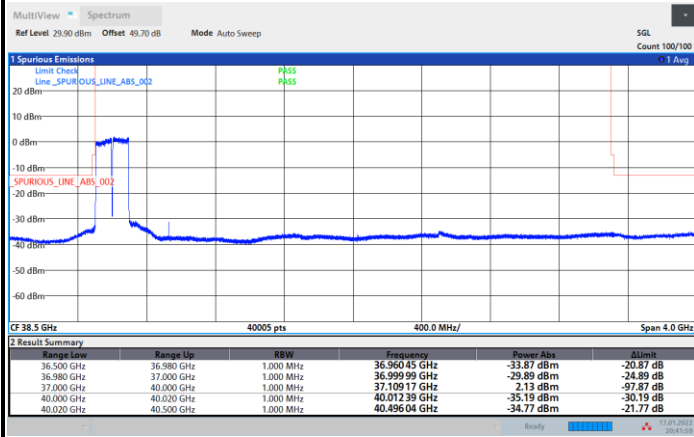




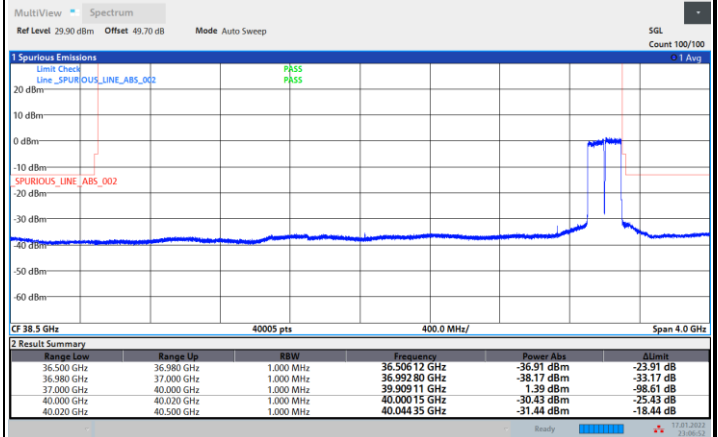
DFT-s-OFDM Module 1

NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

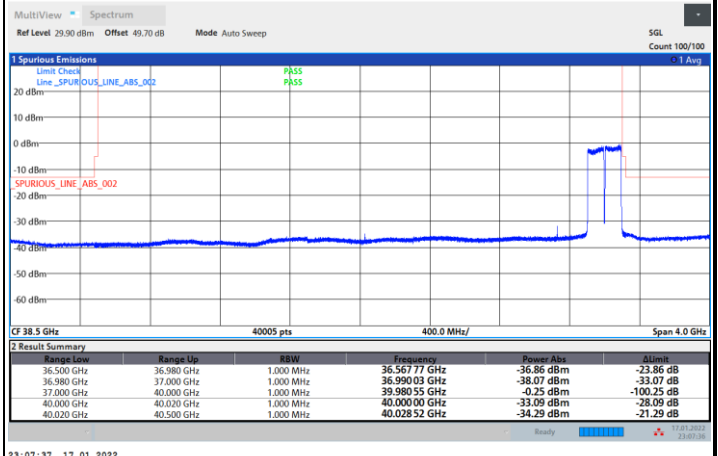


NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

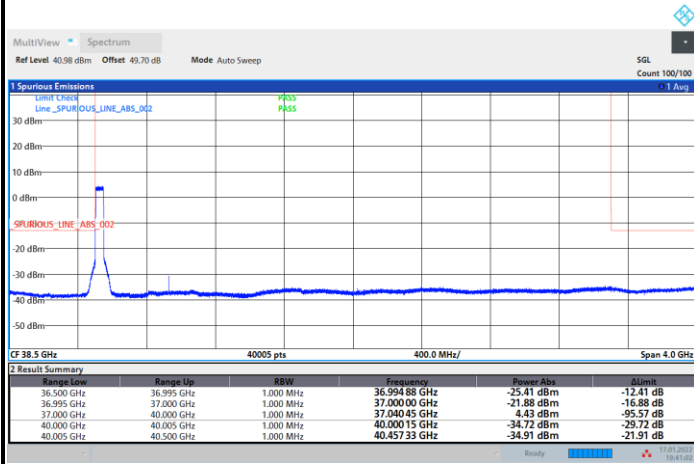




CP-OFDM Module 1

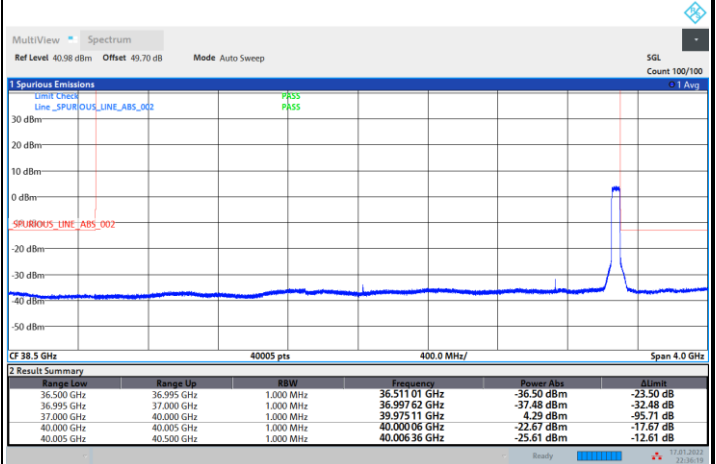
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



19:41:03 17.01.2022

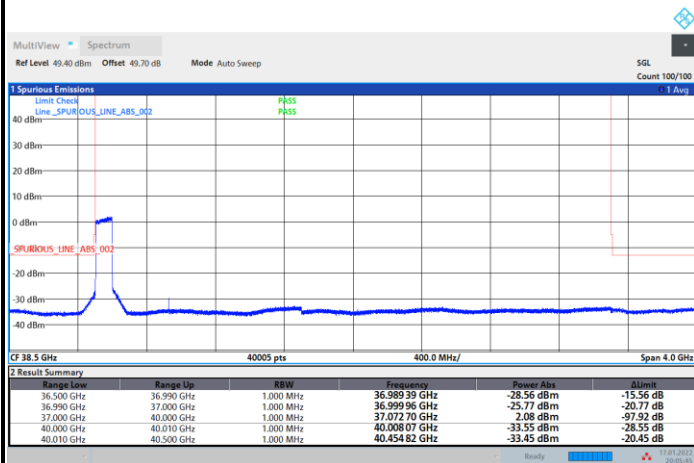
Highest Band Edge / Full RB



22:36:19 17.01.2022

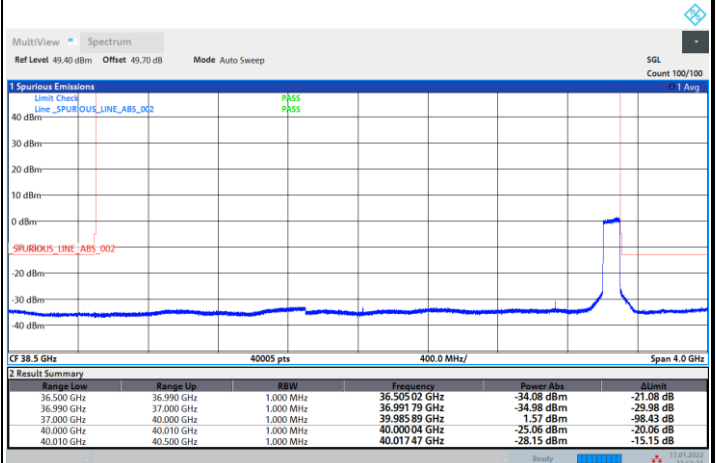
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



20:05:45 17.01.2022

Highest Band Edge / Full RB



22:51:22 17.01.2022

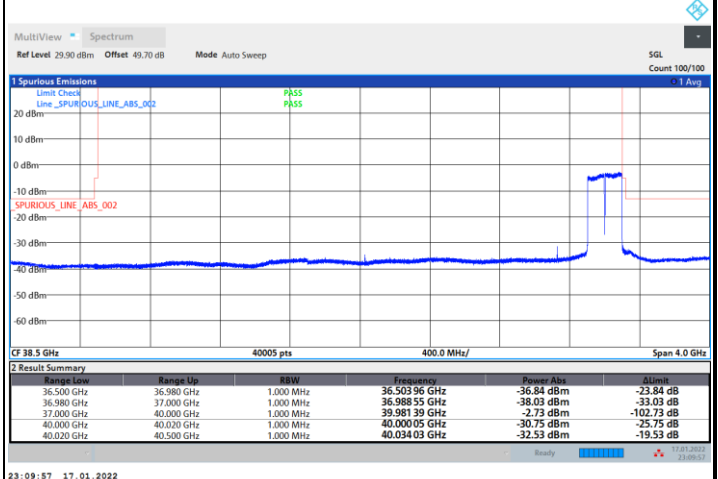
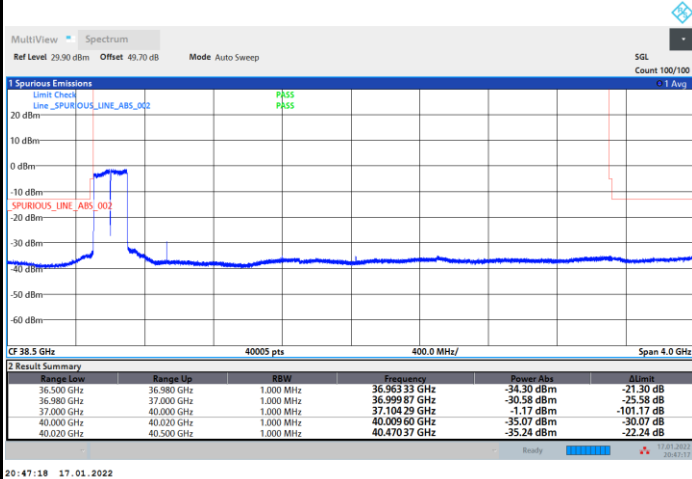


CP-OFDM Module 1

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



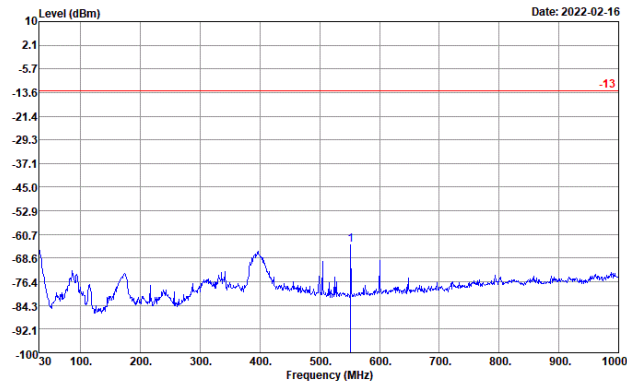
Spurious Emission

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 (30MHz-1GHz)

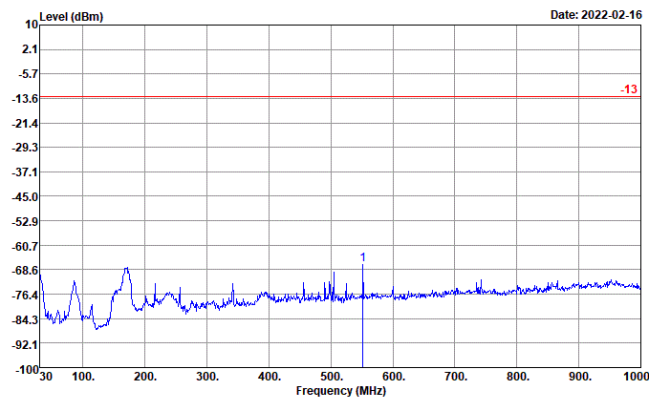
Horizontal



Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 HORIZONTAL
 : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec
 Project : 1D1645
 : n260 M1

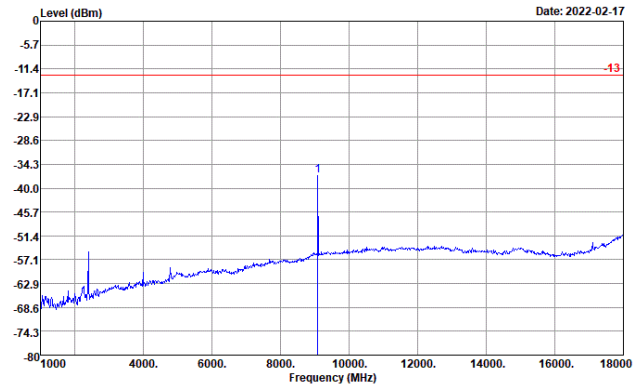
	Freq	Level	Over Limit	Limit Line	Read Level
	MHz	dBm	dB	dBm	dBm
1	551.86	-64.25	-51.25	-13.00	-64.49

Vertical



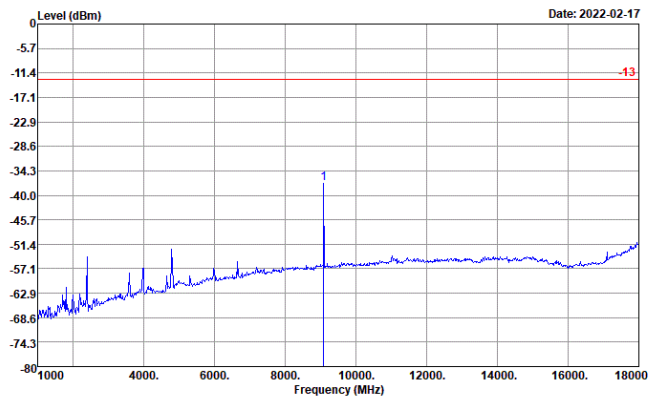
Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 VERTICAL
 : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec
 Project : 1D1645
 : n260 M1

		Limit		Read
Freq	Level	Over	Limit	Level
MHz	dBm	Limit	Line	dBm
1	551.86 -66.96	-53.96	-13.00	-70.99

NR Band n260 (1GHz-18GHz)
Horizontal


Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 HORIZONTAL
 : RBW:1000.000KHz VBW:3000.000KHz SWT:0.500sec
 Project : 1D1645
 : n260 M1

	Freq	Level	Over	Limit	Read
	MHz	dBm	Limit	Line	Level
	MHz	dBm	dB	dBm	dBm
1	9092.00	-36.99	-23.99	-13.00	-63.01

Vertical


Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 VERTICAL
 : RBW:1000.000KHz VBW:3000.000KHz SWT:0.500sec
 Project : 1D1645
 : n260 M1

	Freq	Level	Over	Limit	Read
	MHz	dBm	Limit	Line	Level
	MHz	dBm	dB	dBm	dBm
1	9092.00	-37.31	-24.31	-13.00	-62.58



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

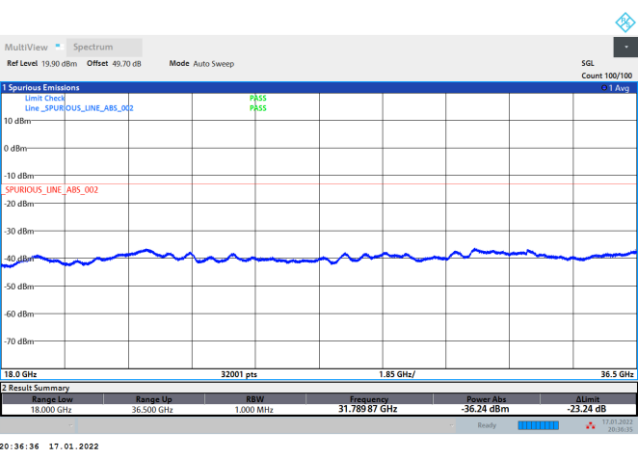
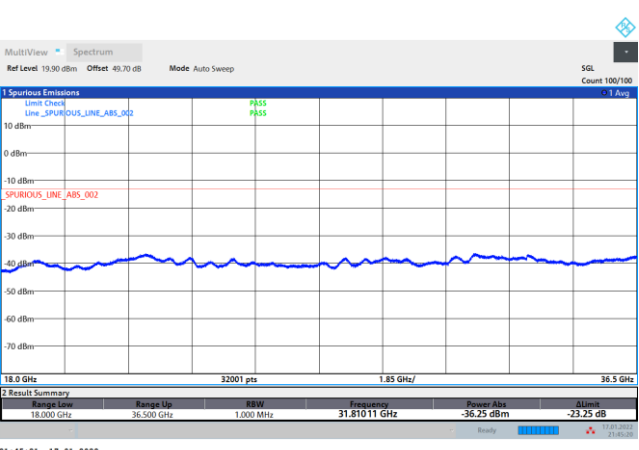
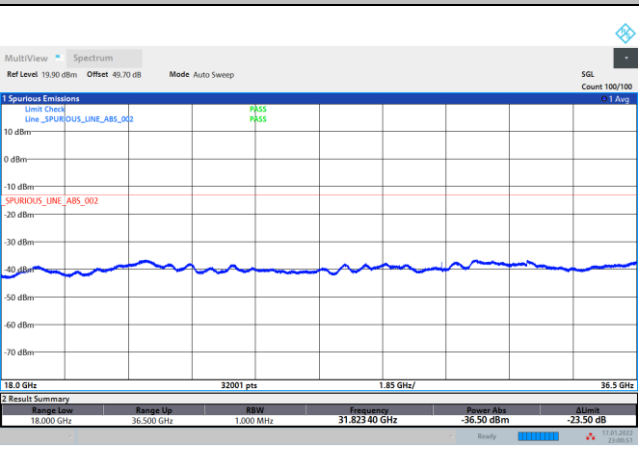
DFT-s-OFDM Module 1



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



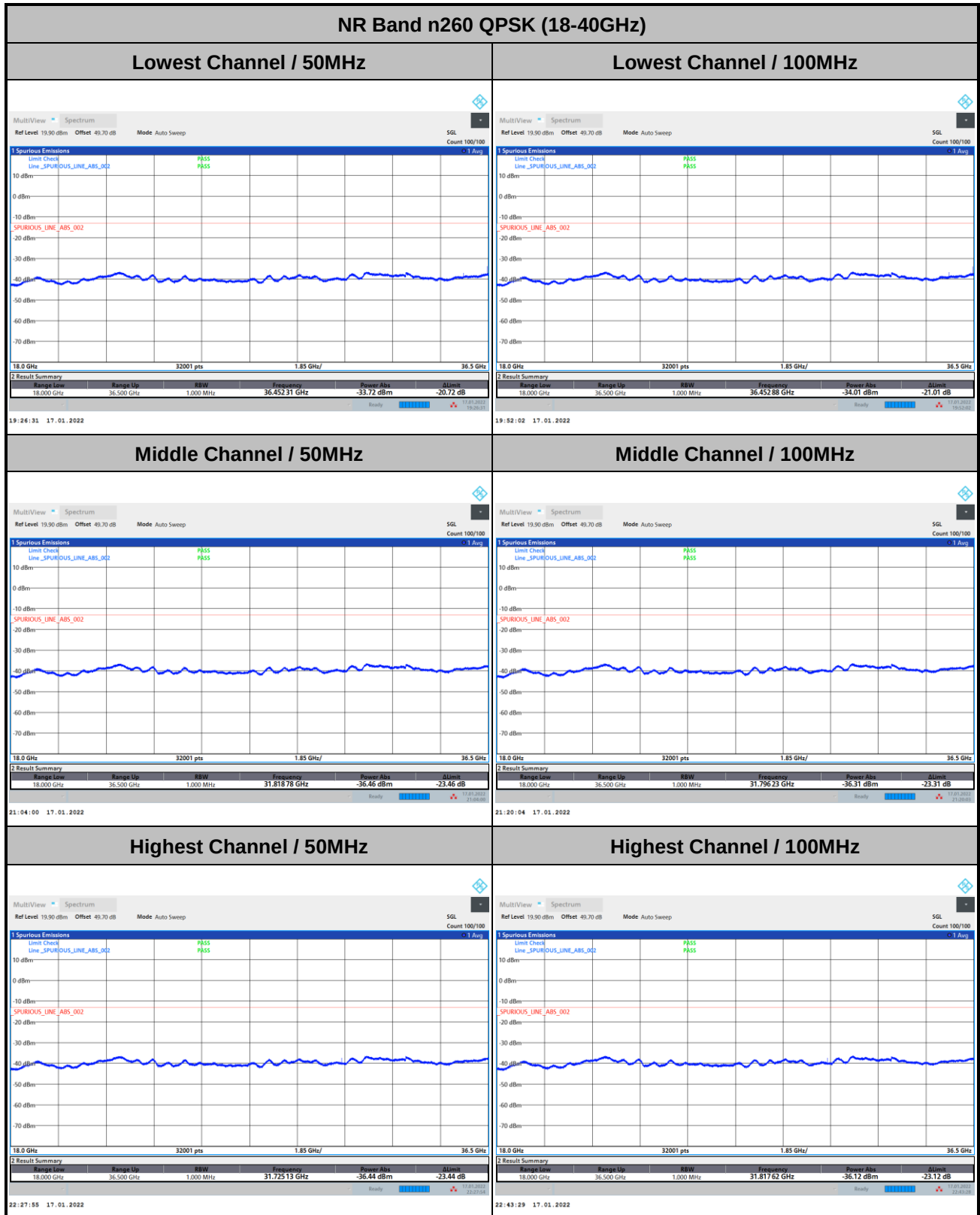
DFT-s-OFDM Module 1

NR Band n260 BPSK (18-40GHz)	
Lowest Channel / 200MHz	
	intentionally blank
Middle Channel / 200MHz	
	intentionally blank
Highest Channel / 200MHz	
	intentionally blank

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



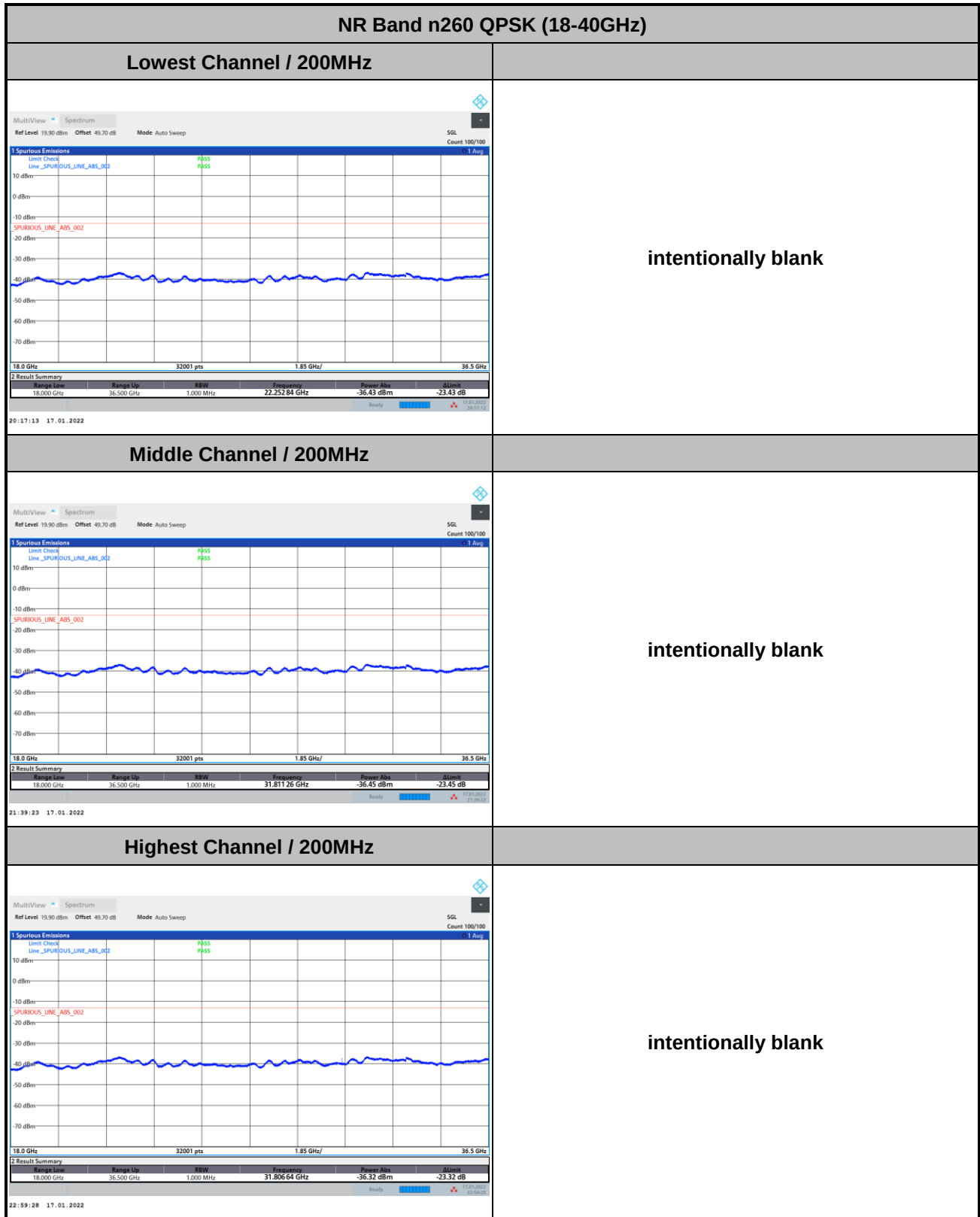
DFT-s-OFDM Module 1



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



DFT-s-OFDM Module 1



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



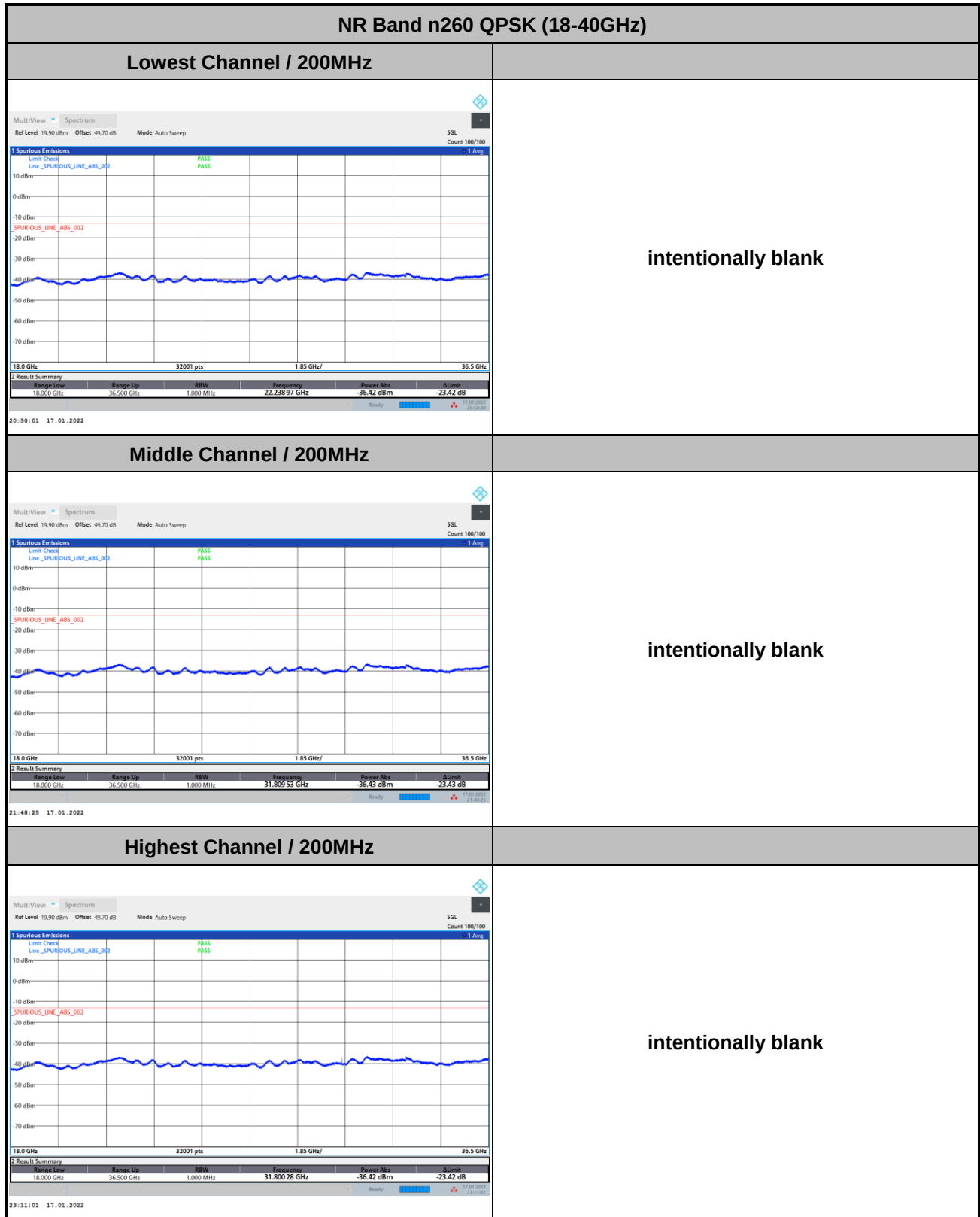
CP-OFDM Module 1



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

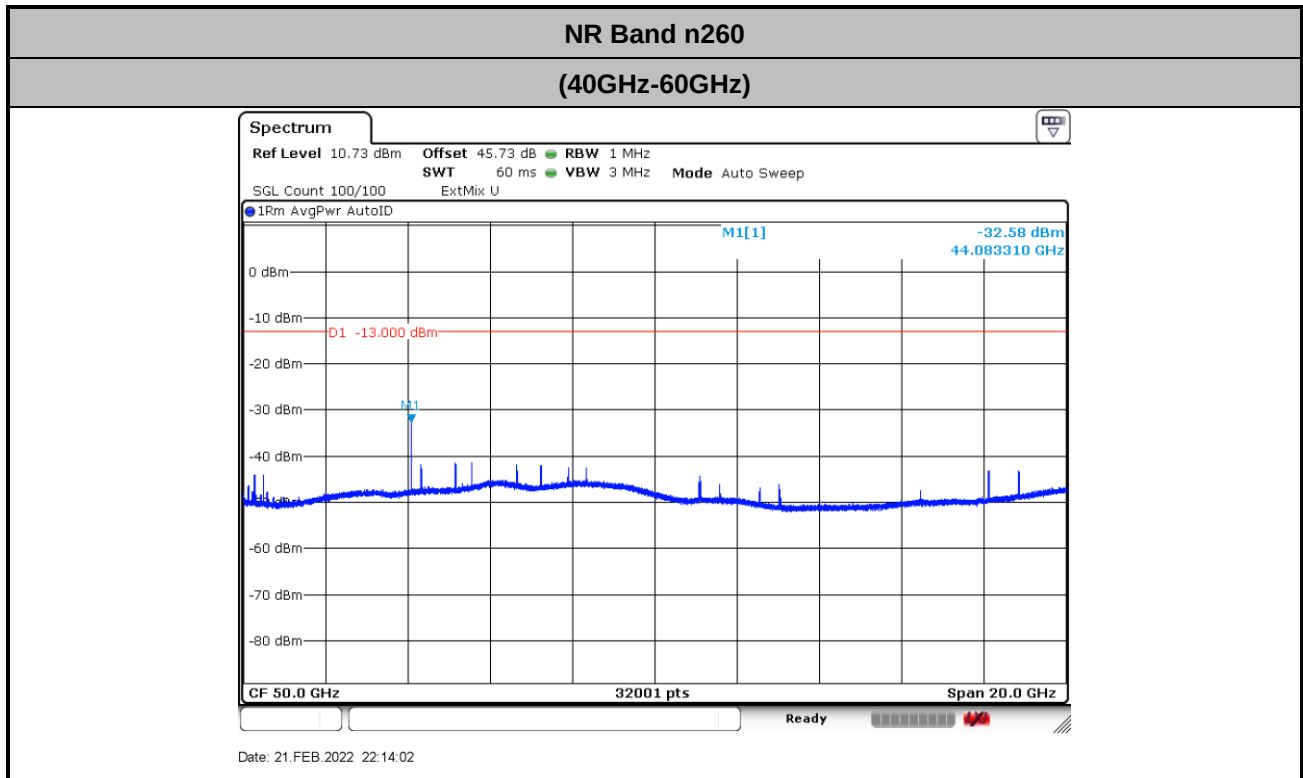


CP-OFDM Module 1

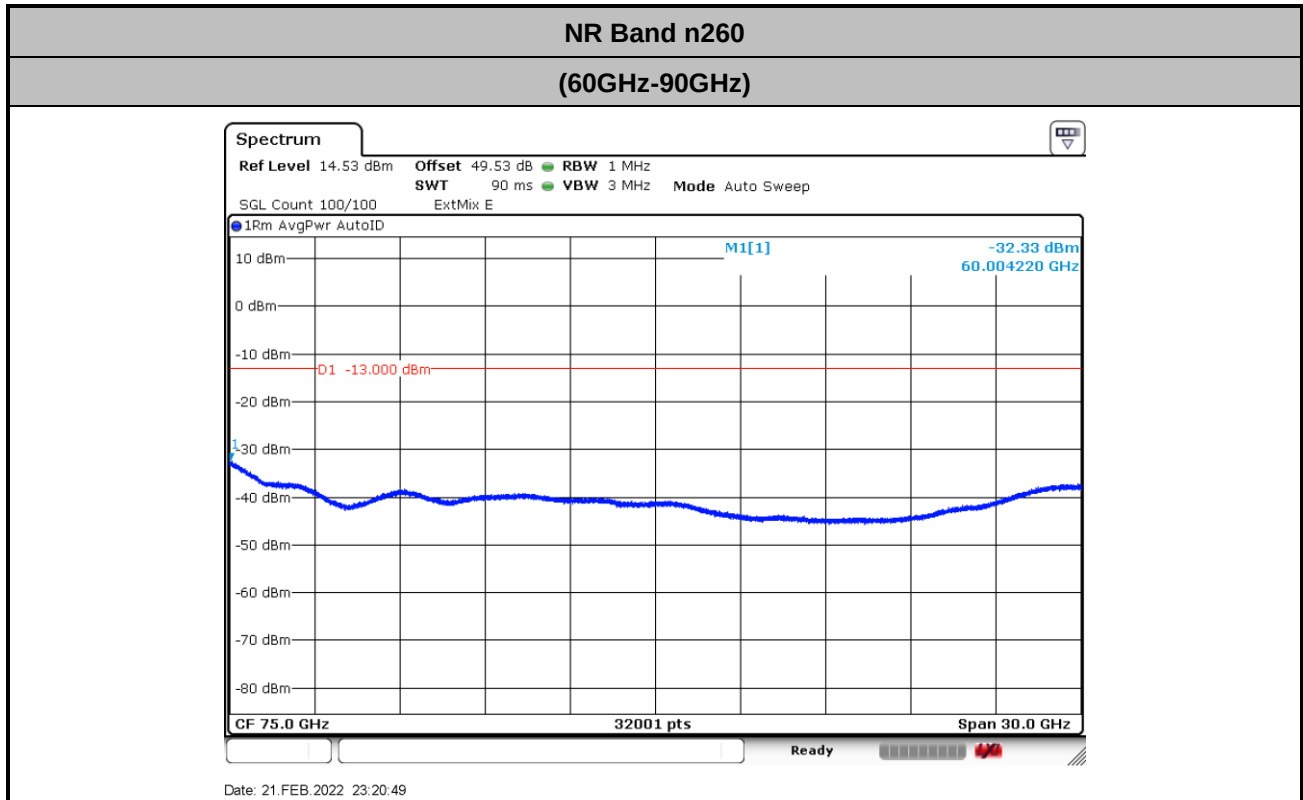


Remark: In band and out of band frequencies are omitted.

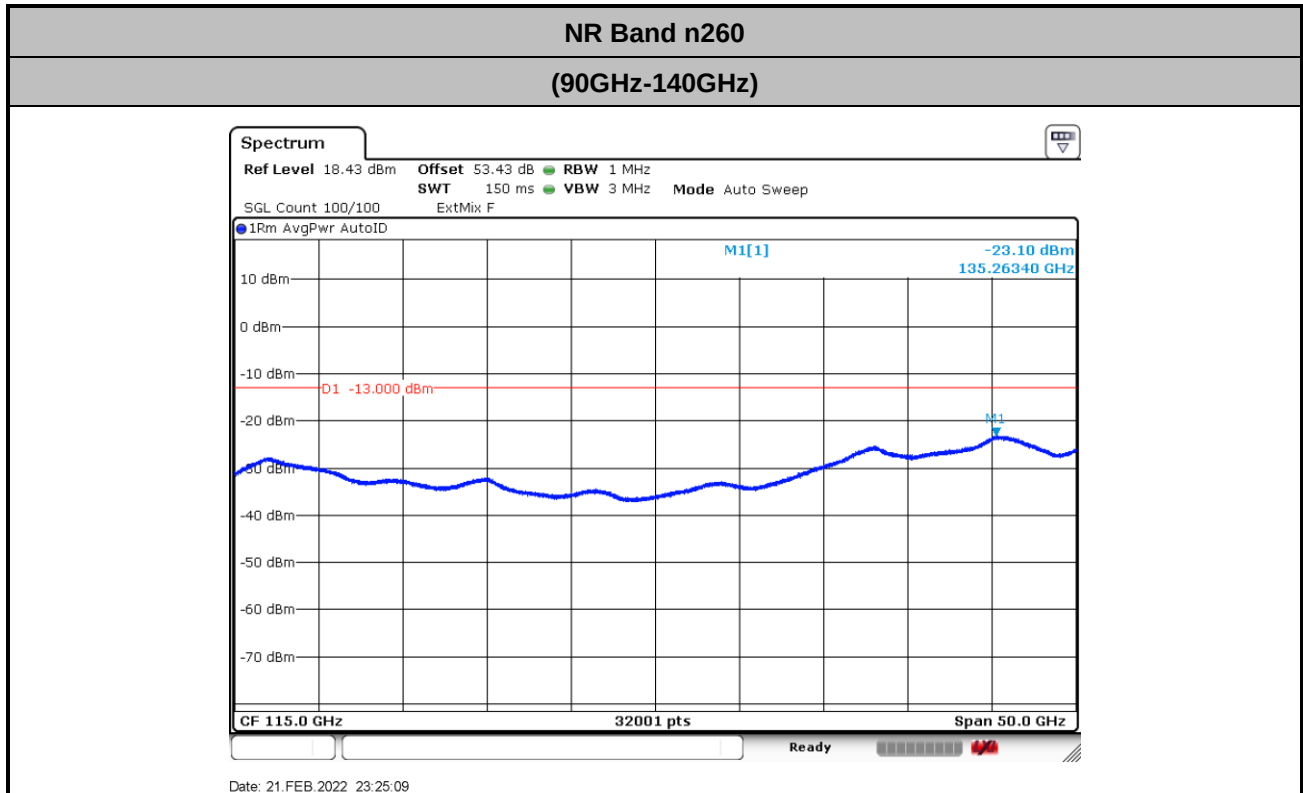
There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.
Only the noise floor is reported.



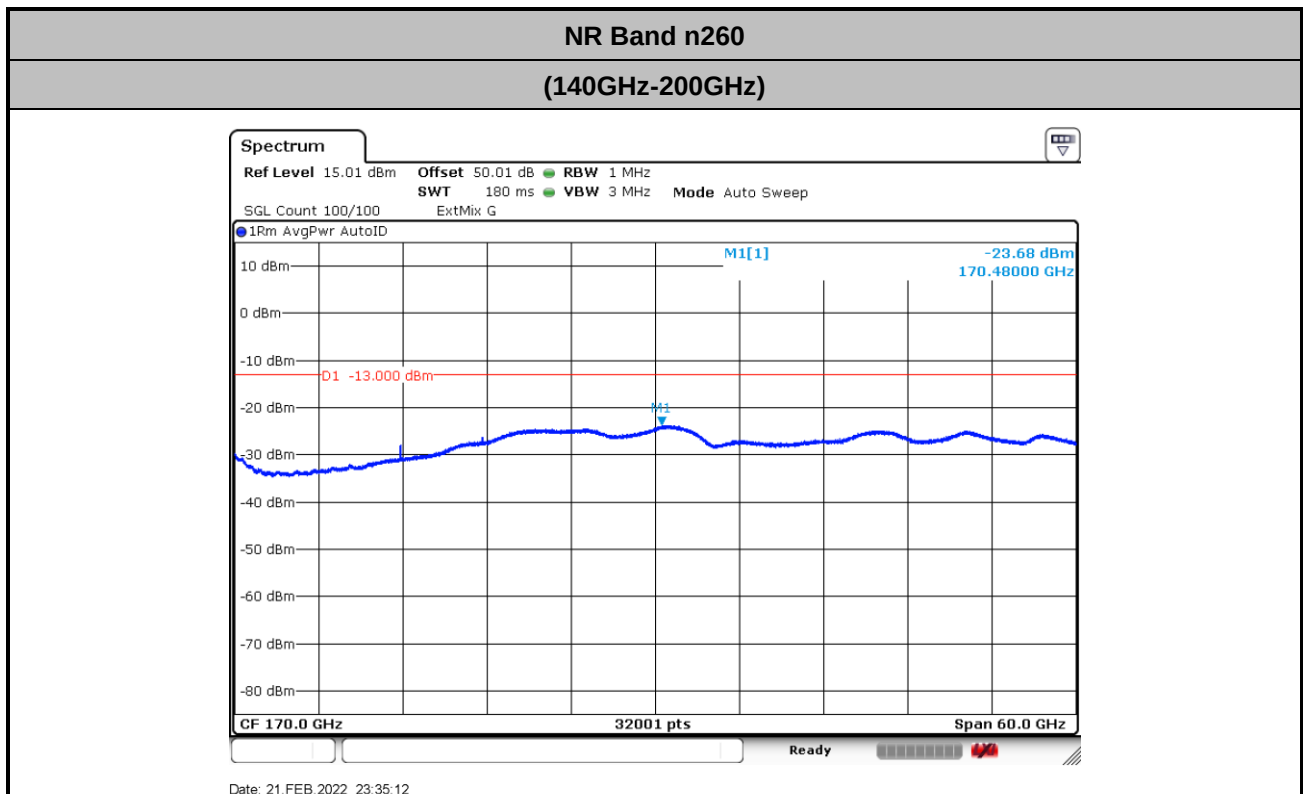
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 43.1 + 0.43 + 107 + 20\log(1) - 104.8 = 45.73 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 46.9 + 0.43 + 107 + 20\log(1) - 104.8 = 49.53 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 50.08 + 0.43 + 107 + 20\log(1) - 104.8 = 53.43 \text{ (dB)} \end{aligned}$$



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

$$= 53.4 + 0.43 + 107 + 20\log(0.5) - 104.8 = 50.01 \text{ (dB)}$$



NR Band n260 Module 2

Occupied Bandwidth

Mode	DFT-s-OFDM Module 2 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	46.03	46.18	45.82	45.84	91.54	91.40	91.37	91.60	190.05	189.59	189.99	189.91
Middle CH	46.07	45.99	45.79	45.81	91.61	91.29	91.37	91.54	189.64	189.76	189.64	190.00
Highest CH	46.04	46.11	45.85	45.87	91.41	91.25	91.34	91.56	189.53	189.66	189.88	189.60

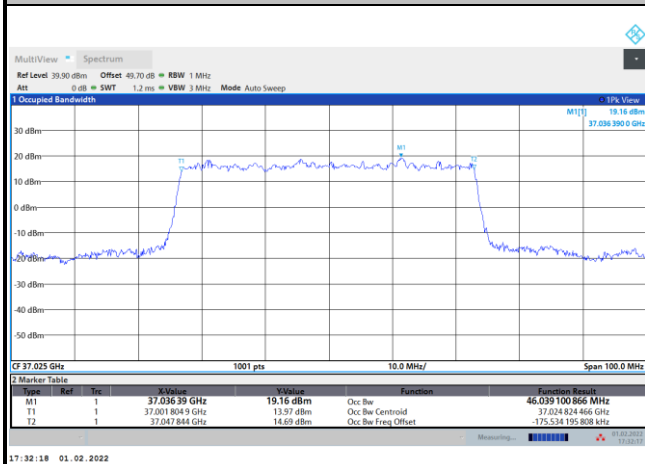
Mode	CP-OFDM Module 2 NR Band n260 : 99%OBW(MHz)		
BW	50MHz	100MHz	200MHz
Mod.	QPSK	QPSK	QPSK
Lowest CH	45.89	94.44	192.85
Middle CH	45.96	94.29	192.99
Highest CH	45.94	94.42	192.89



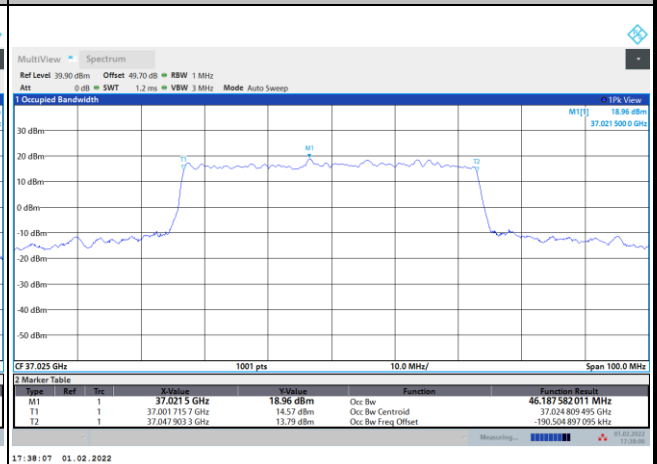
DFT-s-OFDM Module 2

NR Band n260

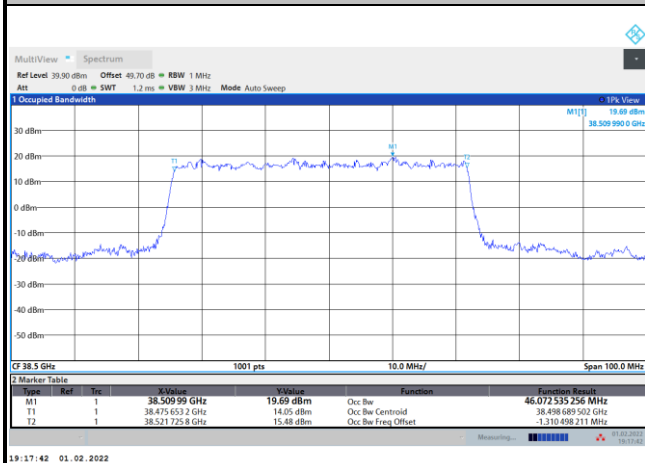
Lowest Channel / 50MHz / BPSK



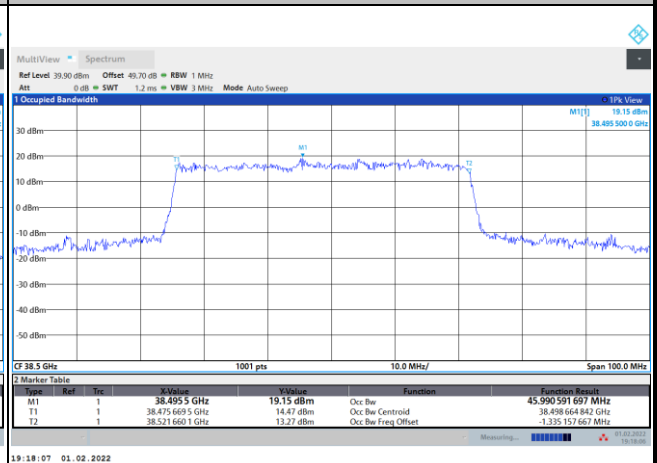
Lowest Channel / 50MHz / QPSK



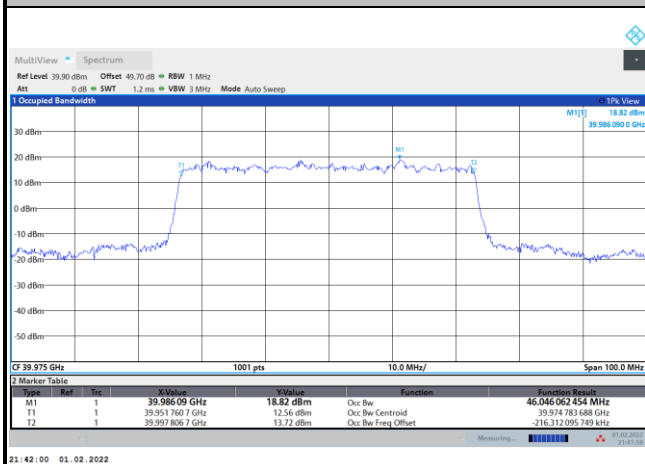
Middle Channel / 50MHz / BPSK



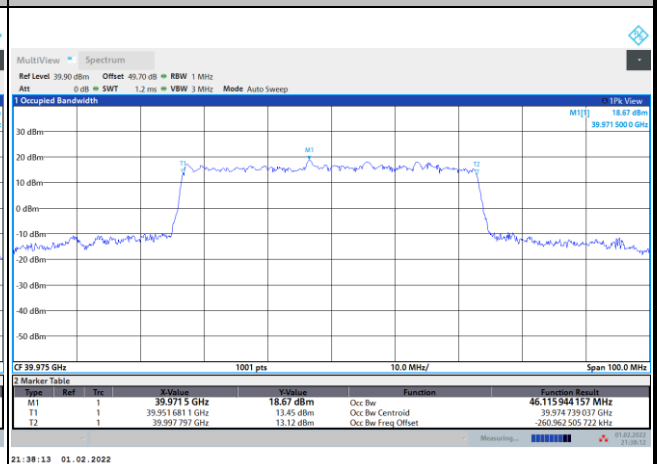
Middle Channel / 50MHz / QPSK

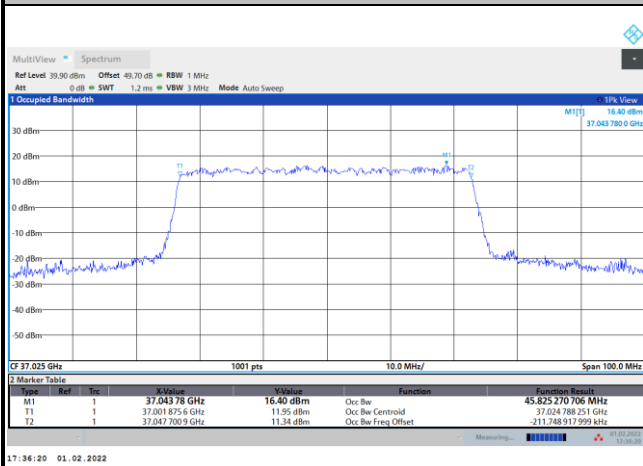
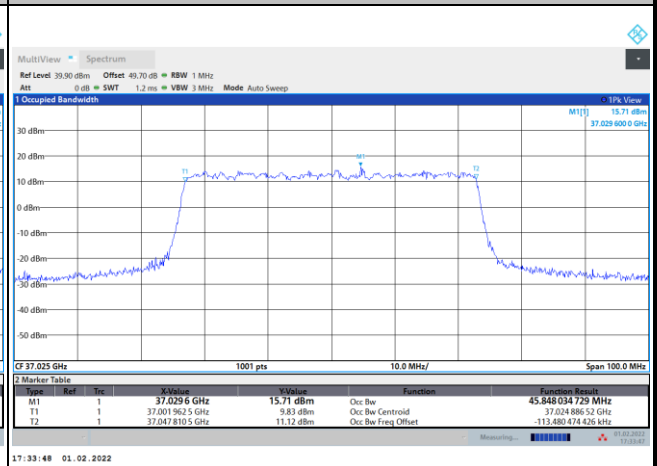
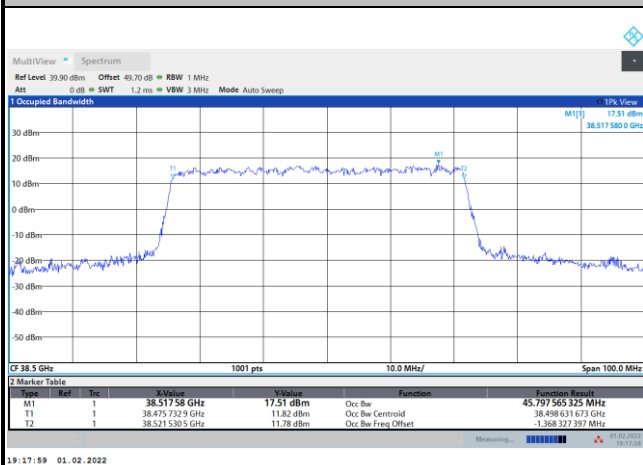
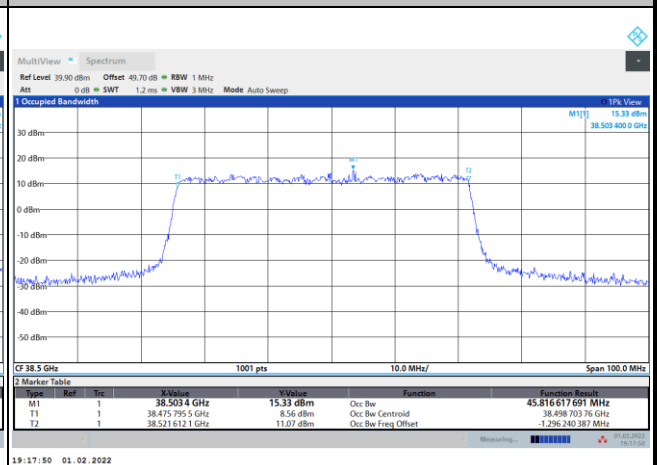
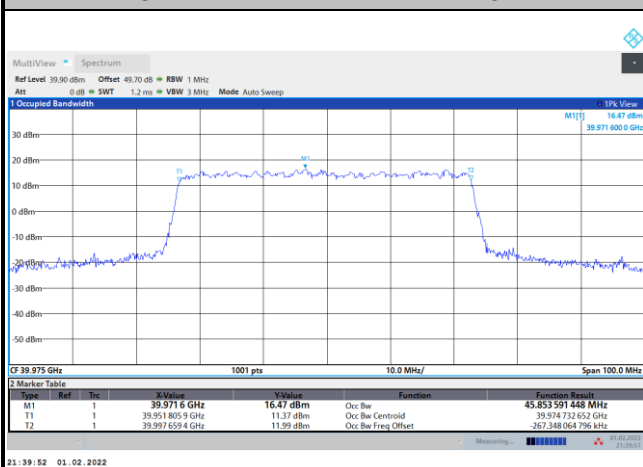
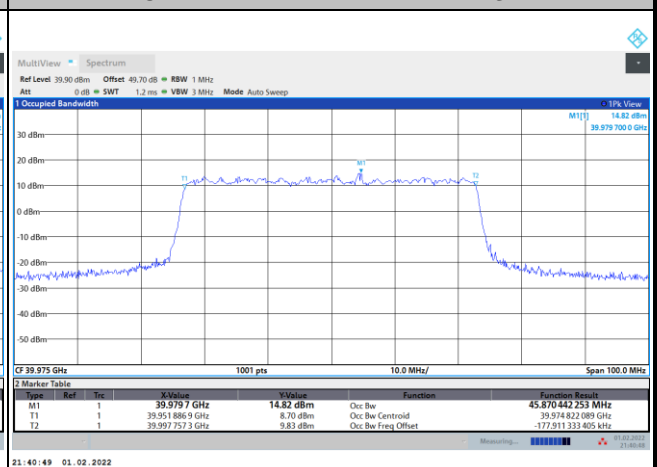


Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK



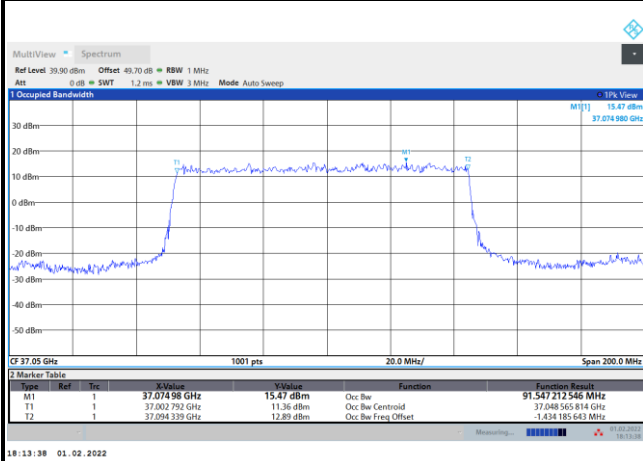
DFT-s-OFDM Module 2
NR Band n260
Lowest Channel / 50MHz / 16QAM

Lowest Channel / 50MHz / 64QAM

Middle Channel / 50MHz / 16QAM

Middle Channel / 50MHz / 64QAM

Highest Channel / 50MHz / 16QAM

Highest Channel / 50MHz / 64QAM




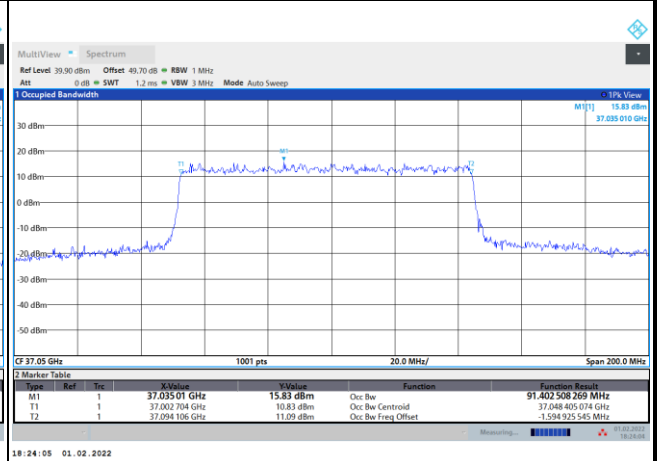
DFT-s-OFDM Module 2

NR Band n260

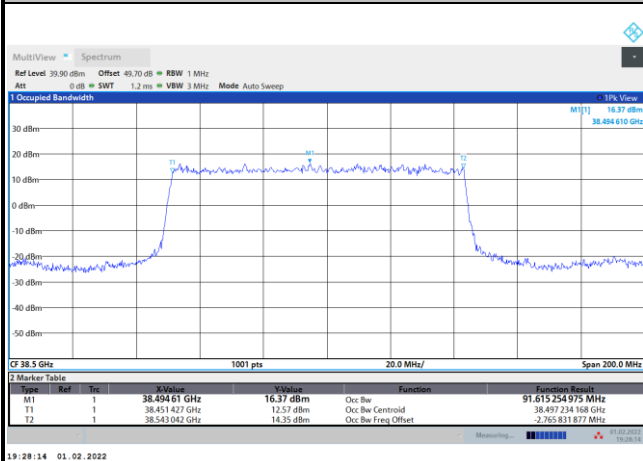
Lowest Channel / 100MHz / BPSK



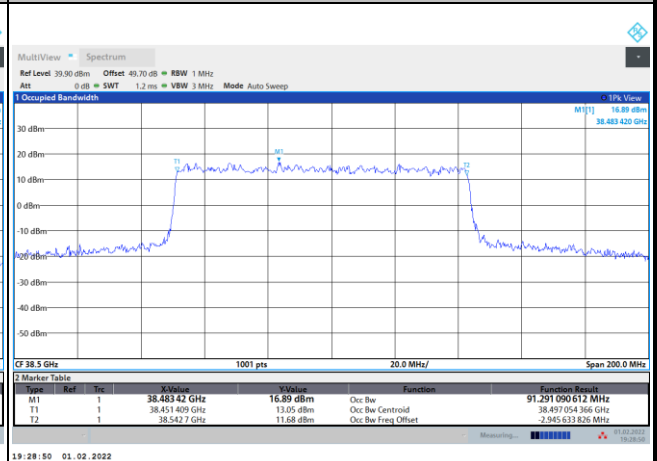
Lowest Channel / 100MHz / QPSK



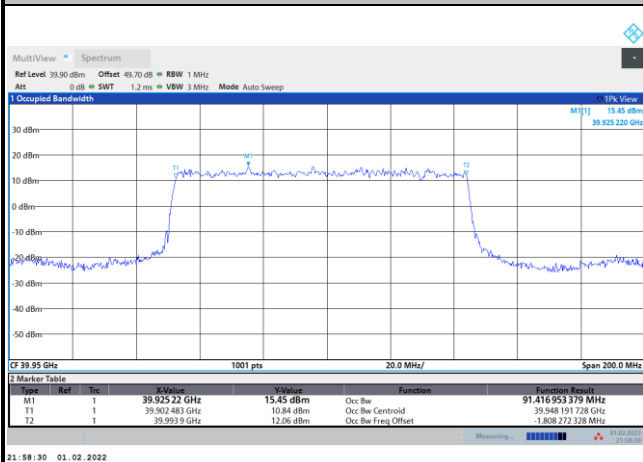
Middle Channel / 100MHz / BPSK



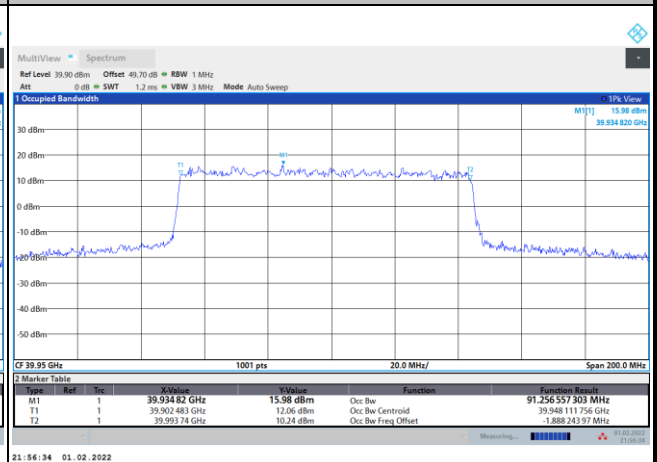
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

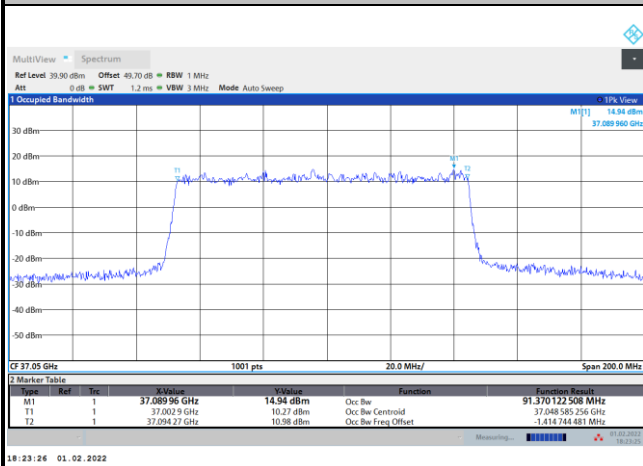




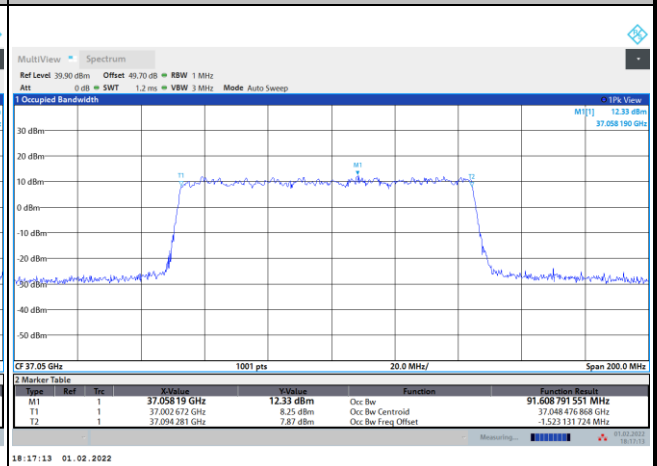
DFT-s-OFDM Module 2

NR Band n260

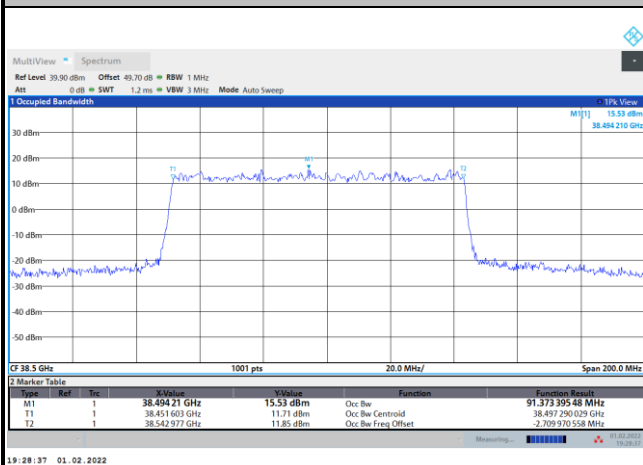
Lowest Channel / 100MHz / 16QAM



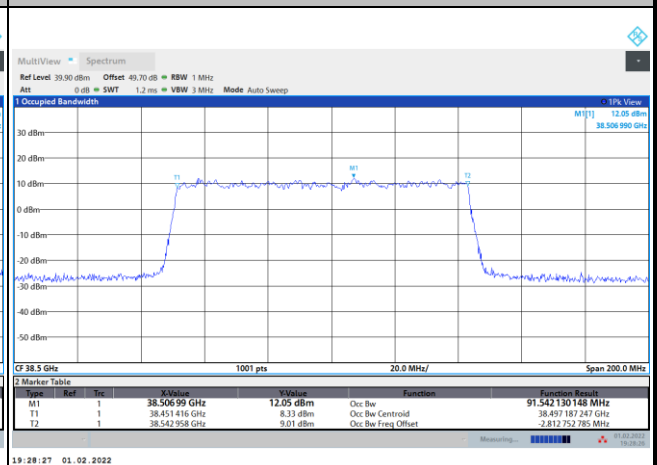
Lowest Channel / 100MHz / 64QAM



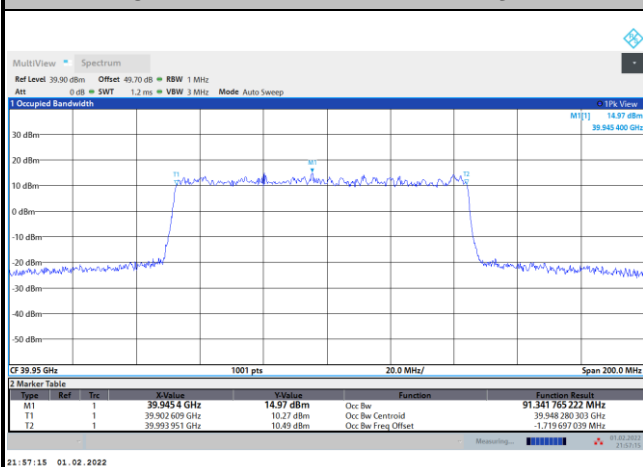
Middle Channel / 100MHz / 16QAM



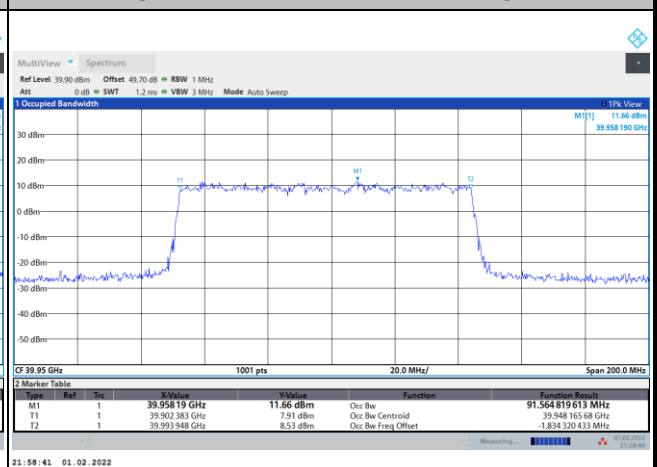
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

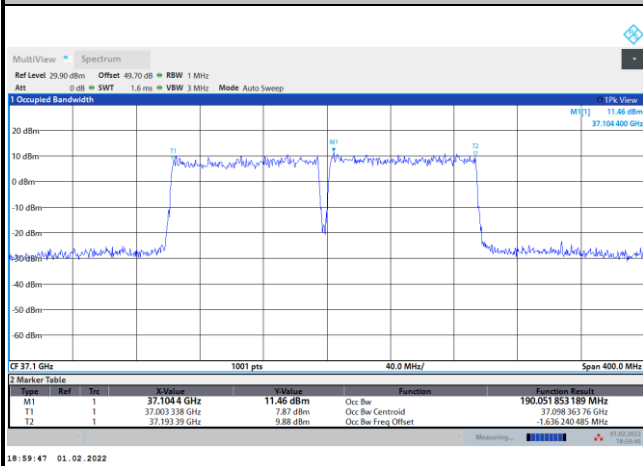




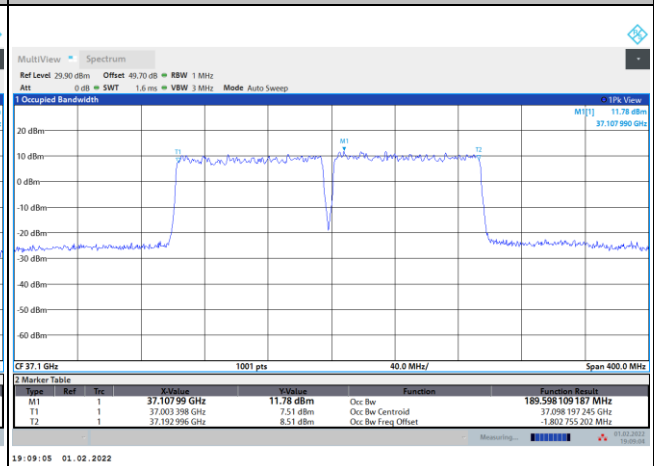
DFT-s-OFDM Module 2

NR Band n260

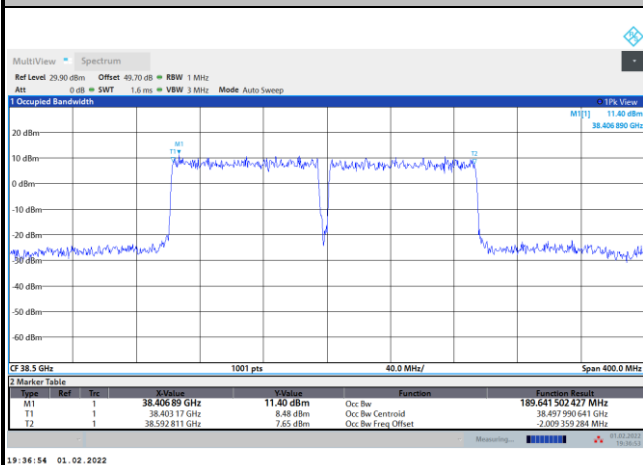
Lowest Channel / 200MHz / BPSK



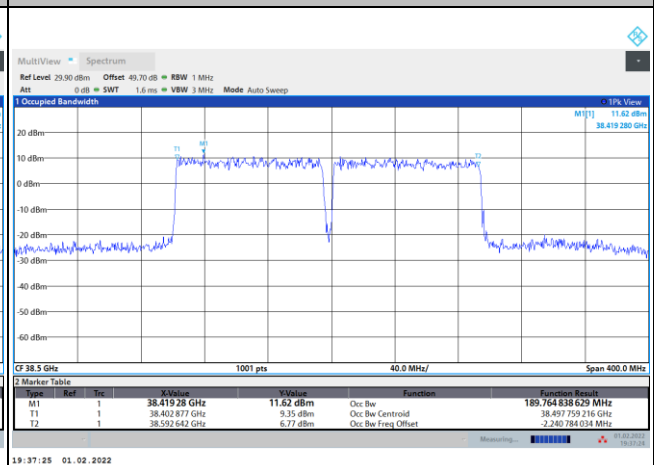
Lowest Channel / 200MHz / QPSK



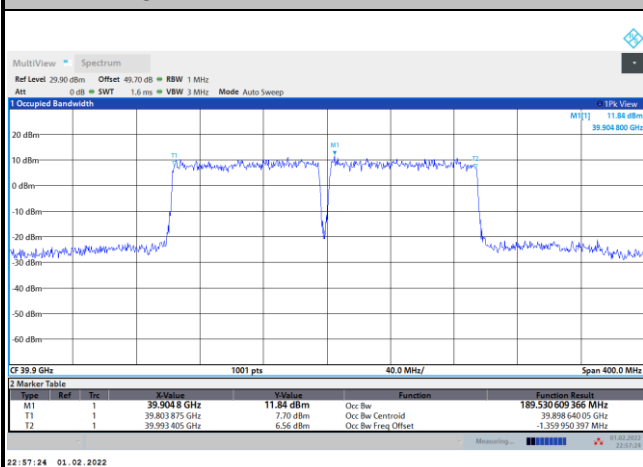
Middle Channel / 200MHz / BPSK



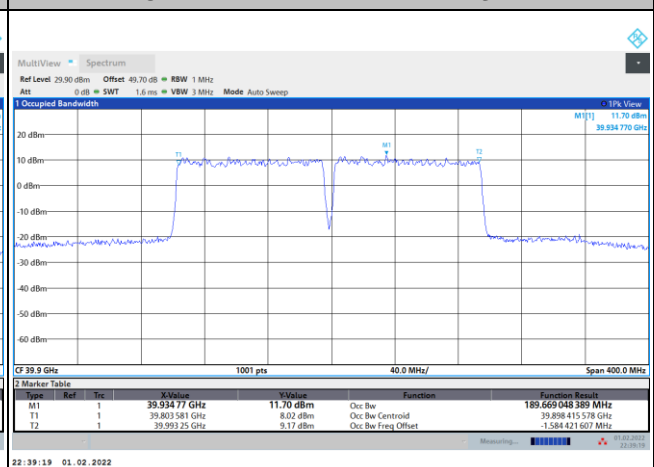
Middle Channel / 200MHz / QPSK



Highest Channel / 200MHz / BPSK

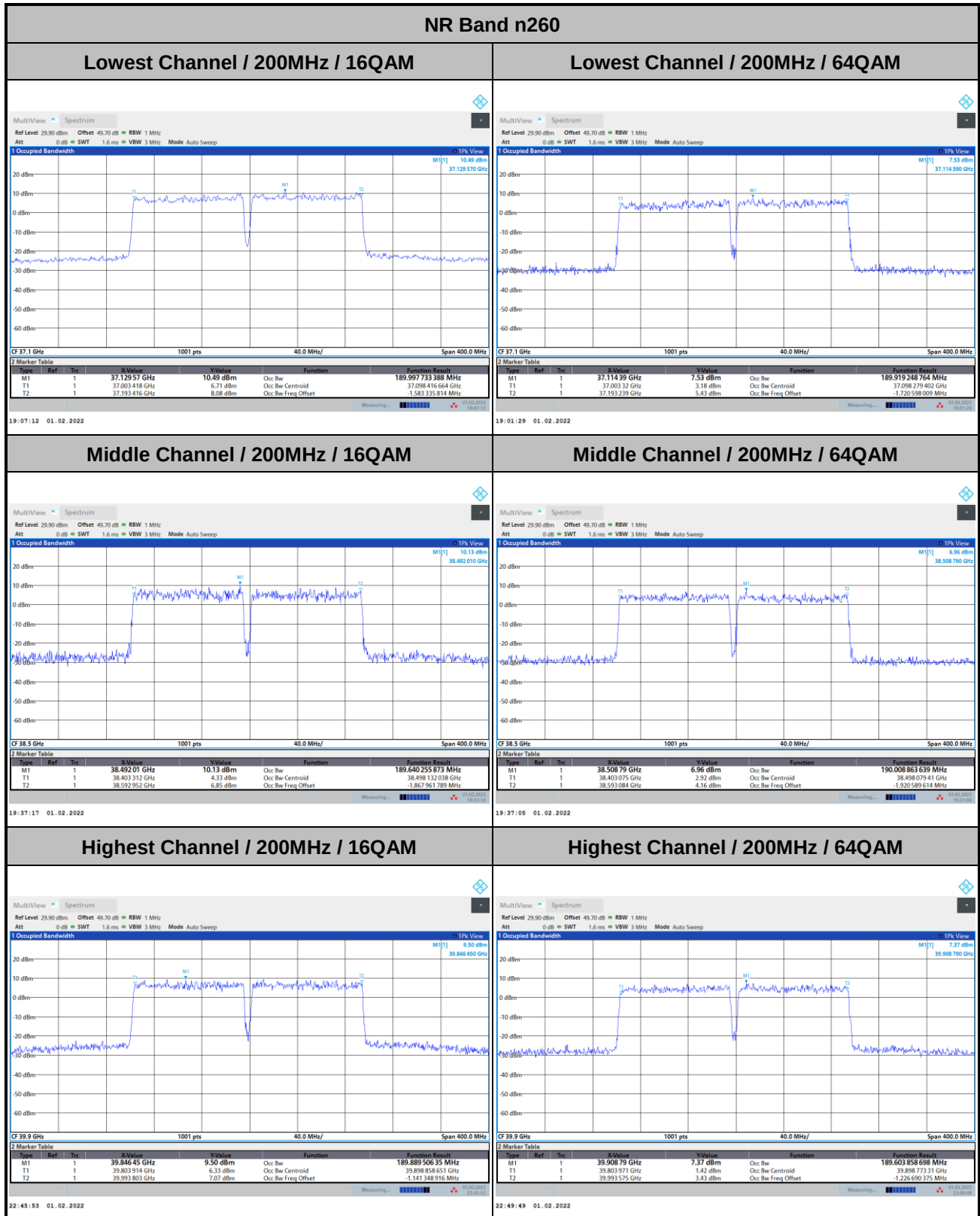


Highest Channel / 200MHz / QPSK





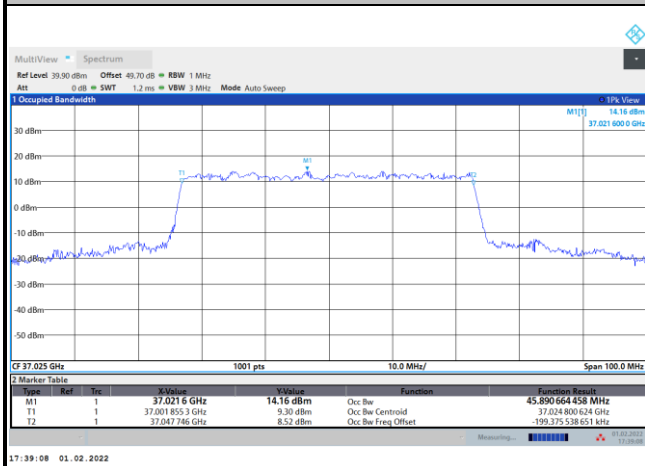
DFT-s-OFDM Module 2



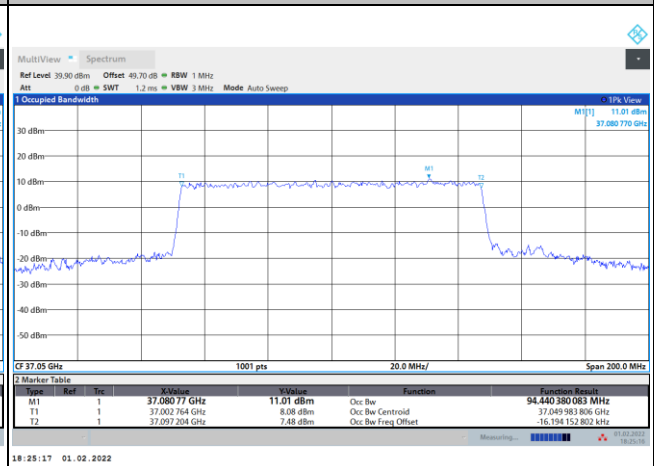
CP-OFDM Module 2

NR Band n260

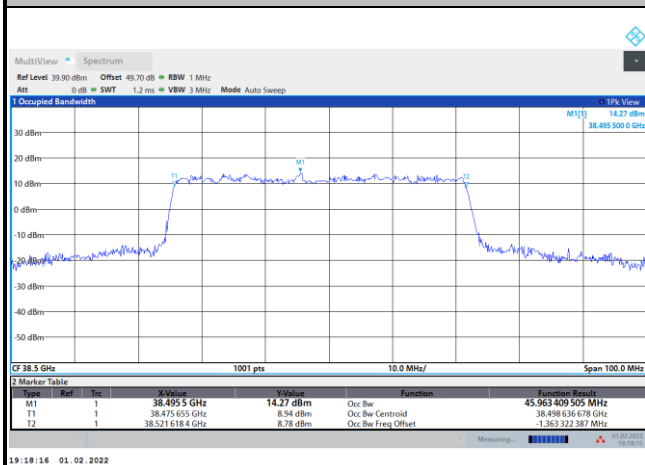
Lowest Channel / 50MHz / QPSK



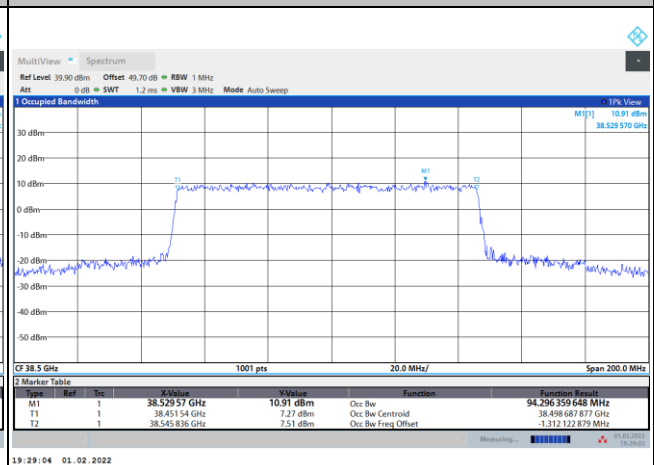
Lowest Channel / 100MHz / QPSK



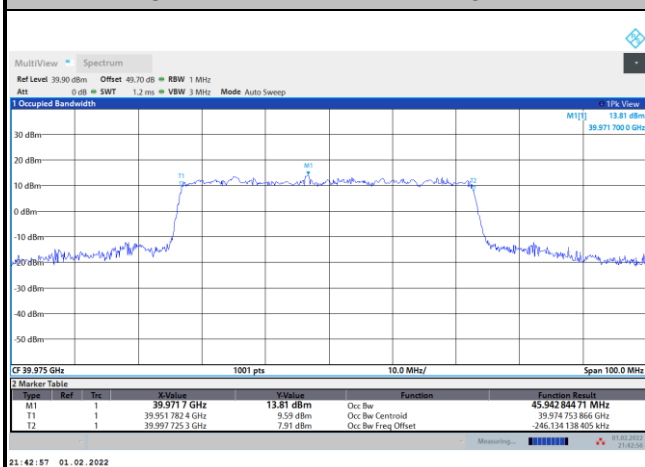
Middle Channel / 50MHz / QPSK



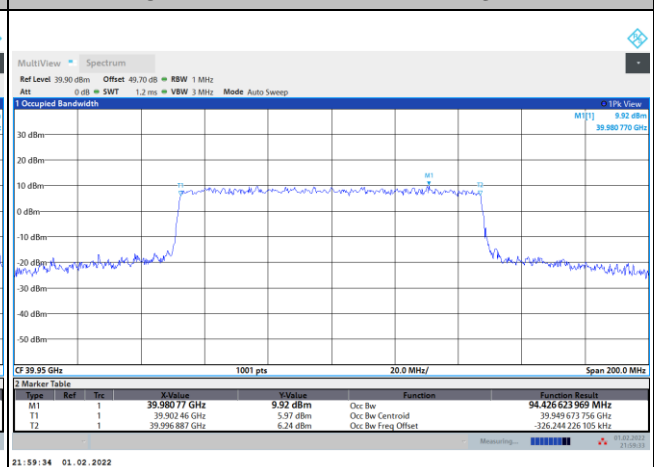
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / QPSK



Highest Channel / 100MHz / QPSK

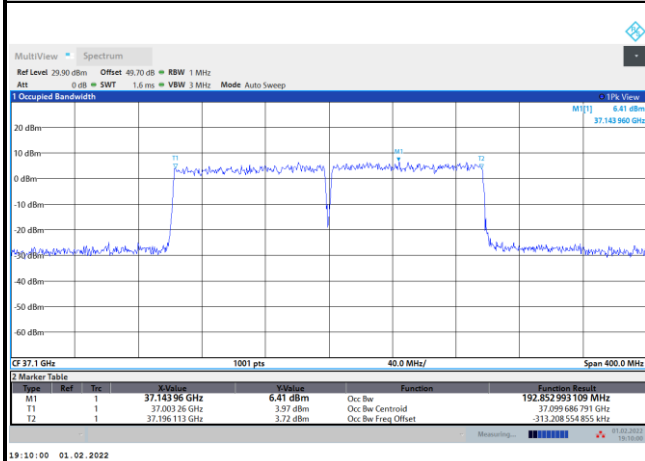




CP-OFDM Module 2

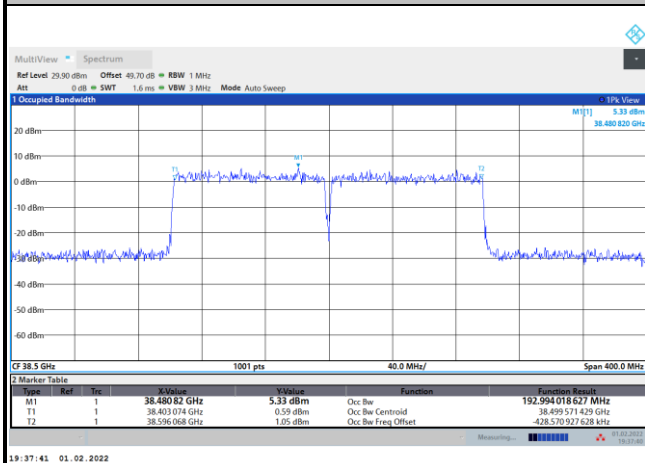
NR Band n260

Lowest Channel / 200MHz / QPSK



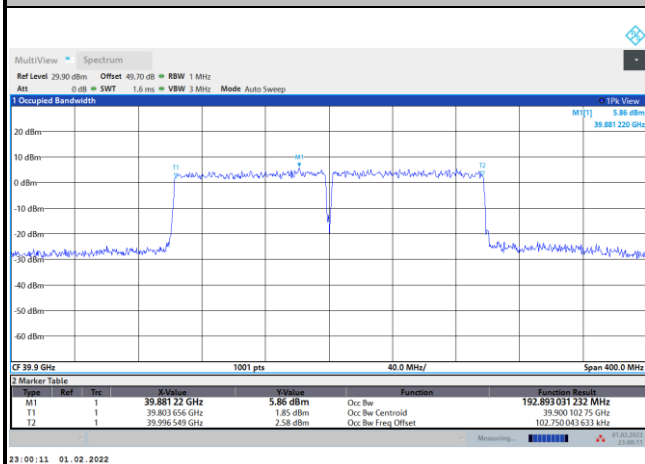
intentionally blank

Middle Channel / 200MHz / QPSK



intentionally blank

Highest Channel / 200MHz / QPSK



intentionally blank

Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-7.52	-7.53	-7.34	-7.57	-8.88	-9.14	-11.29	-10.69	-18.19	-17.76	-18.39	-16.06
	>10%OB	≤-13	-23.31	-22.84	-24.78	-25.52	-28.34	-28.31	-29.47	-29.47	-24.66	-23.37	-24.86	-21.61
High CH	0~10%OB	≤-5	-10.17	-10.44	-12.16	-13.42	-11.27	-11.13	-14.25	-14.43	-19.97	-19.75	-21.51	-19.51
	>10%OB	≤-13	-22.13	-22.06	-24.09	-24.46	-28.07	-27.56	-29.45	-29.44	-26.58	-25.77	-25.09	-21.96
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB					
BW			50MHz		100MHz		200MHz	
Limit (dBm)			QPSK		QPSK		QPSK	
Low CH	0~10%OB	≤-5	-10.89		-12.83		-18.36	
	>10%OB	≤-13	-27.46		-30.02		-17.69	
High CH	0~10%OB	≤-5	-16.22		-16.52		-22.62	
	>10%OB	≤-13	-26.94		-30.56		-20.00	
Result			Compliance					

Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) Full RB											
BW			50MHz				100MHz				200MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-20.06	-18.84	-22.57	-25.56	-23.52	-22.46	-25.34	-27.11	-27.93	-28.83	-29.62	-30.83
	>10%OB	≤-13	-27.47	-22.03	-30.01	-32.94	-31.25	-25.72	-31.97	-33.87	-34.08	-34.12	-34.06	-36.41
High CH	0~10%OB	≤-5	-20.31	-18.31	-23.03	-25.91	-24.91	-22.28	-27.29	-30.68	-29.15	-29.24	-30.36	-33.48
	>10%OB	≤-13	-24.86	-21.26	-26.44	-30.92	-28.54	-24.75	-29.57	-32.47	-30.53	-29.91	-31.53	-34.29
Result			Compliance											

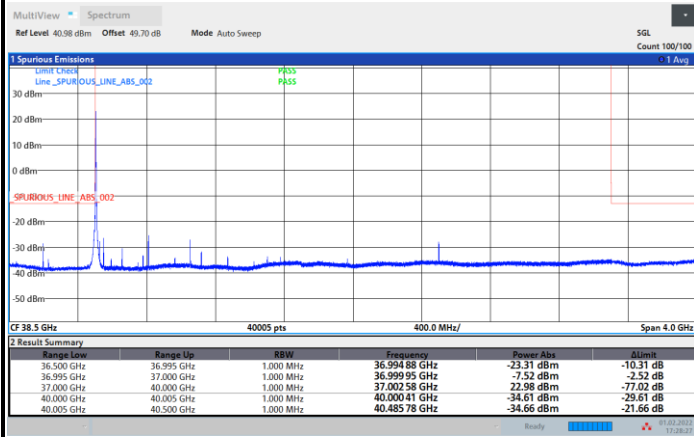
Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) Full RB			
BW			50MHz	100MHz		200MHz
Limit (dBm)			QPSK	QPSK		QPSK
Low CH	0~10%OB	≤-5	-22.90	-26.80		-31.11
	>10%OB	≤-13	-26.36	-28.76		-35.24-
High CH	0~10%OB	≤-5	-22.00	-25.62		-31.68
	>10%OB	≤-13	-25.20	-27.47		-33.50
Result			Compliance			



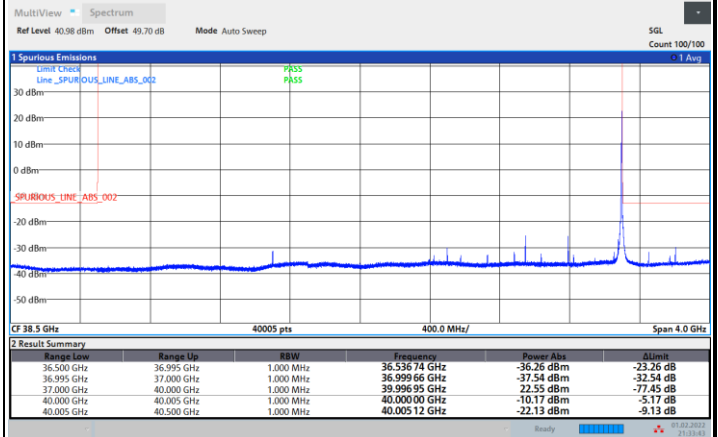
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB

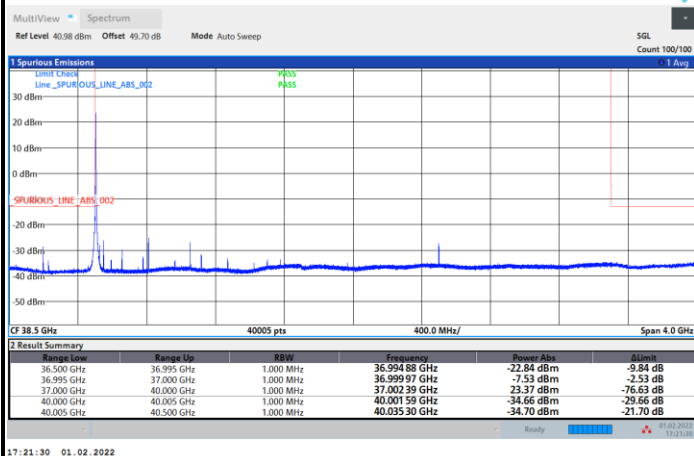


Highest Band Edge / 1 RB

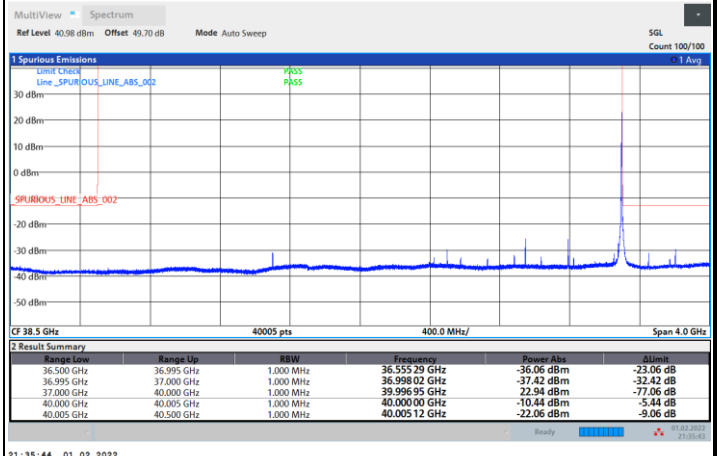


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

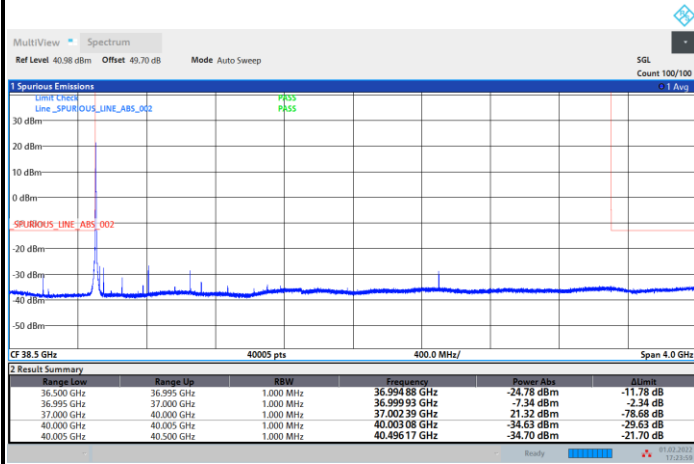




DFT-s-OFDM Module 2

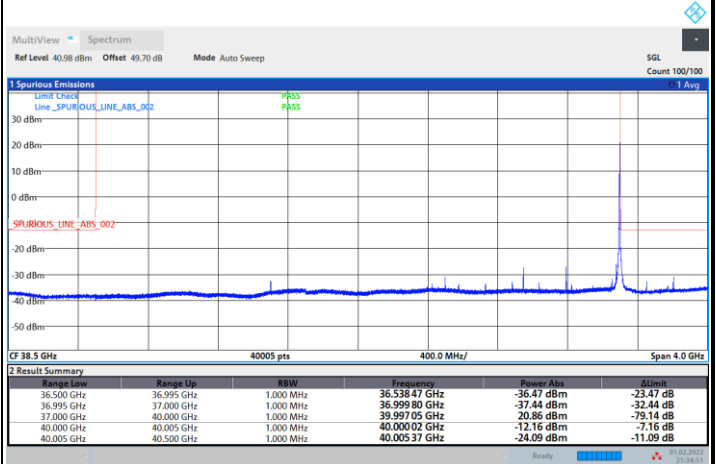
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / 1 RB



17:23:59 01.02.2022

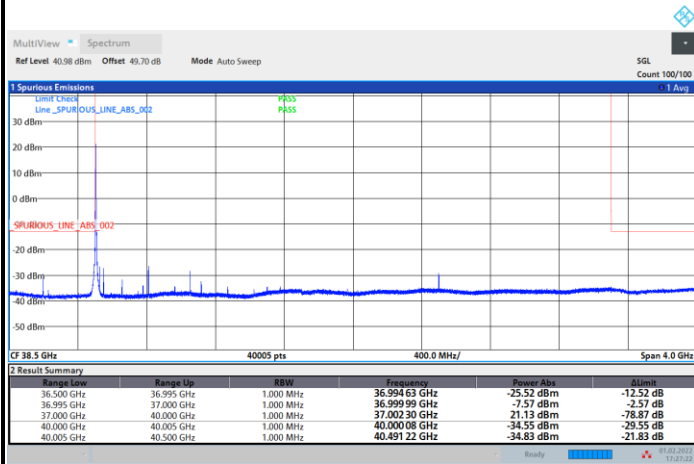
Highest Band Edge / 1 RB



21:34:52 01.02.2022

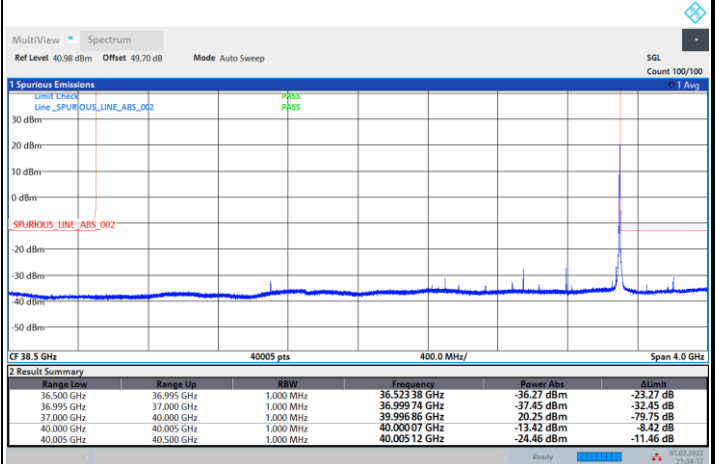
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / 1 RB



17:27:23 01.02.2022

Highest Band Edge / 1 RB



21:34:17 01.02.2022