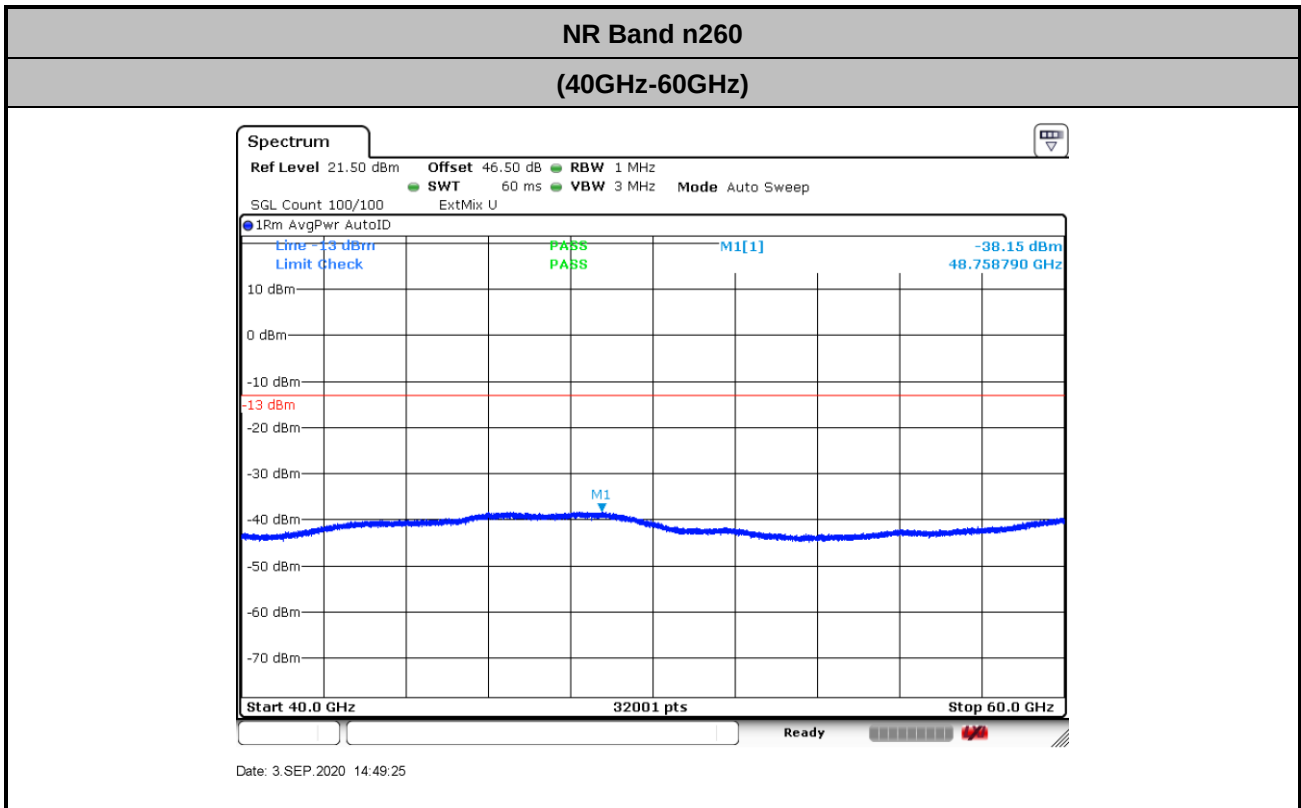
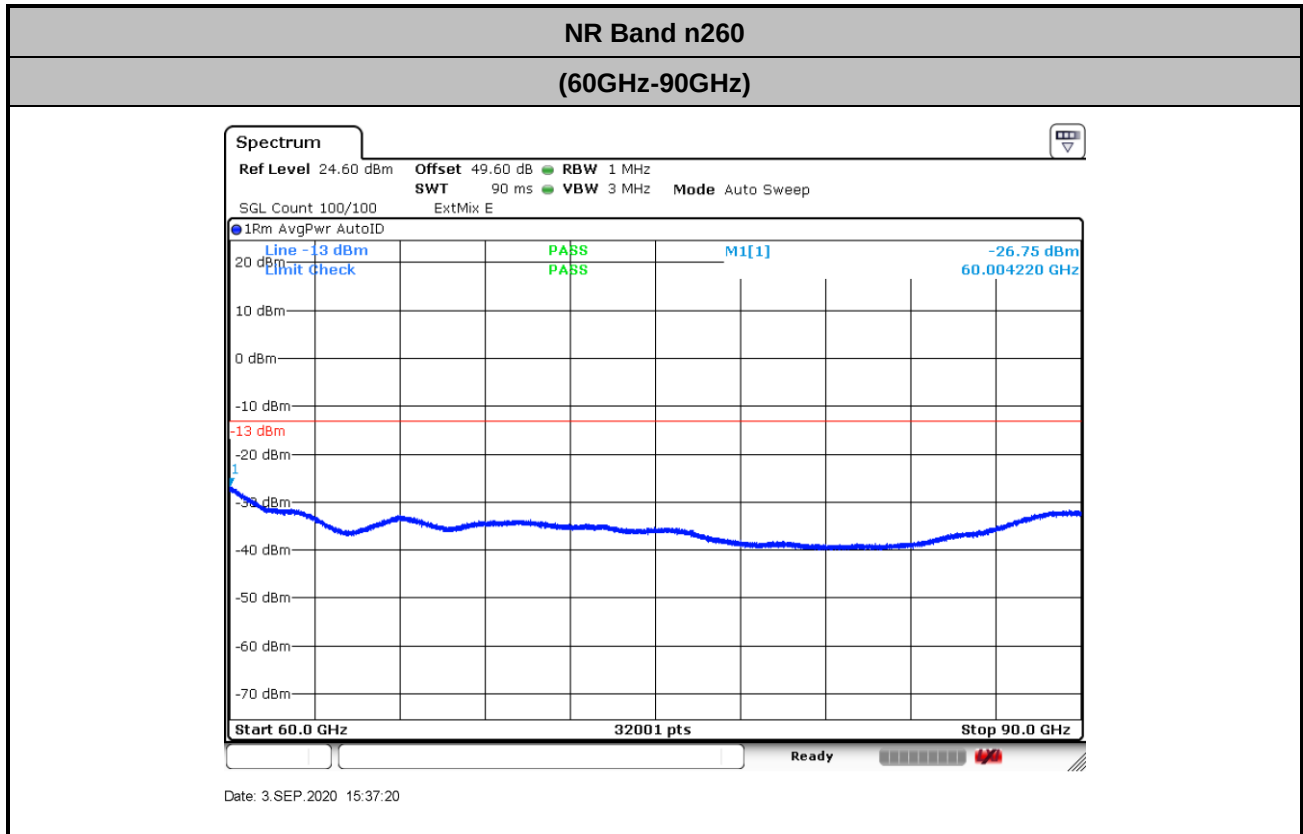


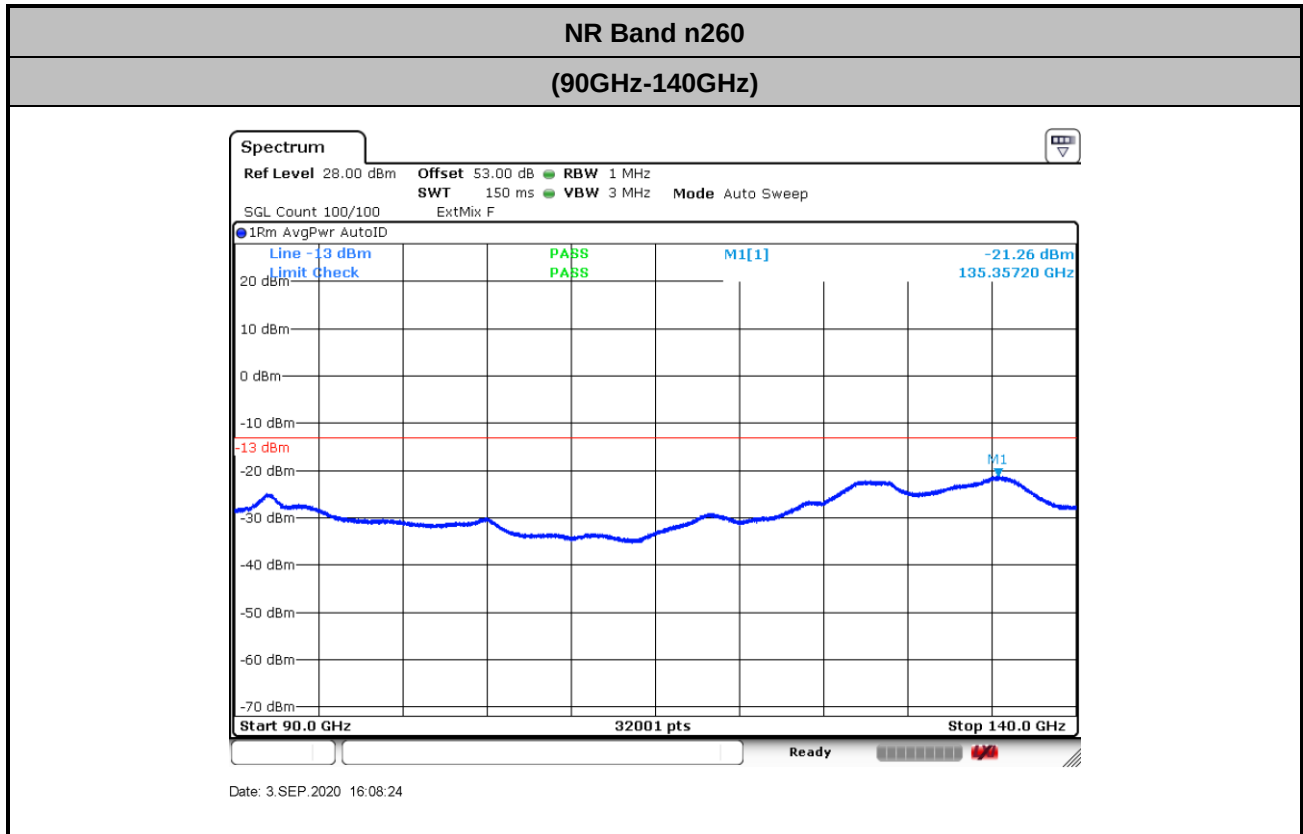
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



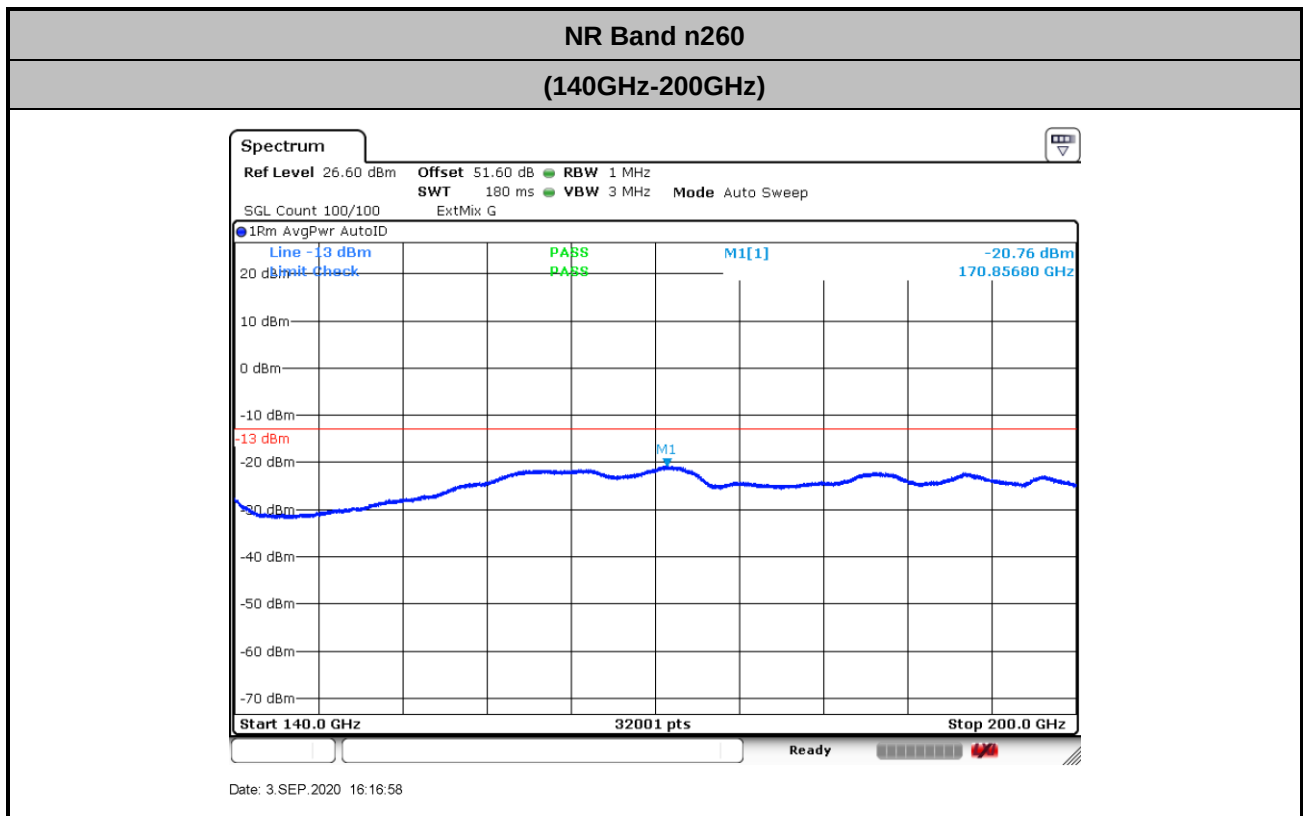
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}\end{aligned}$$



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



NR Band n260 Module 0 AG1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	-	-	90.70	-	-	387.47	-	-
Middle CH	45.52	45.06	45.23	90.86	90.68	90.52	386.18	385.79	376.34
Highest CH	45.32	-	-	90.82	-	-	386.70	-	-

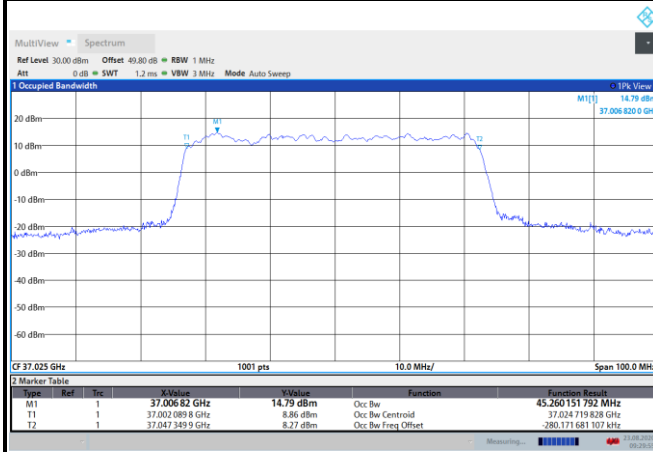
Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.37	-	-	92.83	-	-	388.51	-	-
Middle CH	45.40	45.26	45.25	93.08	92.92	92.72	386.13	378.64	385.38
Highest CH	45.30	-	-	92.93	-	-	387.18	-	-



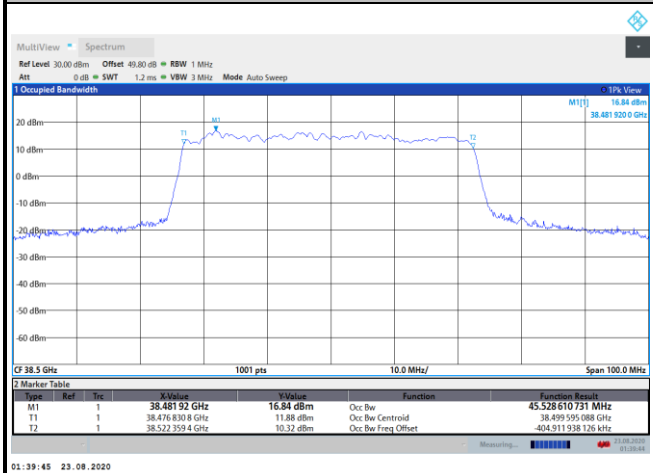
DFT-s-OFDM Module 0

NR Band n260

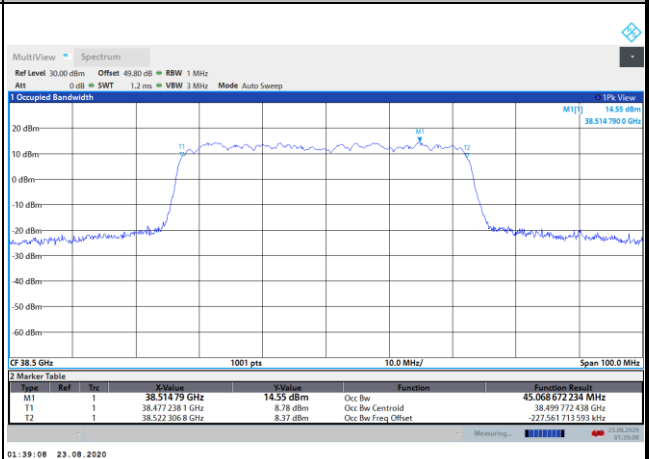
Lowest Channel / 50MHz / QPSK



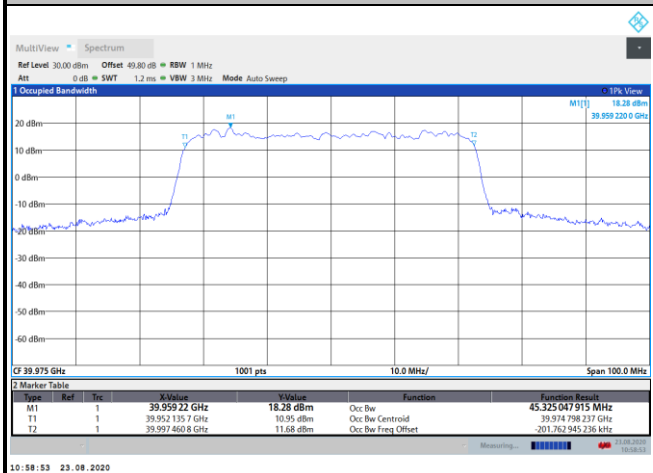
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

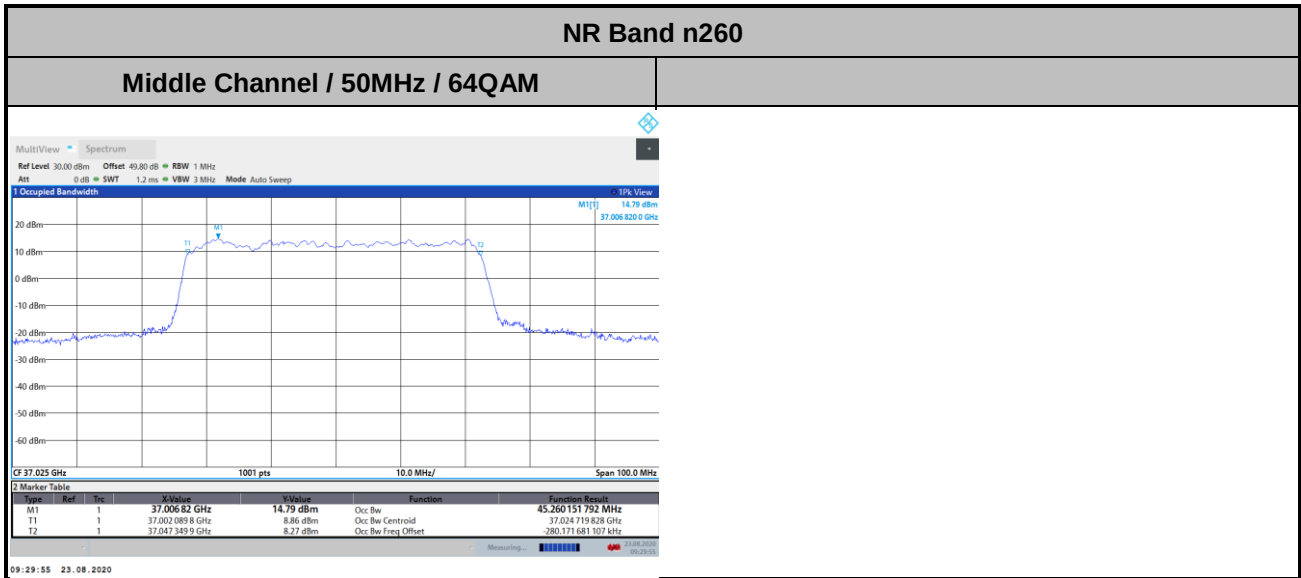


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 0

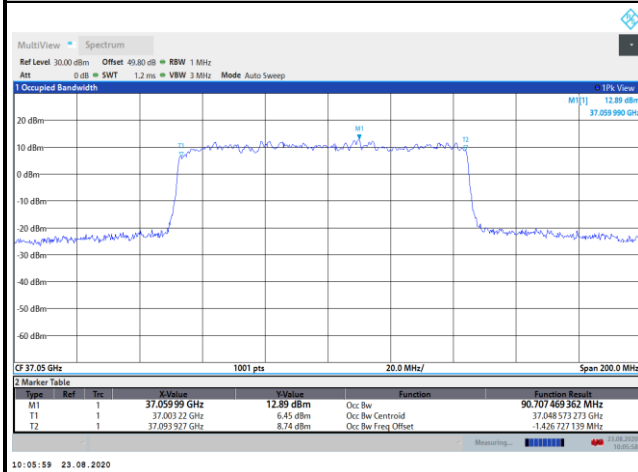




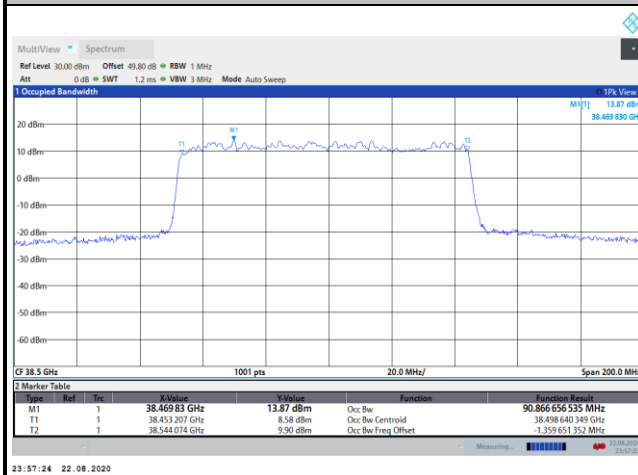
DFT-s-OFDM Module 0

NR Band n260

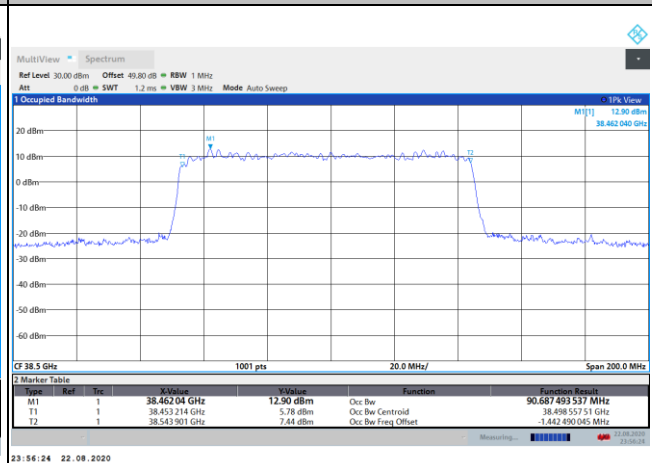
Lowest Channel / 100MHz / QPSK



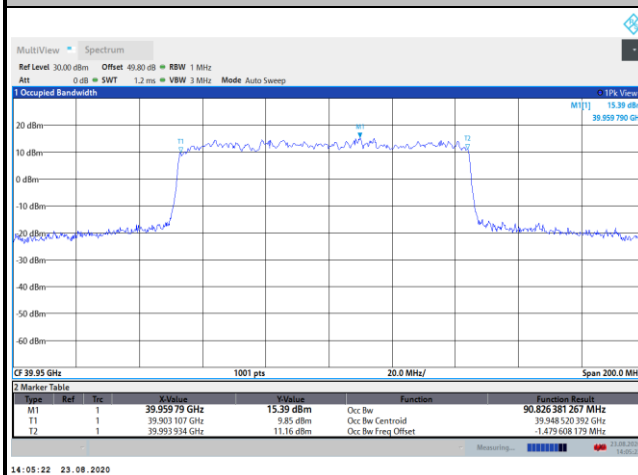
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

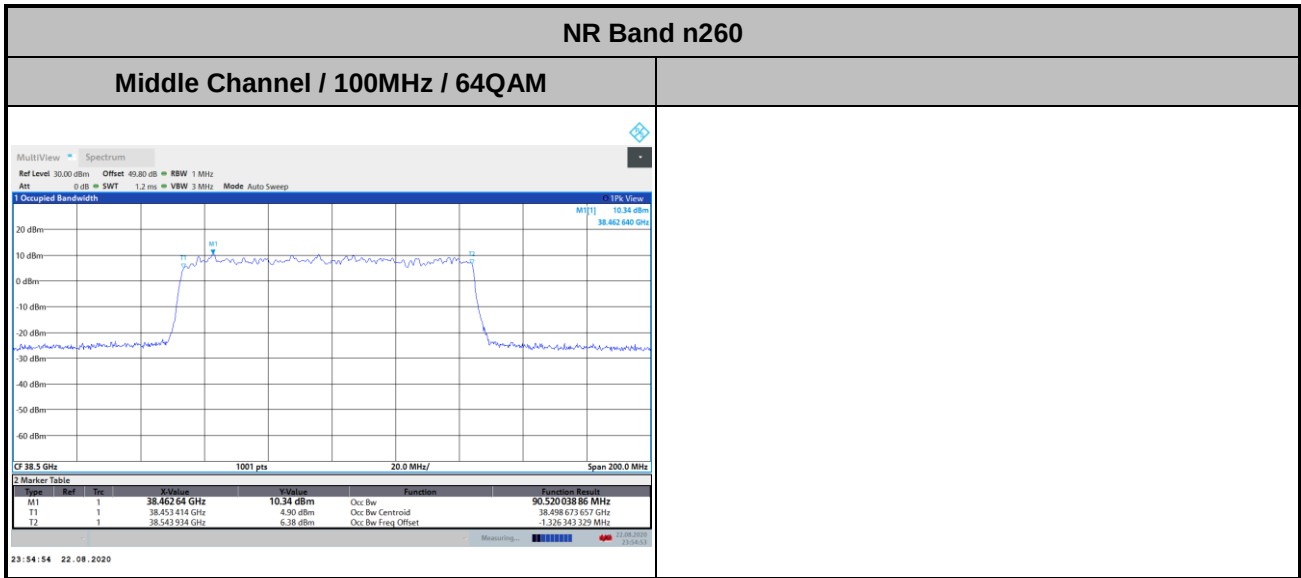


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 0

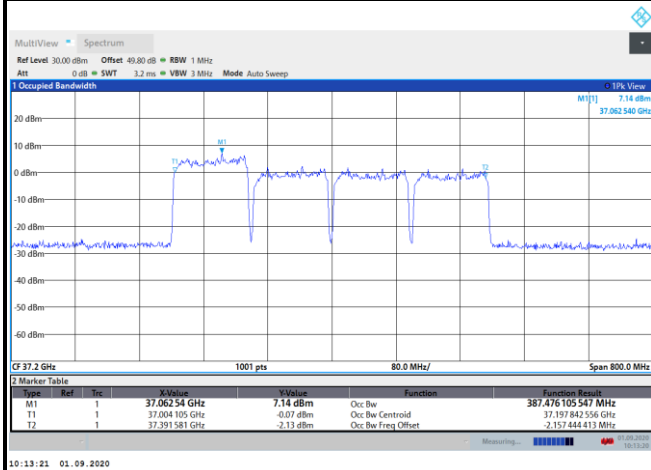




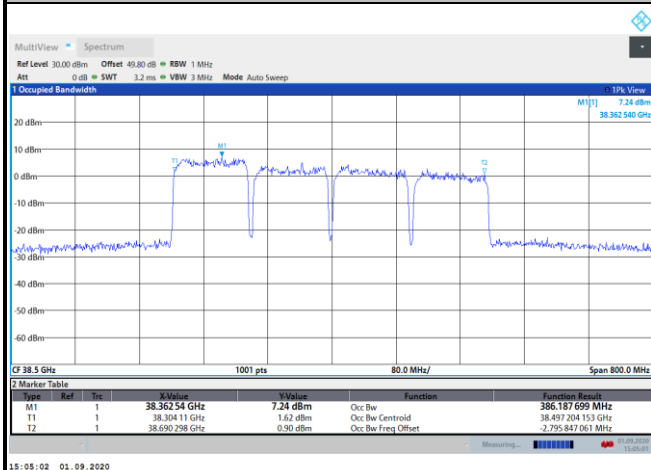
DFT-s-OFDM Module 0

NR Band n260

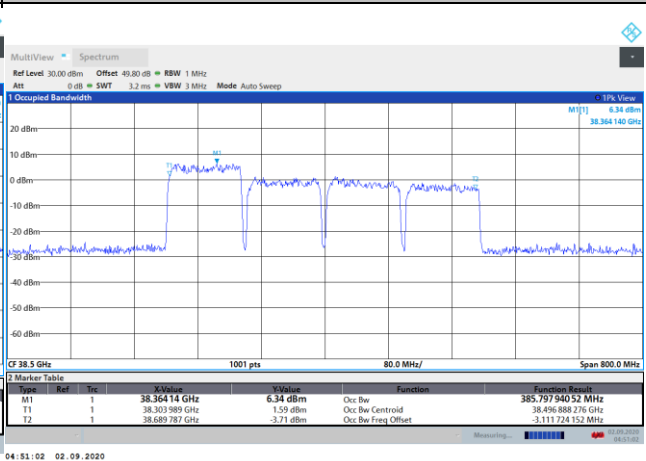
Lowest Channel / 400MHz / QPSK



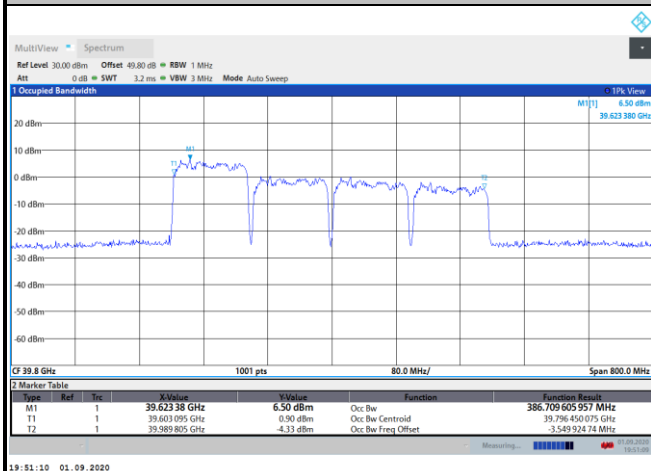
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

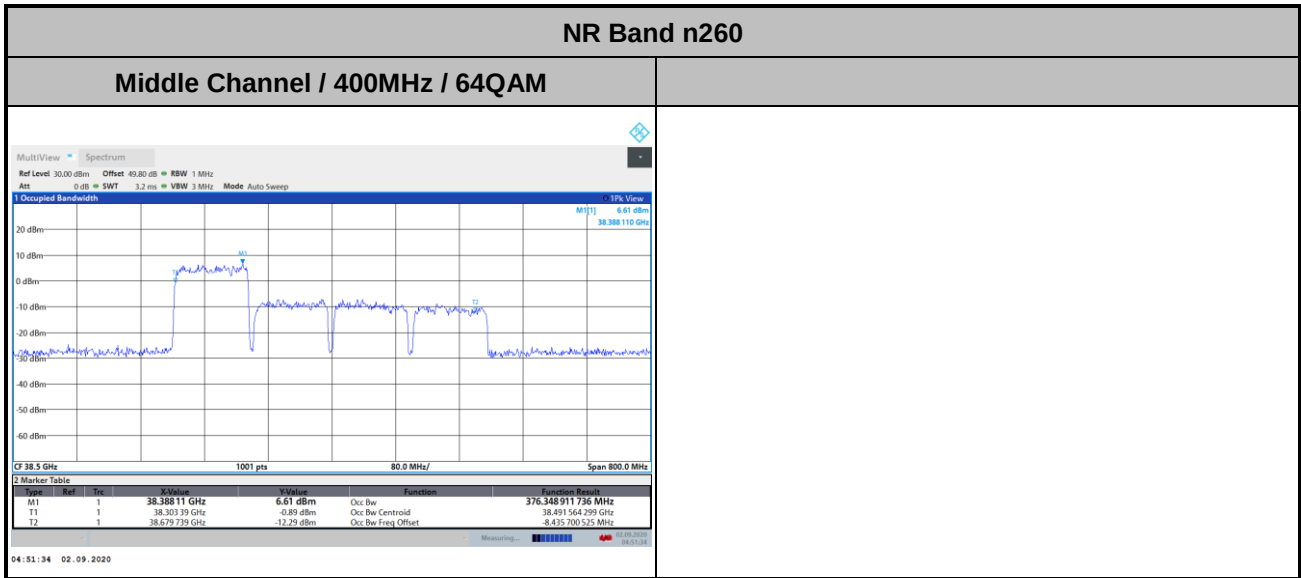


Highest Channel / 400MHz / QPSK





DFT-s-OFDM Module 0

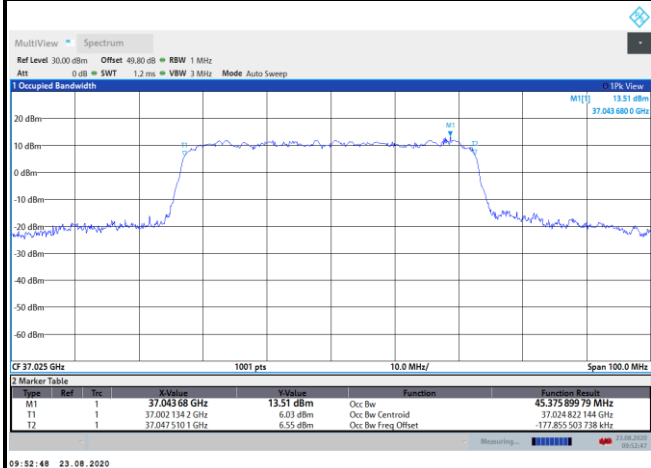




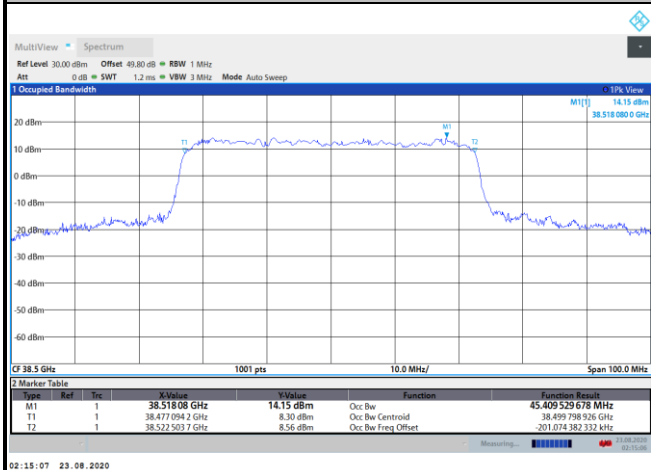
CP-OFDM Module 0

NR Band n260

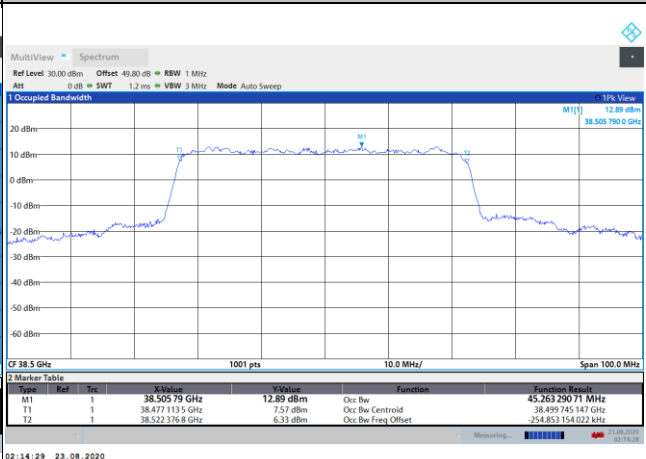
Lowest Channel / 50MHz / QPSK



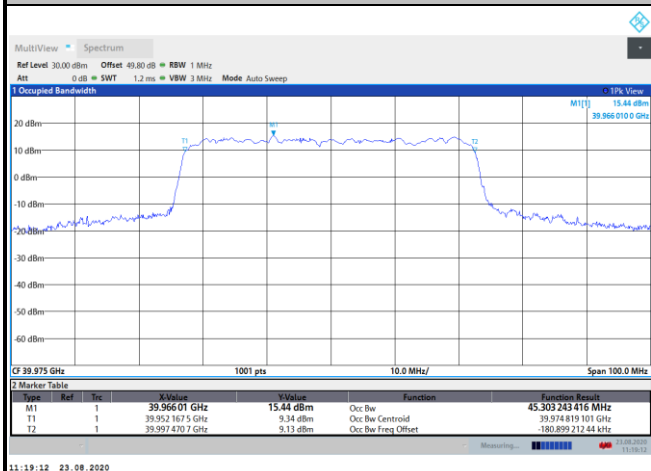
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

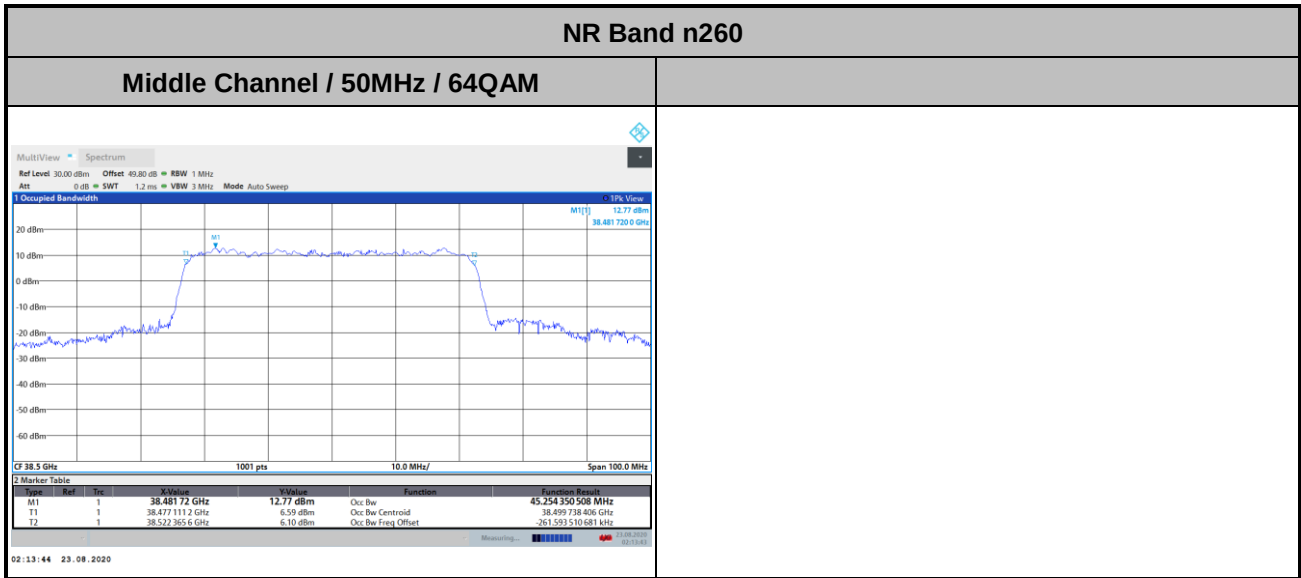


Highest Channel / 50MHz / QPSK





CP-OFDM Module 0

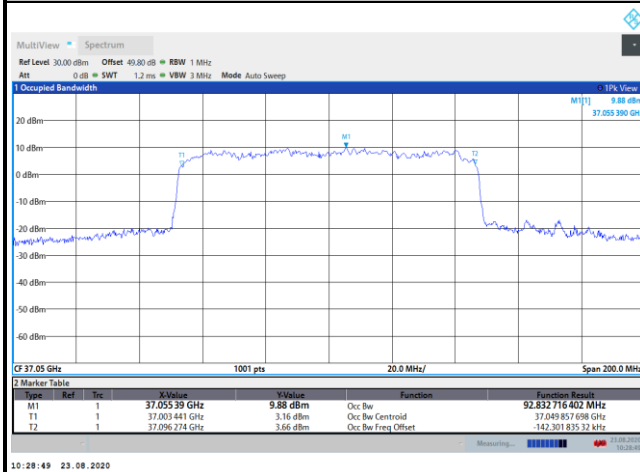




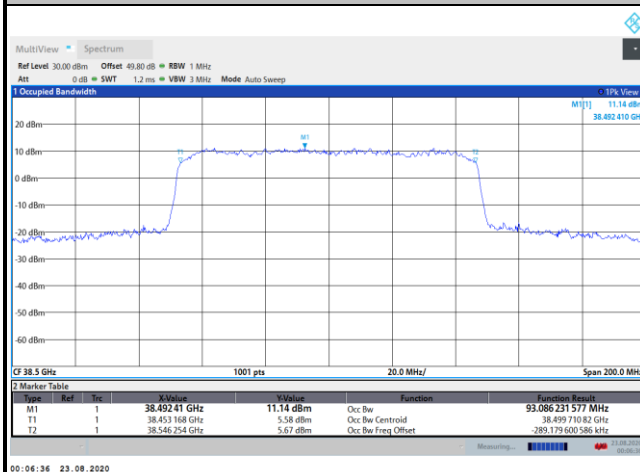
CP-OFDM Module 0

NR Band n260

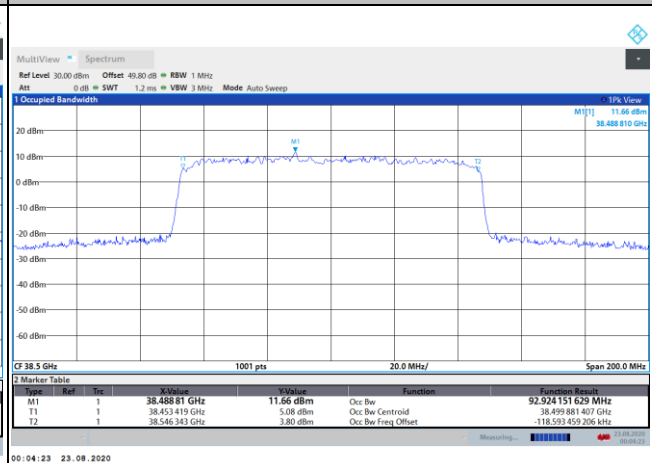
Lowest Channel / 100MHz / QPSK



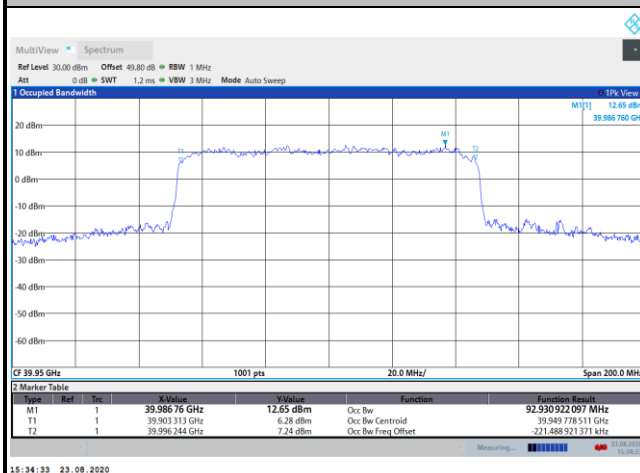
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

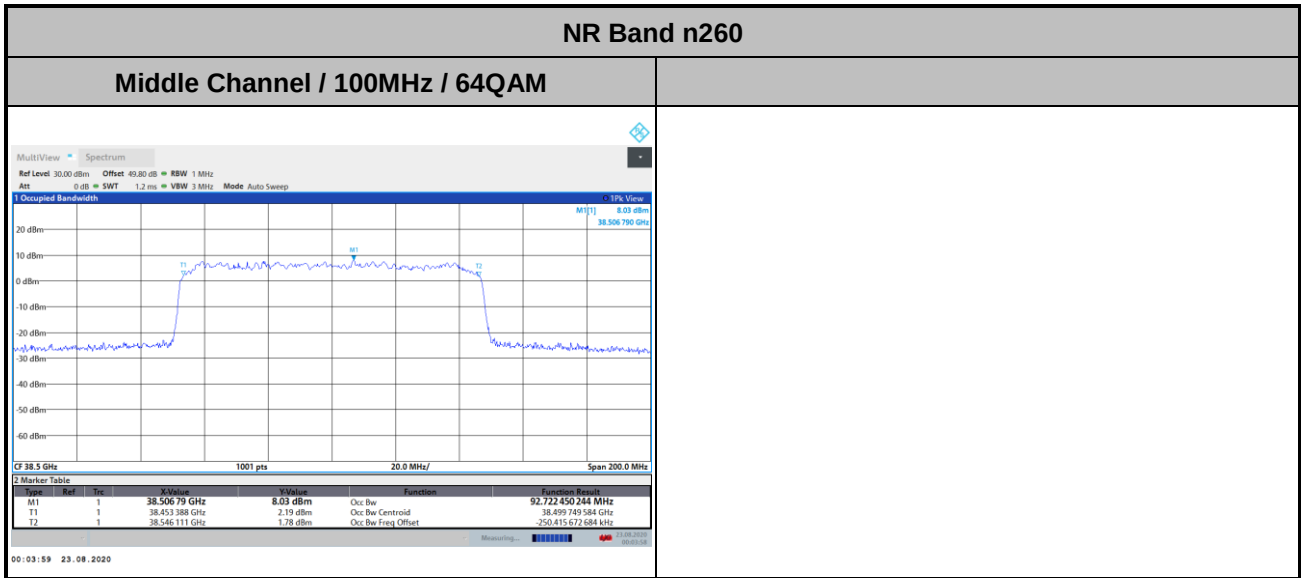


Highest Channel / 100MHz / QPSK





CP-OFDM Module 0

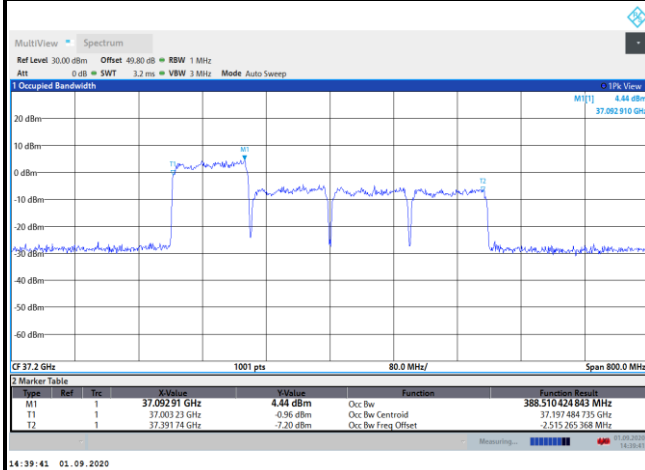




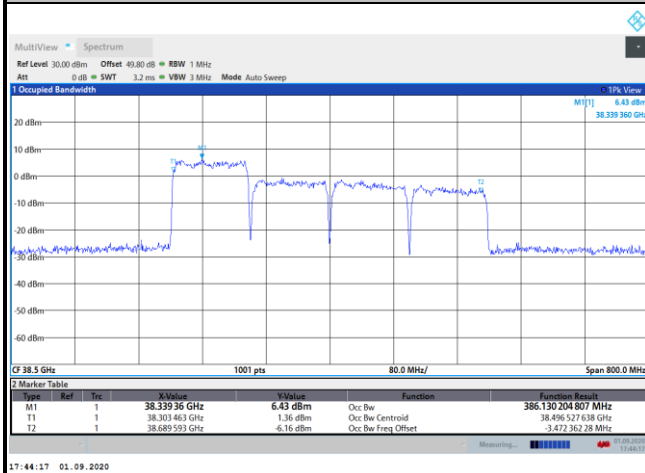
CP-OFDM Module 0

NR Band n260

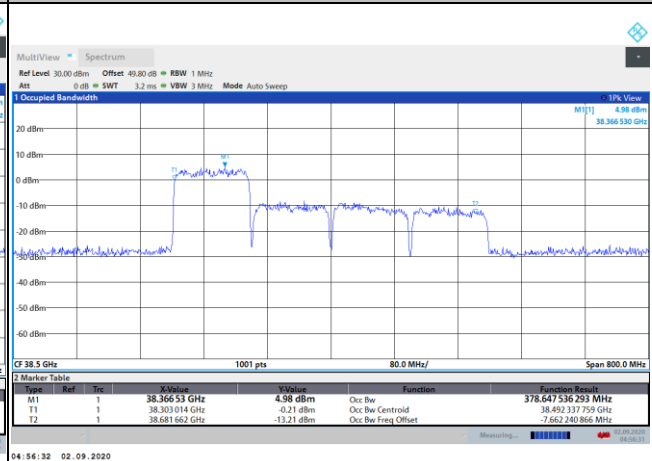
Lowest Channel / 400MHz / QPSK



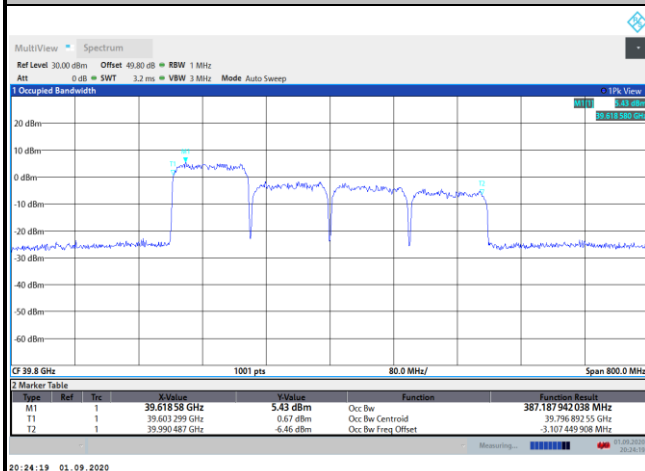
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

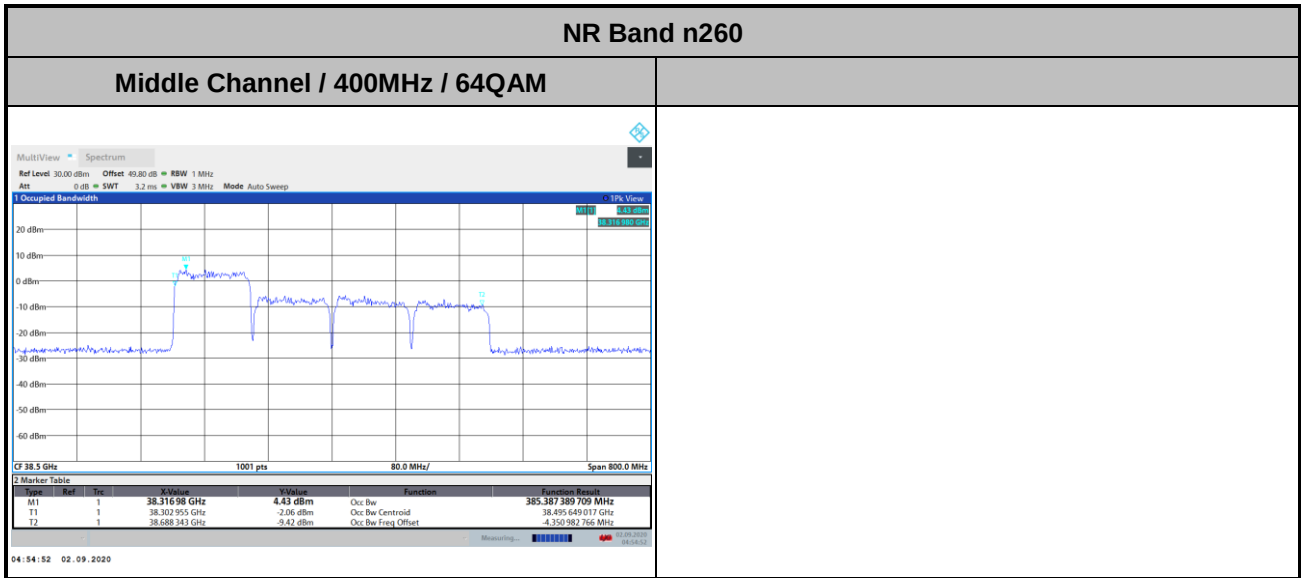


Highest Channel / 400MHz / QPSK





CP-OFDM Module 0



**Radiated Out of Band Emissions**

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB			
BW			50MHz	100MHz	400MHz	
Limit (dBm)			QPSK	QPSK	QPSK	
Low CH	0~10%OB	≦-5	-10.2	-12.47	-20.09	
	>10%OB	≦-13	-29.09	-28.94	-32.07	
High CH	0~10%OB	≦-5	-11.11	-13.26	-32.93	
	>10%OB	≦-13	-23.74	-28.2	-33.88	
Result			Compliance			

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB			
BW			50MHz	100MHz	400MHz	
Limit (dBm)			QPSK	QPSK	QPSK	
Low CH	0~10%OB	≤-5	-13.14	-14.38	-20.17	
	>10%OB	≤-13	-29.34	-30.92	-31.40	
High CH	0~10%OB	≤-5	-13.76	-15.91	-30.05	
	>10%OB	≤-13	-26.73	-30.12	-23.7	
Result			Compliance			

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) Full RB			
BW			50MHz	100MHz	400MHz	
Limit (dBm)			QPSK	QPSK	QPSK	
Low CH	0~10%OB	≦-5	-25.1	-28.46	-34.37	
	>10%OB	≦-13	-29.45	-31.56	-35.15	
High CH	0~10%OB	≦-5	-21.15	-25.31	-33.63	
	>10%OB	≦-13	-22.9	-26.18	-33.75	
Result			Compliance			

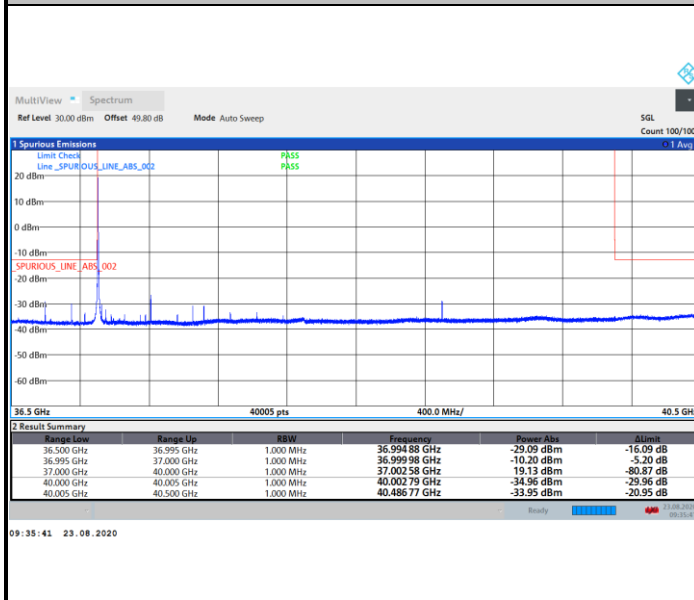
Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB			
BW			50MHz	100MHz	400MHz	
Limit (dBm)			QPSK	QPSK	QPSK	
Low CH	0~10%OB	≦-5	-25.75	-28.77	-34.97	
	>10%OB	≦-13	-29.02	-30.23	-36.1	
High CH	0~10%OB	≦-5	-22.37	-25.57	-34.04	
	>10%OB	≦-13	-24.4	-27.37	-34	
Result			Compliance			



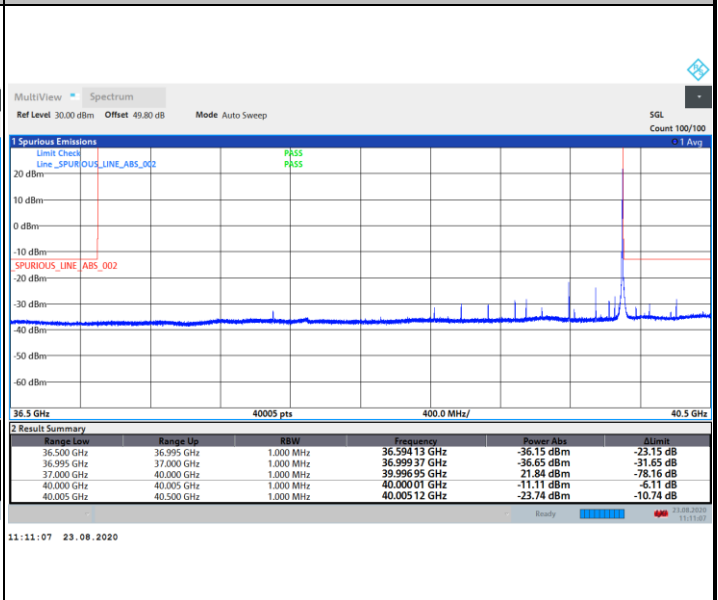
DFT-s-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



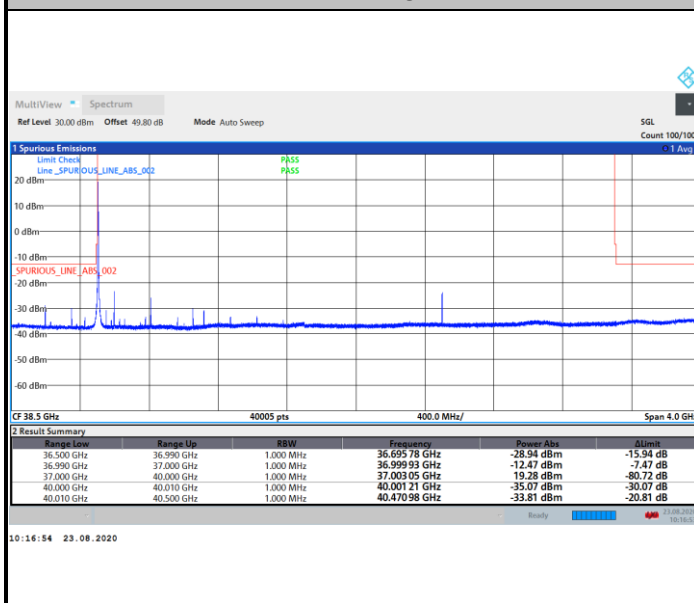
Highest Band Edge / 1 RB



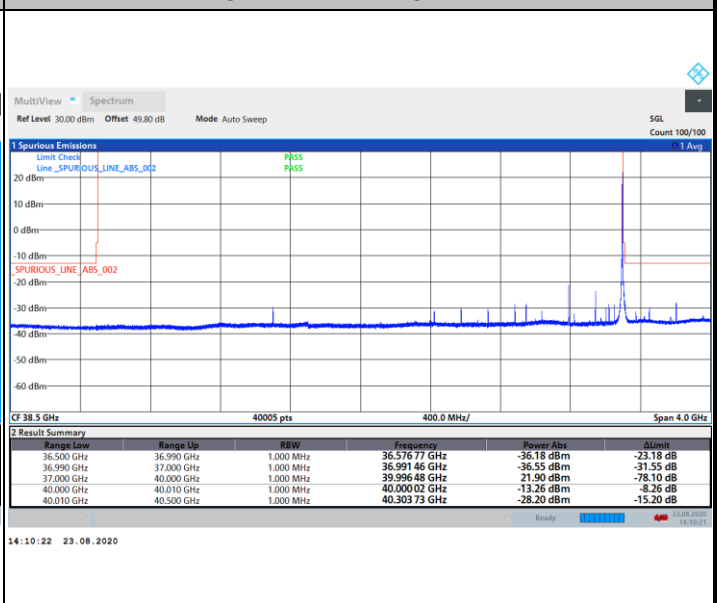
DFT-s-OFDM Module 0

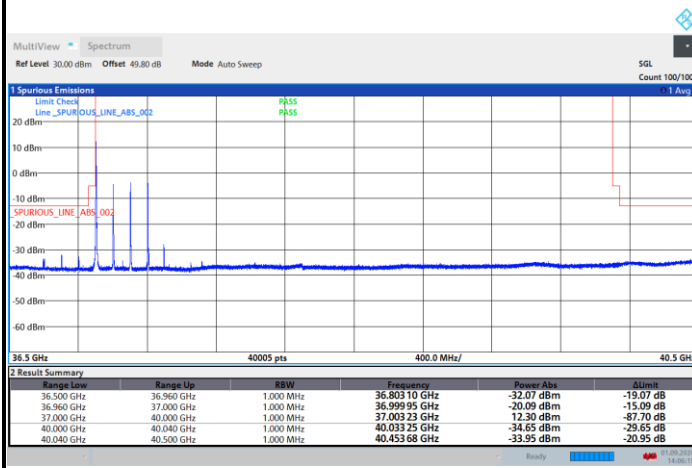
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB

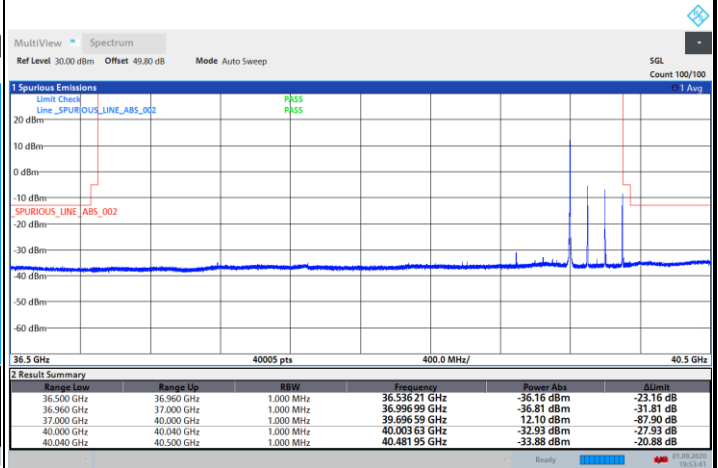


Highest Band Edge / 1 RB

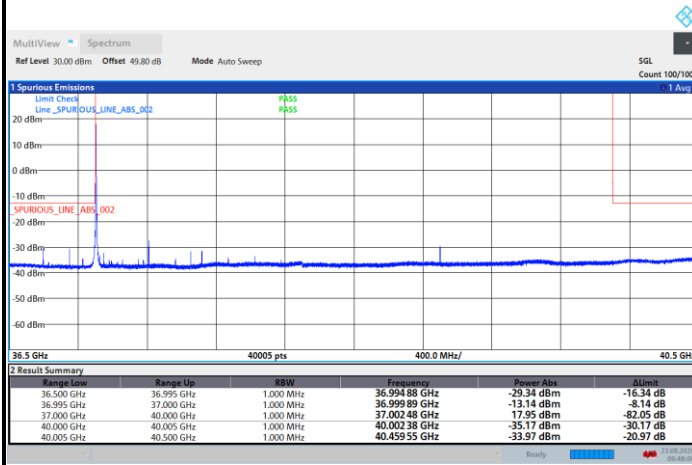


**DFT-s-OFDM Module 0****NR Band n260 / 400MHz / QPSK****Lowest Band Edge / 1 RB**

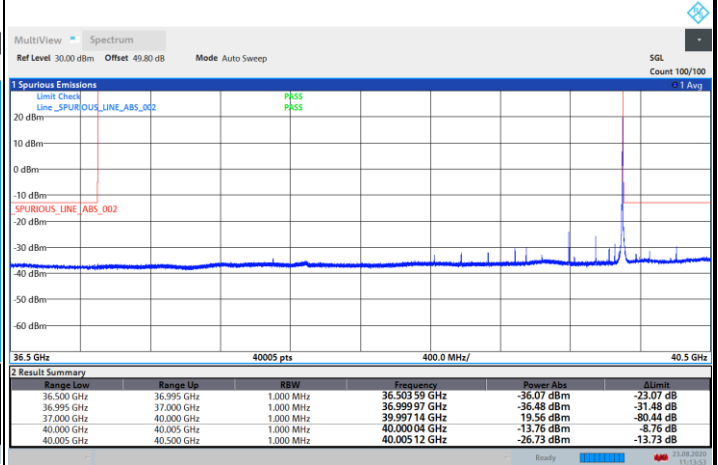
14:06:16 01.09.2020

Highest Band Edge / 1 RB

19:53:41 01.09.2020

CP-OFDM Module 0**NR Band n260 / 50MHz / QPSK****Lowest Band Edge / 1 RB**

09:48:01 23.08.2020

Highest Band Edge / 1 RB

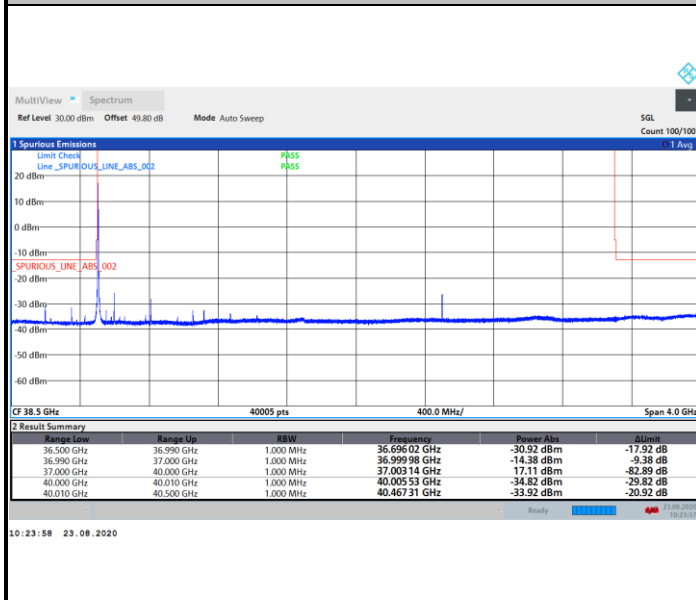
11:13:54 23.08.2020



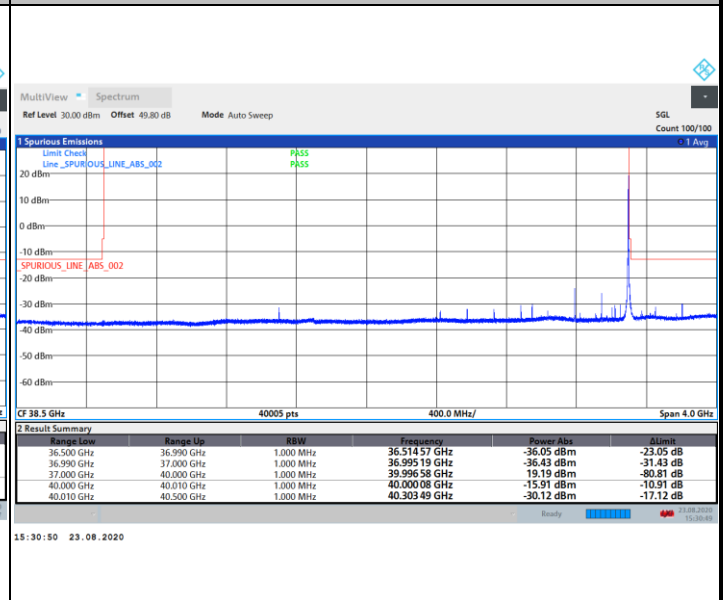
CP-OFDM Module 0

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



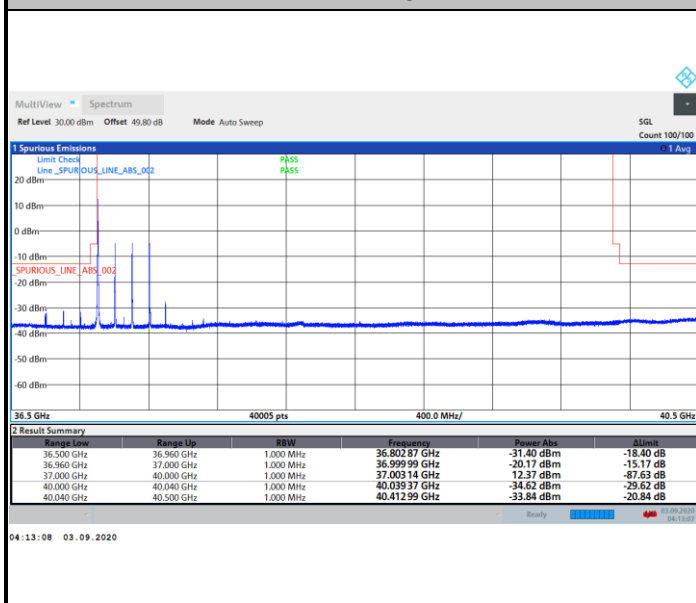
Highest Band Edge / 1 RB



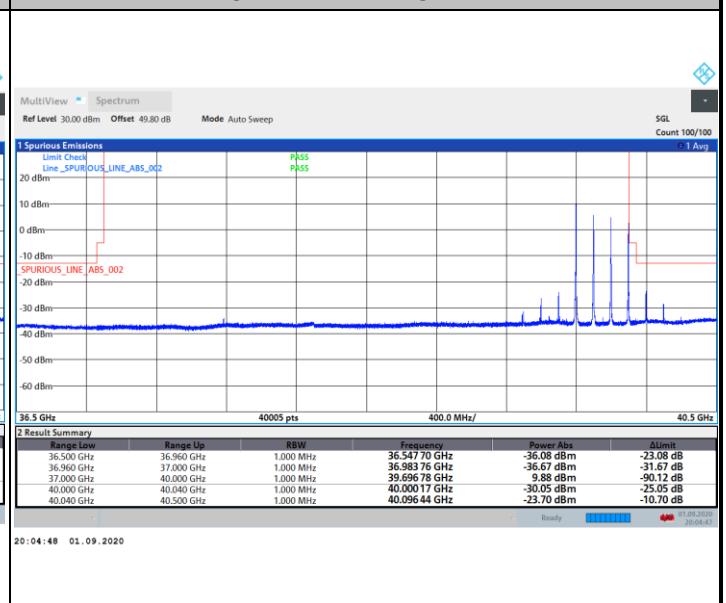
CP-OFDM Module 0

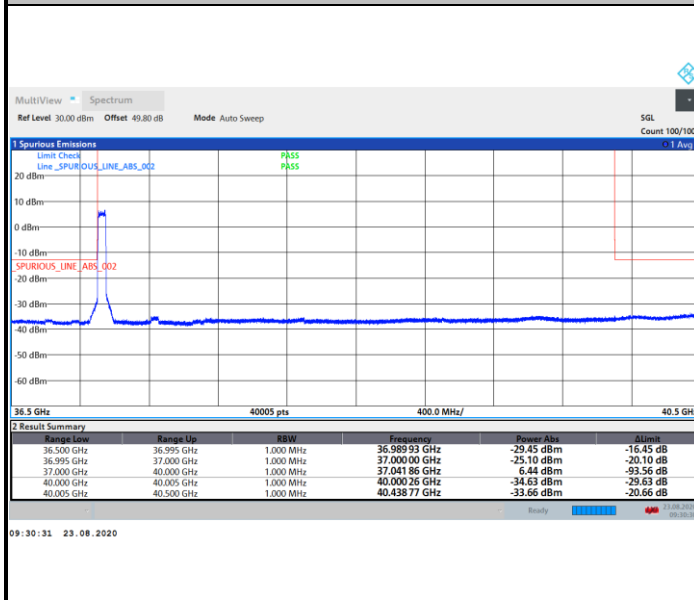
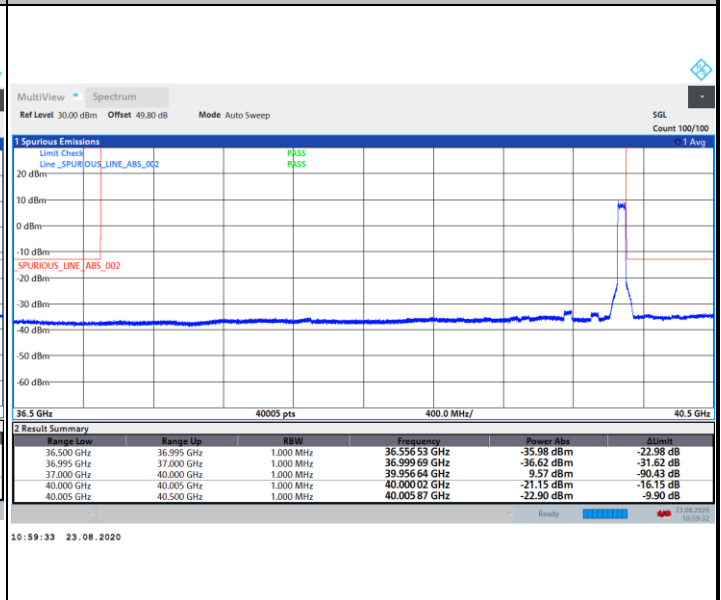
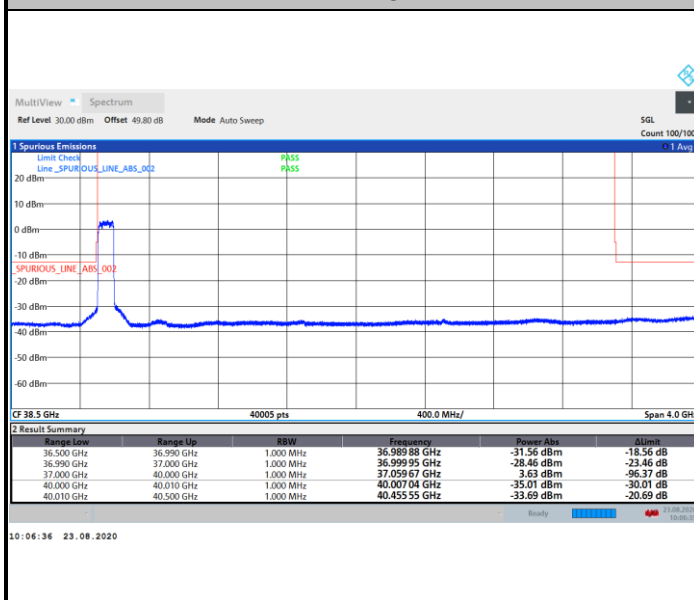
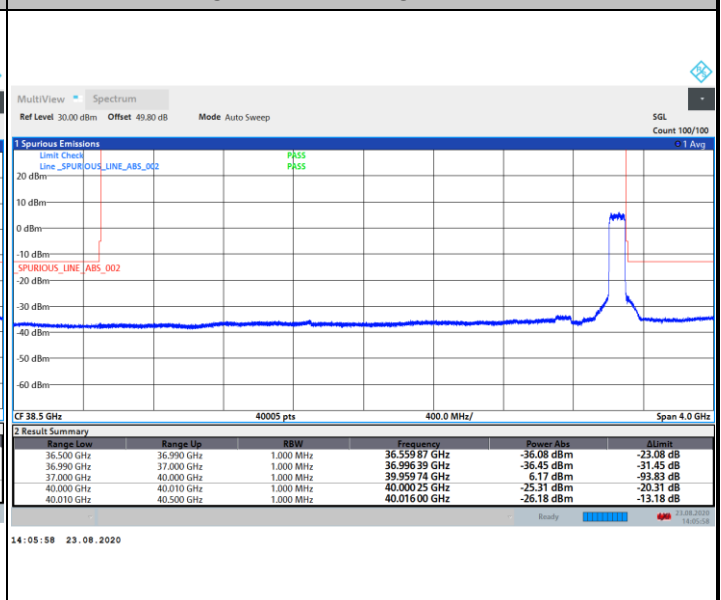
NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



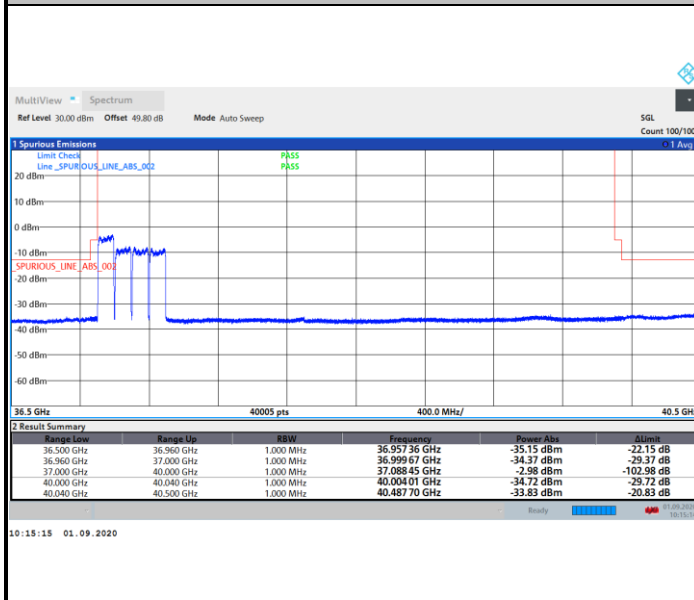
**DFT-s-OFDM Module 0****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****DFT-s-OFDM Module 0****NR Band n260 / 100MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



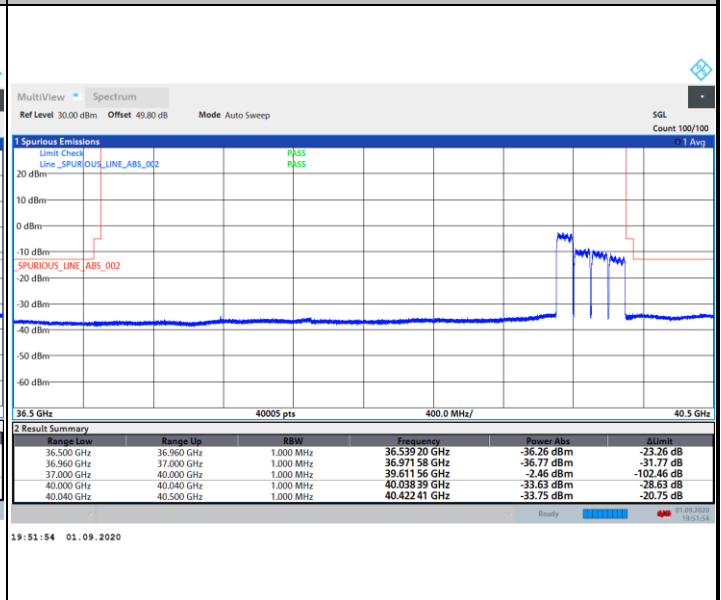
DFT-s-OFDM Module 0

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB



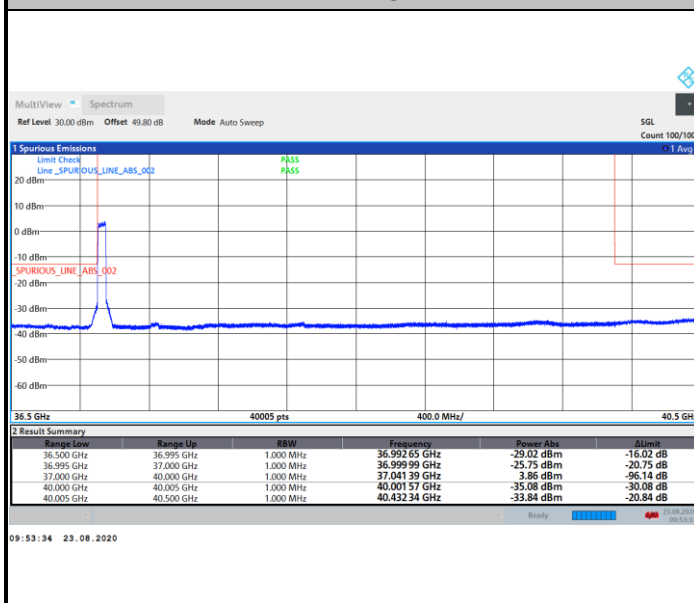
Highest Band Edge / Full RB



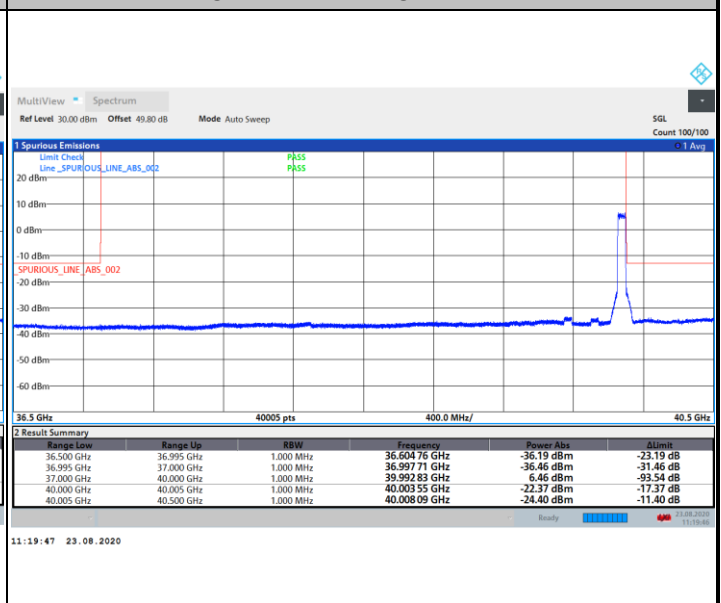
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

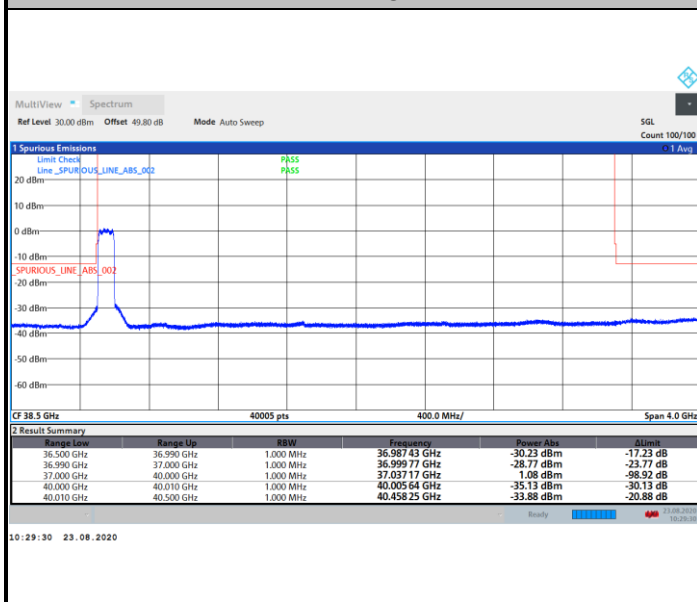




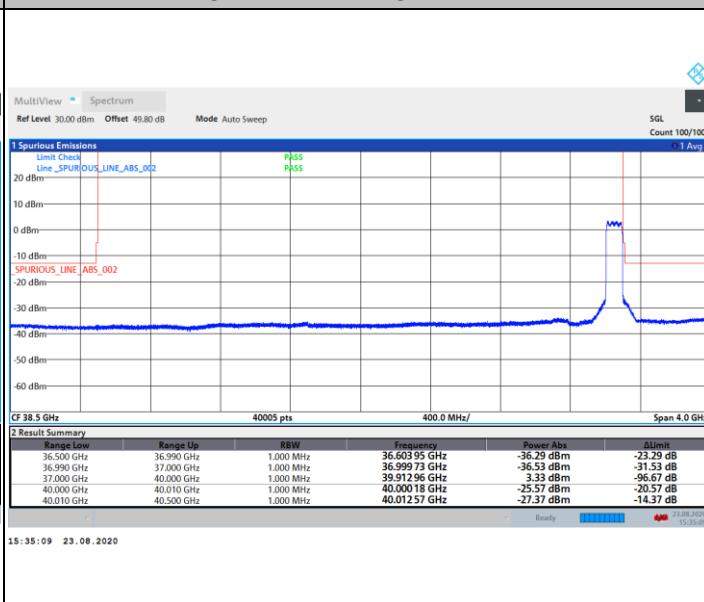
CP-OFDM Module 0

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



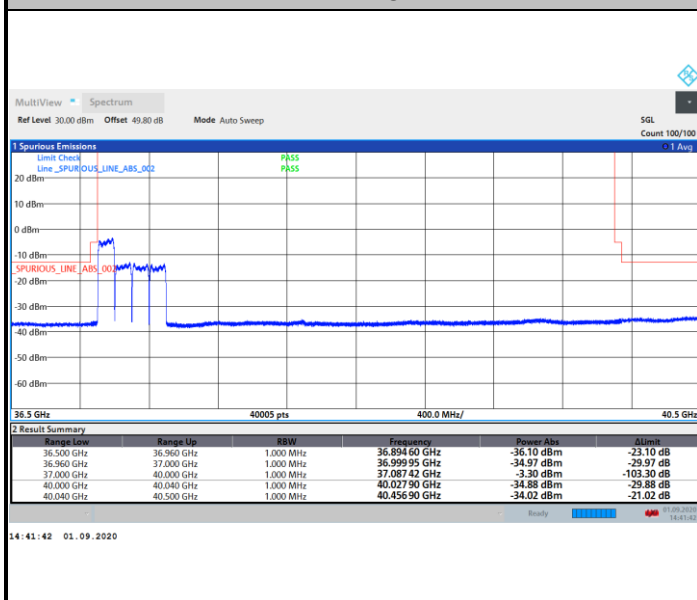
Highest Band Edge / Full RB



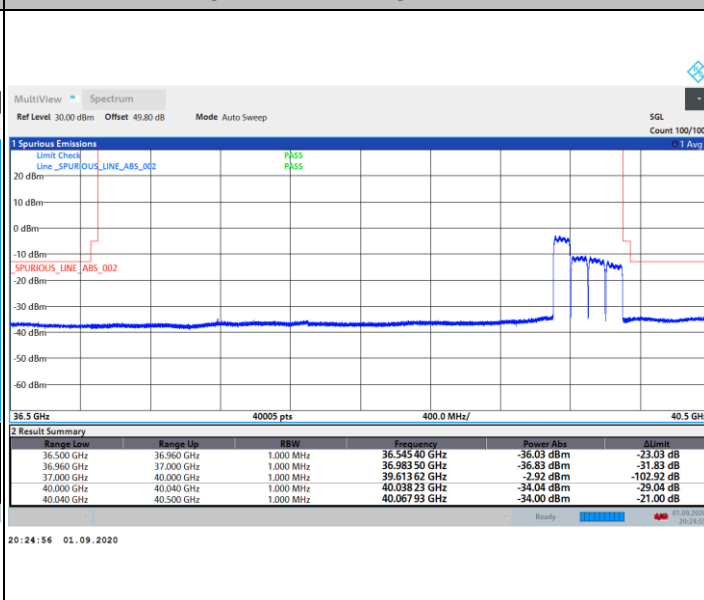
CP-OFDM Module 0

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

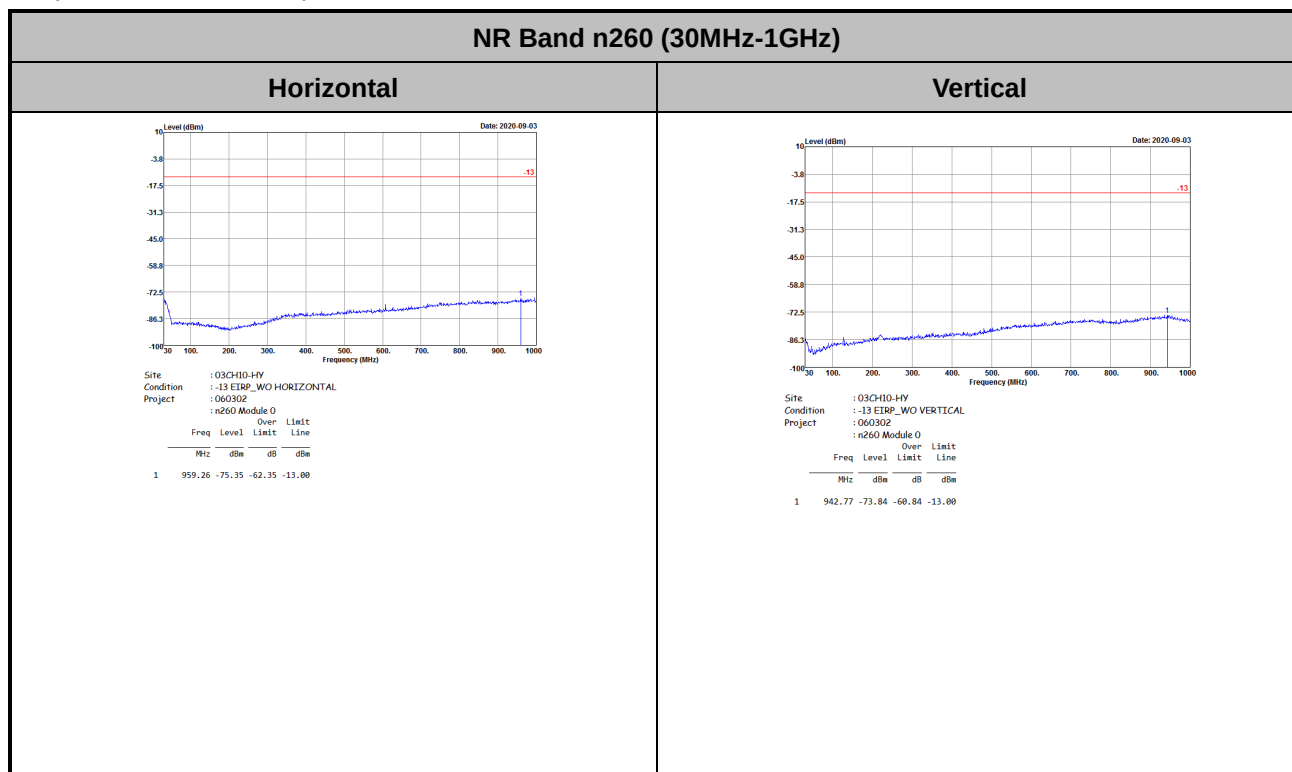




Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.

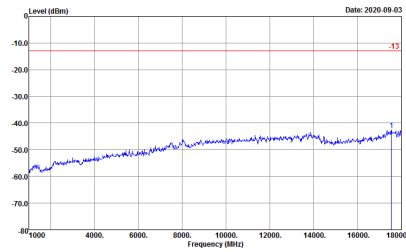
Only the noise floor is reported.





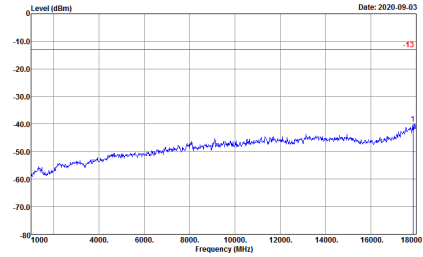
NR Band n260 (1GHz-18GHz)

Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 060302
n260 Module 0
Freq Level Over Limit
MHz dBm dB dBm
1 17541.00 -42.65 -29.65 -13.00

Vertical

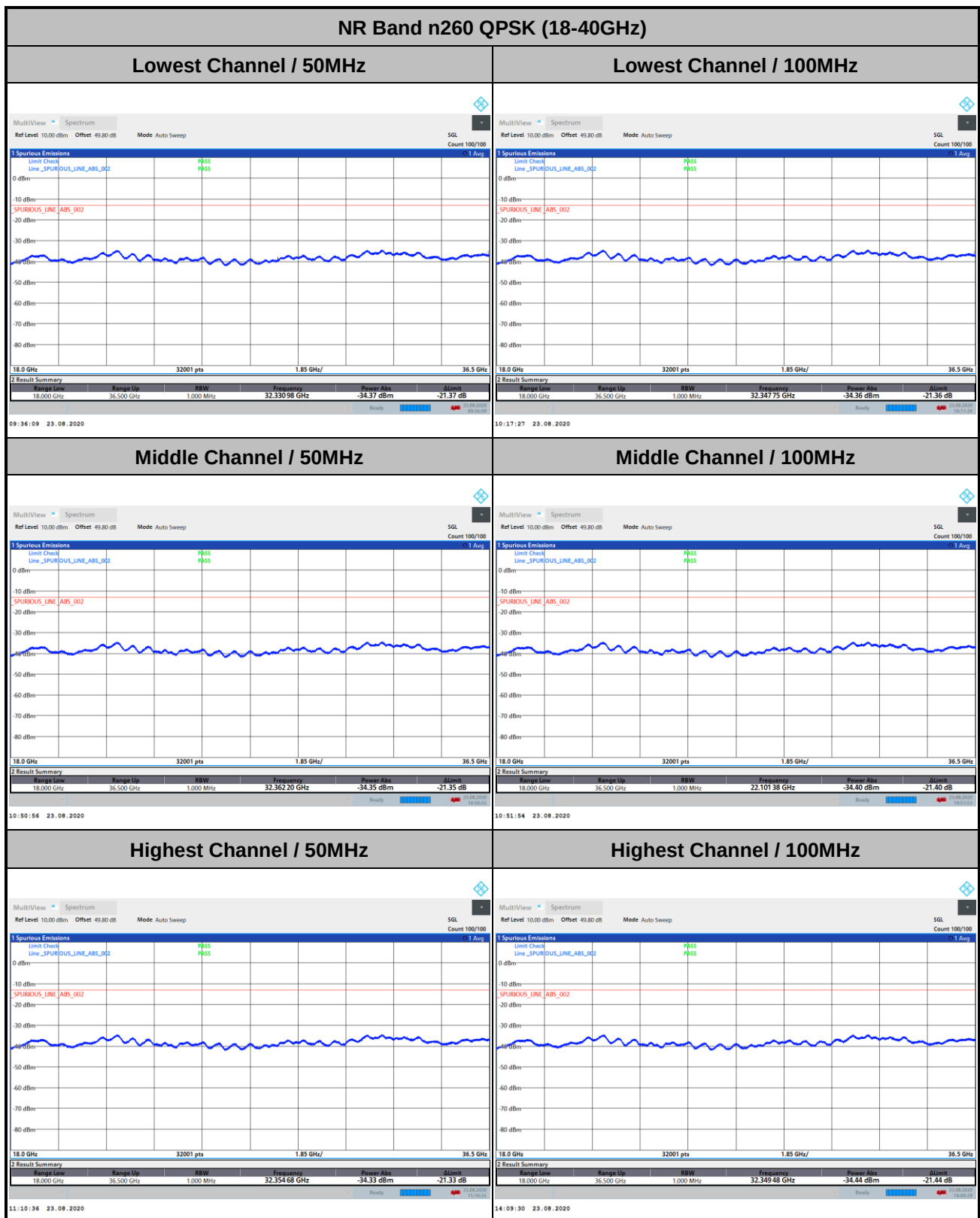


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 060302
n260 Module 0
Freq Level Over Limit
MHz dBm dB dBm
1 17864.00 -39.90 -26.90 -13.00



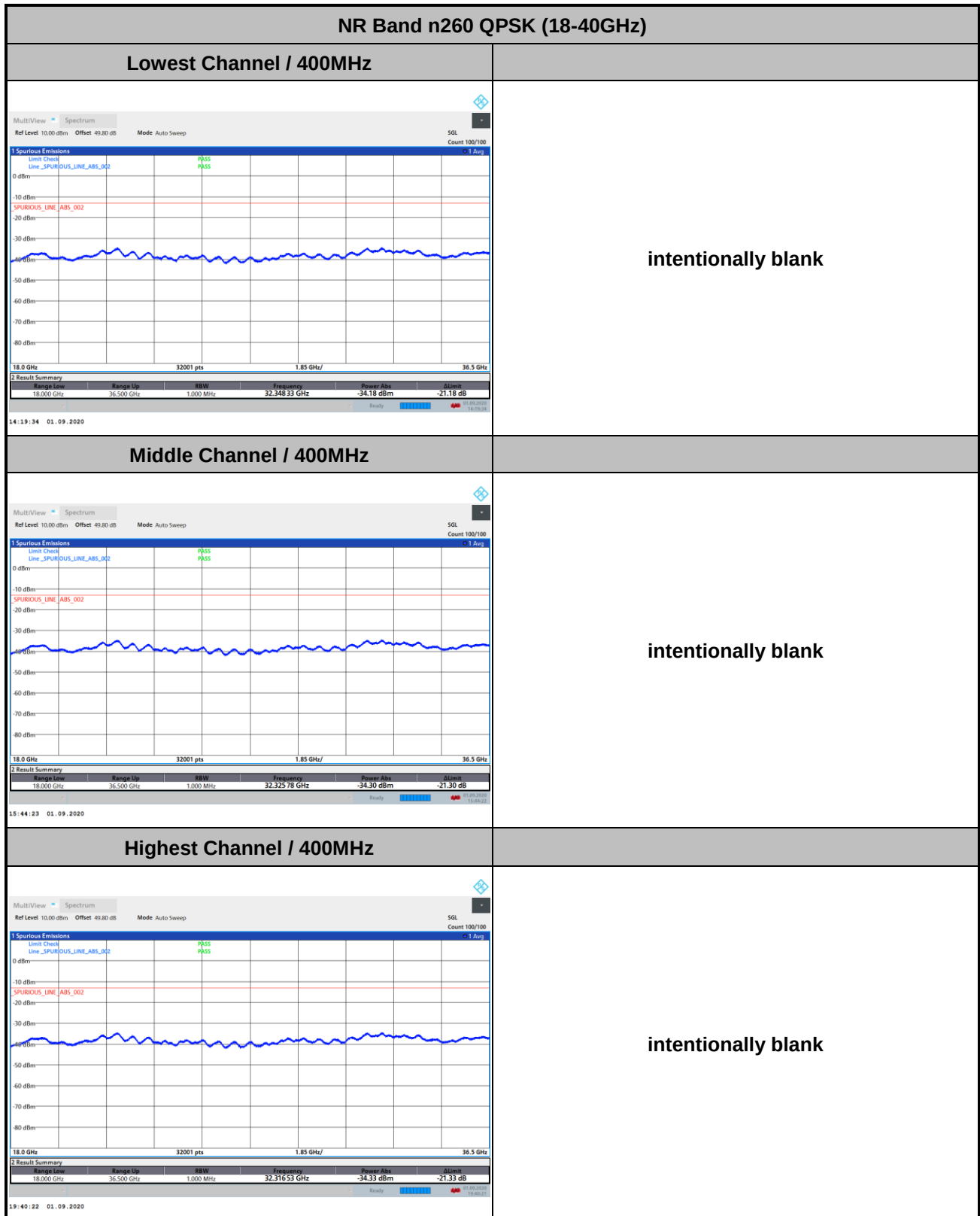
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 0



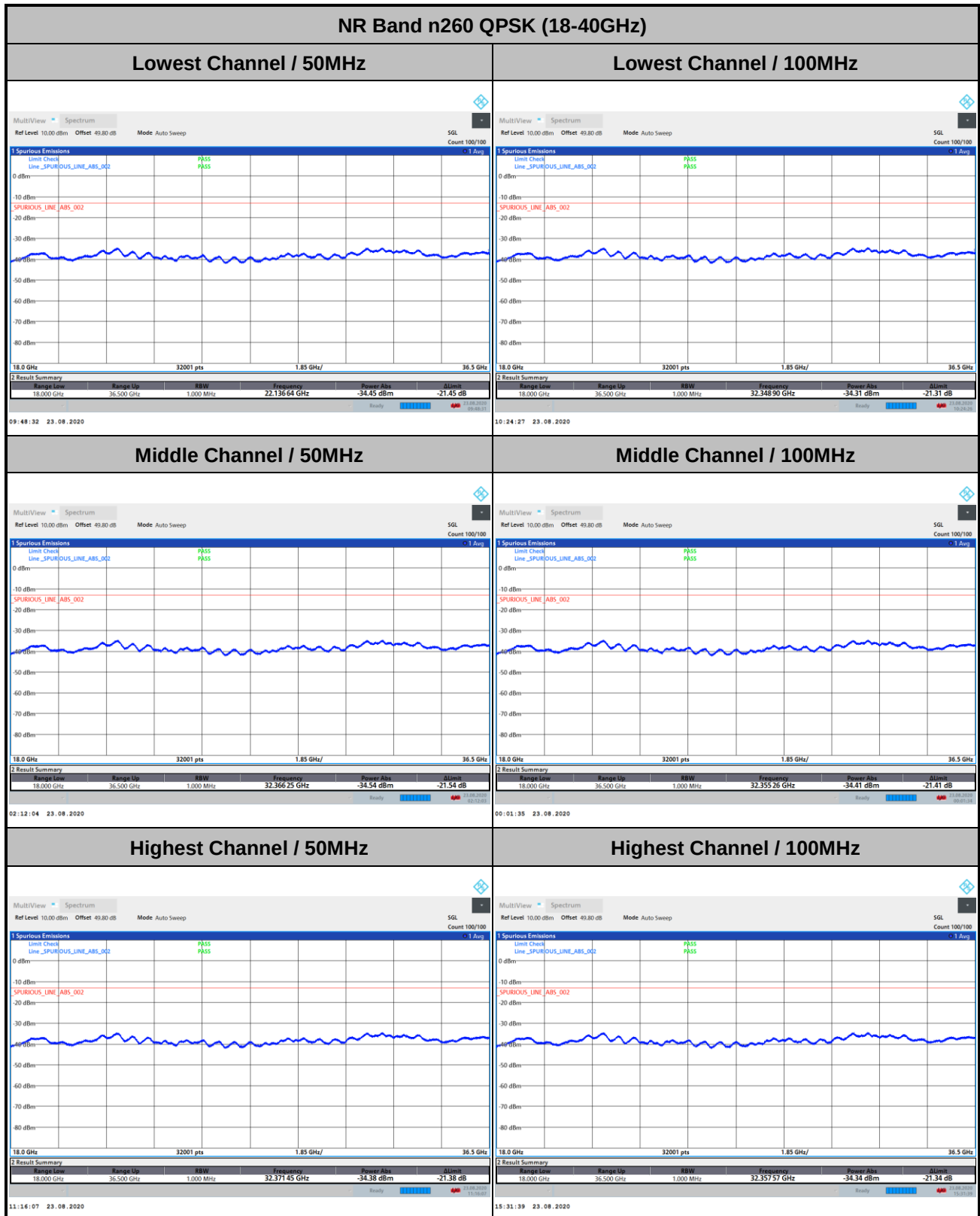


DFT-s-OFDM Module 0





CP-OFDM Module 0

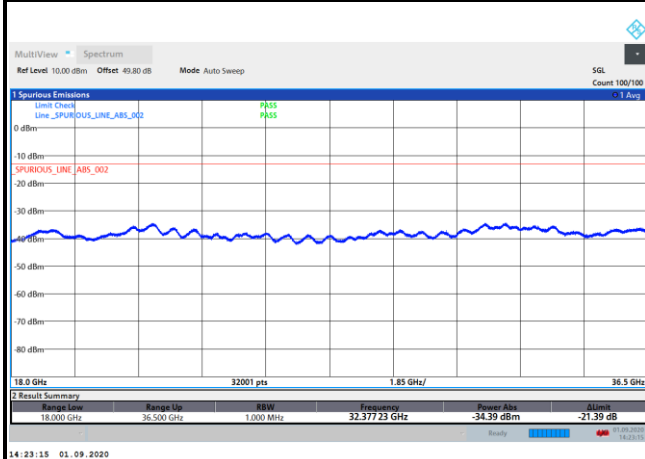




CP-OFDM Module 0

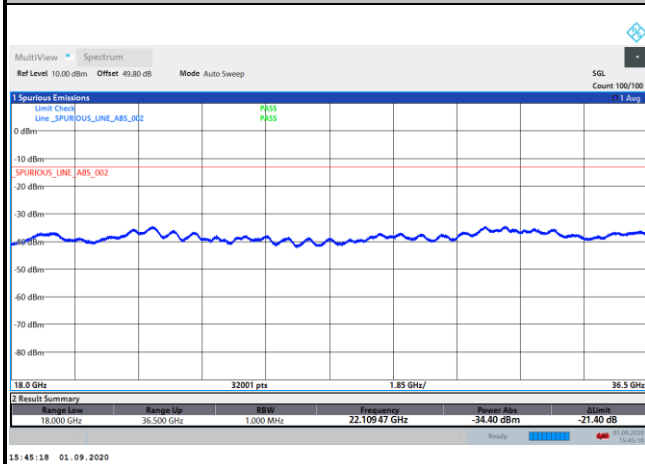
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



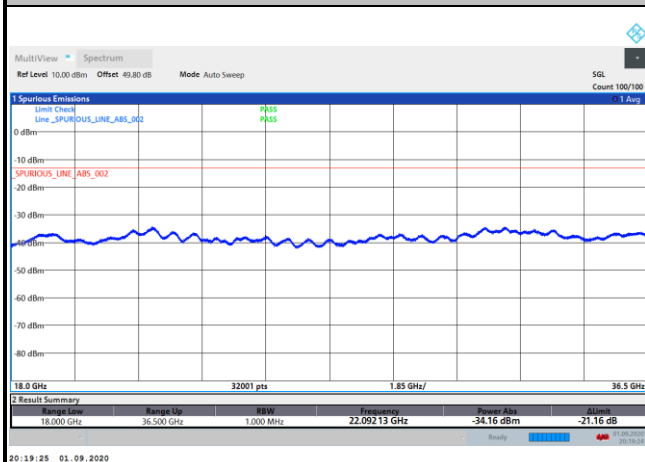
intentionally blank

Middle Channel / 400MHz



intentionally blank

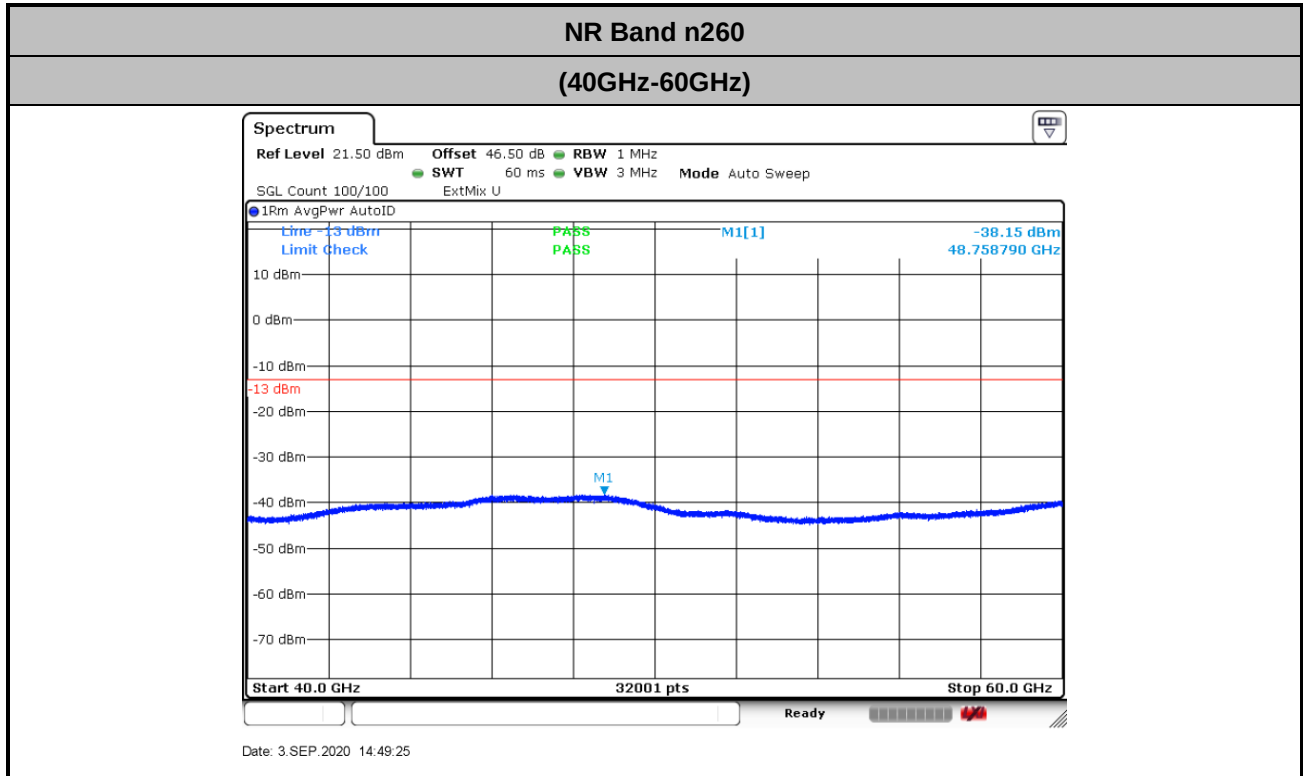
Highest Channel / 400MHz



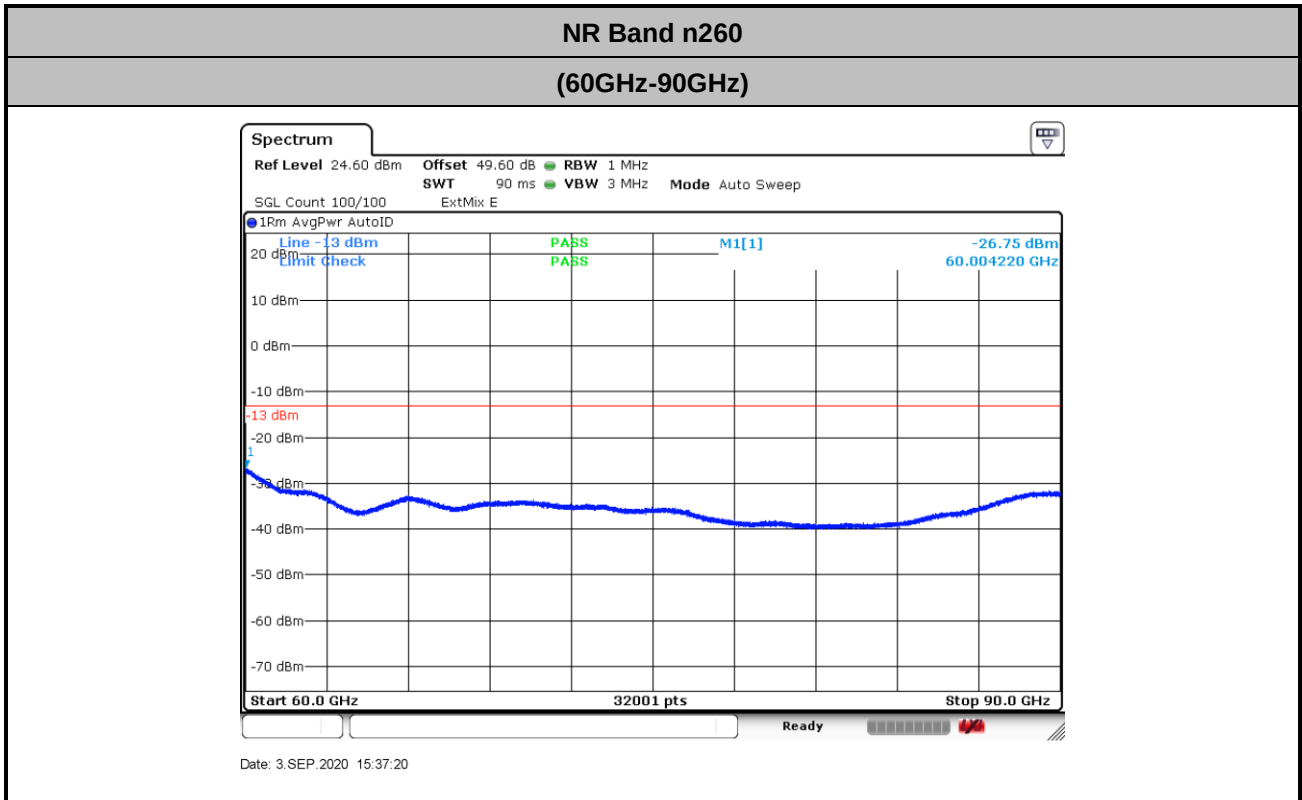
intentionally blank



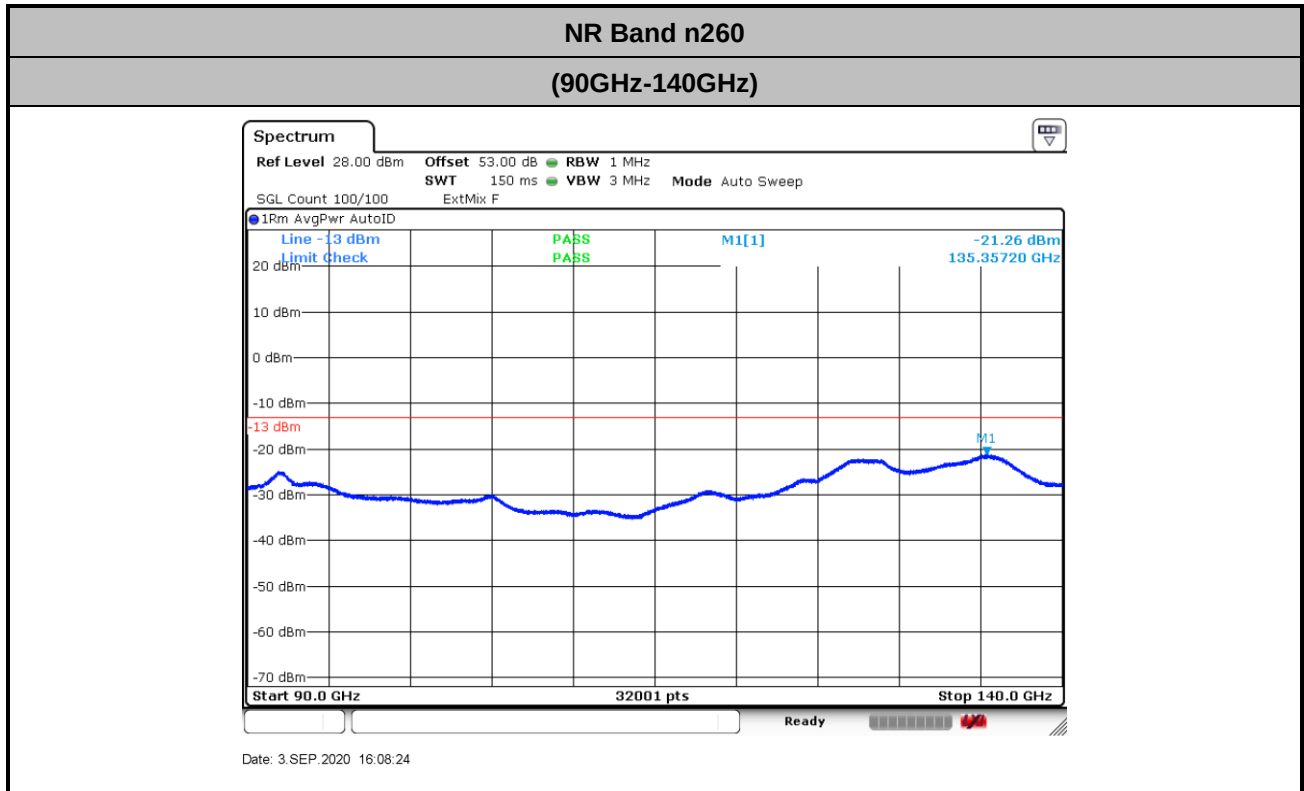
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



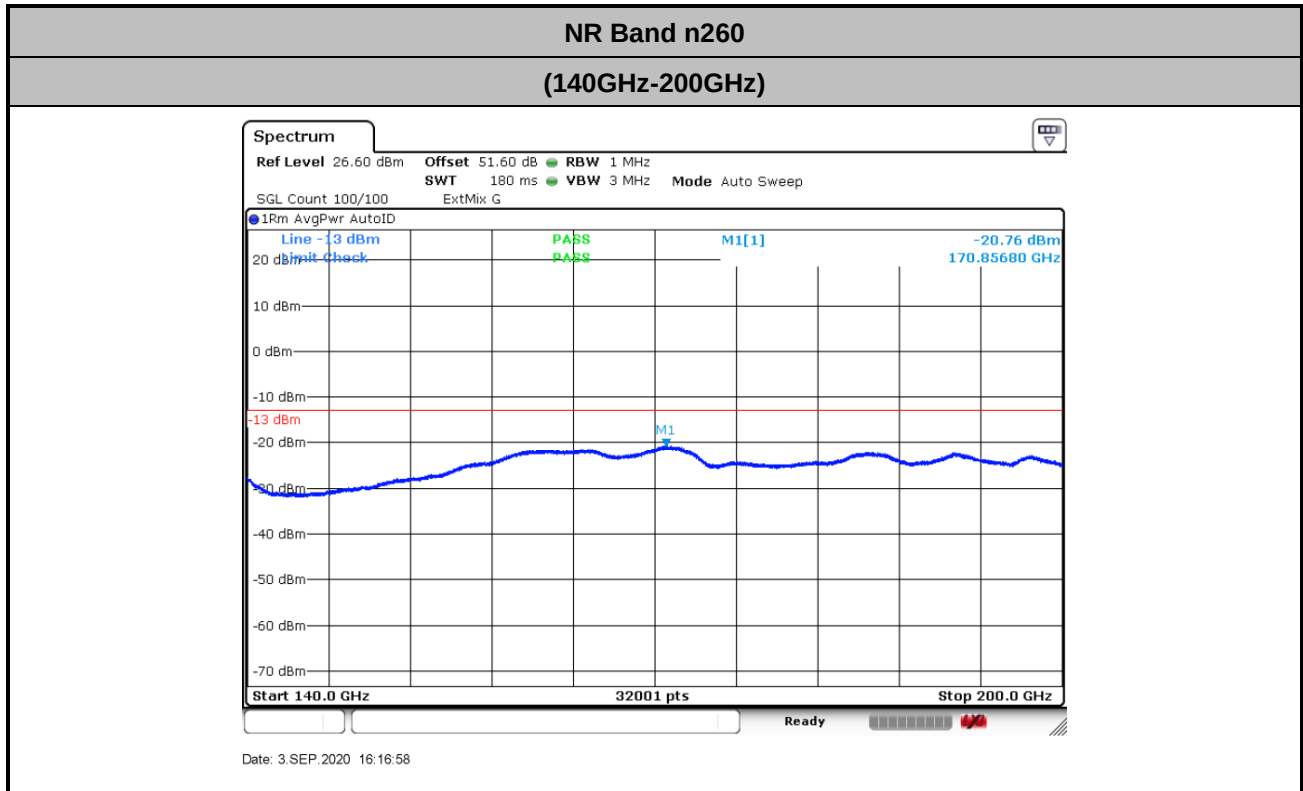
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}\end{aligned}$$



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

**NR Band n260 Module 0 AG0+1****Occupied Bandwidth**

Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.35	-	-	90.75	-	-
Middle CH	45.34	45.33	45.55	90.50	90.32	90.30
Highest CH	45.10	-	-	90.67	-	-

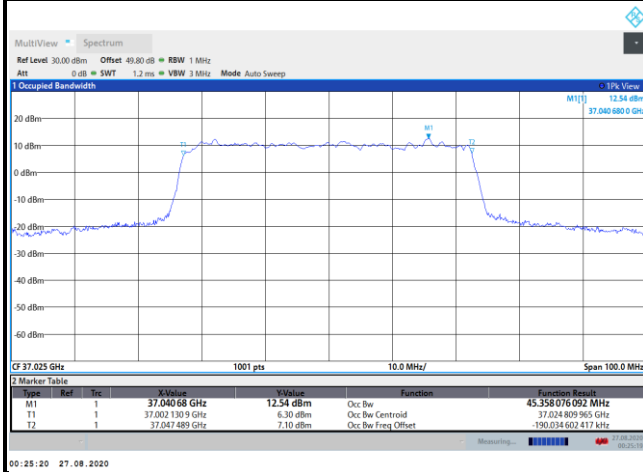
Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.55	-	-	93.35	-	-
Middle CH	45.37	45.31	45.32	93.02	93.40	93.08
Highest CH	45.51	-	-	92.79	-	-



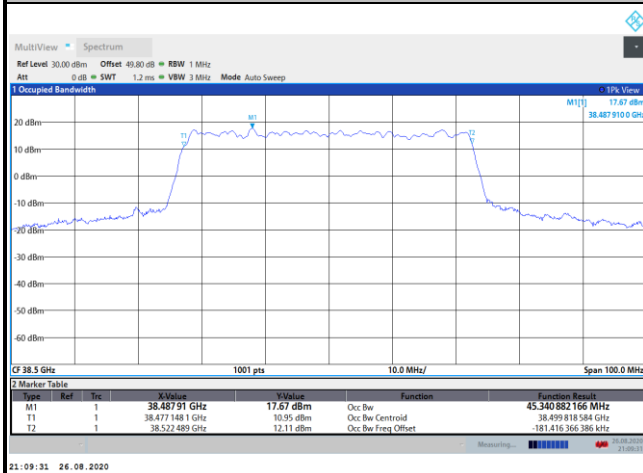
DFT-s-OFDM Module 0

NR Band n260

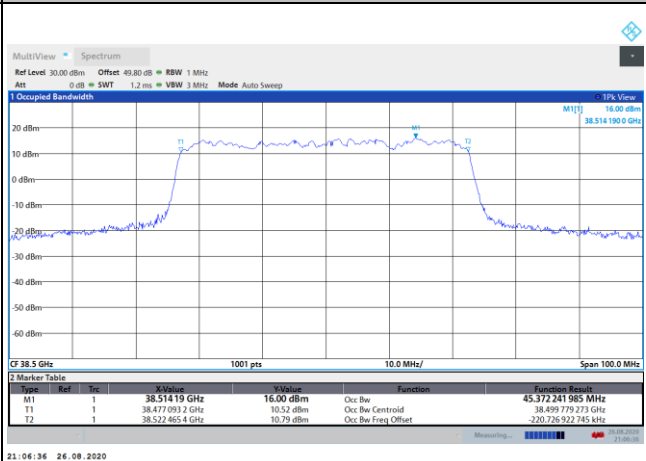
Lowest Channel / 50MHz / QPSK



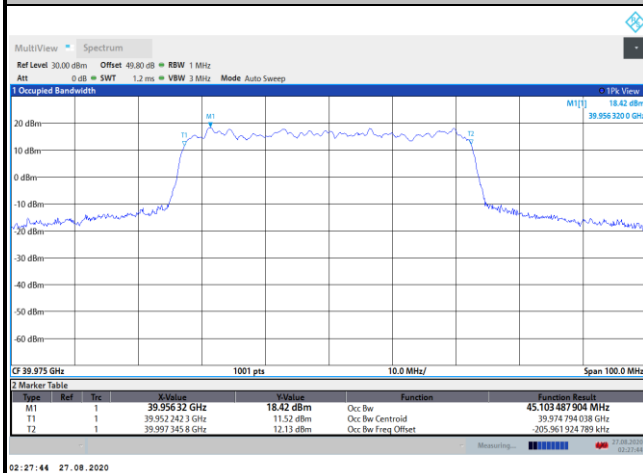
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

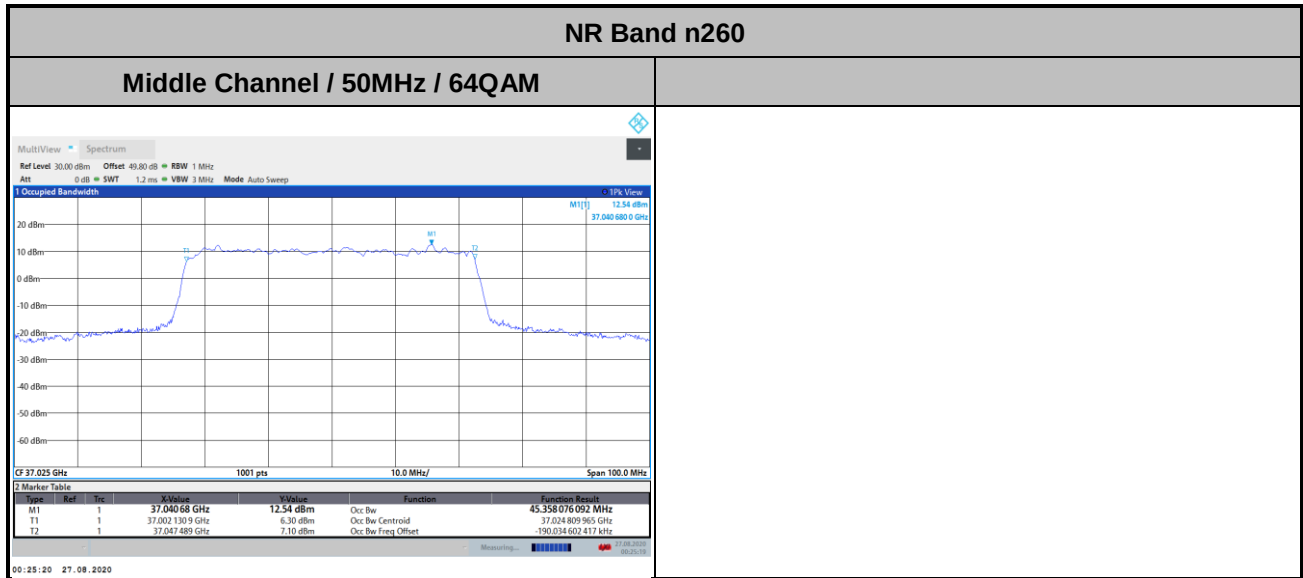


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 0

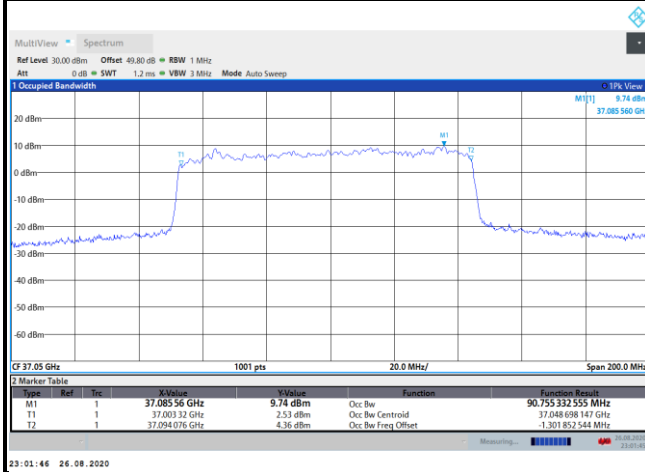




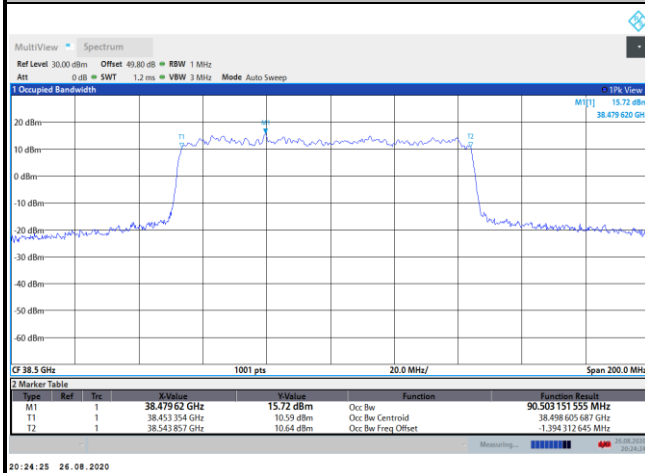
DFT-s-OFDM Module 0

NR Band n260

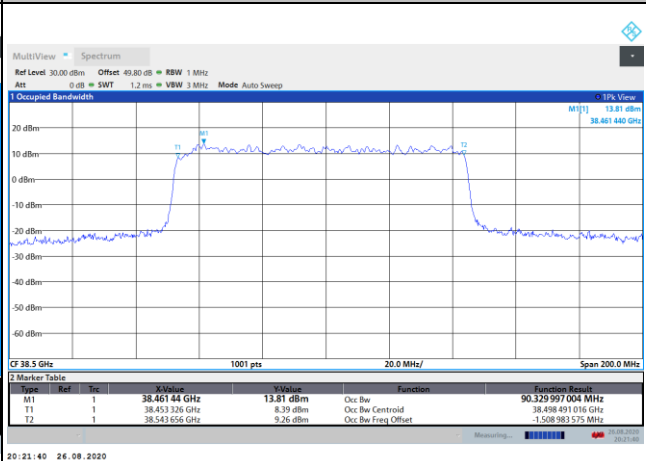
Lowest Channel / 100MHz / QPSK



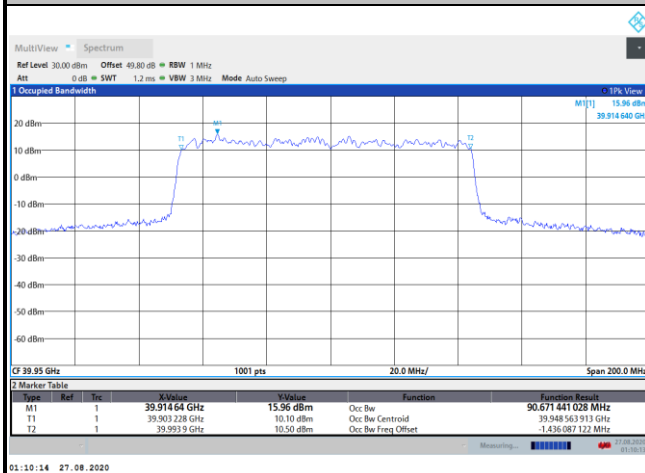
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

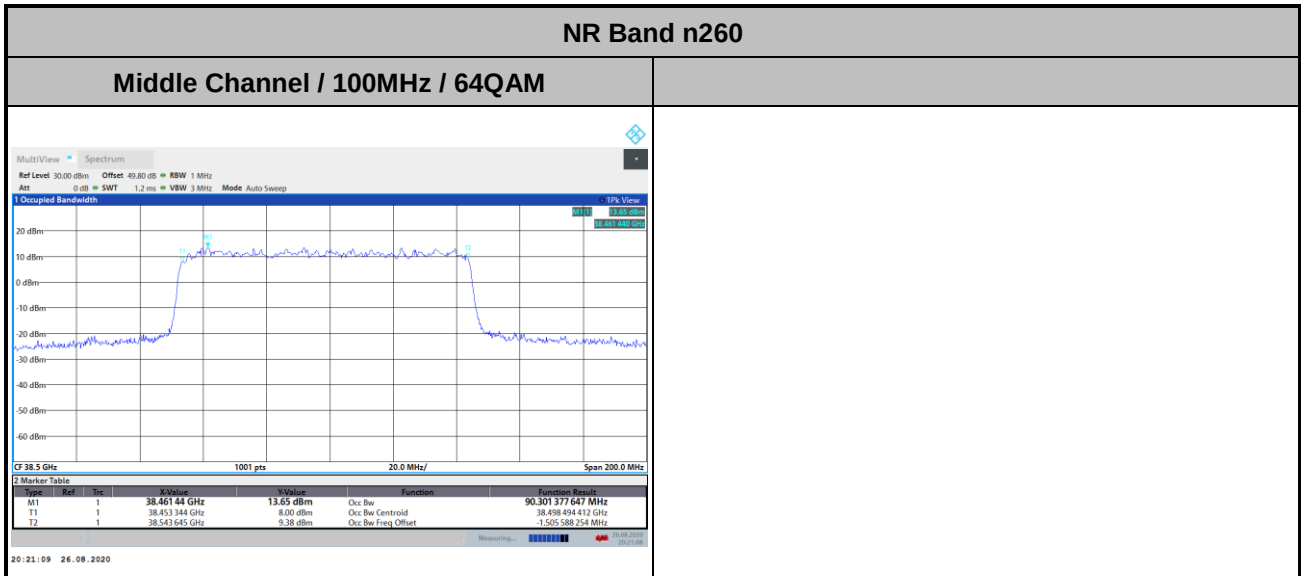


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 0

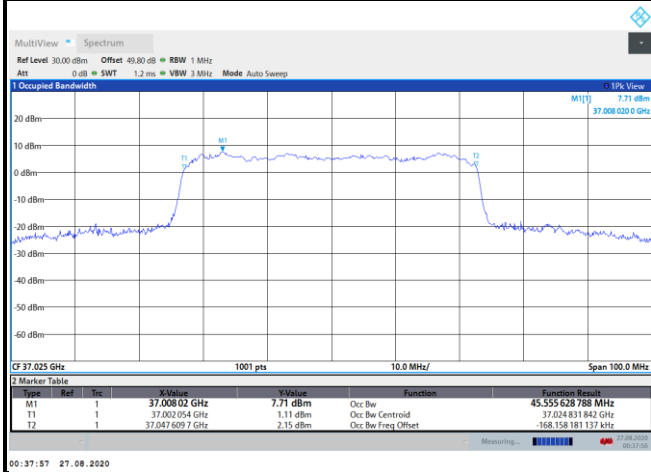




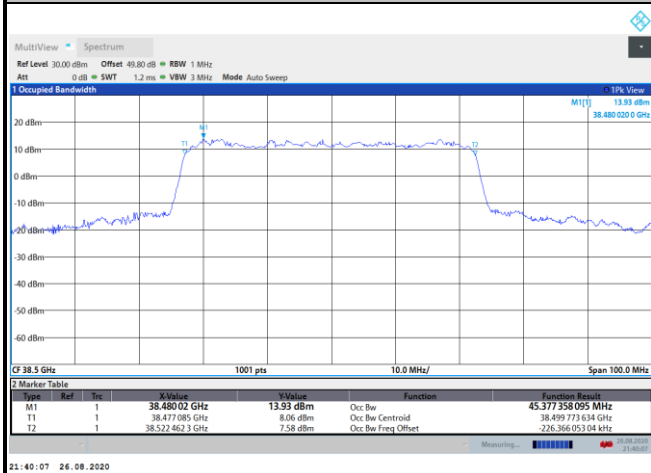
CP-OFDM Module 0

NR Band n260

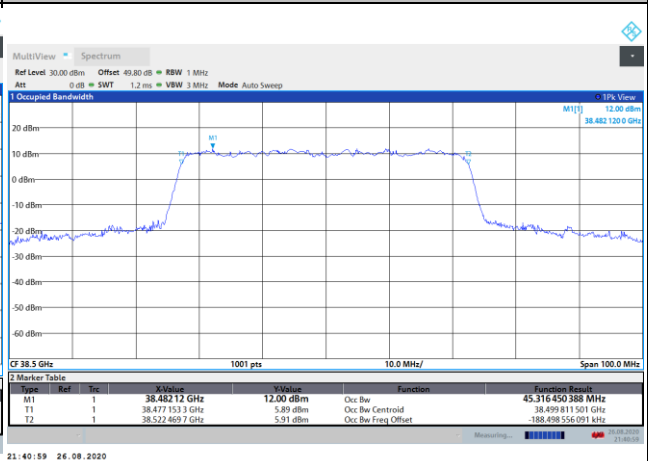
Lowest Channel / 50MHz / QPSK



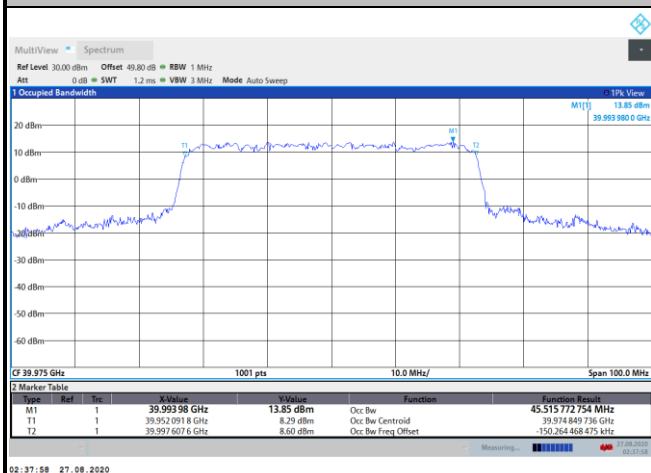
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

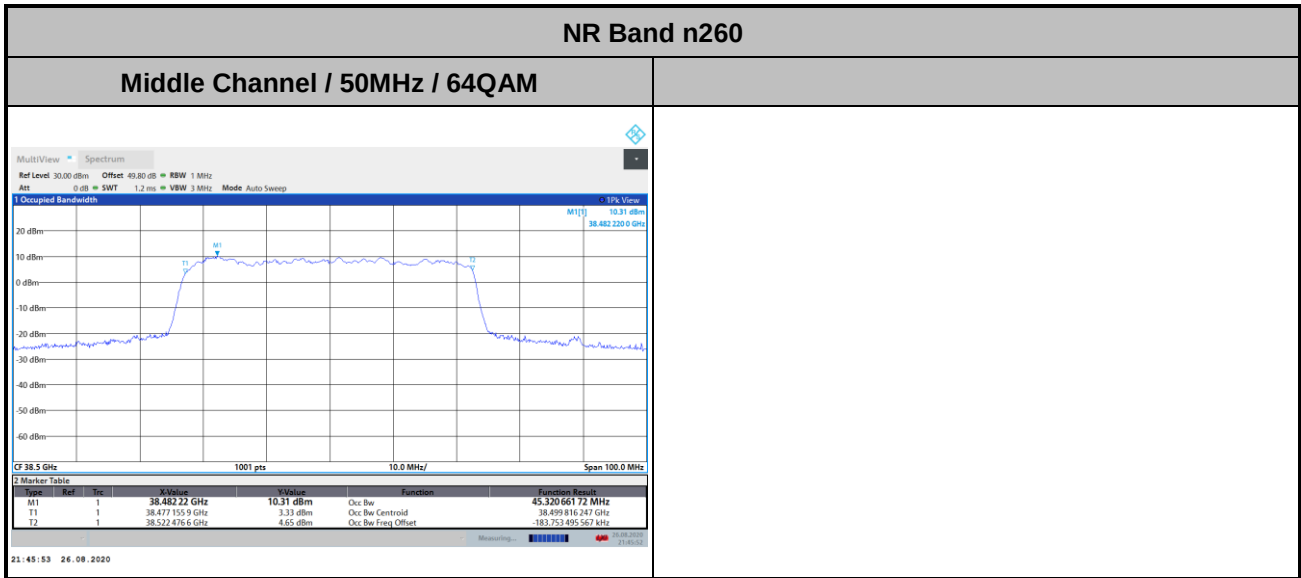


Highest Channel / 50MHz / QPSK





CP-OFDM Module 0

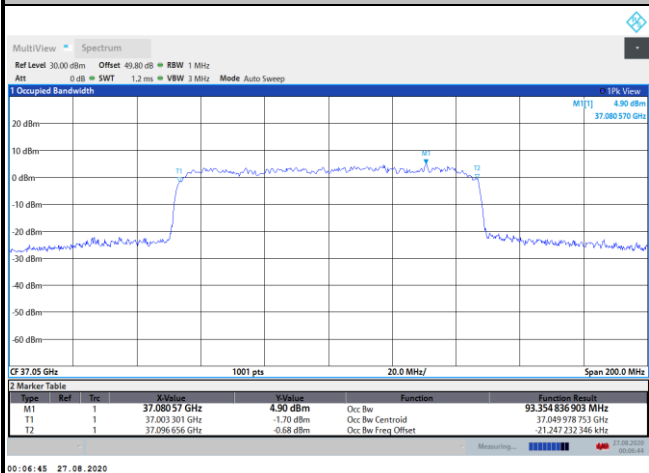




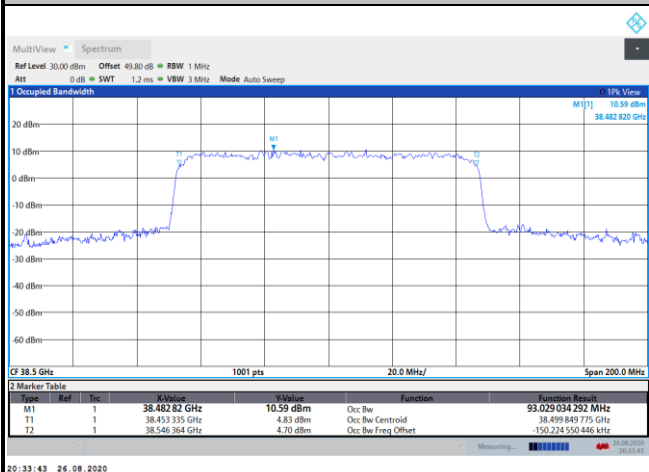
CP-OFDM Module 0

NR Band n260

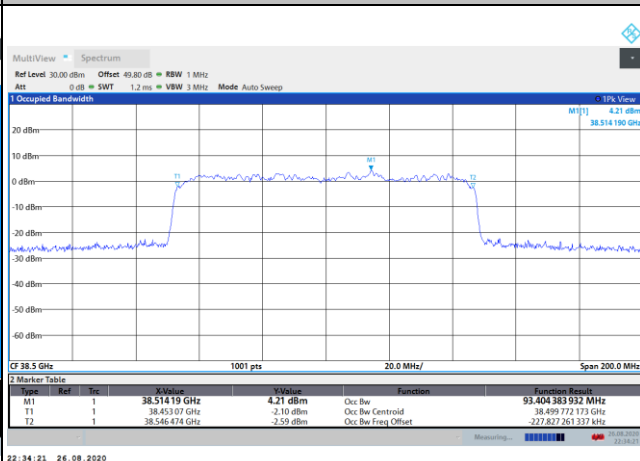
Lowest Channel / 100MHz / QPSK



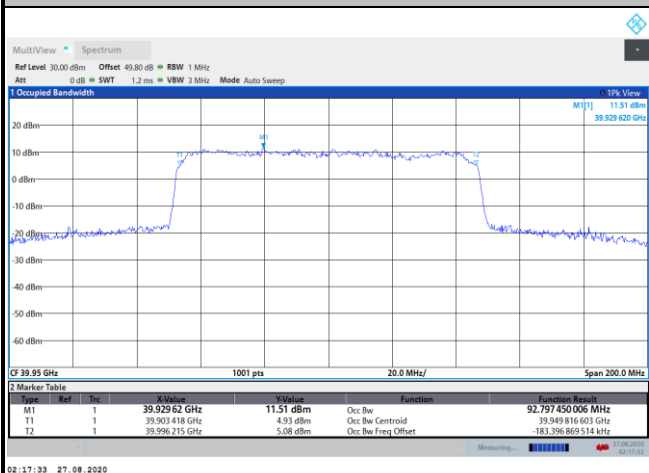
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

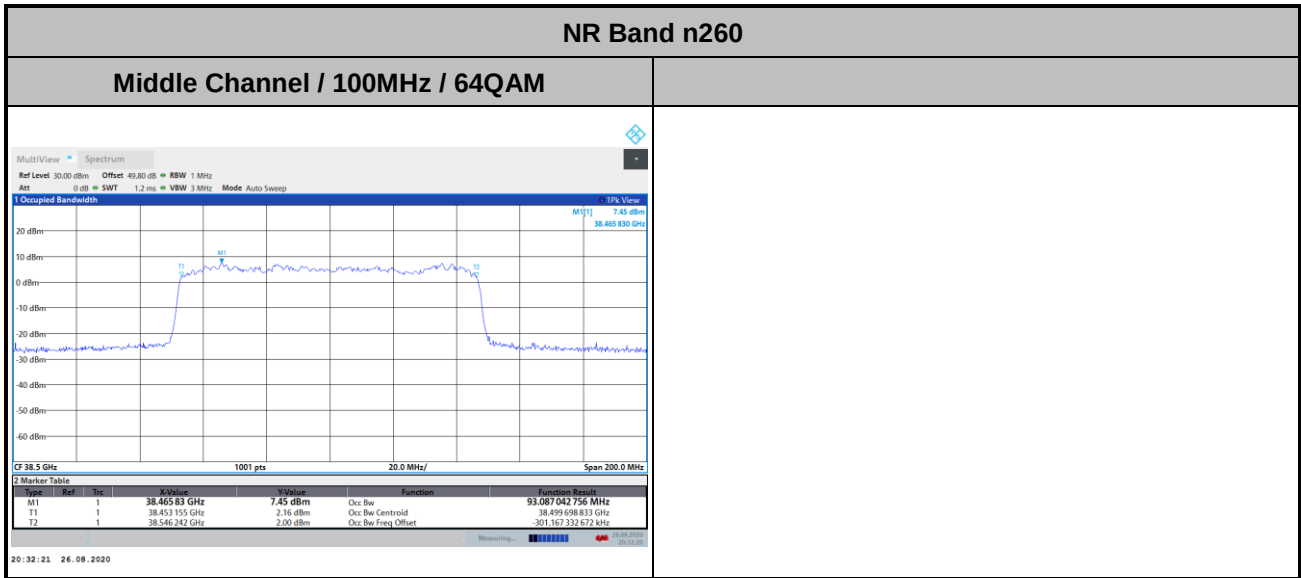


Highest Channel / 100MHz / QPSK





CP-OFDM Module 0



Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-10.18	-15.39
	>10%OB	≤ -13	-28.87	-32.2
High CH	0~10%OB	≤ -5	-11.15	-13.49
	>10%OB	≤ -13	-22.06	-27.73
Result			Compliance	

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) 1 RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-15.25	-18.18
	>10%OB	≤ -13	-32.84	-34.28
High CH	0~10%OB	≤ -5	-14.57	-16.61
	>10%OB	≤ -13	-24.12	-30.88
Result			Compliance	

Mode			DFT-s-OFDM Module 0 NR Band n260 : BE (dBm) Full RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-23.23	-29.09
	>10%OB	≤ -13	-27.77	-32.42
High CH	0~10%OB	≤ -5	-19.55	-24.02
	>10%OB	≤ -13	-22.32	-25.67
Result			Compliance	

Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB	
BW			50MHz	100MHz
Limit (dBm)			QPSK	QPSK
Low CH	0~10%OB	≤ -5	-26.57	-30.27
	>10%OB	≤ -13	-30.98	-32.82
High CH	0~10%OB	≤ -5	-21.41	-25.75
	>10%OB	≤ -13	-24	-27.79
Result			Compliance	