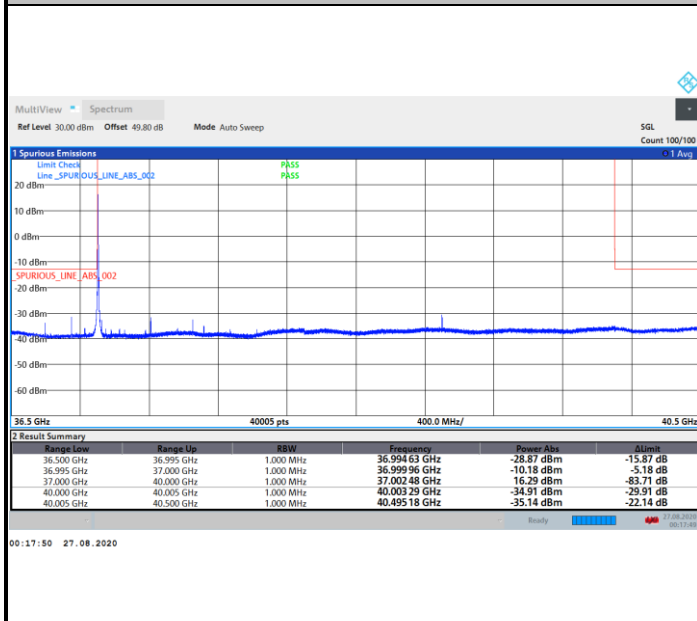
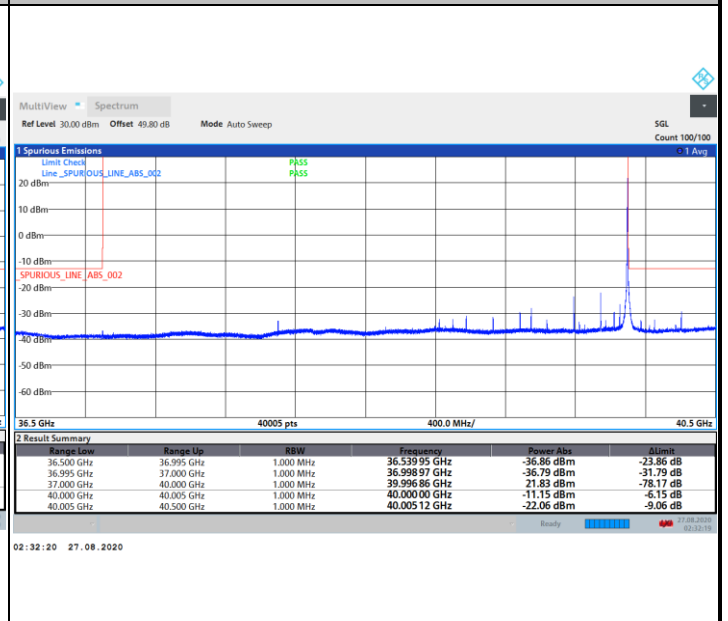
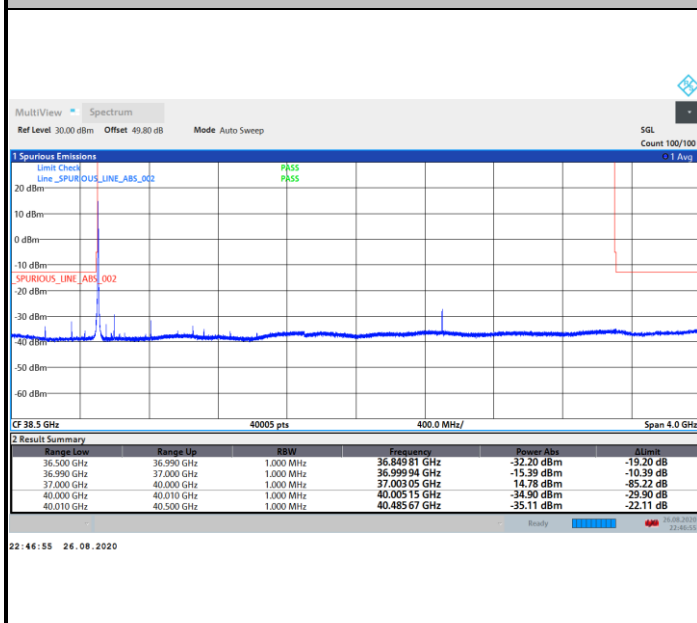
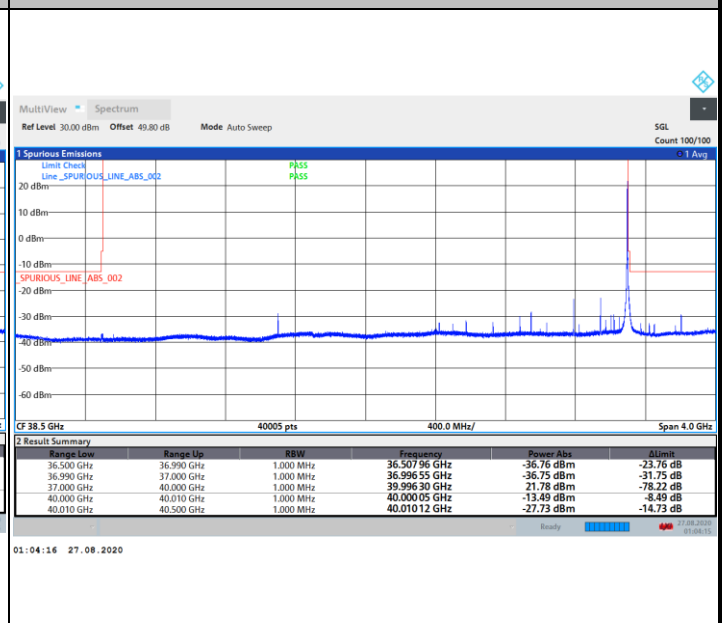


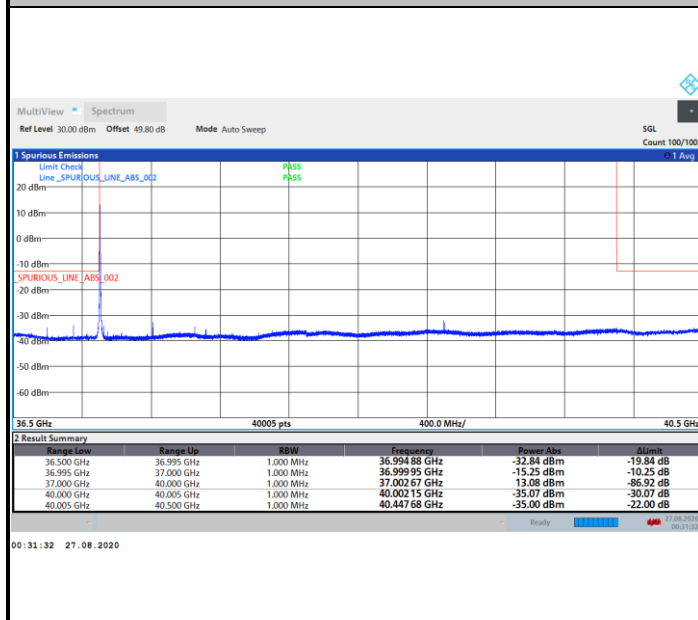
**DFT-s-OFDM Module 0****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****DFT-s-OFDM Module 0****NR Band n260 / 100MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB**



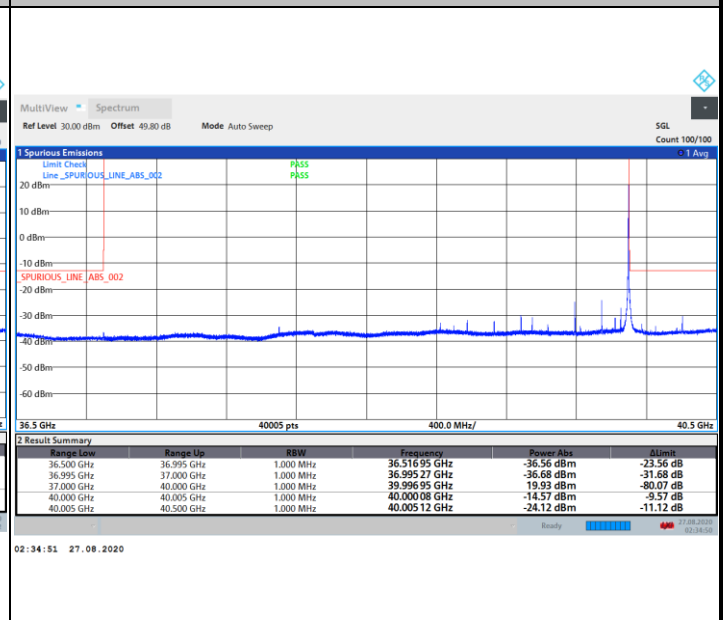
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / 1 RB



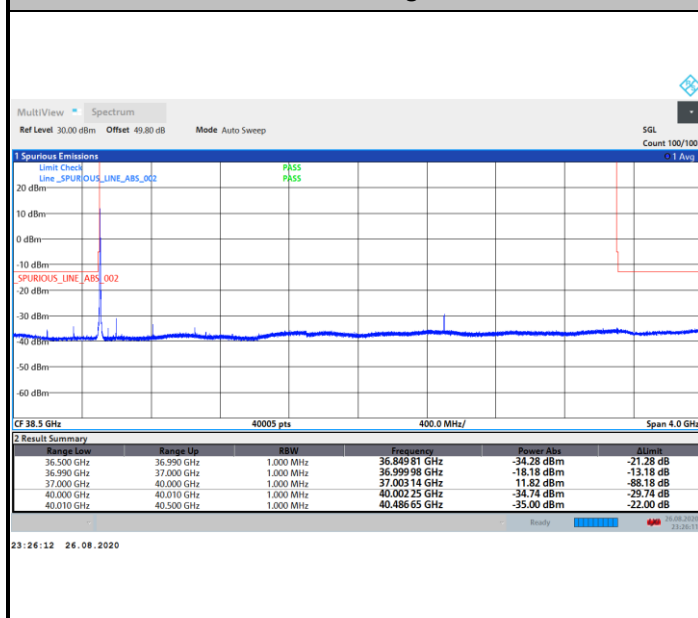
Highest Band Edge / 1 RB



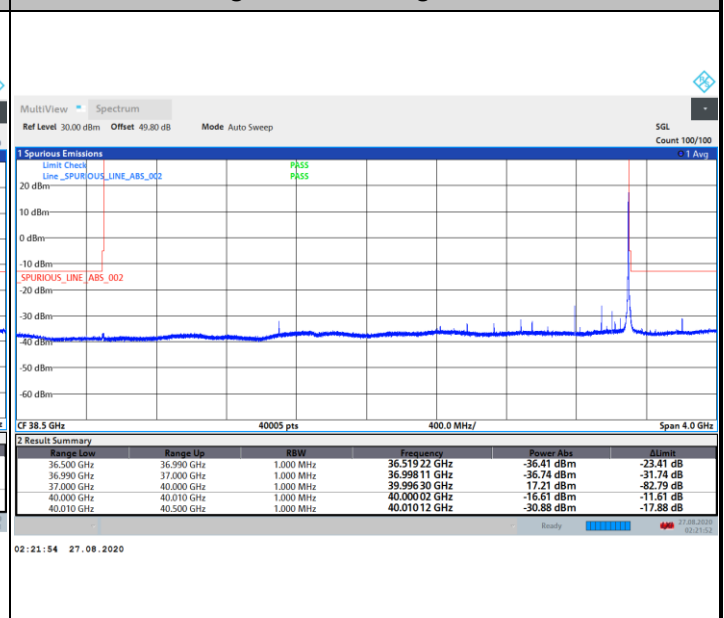
CP-OFDM Module 0

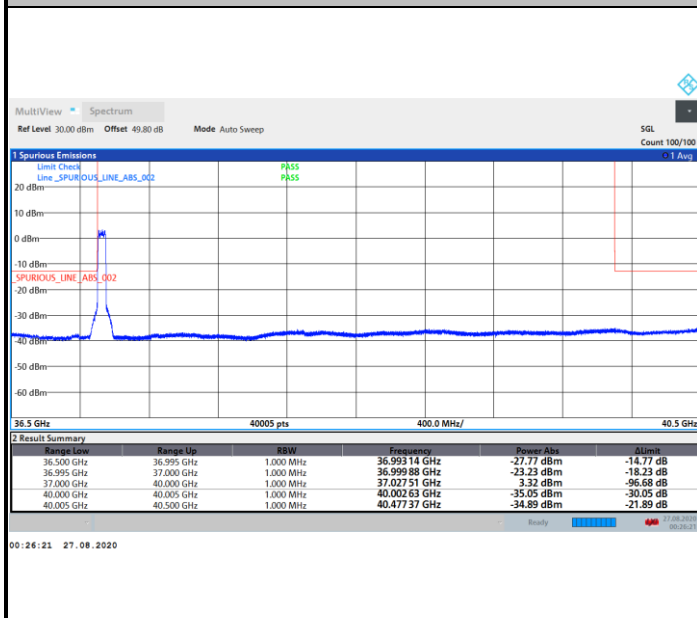
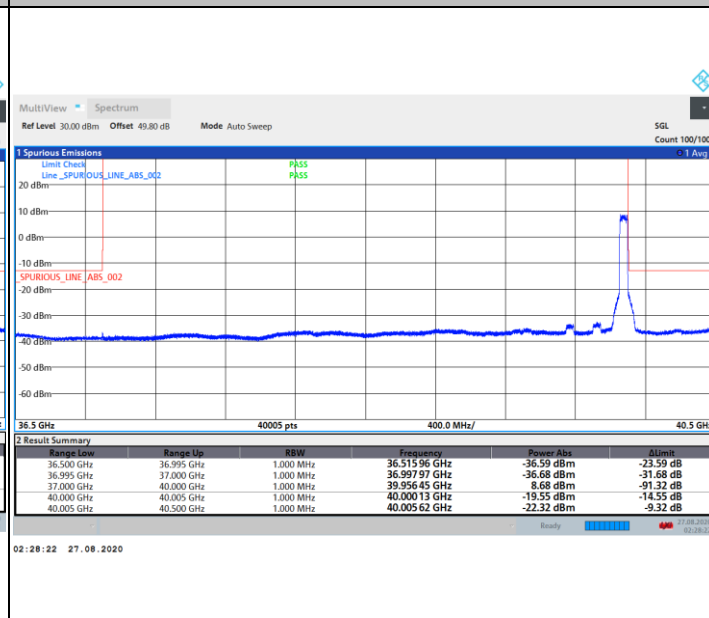
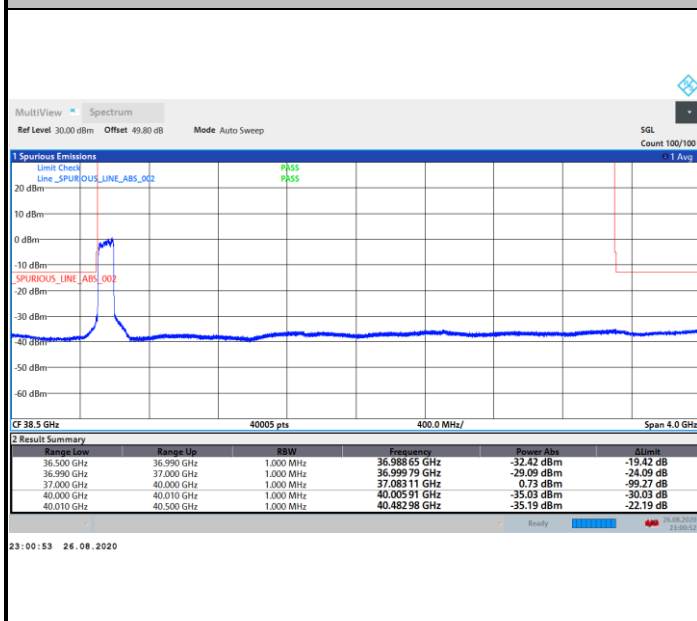
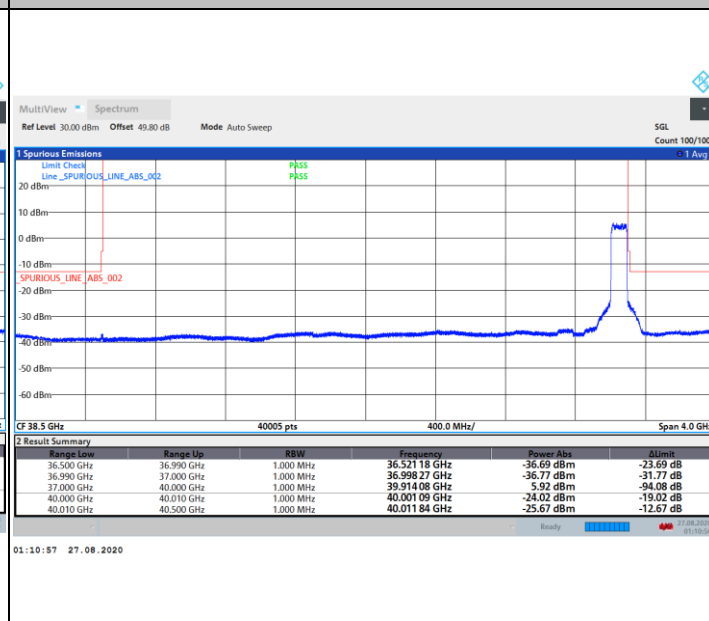
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



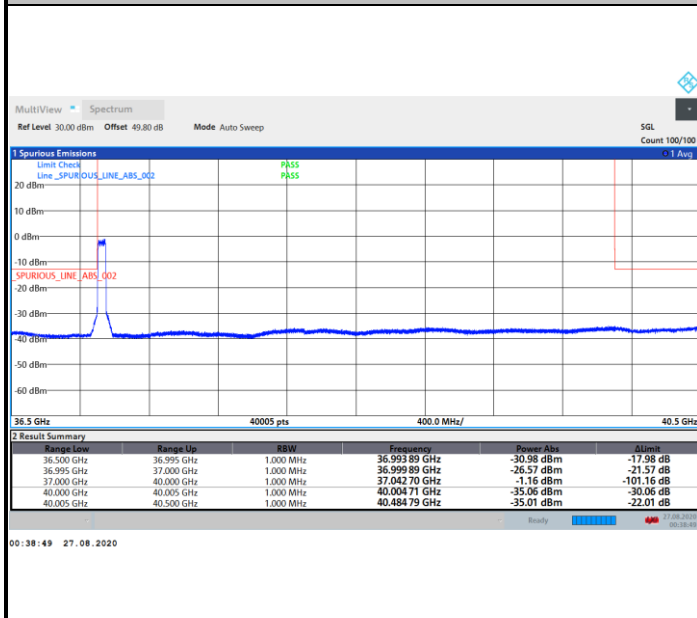
**DFT-s-OFDM Module 0****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****DFT-s-OFDM Module 0****NR Band n260 / 100MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



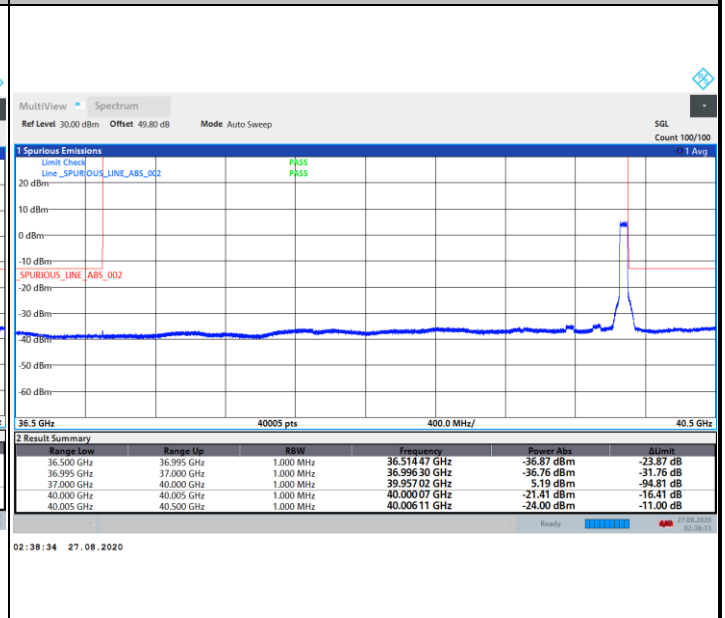
CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



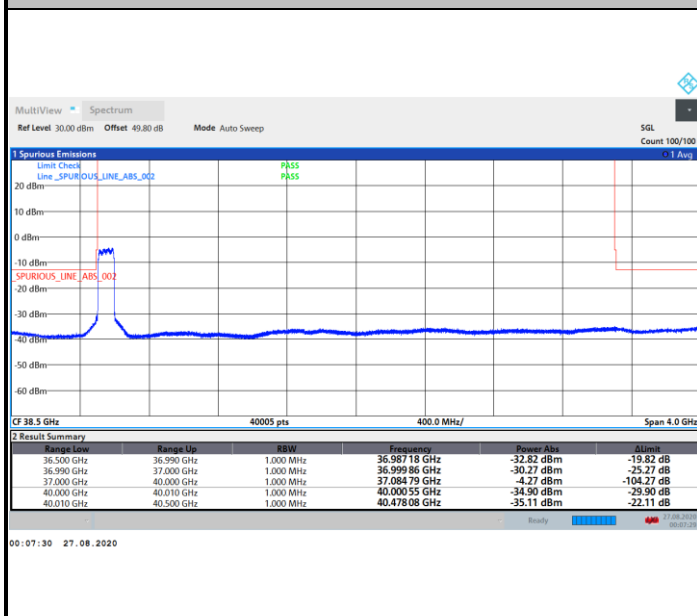
Highest Band Edge / Full RB



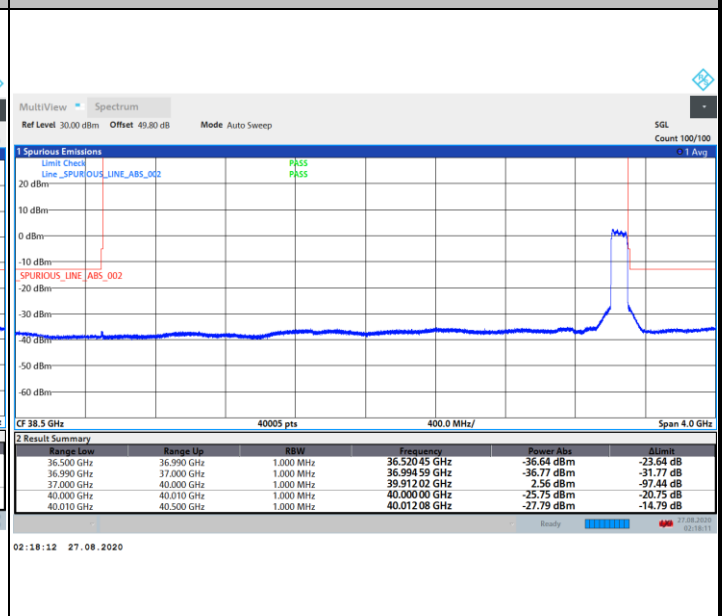
CP-OFDM Module 0

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

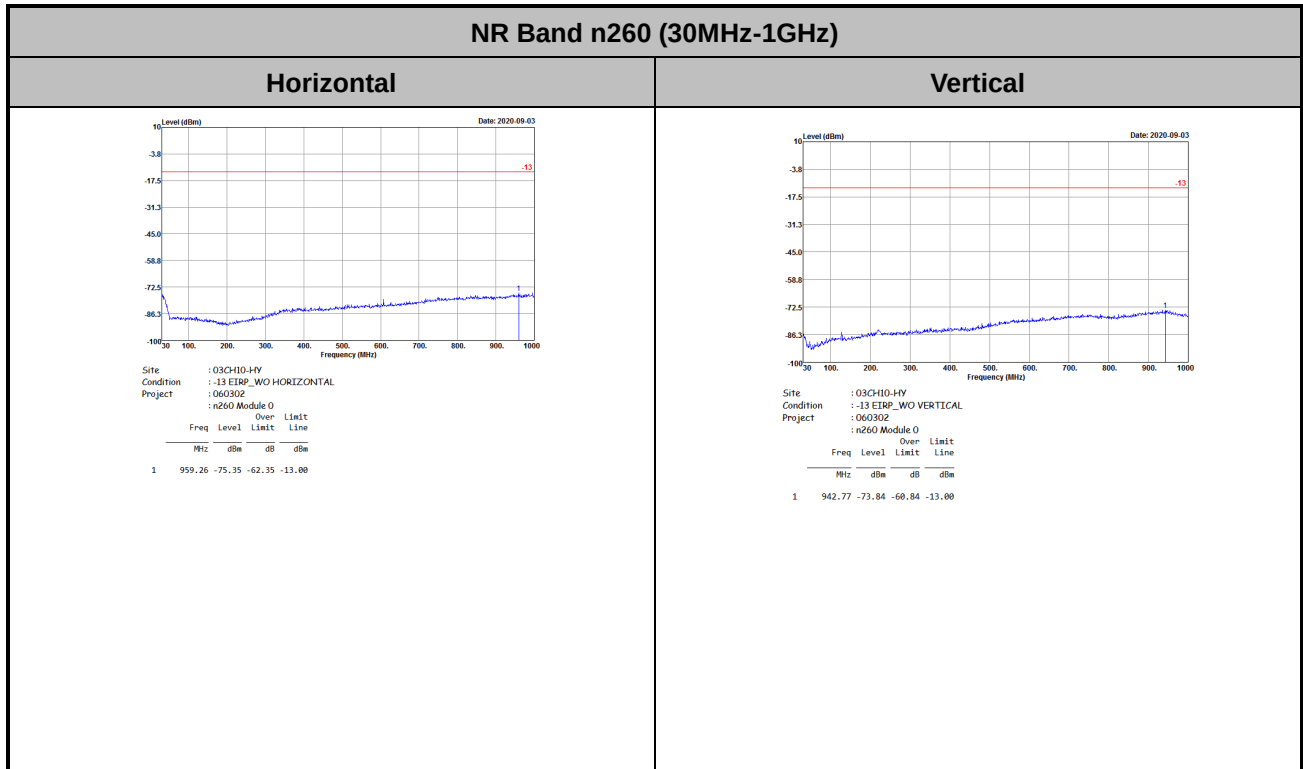




Spurious Emission

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

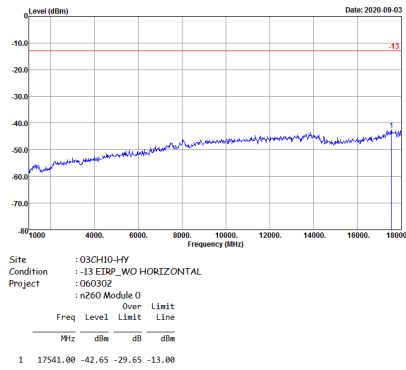
Only the noise floor is reported.



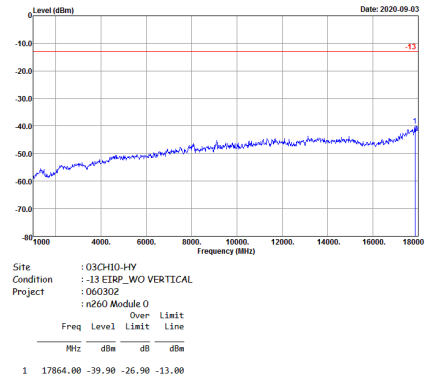


NR Band n260 (1GHz-18GHz)

Horizontal

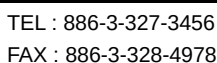


Vertical



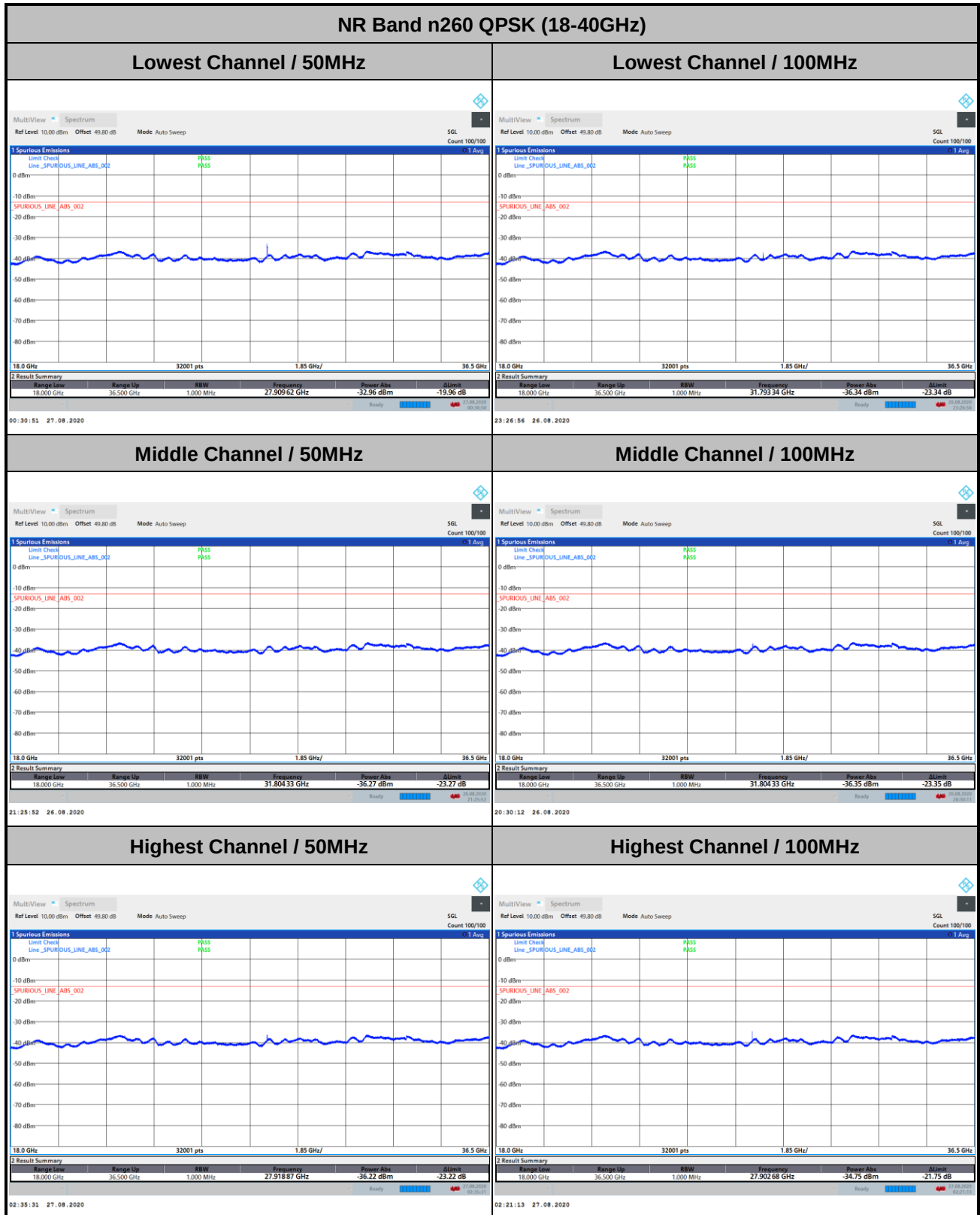


NR Band n260 QPSK (18-40GHz)



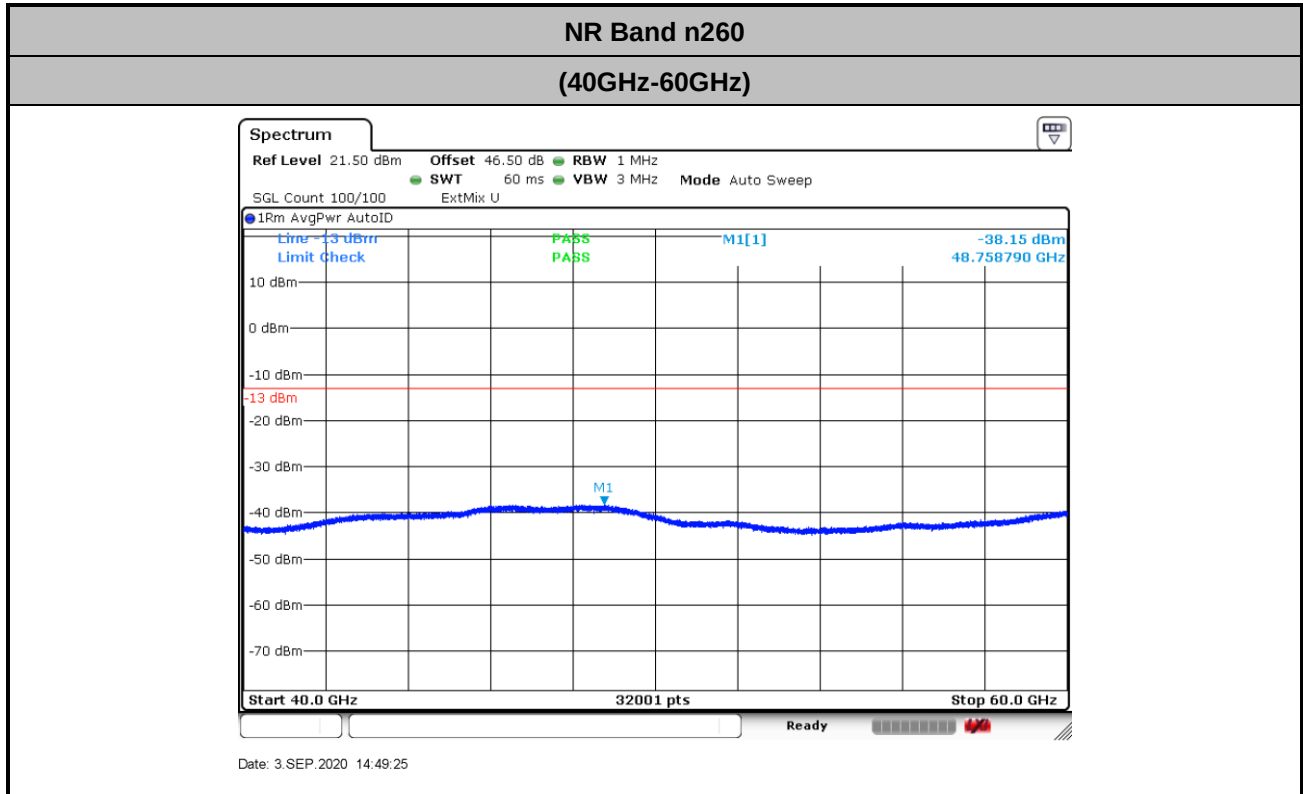


CP-OFDM Module 0

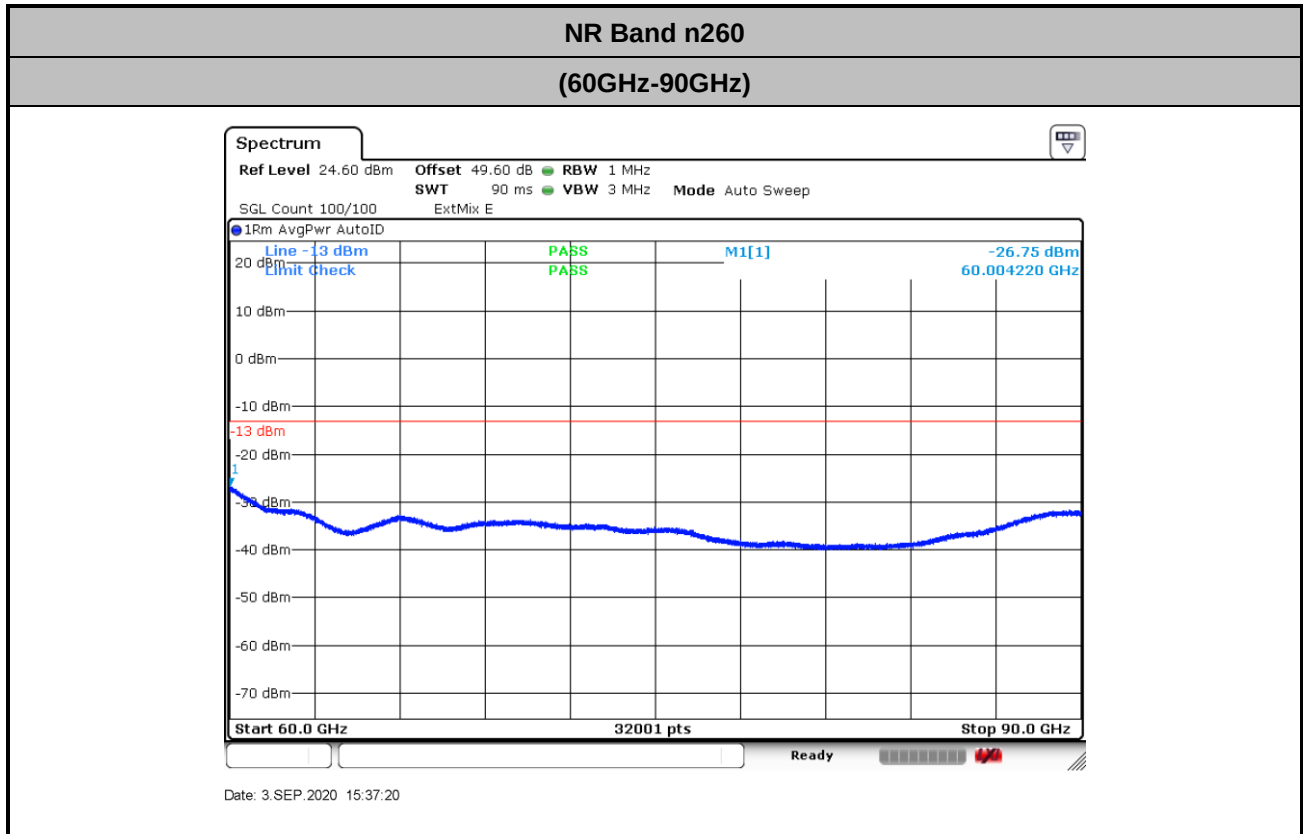




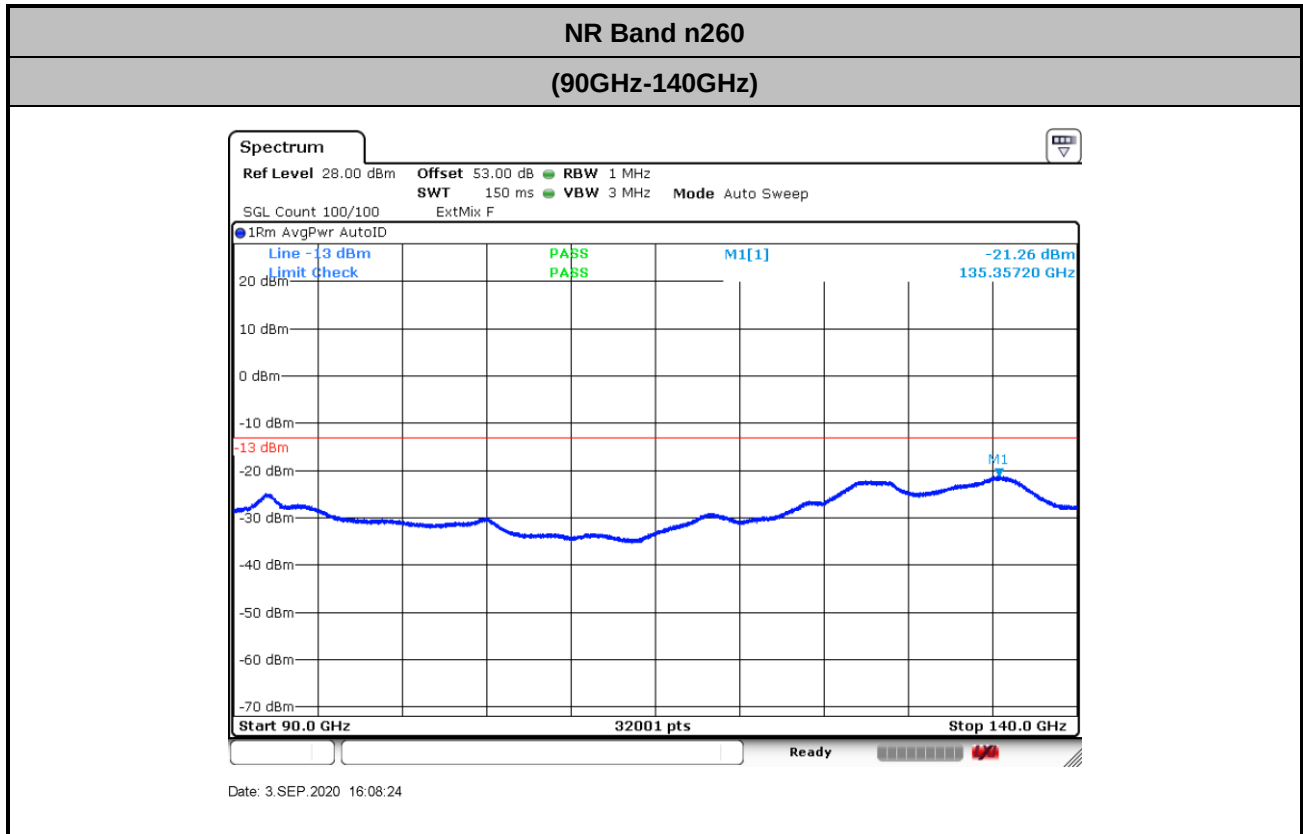
There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.
Only the noise floor is reported.



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



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

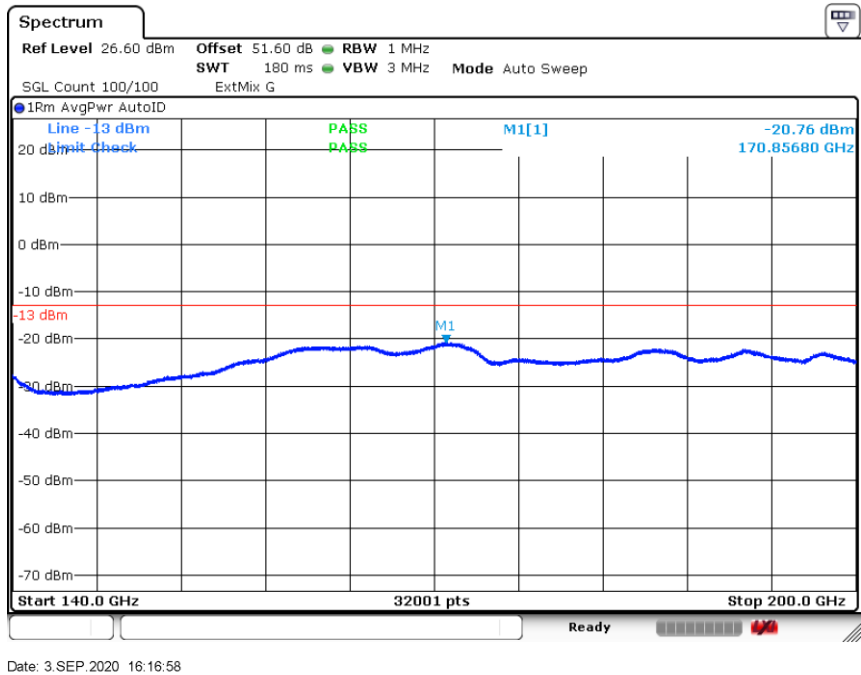


$$\begin{aligned}\text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}\end{aligned}$$



NR Band n260

(140GHz-200GHz)



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



NR Band n260 Module 1 AG0

Occupied Bandwidth

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.04	-	-	90.26	-	-	388.89	-	-
Middle CH	45.02	45.18	45.40	90.43	90.67	90.35	387.68	386.80	381.93
Highest CH	45.20	-	-	90.27	-	-	388.17	-	-

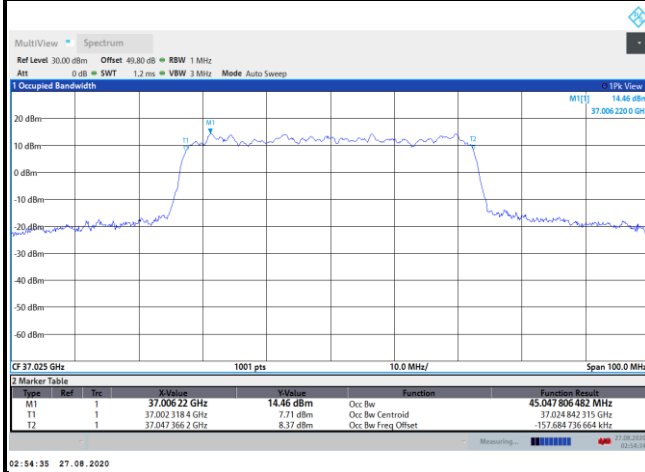
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.36	-	-	92.76	-	-	388.27	-	-
Middle CH	45.29	45.35	45.54	92.98	92.92	93.13	387.27	381.70	390.81
Highest CH	45.36	-	-	92.85	-	-	389.07	-	-



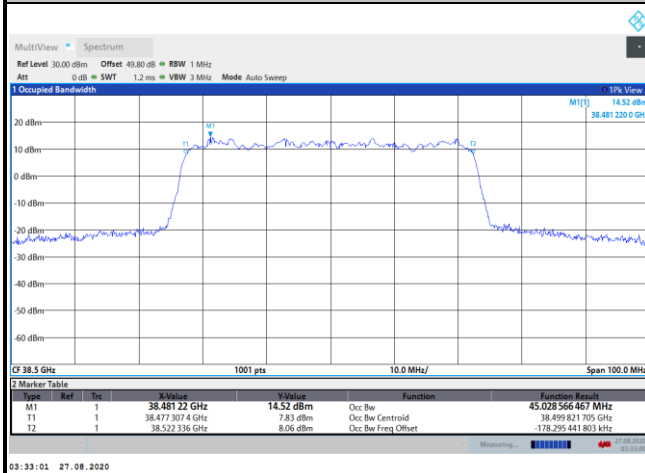
DFT-s-OFDM Module 1

NR Band n260

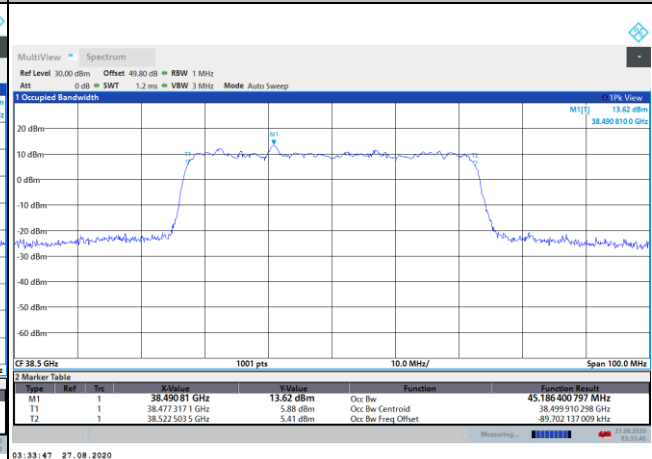
Lowest Channel / 50MHz / QPSK



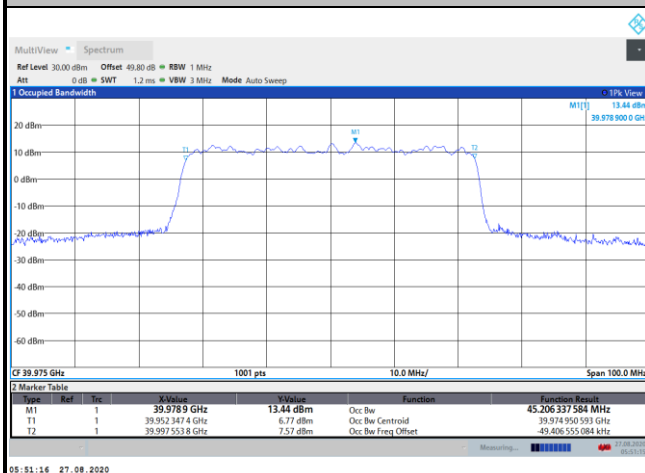
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

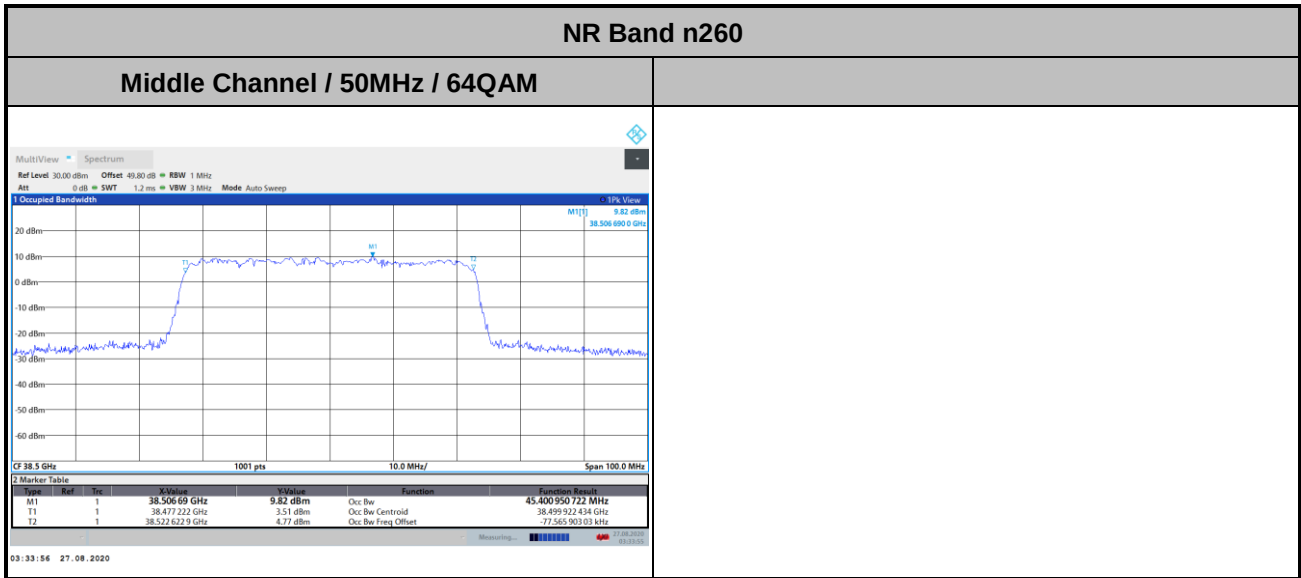


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 1

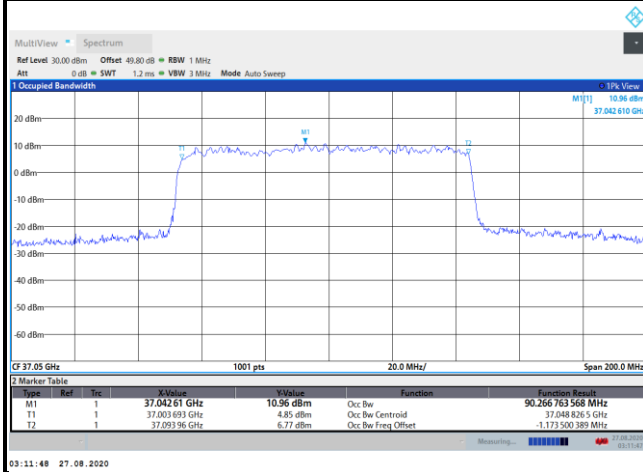




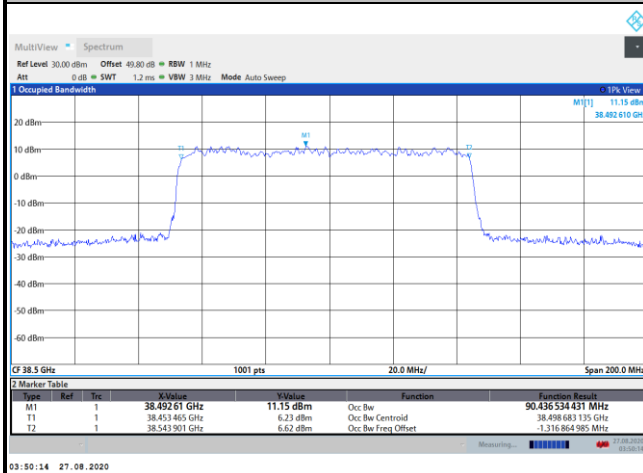
DFT-s-OFDM Module 1

NR Band n260

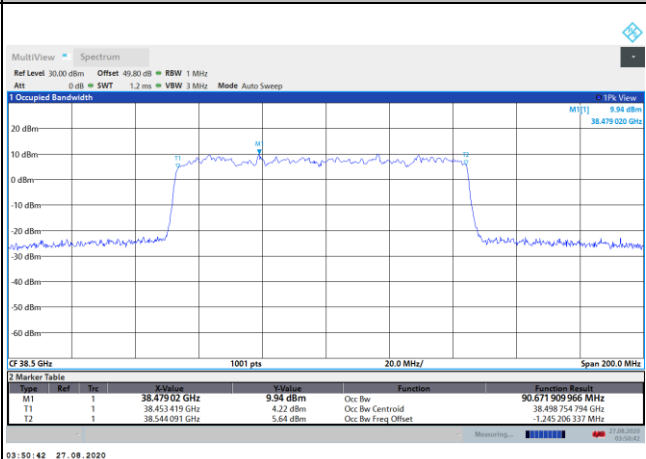
Lowest Channel / 100MHz / QPSK



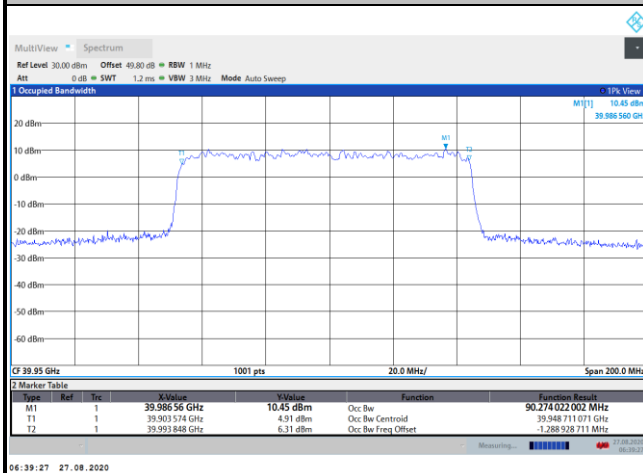
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

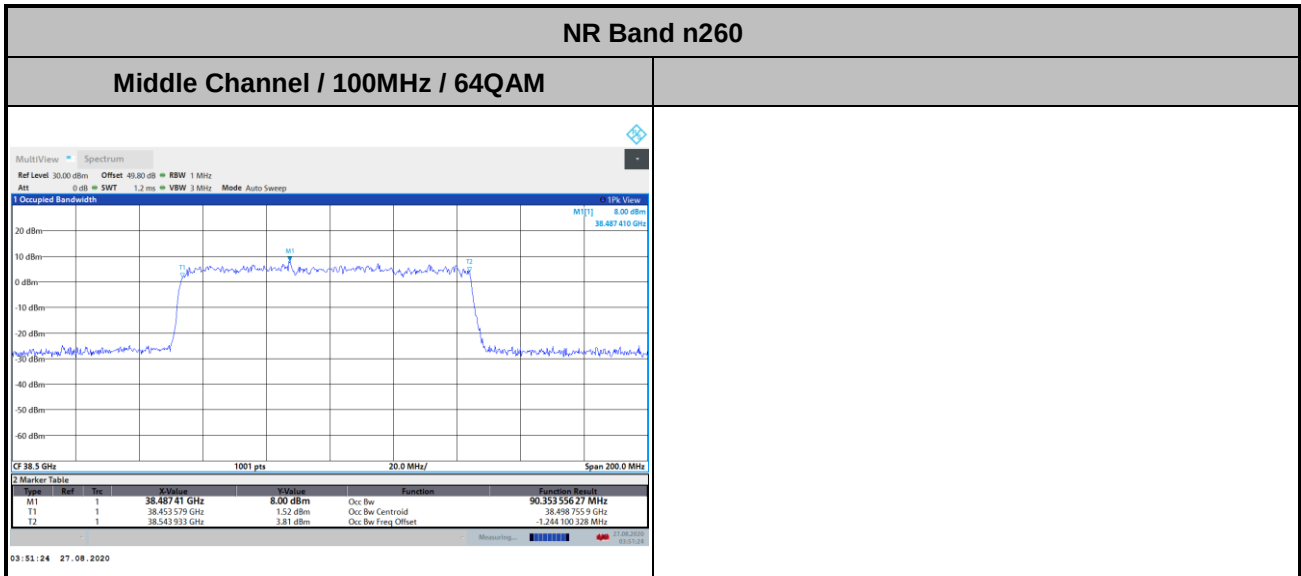


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 1





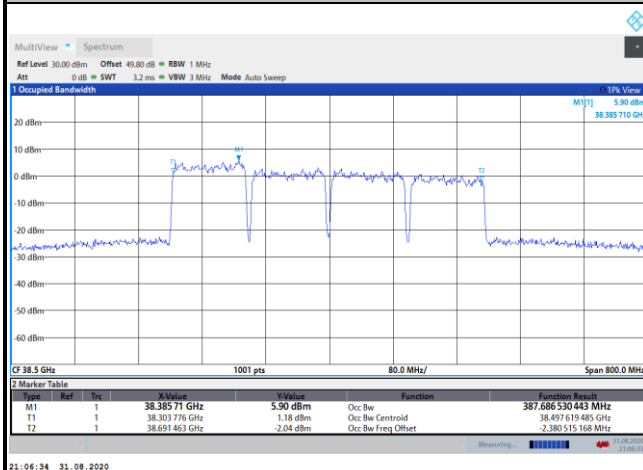
DFT-s-OFDM Module 1

NR Band n260

Lowest Channel / 400MHz / QPSK



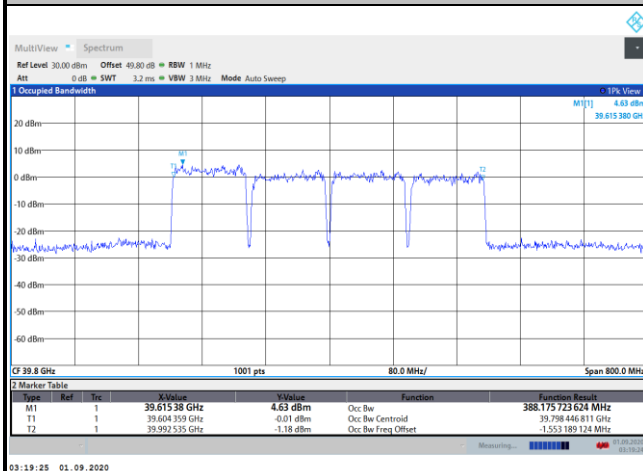
Middle Channel / 400MHz / QPSK



Middle Channel / 400MHz / 16QAM

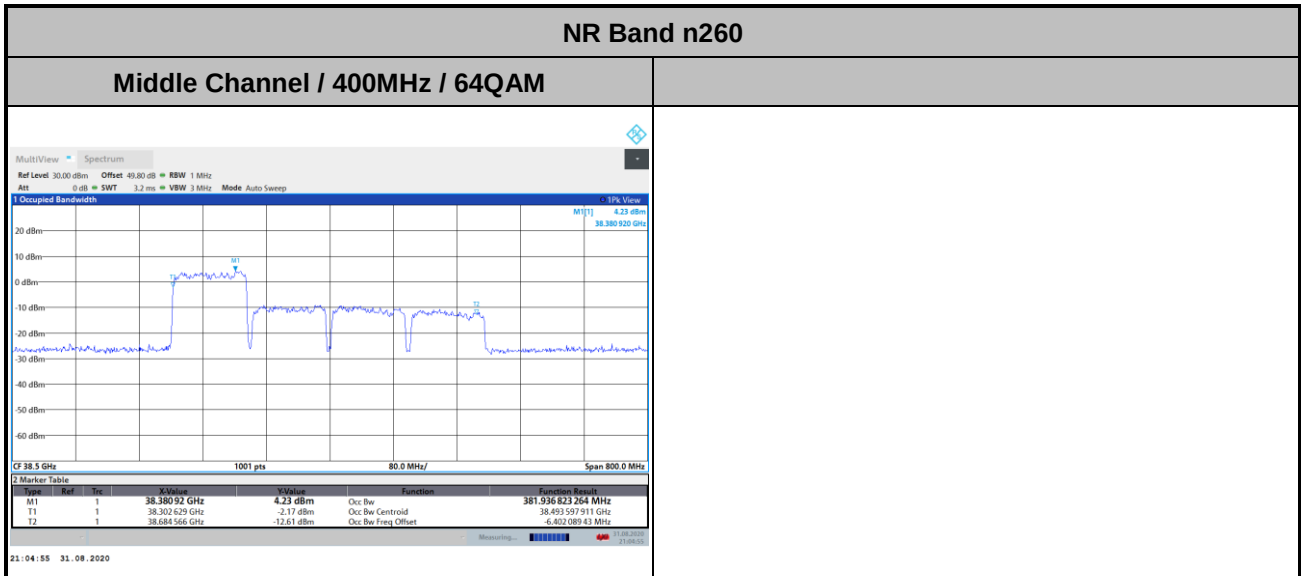


Highest Channel / 400MHz / QPSK





DFT-s-OFDM Module 1

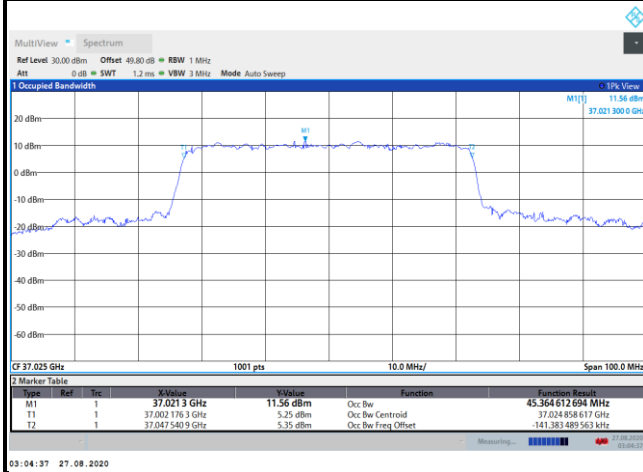




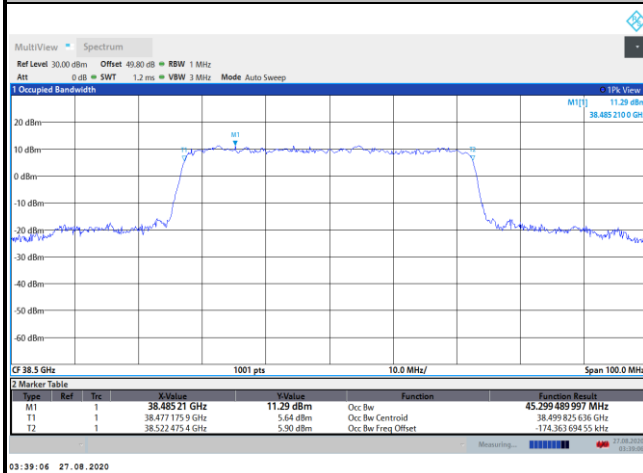
CP-OFDM Module 1

NR Band n260

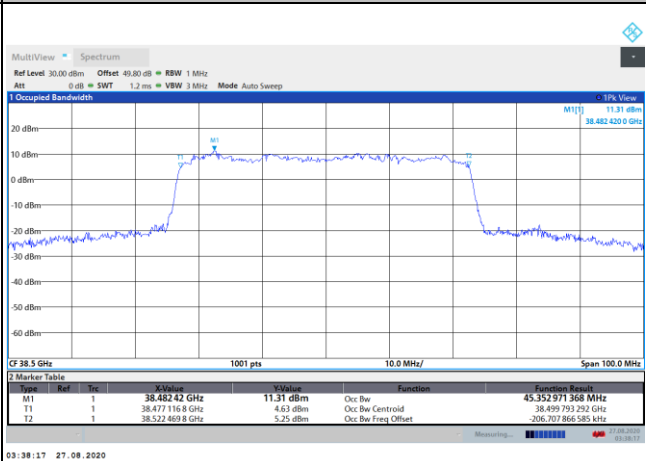
Lowest Channel / 50MHz / QPSK



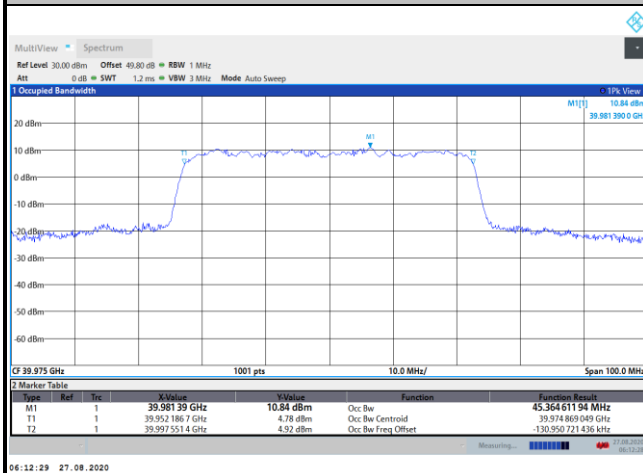
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM

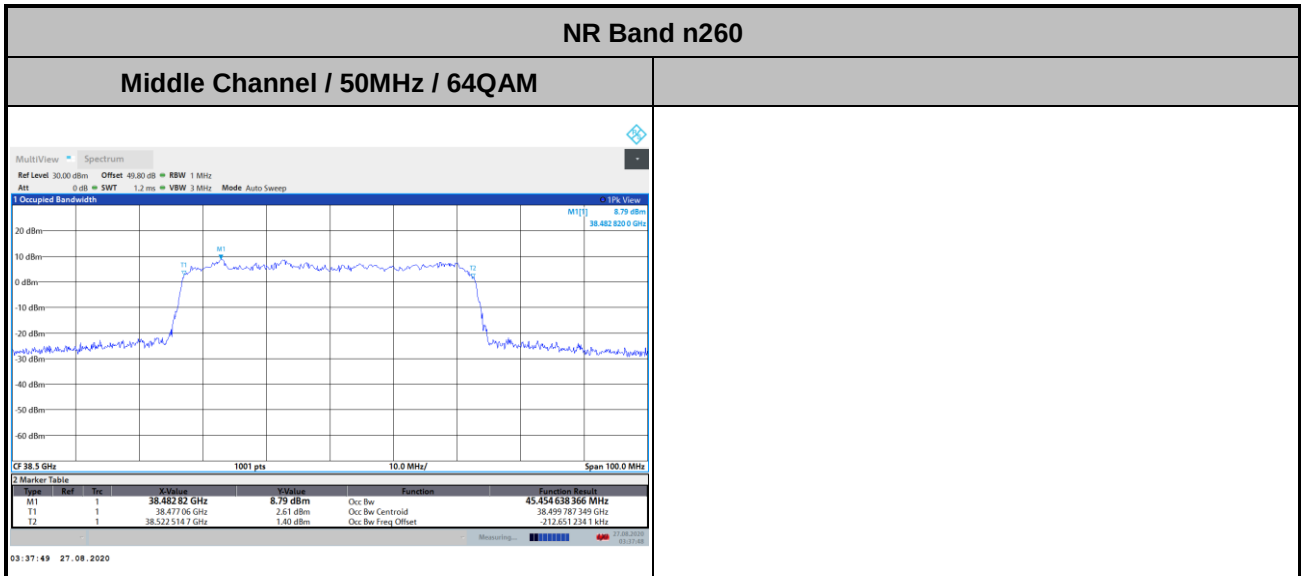


Highest Channel / 50MHz / QPSK





CP-OFDM Module 1

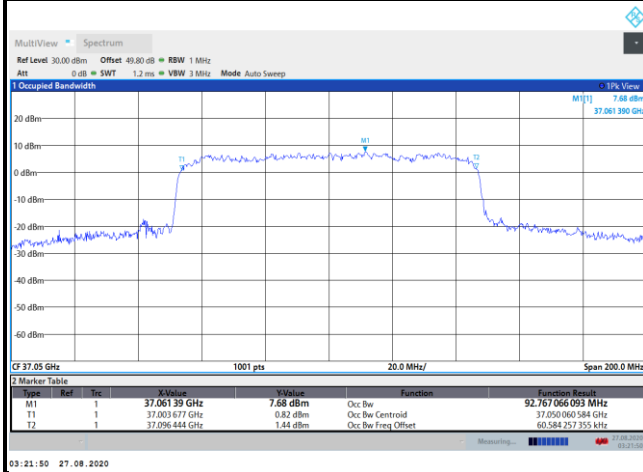




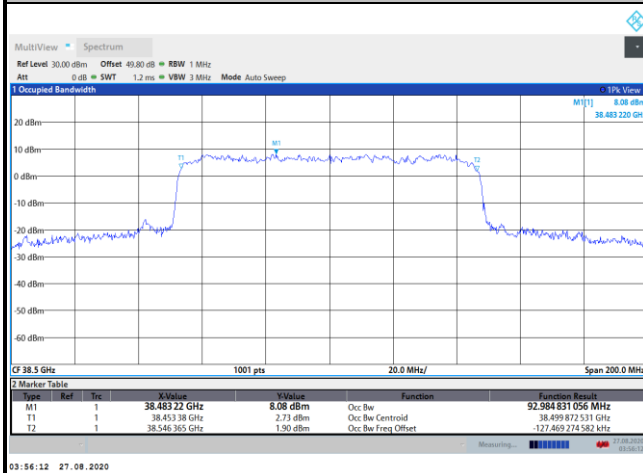
CP-OFDM Module 1

NR Band n260

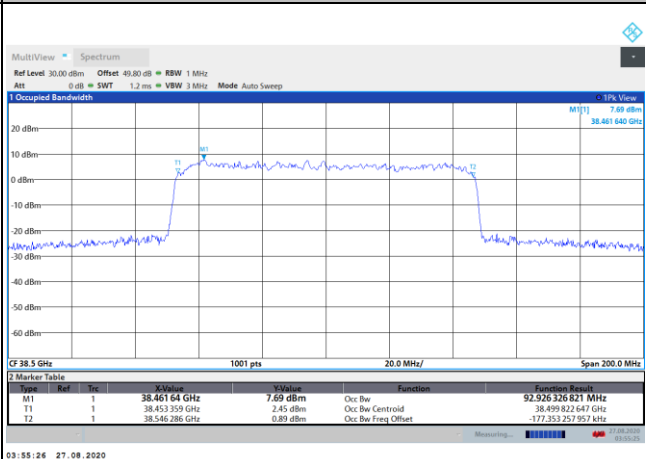
Lowest Channel / 100MHz / QPSK



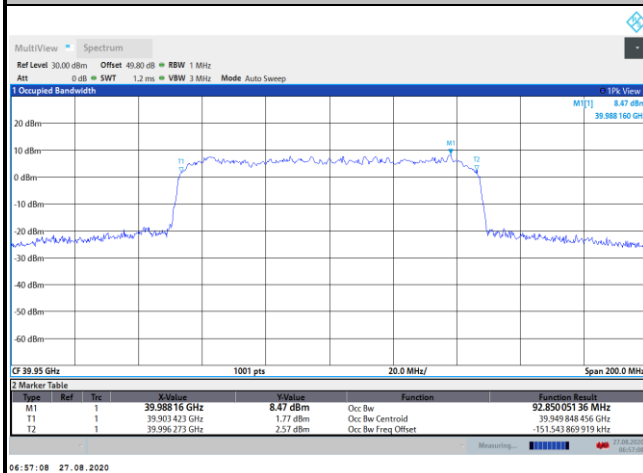
Middle Channel / 100MHz / QPSK



Middle Channel / 100MHz / 16QAM

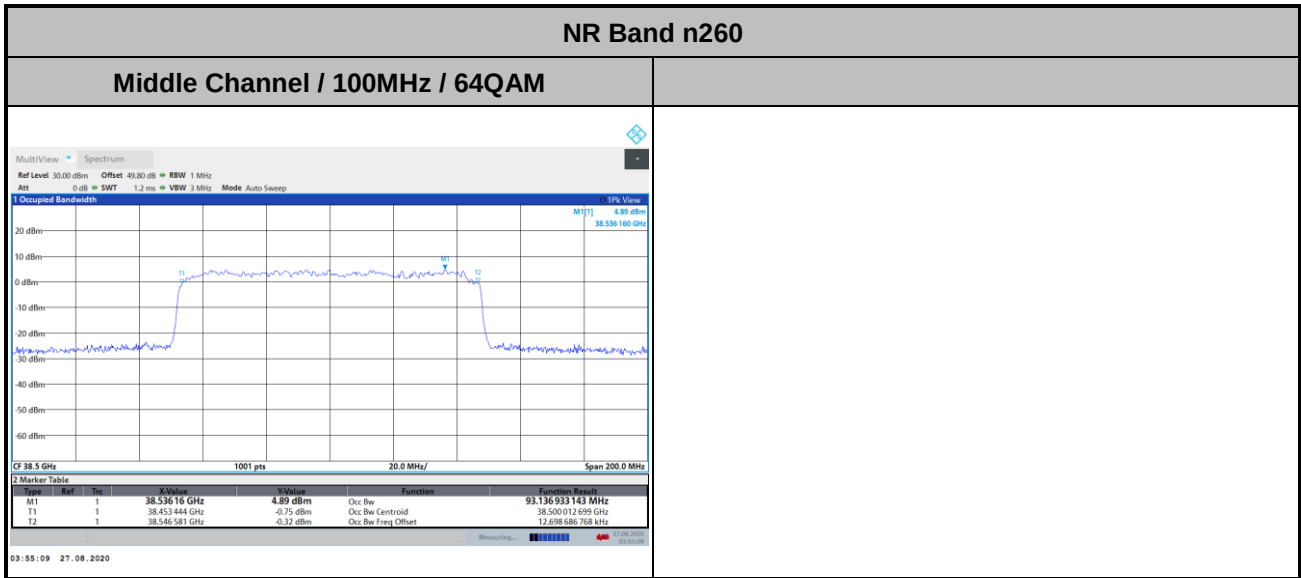


Highest Channel / 50MHz / QPSK



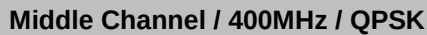


CP-OFDM Module 1





Lowest Channel / 400MHz / QPSK



MultiView Spectrum

Ref Level 30.00 dBm Offset 40.80 dB RBW 1 MHz

Freq 0 dB SWT 3.2 ms VSW 3 MHz Mode Auto Sweep

Occupied Bandwidth

10% View

M1 4.21 dBm

38.38811 GHz

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

38.385 GHz 1001 pts 80.0 MHz/ Span 800.0 MHz

Type	Ref	X-Value	Y-Value	Function	Function Result
M1	1	38.38811 GHz	4.21 dBm		381.702 561 875 MHz
T1	1	38.302 086 GHz	-3.44 dBm	Occ Bw	38.493 737 27 GHz
T2	1	38.684 589 GHz	-12.35 dBm	Occ Bw Centroid	4.262 777 584 MHz
				Occ Bw Freq Offset	

Measuring...

11.08.2020 21:08:05

MultiView Spectrum

Ref Level 30.00 dBm Offset: 49.80 dB BW: 3 MHz Mode Auto Sweep

Att: 0.00 SWT 3.2 ms VBW 3 MHz

Occupied Bandwidth

0 10% View

M1 4.61 dBm

39.658 540 GHz

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

CF 39.8 GHz 1001 pts 80.0 MHz/ Span 800.0 MHz

Marker Table

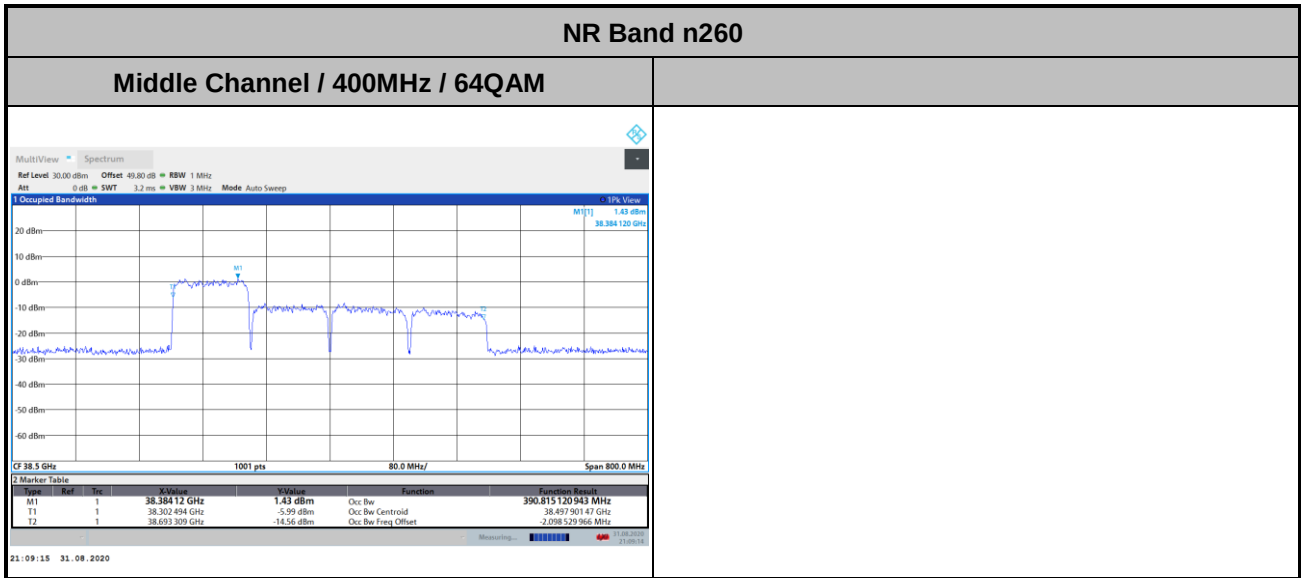
Type	Ref	Freq	Value	Unit	Function
M1	1	39.658 54 GHz	4.61 dBm		39.658 542 586 MHz
T1	1	39.603 42 GHz	-1.49 dBm		39.757 959 948 GHz
T2	1	39.992 5 GHz	-5.80 dBm		2.040 052 126 MHz

Measuring...

03:34:44 01.09.2020



CP-OFDM Module 1



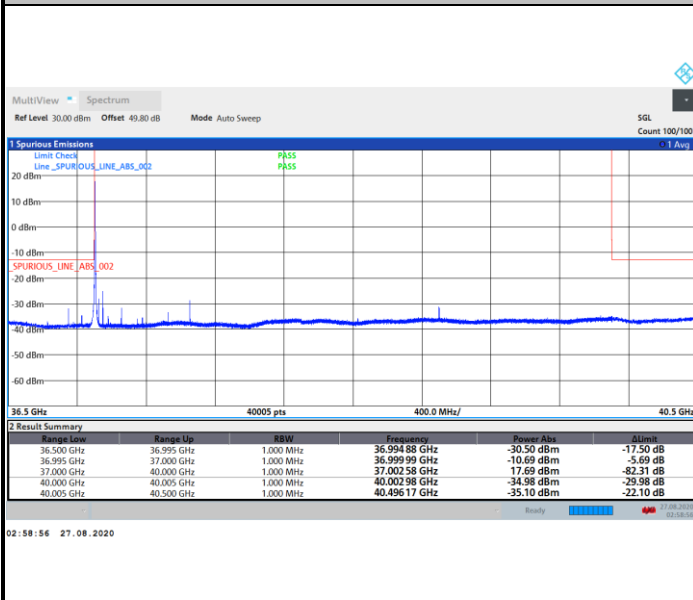
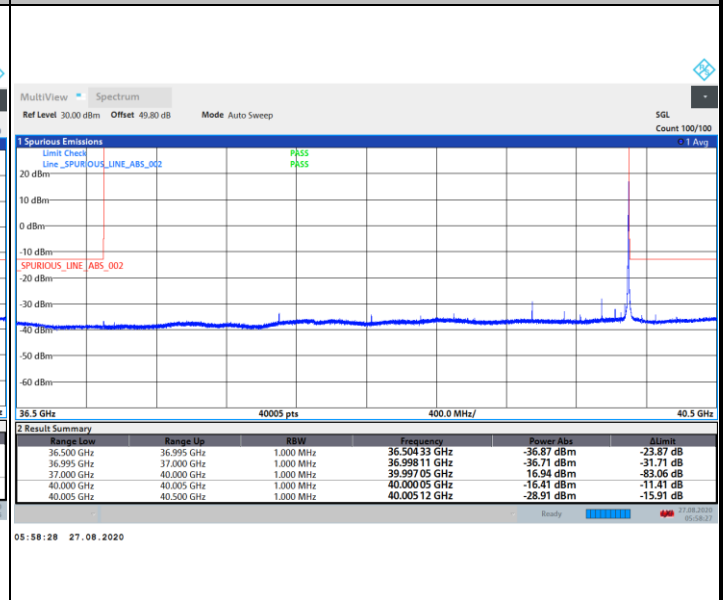
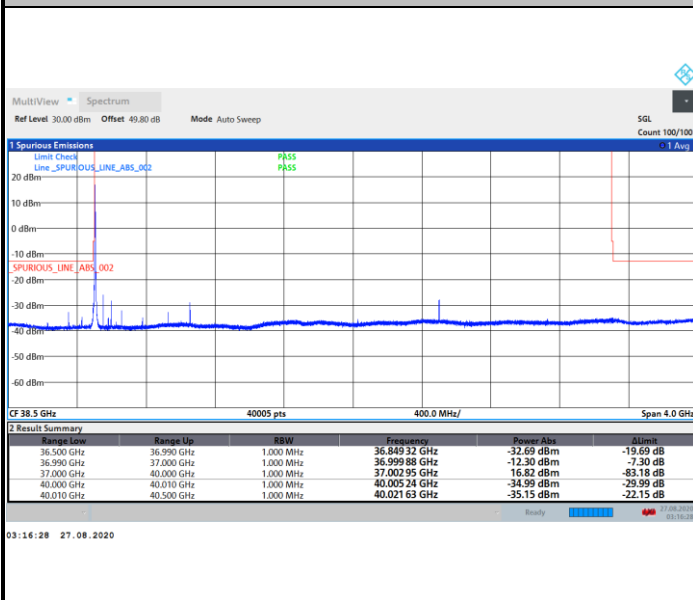
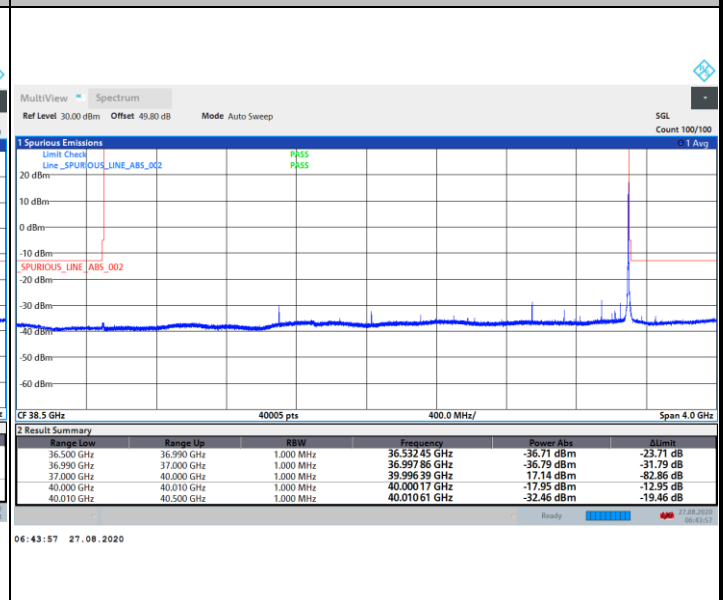
**Radiated Out of Band Emissions**

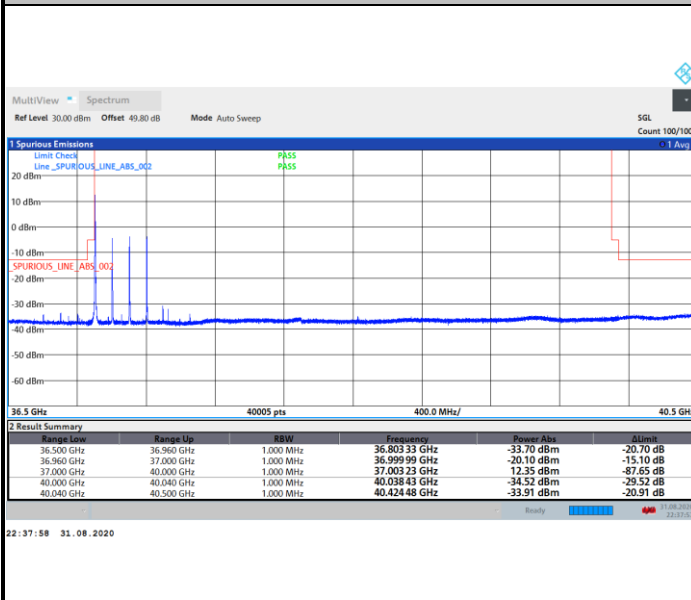
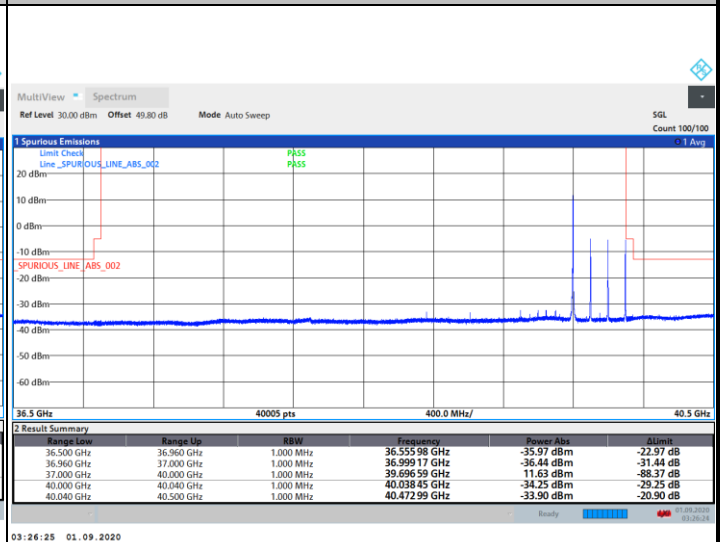
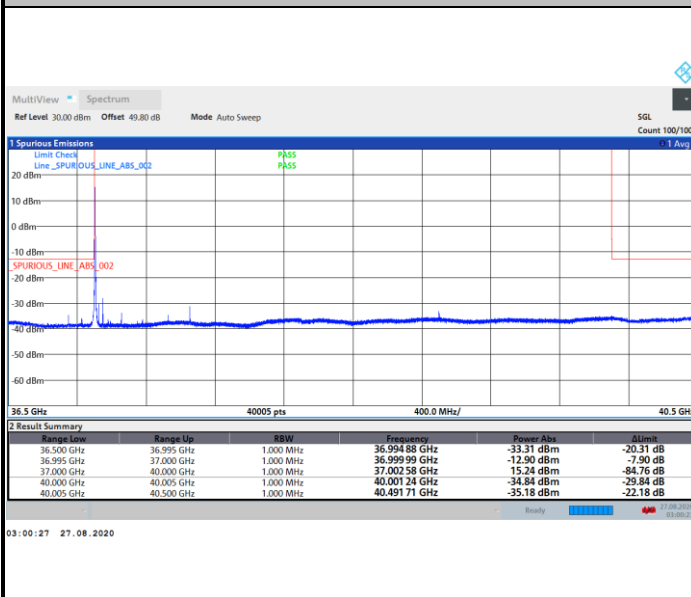
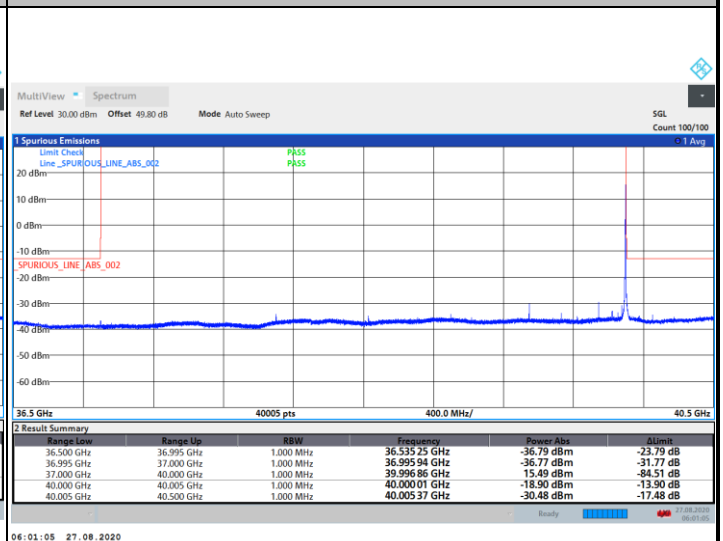
Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-10.69	-12.3	-20.1
	>10%OB	≤ -13	-30.5	-32.69	-33.7
High CH	0~10%OB	≤ -5	-16.41	-17.95	-34.93
	>10%OB	≤ -13	-28.91	-32.46	-33.73
Result			Compliance		

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) 1 RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-12.9	-16.64	-21.76
	>10%OB	≤ -13	-33.31	-34.38	-33.55
High CH	0~10%OB	≤ -5	-18.9	-18.78	-33.7
	>10%OB	≤ -13	-30.48	-33.52	-33.69
Result			Compliance		

Mode			DFT-s-OFDM Module 1 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-22.29	-28.44	-34.55
	>10%OB	≤ -13	-26.44	-32.16	-35.37
High CH	0~10%OB	≤ -5	-27.62	-30.77	-34.93
	>10%OB	≤ -13	-29.6	-31.68	-33.73
Result			Compliance		

Mode			CP-OFDM Module 1 NR Band n260 : BE (dBm) Full RB		
BW			50MHz	100MHz	400MHz
Limit (dBm)			QPSK	QPSK	QPSK
Low CH	0~10%OB	≤ -5	-23.72	-28.51	-34.72
	>10%OB	≤ -13	-28.03	-31.66	-35.95
High CH	0~10%OB	≤ -5	-27.08	-29.79	-33.13
	>10%OB	≤ -13	-28.88	-30.8	-32.9
Result			Compliance		

**DFT-s-OFDM Module 1****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****DFT-s-OFDM Module 1****NR Band n260 / 100MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB**

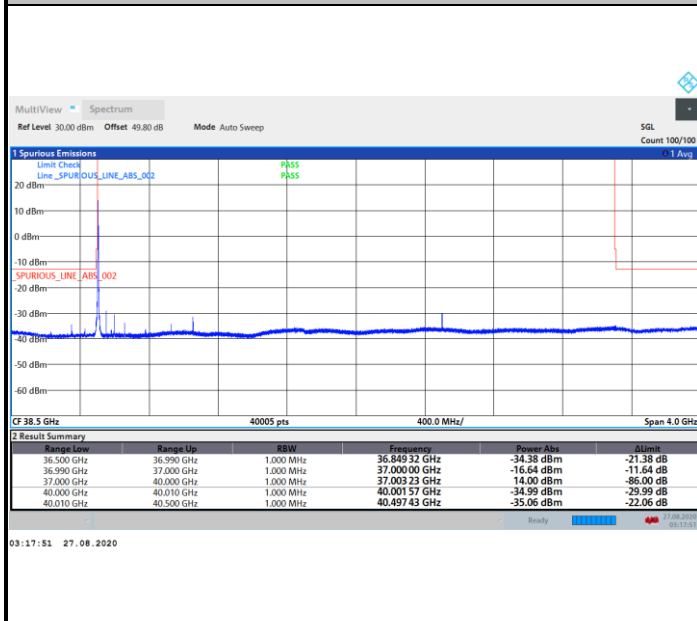
**DFT-s-OFDM Module 1****NR Band n260 / 400MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****CP-OFDM Module 1****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB**



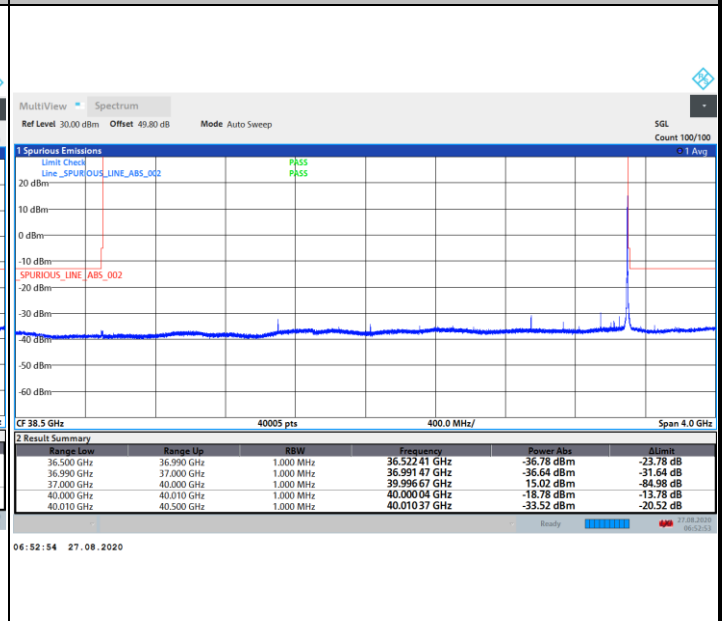
CP-OFDM Module 1

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / 1 RB



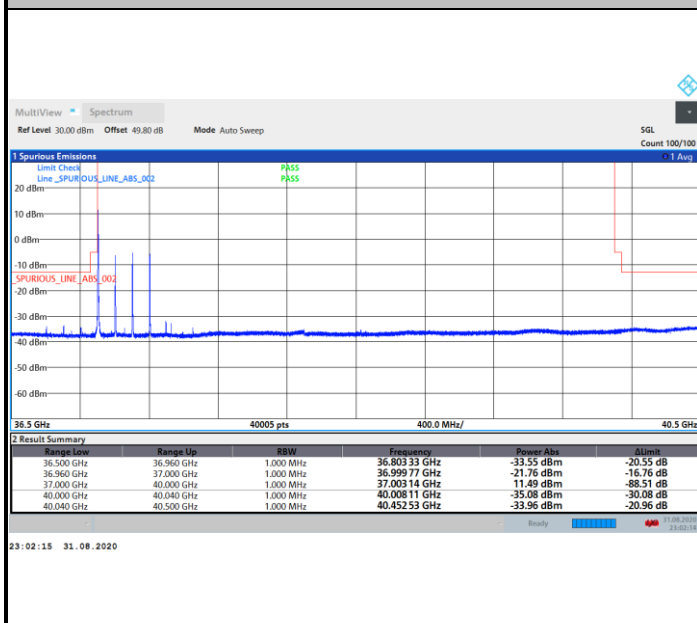
Highest Band Edge / 1 RB



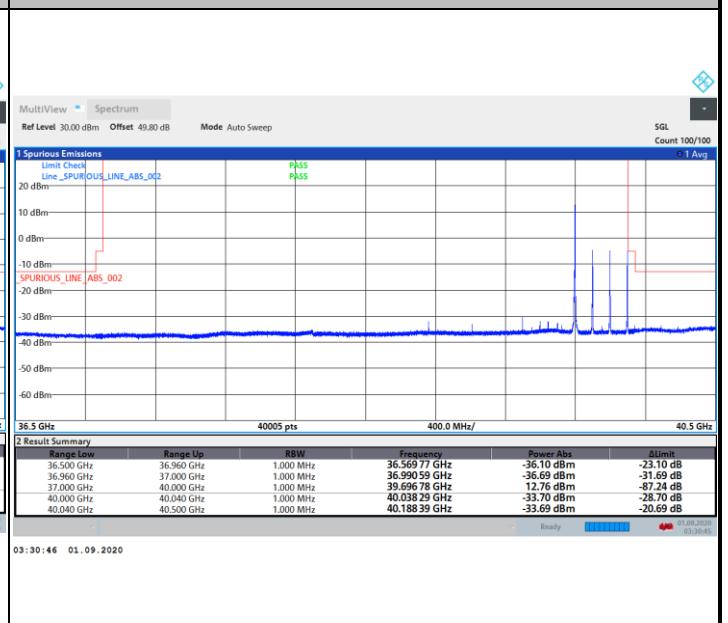
CP-OFDM Module 1

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / 1 RB



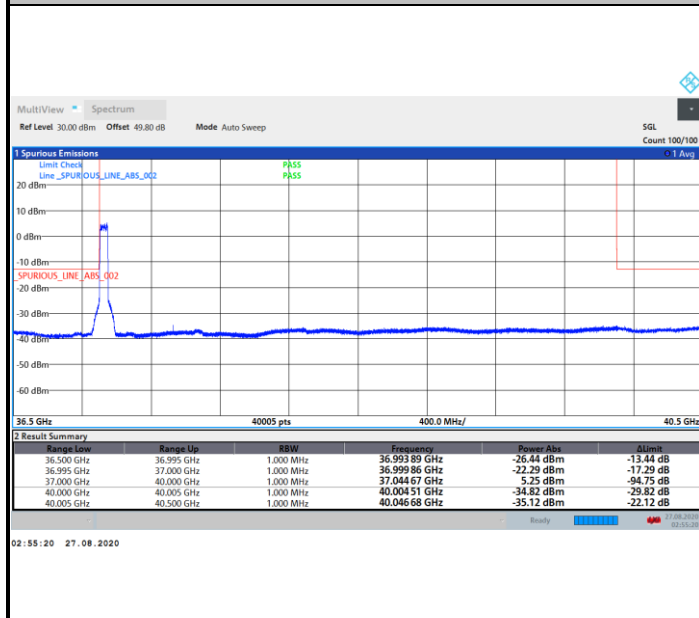
Highest Band Edge / 1 RB



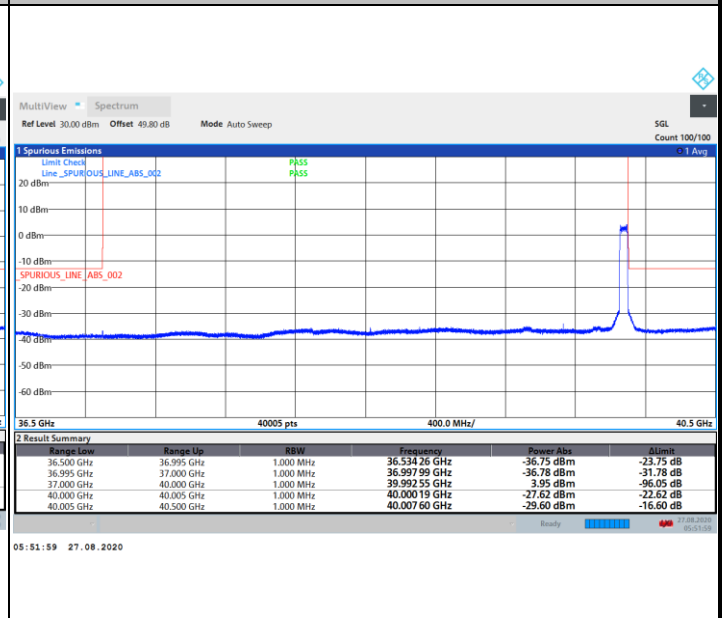
DFT-s-OFDM Module 1

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

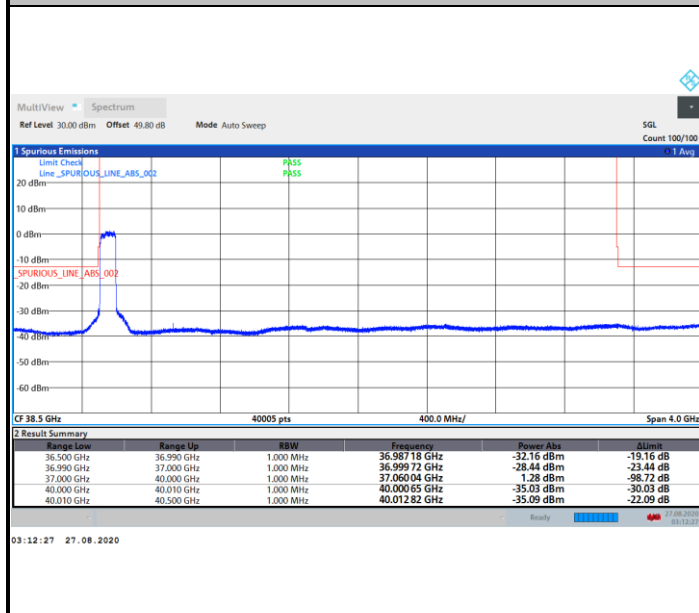


Highest Band Edge / Full RB

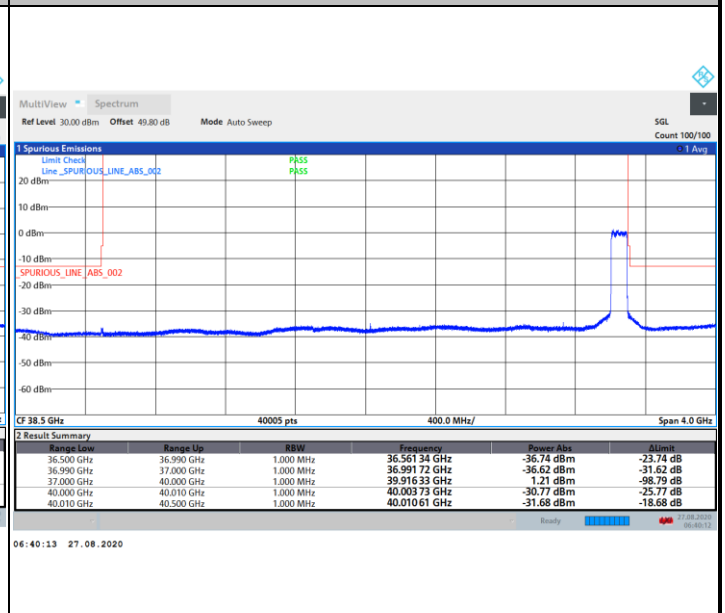
DFT-s-OFDM Module 1

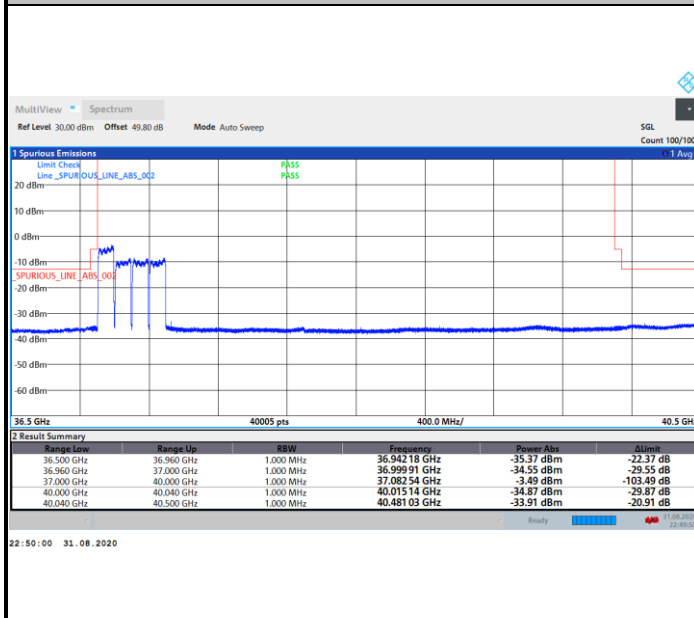
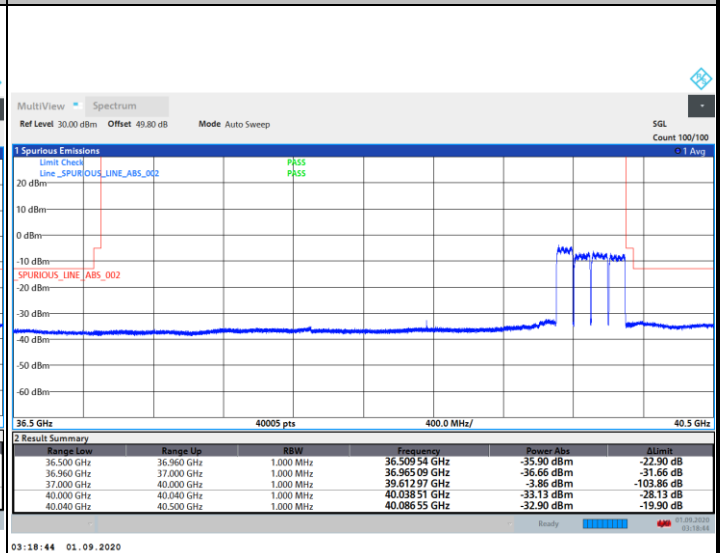
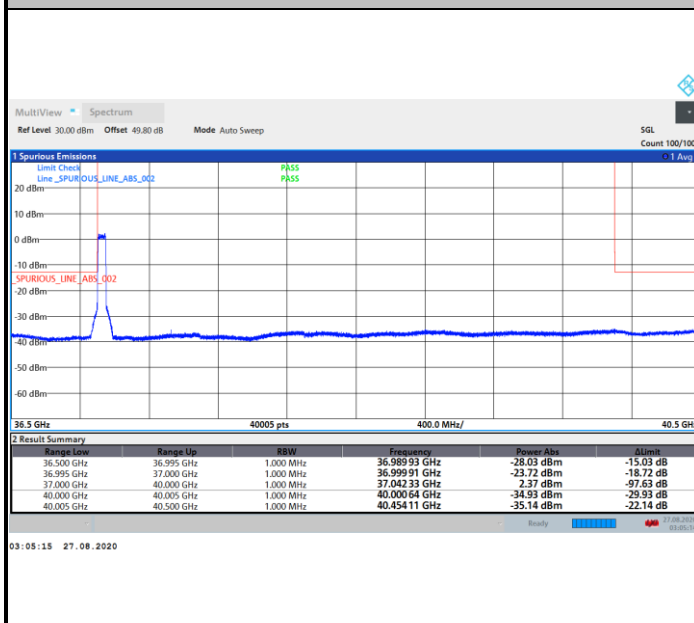
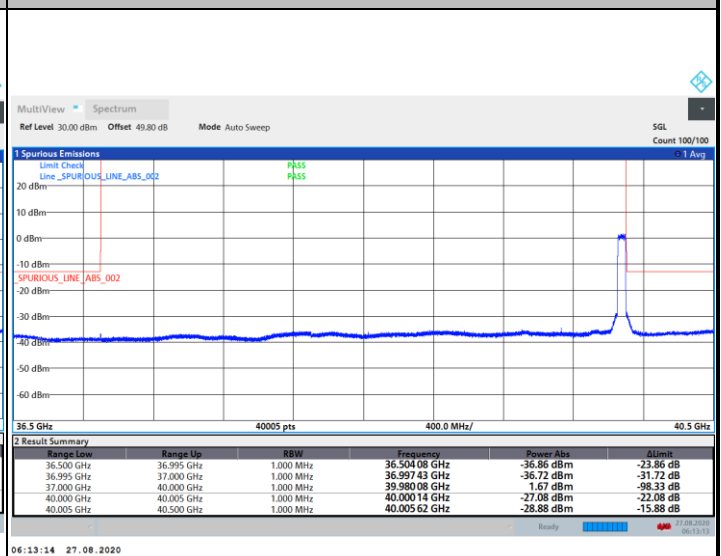
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



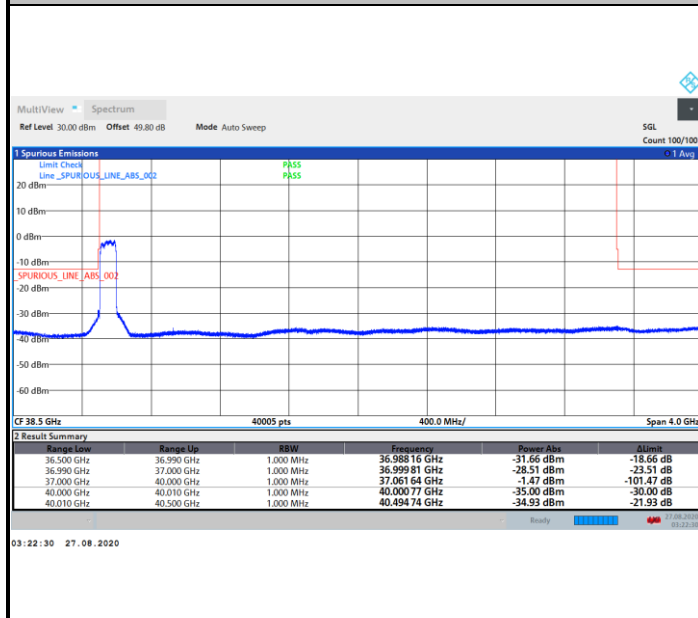
**DFT-s-OFDM Module 1****NR Band n260 / 400MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****CP-OFDM Module 1****NR Band n260 / 50MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



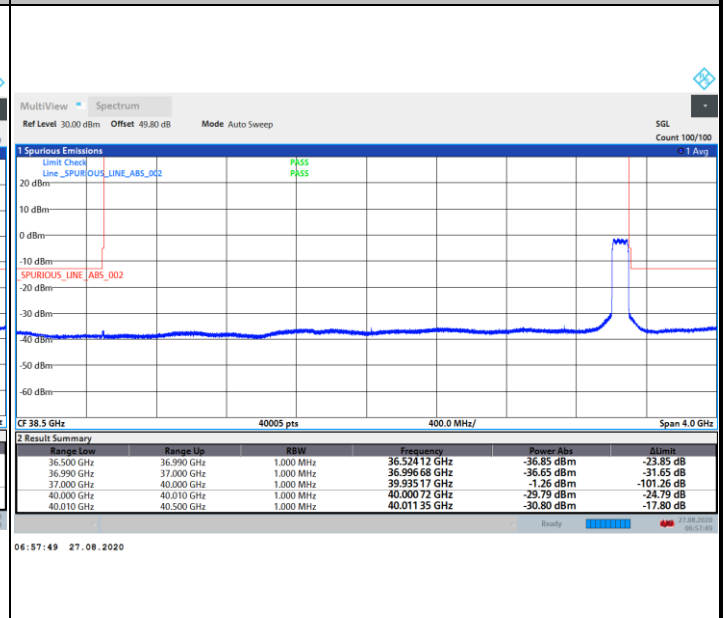
CP-OFDM Module 1

NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



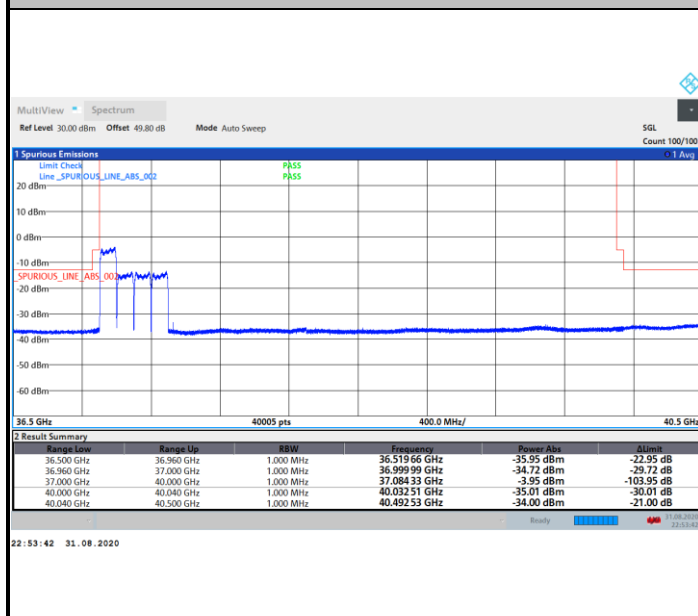
Highest Band Edge / Full RB



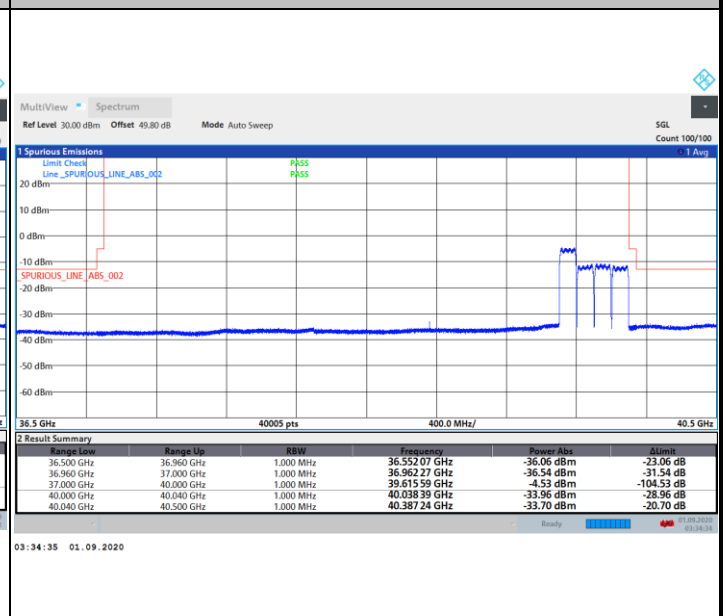
CP-OFDM Module 1

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

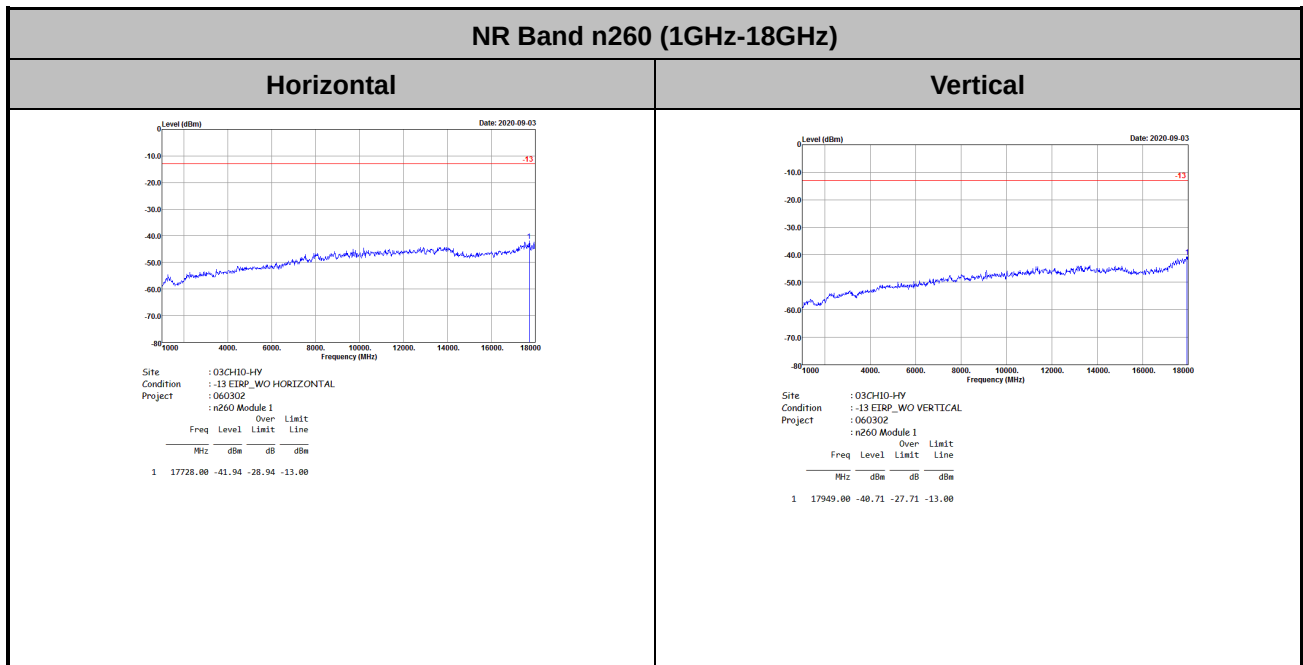
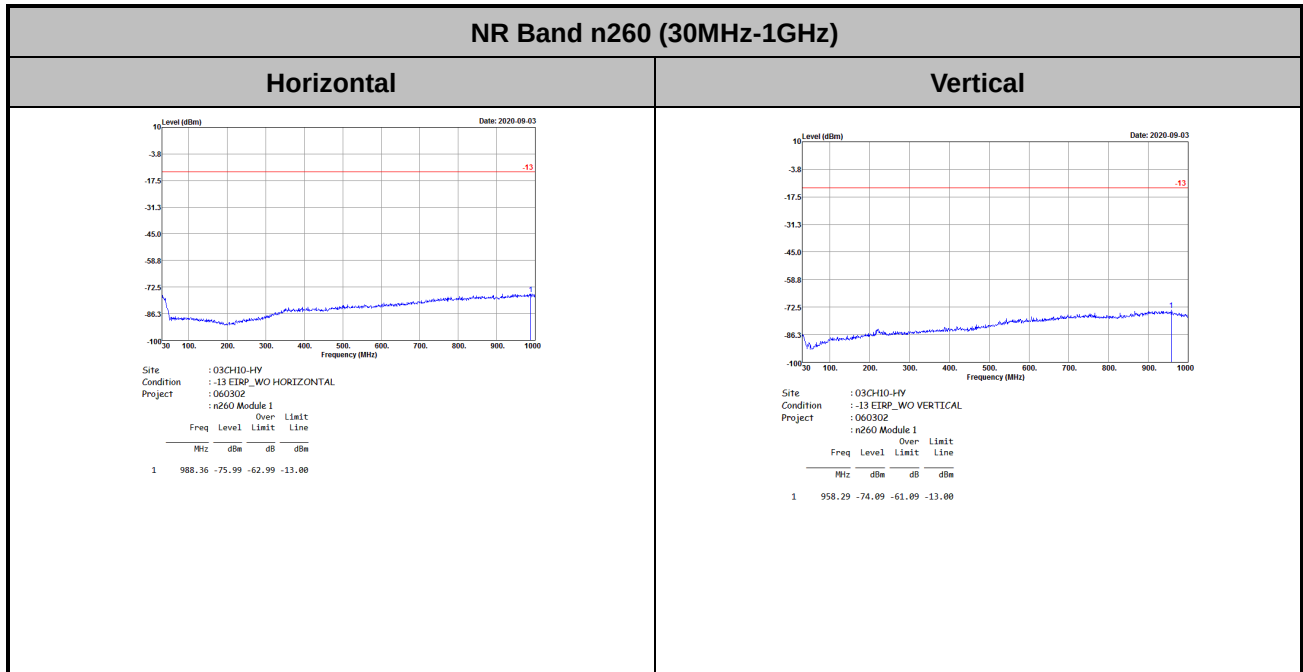


Highest Band Edge / Full RB



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 1