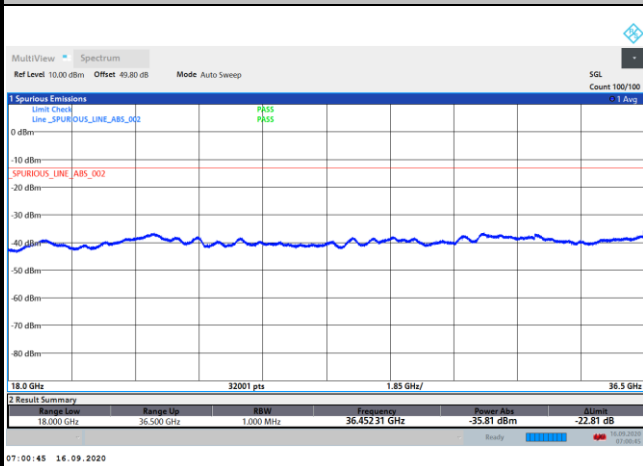




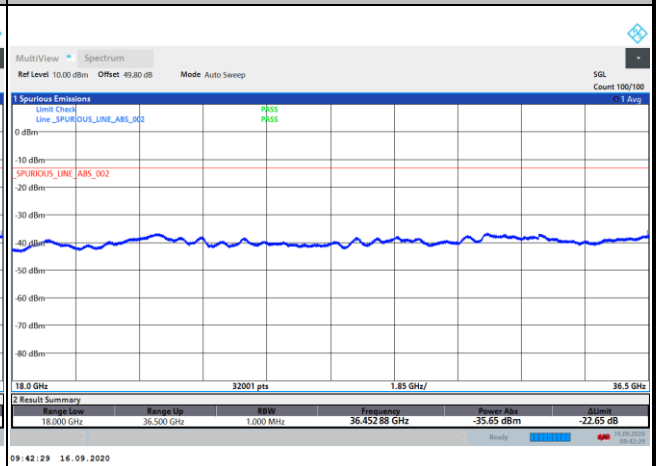
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

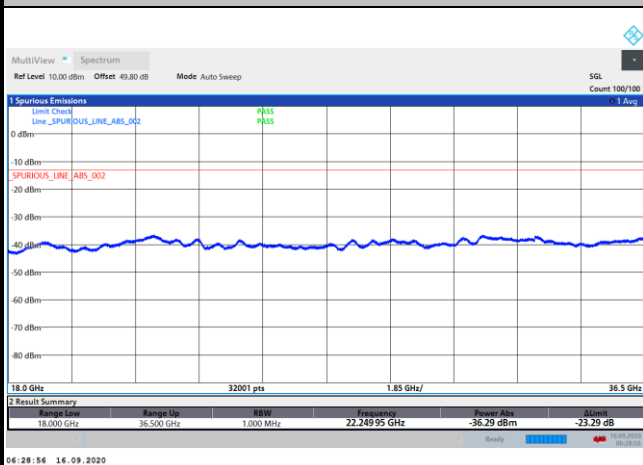
Lowest Channel / 50MHz



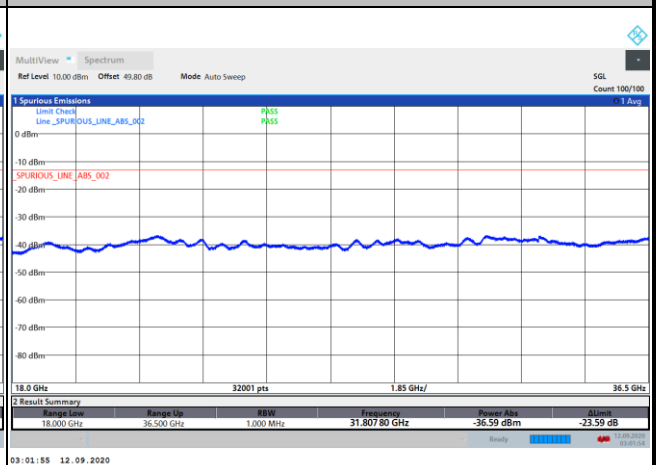
Lowest Channel / 100MHz



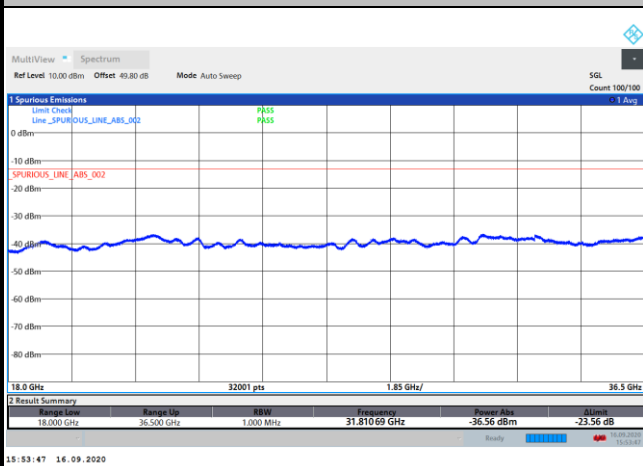
Middle Channel / 50MHz



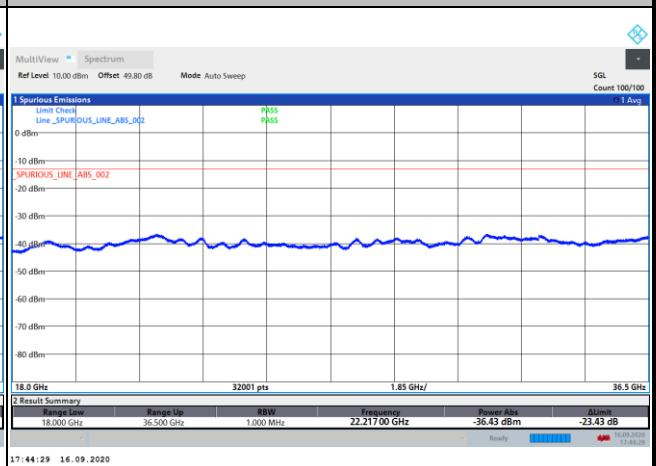
Middle Channel / 100MHz



Highest Channel / 50MHz

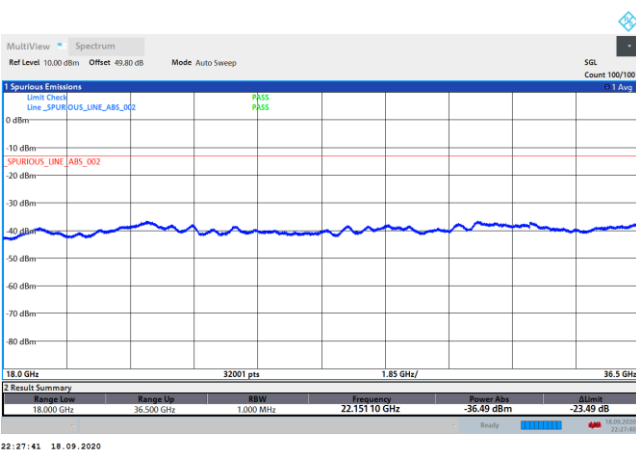
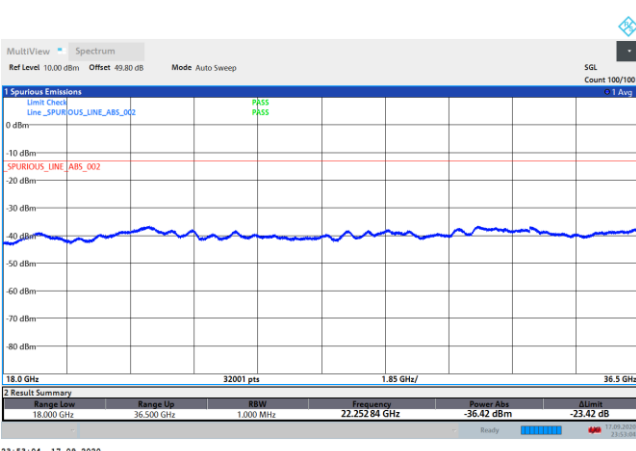
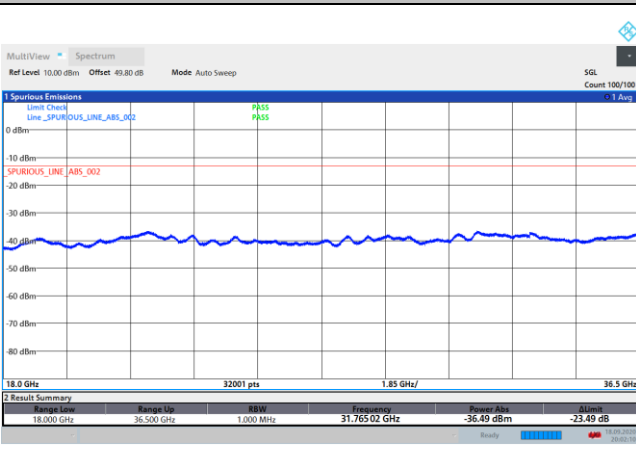


Highest Channel / 100MHz





DFT-s-OFDM Module 1

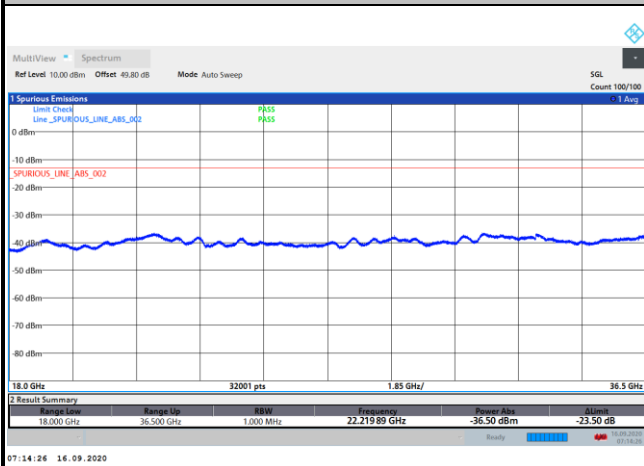
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
 <p>intentionally blank</p>	
Middle Channel / 400MHz	
 <p>intentionally blank</p>	
Highest Channel / 400MHz	
 <p>intentionally blank</p>	



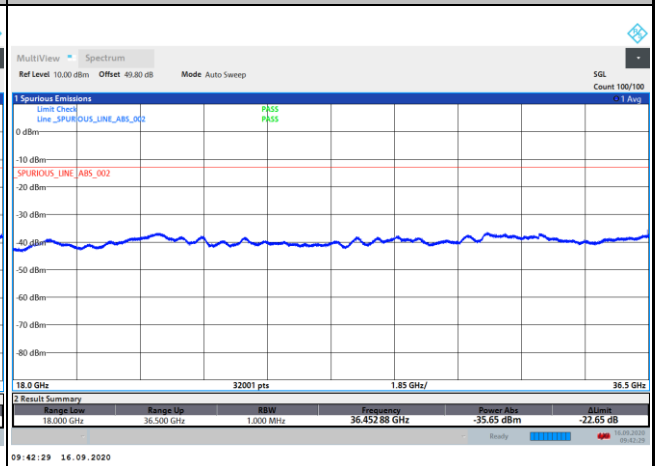
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

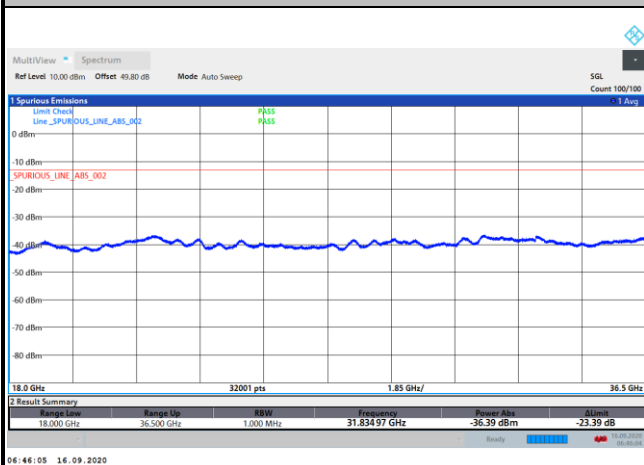
Lowest Channel / 50MHz



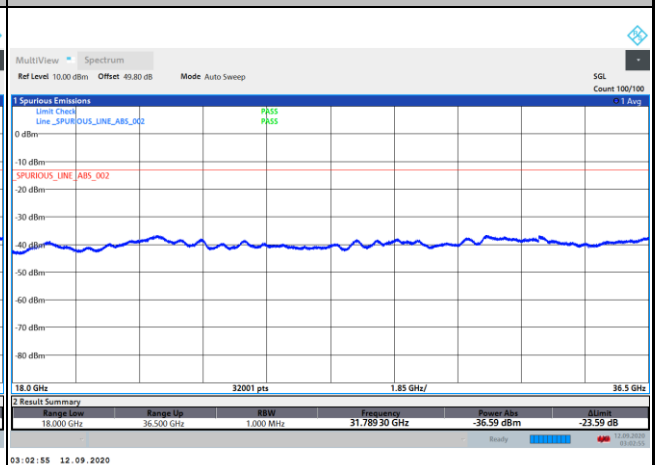
Lowest Channel / 100MHz



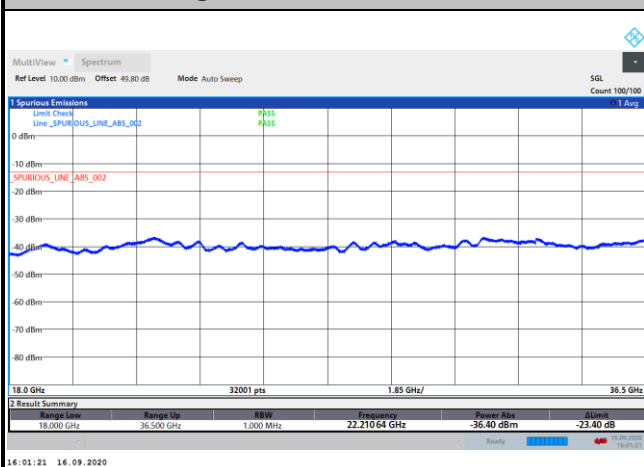
Middle Channel / 50MHz



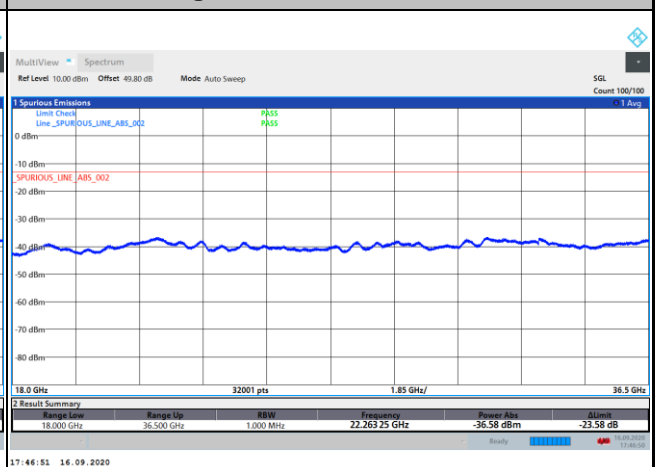
Middle Channel / 100MHz



Highest Channel / 50MHz

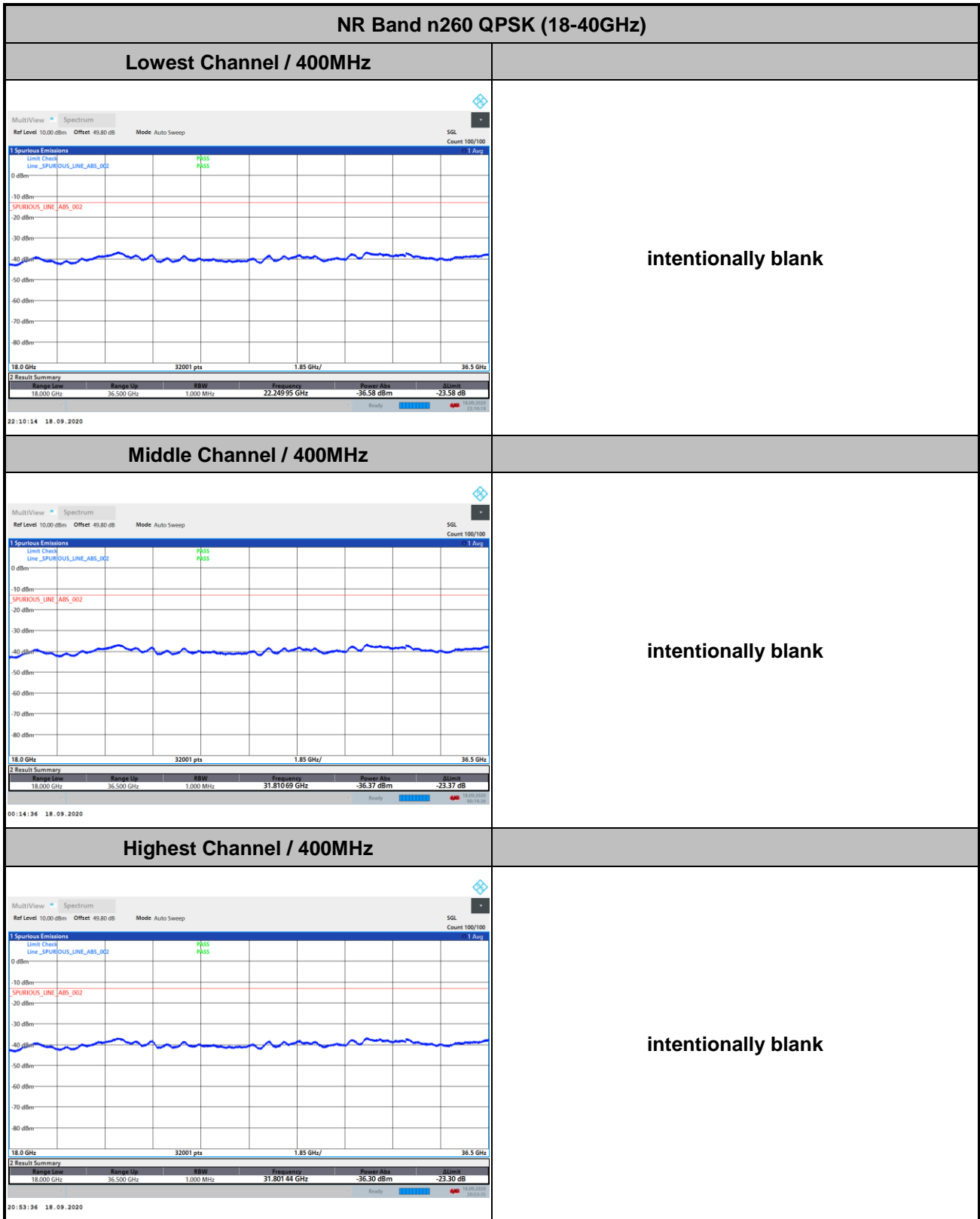


Highest Channel / 100MHz



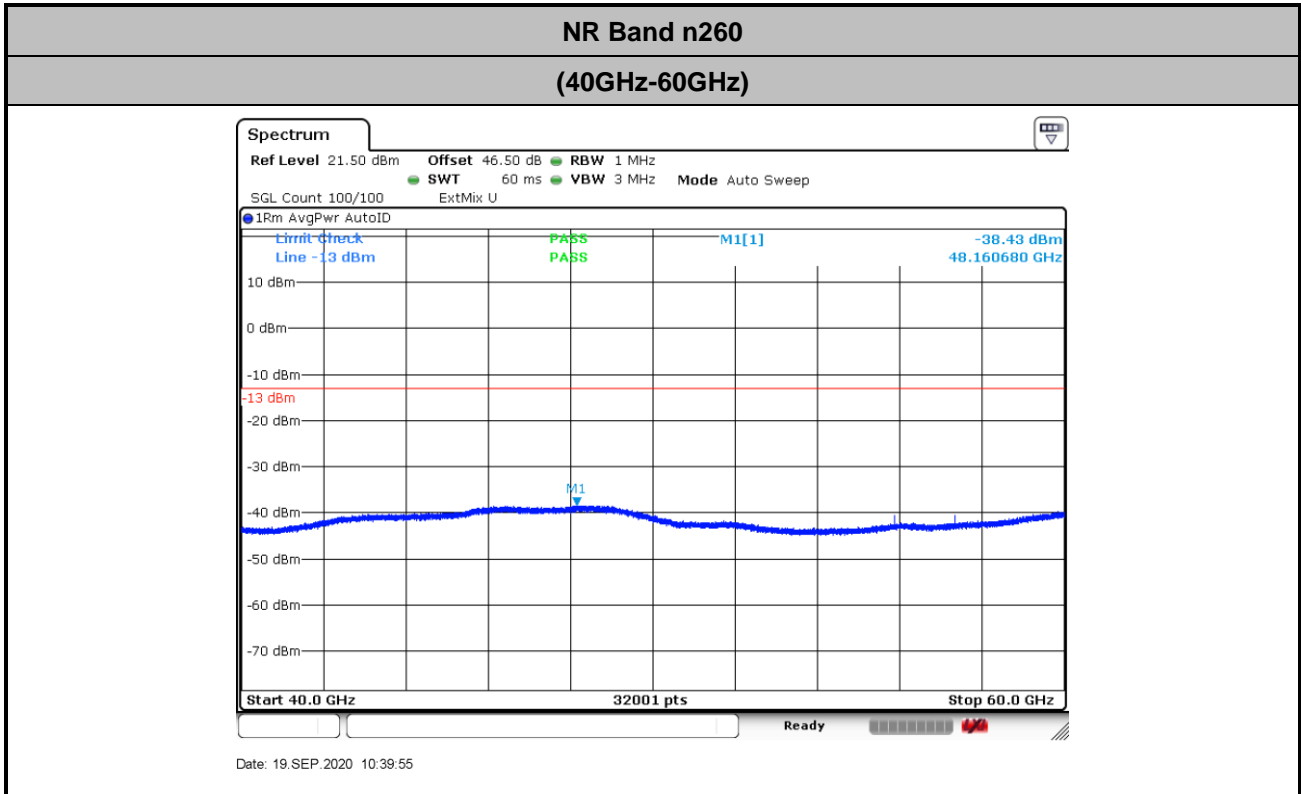


CP-OFDM Module 1



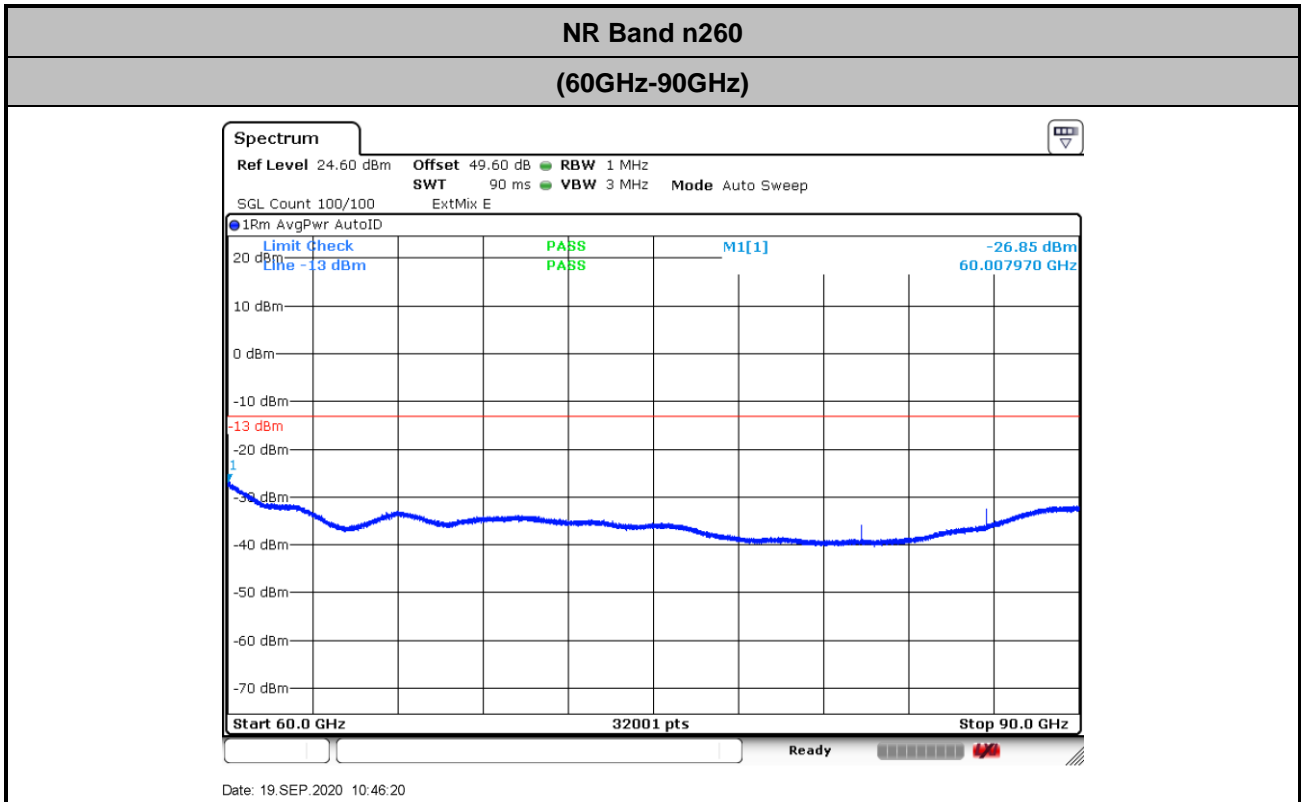


There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.

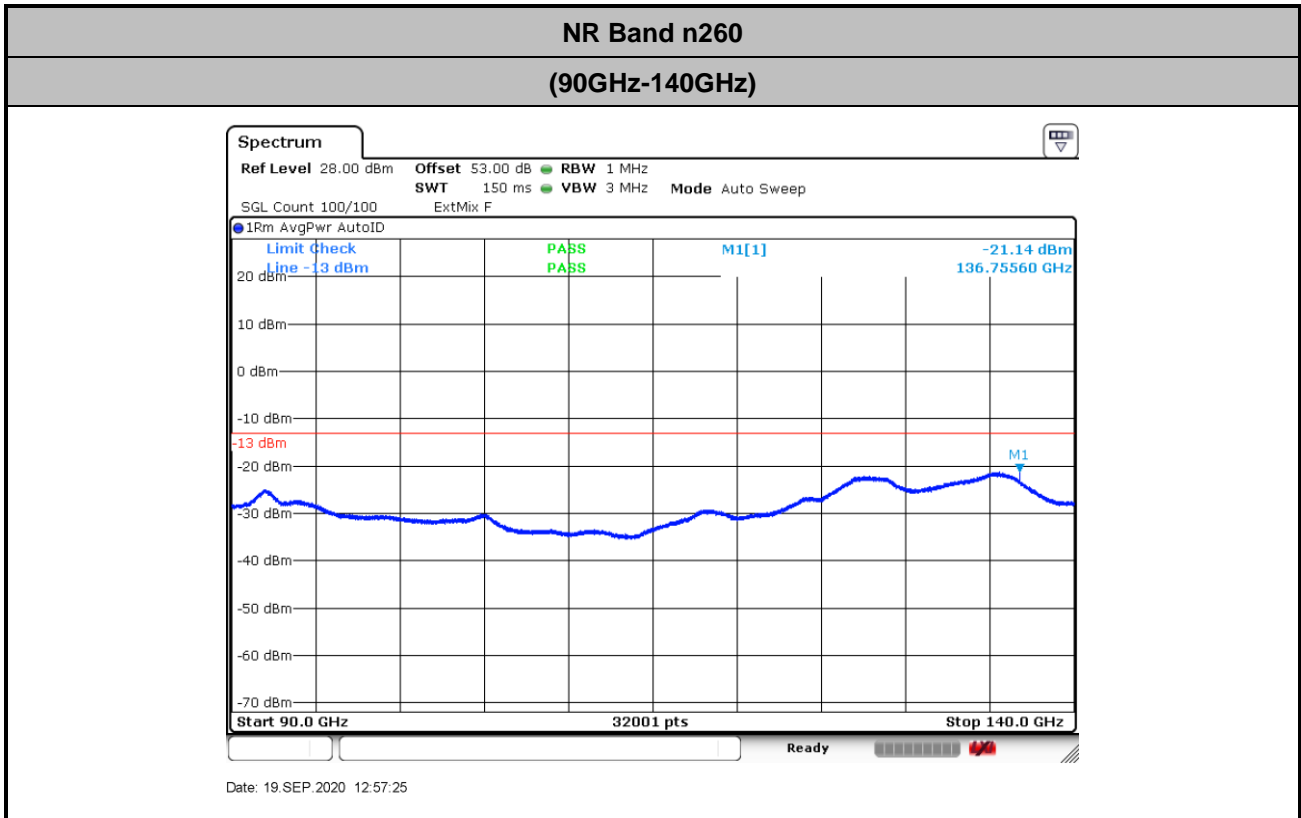


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

$$= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)}$$



$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 45.2 + 2.2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)}
 \end{aligned}$$

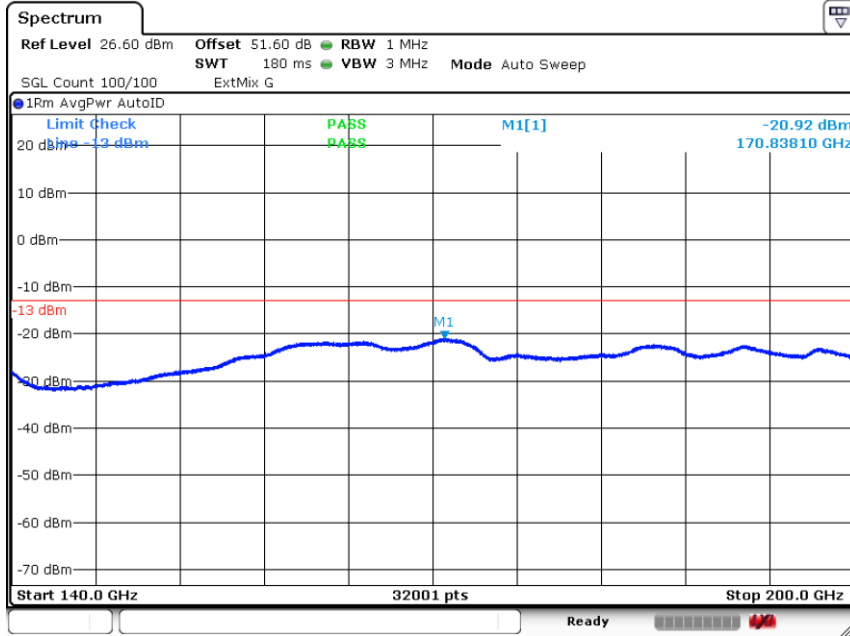


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)} \end{aligned}$$



NR Band n260

(140GHz-200GHz)



Date: 19.SEP.2020 13:28:58

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

$$= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)}$$





# NR Band n260 Module 2 AG0

## Occupied Bandwidth

Mode	DFT-s-OFDM Module 2 NR Band n260 : 99%OBW(MHz)											
BW	50MHz				100MHz				400MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.27	45.26	-	-	90.17	90.33	-	-	388.24	387.97	-	-
Middle CH	45.05	45.48	45.06	45.24	90.64	90.50	90.18	90.32	387.19	386.99	387.45	387.88
Highest CH	45.32	45.48	-	-	90.44	91.03	-	-	388.58	387.49	-	-

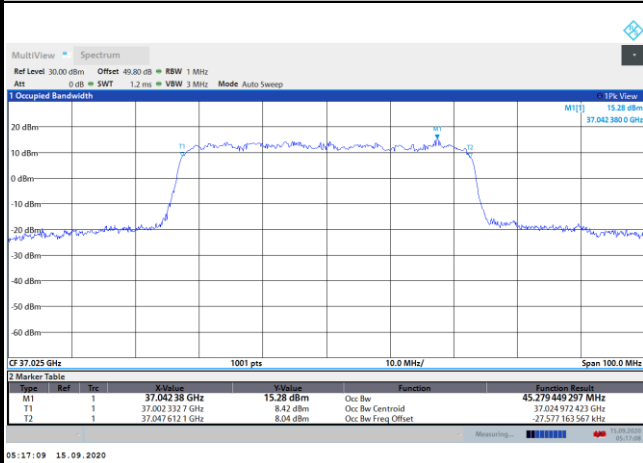
Mode	CP-OFDM Module 2 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.08	-	-	93.24	-	-	391.90	-	-
Middle CH	45.09	45.37	45.17	92.64	92.68	92.59	389.24	389.29	391.63
Highest CH	45.30	-	-	93.15	-	-	390.39	-	-



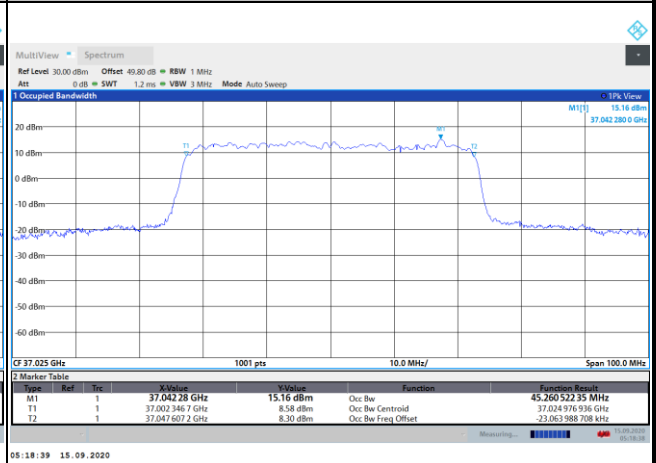
DFT-s-OFDM Module 2

NR Band n260

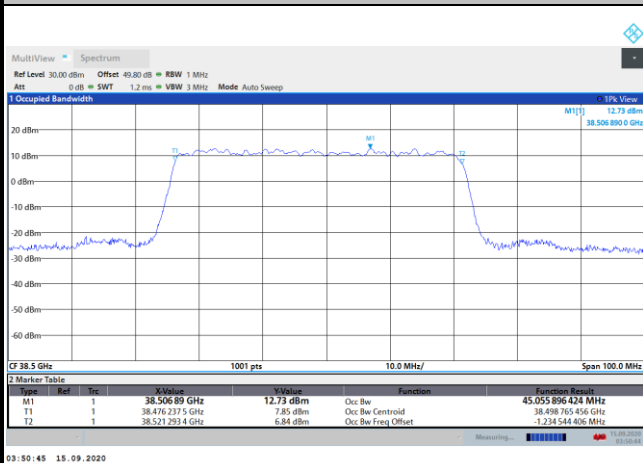
Lowest Channel / 50MHz / BPSK



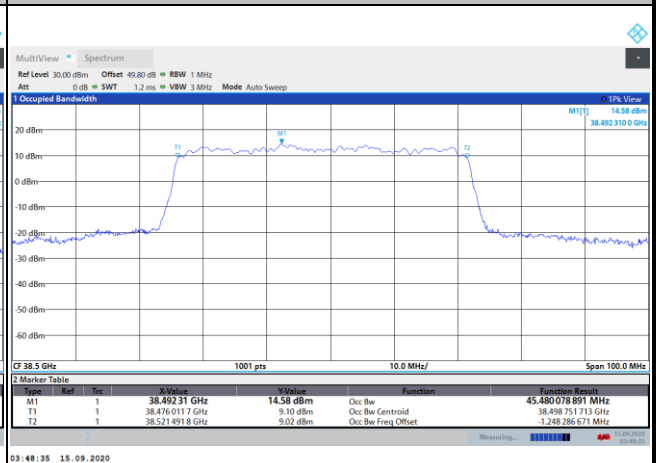
Lowest Channel / 50MHz / QPSK



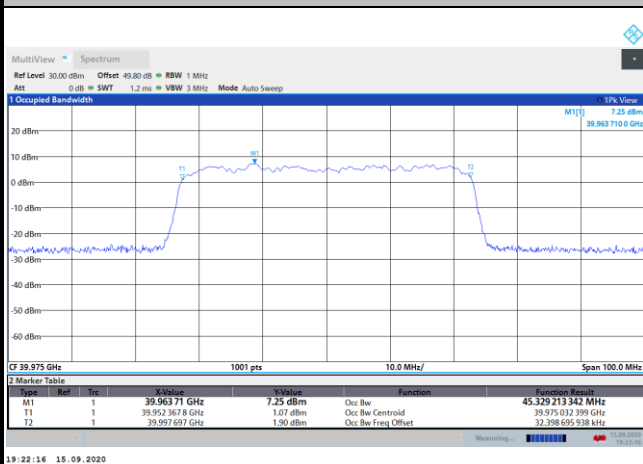
Middle Channel / 50MHz / BPSK



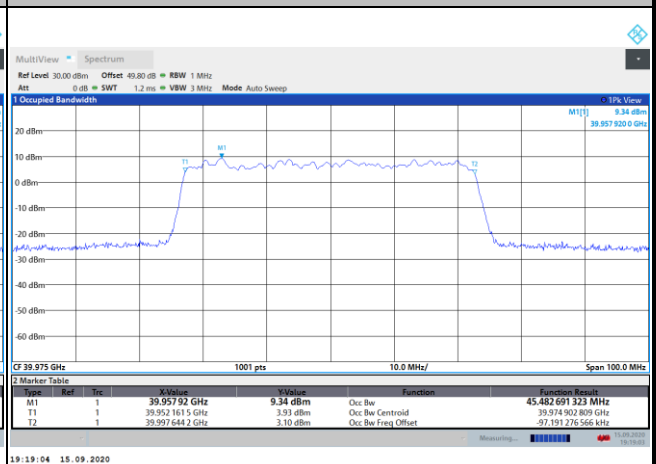
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK

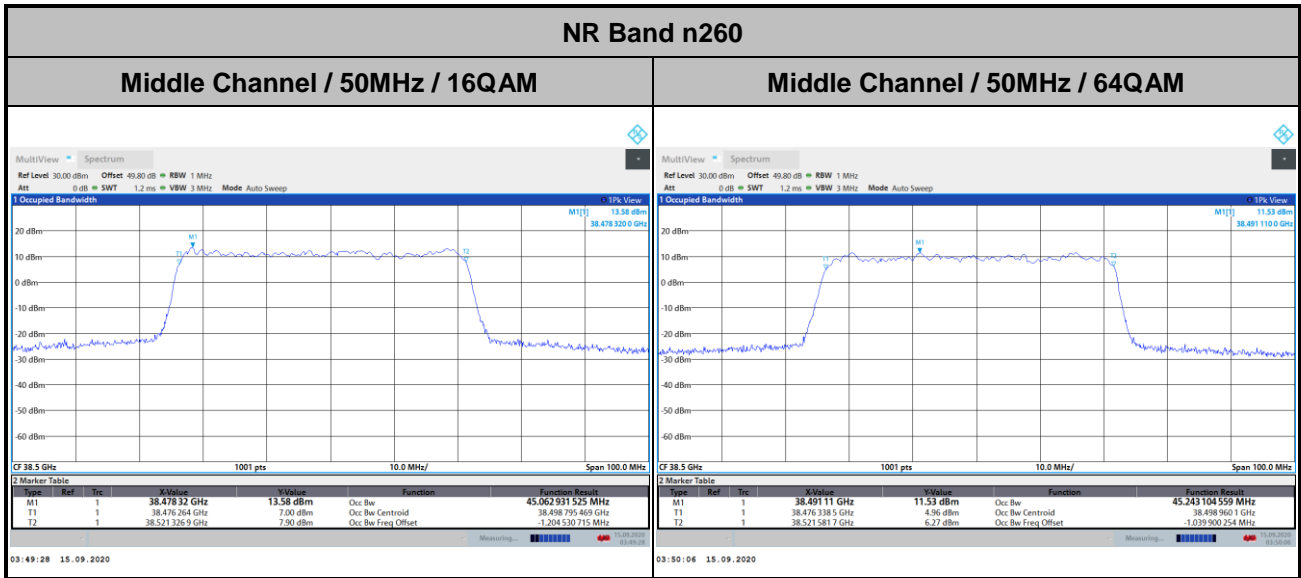


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 2

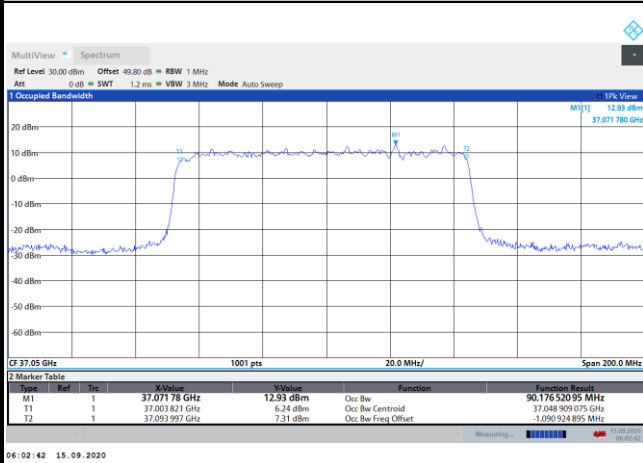




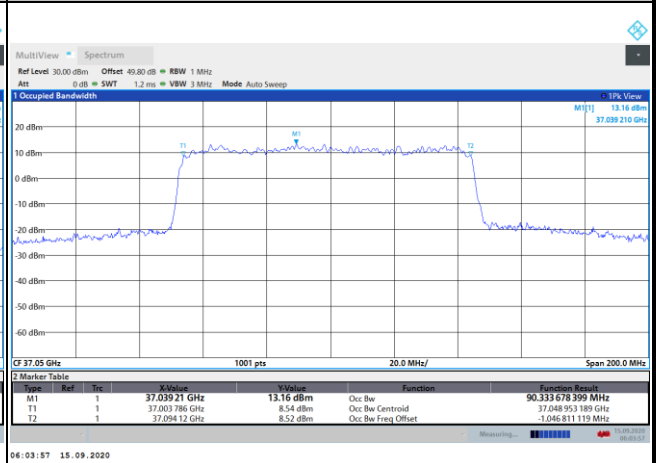
DFT-s-OFDM Module 2

NR Band n260

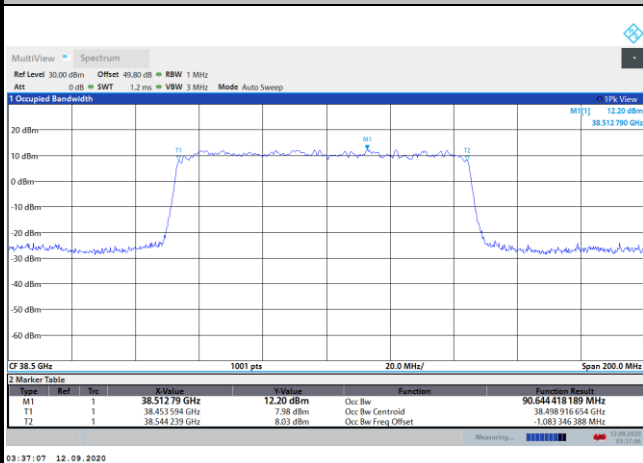
Lowest Channel / 100MHz / BPSK



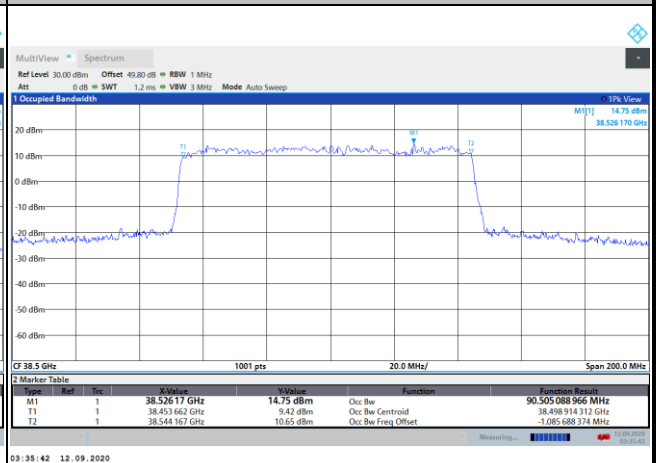
Lowest Channel / 100MHz / QPSK



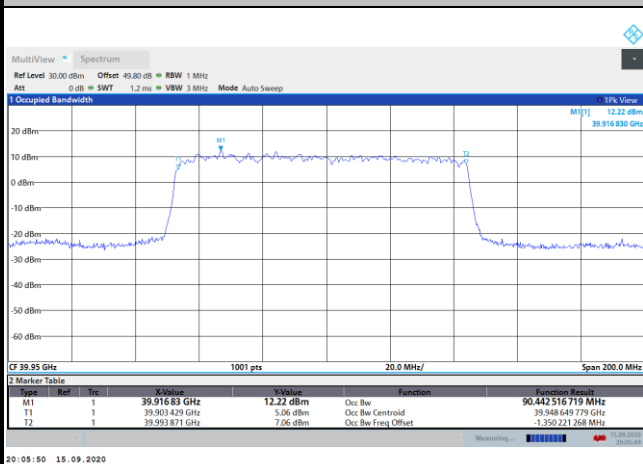
Middle Channel / 100MHz / BPSK



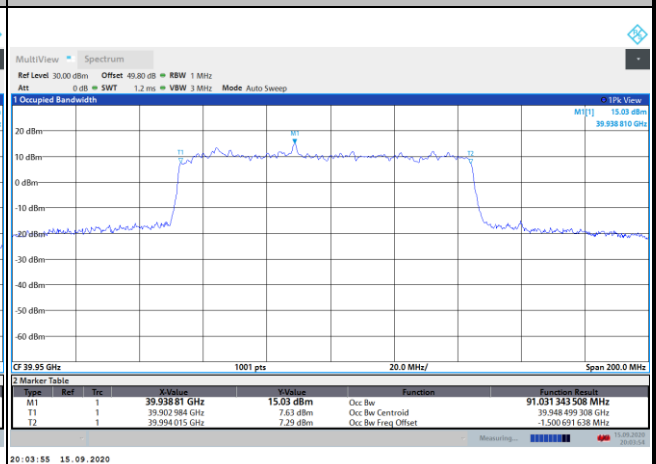
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK

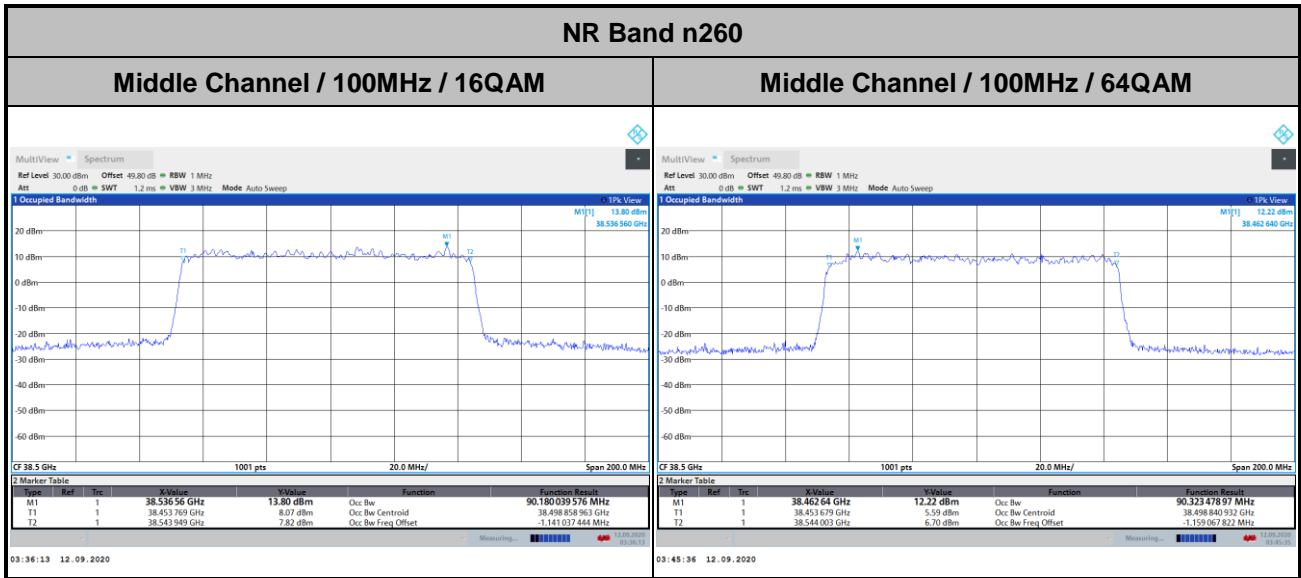


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 2





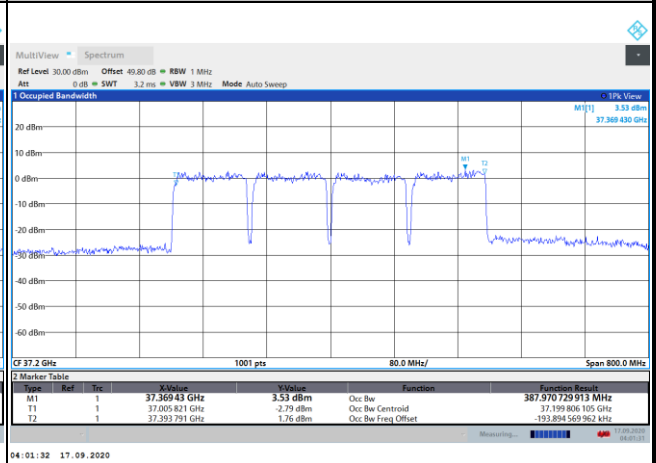
DFT-s-OFDM Module 2

NR Band n260

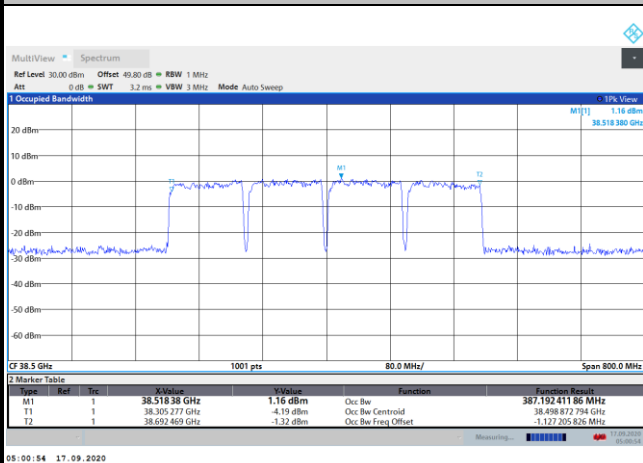
Lowest Channel / 400MHz / BPSK



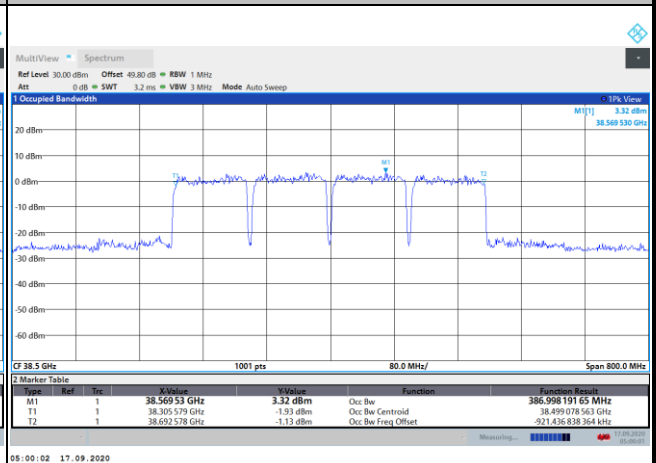
Lowest Channel / 400MHz / QPSK



Middle Channel / 400MHz / BPSK



Middle Channel / 400MHz / QPSK



Highest Channel / 400MHz / BPSK

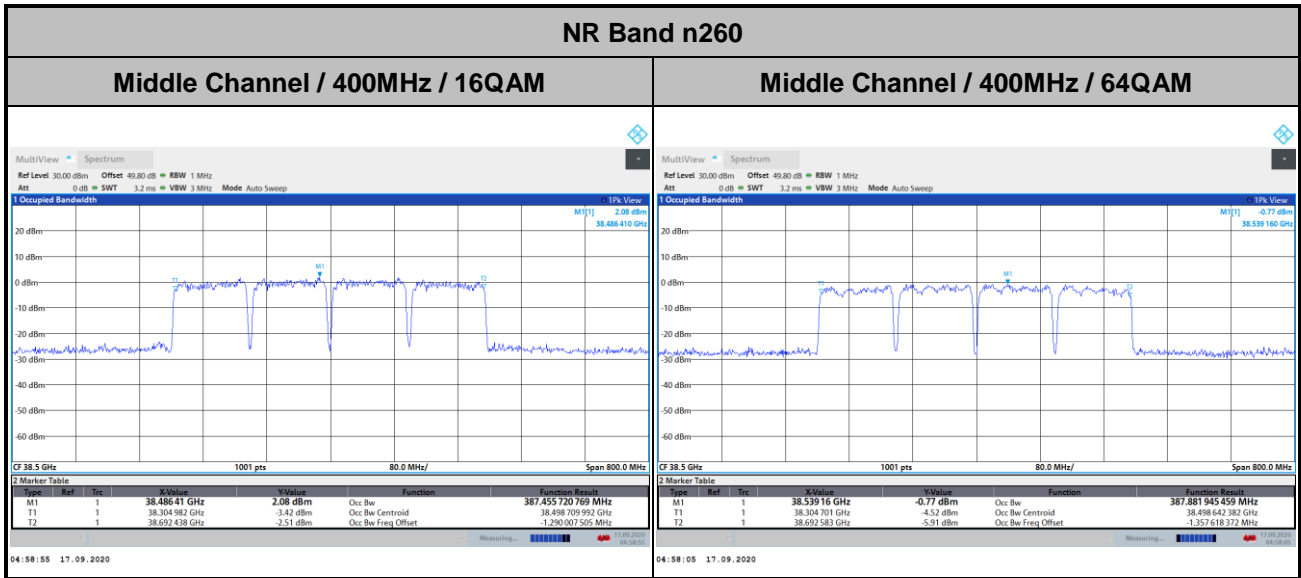


Highest Channel / 400MHz / QPSK





DFT-s-OFDM Module 2

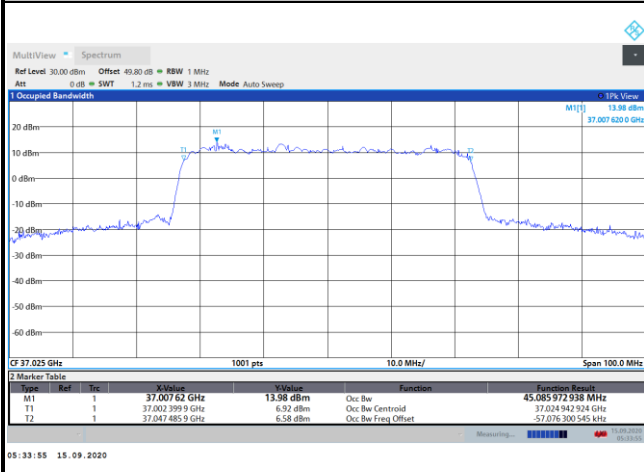




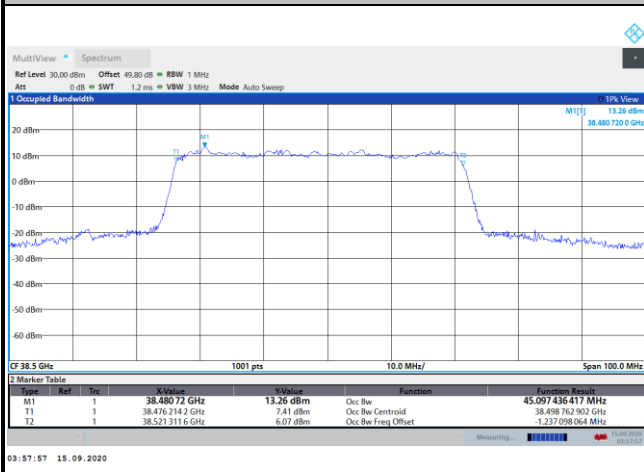
CP-OFDM Module 2

NR Band n260

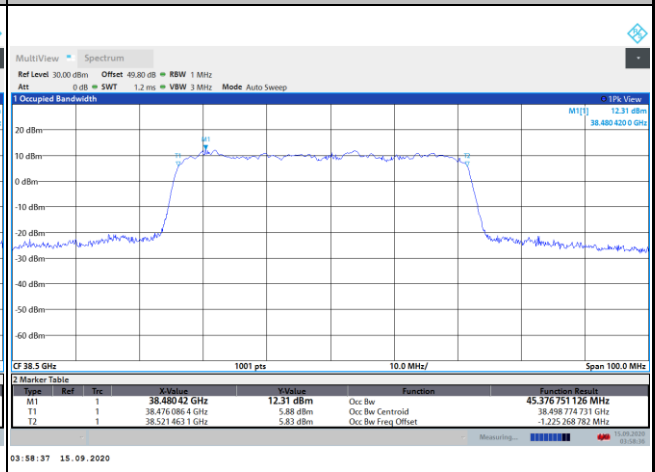
Lowest Channel / 50MHz / QPSK



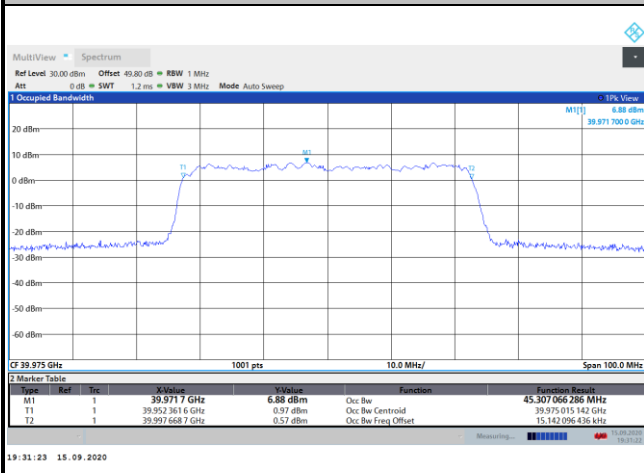
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



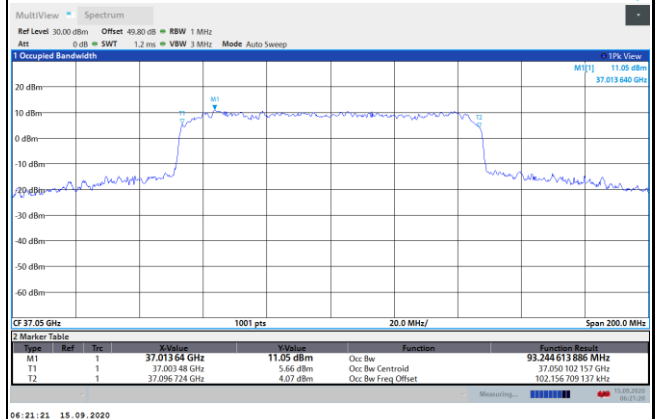




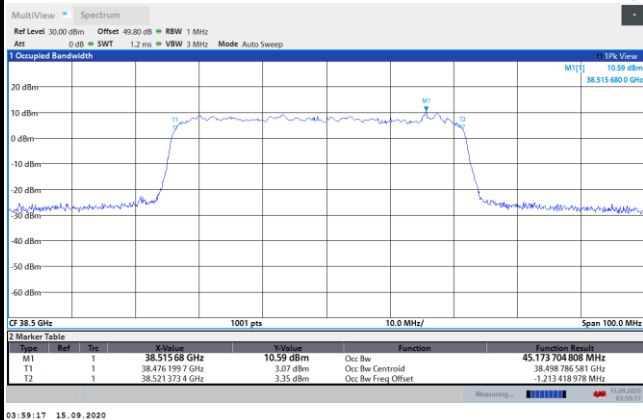
CP-OFDM Module 2

NR Band n260

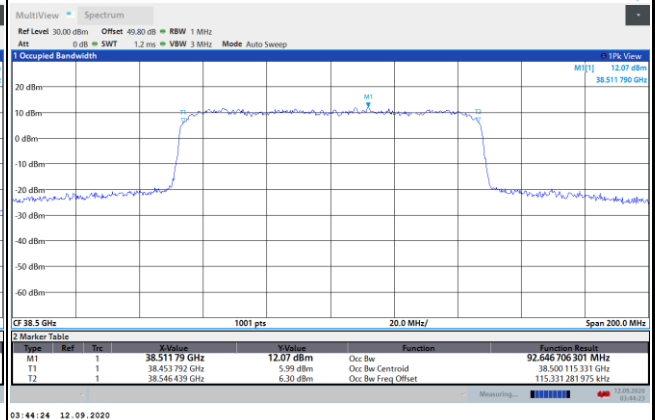
Lowest Channel / 100MHz / QPSK



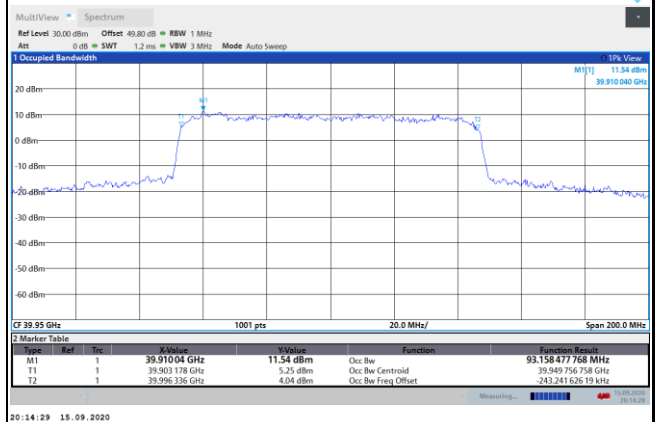
Middle Channel / 50MHz / 64QAM



Middle Channel / 100MHz / QPSK

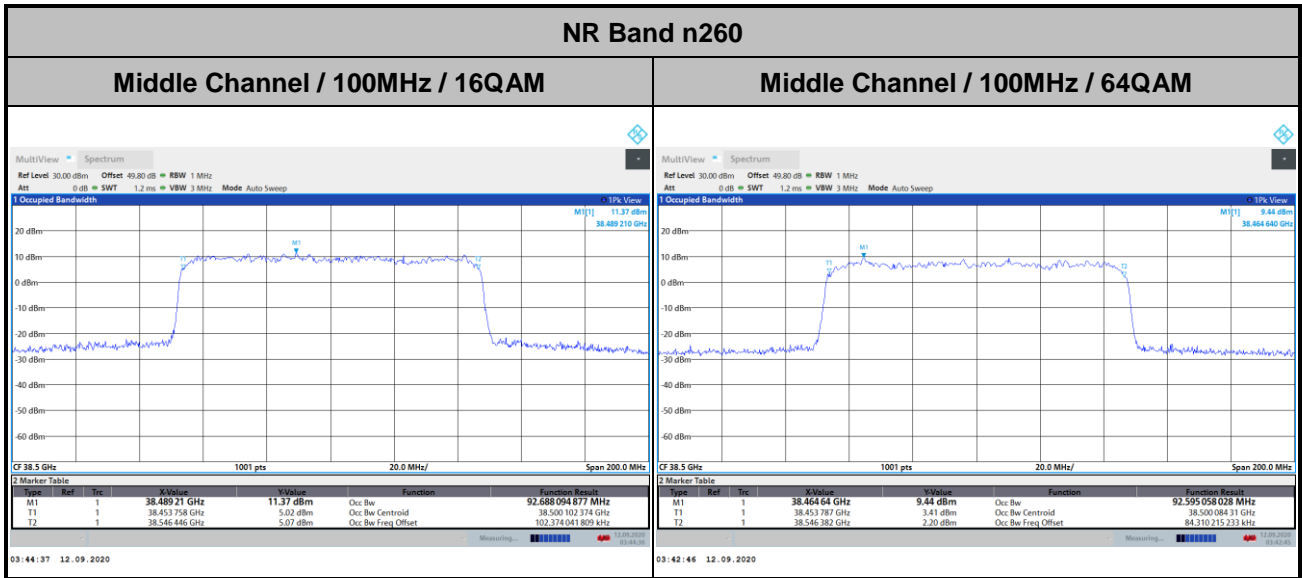


Highest Channel / 100MHz / QPSK





CP-OFDM Module 2

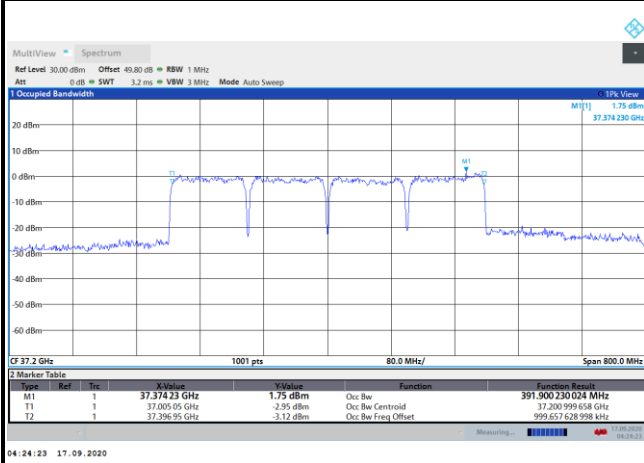




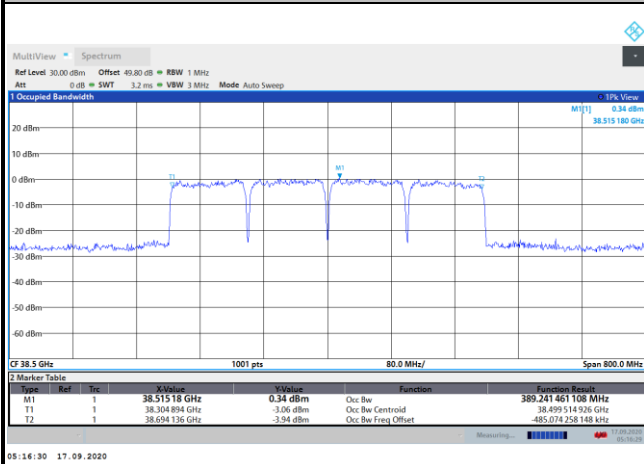
CP-OFDM Module 2

NR Band n260

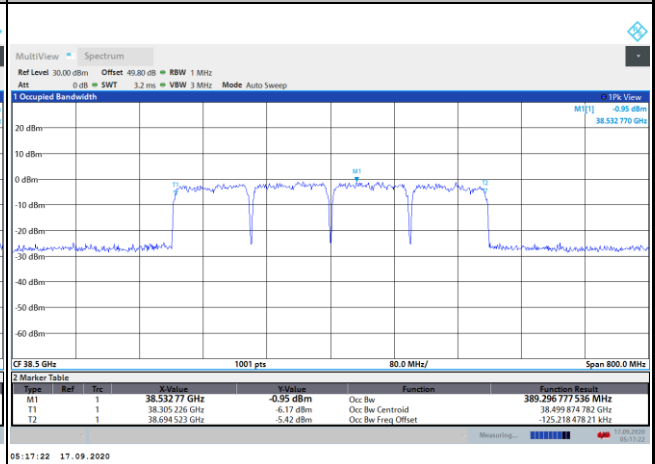
Lowest Channel / 400MHz / QPSK



Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

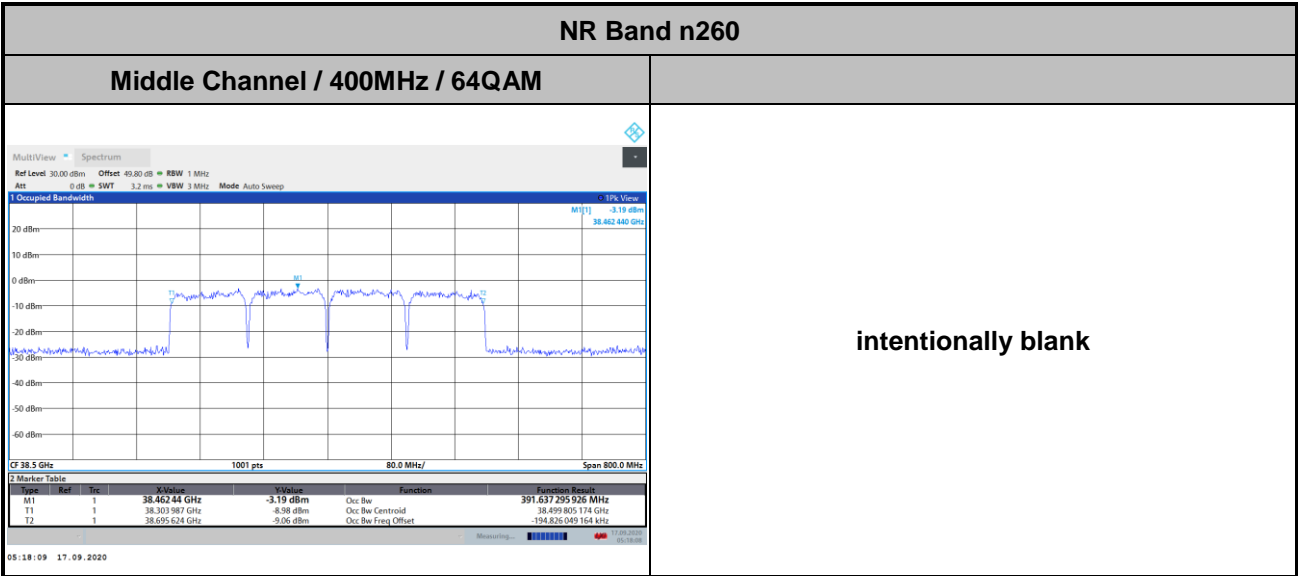


Highest Channel / 400MHz / QPSK





CP-OFDM Module 2





**Radiated Out of Band Emissions**

Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-14.02	-14.99	-	-	-16.53	-16.14	-	-	-31.07	-30.51	-	-
	>10%OB	≤-13	-34.51	-33.87	-	-	-37.11	-36.53	-	-	-36.96	-35.46	-	-
High CH	0~10%OB	≤-5	-22.72	-21.65	-	-	-19.51	-19.18	-	-	-32.47	-31.29	-	-
	>10%OB	≤-13	-34.58	-34.04	-	-	-34.97	-34.81	-	-	-35.17	-35.37	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) 1 RB								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-16.81	-	-	-17.15	-	-	-30.75	-	-
	>10%OB	≤-13	-34.92	-	-	-36.89	-	-	-33.36	-	-
High CH	0~10%OB	≤-5	-23.97	-	-	-19.18	-	-	-31.79	-	-
	>10%OB	≤-13	-35.14	-	-	-34.91	-	-	-35.23	-	-
Result			Compliance								

Mode			DFT-s-OFDM Module 2 NR Band n260 : BE (dBm) Full RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-27.84	-23.15	-	-	-30.1	-25.94	-	-	-37.22	-35.77	-	-
	>10%OB	≤-13	-34.18	-27.43	-	-	-35.73	-29.15	-	-	-37.01	-35.88	-	-
High CH	0~10%OB	≤-5	-32.88	-30.65	-	-	-31.46	-24.92	-	-	-34.72	-34.19	-	-
	>10%OB	≤-13	-34.76	-33.93	-	-	-33.82	-26.65	-	-	-35.28	-34.89	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n260 : BE (dBm) Full RB								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-24.6	-	-	-21.52	-	-	-34.75	-	-
	>10%OB	≤-13	-28.34	-	-	-25.91	-	-	-34.82	-	-
High CH	0~10%OB	≤-5	-31.91	-	-	-24.75	-	-	-34.73	-	-
	>10%OB	≤-13	-34.11	-	-	-27.13	-	-	-35.14	-	-
Result			Compliance								

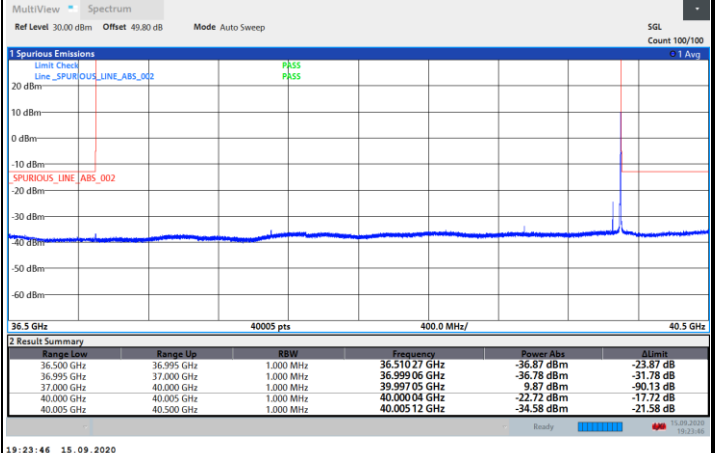
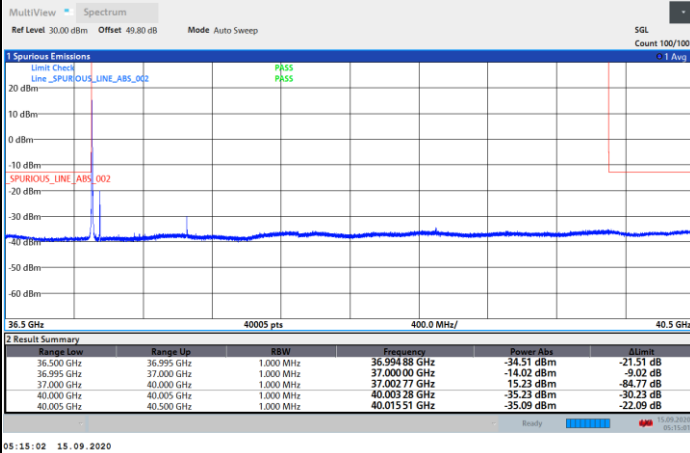


DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB

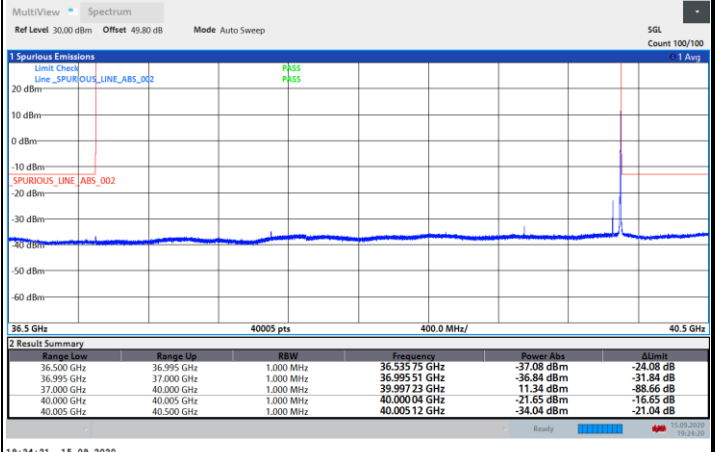
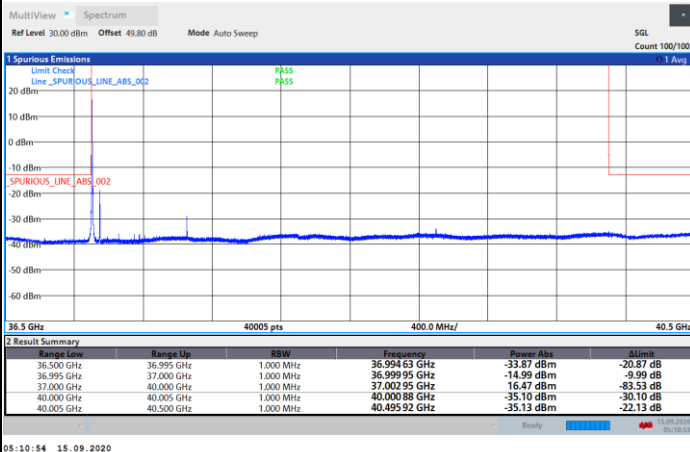
Highest Band Edge / 1 RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



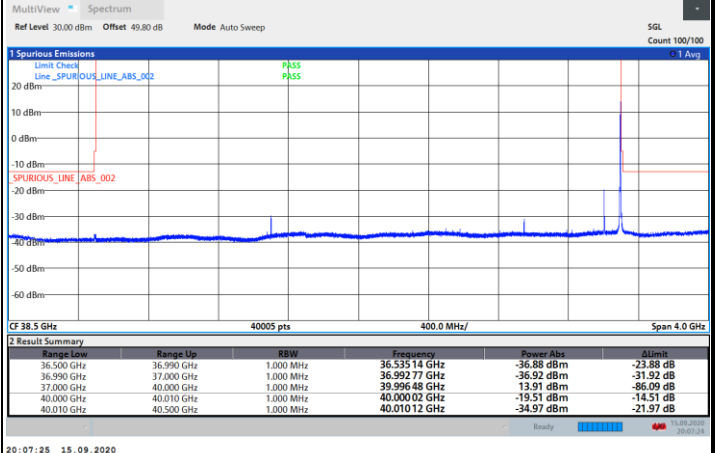
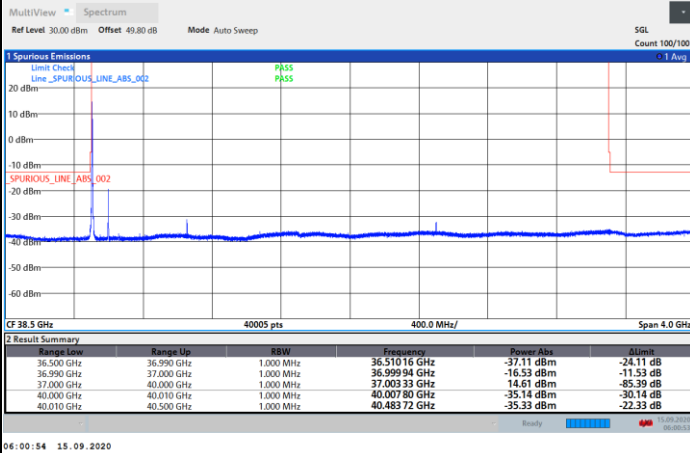


DFT-s-OFDM Module 2

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / 1 RB

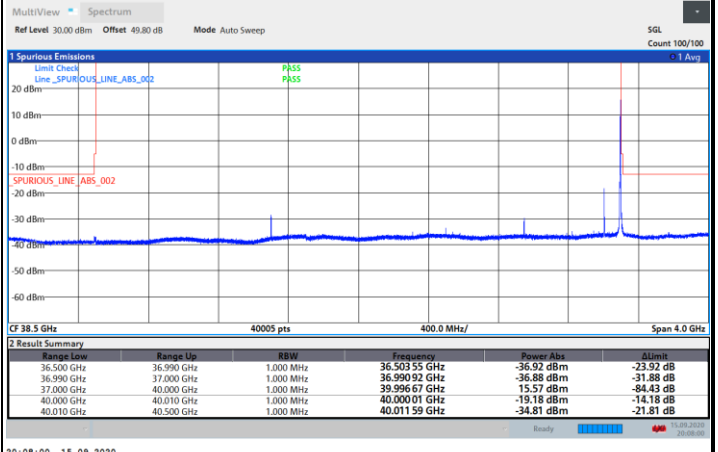
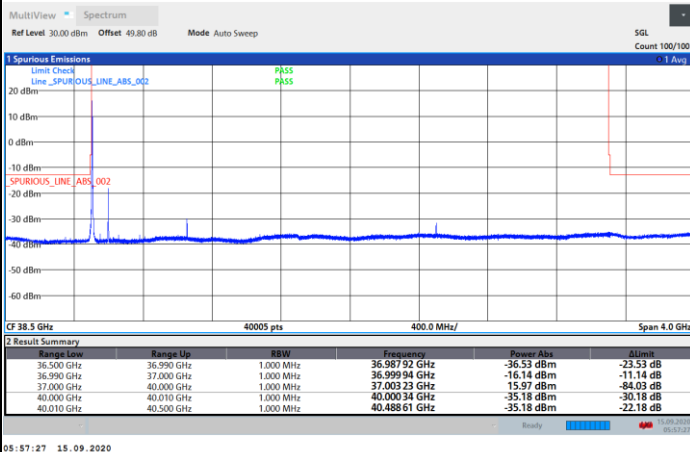
Highest Band Edge / 1 RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



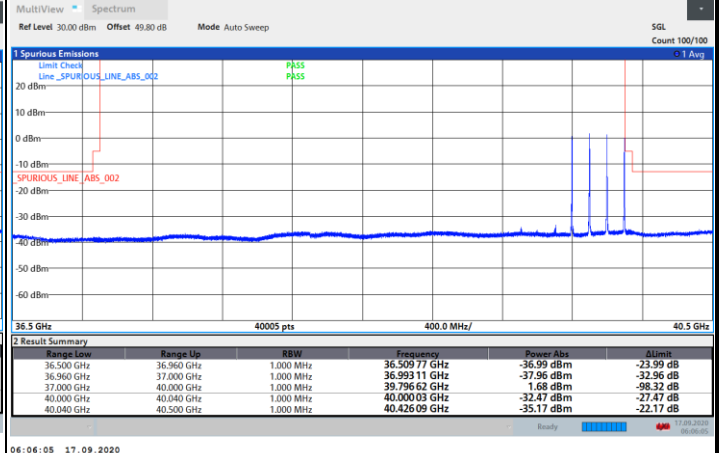
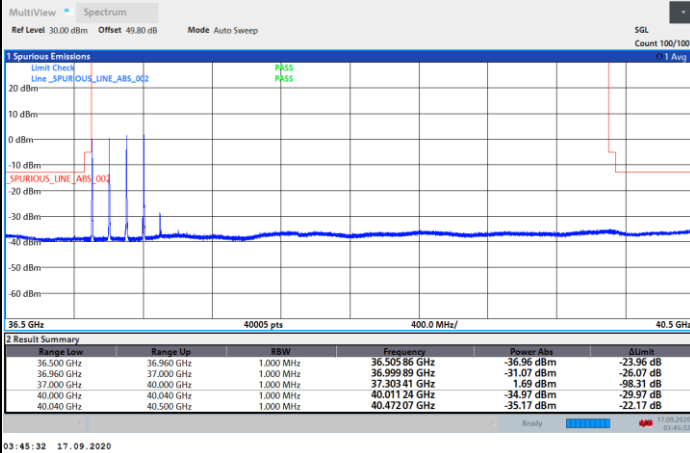


DFT-s-OFDM Module 2

NR Band n260 / 400MHz / BPSK

Lowest Band Edge / 1 RB

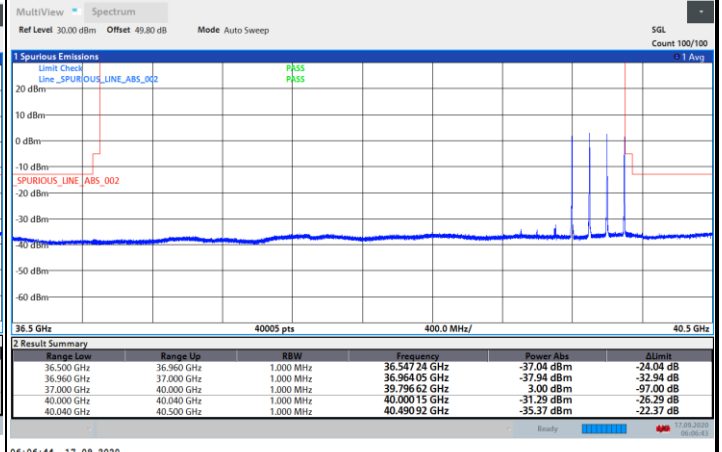
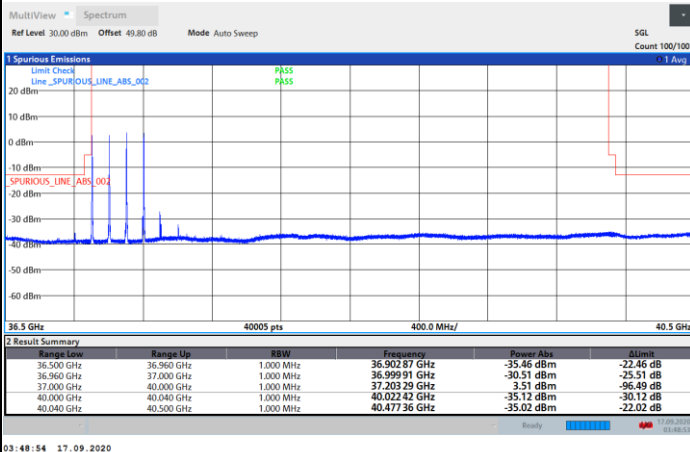
Highest Band Edge / 1 RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





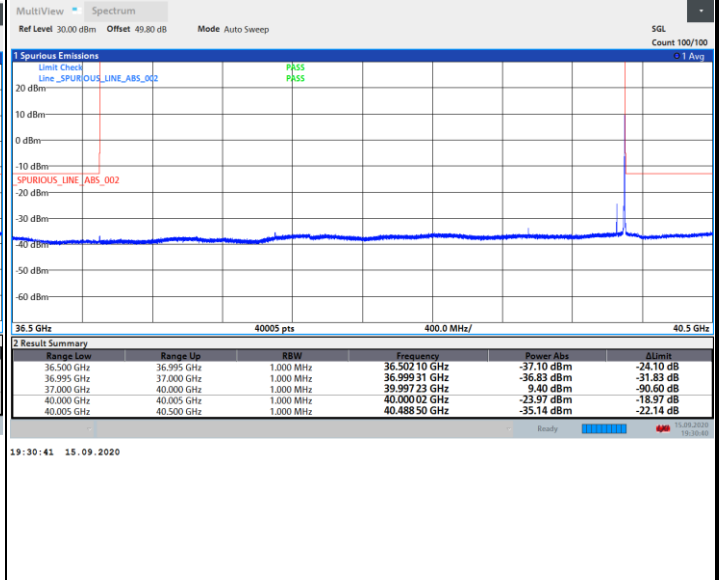
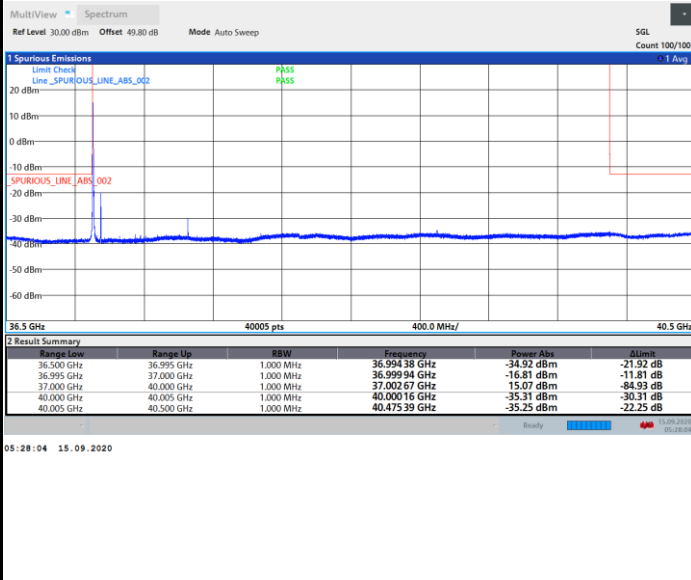


CP-OFDM Module 2

NR Band n260 / 50MHz / QPSK

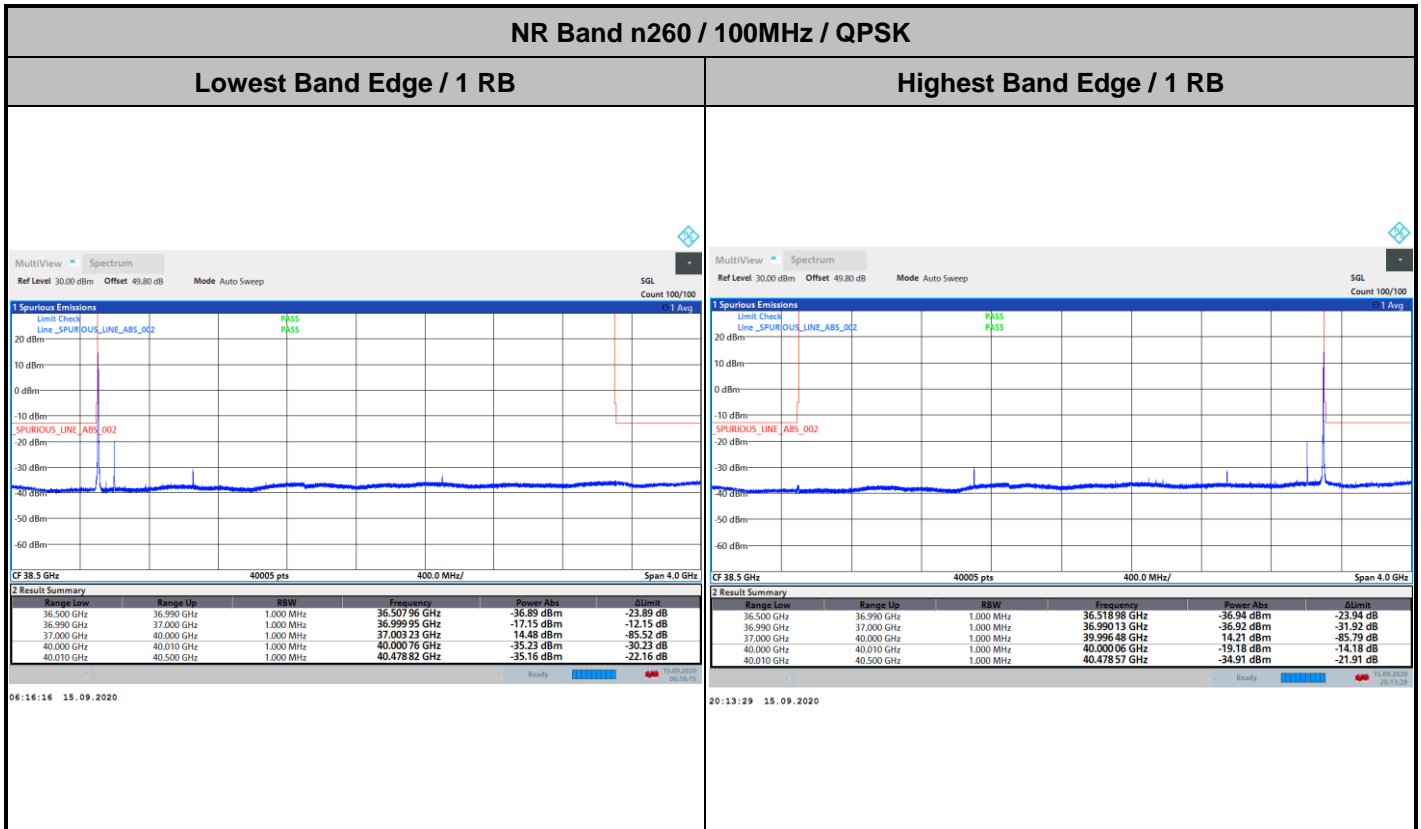
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





CP-OFDM Module 2



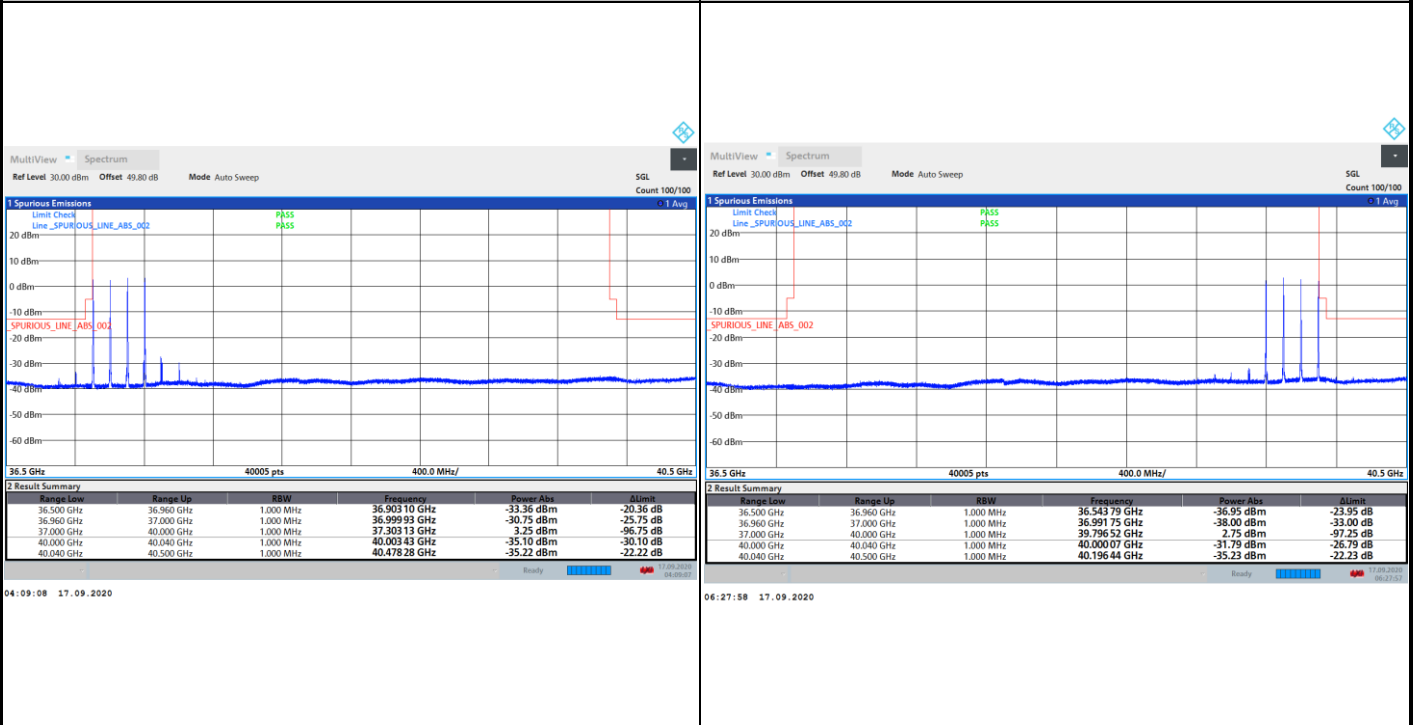


CP-OFDM Module 2

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



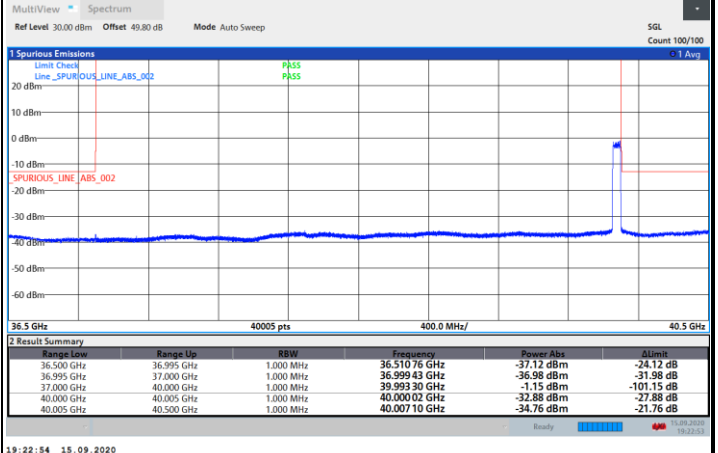
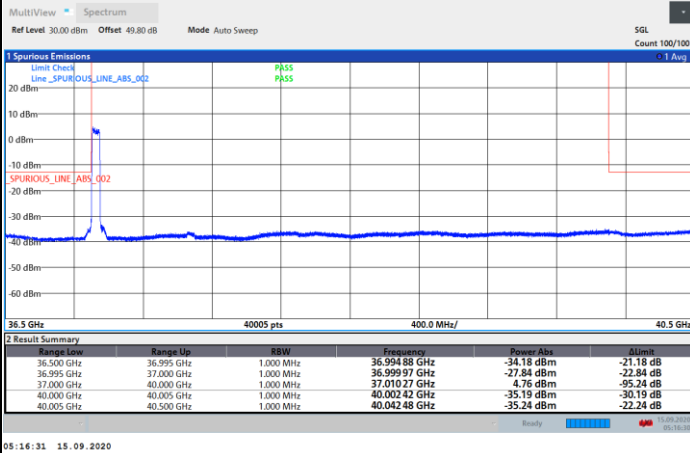


DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

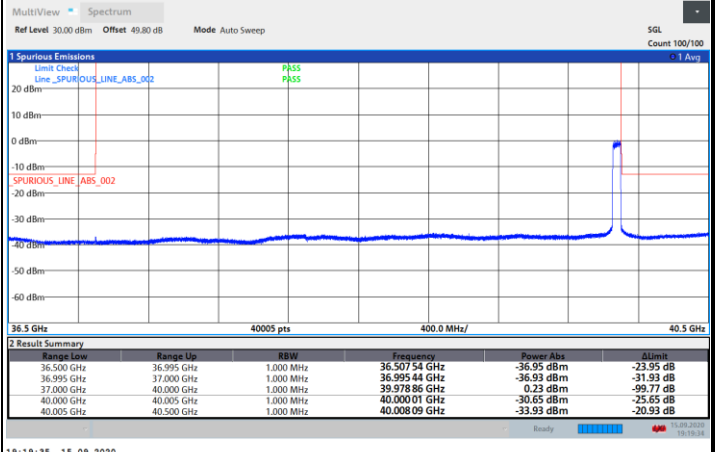
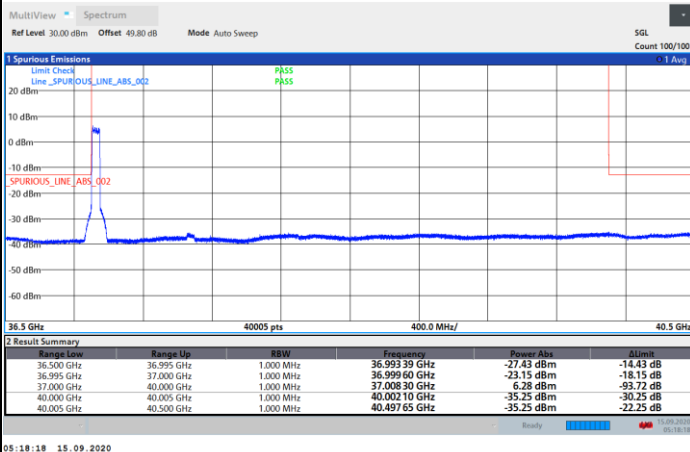
Highest Band Edge / Full RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



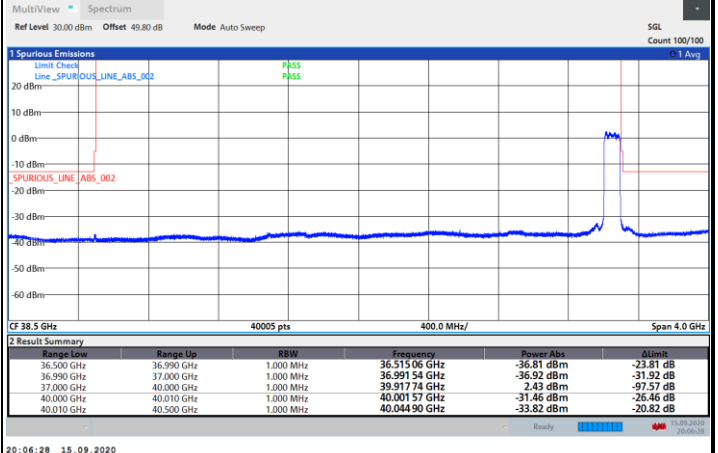
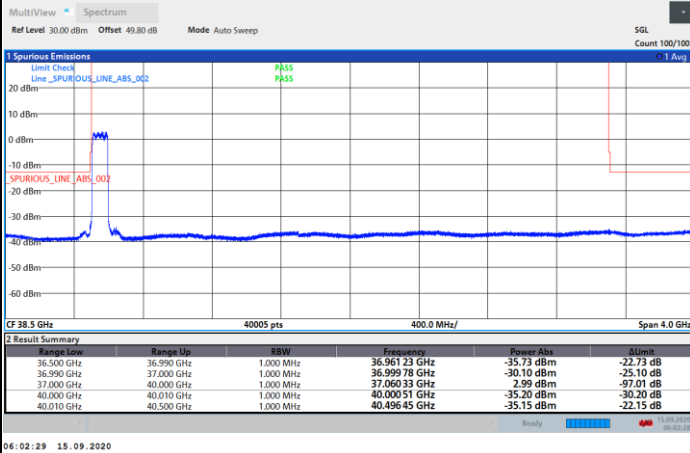


DFT-s-OFDM Module 2

NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB

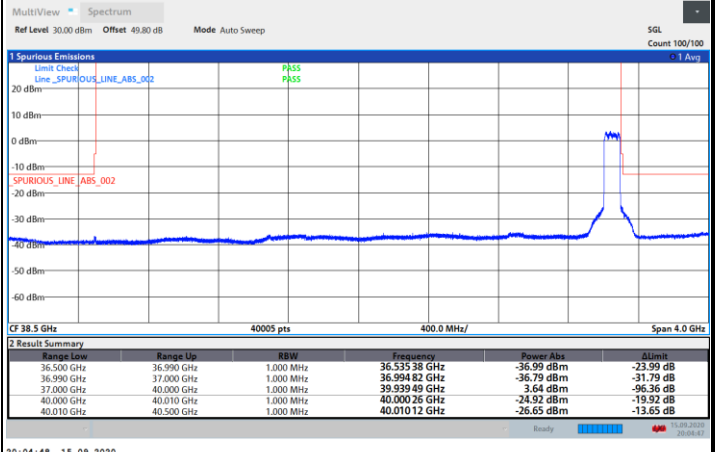
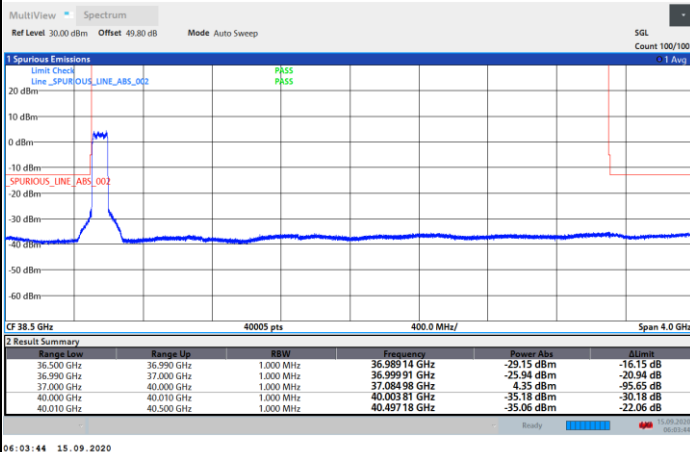
Highest Band Edge / Full RB



NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



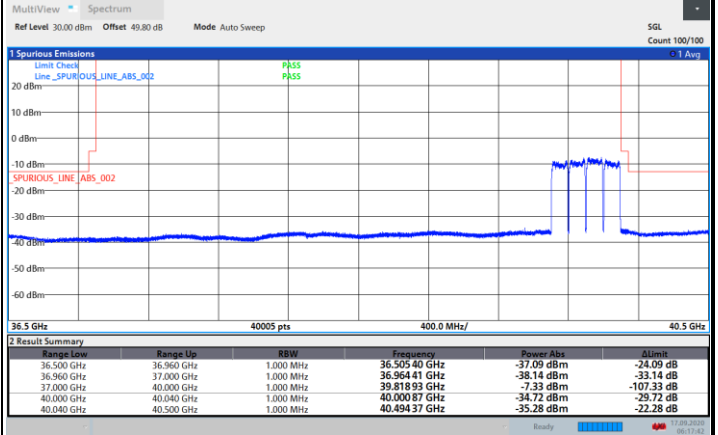
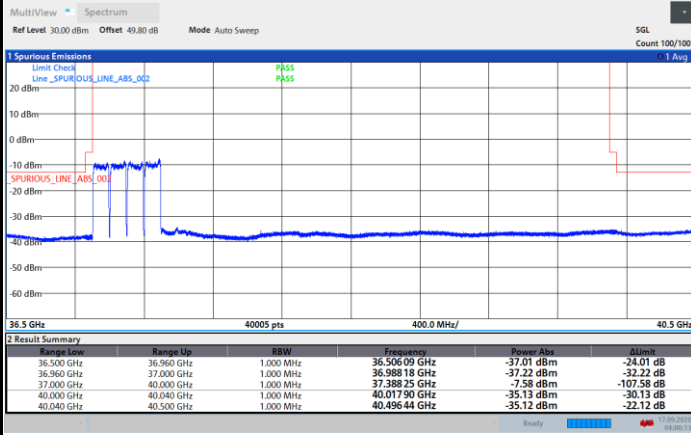


DFT-s-OFDM Module 2

NR Band n260 / 400MHz / BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

