

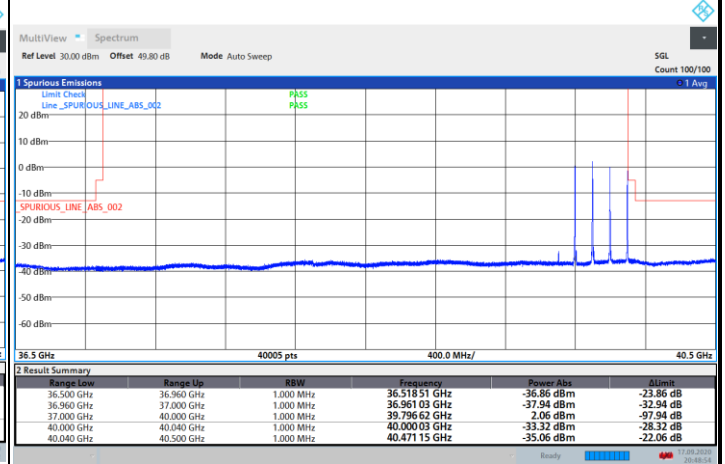
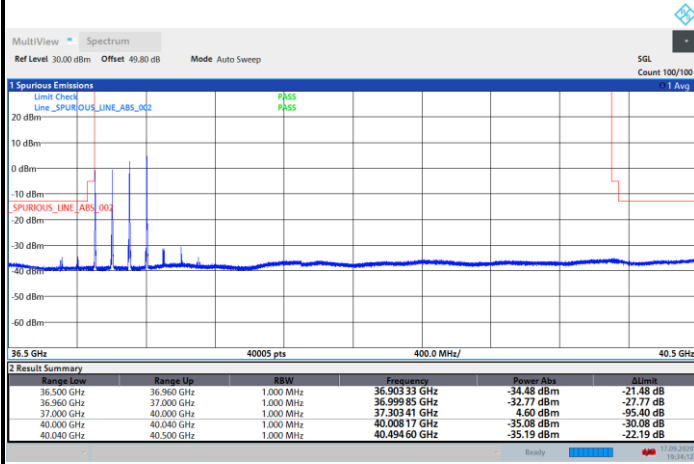


CP-OFDM Module 2

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

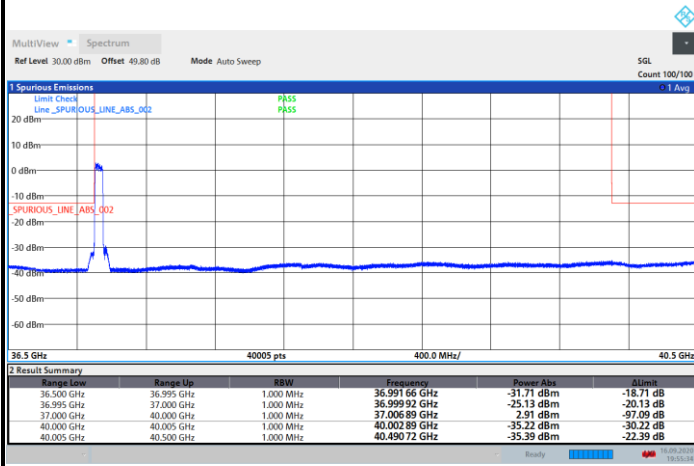




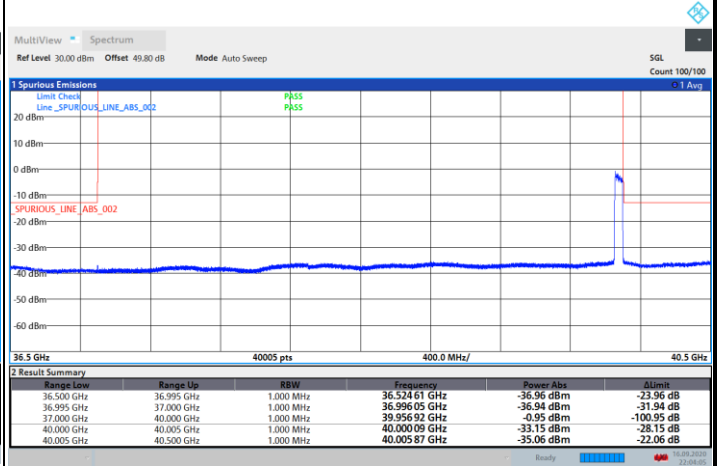
DFT-s-OFDM Module 2

NR Band n260 / 50MHz / BPSK

Lowest Band Edge / Full RB

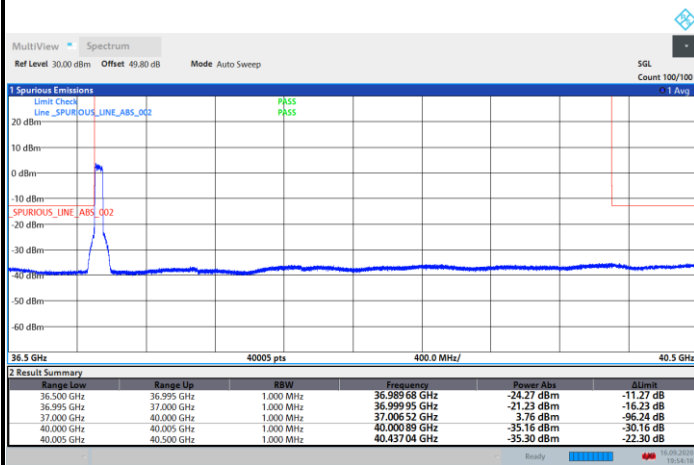


Highest Band Edge / Full RB

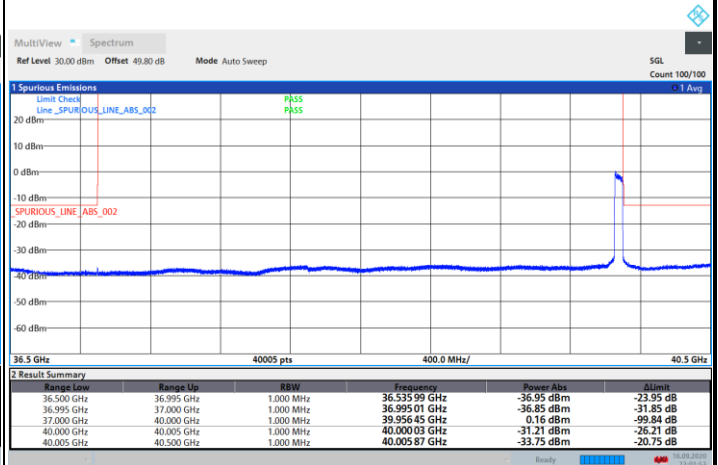


NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

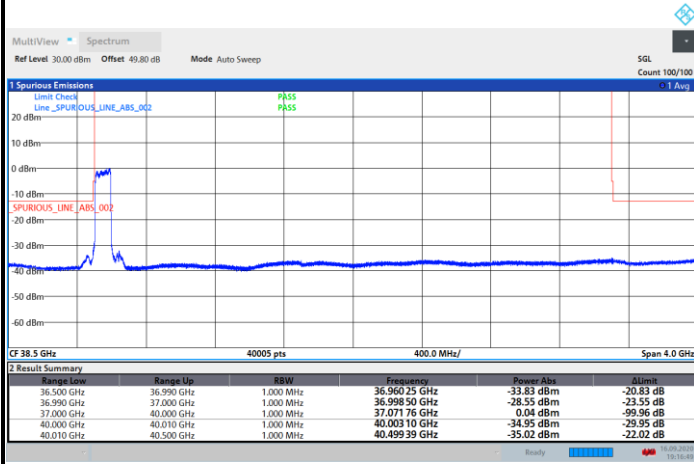




DFT-s-OFDM Module 2

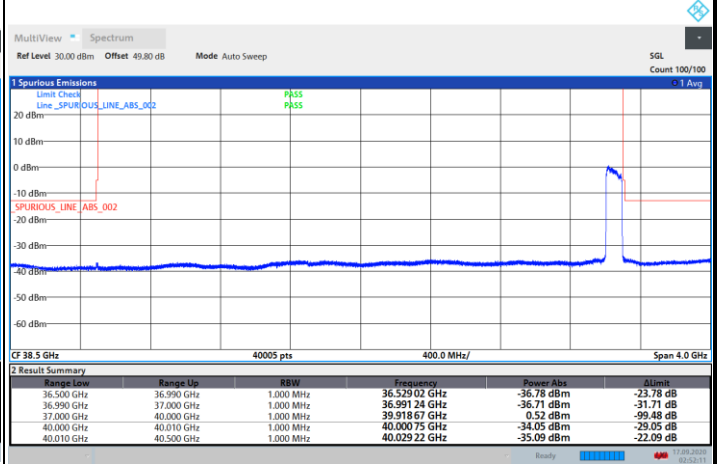
NR Band n260 / 100MHz / BPSK

Lowest Band Edge / Full RB



19:16:49 16.09.2020

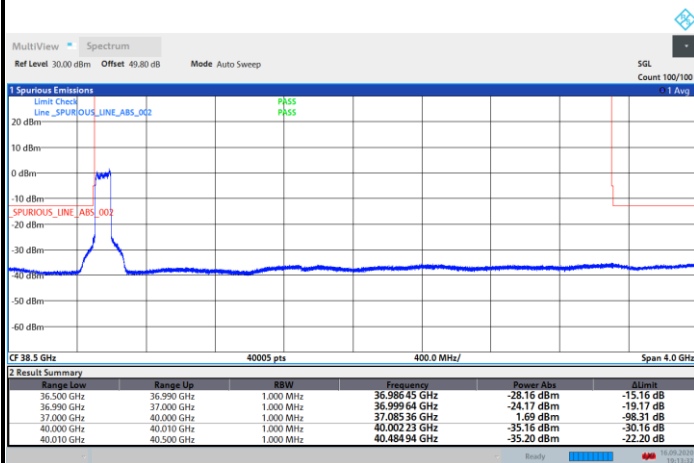
Highest Band Edge / Full RB



02:52:12 17.09.2020

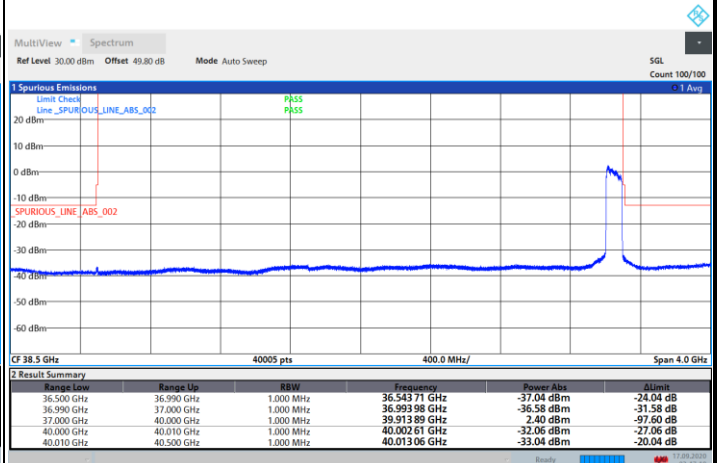
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



19:13:33 16.09.2020

Highest Band Edge / Full RB



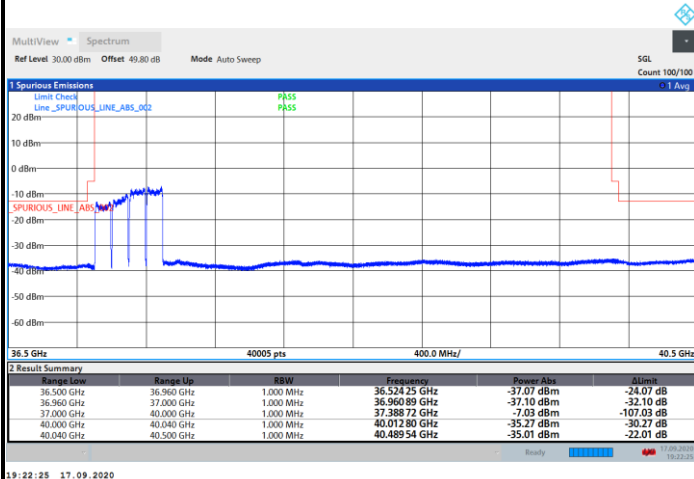
02:47:19 17.09.2020



DFT-s-OFDM Module 2

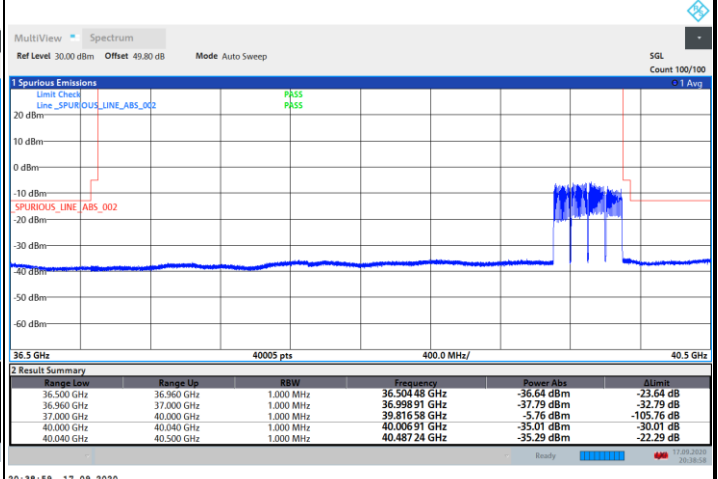
NR Band n260 / 400MHz / BPSK

Lowest Band Edge / Full RB



19:22:25 17.09.2020

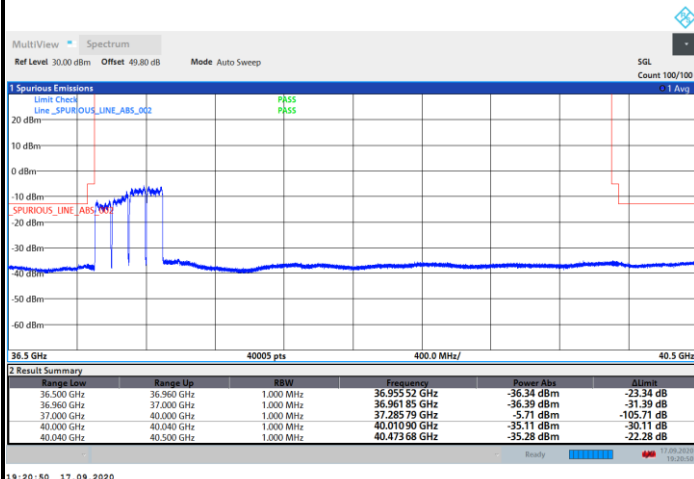
Highest Band Edge / Full RB



20:38:59 17.09.2020

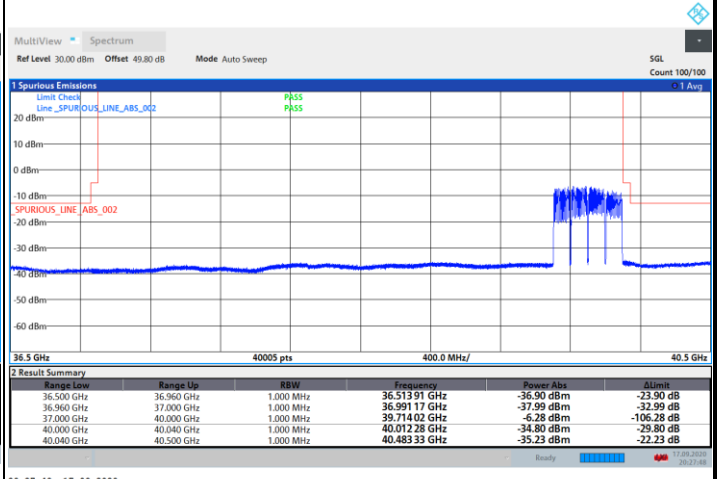
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



19:20:50 17.09.2020

Highest Band Edge / Full RB



20:27:49 17.09.2020

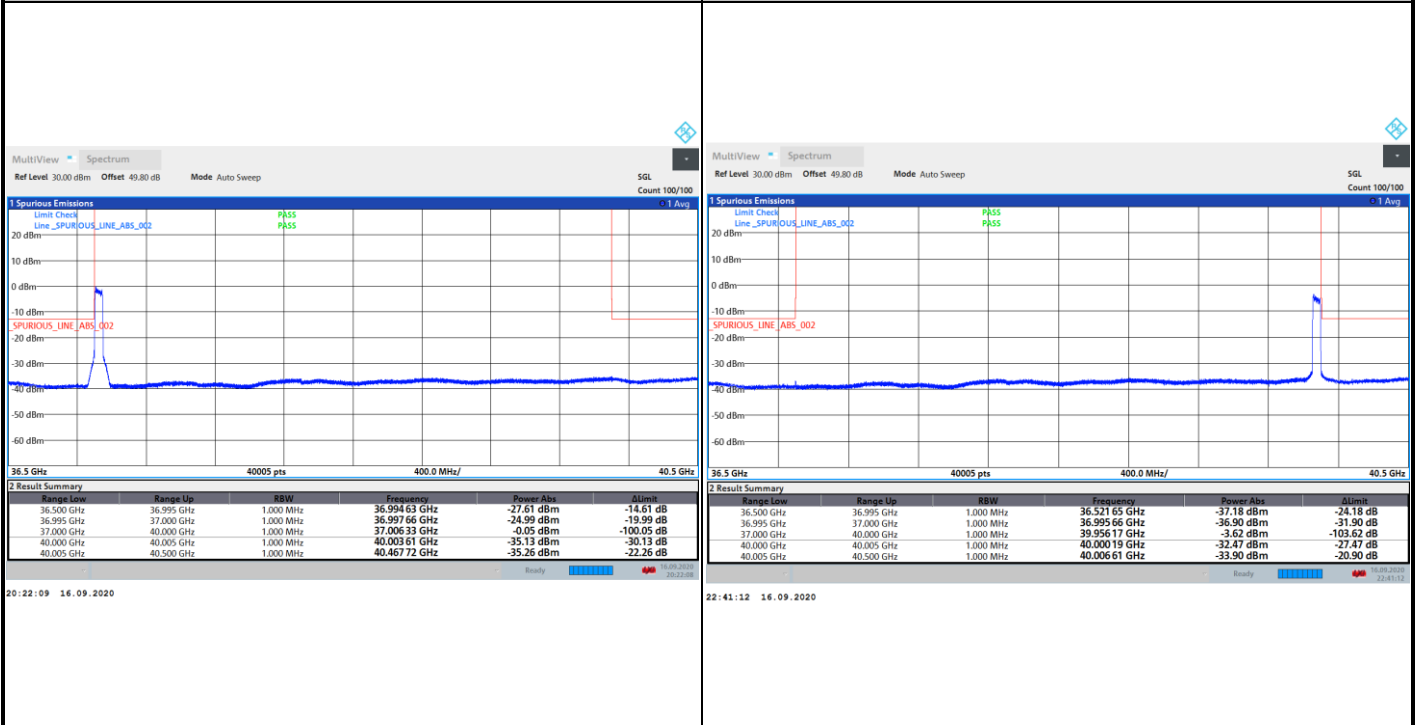


CP-OFDM Module 2

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



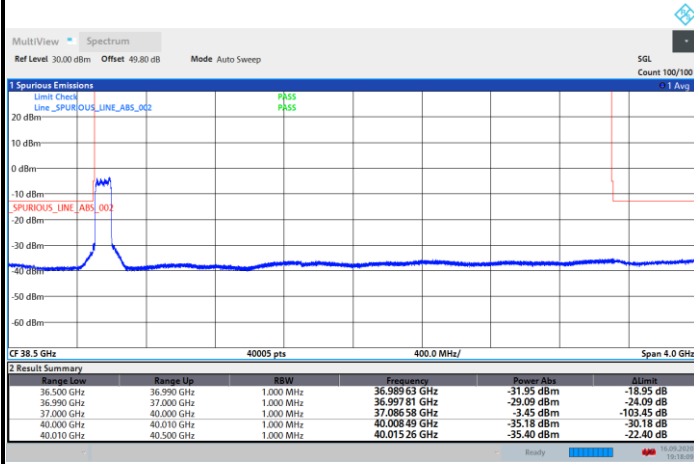


CP-OFDM Module 2

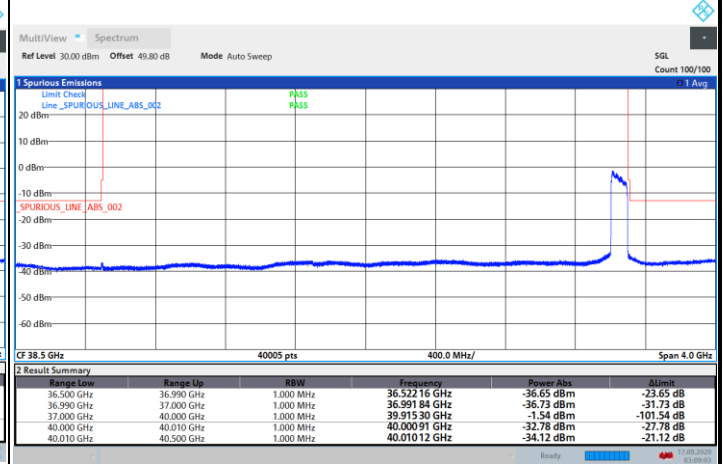
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



19:18:10 16.09.2020



03:09:03 17.09.2020

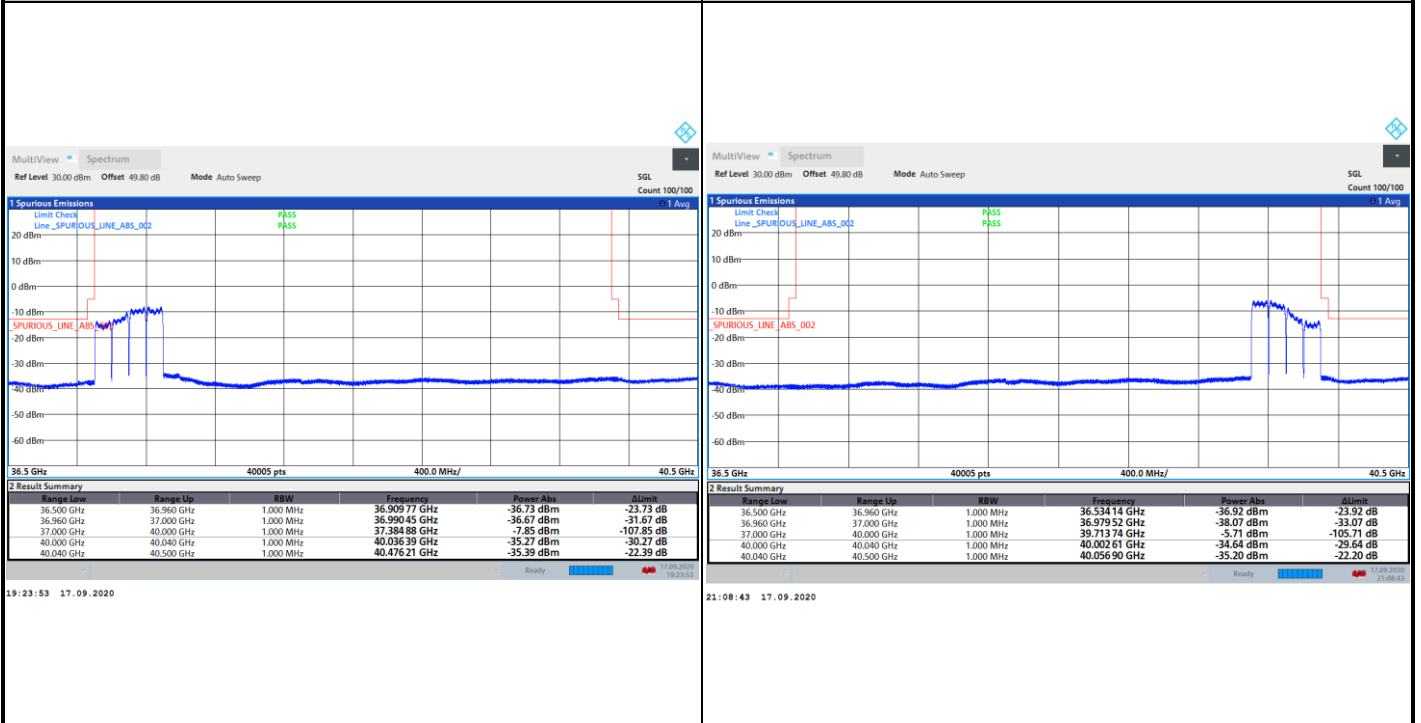


CP-OFDM Module 2

NR Band n260 / 400MHz / QPSK

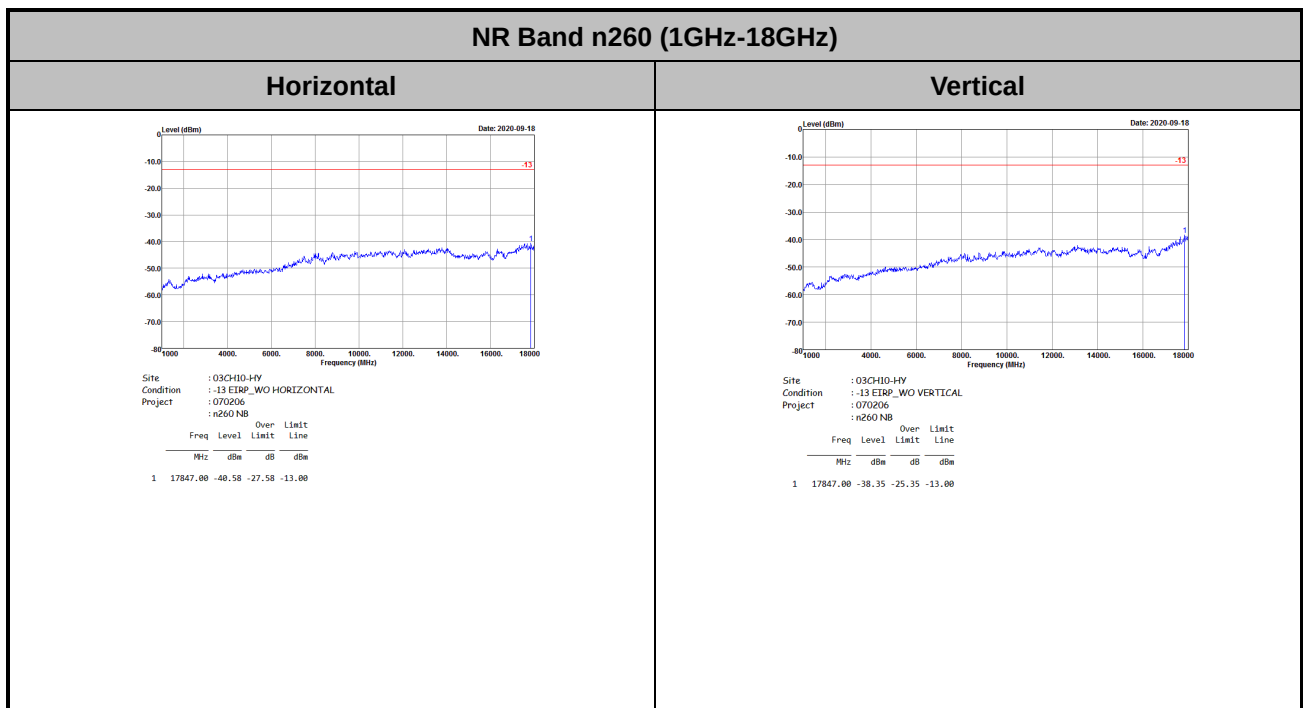
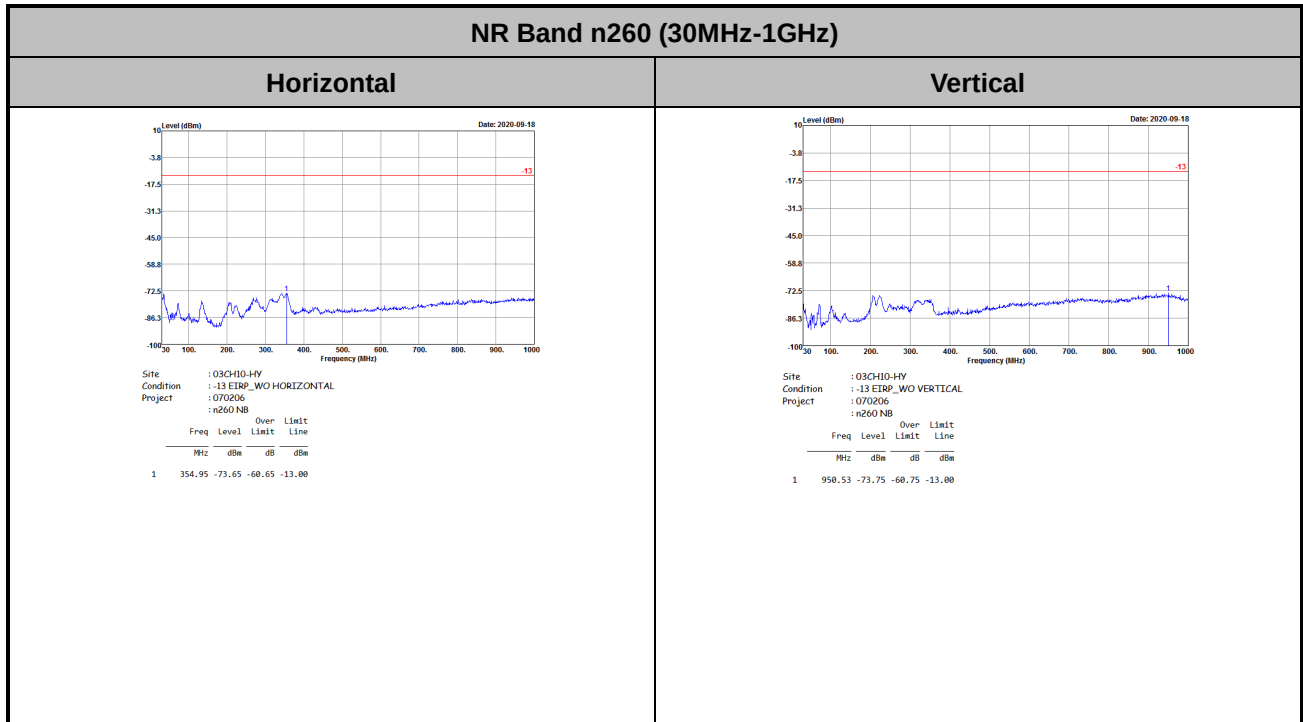
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Spurious Emission

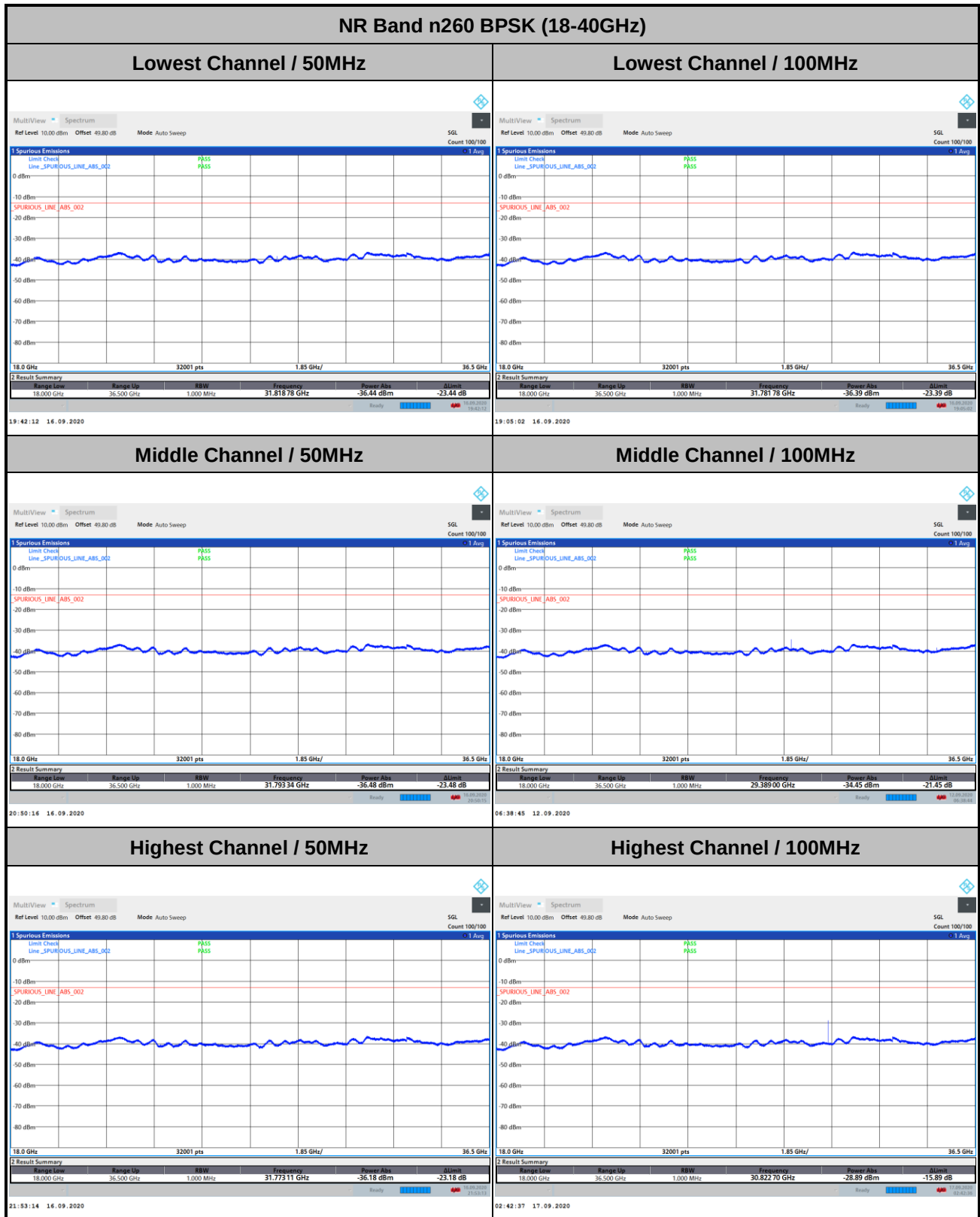
There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz.
Only the noise floor is reported.





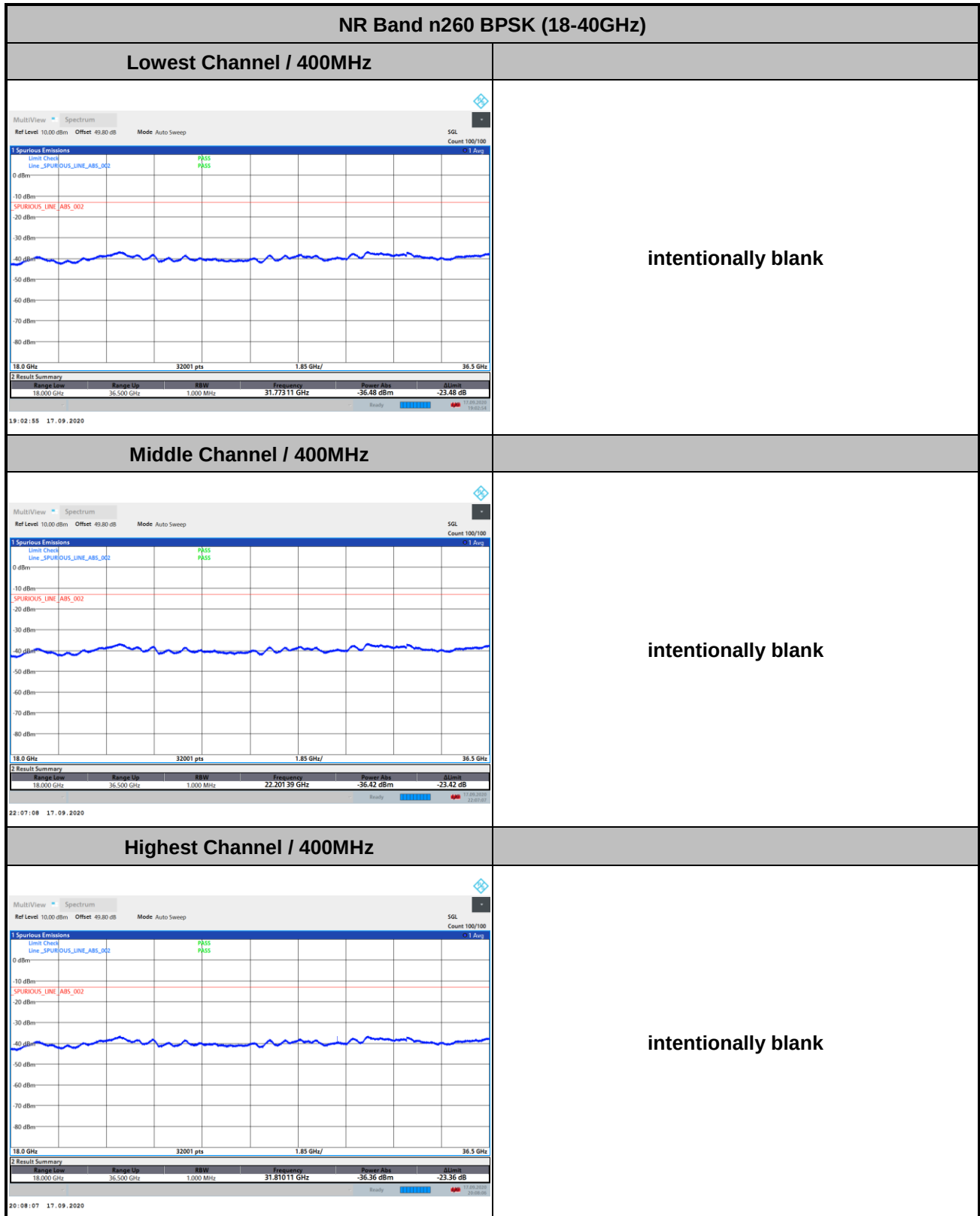
Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 2



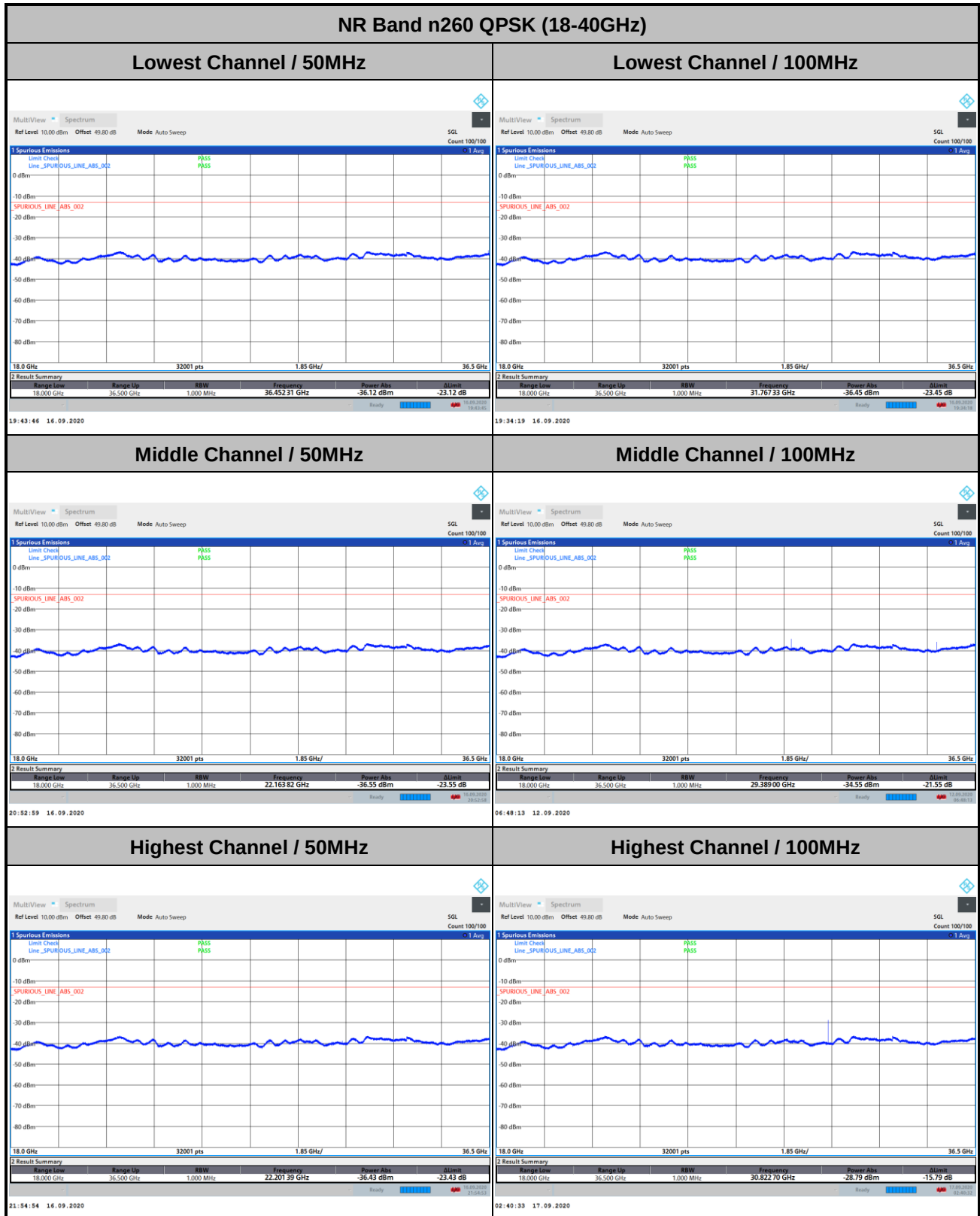


DFT-s-OFDM Module 2





DFT-s-OFDM Module 2

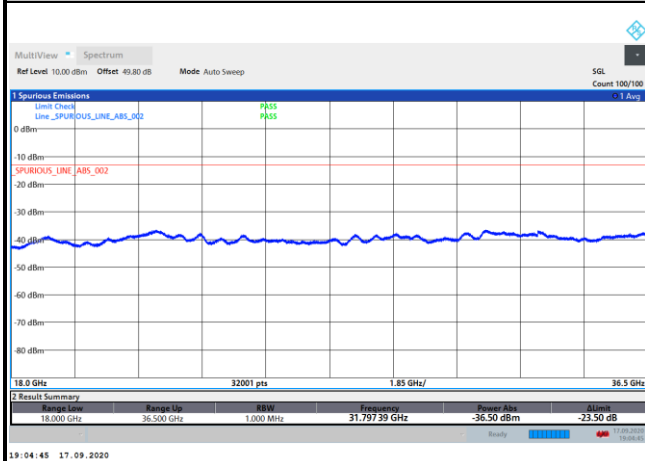




DFT-s-OFDM Module 2

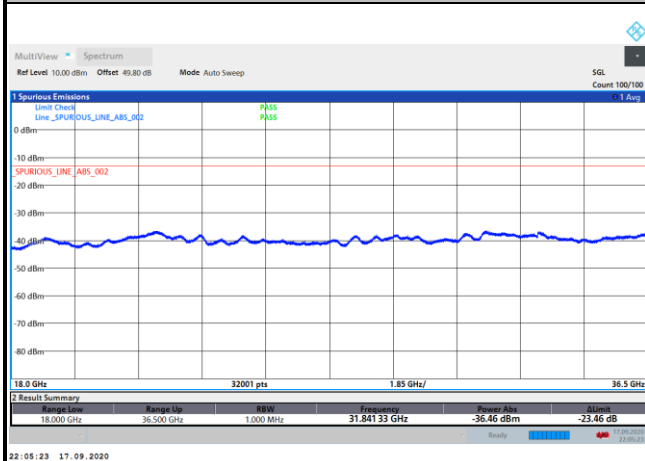
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



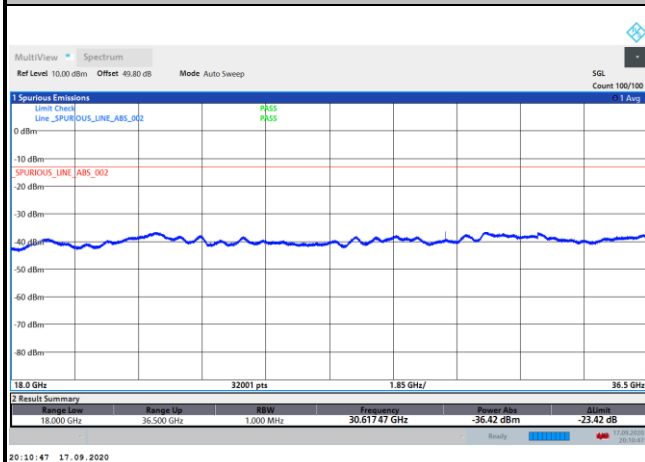
intentionally blank

Middle Channel / 400MHz



intentionally blank

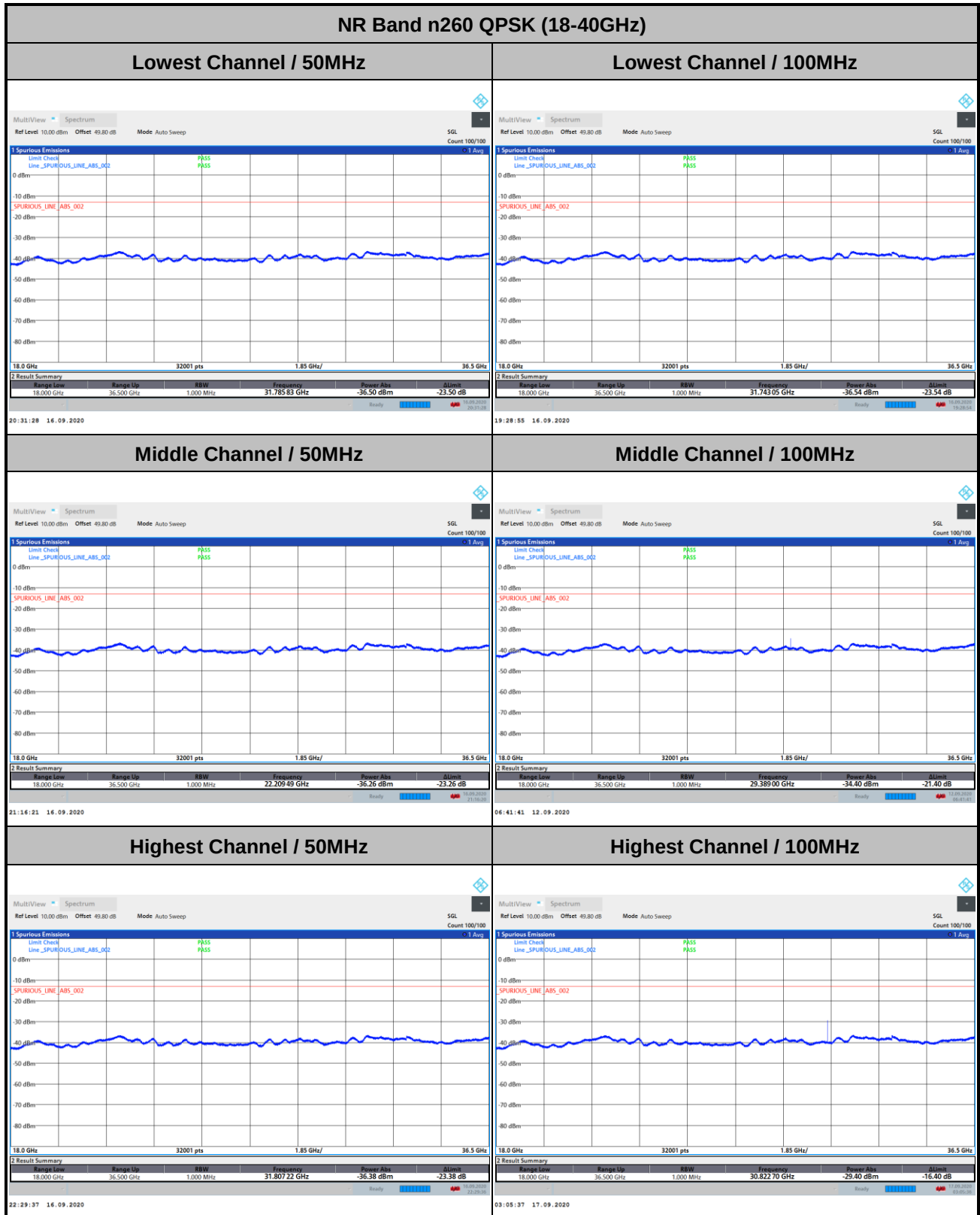
Highest Channel / 400MHz



intentionally blank



CP-OFDM Module 2

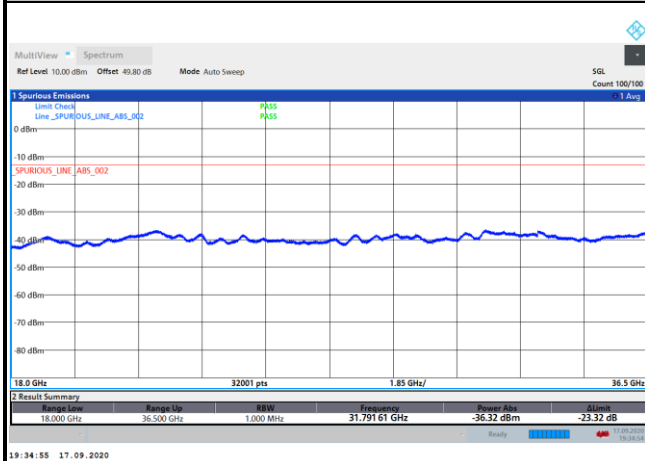




CP-OFDM Module 2

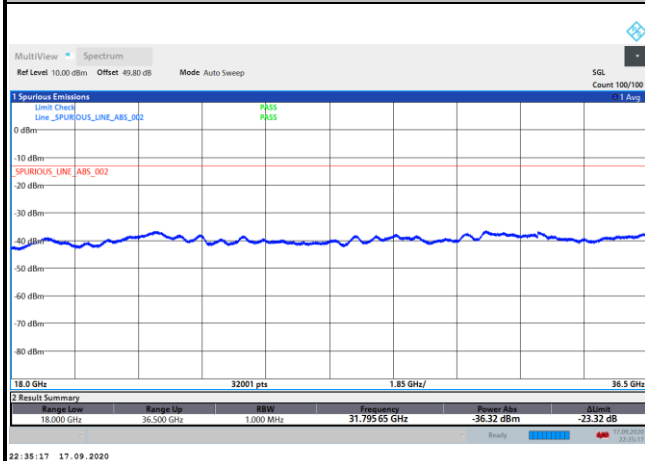
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



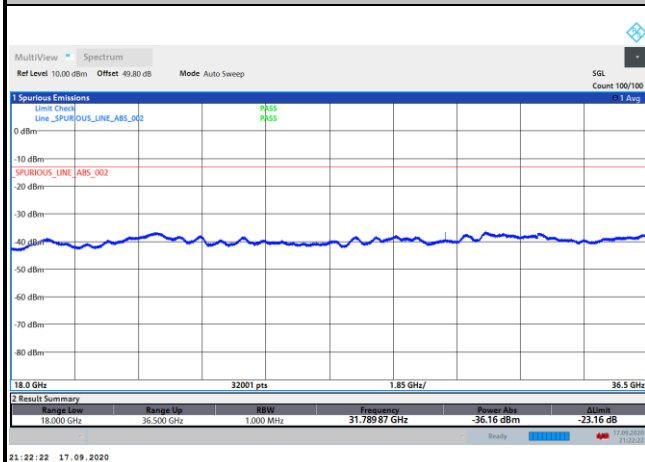
intentionally blank

Middle Channel / 400MHz



intentionally blank

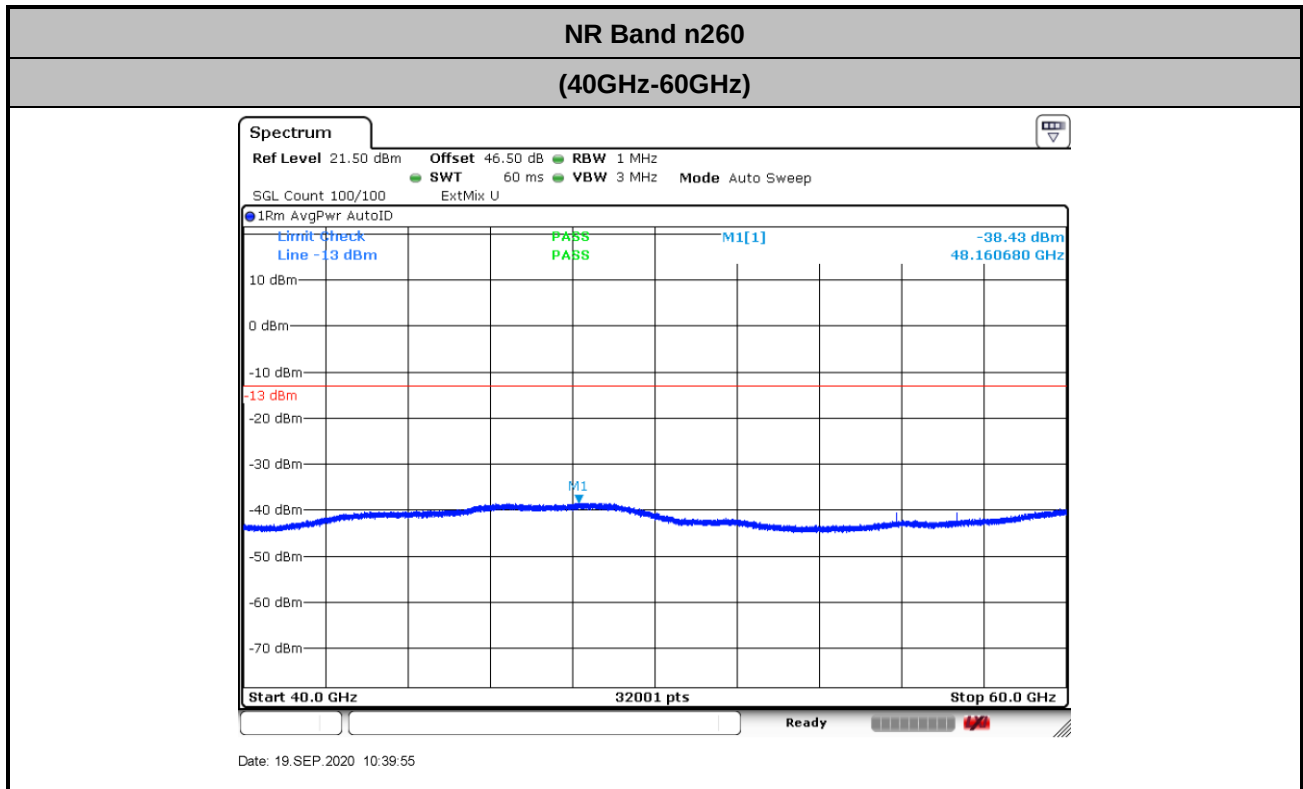
Highest Channel / 400MHz



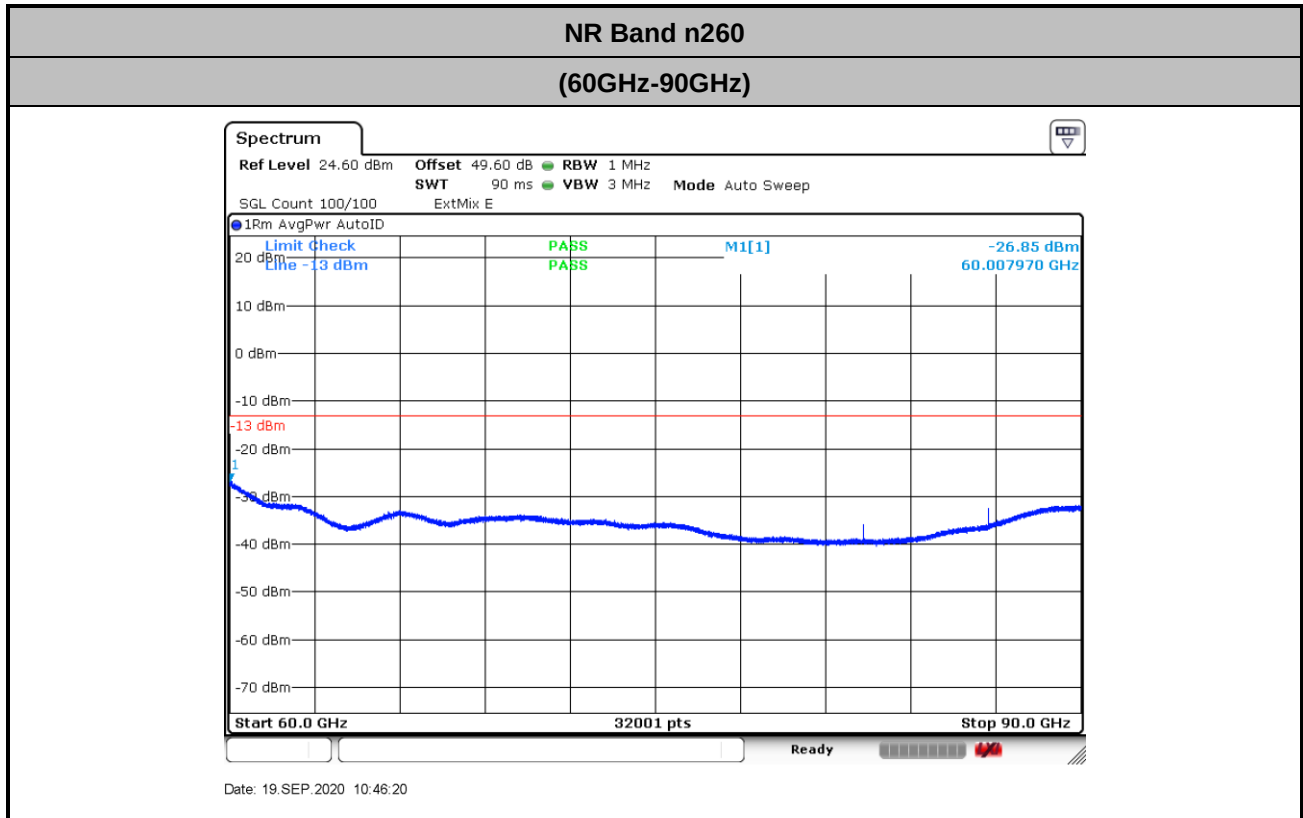
intentionally blank



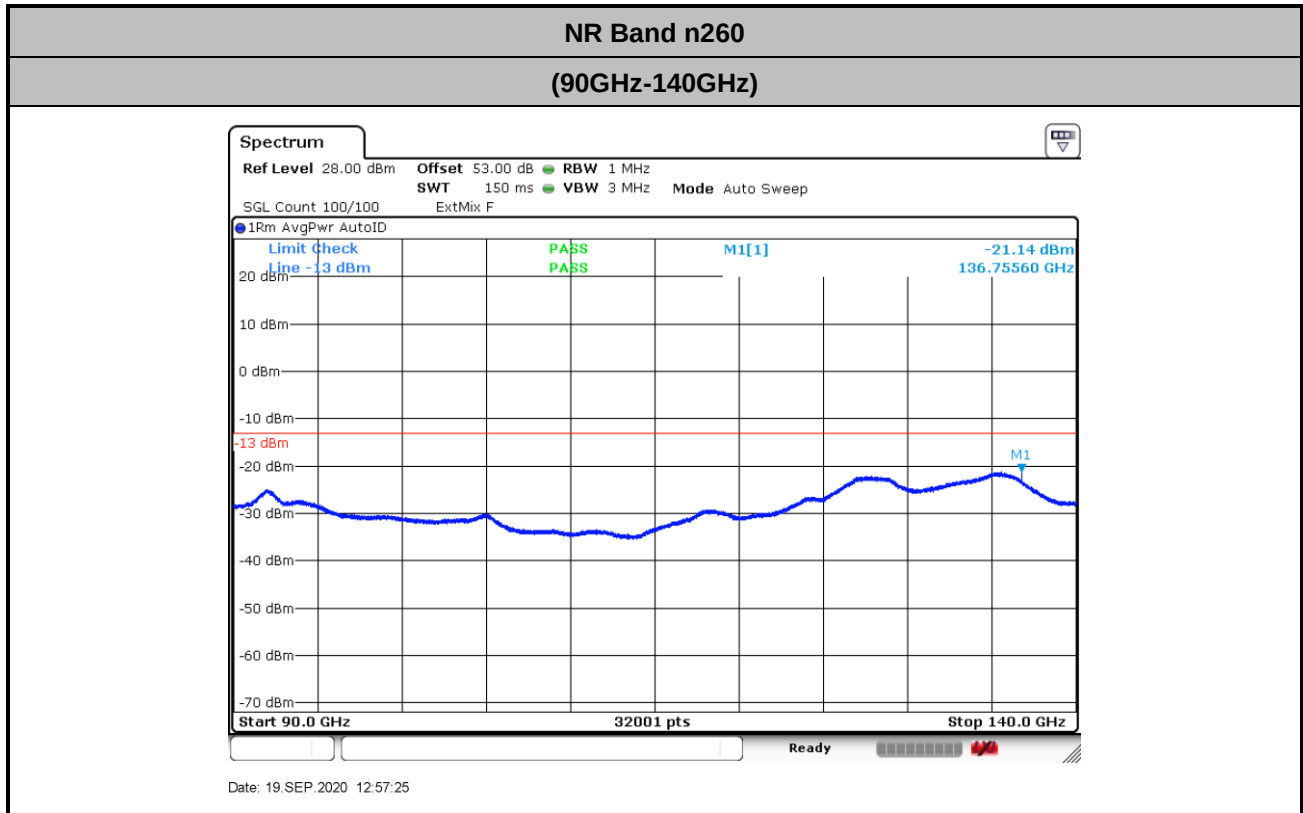
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



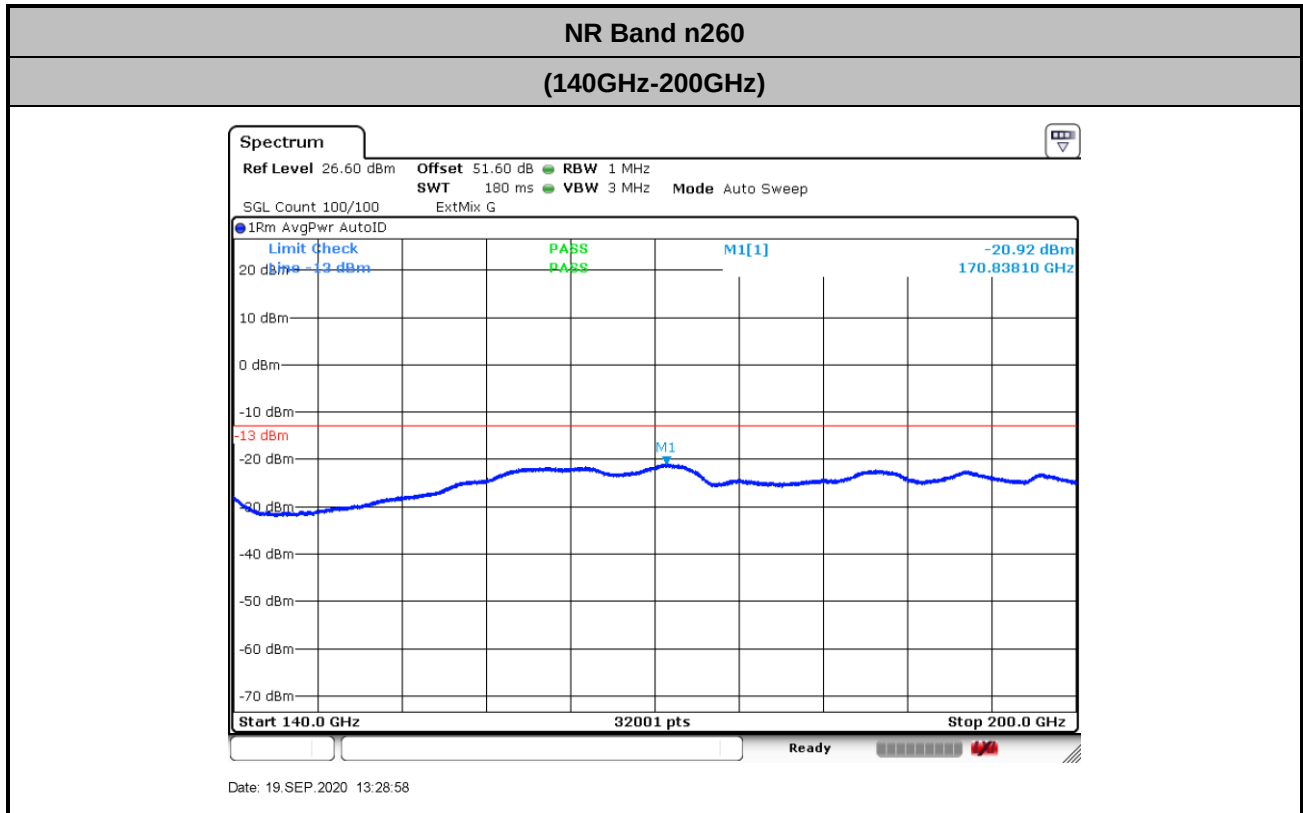
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



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



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



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



<TB Mode>

NR Band n260 Module 0 AG0

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 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	45.64	45.05	-	-	90.05	90.46	-	-	386.58	385.82	-	-
Middle CH	45.28	45.50	45.01	45.16	90.19	90.31	90.43	90.47	388.09	388.12	388.16	390.53
Highest CH	45.62	44.98	-	-	90.29	90.32	-	-	388.72	388.52	-	-

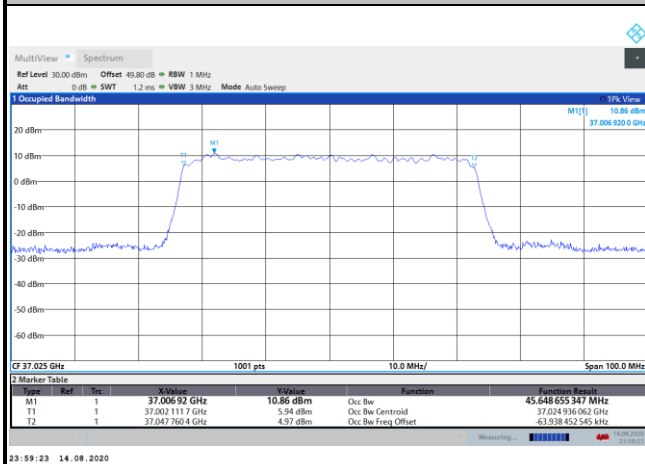
Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.32	-	-	92.59	-	-	389.00	-	-
Middle CH	45.26	45.34	45.28	92.80	92.99	92.76	390.16	391.55	393.35
Highest CH	45.27	-	-	92.75	-	-	390.83	-	-



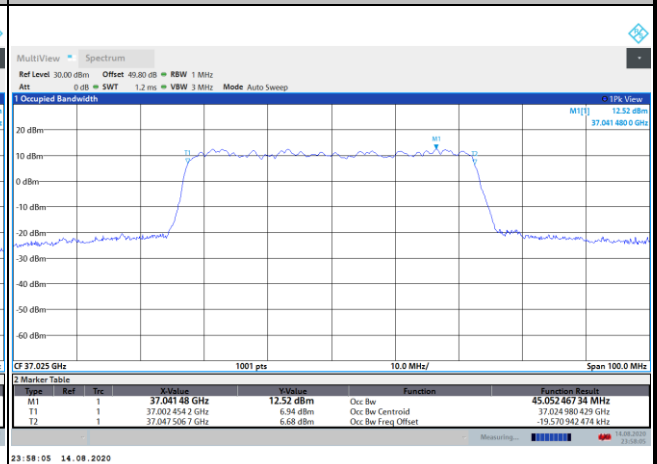
DFT-s-OFDM Module 0

NR Band n260

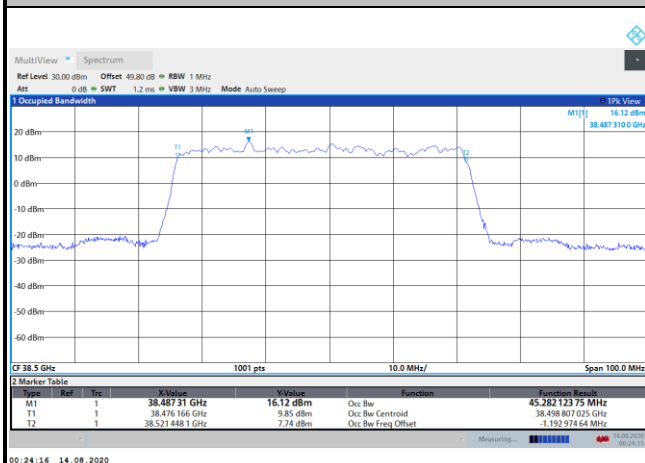
Lowest Channel / 50MHz / BPSK



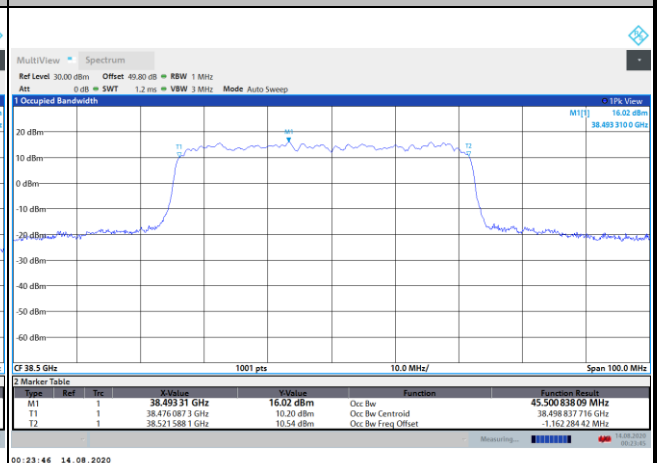
Lowest Channel / 50MHz / QPSK



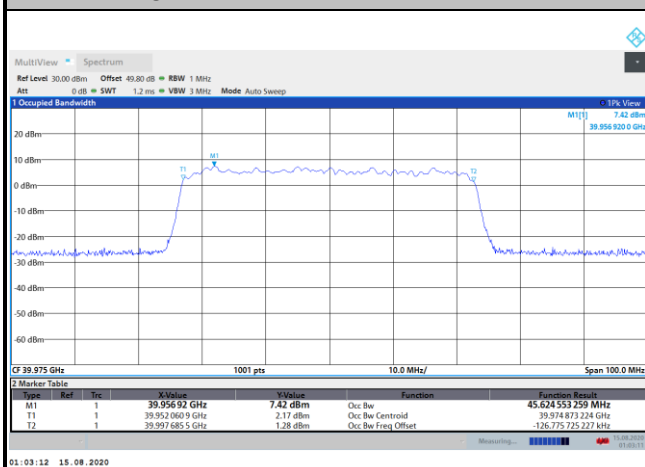
Middle Channel / 50MHz / BPSK



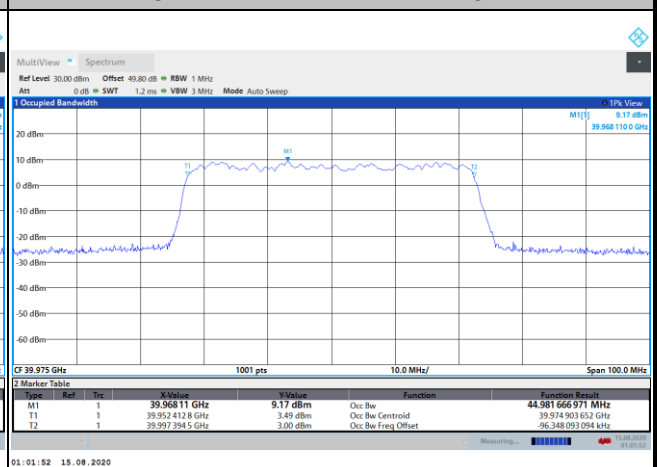
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK

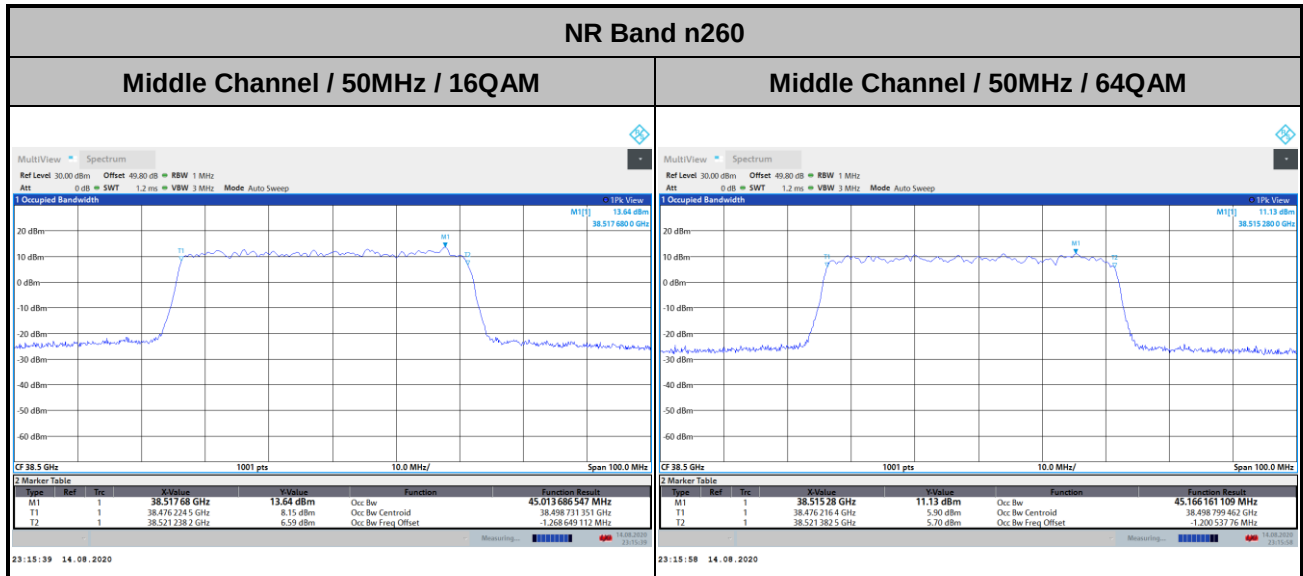


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 0

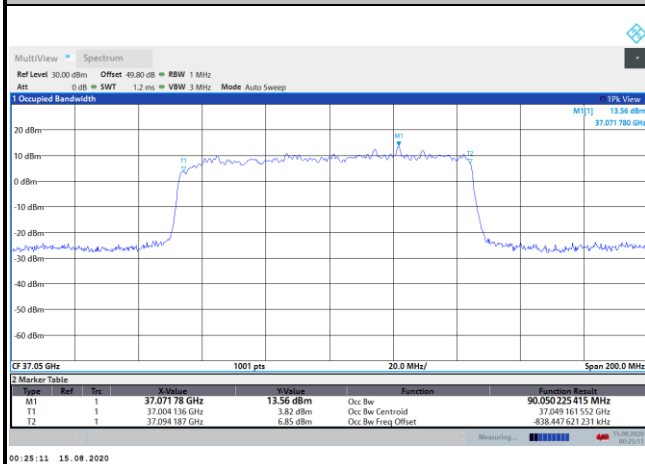




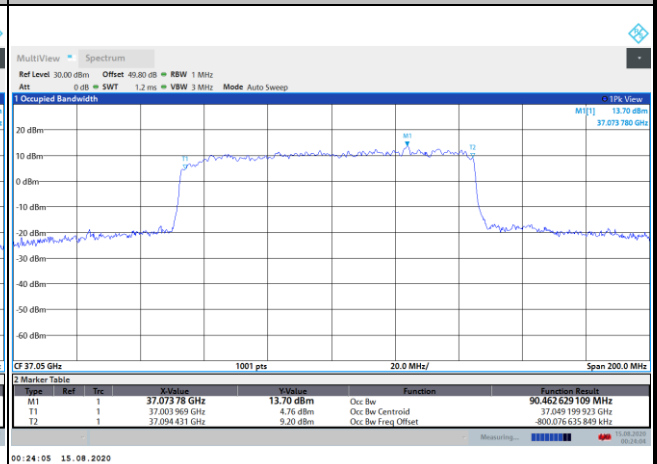
DFT-s-OFDM Module 0

NR Band n260

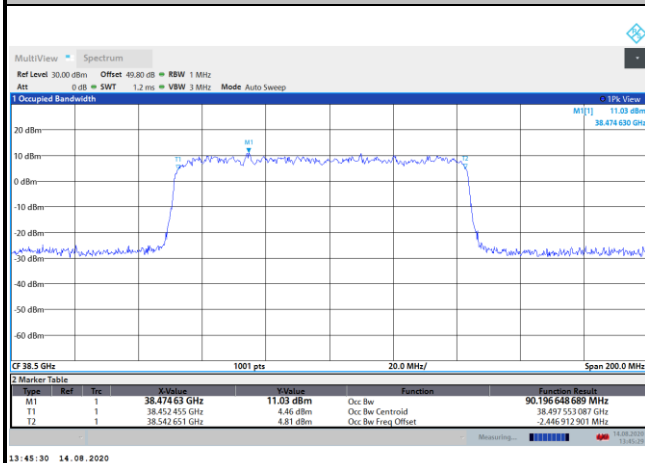
Lowest Channel / 100MHz / BPSK



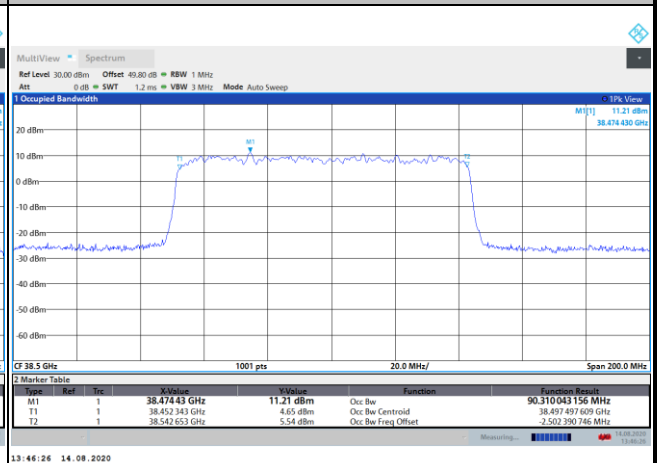
Lowest Channel / 100MHz / QPSK



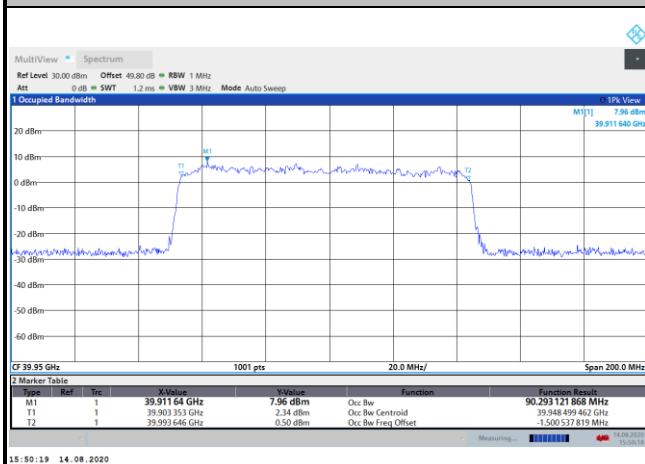
Middle Channel / 100MHz / BPSK



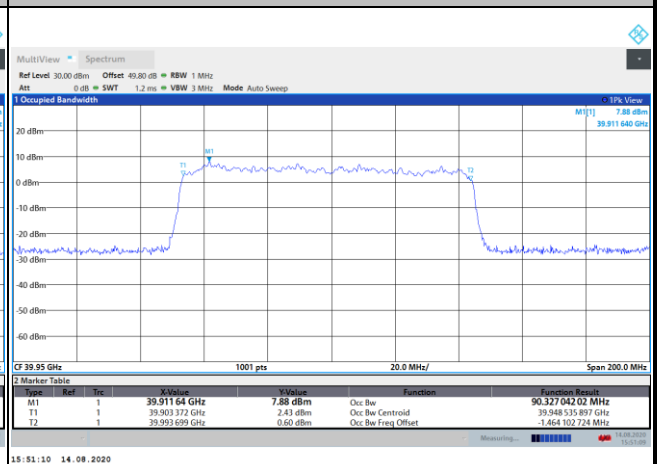
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK

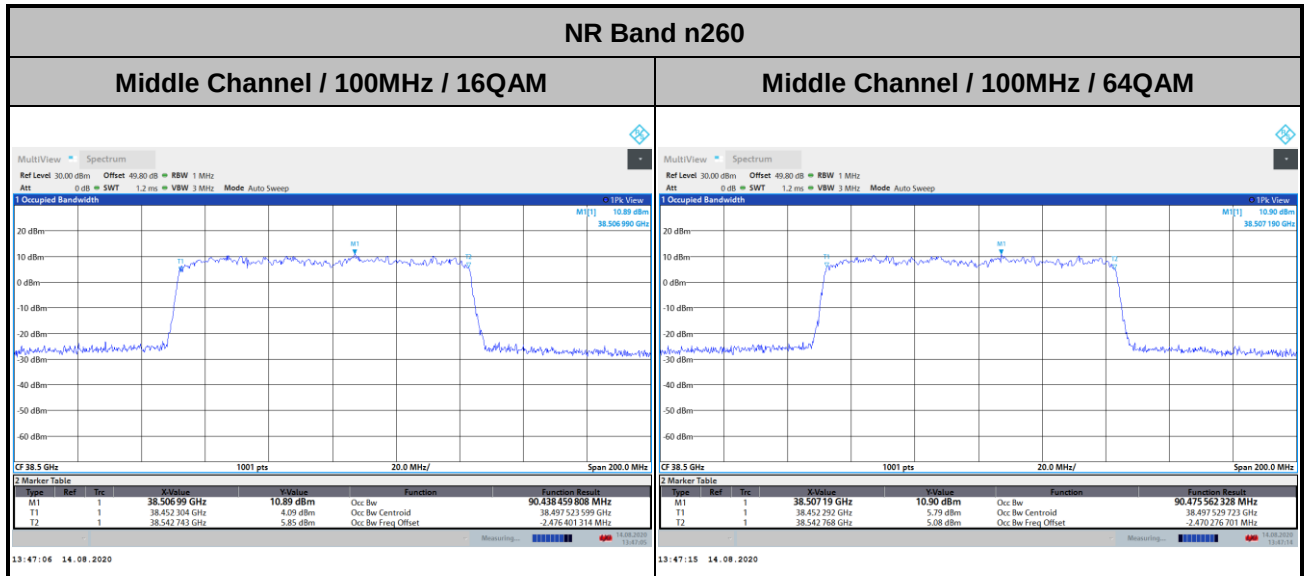


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 0

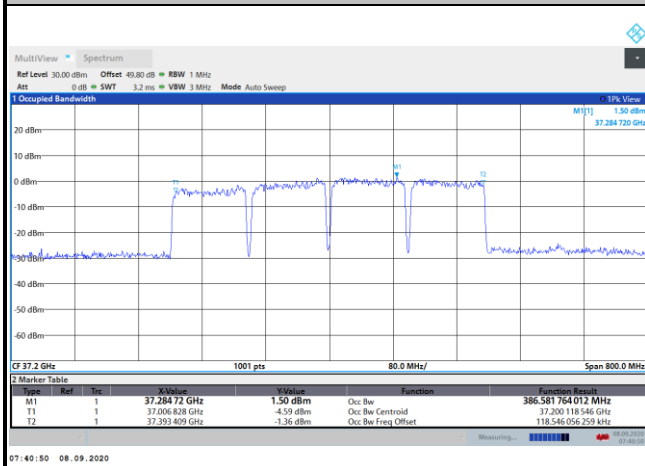




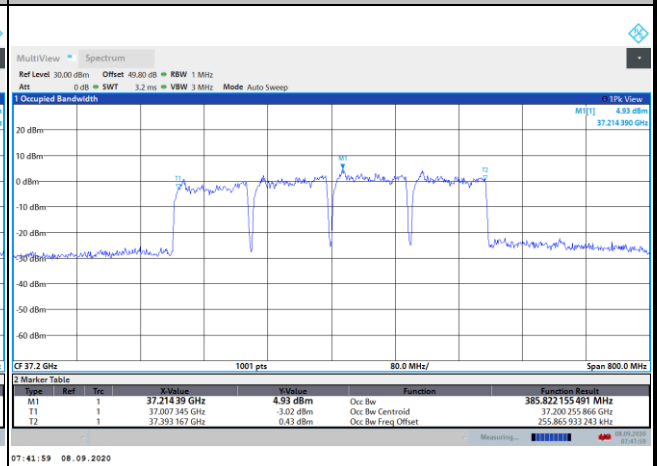
DFT-s-OFDM Module 0

NR Band n260

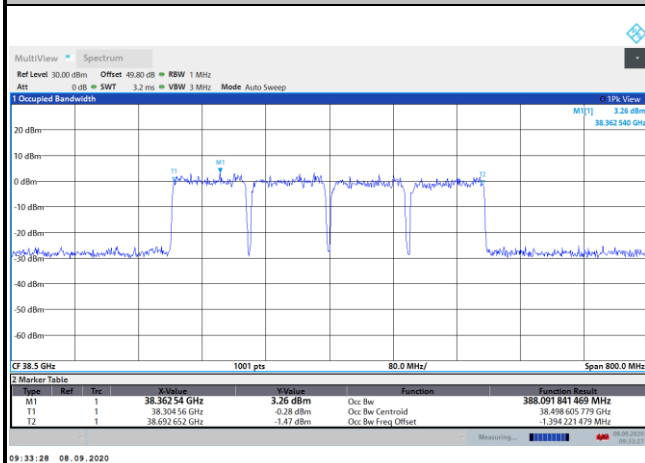
Lowest Channel / 400MHz / BPSK



Lowest Channel / 400MHz / QPSK



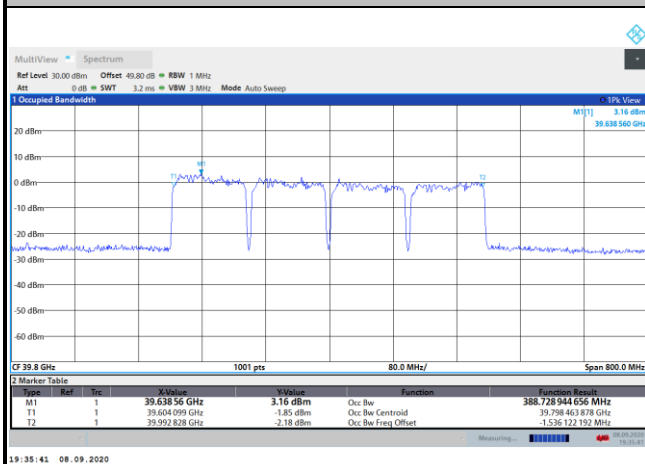
Middle Channel / 400MHz / BPSK



Middle Channel / 400MHz / QPSK



Highest Channel / 400MHz / BPSK

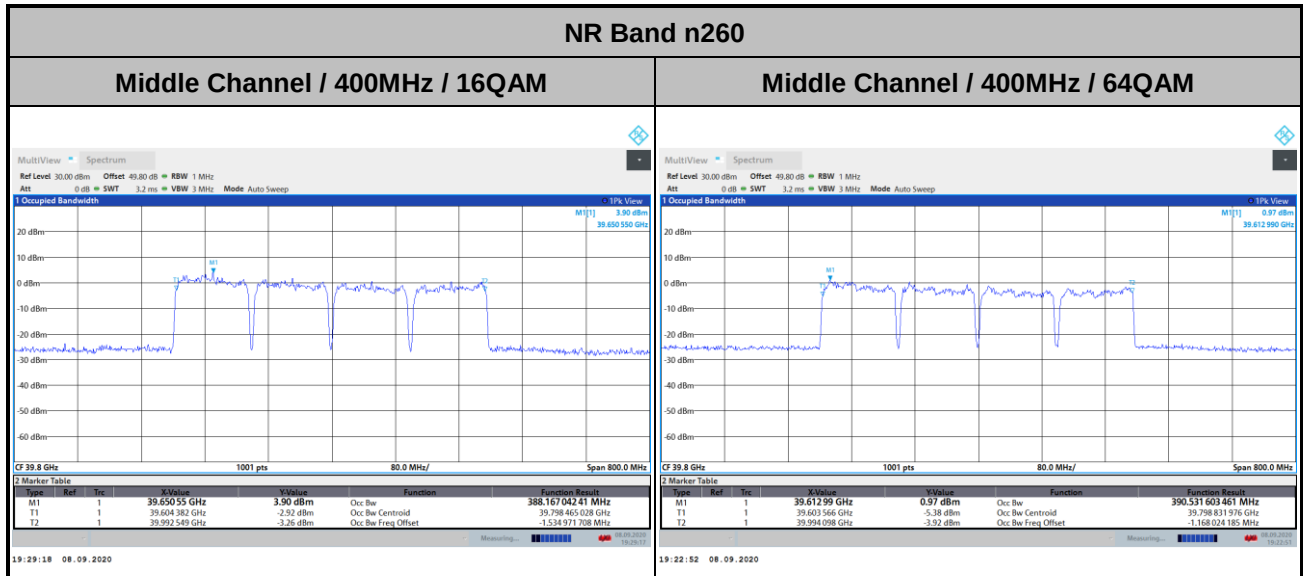


Highest Channel / 400MHz / QPSK





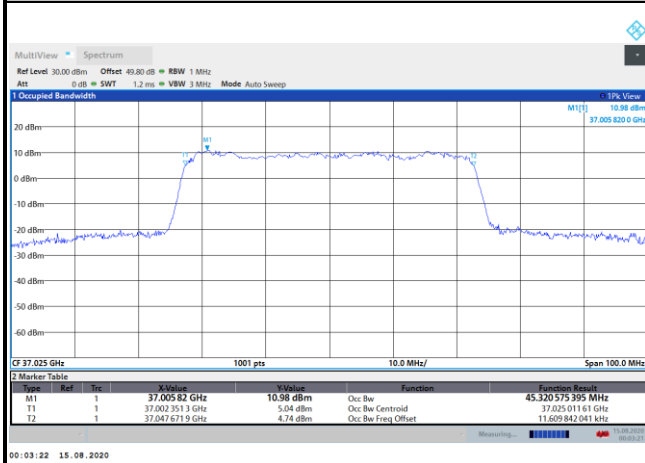
DFT-s-OFDM Module 0



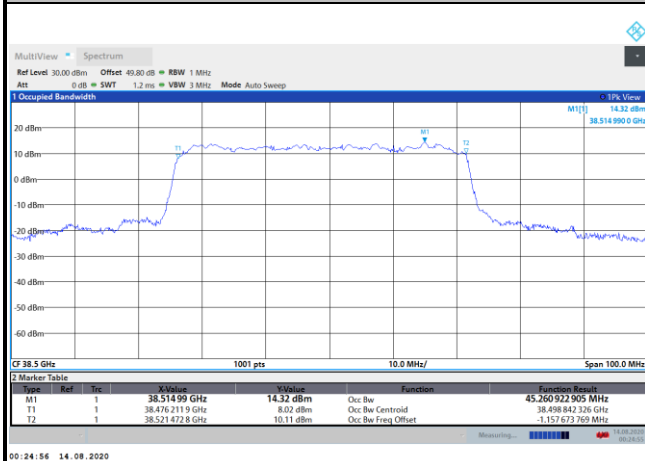
CP-OFDM Module 0

NR Band n260

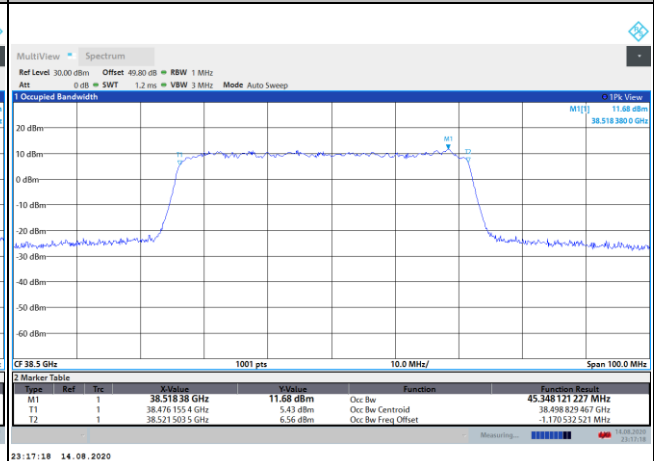
Lowest Channel / 50MHz / QPSK



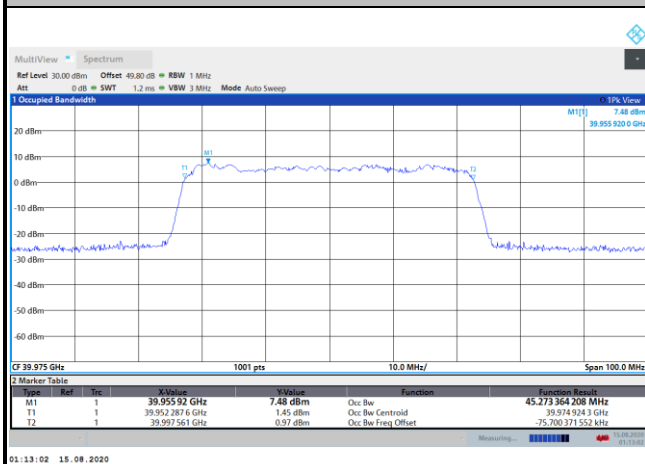
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

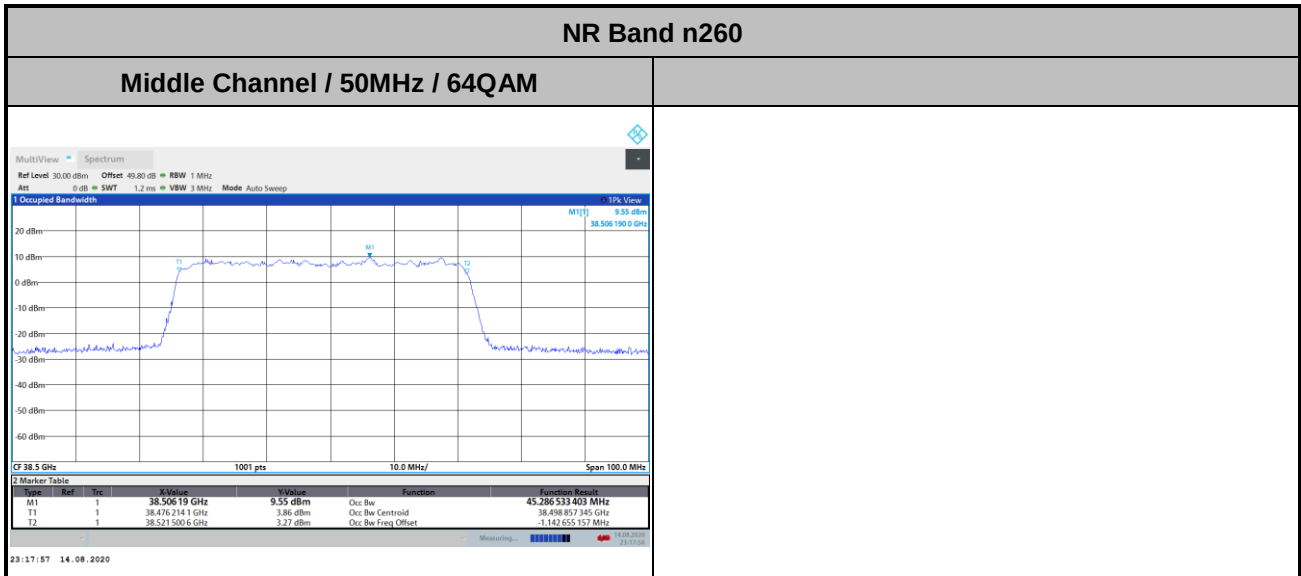


Highest Channel / 50MHz / QPSK





CP-OFDM Module 0

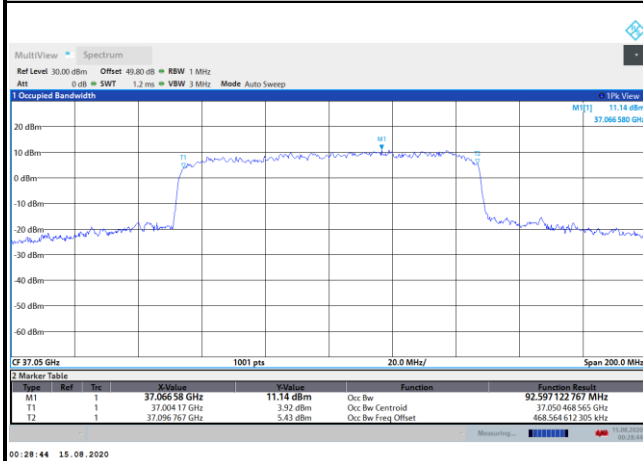




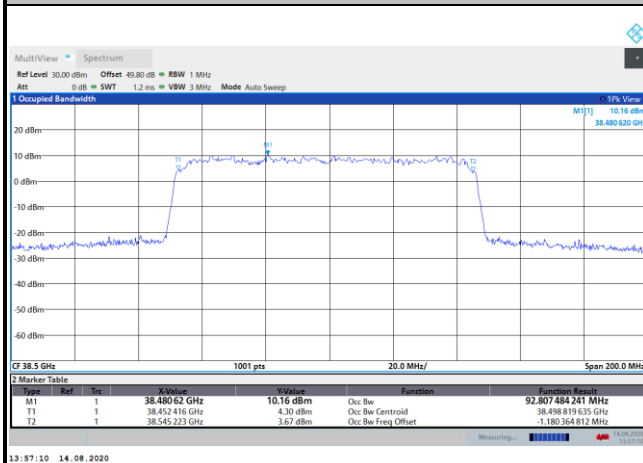
CP-OFDM Module 0

NR Band n260

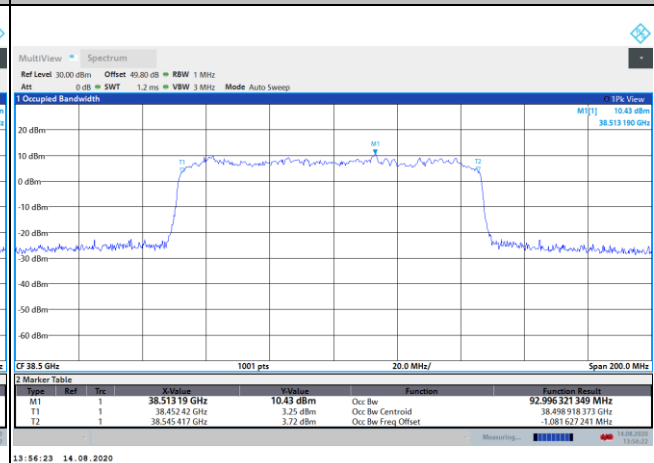
Lowest Channel / 100MHz / QPSK



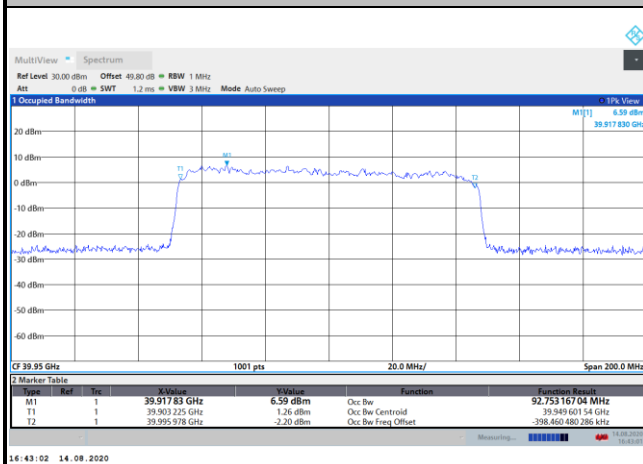
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

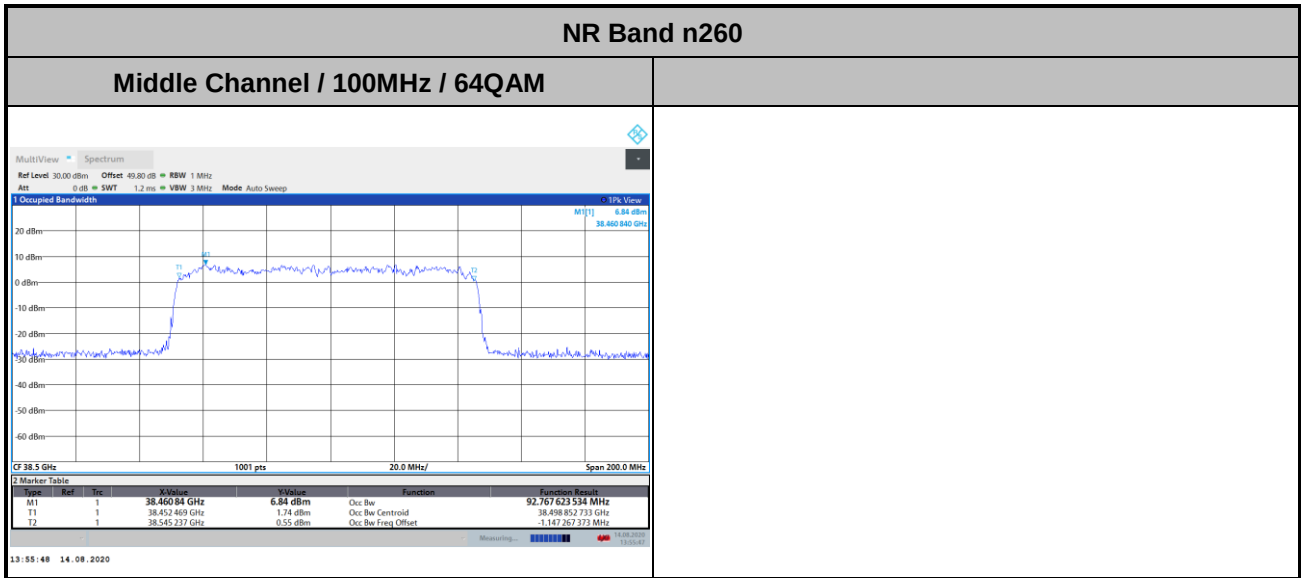


Highest Channel / 100MHz / QPSK





CP-OFDM Module 0

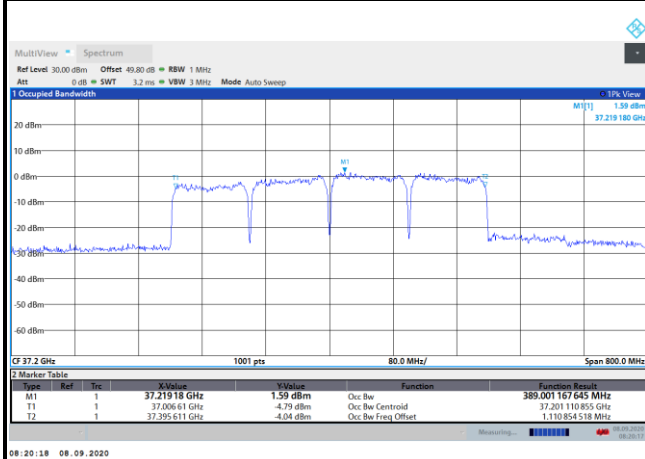




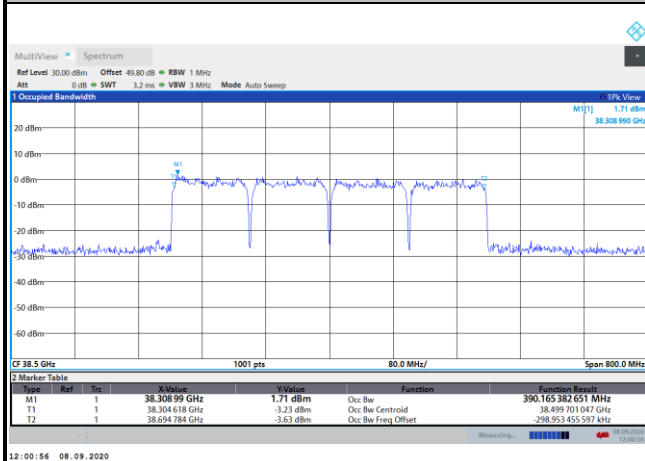
CP-OFDM Module 0

NR Band n260

Lowest Channel / 400MHz / QPSK



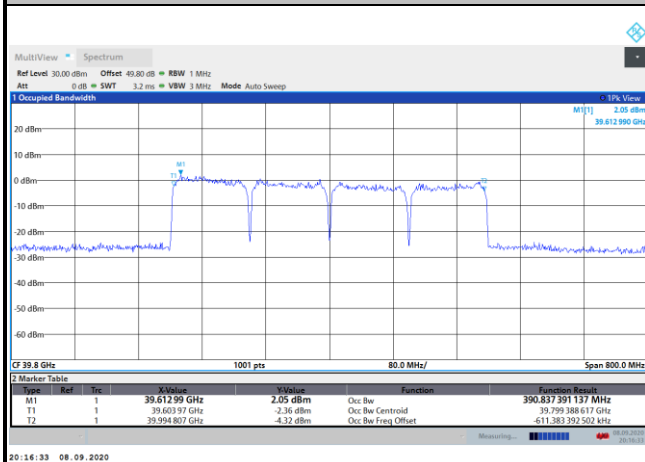
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

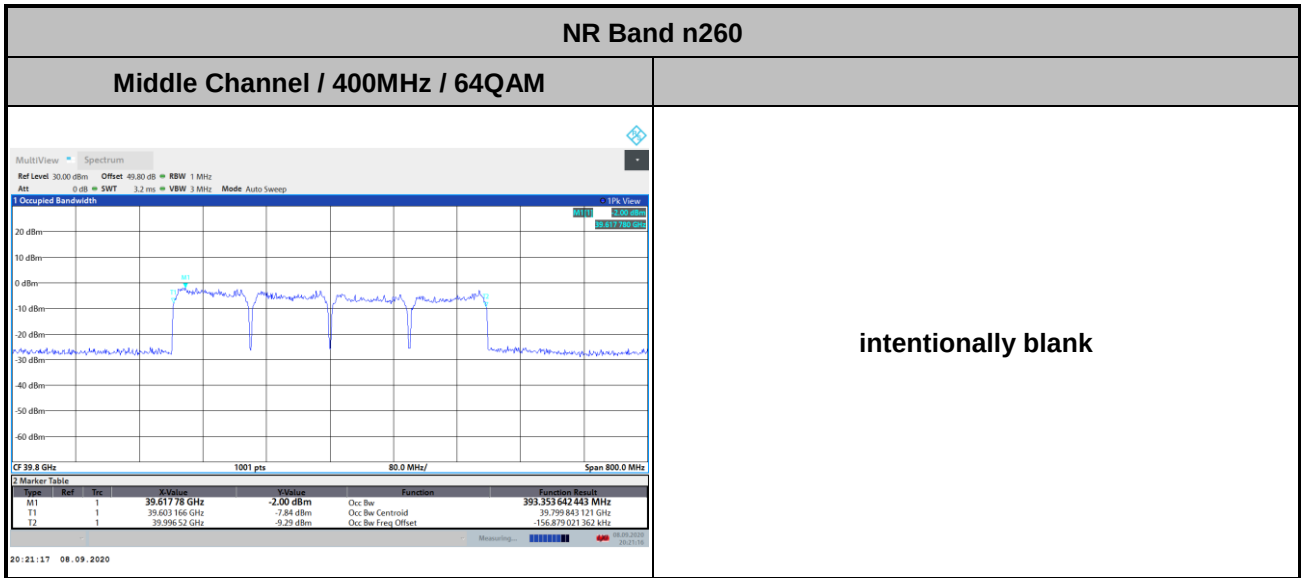


Highest Channel / 400MHz / QPSK





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)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-18.44	-16.07	-	-	-20.96	-19.78	-	-	-33.24	-32.26	-	-
	>10%OB	≤-13	-33.57	-33.41	-	-	-33.86	-33.26	-	-	-36.84	-35.83	-	-
High CH	0~10%OB	≤-5	-23.37	-23.08	-	-	-22.49	-23.43	-	-	-32.14	-31.91	-	-
	>10%OB	≤-13	-33.52	-33	-	-	-33.56	-33.58	-	-	-35.19	-35.09	-	-
Result			Compliance											

Mode			CP-OFDM Module 0 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	-19.81	-	-	-22.94	-	-	-30.88	-	-
	>10%OB	≤-13	-33.76	-	-	-34.72	-	-	-33.77	-	-
High CH	0~10%OB	≤-5	-24.44	-	-	-27.14	-	-	-30.77	-	-
	>10%OB	≤-13	-33.61	-	-	-34.16	-	-	-34.83	-	-
Result			Compliance								

Mode			DFT-s-OFDM Module 0 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	-30.71	-28.57	-	-	-30.9	-26.95	-	-	-37.24	-35.99	-	-
	>10%OB	≤-13	-35.66	-31.43	-	-	-33.97	-28.95	-	-	-36.97	-36.17	-	-
High CH	0~10%OB	≤-5	-32.97	-31.19	-	-	-34.52	33.5	-	-	-34.87	-33.97	-	-
	>10%OB	≤-13	-33.92	-34.1	-	-	-34.07	34.23	-	-	-35.1	-34.82	-	-
Result			Compliance											

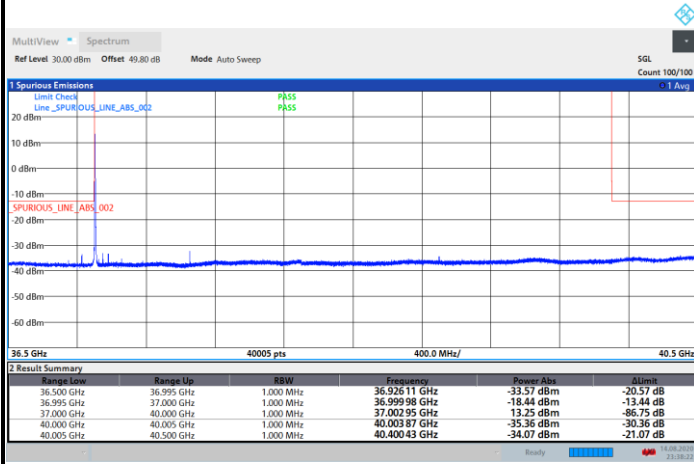
Mode			CP-OFDM Module 0 NR Band n260 : BE (dBm) Full RB								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-29.61	-	-	-27.98	-	-	-36.46	-	-
	>10%OB	≤-13	-32.26	-	-	-29.12	-	-	-36.74	-	-
High CH	0~10%OB	≤-5	-33.15	-	-	-34.14	-	-	-34.62	-	-
	>10%OB	≤-13	-34.2	-	-	-34.17	-	-	-34.92	-	-
Result			Compliance								



DFT-s-OFDM Module 0

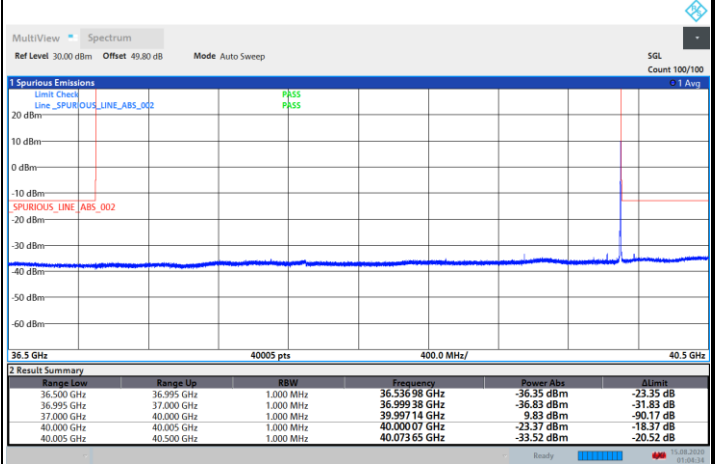
NR Band n260 / 50MHz / BPSK

Lowest Band Edge / 1 RB



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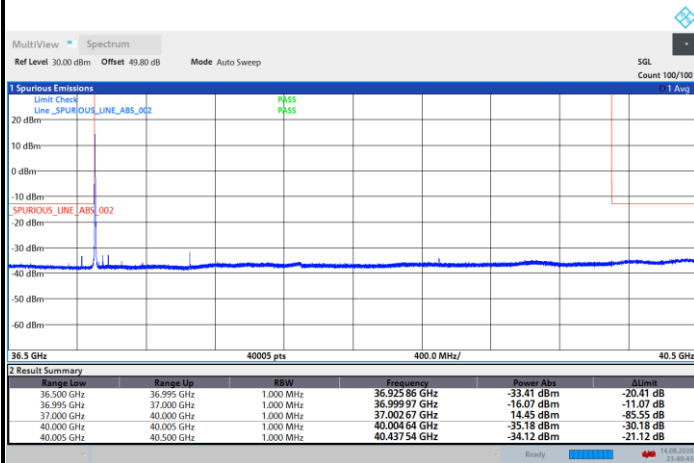
Highest Band Edge / 1 RB



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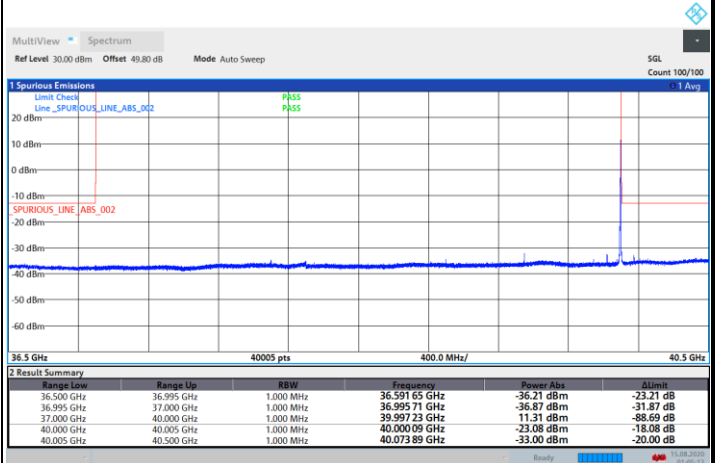
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



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Highest Band Edge / 1 RB



01:05:14 15.08.2020