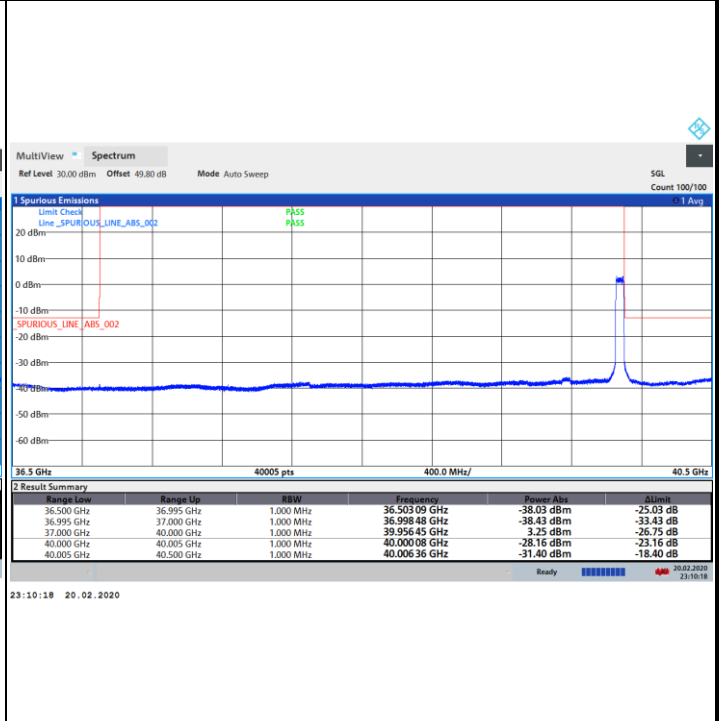
Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

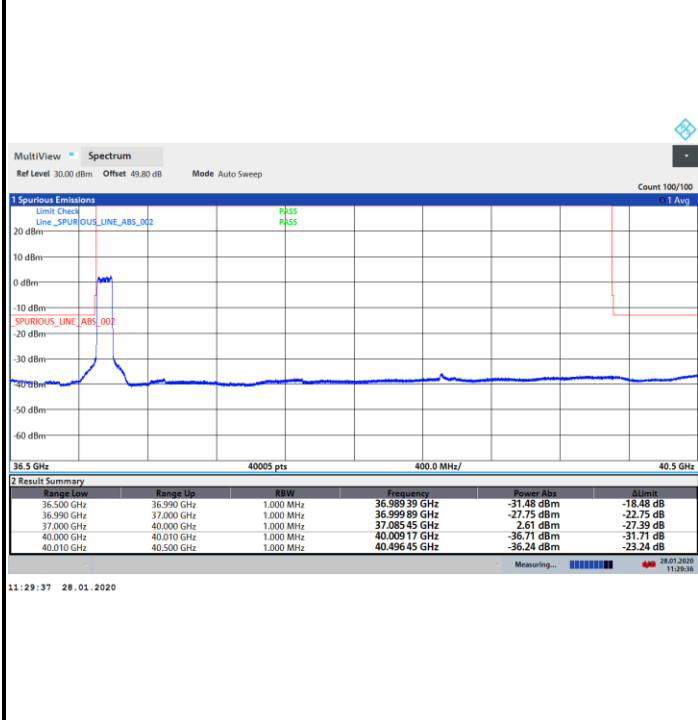


Highest Band Edge / Full RB

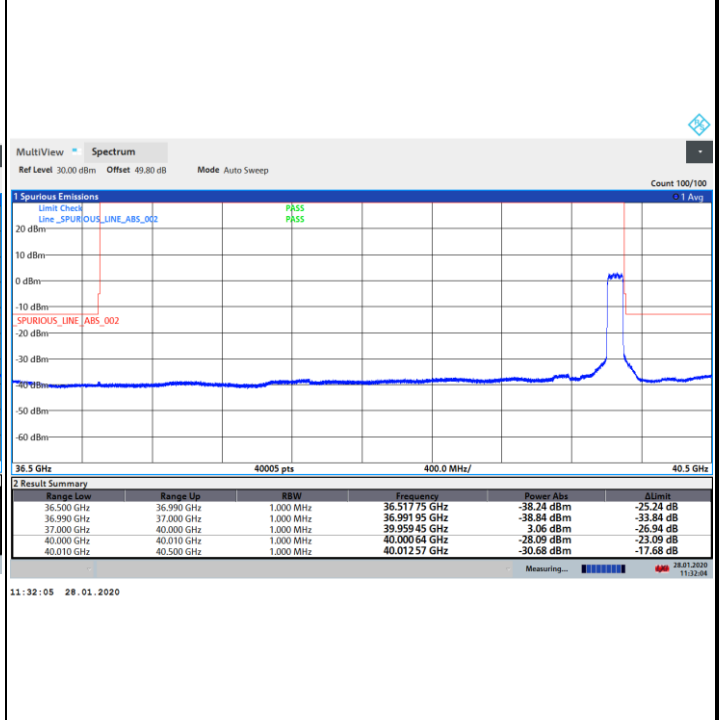


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

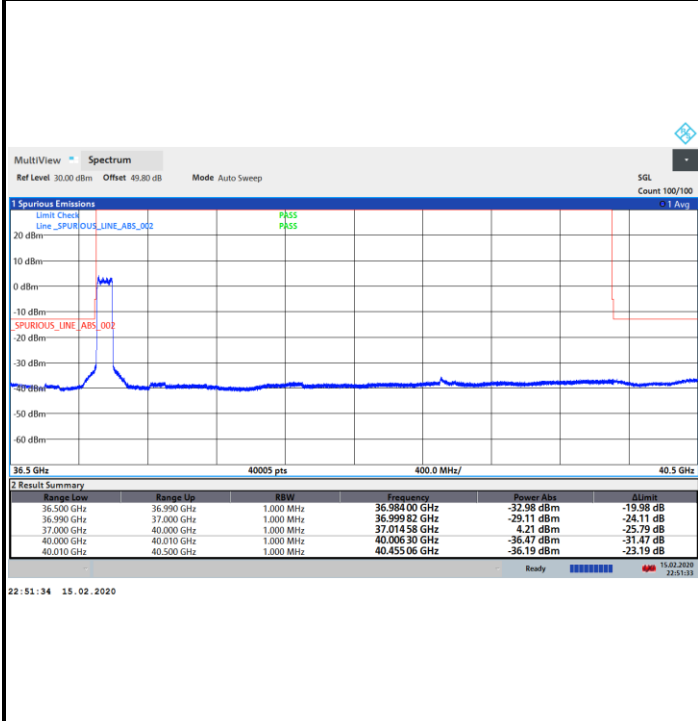




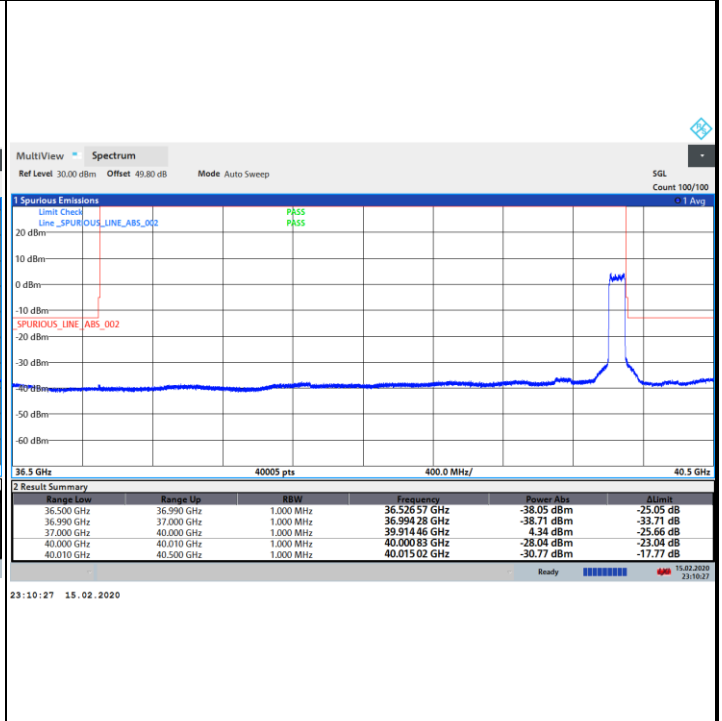
Module 1

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

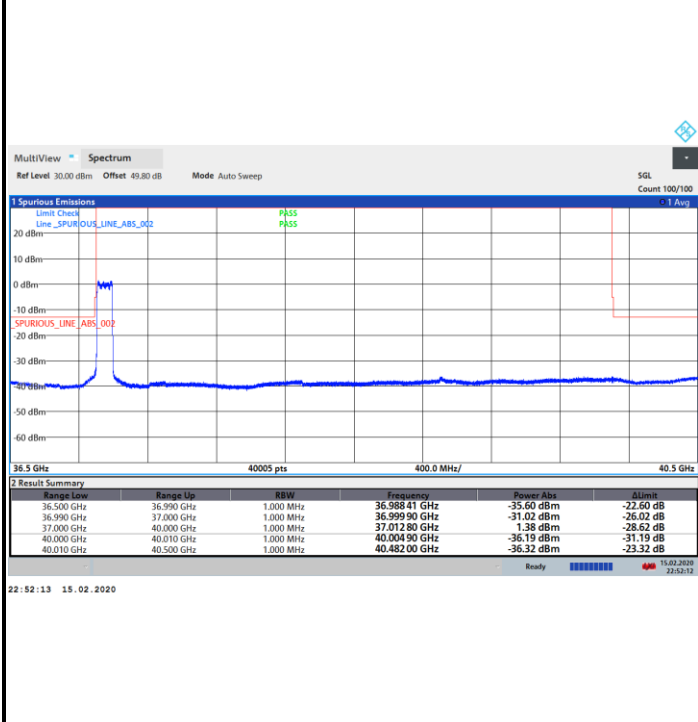


Highest Band Edge / Full RB

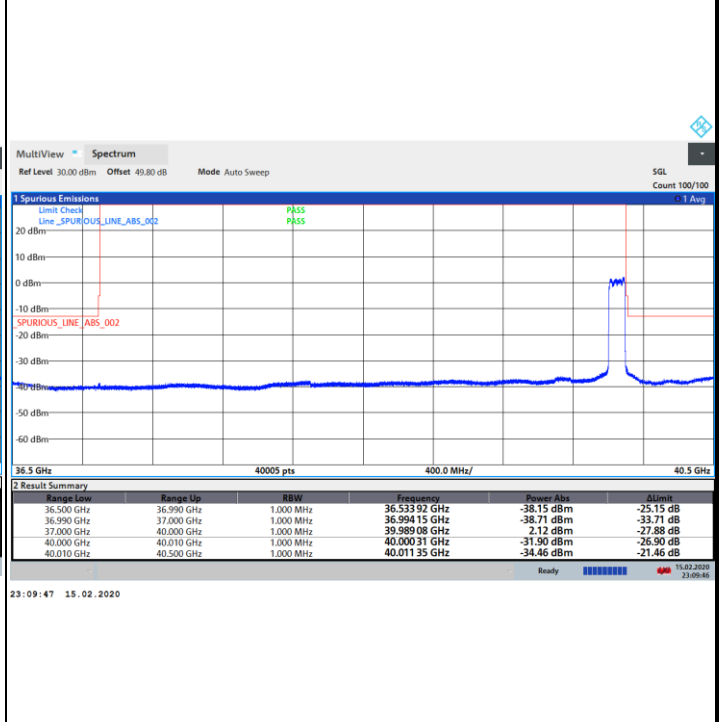


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



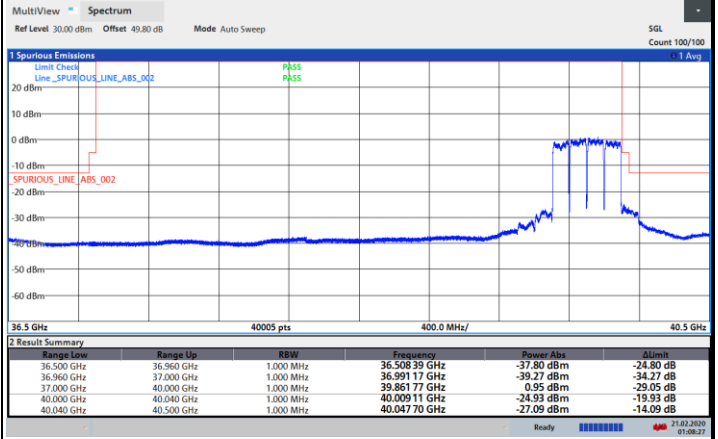
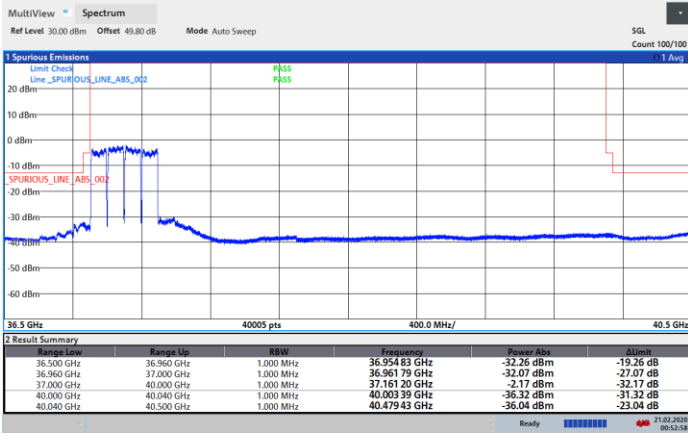


Module 1

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

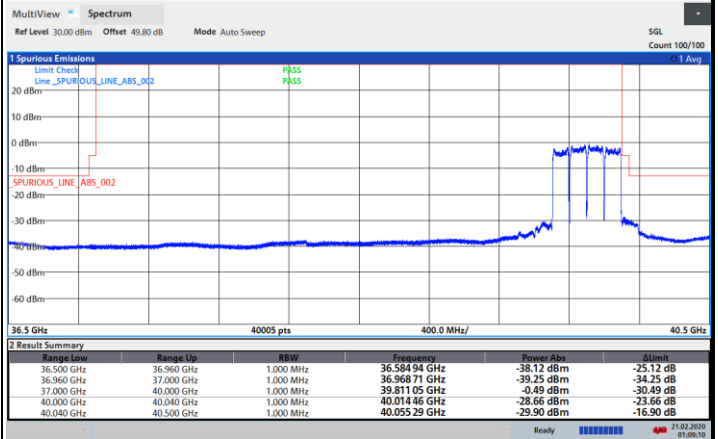
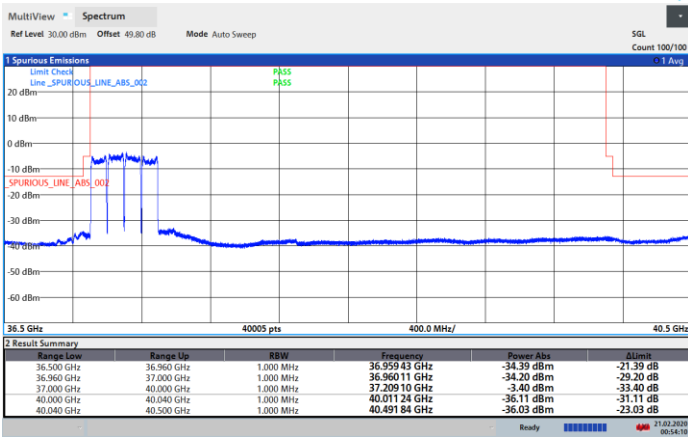
Highest Band Edge / Full RB



NR Band n260 / 400MHz / 16QAM

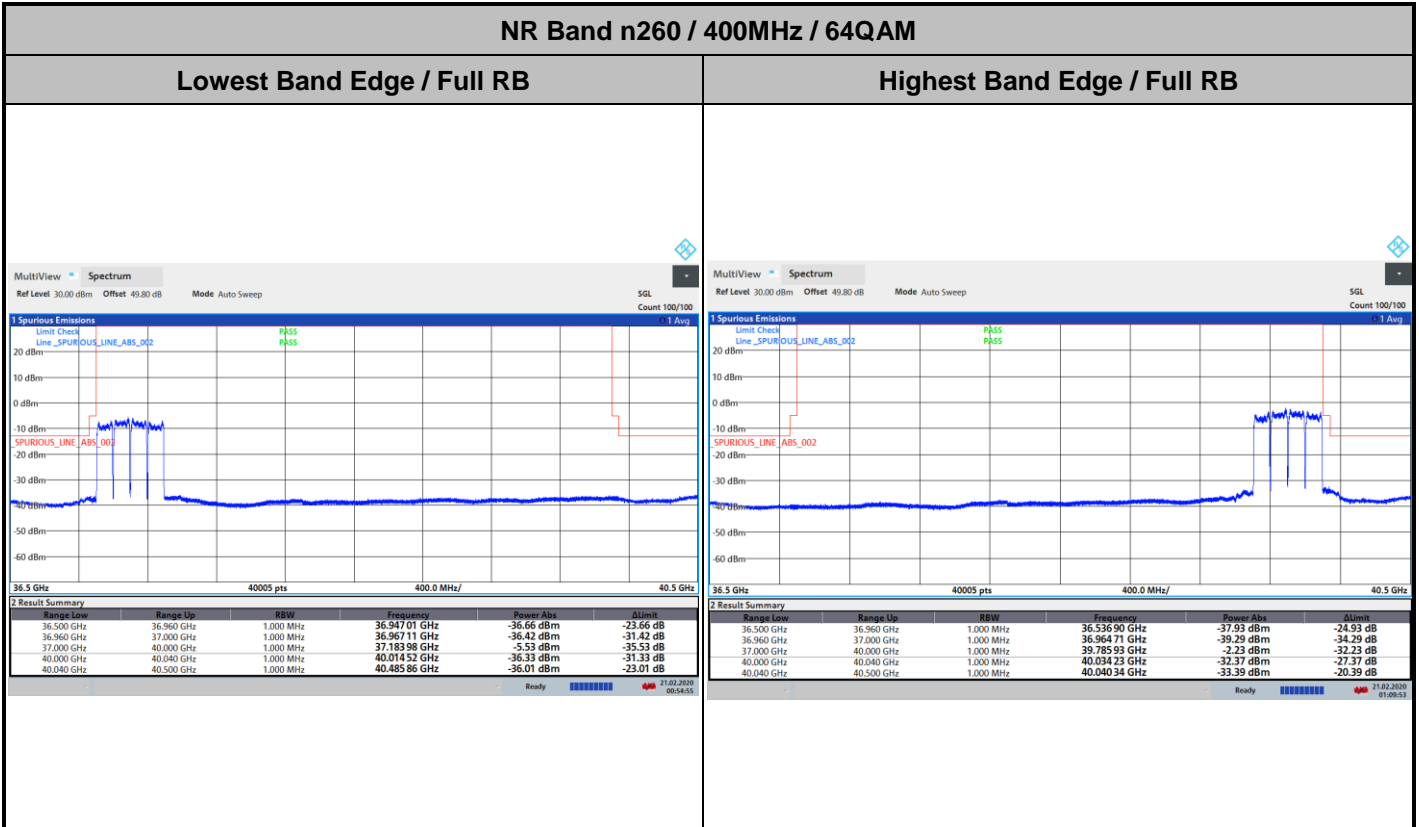
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





Module 1

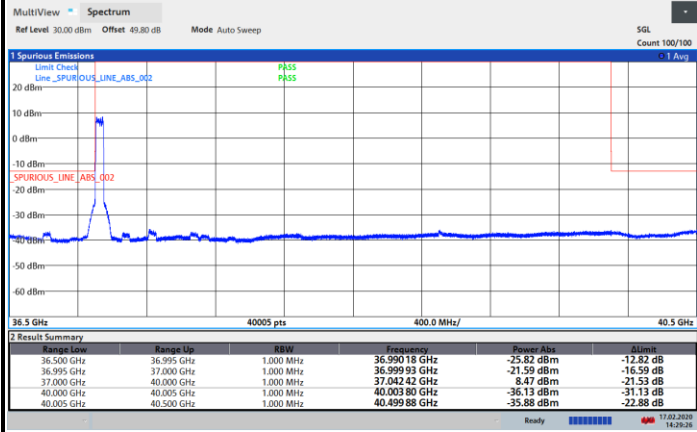




Module 2

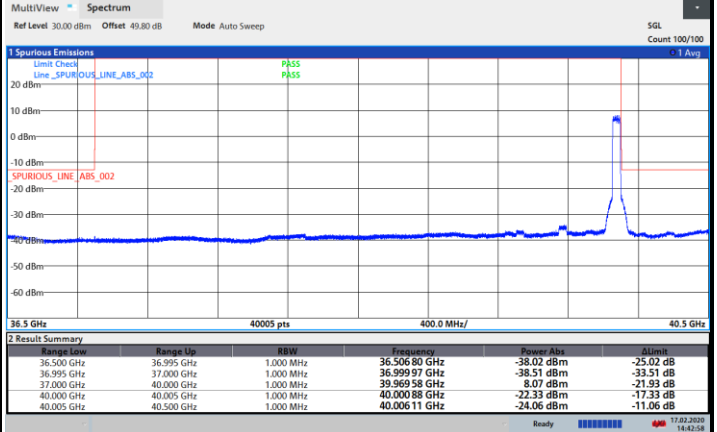
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



14:29:27 17.02.2020

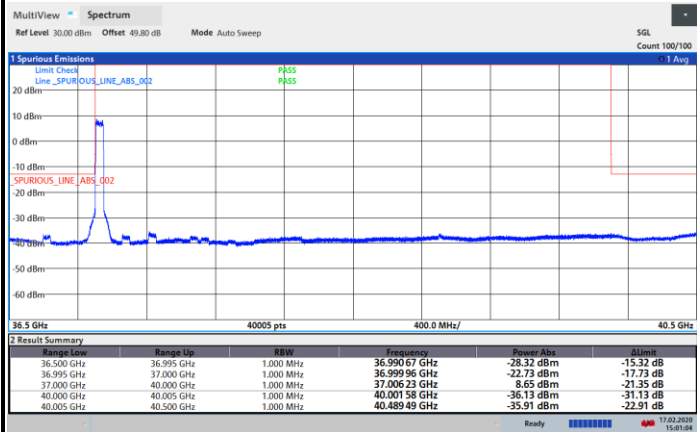
Highest Band Edge / Full RB



14:42:58 17.02.2020

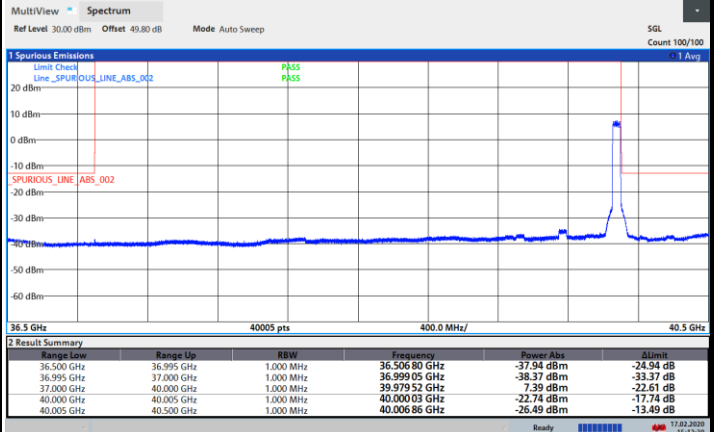
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



15:01:04 17.02.2020

Highest Band Edge / Full RB



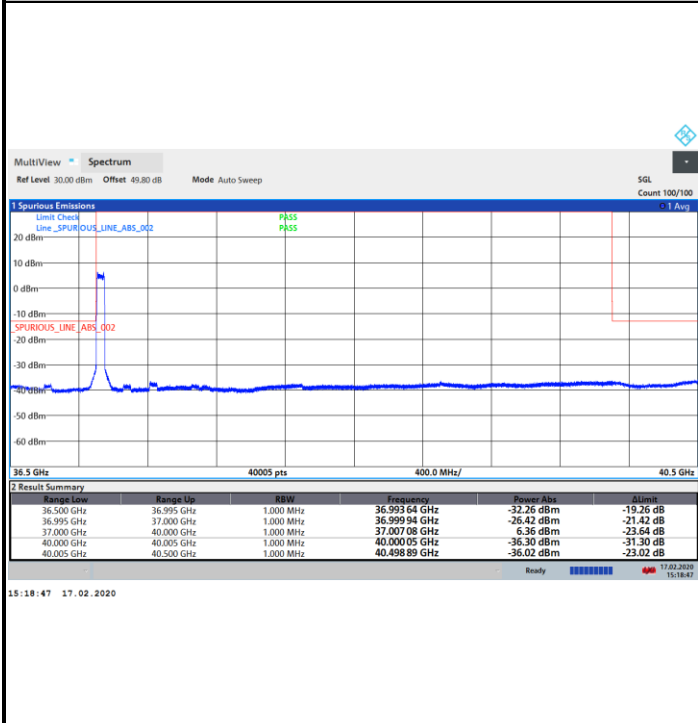
15:12:39 17.02.2020



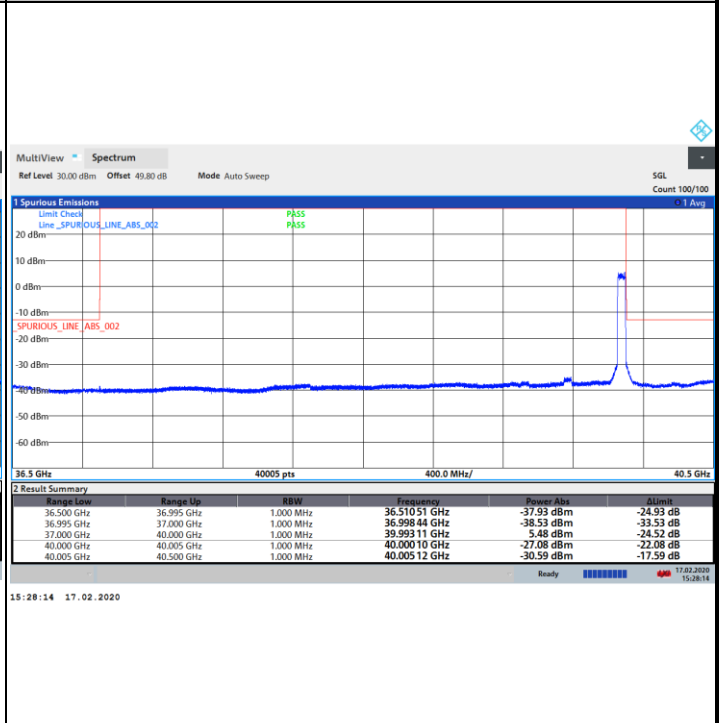
Module 2

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

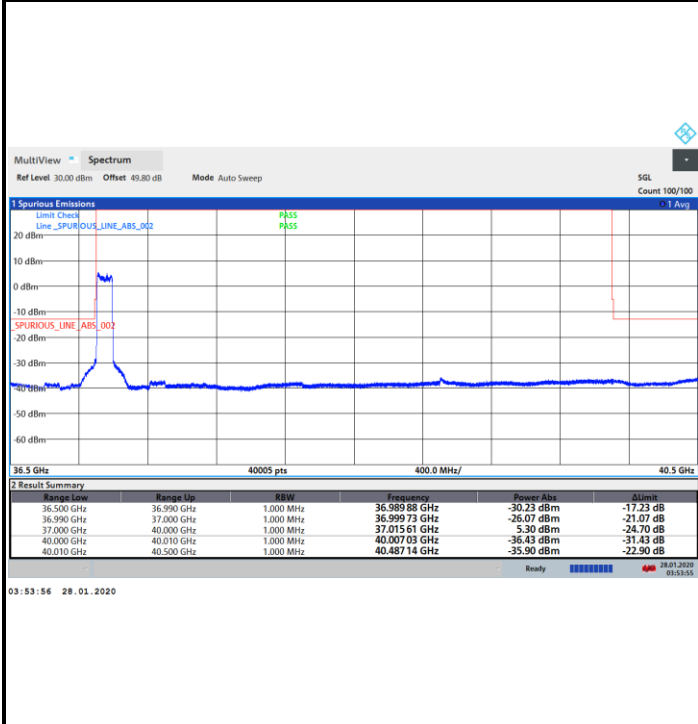


Highest Band Edge / Full RB

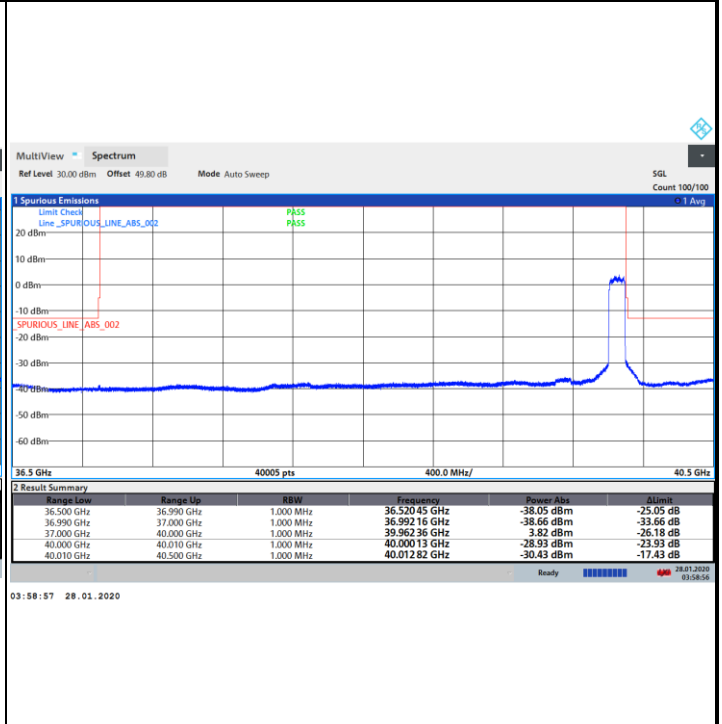


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

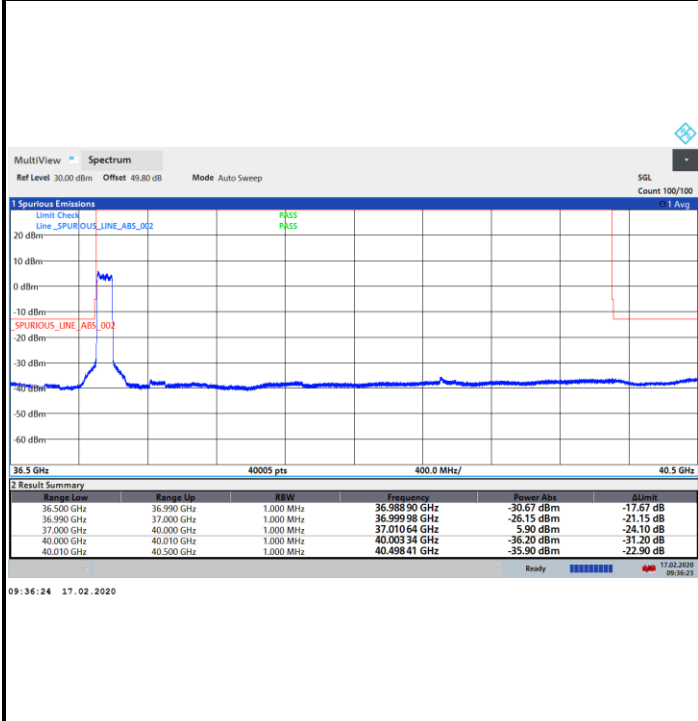




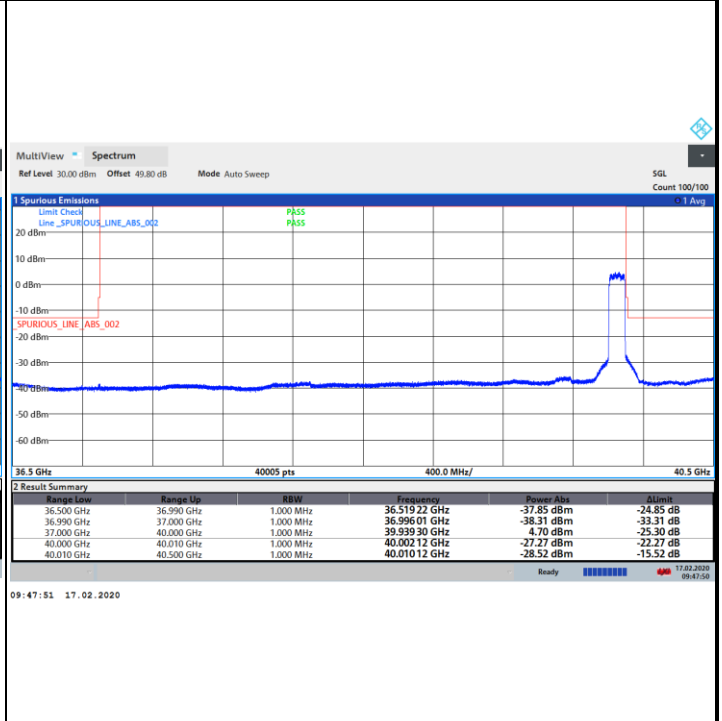
Module 2

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

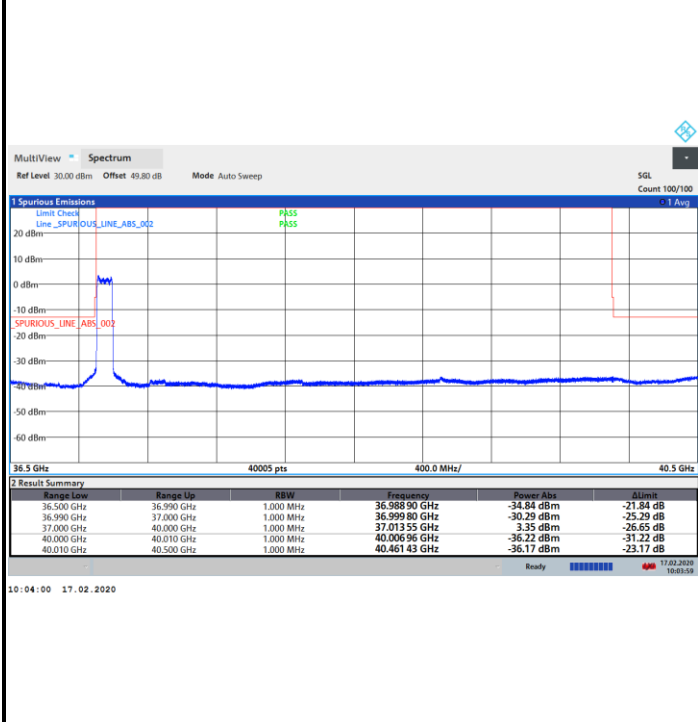


Highest Band Edge / Full RB

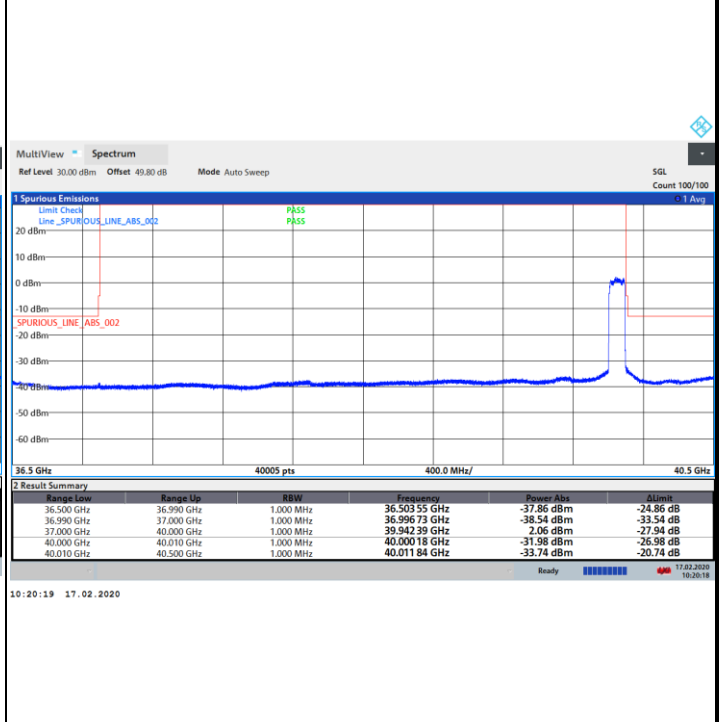


NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



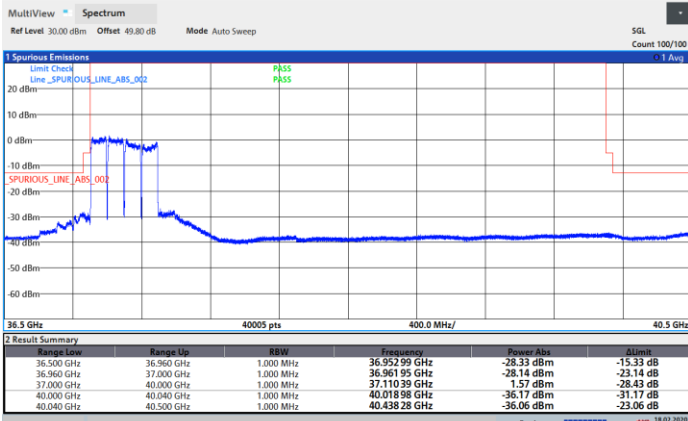


Module 2

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

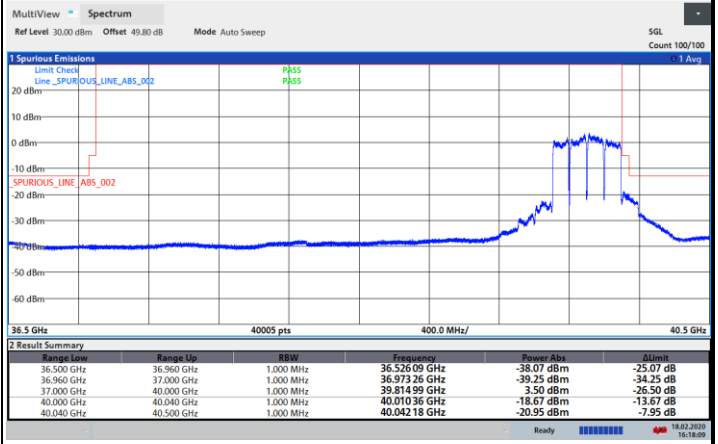
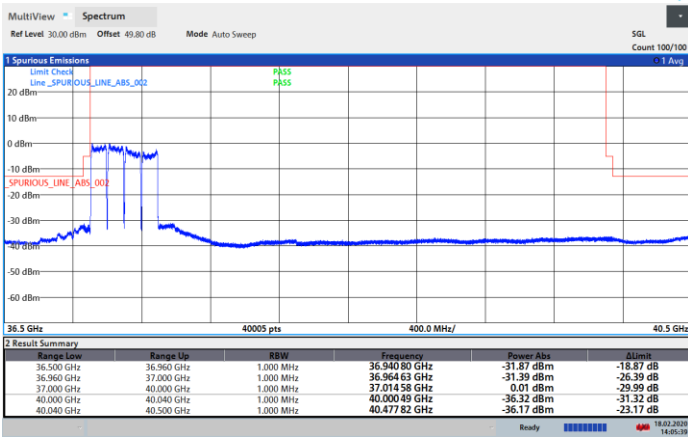
Highest Band Edge / Full RB



NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



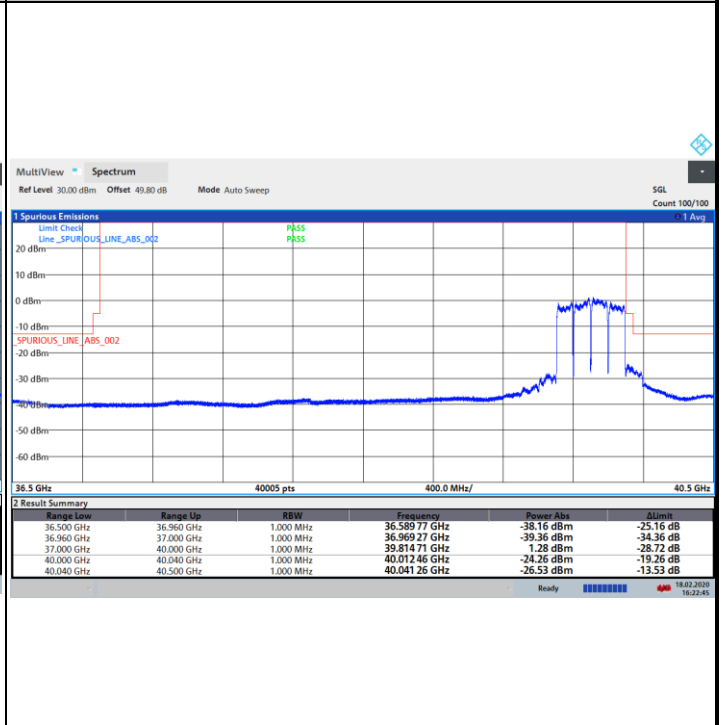


Module 2

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / Full RB

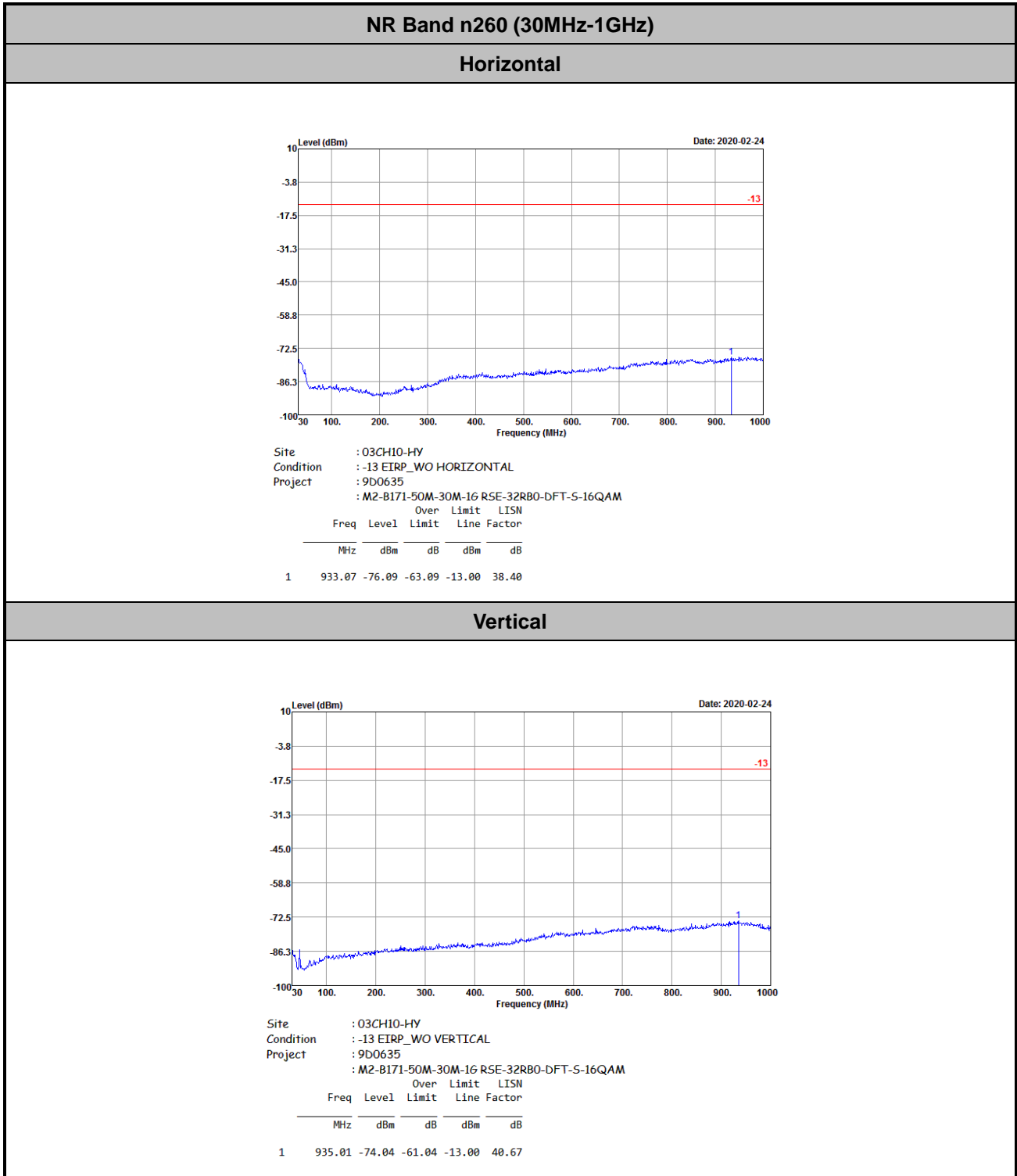
Highest Band Edge / Full RB





Spurious Emission

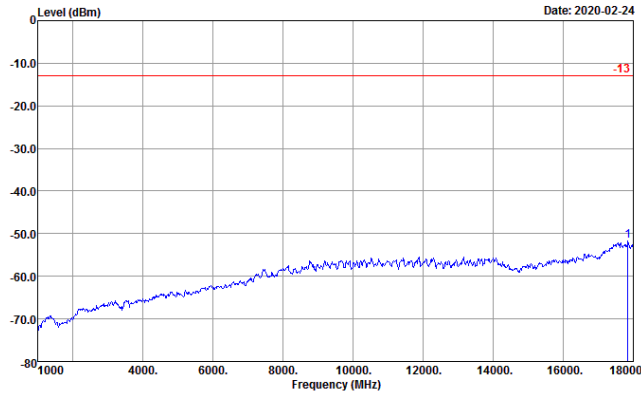
There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz. Only the noise floor is reported.





NR Band n260 (1GHz-18GHz)

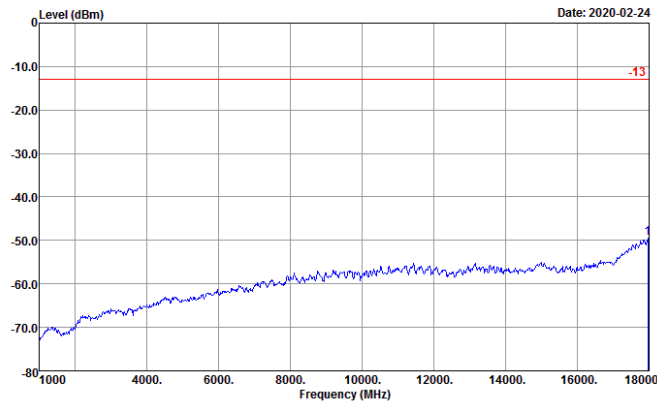
Horizontal



Site : 03CH10-HY
 Condition : -13 EIRP_WO HORIZONTAL
 Project : 9D0635
 : M2-B171-50M-1-18G RSE-32RB0-DFT-S-16QAM

Freq	Level	Over	Limit	LISN
MHz	dBm	dB	dBm	dB
1 17847.00	-51.74	-38.74	-13.00	72.70

Vertical



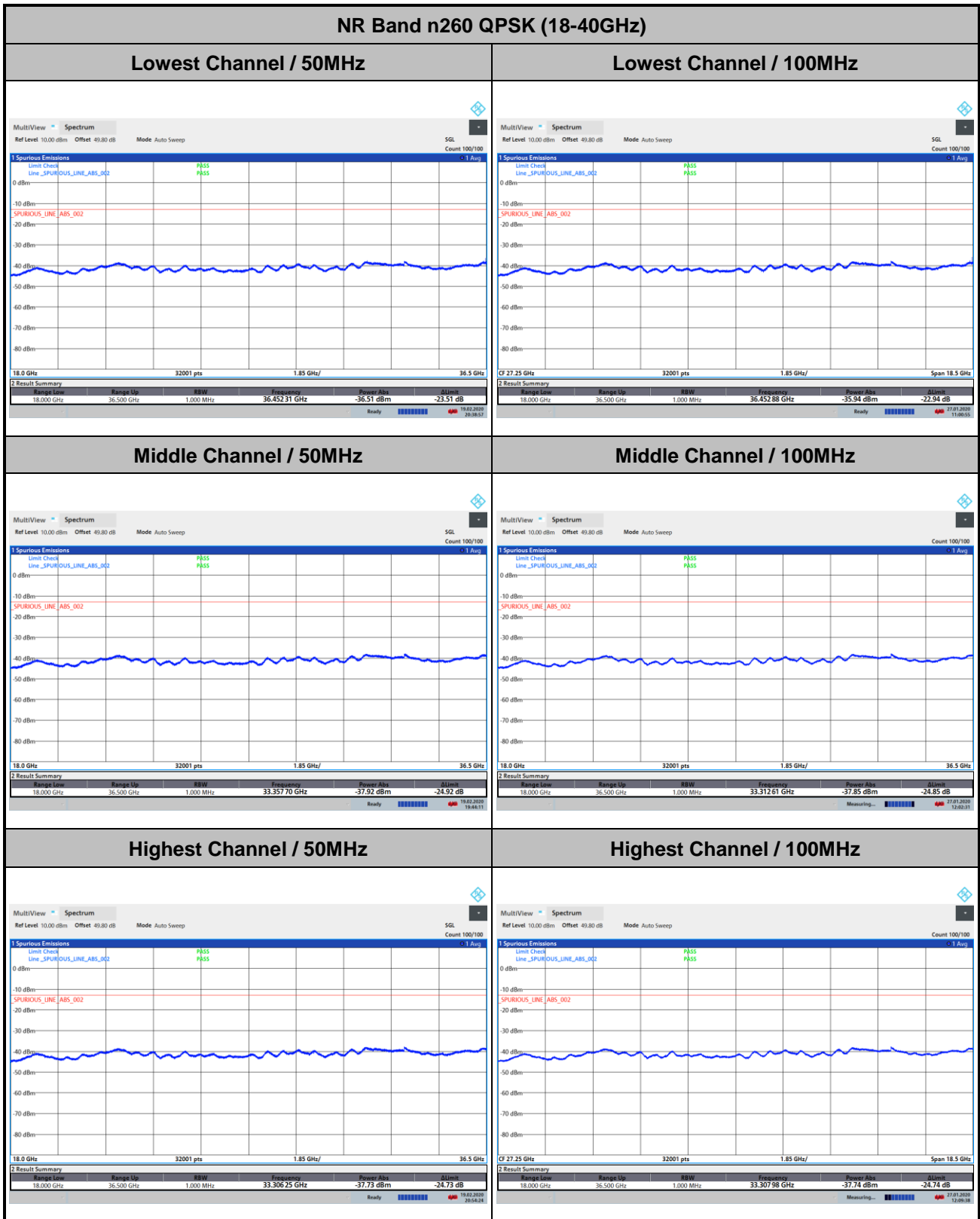
Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 9D0635
 : M2-B171-50M-1-18G RSE-32RB0-DFT-S-16QAM

Freq	Level	Over	Limit	LISN
MHz	dBm	dB	dBm	dB
1 17966.00	-49.43	-36.43	-13.00	75.70



Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

Module 0



Remark: In band and out of band frequencies are omitted.



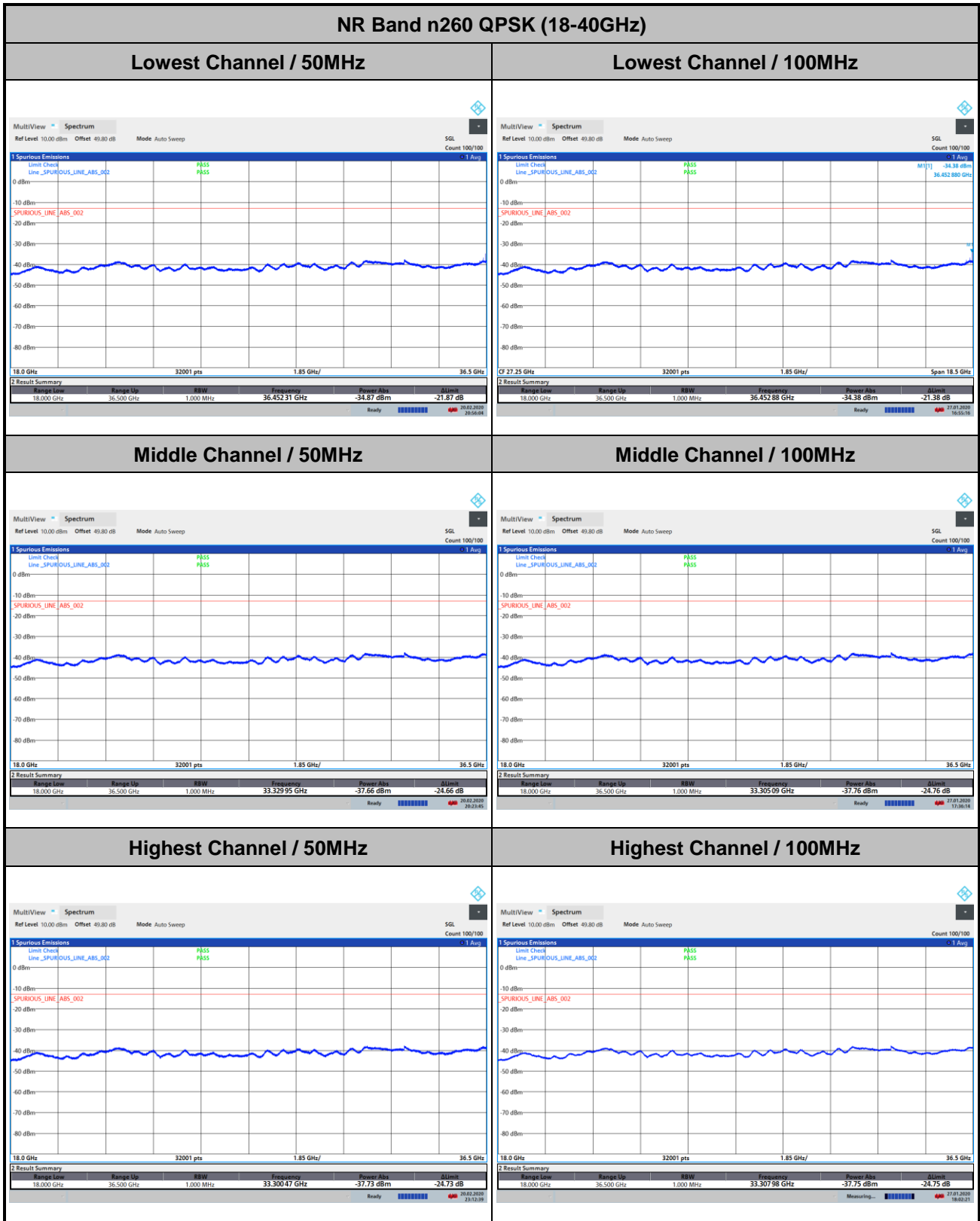
Module 0

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Allim 18.000 GHz 36.500 GHz 1.000 MHz 33.30162 GHz -37.72 dBm -24.72 dB Ready</p>	intentionally blank
Middle Channel / 400MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Allim 18.000 GHz 36.500 GHz 1.000 MHz 33.32475 GHz -37.65 dBm -24.65 dB Ready</p>	intentionally blank
Highest Channel / 400MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Allim 18.000 GHz 36.500 GHz 1.000 MHz 33.33053 GHz -37.81 dBm -24.81 dB Ready</p>	intentionally blank

Remark: In band and out of band frequencies are omitted.



Module 1



Remark: In band and out of band frequencies are omitted.



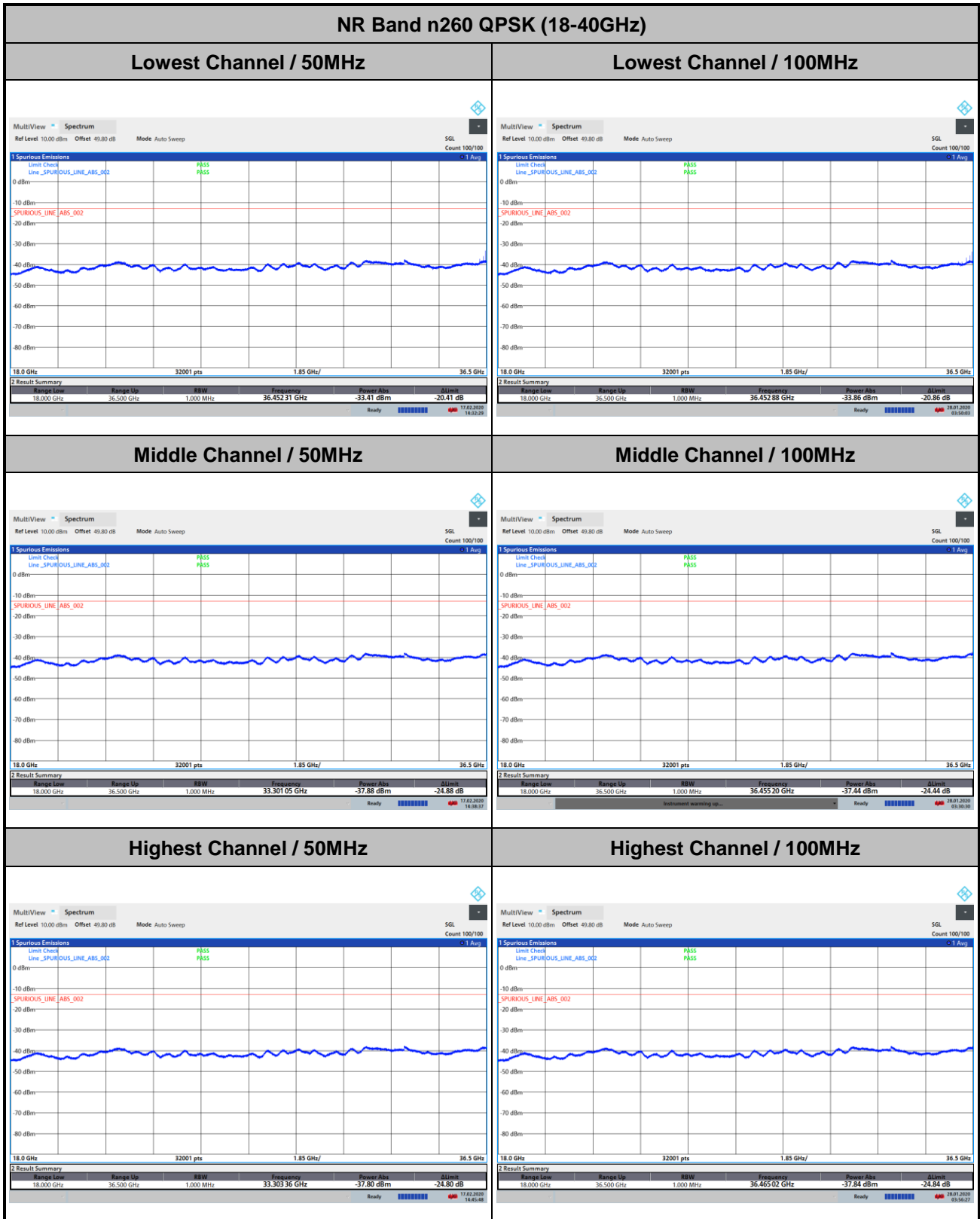
Module 1

NR Band n260 QPSK (18-40GHz)	
<p>Lowest Channel / 400MHz</p> <p>intentionally blank</p>	
<p>Middle Channel / 400MHz</p> <p>intentionally blank</p>	
<p>Highest Channel / 400MHz</p> <p>intentionally blank</p>	

Remark: In band and out of band frequencies are omitted.



Module 2



Remark: In band and out of band frequencies are omitted.



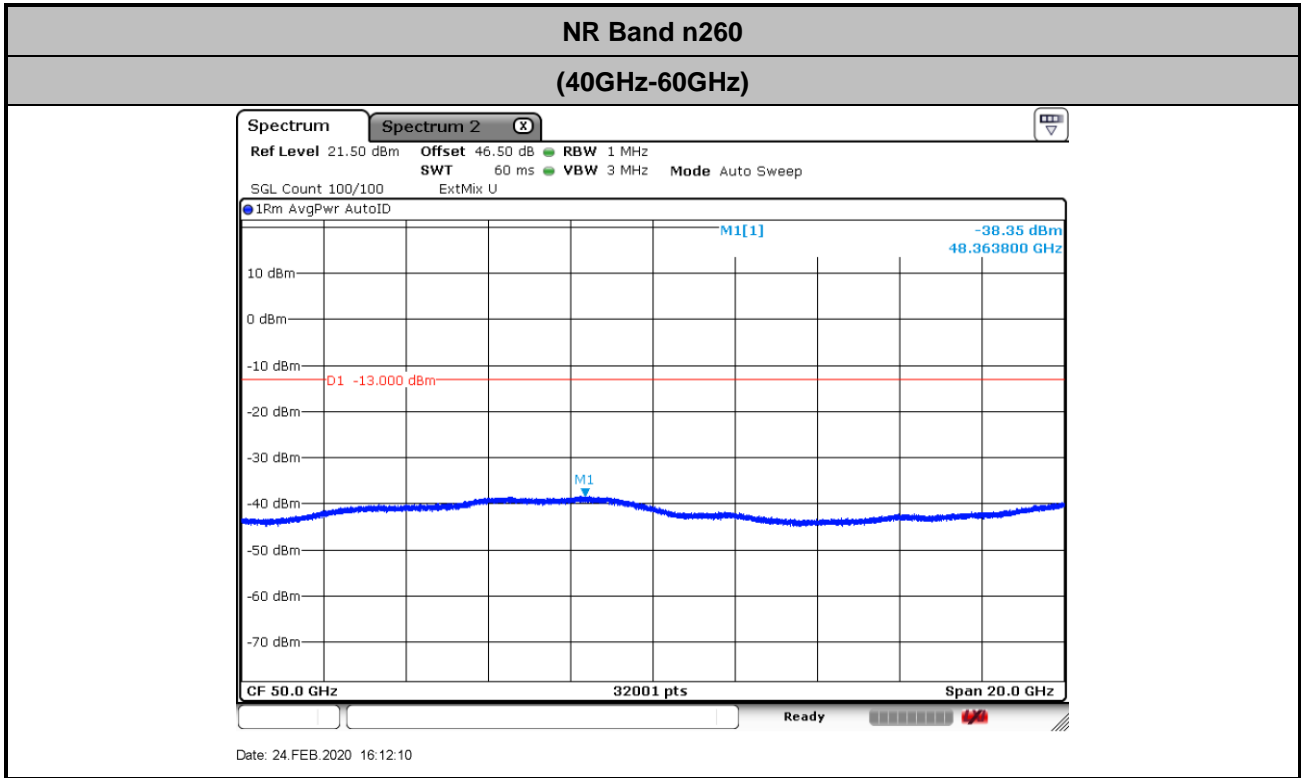
Module 2

NR Band n260 QPSK (18-40GHz)	
<p>Lowest Channel / 400MHz</p> <p>intentionally blank</p>	
<p>Middle Channel / 400MHz</p> <p>intentionally blank</p>	
<p>Highest Channel / 400MHz</p> <p>intentionally blank</p>	

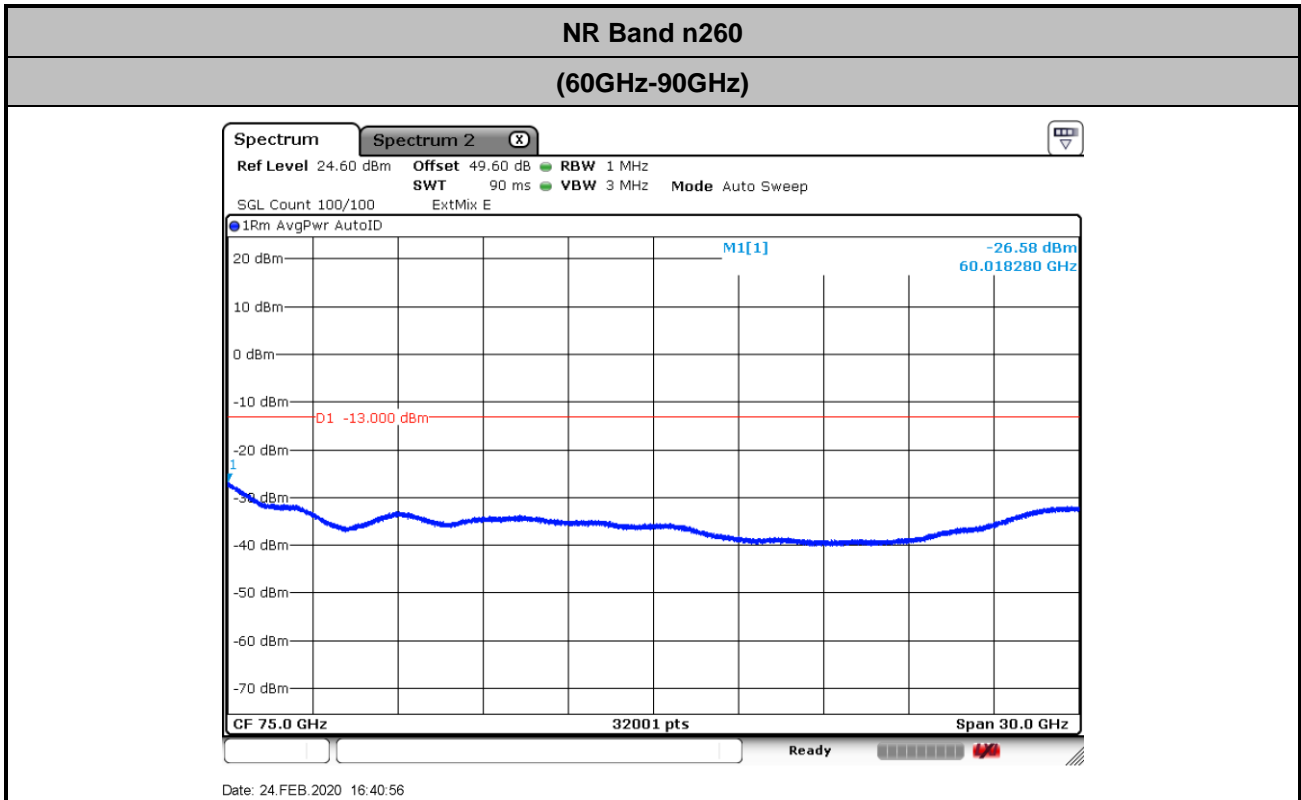
Remark: In band and out of band frequencies are omitted.



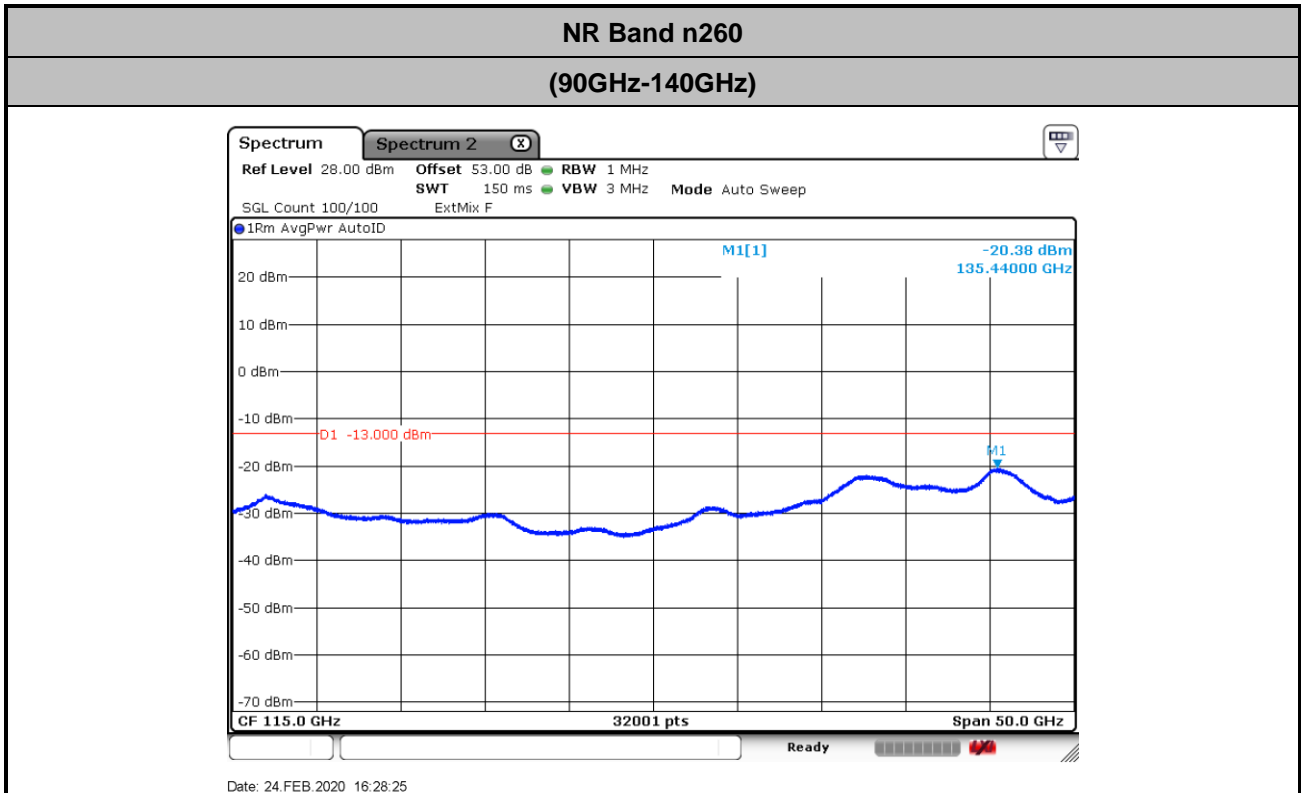
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



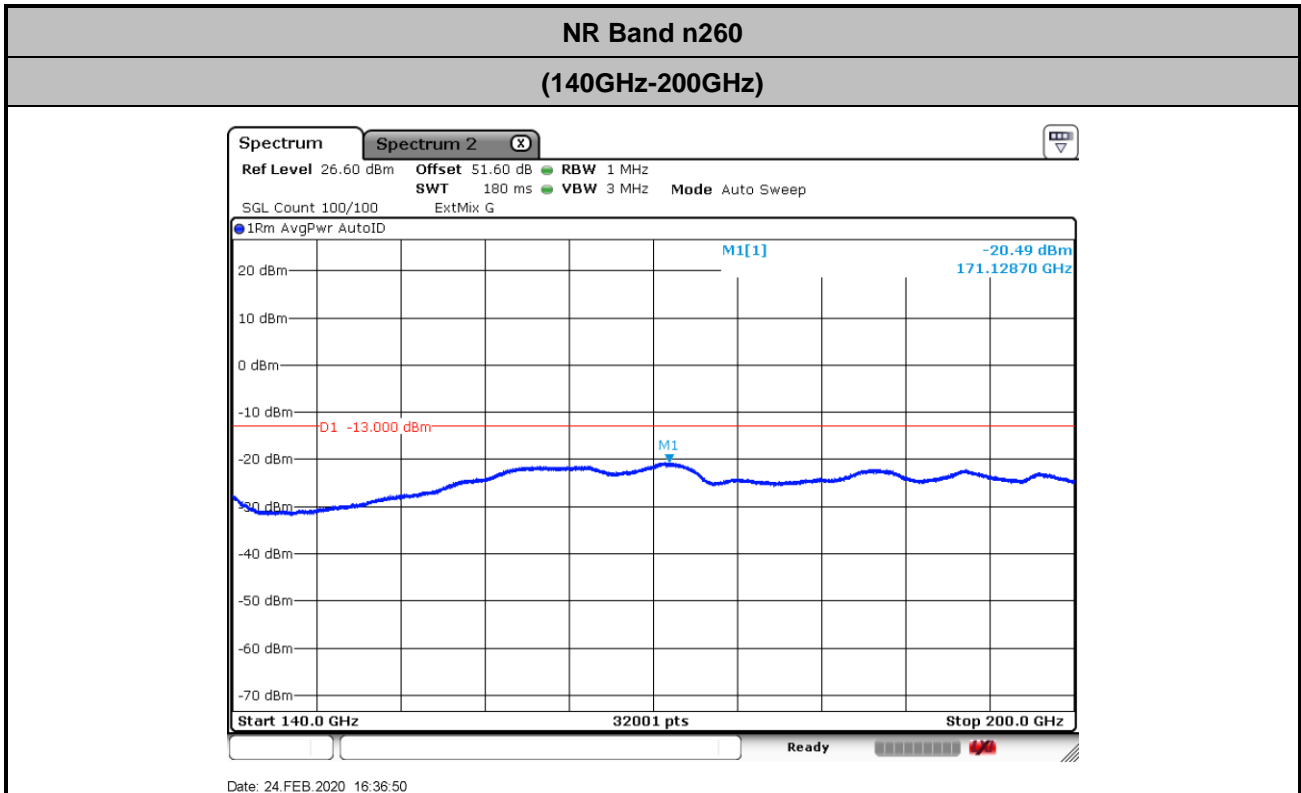
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 47.2 + 2.2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53.0 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)} \end{aligned}$$



Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.498873920	2.46	0.06	PASS
40	Normal Voltage	38.498872470	1.01	0.03	
30	Normal Voltage	38.498872040	0.58	0.02	
20(Ref.)	Normal Voltage	38.498871460	0.00	0.00	
10	Normal Voltage	38.498874210	2.75	0.07	
0	Normal Voltage	38.498874650	3.19	0.08	
-10	Normal Voltage	38.498874360	2.90	0.08	
-20	Normal Voltage	38.498873630	2.17	0.06	
-30	Normal Voltage	38.498874070	2.61	0.07	
20	Maximum Voltage	38.498874070	2.61	0.07	
20	Normal Voltage	38.498871460	0.00	0.00	
20	Battery End Point	38.498876090	4.63	0.12	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the operation band.



NR Band n261

Occupied Bandwidth

Mode	Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	45.44	45.40	90.68	90.80	90.44	385.60	385.28	385.28
Middle CH	45.32	45.46	45.44	90.60	90.64	90.32	385.44	384.96	385.12
Highest CH	45.26	45.44	45.42	90.56	90.64	90.40	384.48	384.32	384.16

Mode	Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.42	45.32	45.42	90.68	90.72	90.80	384.32	384.48	384.80
Middle CH	45.20	45.46	45.46	90.64	90.48	90.60	384.96	384.8	384.96
Highest CH	45.38	45.32	45.38	90.72	90.48	90.56	384.80	384.96	385.12

Mode	Module 2 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	45.26	45.42	90.76	90.80	90.52	384.64	384.96	384.96
Middle CH	45.32	45.3	45.46	90.64	90.32	90.52	384.48	384.64	384.96
Highest CH	45.30	45.28	45.46	90.48	90.76	90.44	385.28	385.60	385.60