

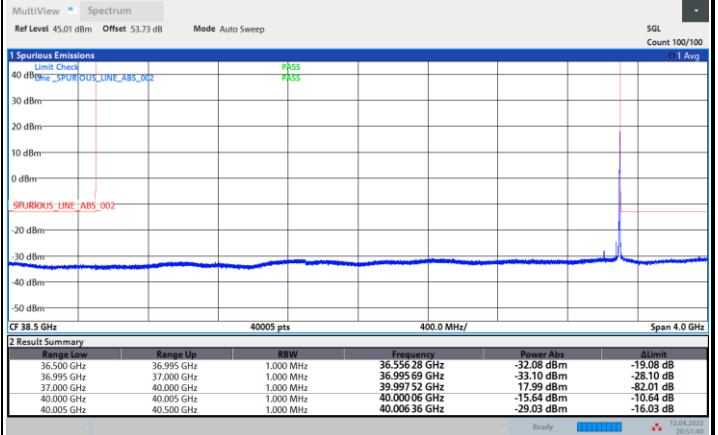
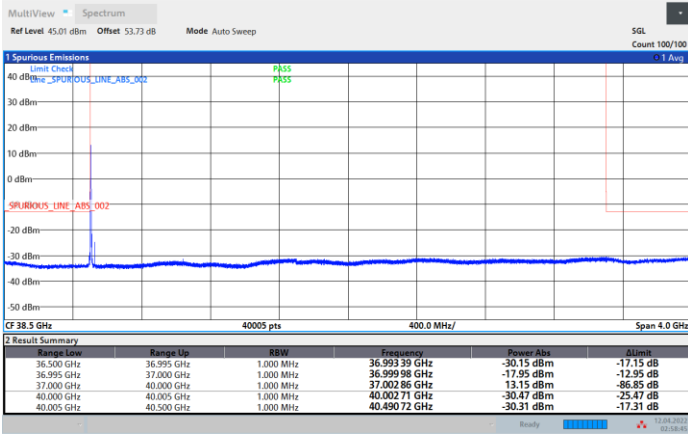


CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

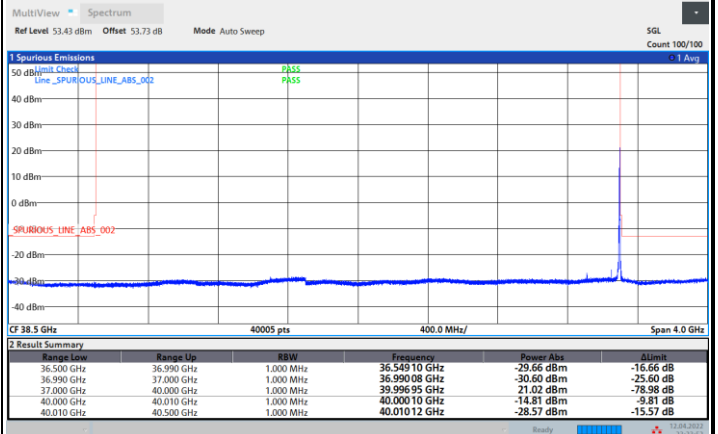
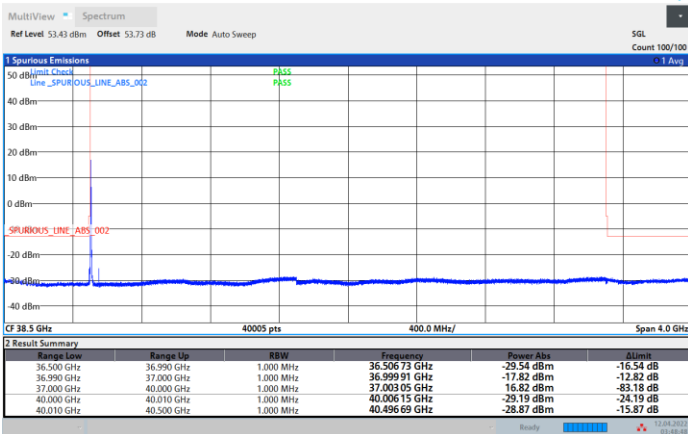
Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



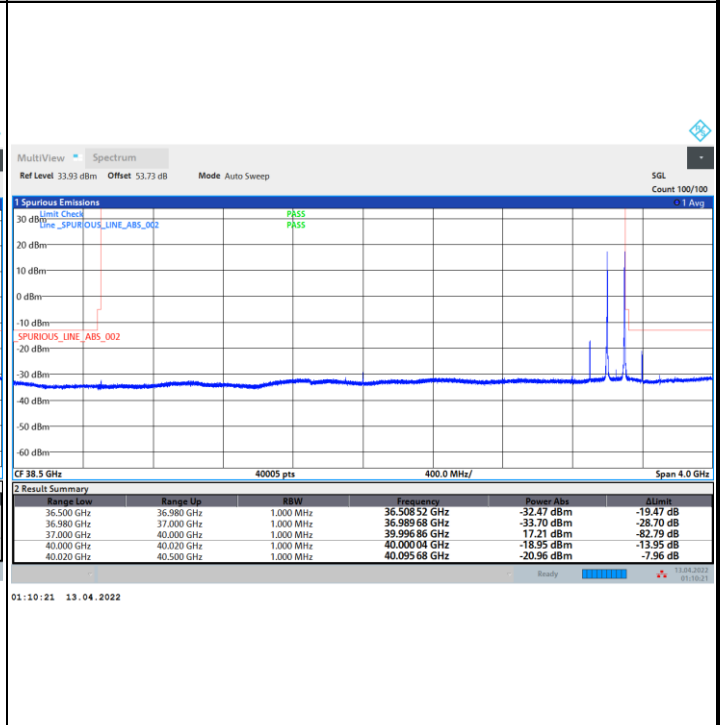
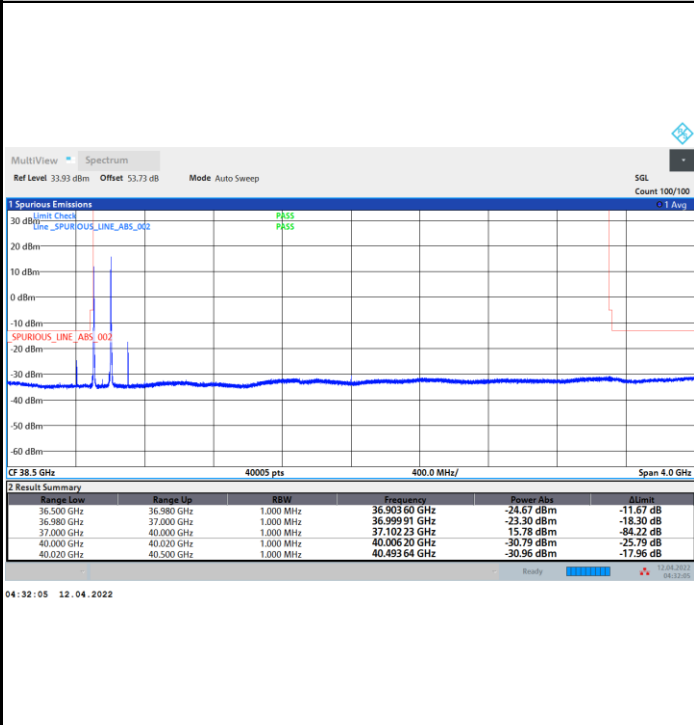


CP-OFDM Module 0

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

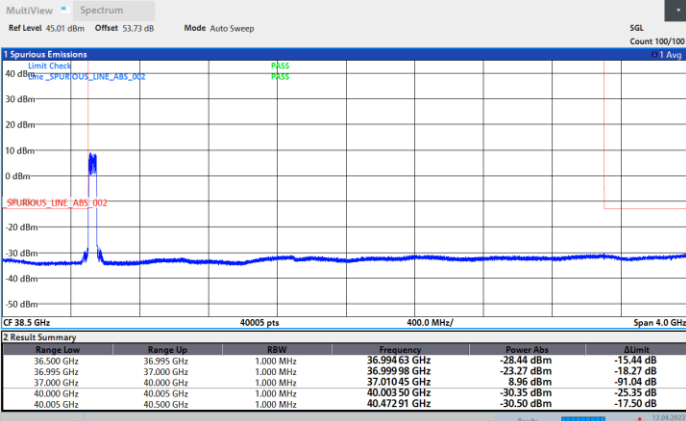




DFT-s-OFDM Module 0

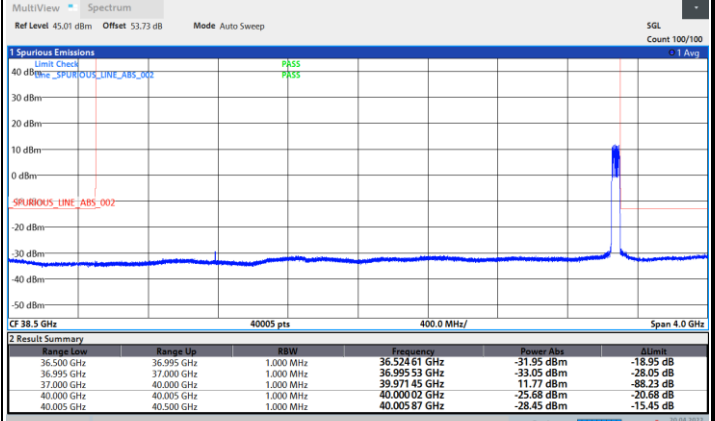
NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB



02:53:38 12.04.2022

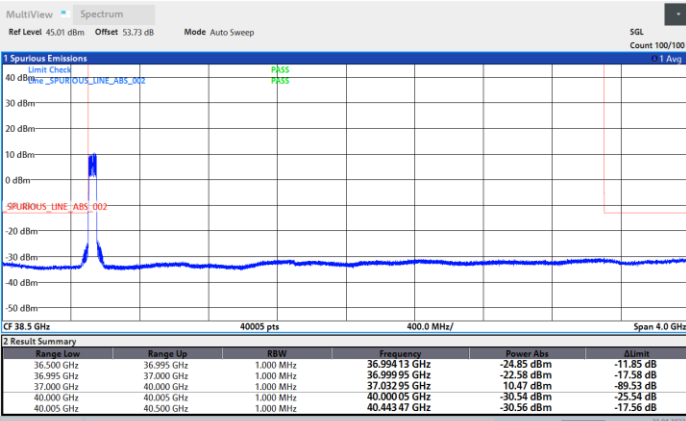
Highest Band Edge / Full RB



23:40:08 20.04.2022

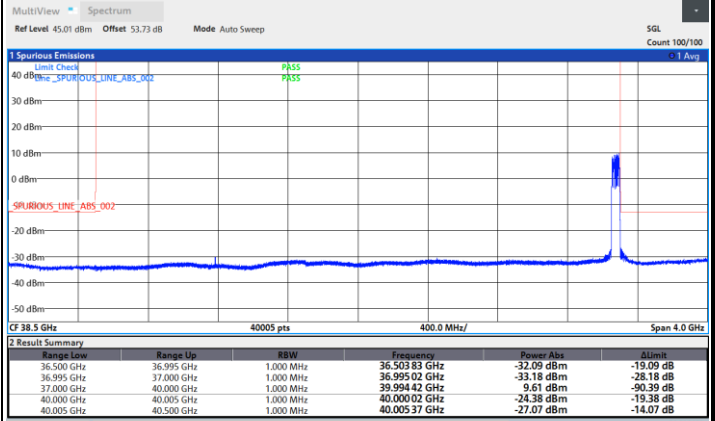
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



00:59:58 21.04.2022

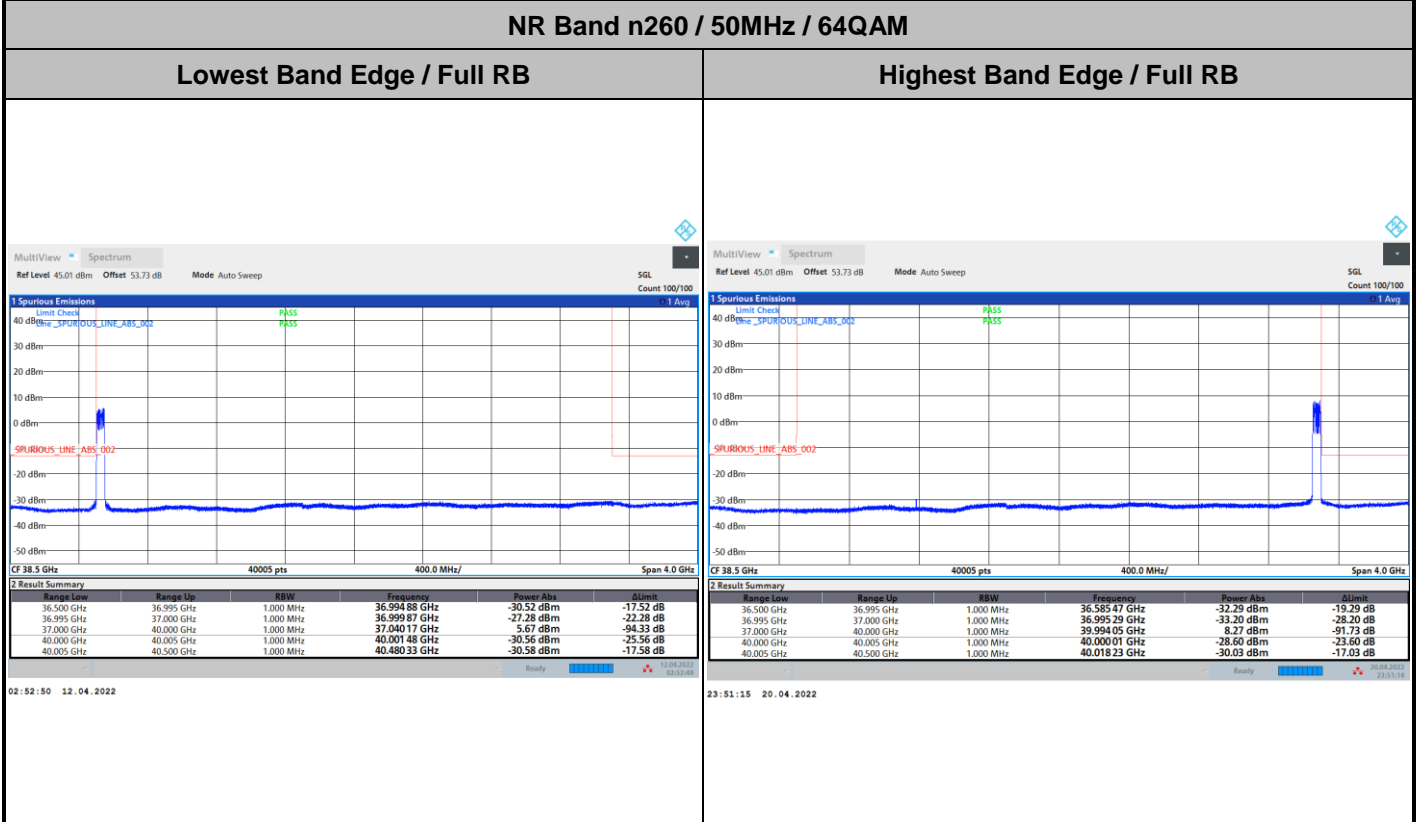
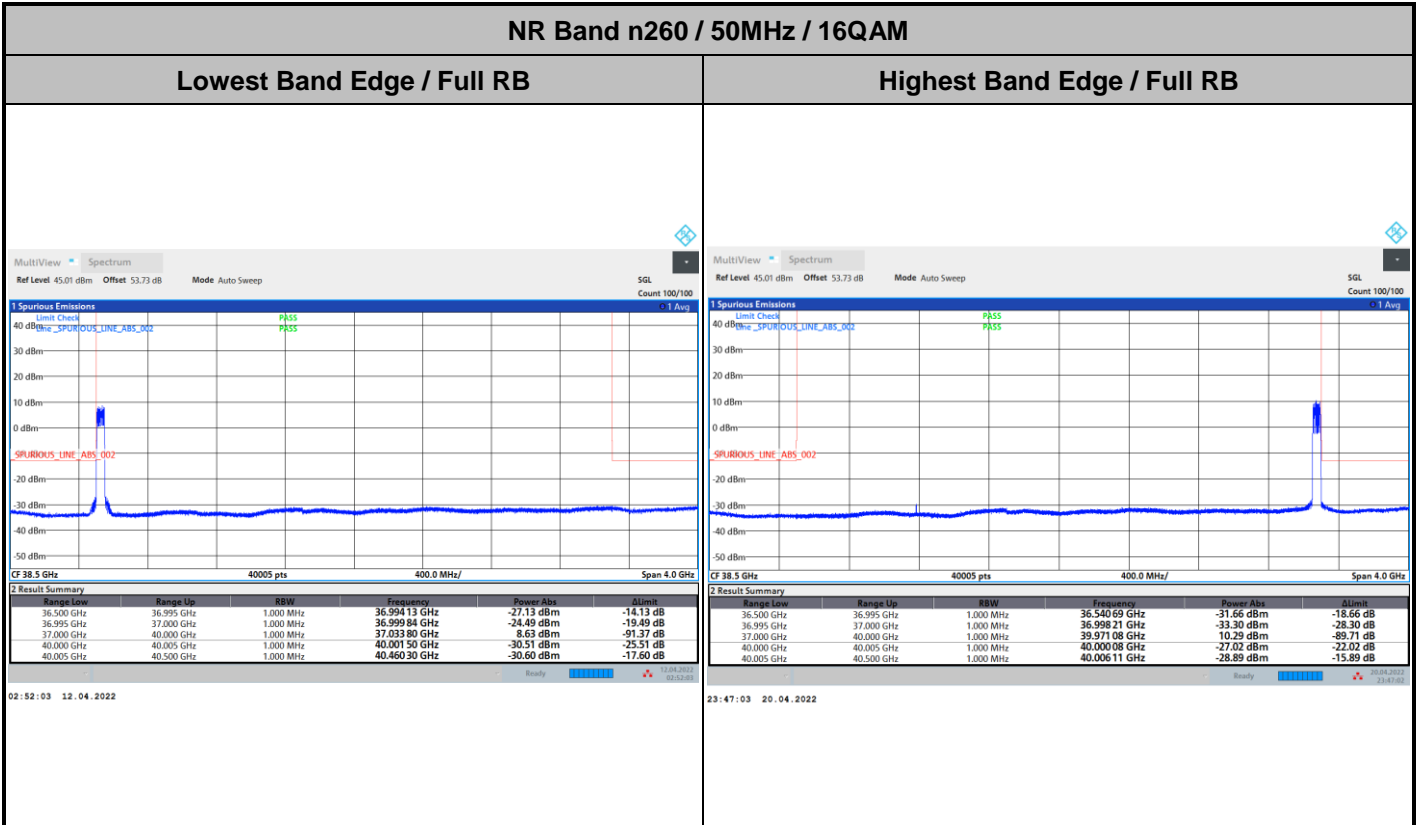
Highest Band Edge / Full RB



23:39:34 20.04.2022

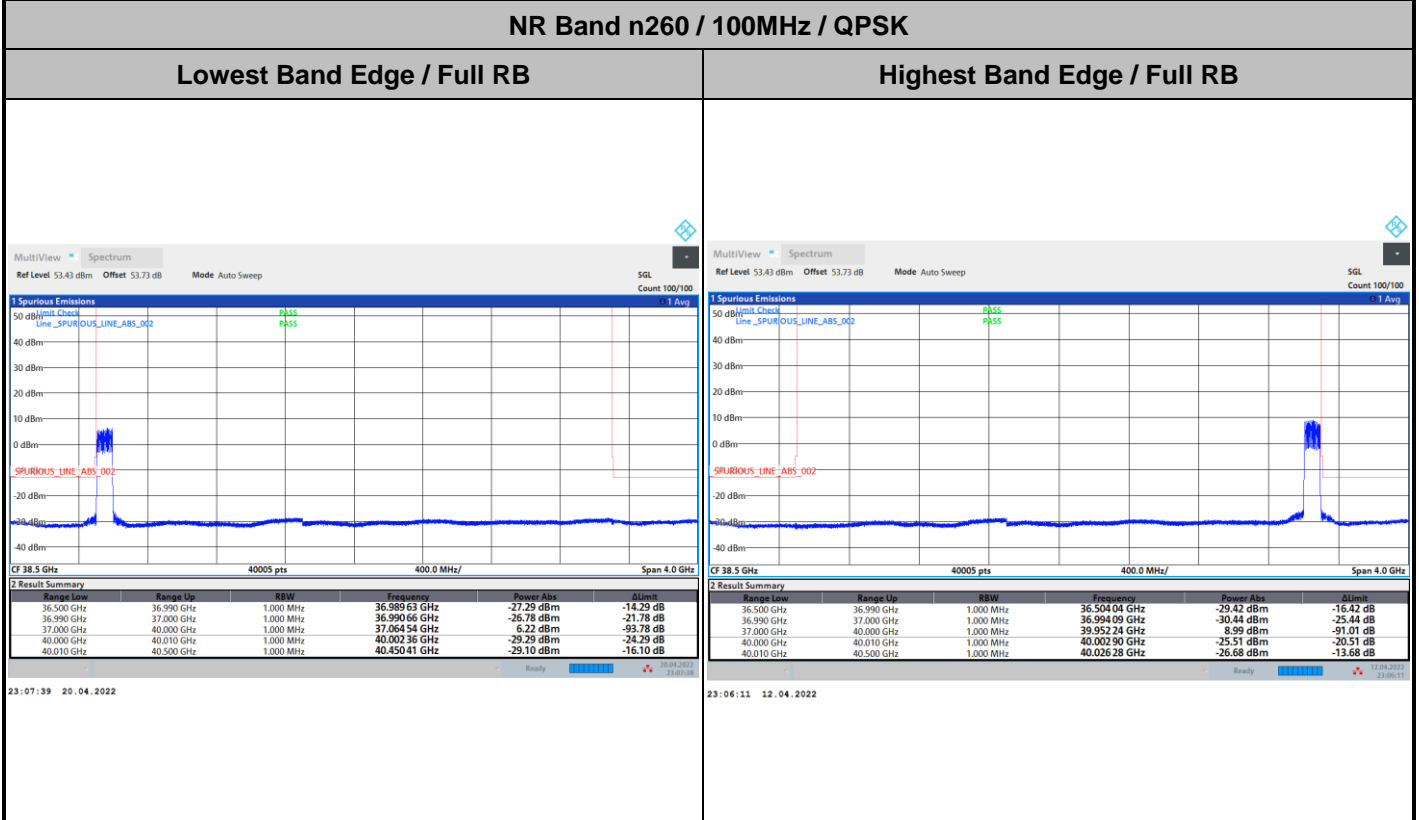
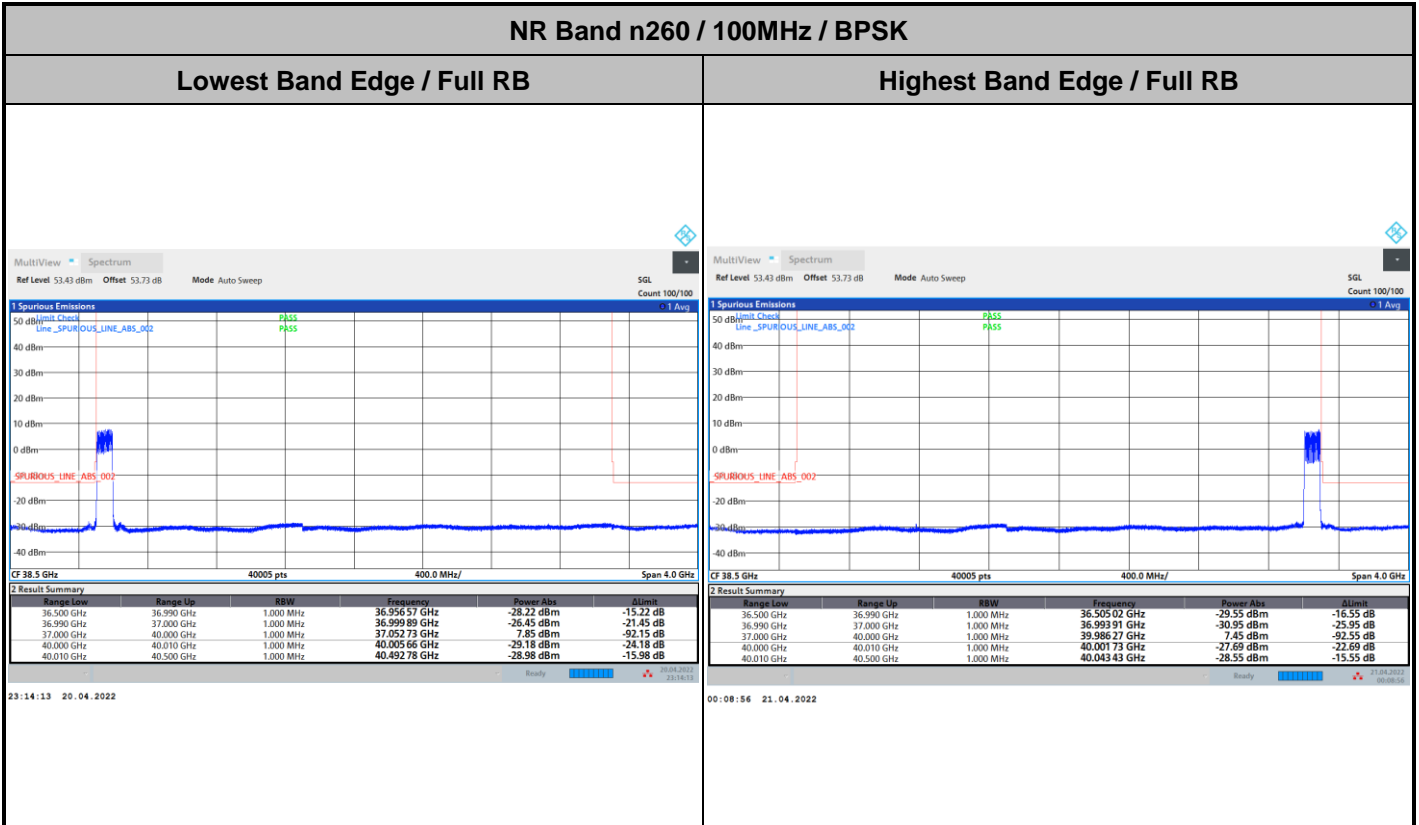


DFT-s-OFDM Module 0





DFT-s-OFDM Module 0



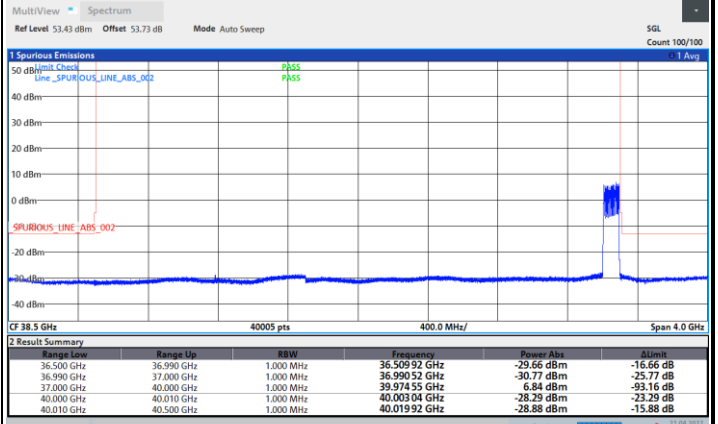
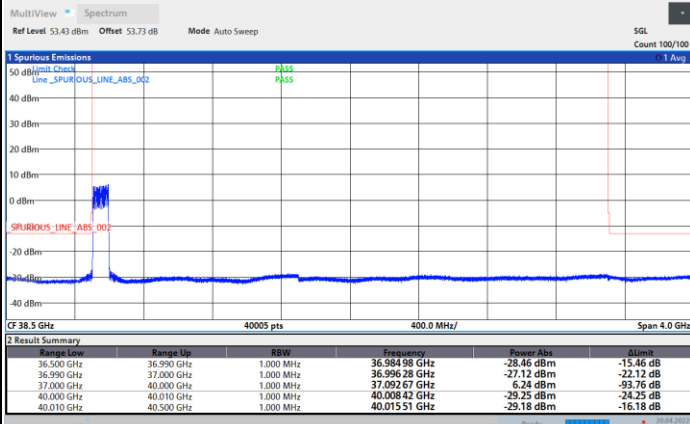


DFT-s-OFDM Module 0

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

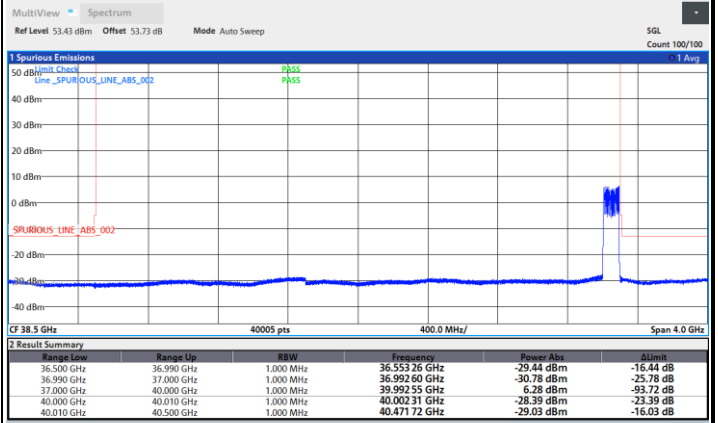
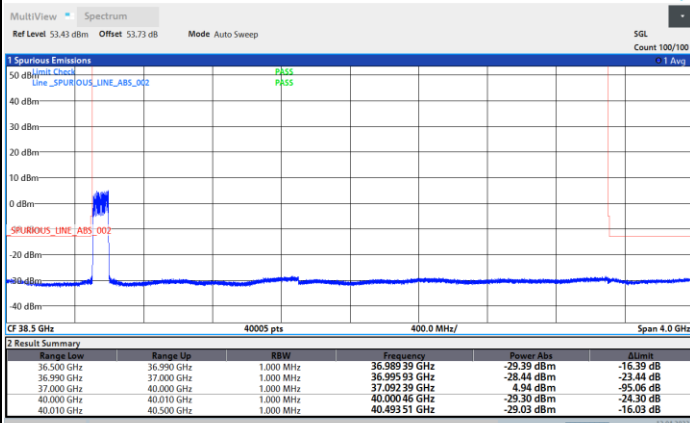
Highest Band Edge / Full RB



NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

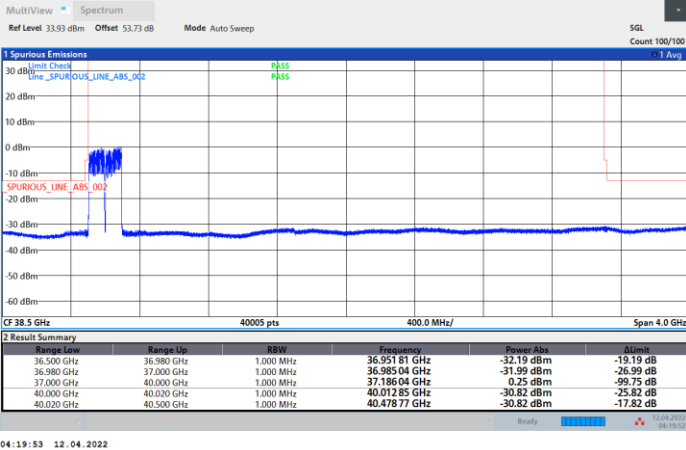




DFT-s-OFDM Module 0

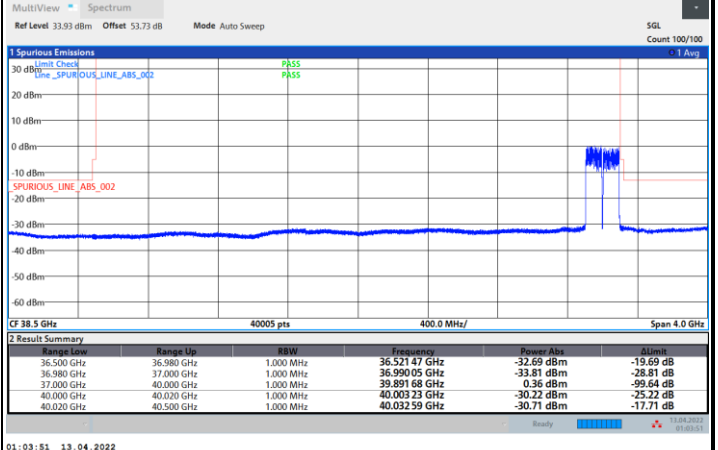
NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB



04:19:53 12. 04. 2022

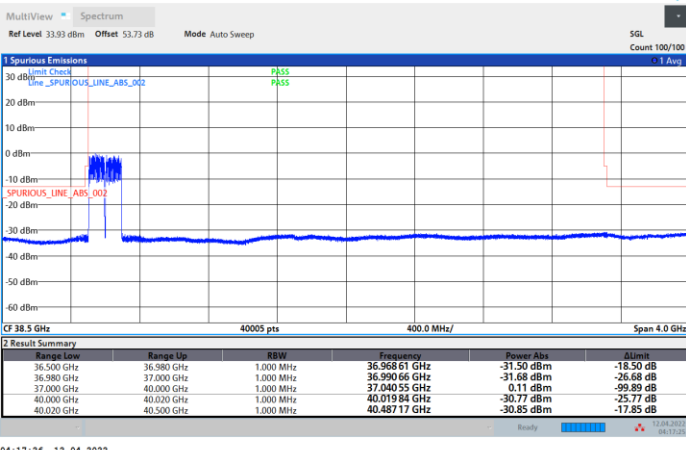
Highest Band Edge / Full RB



01:03:51 13. 04. 2022

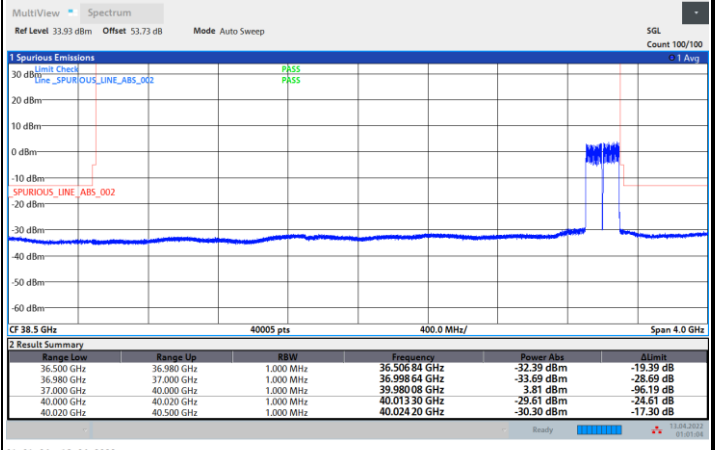
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



04:17:26 12. 04. 2022

Highest Band Edge / Full RB



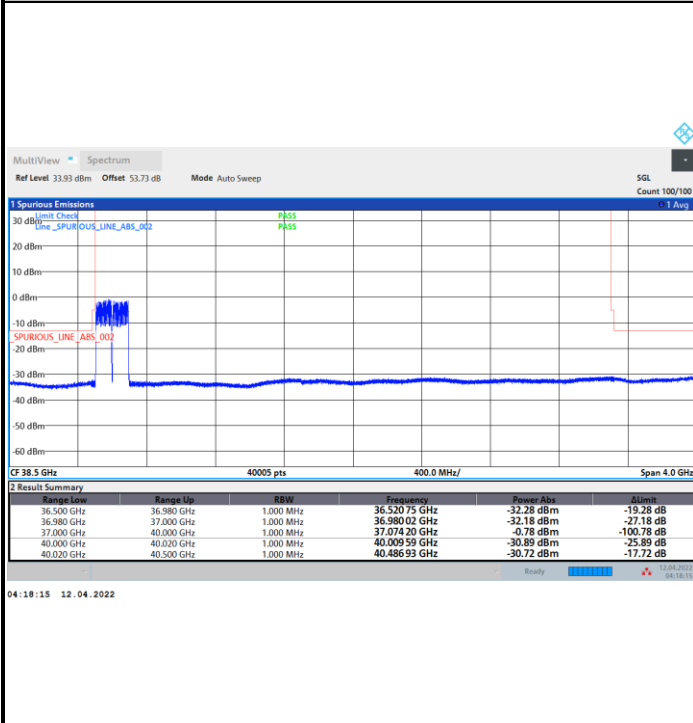
01:01:04 13. 04. 2022



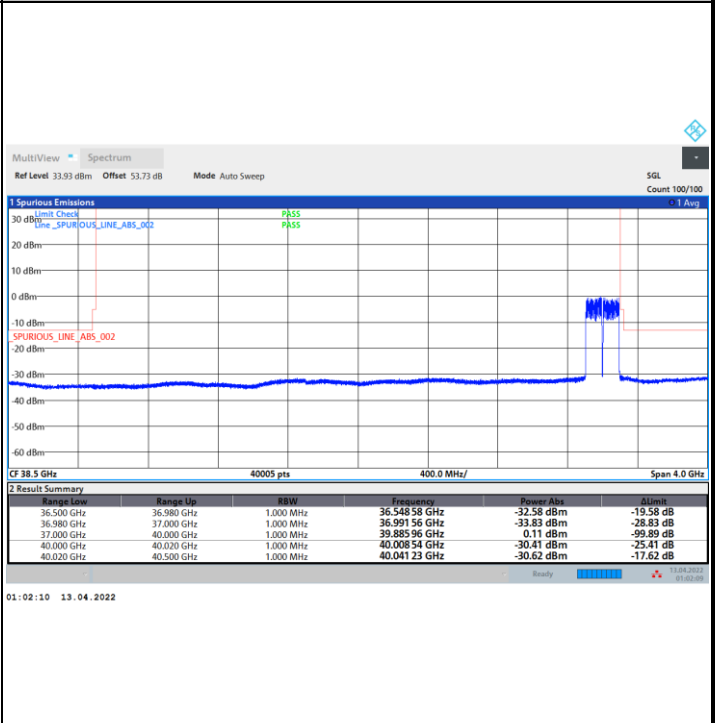
DFT-s-OFDM Module 0

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB

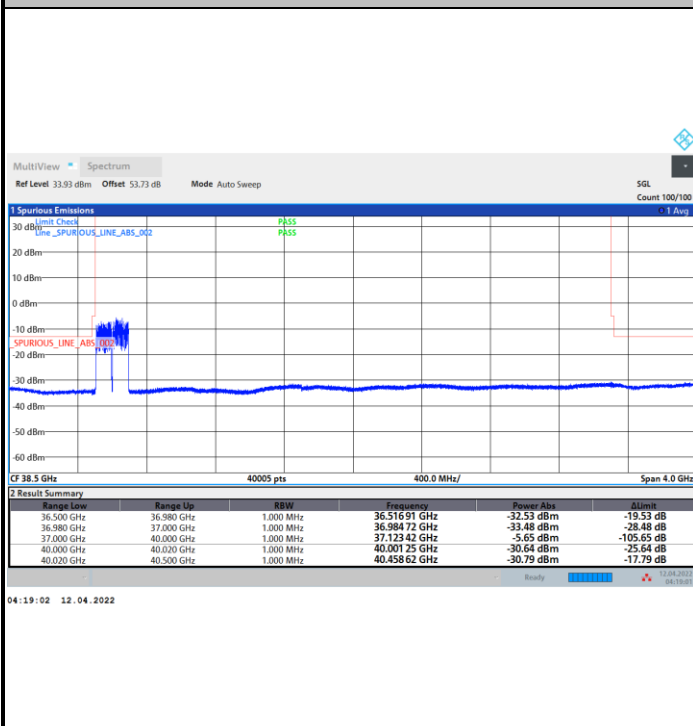


Highest Band Edge / Full RB

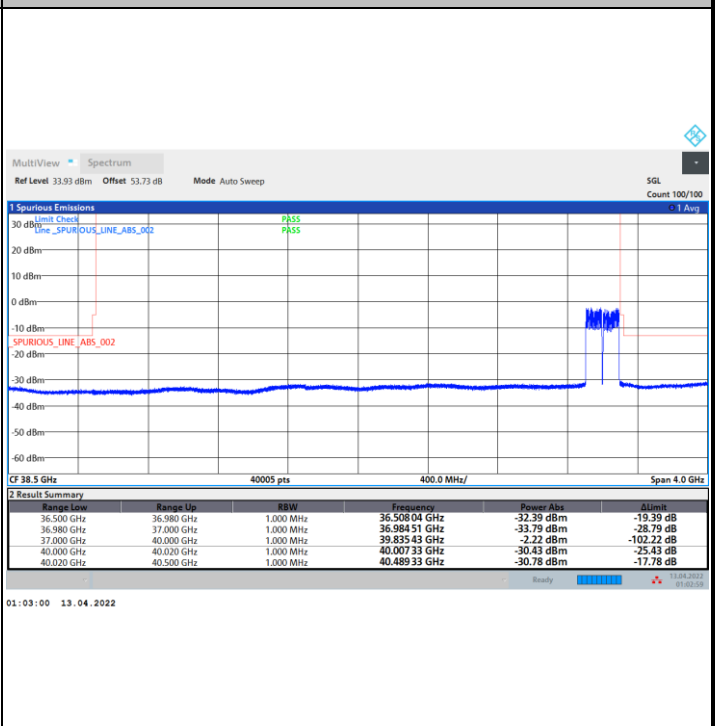


NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





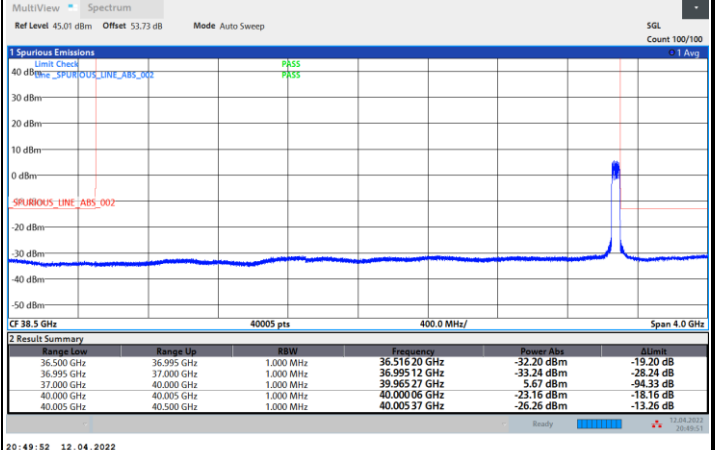
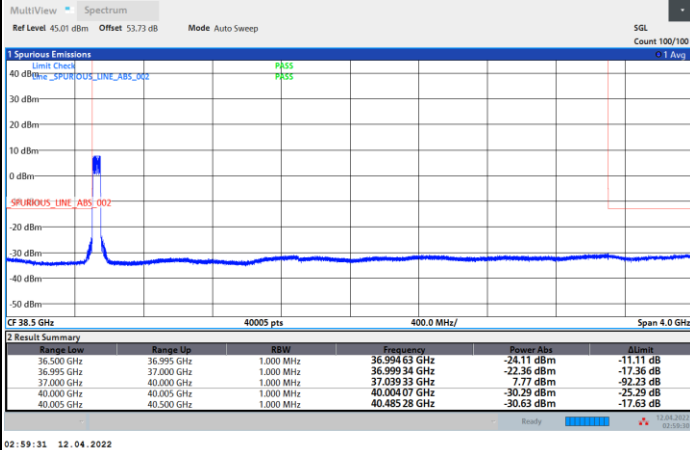


CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

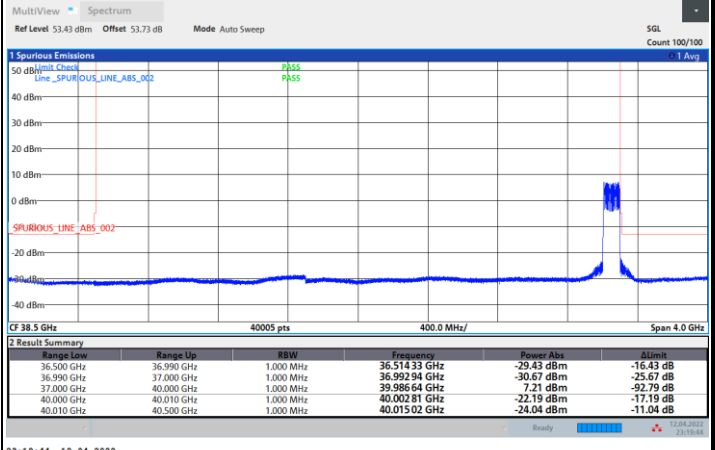
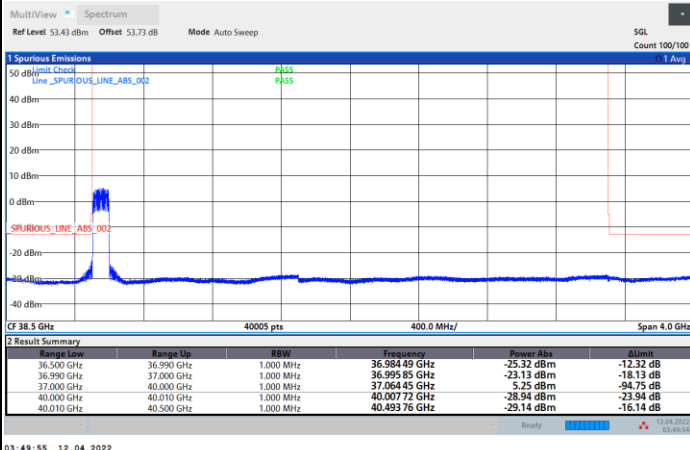
Highest Band Edge / Full RB



NR Band n260 / 100MHz / QPSK

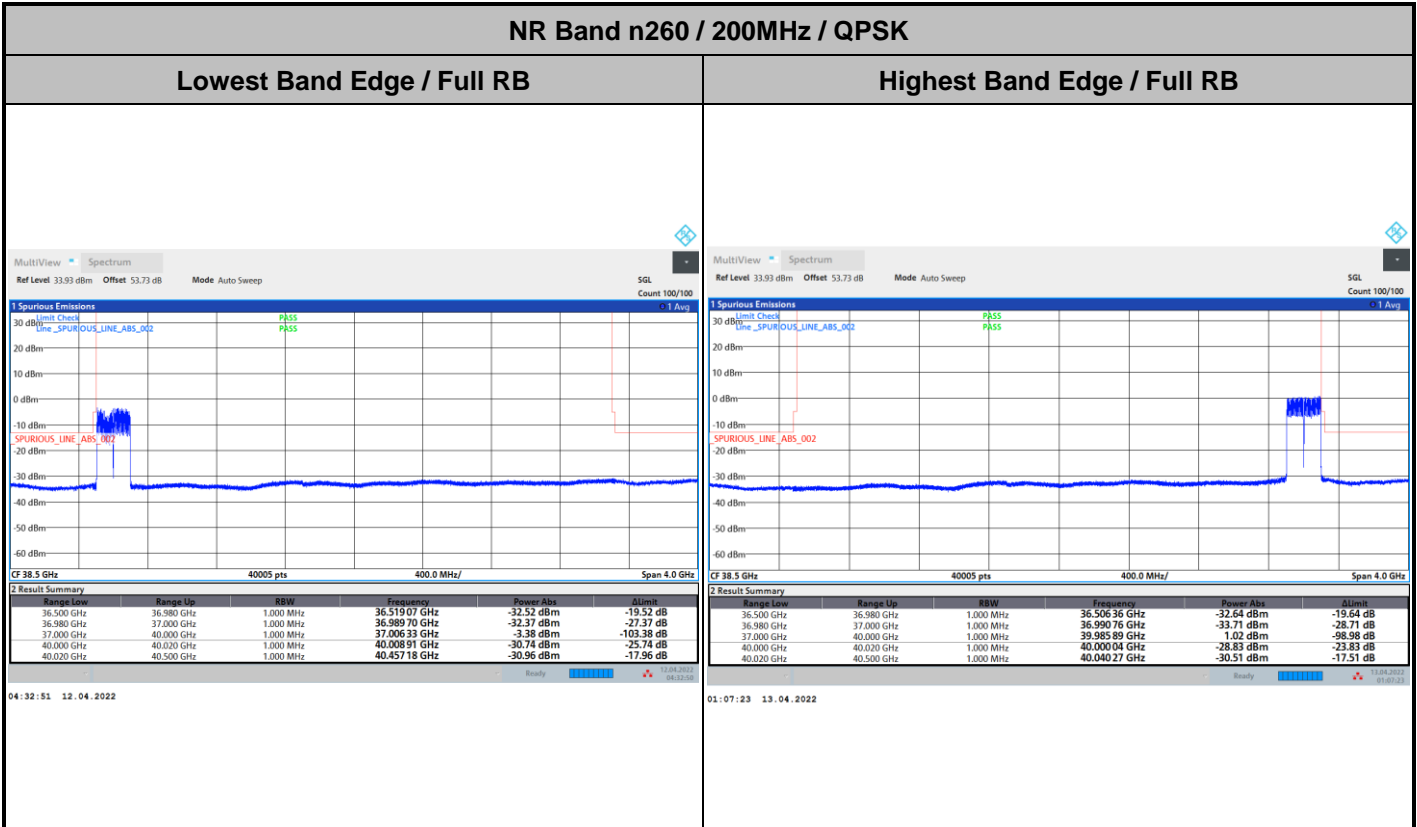
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





CP-OFDM Module 0

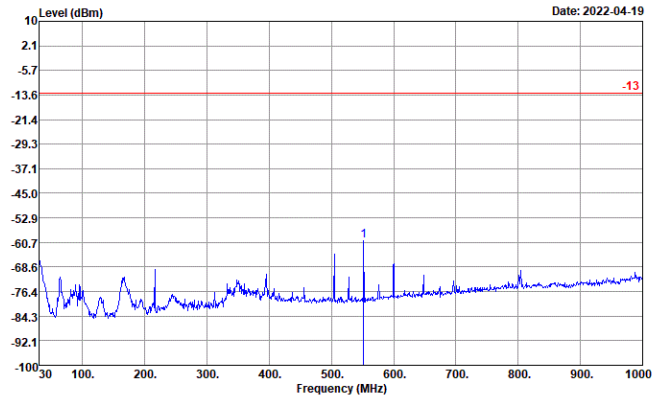




# Spurious Emission

## NR Band n260 (30MHz-1GHz)

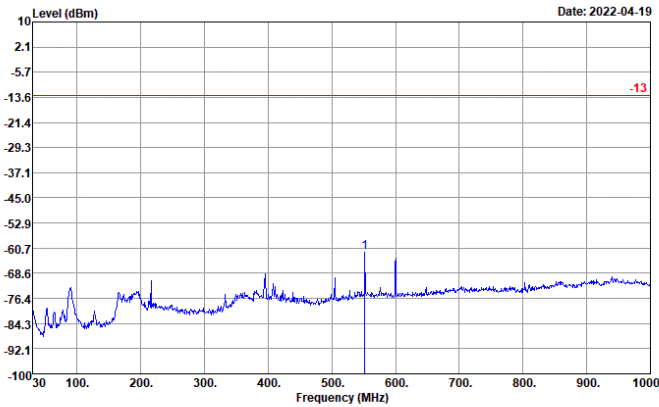
### Horizontal



Site : 03CH19-HY  
 Condition : -13 ERP EIRP\_20210305 HORIZONTAL  
 Project : ID2414  
 : n260 MO

Freq	Level	Over	Limit	Read	
MHz	dBm	dB	dBm	dBm	
1	551.86	-60.12	-47.12	-13.00	-60.36

### Vertical



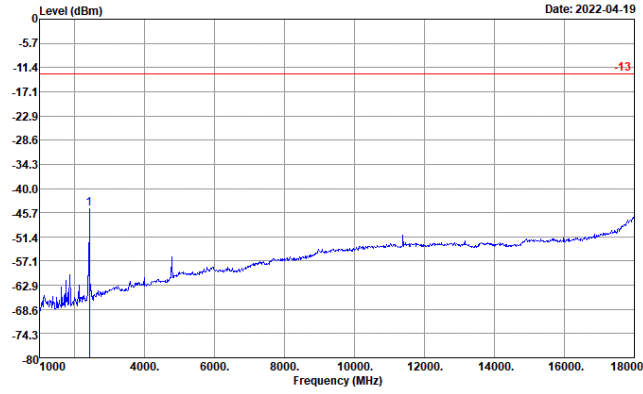
Site : 03CH19-HY  
 Condition : -13 ERP EIRP\_20210305 VERTICAL  
 Project : ID2414  
 : n260 MO

Freq	Level	Over	Limit	Read	
MHz	dBm	dB	dBm	dBm	
1	551.86	-61.90	-48.90	-13.00	-65.93



NR Band n260 (1GHz-18GHz)

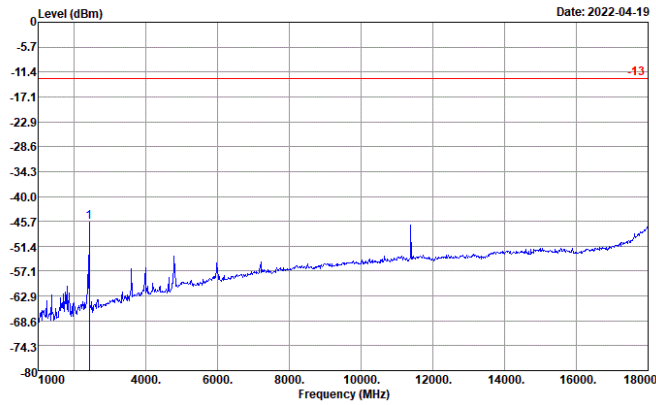
Horizontal



Site : 03CH19-HY  
 Condition : -13 ERP EIRP\_20210305 HORIZONTAL  
 Project : ID2414  
 : n260 MO

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 2428.00	-44.71	-31.71	-13.00	-55.78

Vertical



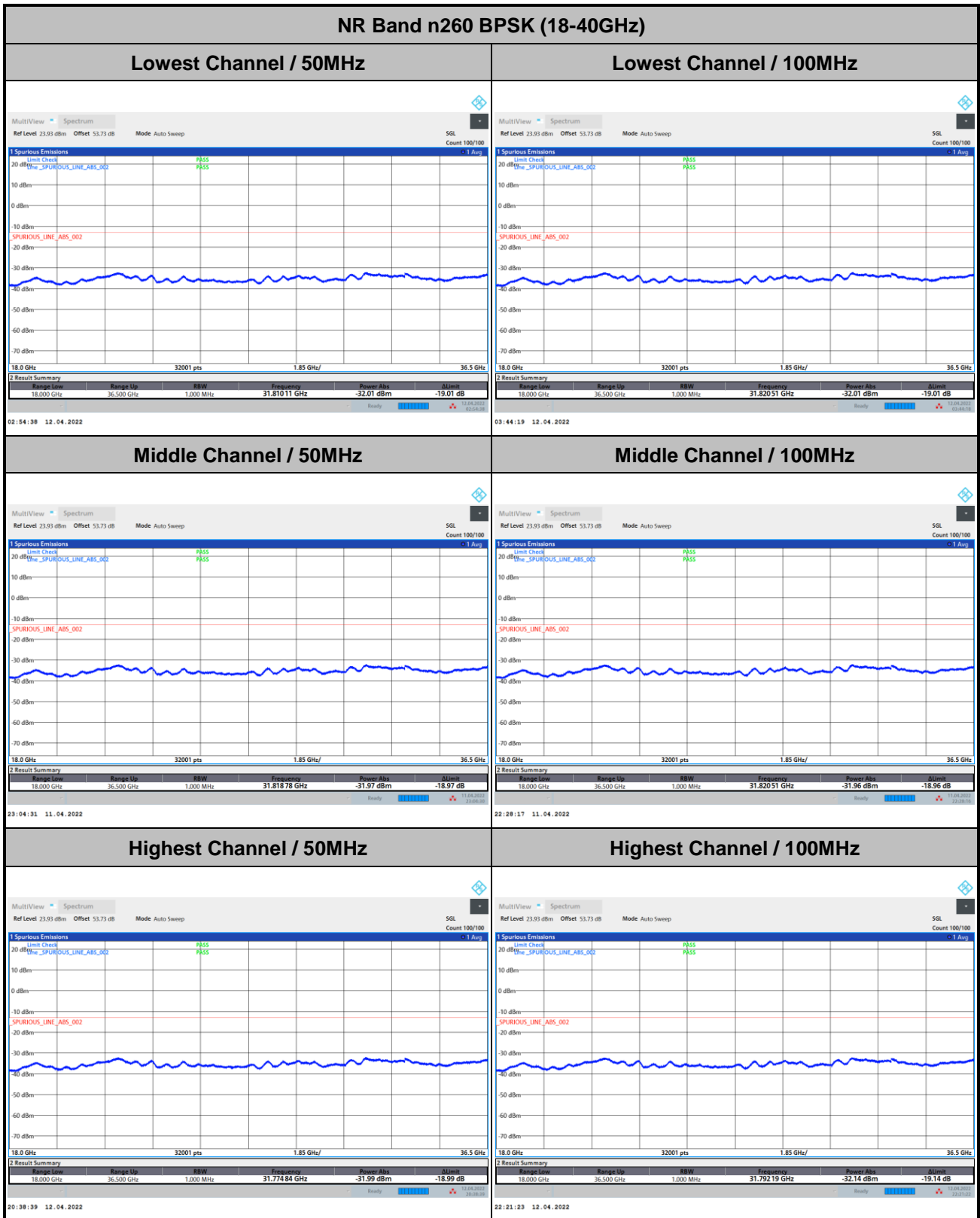
Site : 03CH19-HY  
 Condition : -13 ERP EIRP\_20210305 VERTICAL  
 Project : ID2414  
 : n260 MO

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 2428.00	-45.86	-32.86	-13.00	-56.56



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

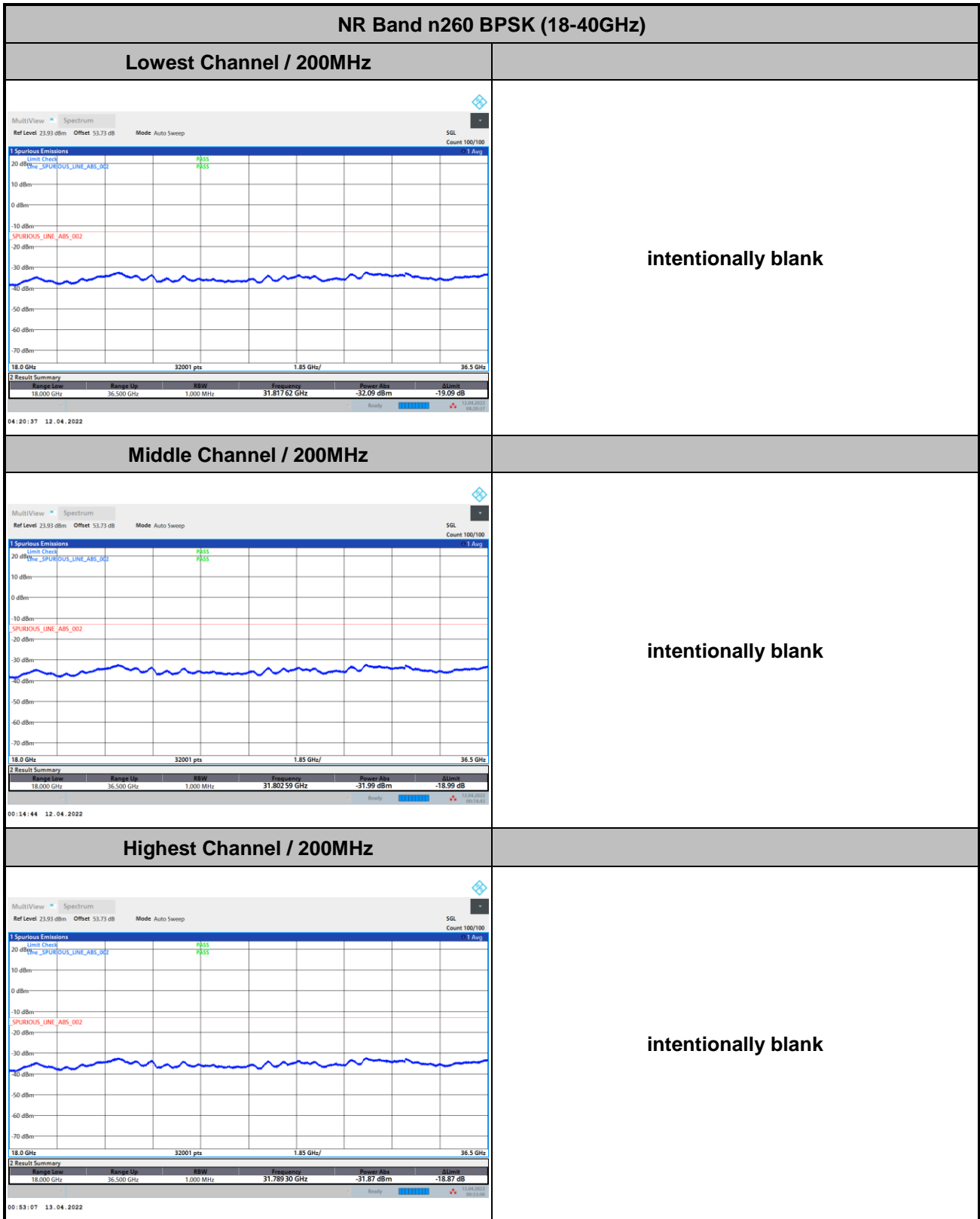
DFT-s-OFDM Module 0



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



DFT-s-OFDM Module 0



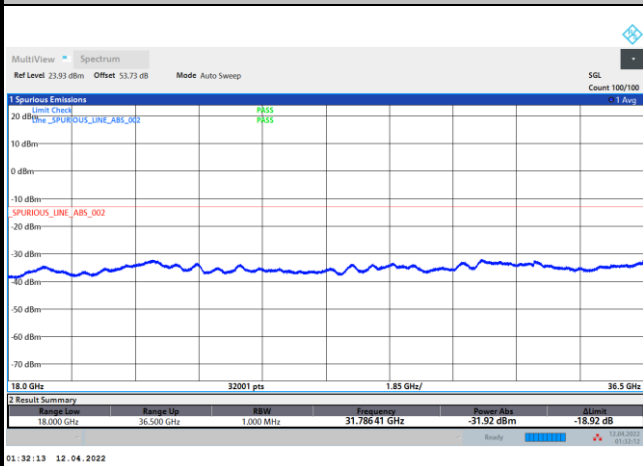
Remark: In band and out of band frequencies are omitted.



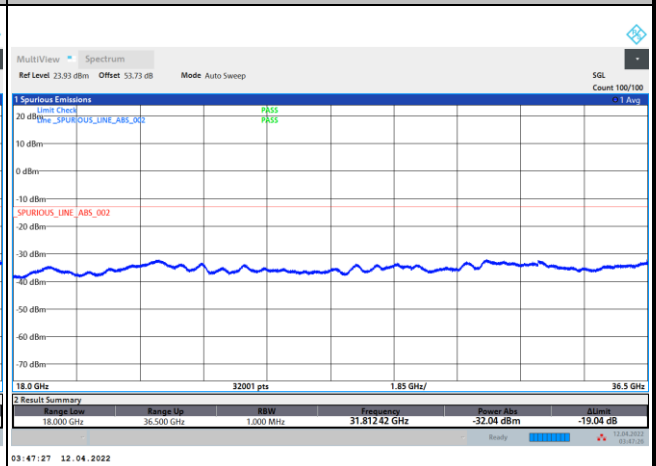
DFT-s-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

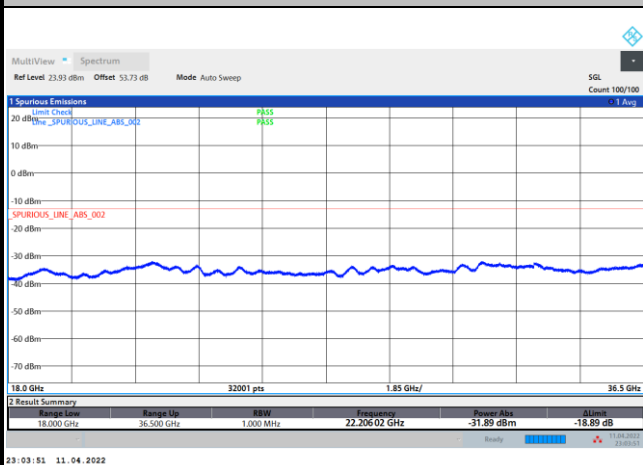
Lowest Channel / 50MHz



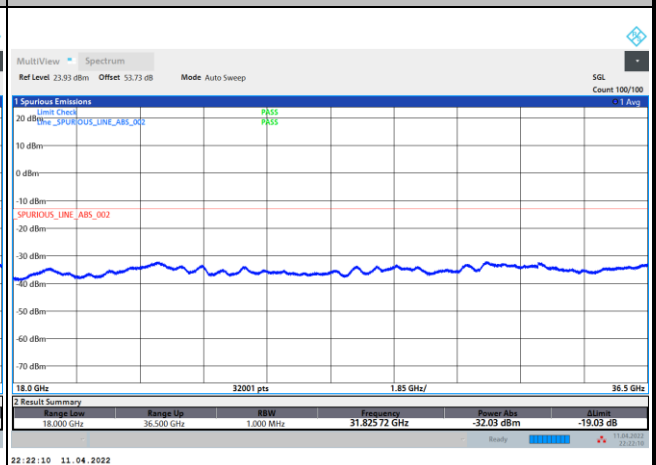
Lowest Channel / 100MHz



Middle Channel / 50MHz



Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



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



DFT-s-OFDM Module 0

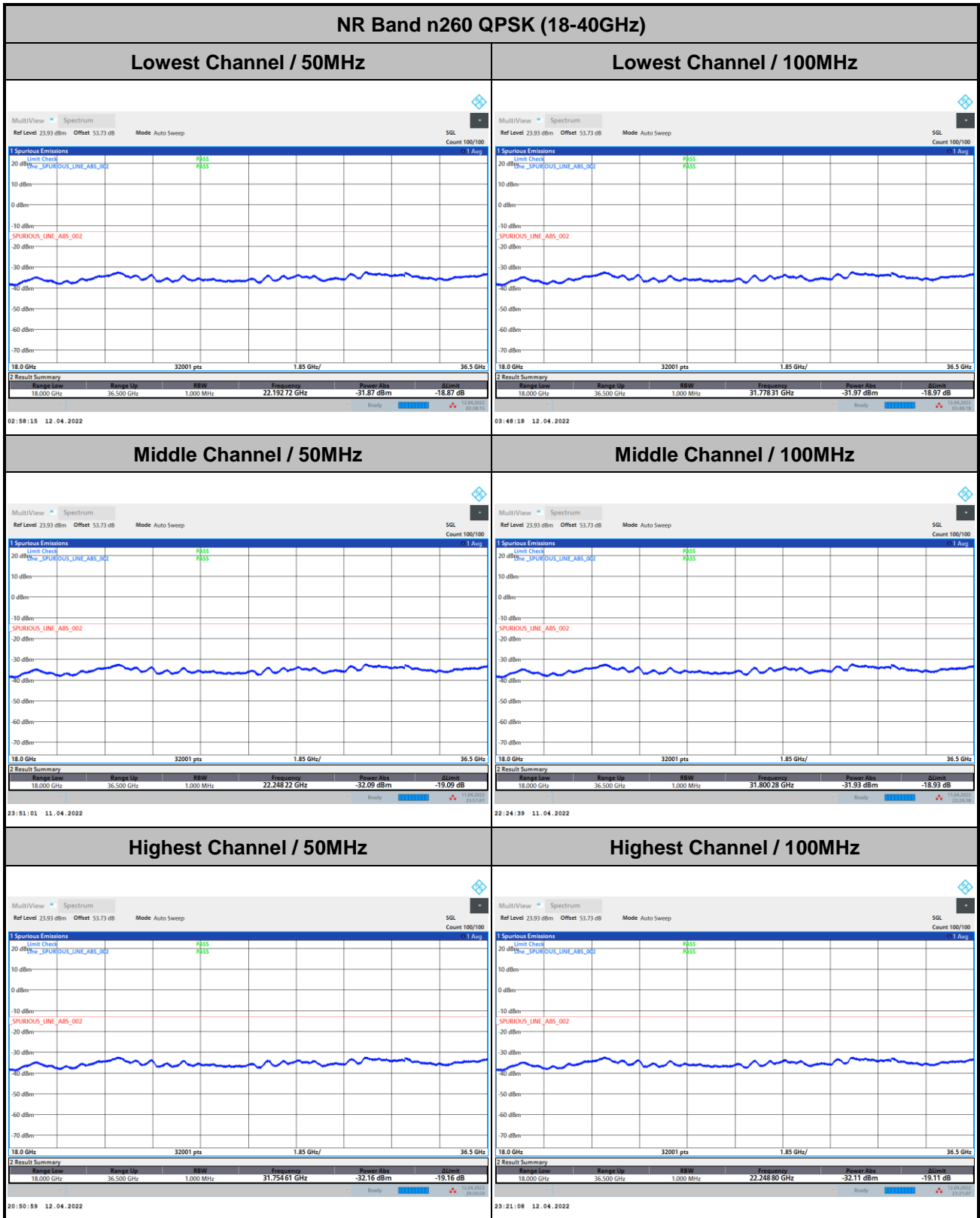
NR Band n260 QPSK (18-40GHz)	
<p><b>Lowest Channel / 200MHz</b></p> <p>intentionally blank</p>	
<p><b>Middle Channel / 200MHz</b></p> <p>intentionally blank</p>	
<p><b>Highest Channel / 200MHz</b></p> <p>intentionally blank</p>	

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





CP-OFDM Module 0



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



CP-OFDM Module 0

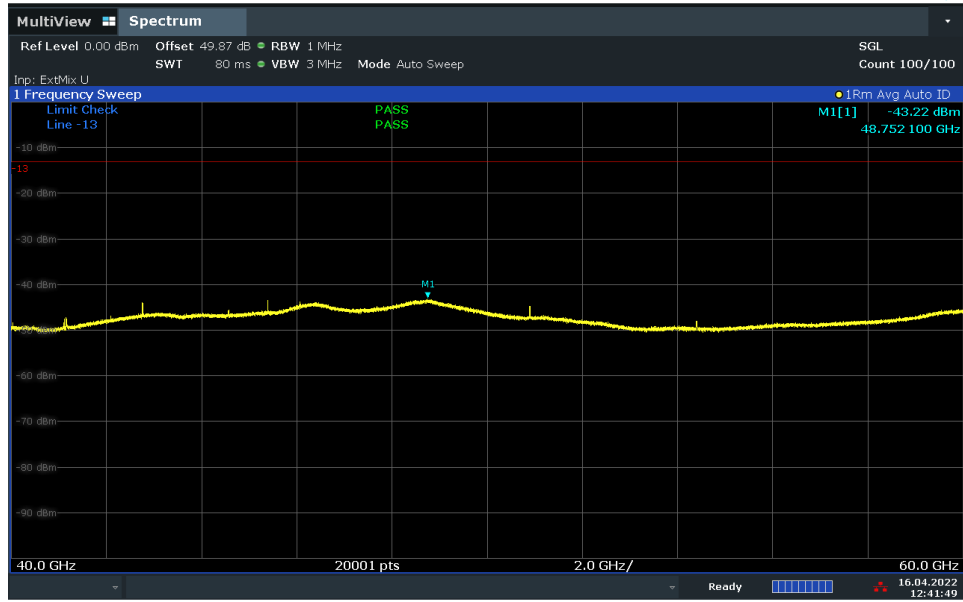
NR Band n260 QPSK (18-40GHz)	
<p><b>Lowest Channel / 200MHz</b></p>	<p>intentionally blank</p>
<p><b>Middle Channel / 200MHz</b></p>	<p>intentionally blank</p>
<p><b>Highest Channel / 200MHz</b></p>	<p>intentionally blank</p>

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



NR Band n260

(40GHz-60GHz)



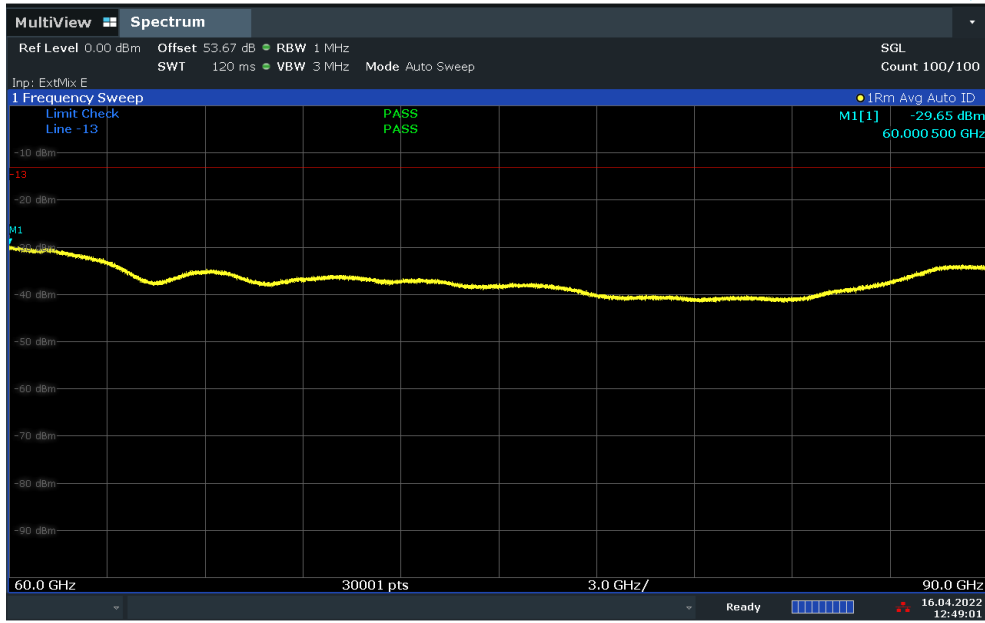
12:41:49 16.04.2022

Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log(D) – 104.8 + Duty Factor  
= 43.1 + 0.54 + 107 + 20log(1) – 104.8 + 4.03 = 49.87 (dB)



NR Band n260

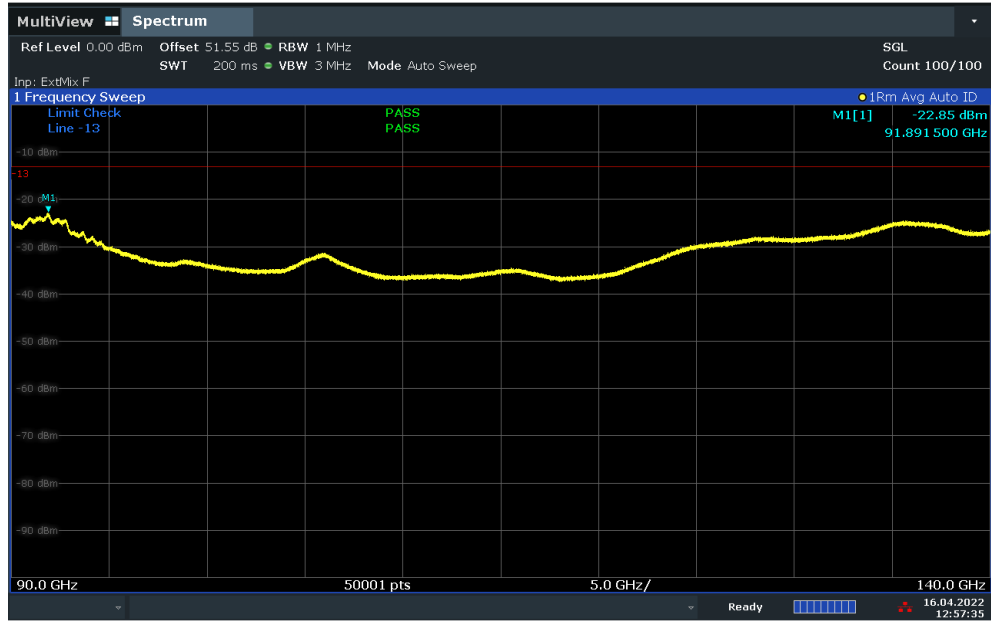
(60GHz-90GHz)



$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + \text{Duty Factor}$$
$$= 46.9 + 0.54 + 107 + 20\log(1) - 104.8 + 4.03 = 53.67 \text{ (dB)}$$

NR Band n260

(90GHz-140GHz)

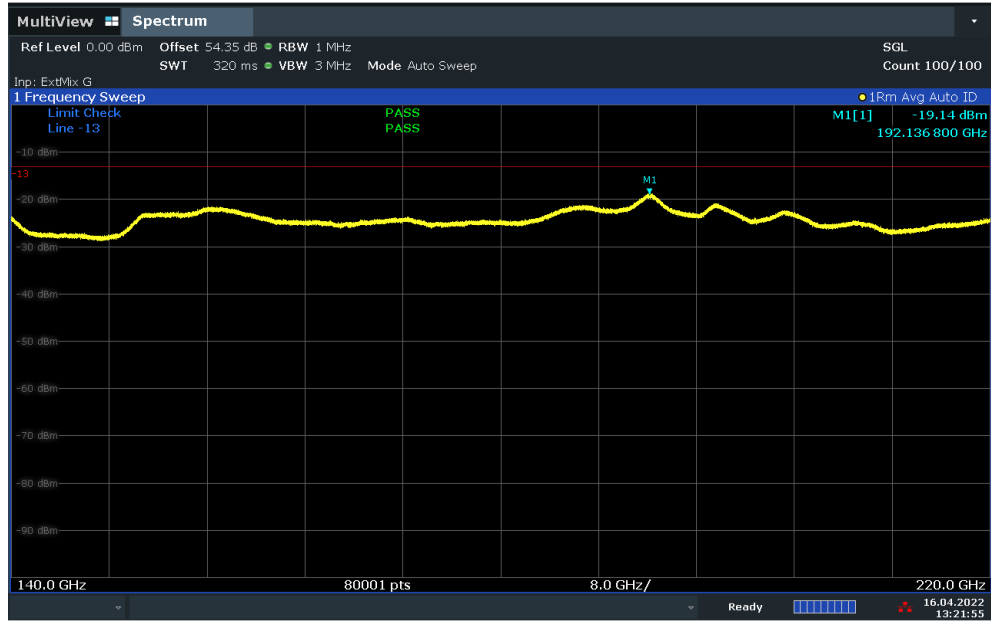


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + \text{Duty Factor}$$

$$= 50.8 + 0.54 + 107 + 20\log(0.5) - 104.8 + 4.03 = 51.55 \text{ (dB)}$$

NR Band n260

(140GHz-200GHz)



$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + \text{Duty Factor}$$

$$= 53.6 + 0.54 + 107 + 20\log(0.5) - 104.8 + 4.03 = 54.35 \text{ (dB)}$$



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	38.4998	200.000	5.195	PASS
40	Normal Voltage	38.4998	200.000	5.195	
30	Normal Voltage	38.49985	150.000	3.896	
20(Ref.)	Normal Voltage	38.5	0.000	0.000	
10	Normal Voltage	38.49985	150.000	3.896	
0	Normal Voltage	38.50005	-50.000	1.299	
-10	Normal Voltage	38.5001	-100.000	2.597	
-20	Normal Voltage	38.50015	-150.000	3.896	
-30	Normal Voltage	38.50025	-250.000	6.494	
20	Maximum Voltage	38.4999	100.000	2.597	
20	Normal Voltage	38.49995	50.000	1.299	
20	Battery End Point	38.50005	-50.000	1.299	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.30 V. ; Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the operation band.



# NR Band n260 Module 1 AG0+1

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				200MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.05	44.76	44.82	44.66	91.56	91.31	91.48	90.73	189.97	190.31	190.04	189.95
Middle CH	46.24	46.36	46.49	46.42	89.81	89.66	89.29	89.48	189.64	189.26	188.69	189.21
Highest CH	45.25	44.69	44.62	45.05	90.37	90.20	90.41	89.53	188.87	188.25	188.27	187.85

Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)					
BW	50MHz		100MHz		200MHz	
Mod.	QPSK		QPSK		QPSK	
Lowest CH	44.92		94.43		193.21	
Middle CH	46.40		93.51		193.22	
Highest CH	45.34		93.70		192.06	

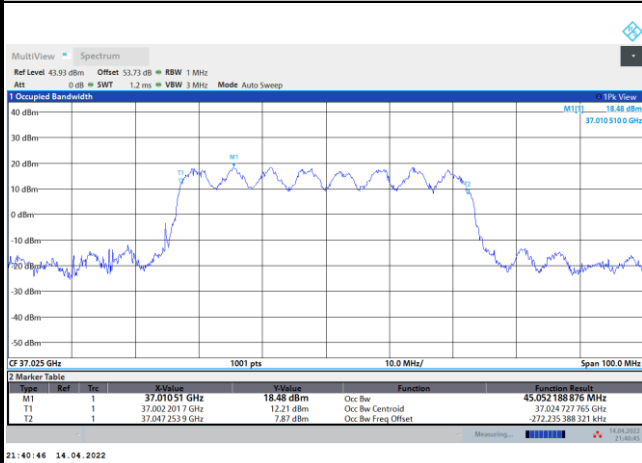




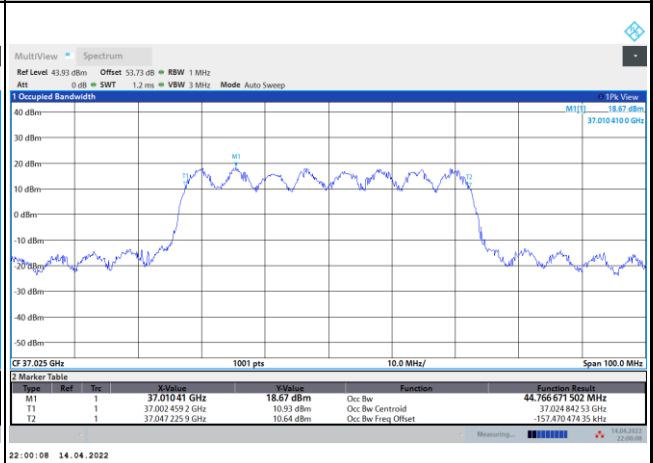
DFT-s-OFDM Module 1

NR Band n260

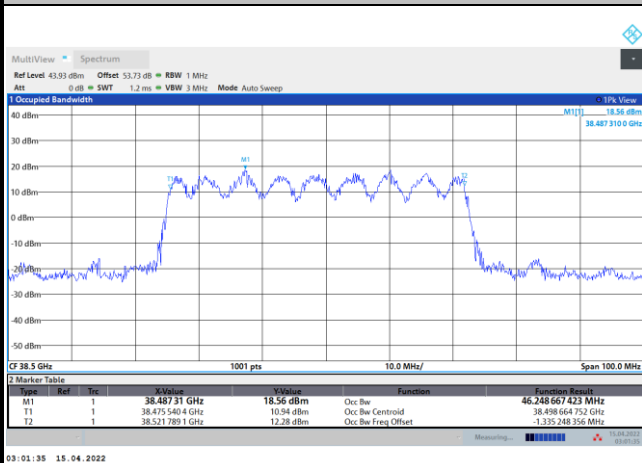
Lowest Channel / 50MHz / BPSK



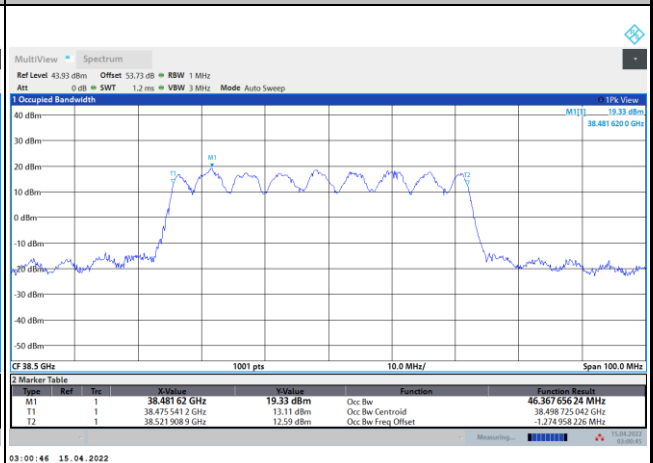
Lowest Channel / 50MHz / QPSK



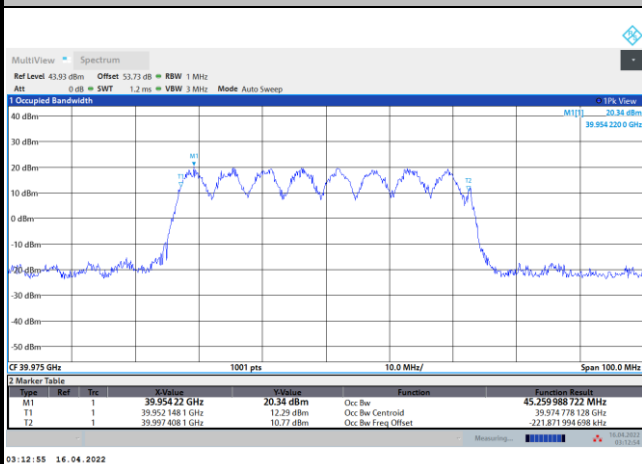
Middle Channel / 50MHz / BPSK



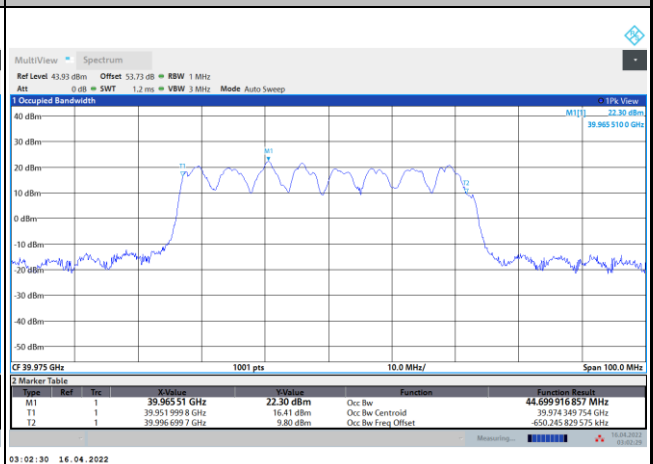
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

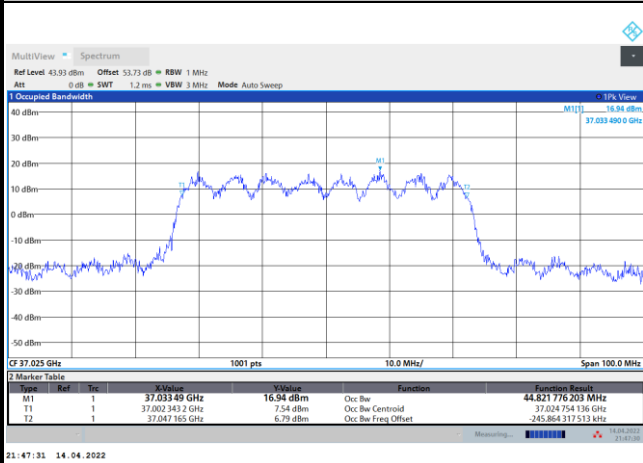




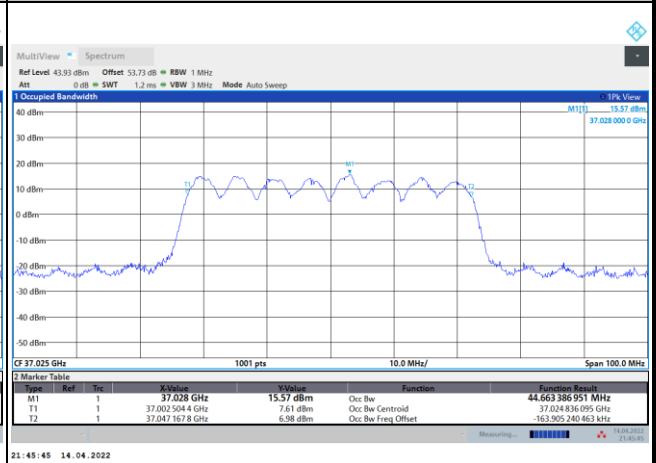
DFT-s-OFDM Module 1

NR Band n260

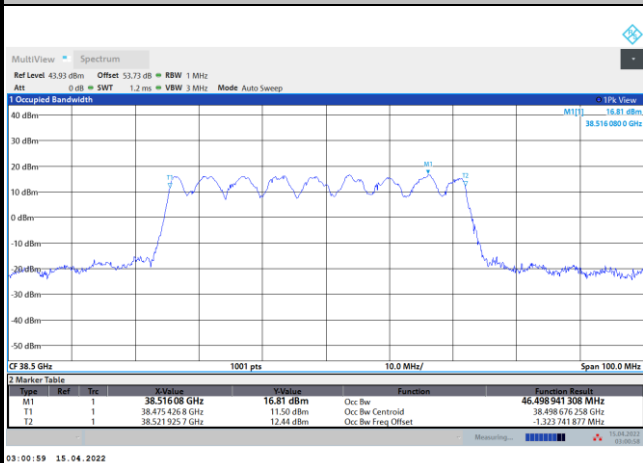
Lowest Channel / 50MHz / 16QAM



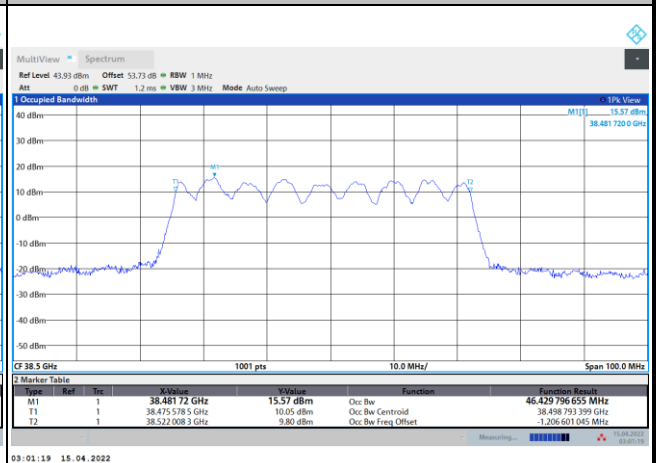
Lowest Channel / 50MHz / 64QAM



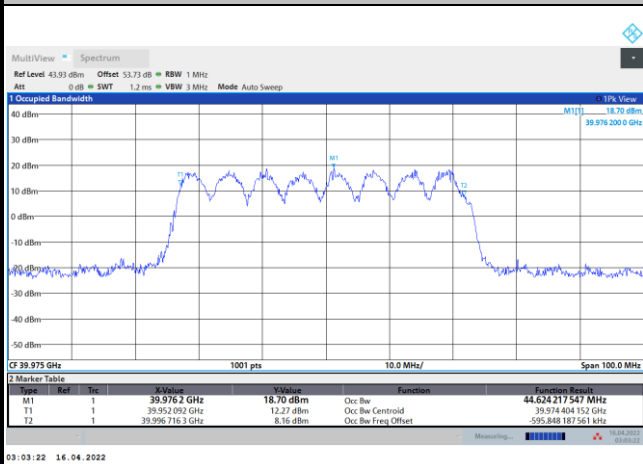
Middle Channel / 50MHz / 16QAM



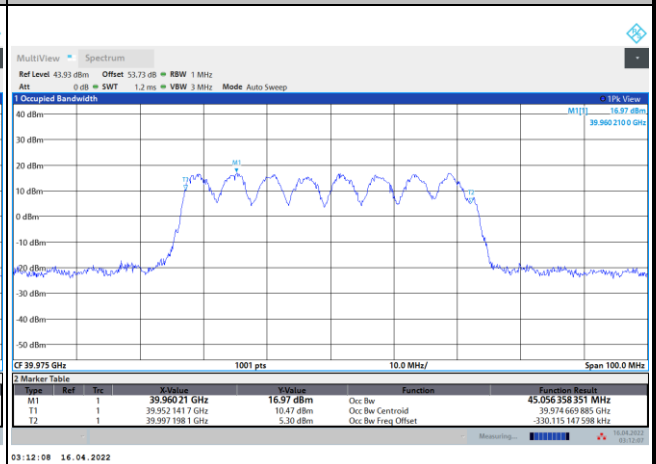
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

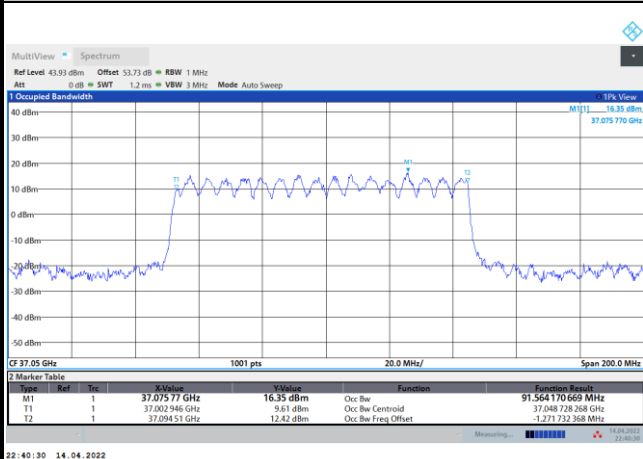




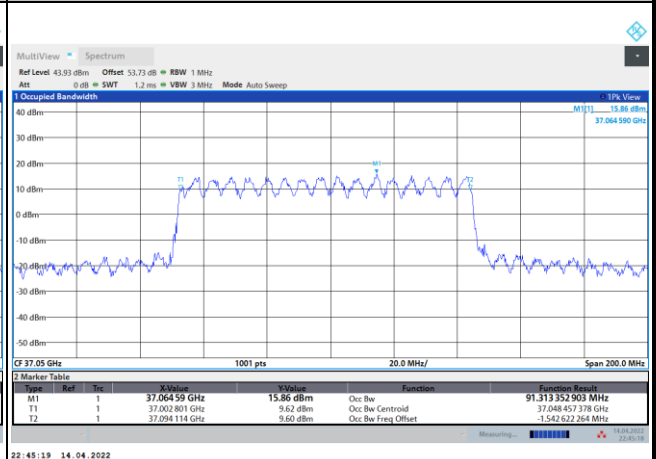
DFT-s-OFDM Module 1

NR Band n260

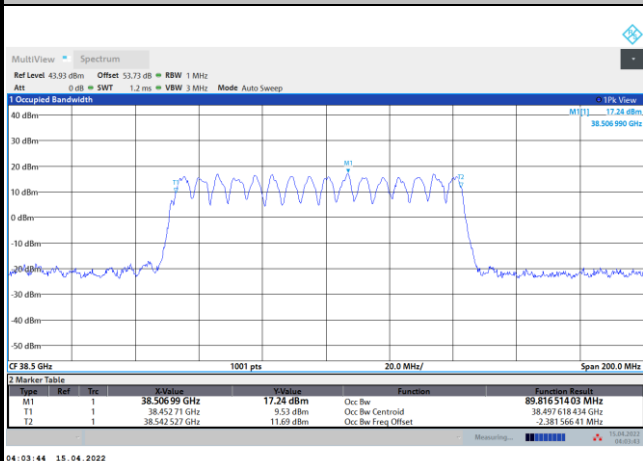
Lowest Channel / 100MHz / BPSK



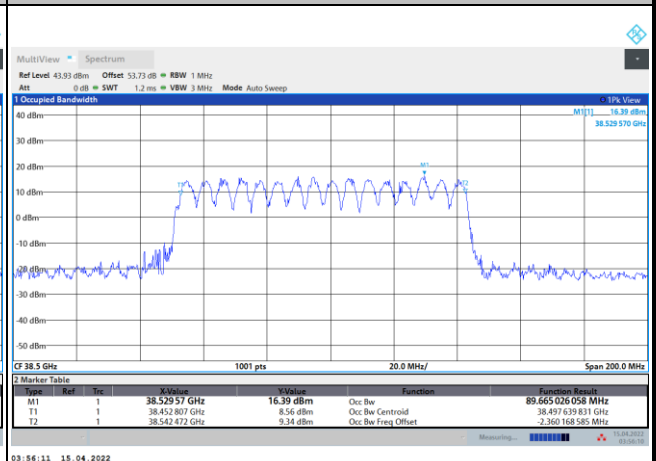
Lowest Channel / 100MHz / QPSK



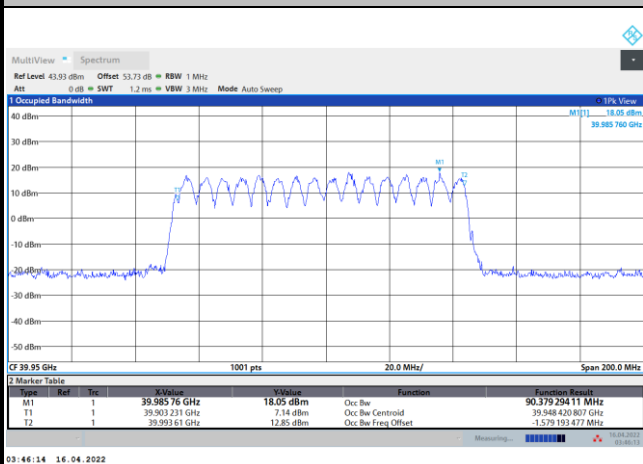
Middle Channel / 100MHz / BPSK



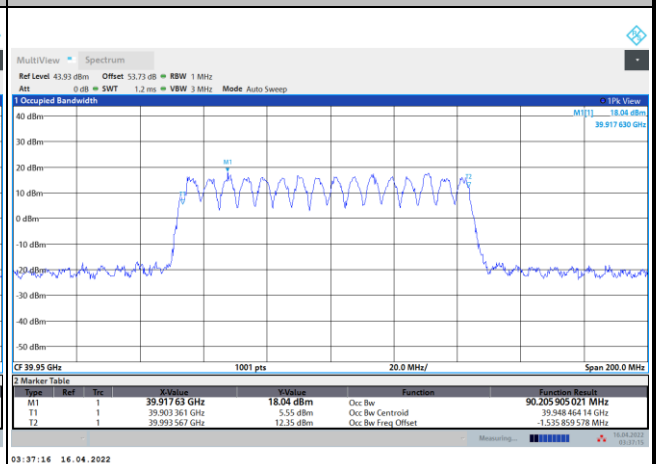
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

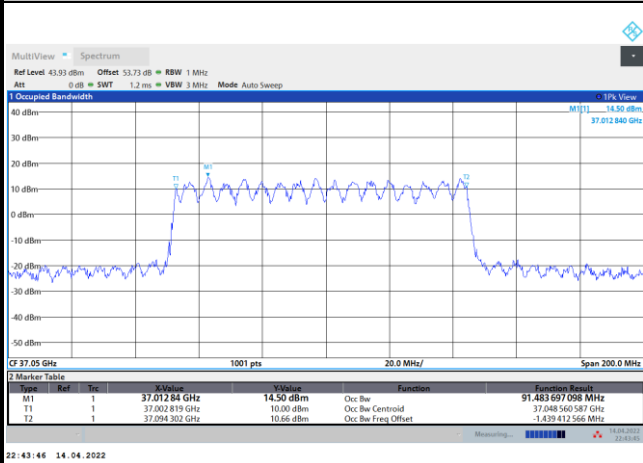




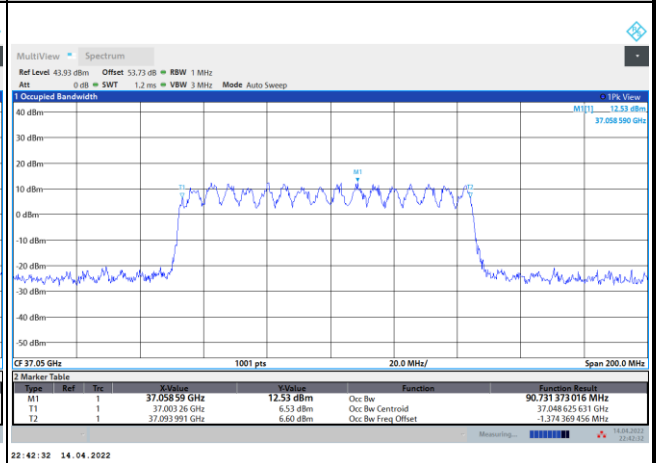
DFT-s-OFDM Module 1

NR Band n260

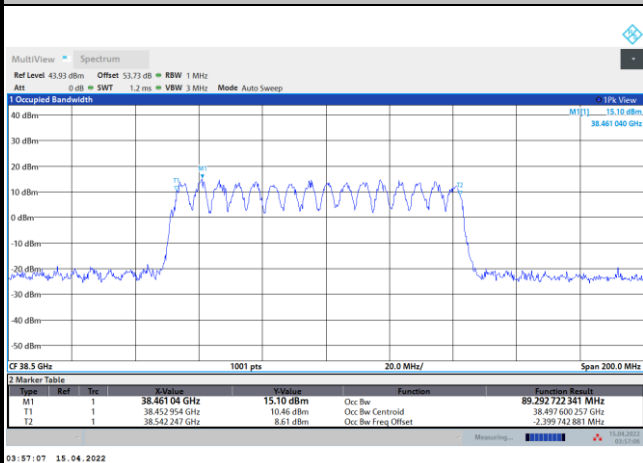
Lowest Channel / 100MHz / 16QAM



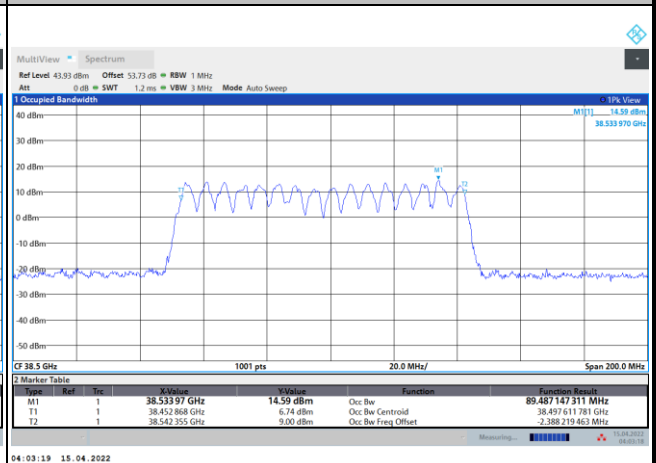
Lowest Channel / 100MHz / 64QAM



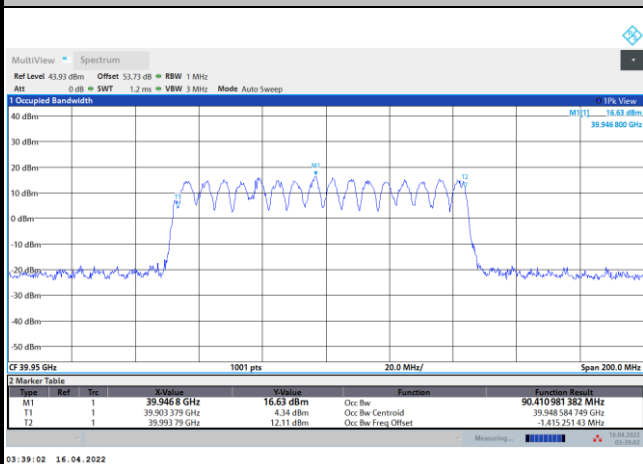
Middle Channel / 100MHz / 16QAM



Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

