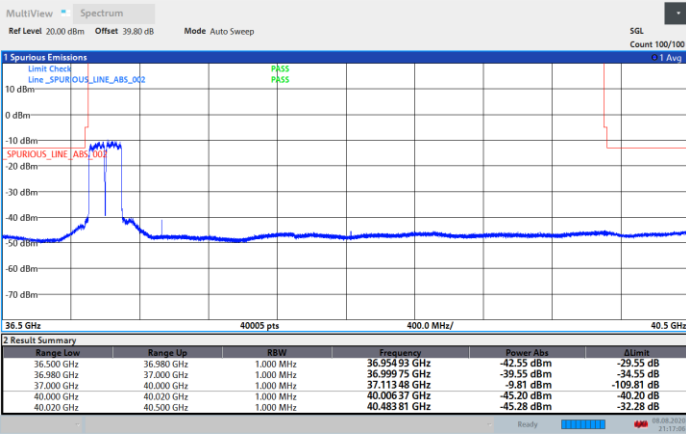




DFT-s-OFDM Module 1

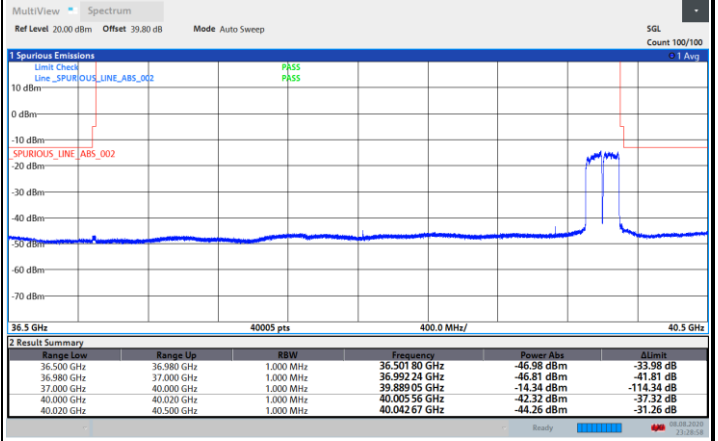
NR Band n260 / 200MHz / BPSK

Lowest Band Edge / Full RB



21:17:07 08.08.2020

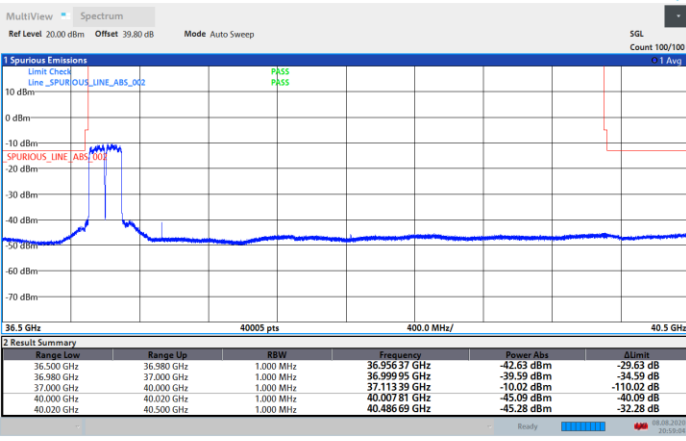
Highest Band Edge / Full RB



23:28:59 08.08.2020

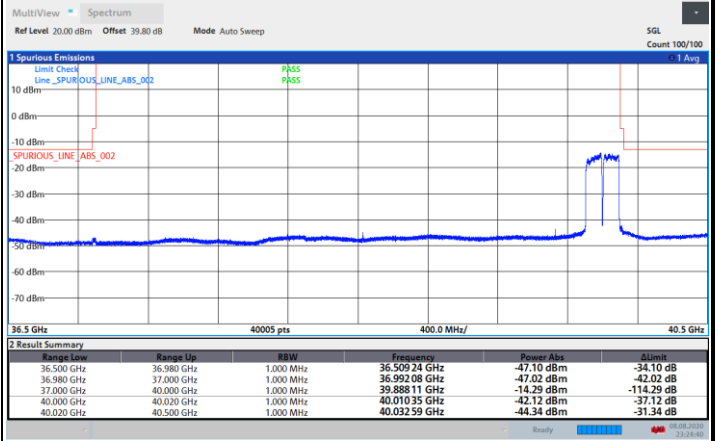
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



20:59:05 08.08.2020

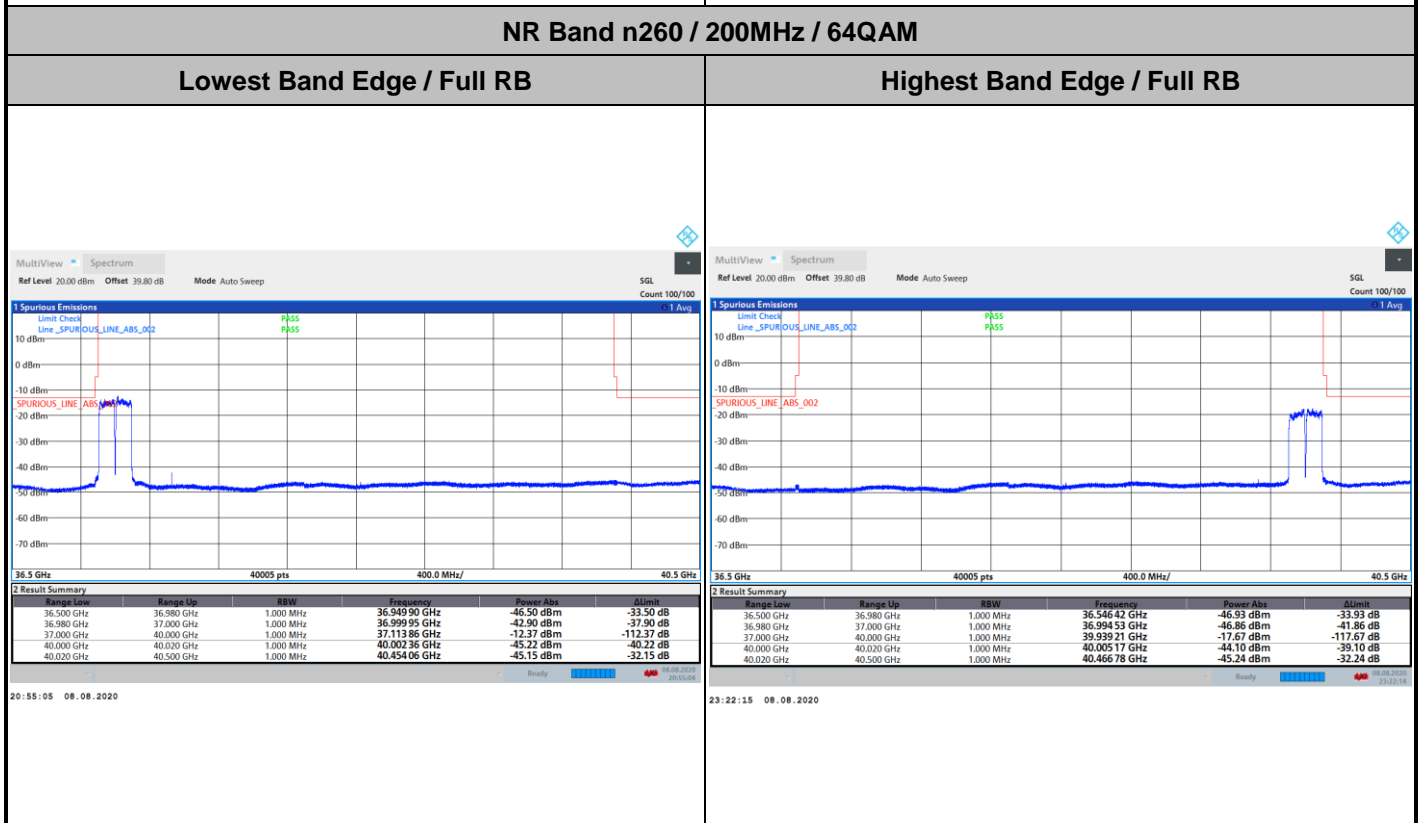
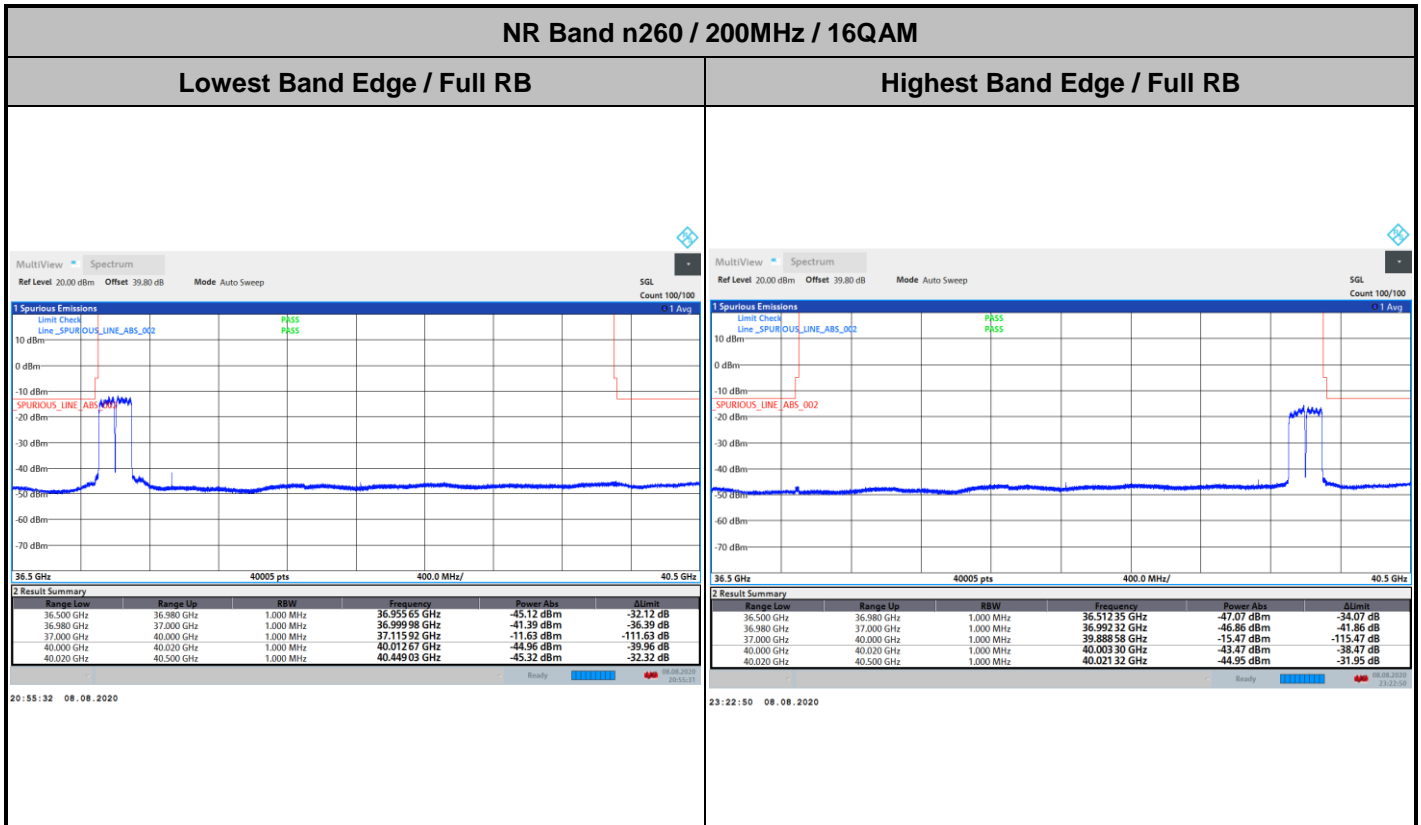
Highest Band Edge / Full RB



23:24:40 08.08.2020



DFT-s-OFDM Module 1



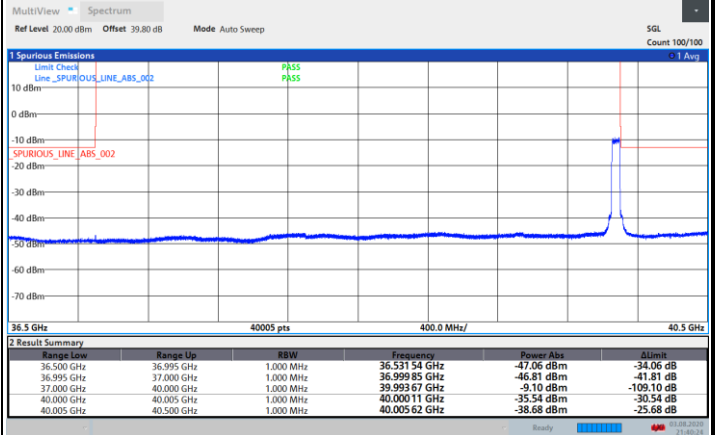
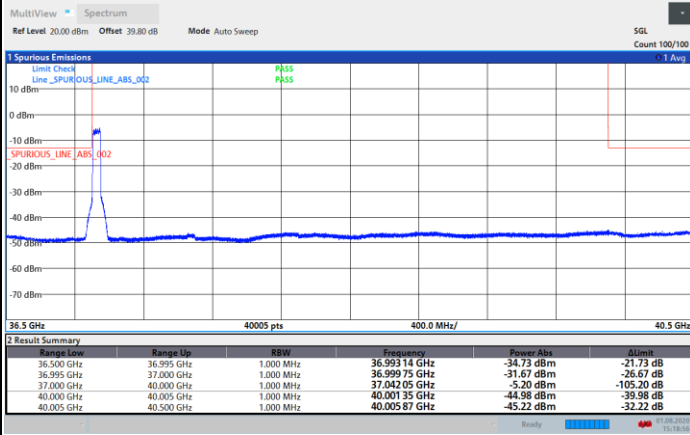


CP-OFDM Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

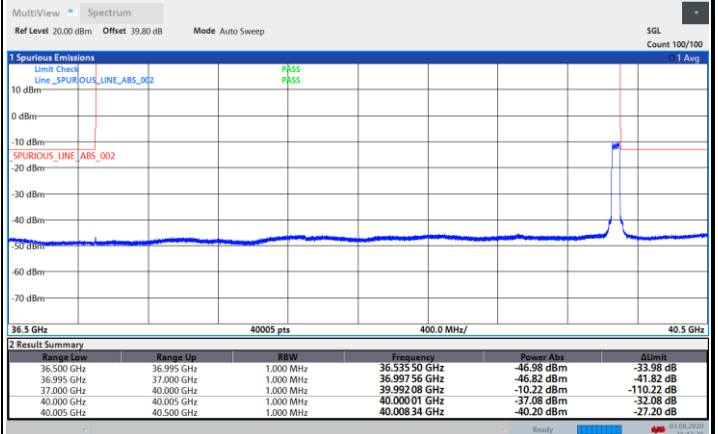
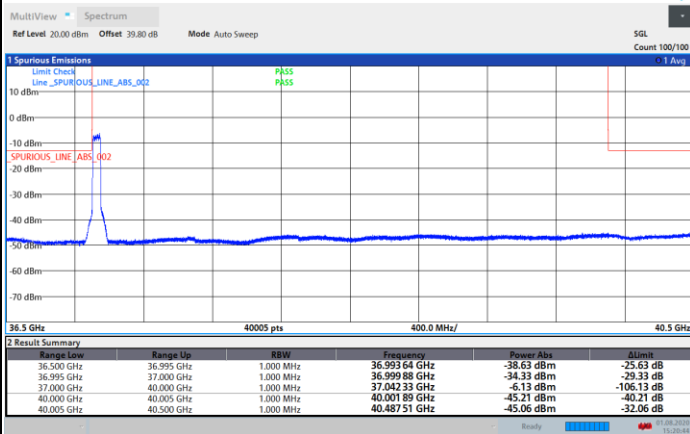
Highest Band Edge / Full RB



NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





CP-OFDM Module 0

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

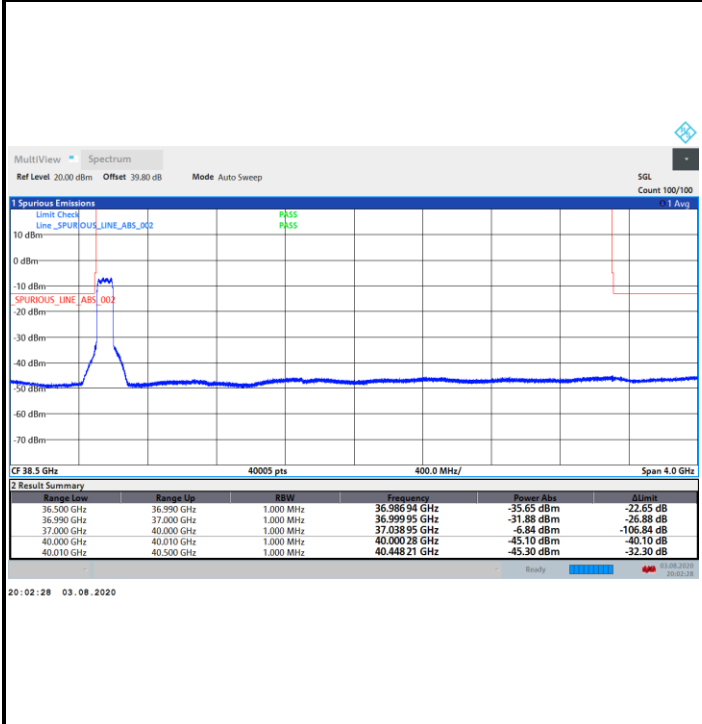


Highest Band Edge / Full RB

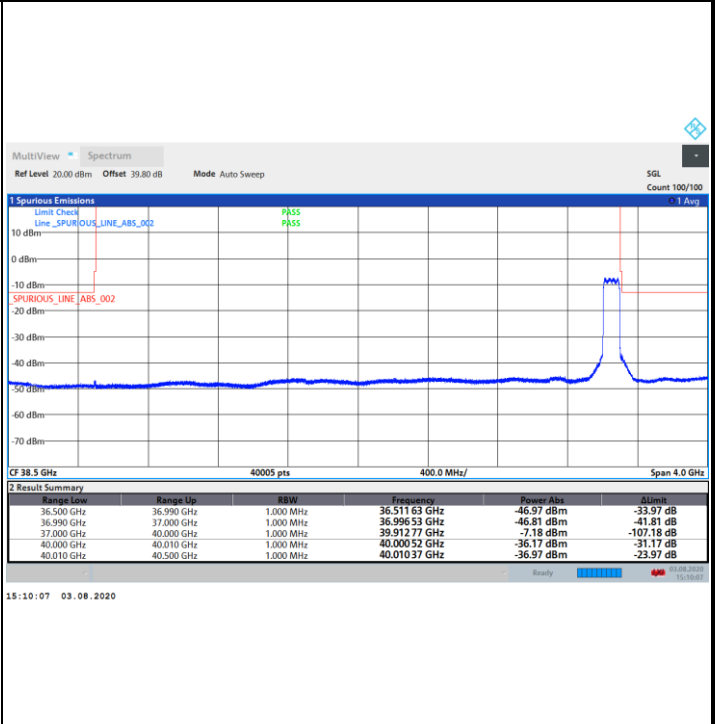


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

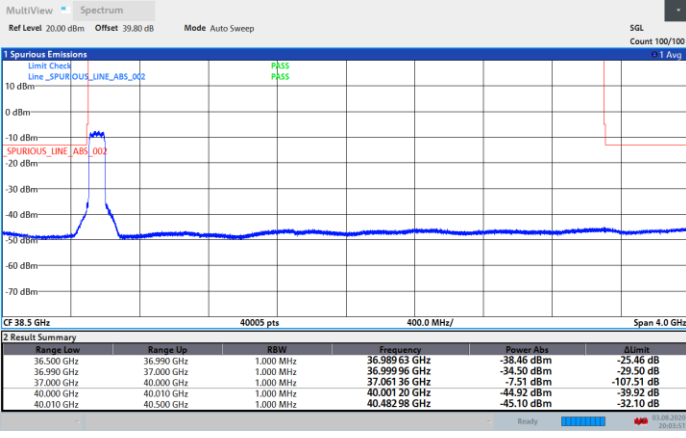




CP-OFDM Module 0

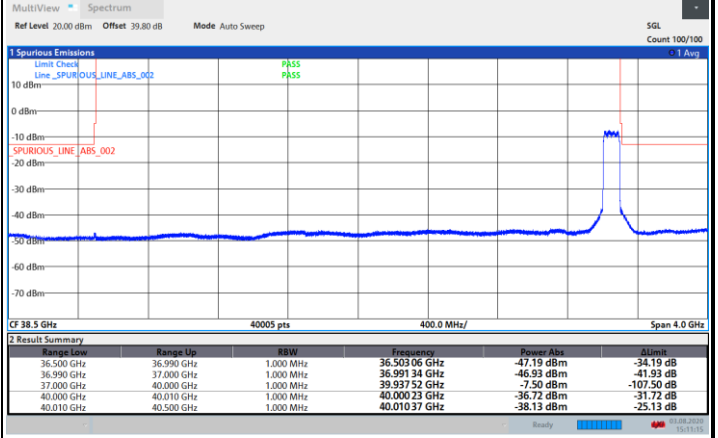
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



20:03:51 03.08.2020

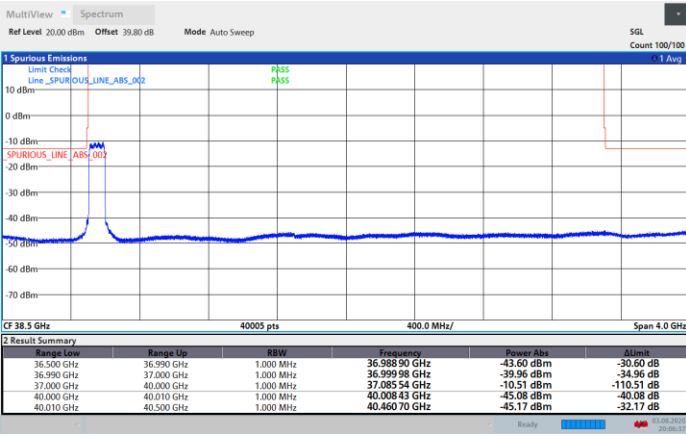
Highest Band Edge / Full RB



15:11:16 03.08.2020

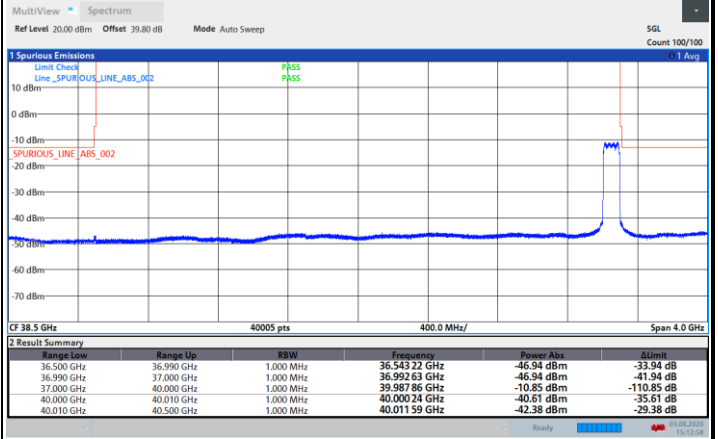
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



20:06:38 03.08.2020

Highest Band Edge / Full RB



15:12:59 03.08.2020

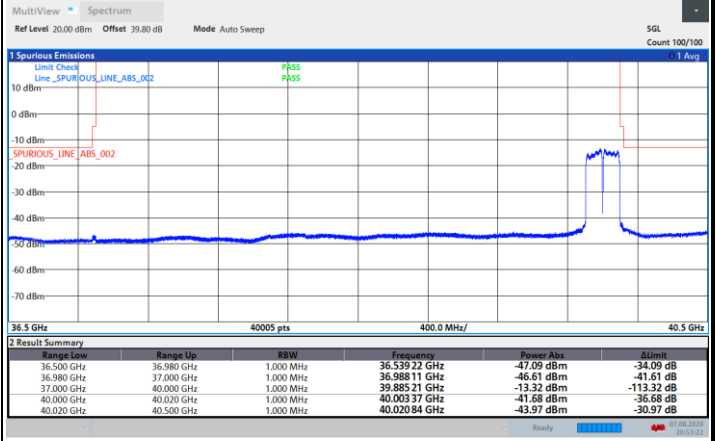
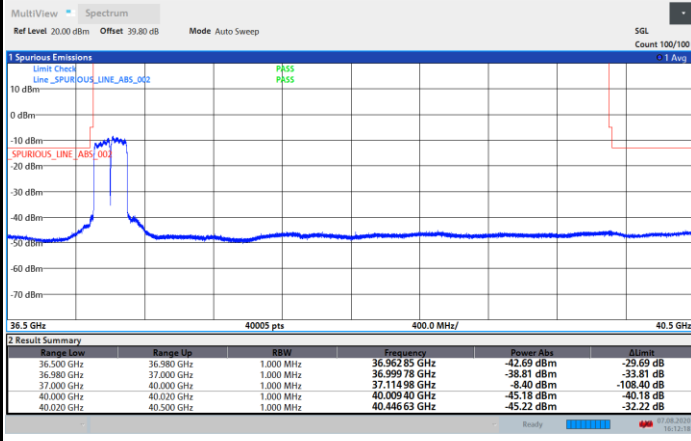


CP-OFDM Module 0

NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB

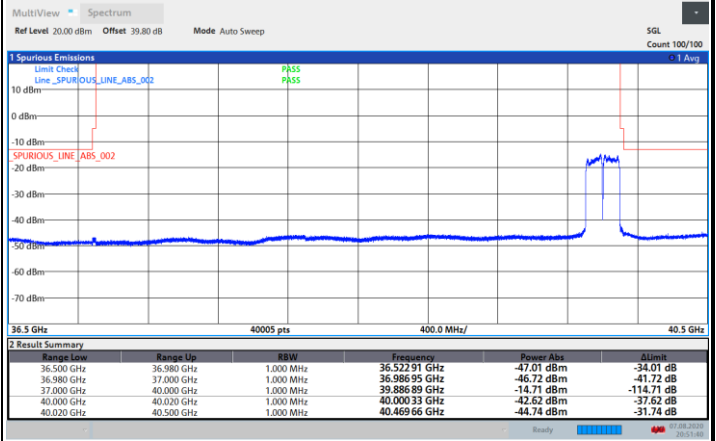
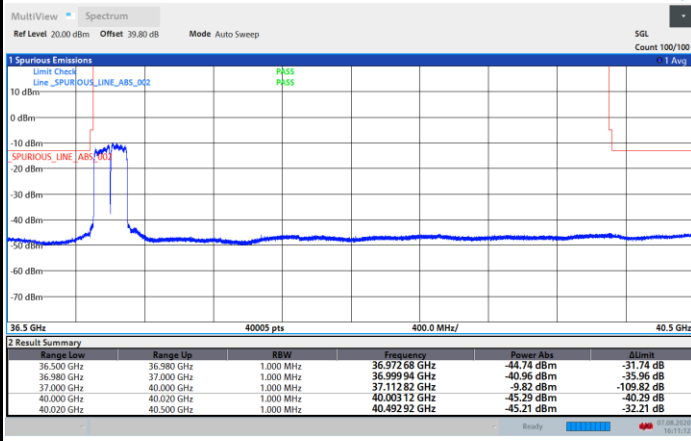
Highest Band Edge / Full RB



NR Band n260 / 200MHz / 16QAM

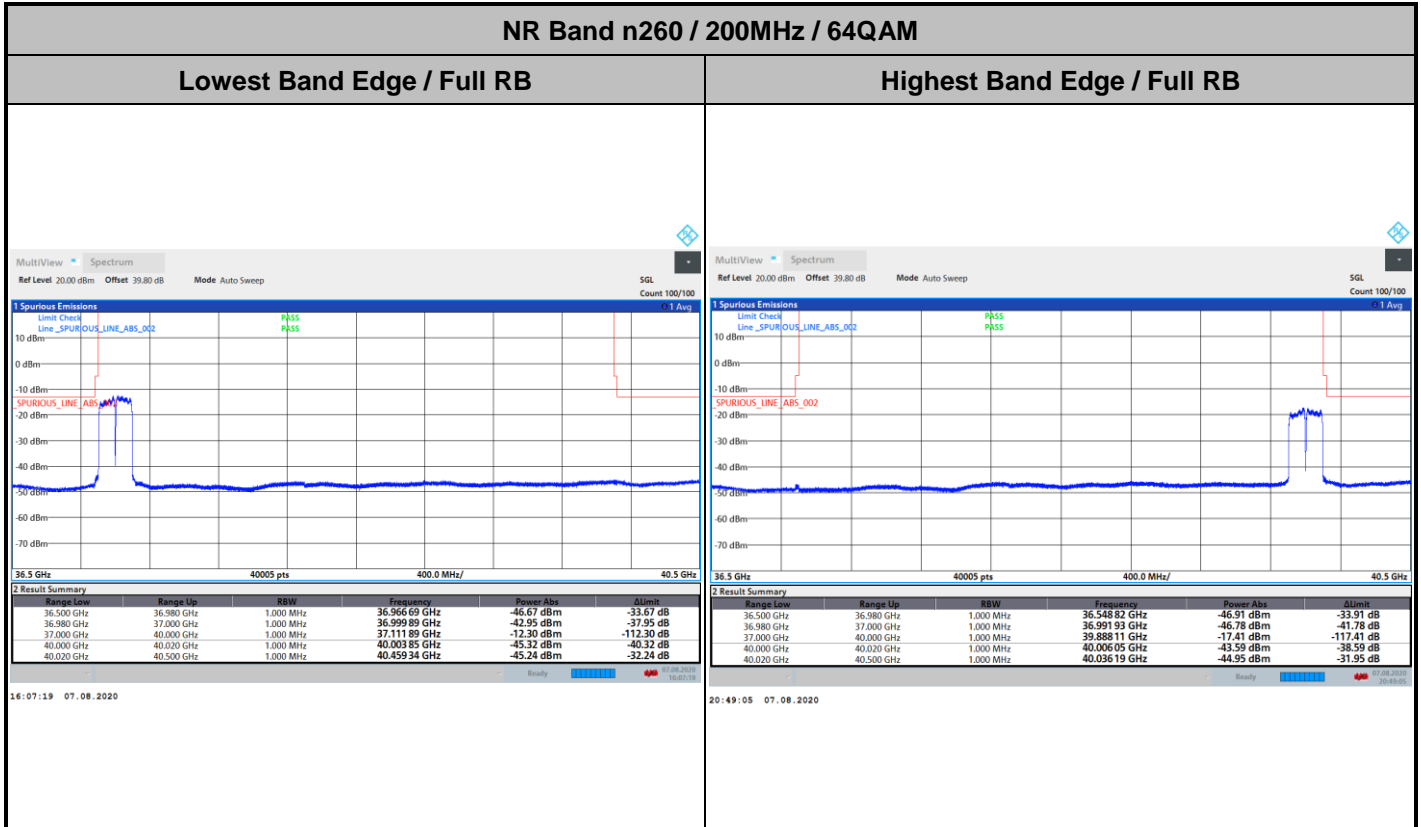
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





CP-OFDM Module 0

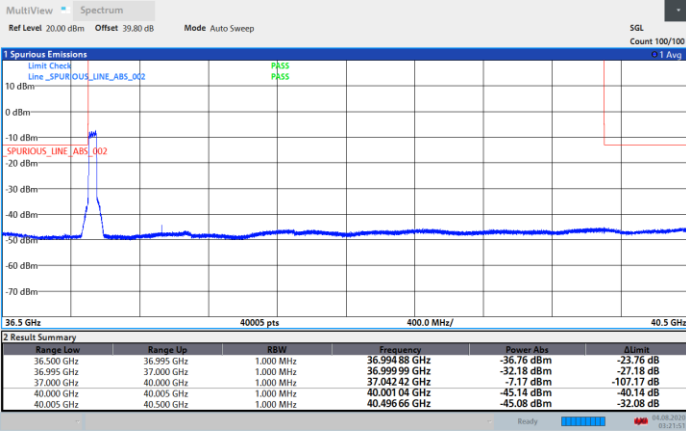




CP-OFDM Module 1

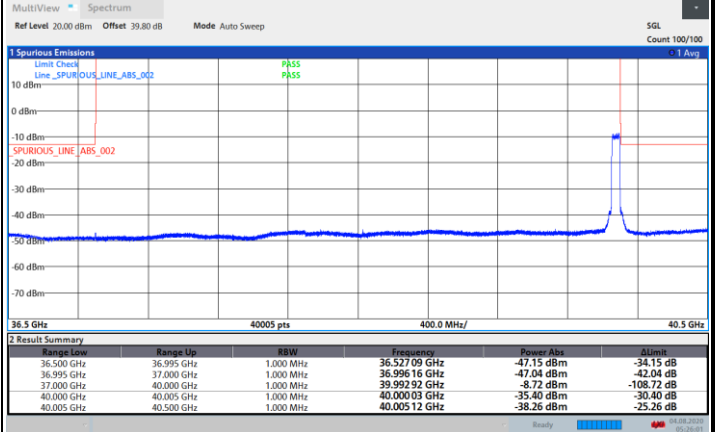
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



03:21:52 04.08.2020

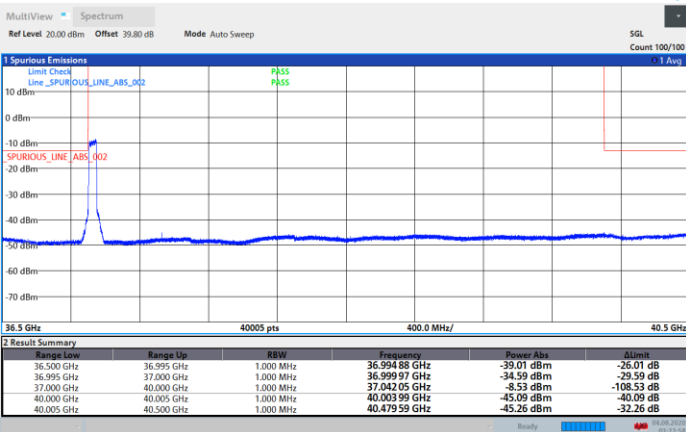
Highest Band Edge / Full RB



05:26:02 04.08.2020

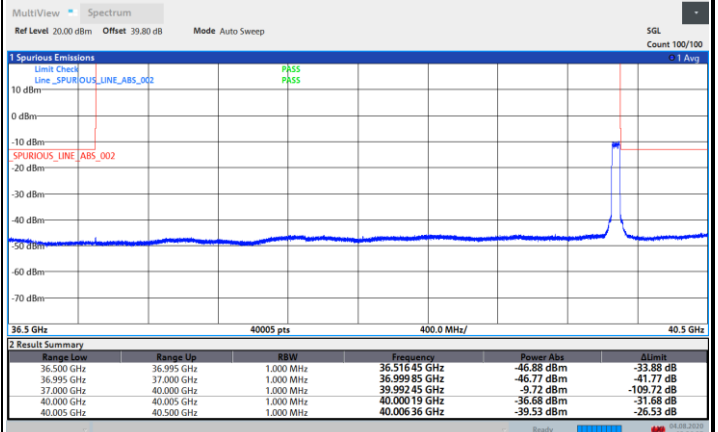
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



03:22:58 04.08.2020

Highest Band Edge / Full RB



05:26:37 04.08.2020

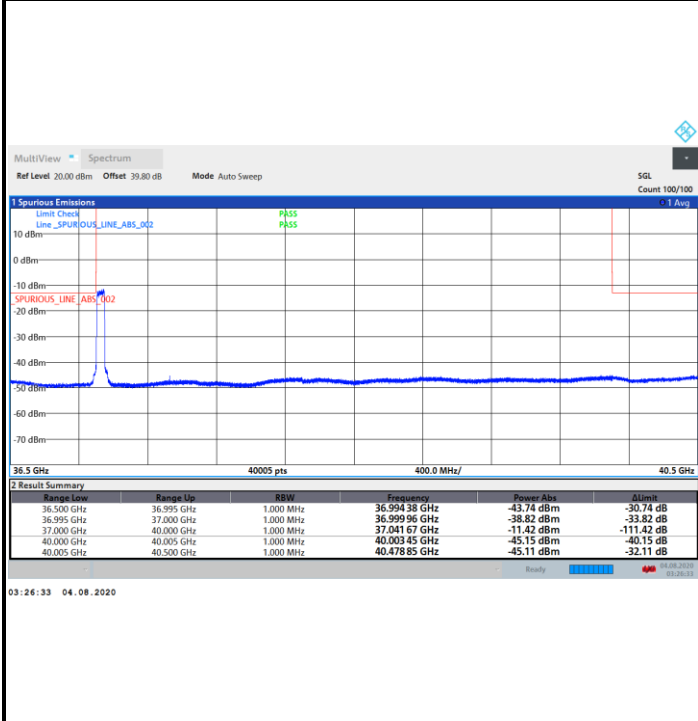




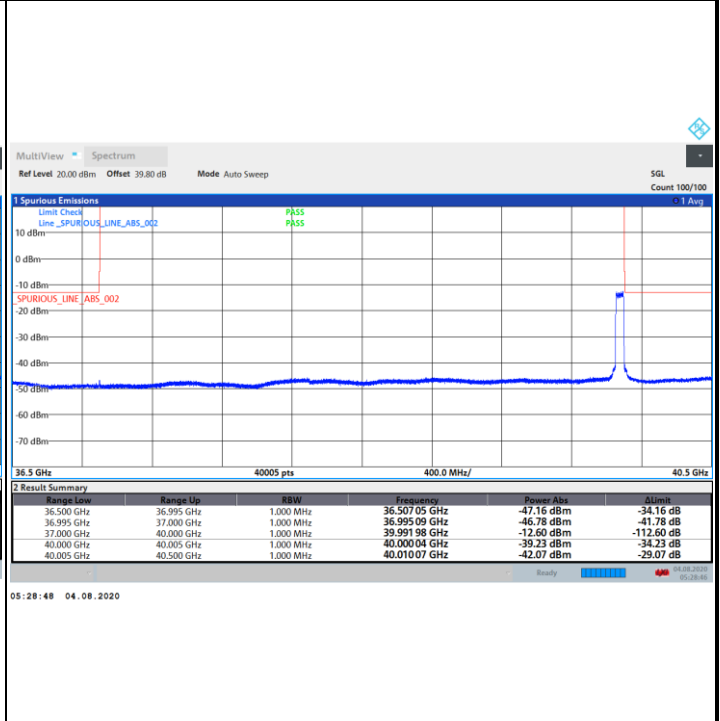
CP-OFDM Module 1

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

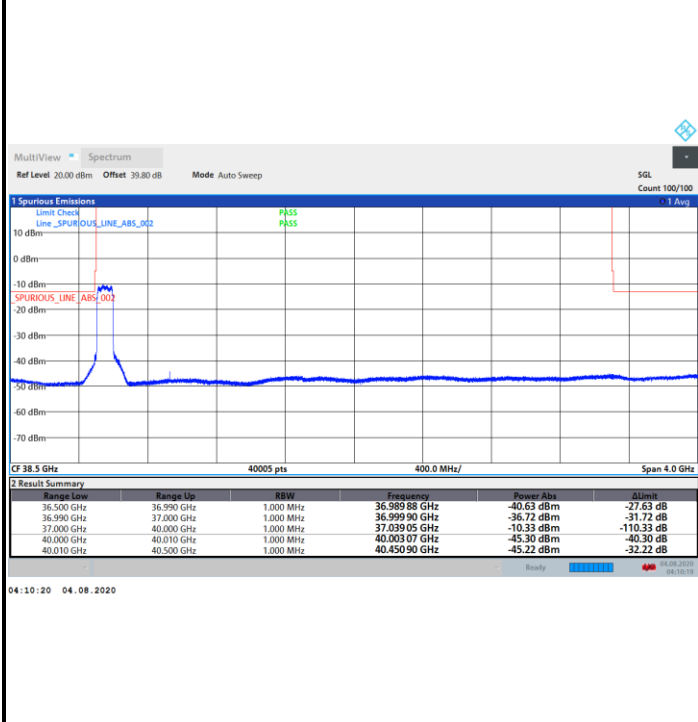


Highest Band Edge / Full RB

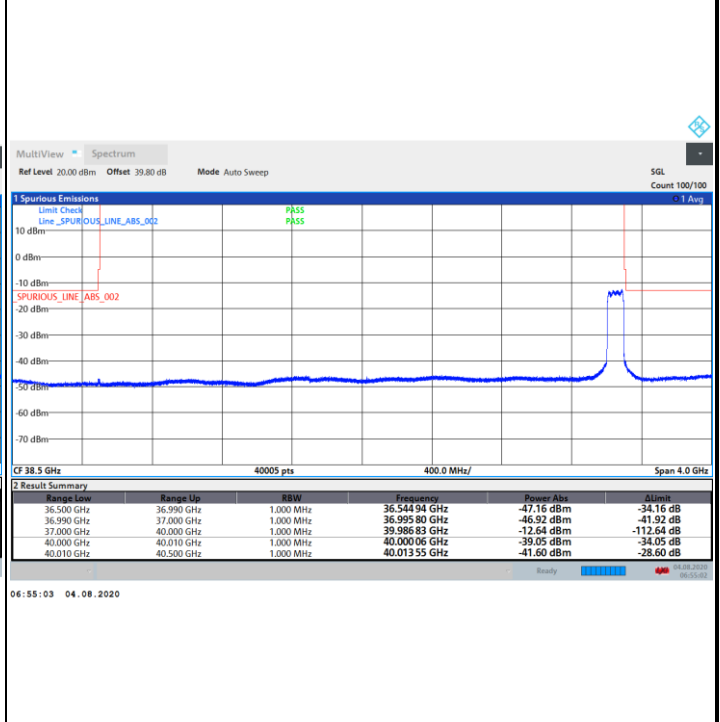


NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

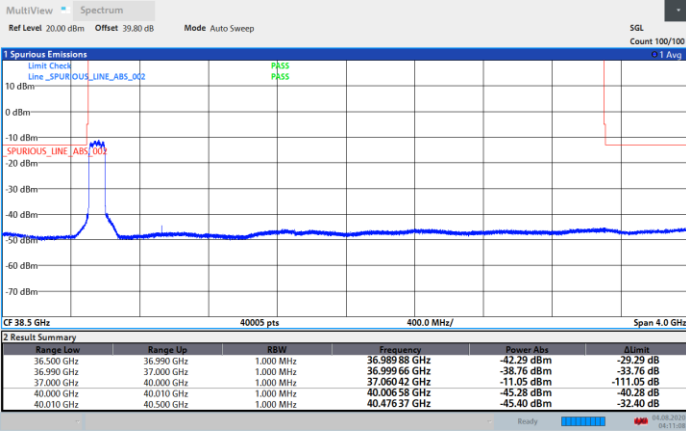




CP-OFDM Module 1

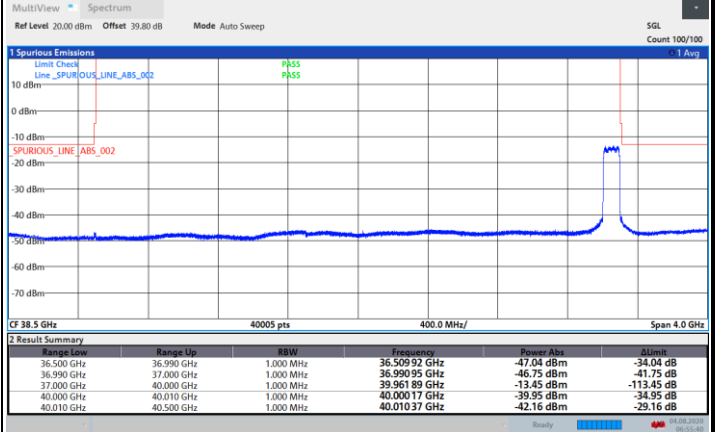
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



04:11:09 04.08.2020

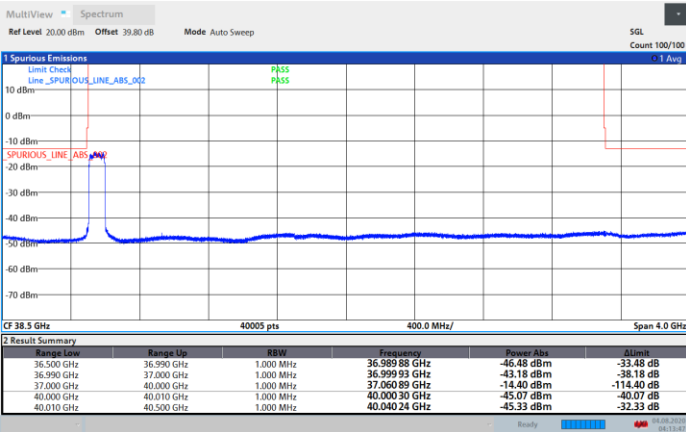
Highest Band Edge / Full RB



06:55:41 04.08.2020

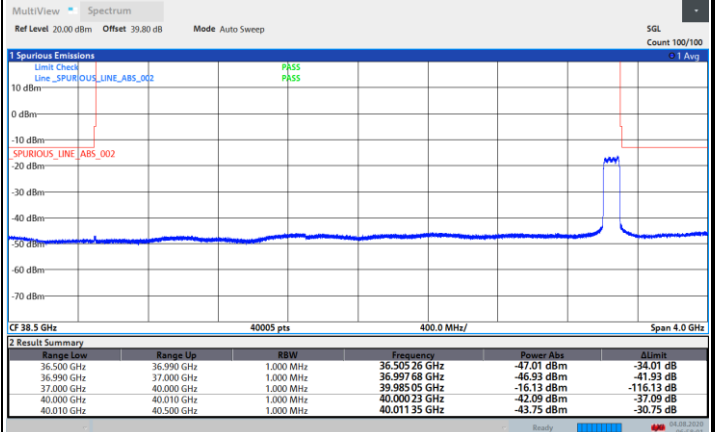
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



04:13:48 04.08.2020

Highest Band Edge / Full RB



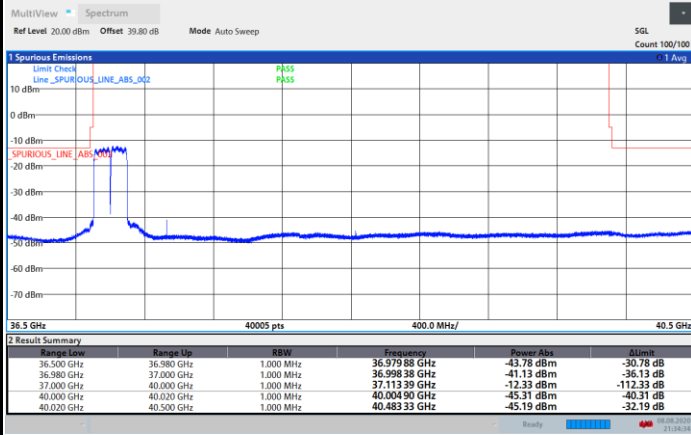
06:58:02 04.08.2020



CP-OFDM Module 1

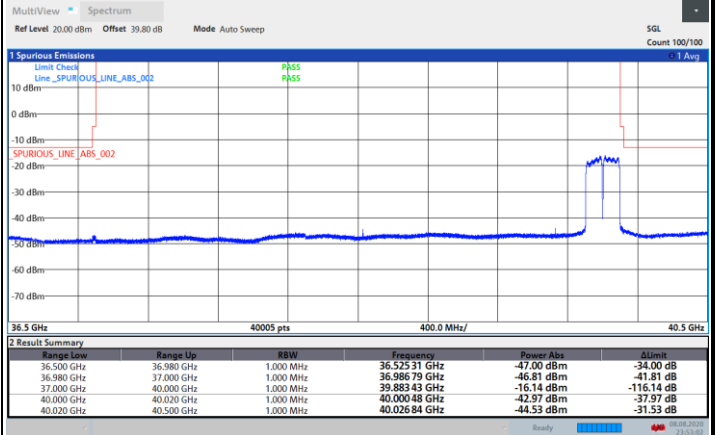
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



21:34:35 08.08.2020

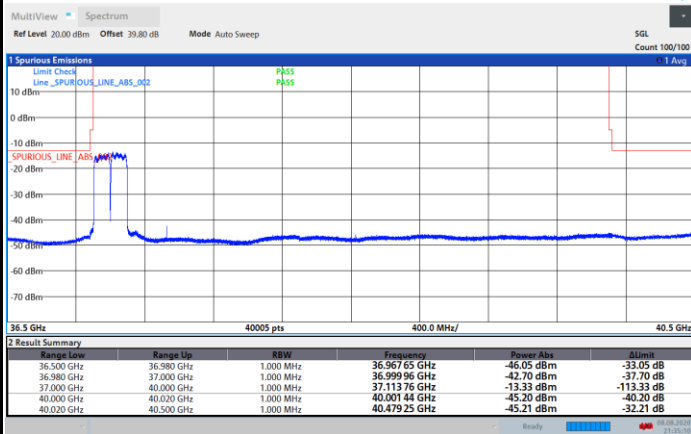
Highest Band Edge / Full RB



23:53:02 08.08.2020

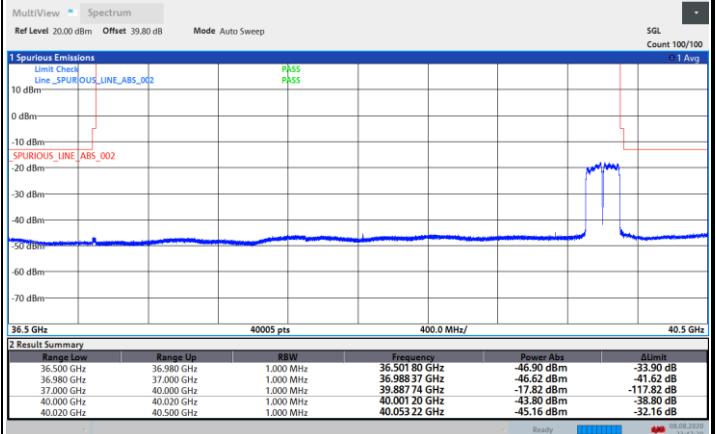
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



21:35:11 08.08.2020

Highest Band Edge / Full RB



23:47:31 08.08.2020

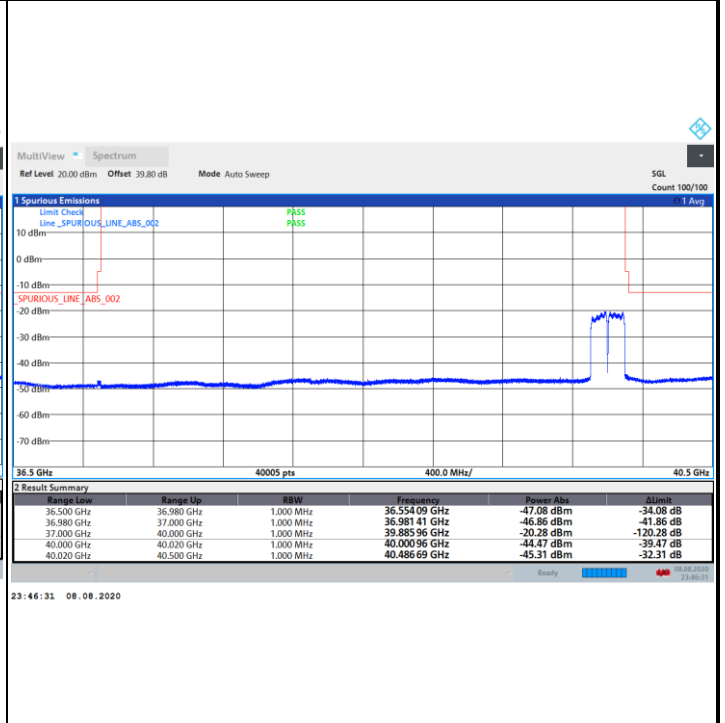


CP-OFDM Module 1

NR Band n260 / 200MHz / 64QAM

Lowest Band Edge / Full RB

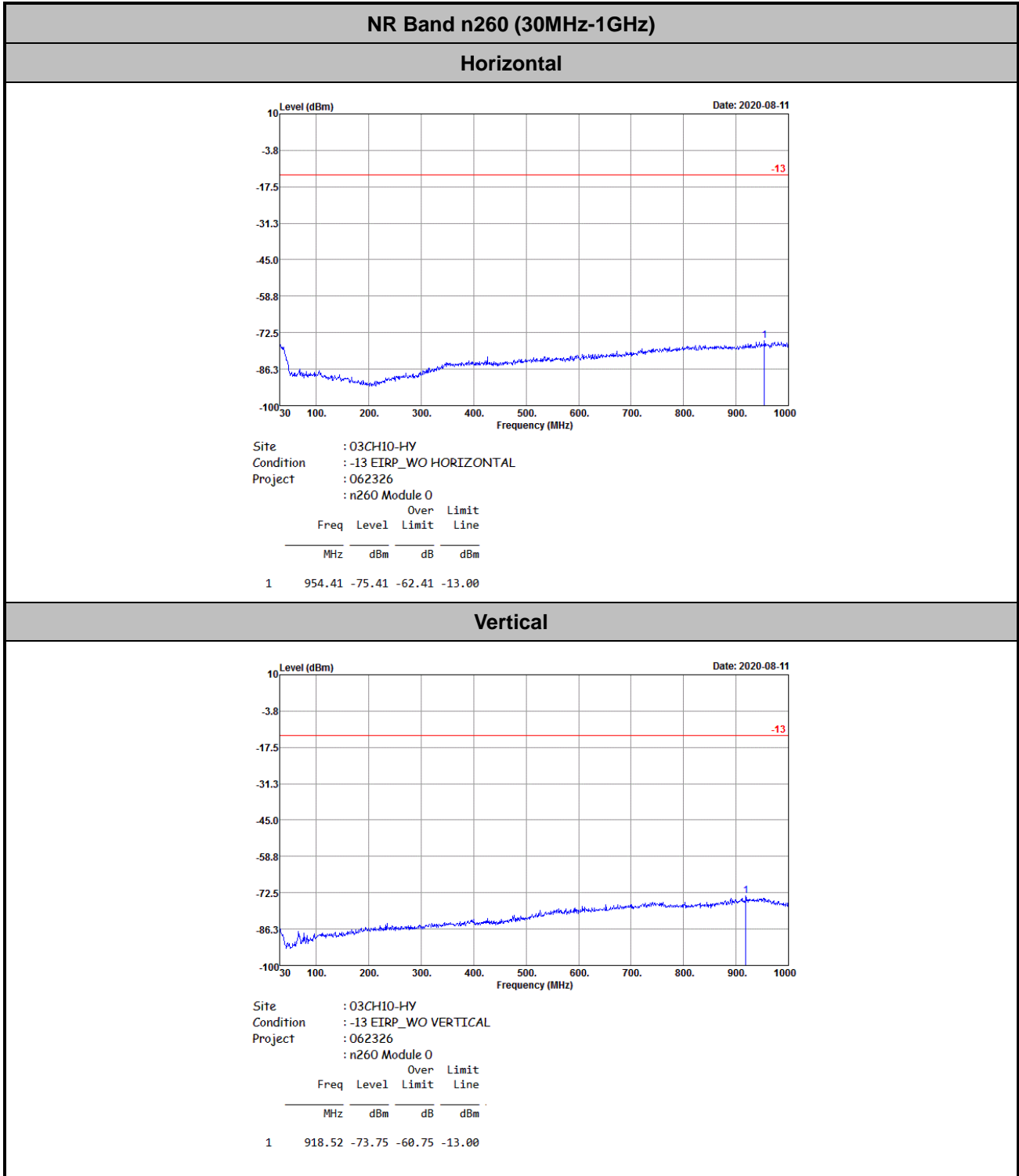
Highest Band Edge / Full RB





# Spurious Emission

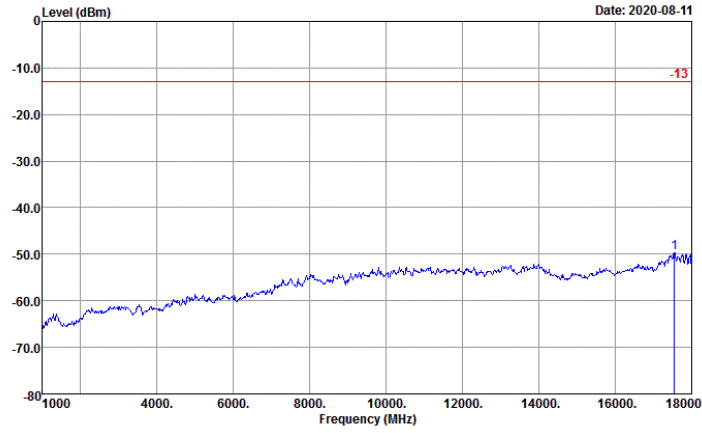
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz. Only the noise floor is reported.





NR Band n260 (1GHz-18GHz)

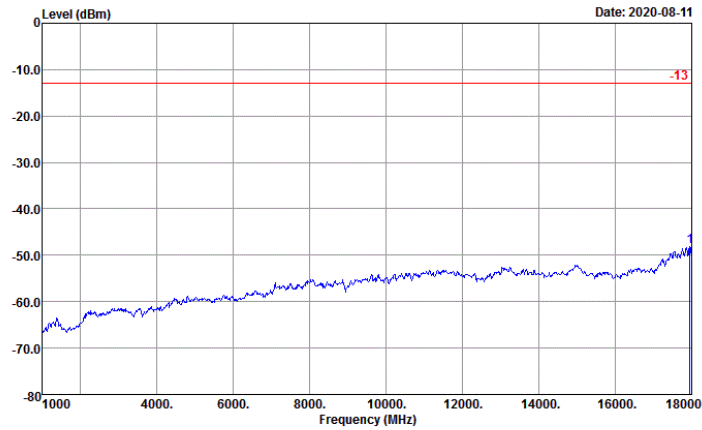
Horizontal



Site : 03CH10-HY  
 Condition : -13 EIRP\_WO HORIZONTAL  
 Project : 062326

Freq	Level	Over Limit	
		Limit	Line
MHz	dBm	dB	dBm
1 17541.00	-49.65	-36.65	-13.00

Vertical



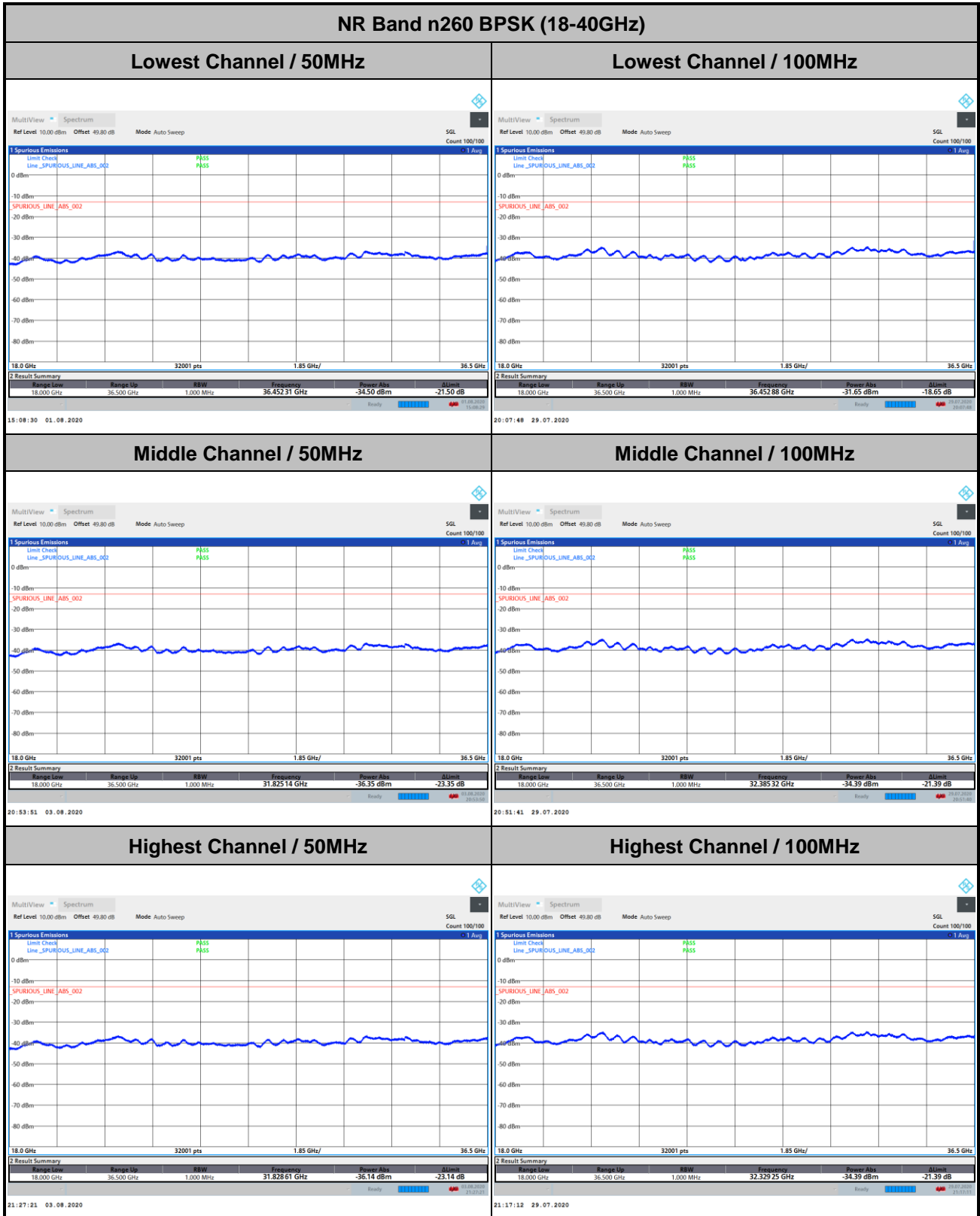
Site : 03CH10-HY  
 Condition : -13 EIRP\_WO VERTICAL  
 Project : 062326

Freq	Level	Over Limit	
		Limit	Line
MHz	dBm	dB	dBm
1 17949.00	-48.06	-35.06	-13.00



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

DFT-s-OFDM Module 0

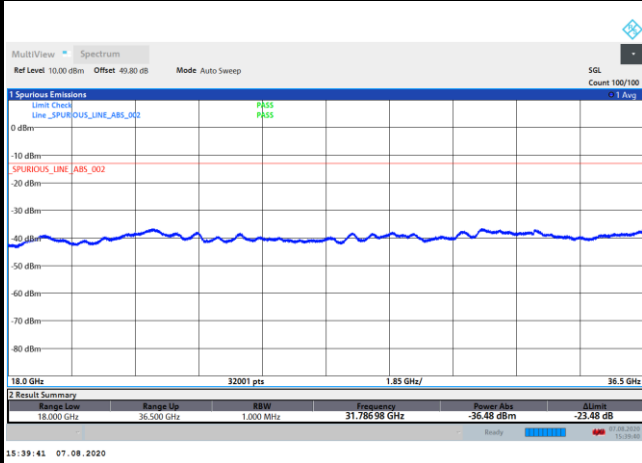




DFT-s-OFDM Module 0

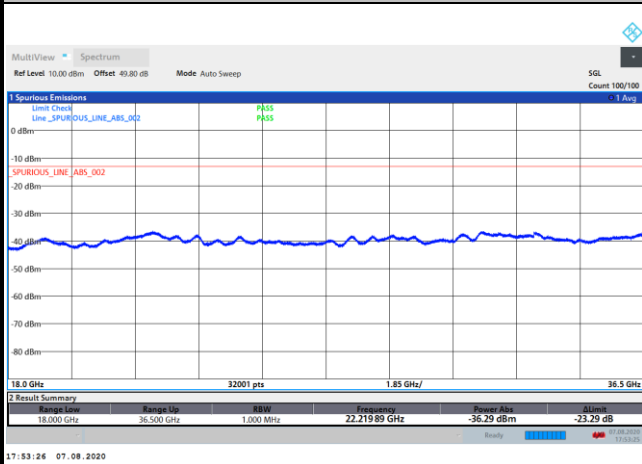
NR Band n260 BPSK (18-40GHz)

Lowest Channel / 200MHz



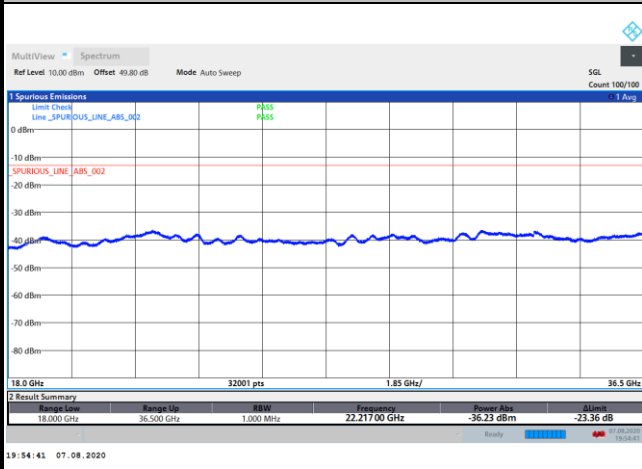
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

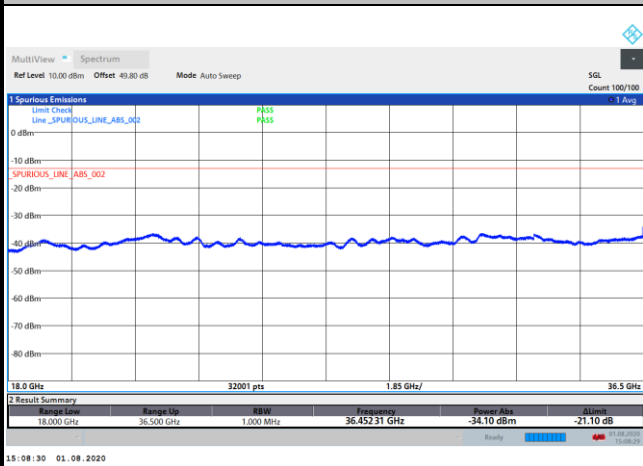




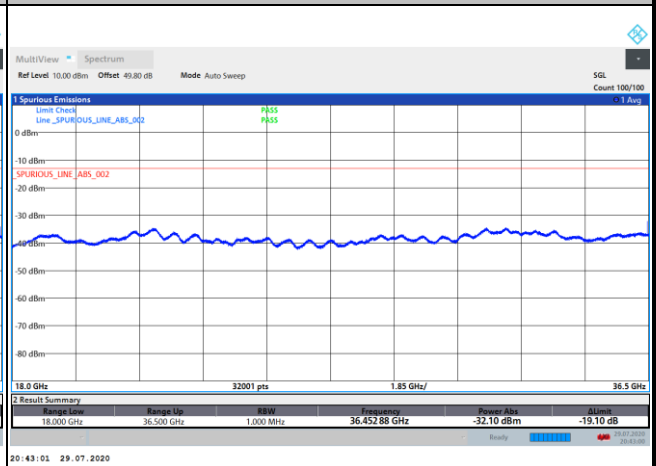
DFT-s-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

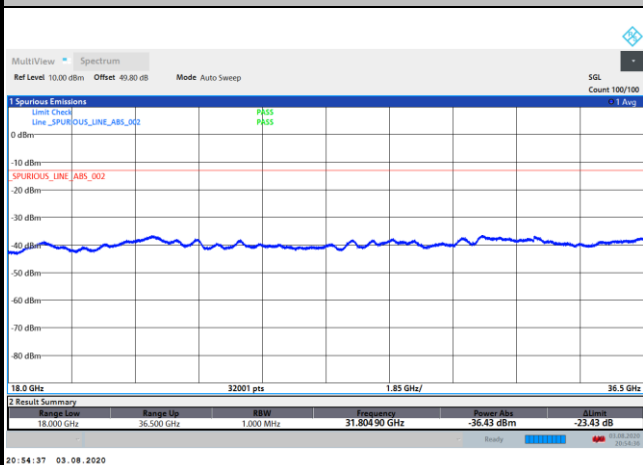
Lowest Channel / 50MHz



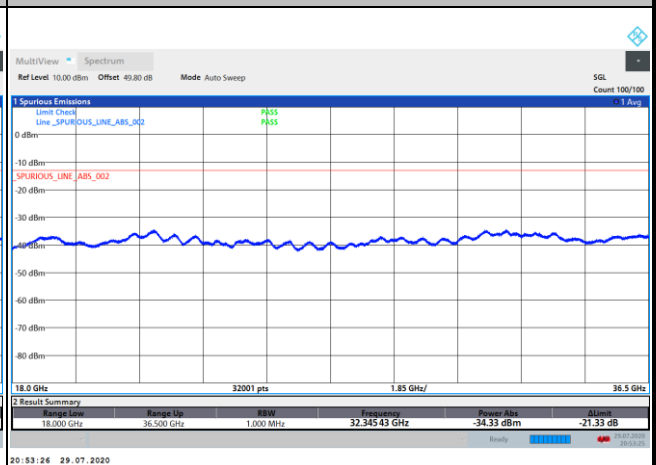
Lowest Channel / 100MHz



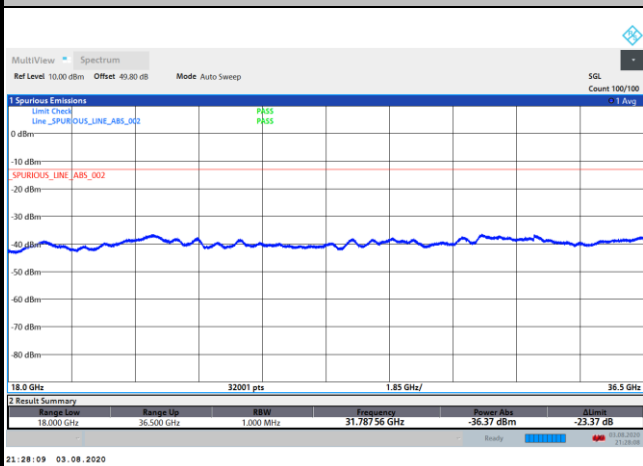
Middle Channel / 50MHz



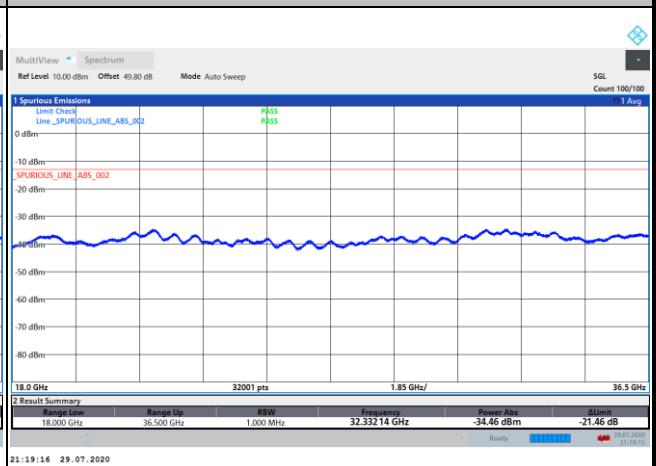
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz

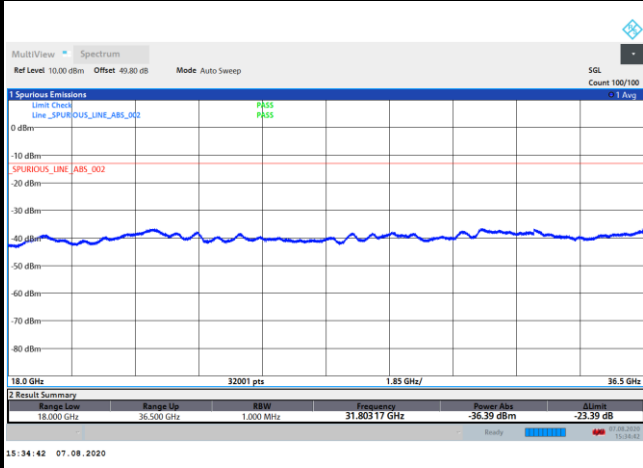




DFT-s-OFDM Module 0

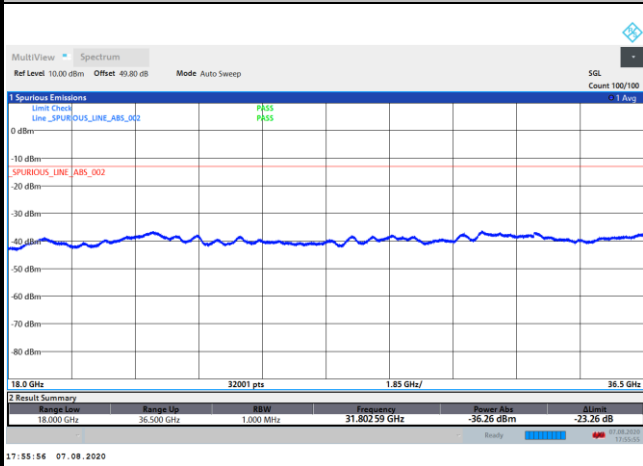
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 200MHz



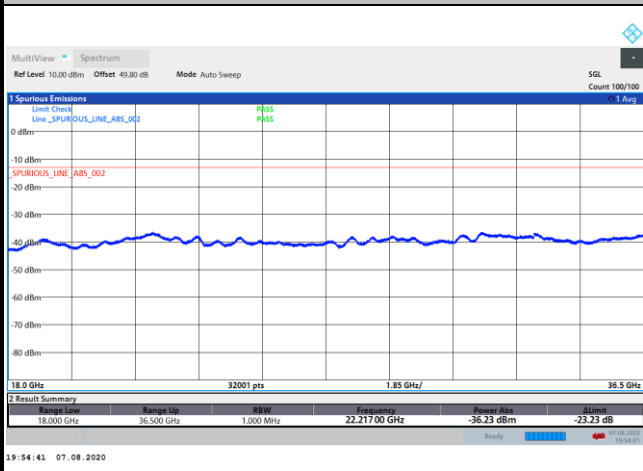
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



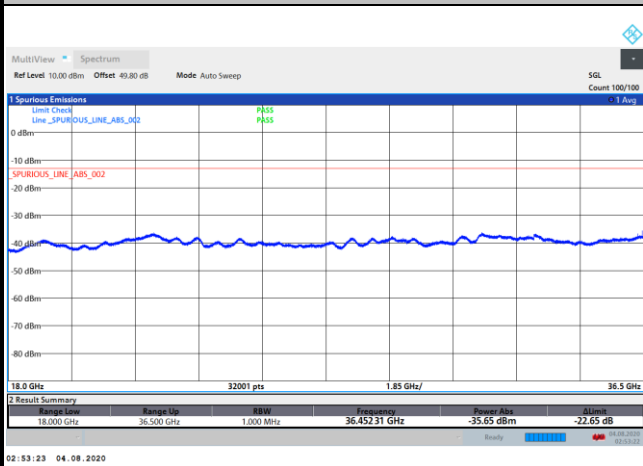
intentionally blank



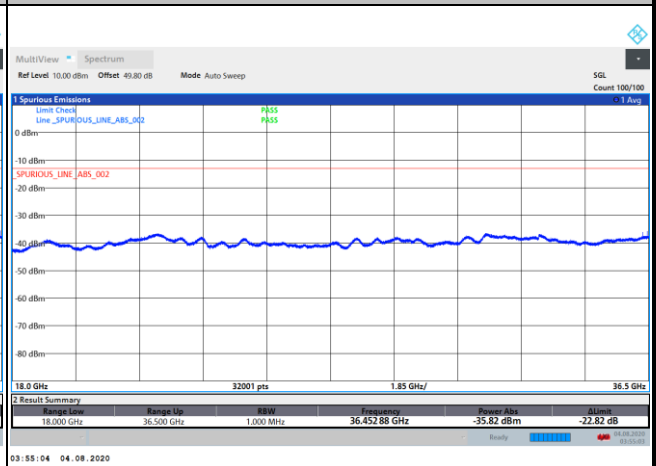
DFT-s-OFDM Module 1

NR Band n260 BPSK (18-40GHz)

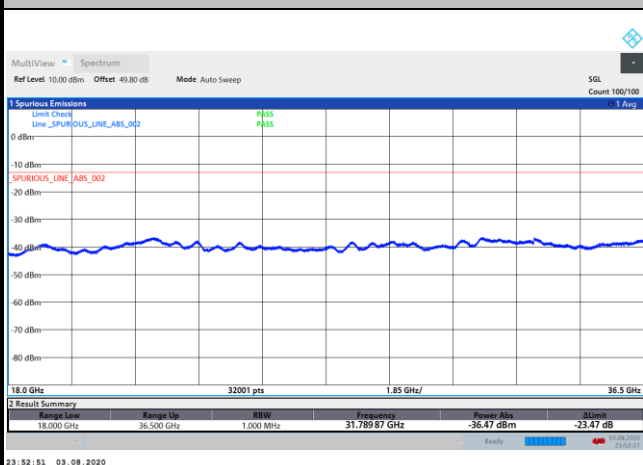
Lowest Channel / 50MHz



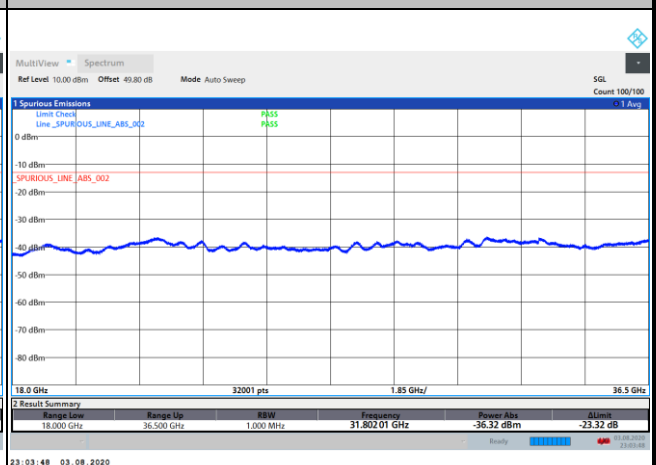
Lowest Channel / 100MHz



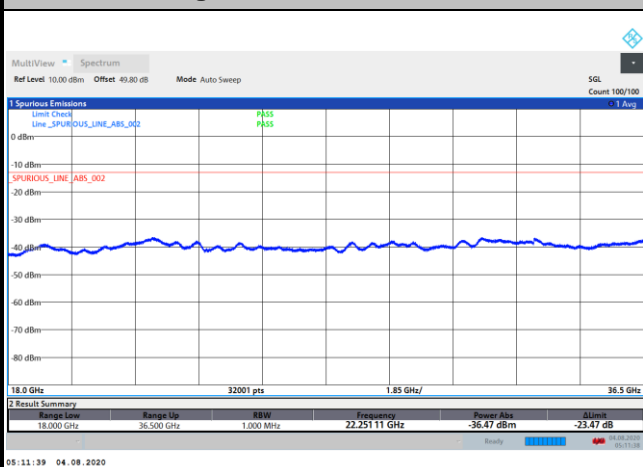
Middle Channel / 50MHz



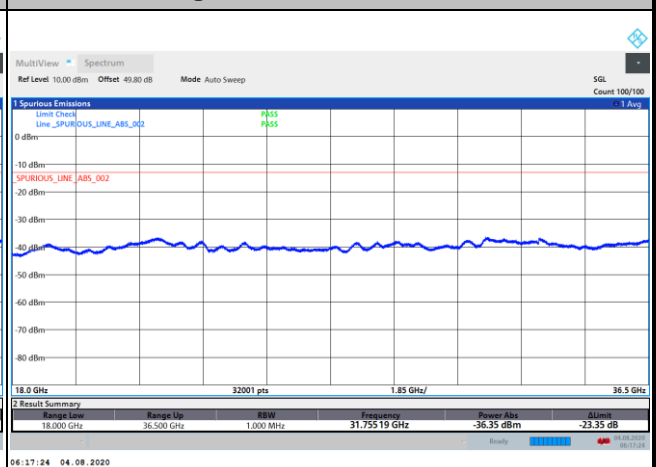
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz





DFT-s-OFDM Module 1

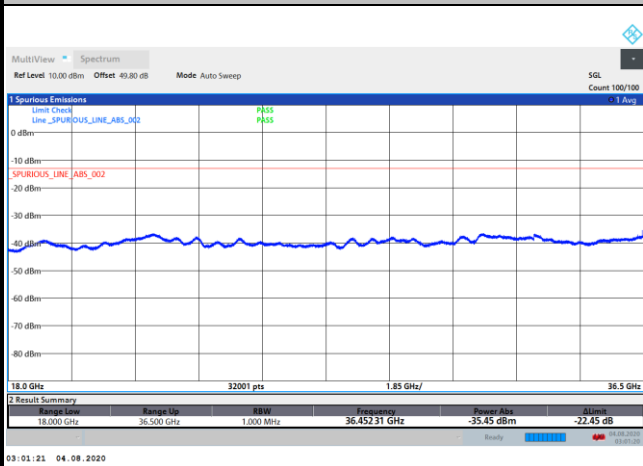
NR Band n260 BPSK (18-40GHz)	
Lowest Channel / 200MHz	
<p>intentionally blank</p>	
Middle Channel / 200MHz	
<p>intentionally blank</p>	
Highest Channel / 200MHz	
<p>intentionally blank</p>	



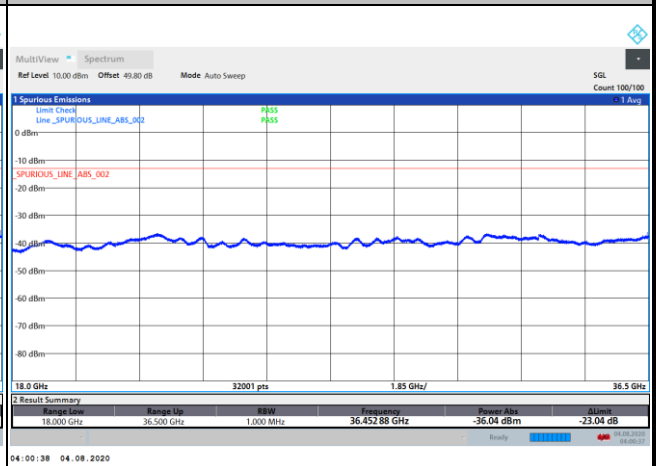
DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

Lowest Channel / 50MHz



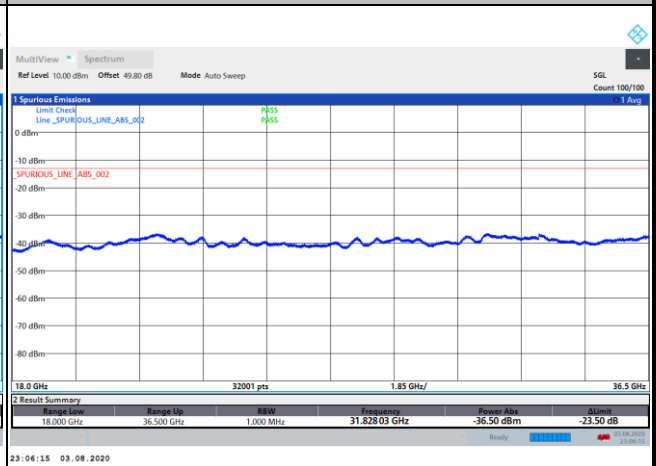
Lowest Channel / 100MHz



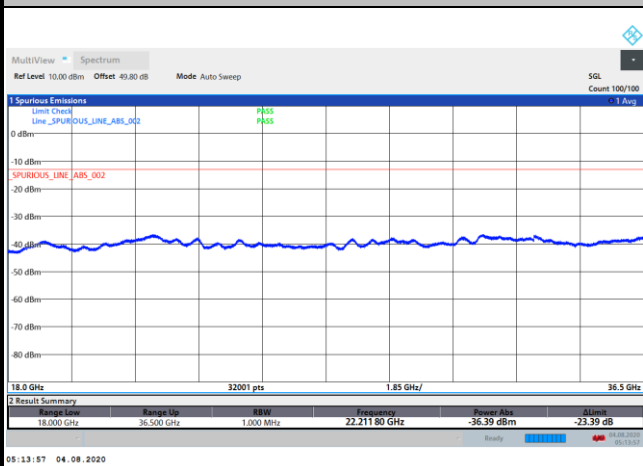
Middle Channel / 50MHz



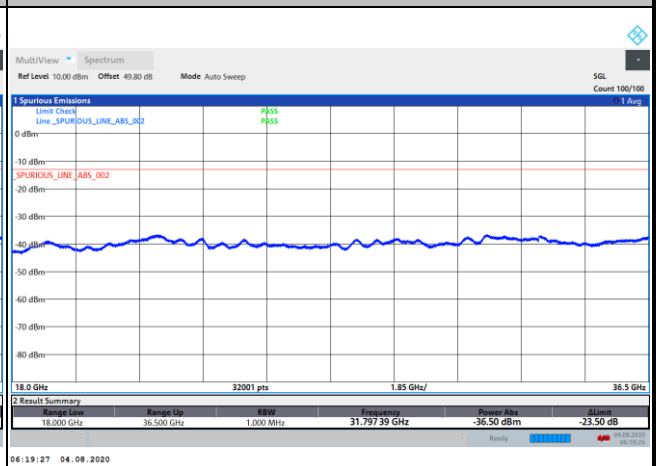
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz

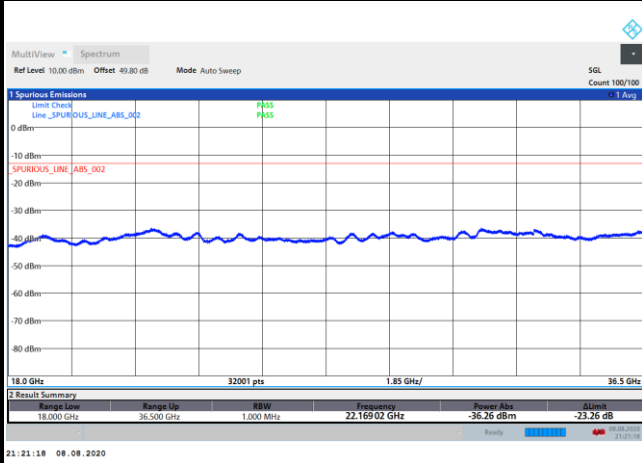




DFT-s-OFDM Module 1

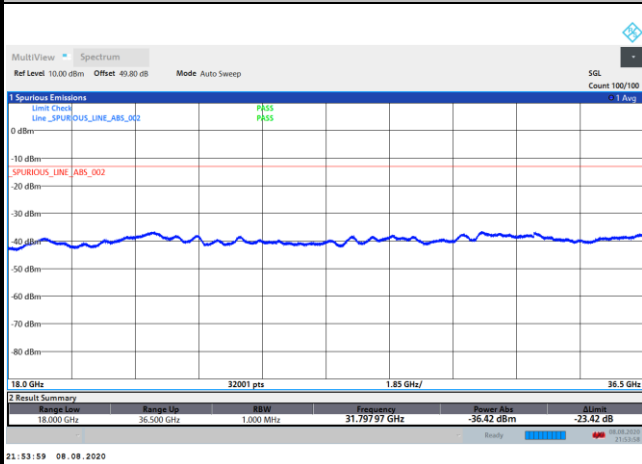
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 200MHz



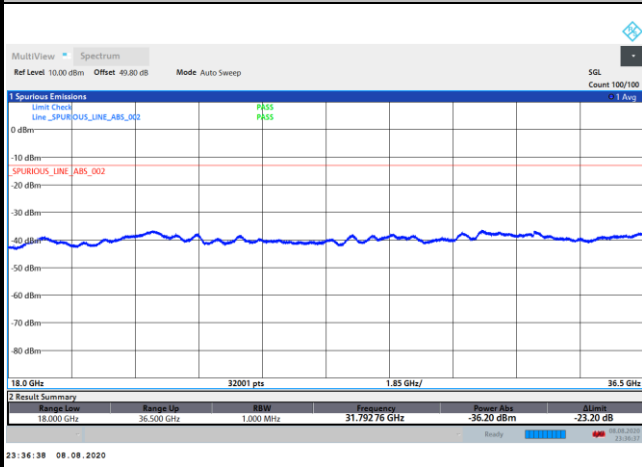
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank



CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

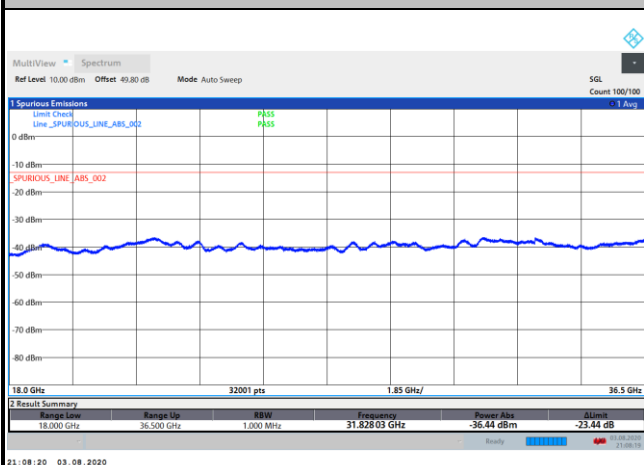
Lowest Channel / 50MHz



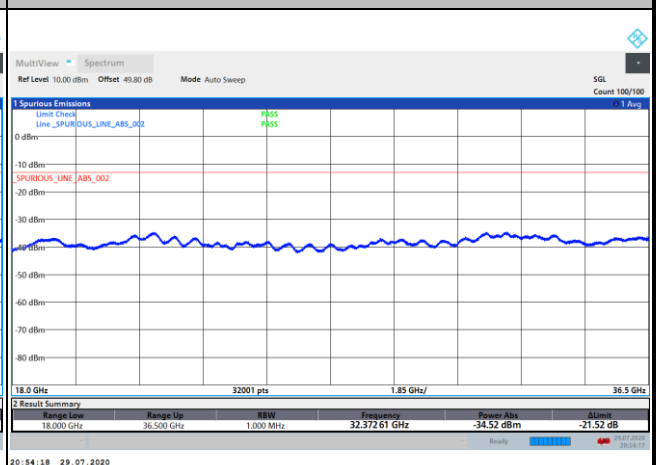
Lowest Channel / 100MHz



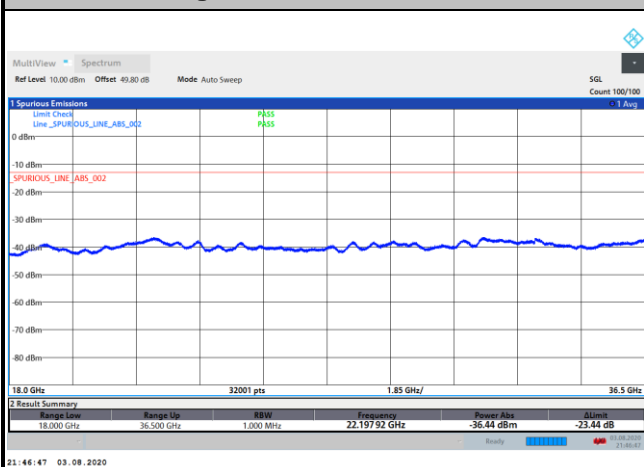
Middle Channel / 50MHz



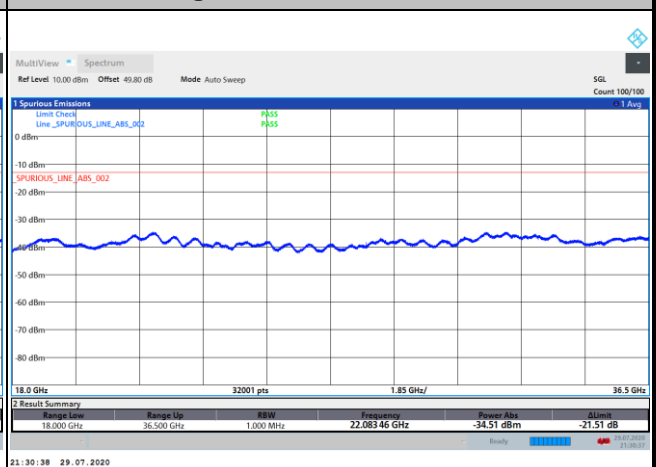
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz





CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Line Check Line_Spurious_Line_Abs_Dc2 PASS 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 31.78756 GHz -36.46 dBm -23.46 dBm 14:17:15 07.08.2020</p>	intentionally blank
Middle Channel / 200MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Line Check Line_Spurious_Line_Abs_Dc2 PASS 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 31.81184 GHz -36.38 dBm -23.38 dBm 14:00:13 07.08.2020</p>	intentionally blank
Highest Channel / 200MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Line Check Line_Spurious_Line_Abs_Dc2 PASS 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Results Summary Range Low Range Up RBW Frequency Power Abs Limit 18.000 GHz 36.500 GHz 1.000 MHz 31.79508 GHz -36.17 dBm -23.17 dBm 20:55:37 07.08.2020</p>	intentionally blank

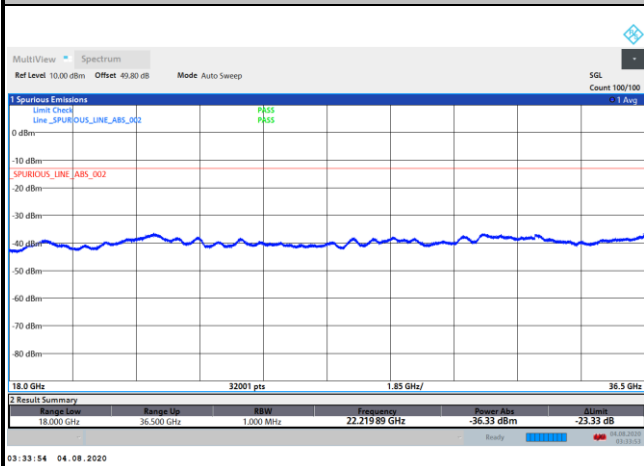




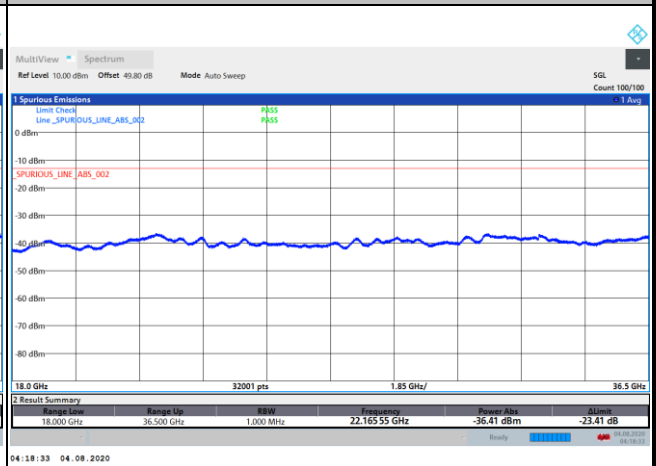
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

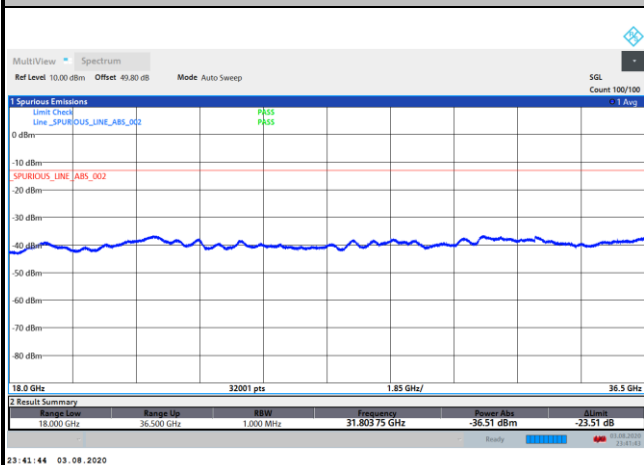
Lowest Channel / 50MHz



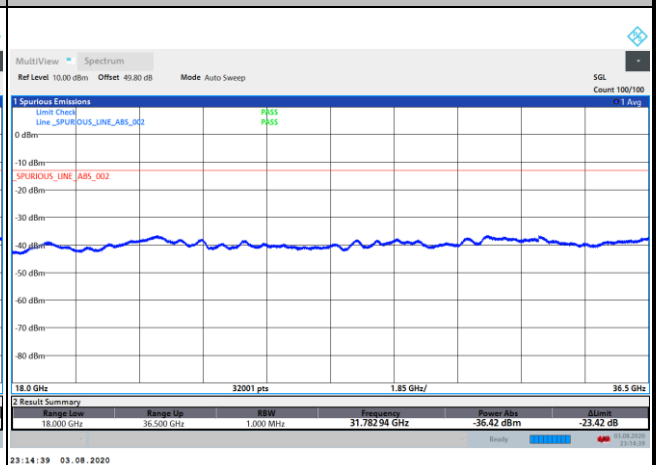
Lowest Channel / 100MHz



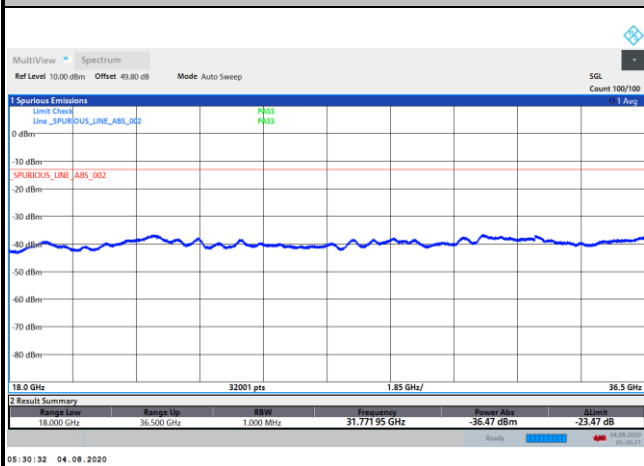
Middle Channel / 50MHz



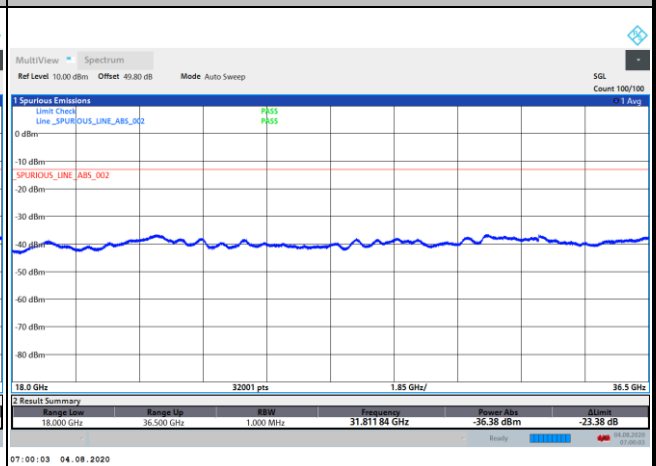
Middle Channel / 100MHz



Highest Channel / 50MHz

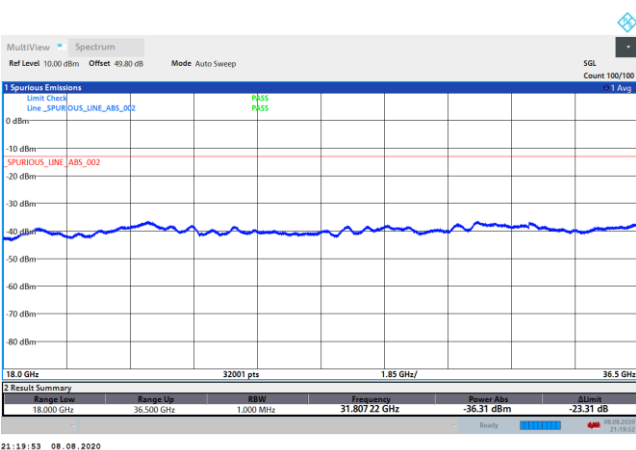
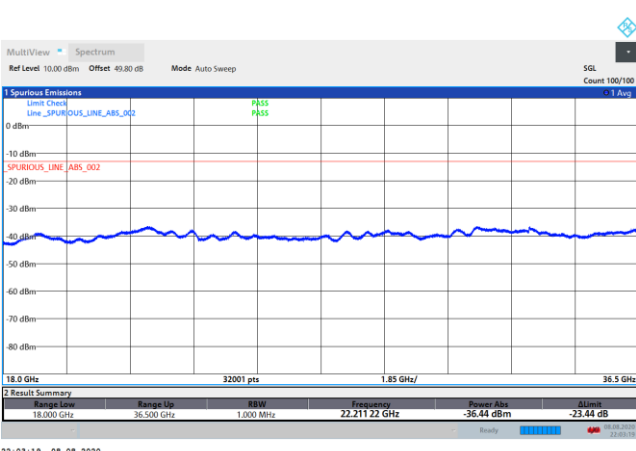
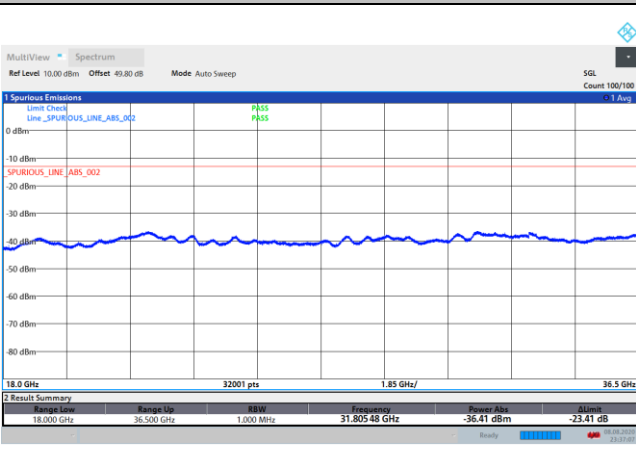


Highest Channel / 100MHz



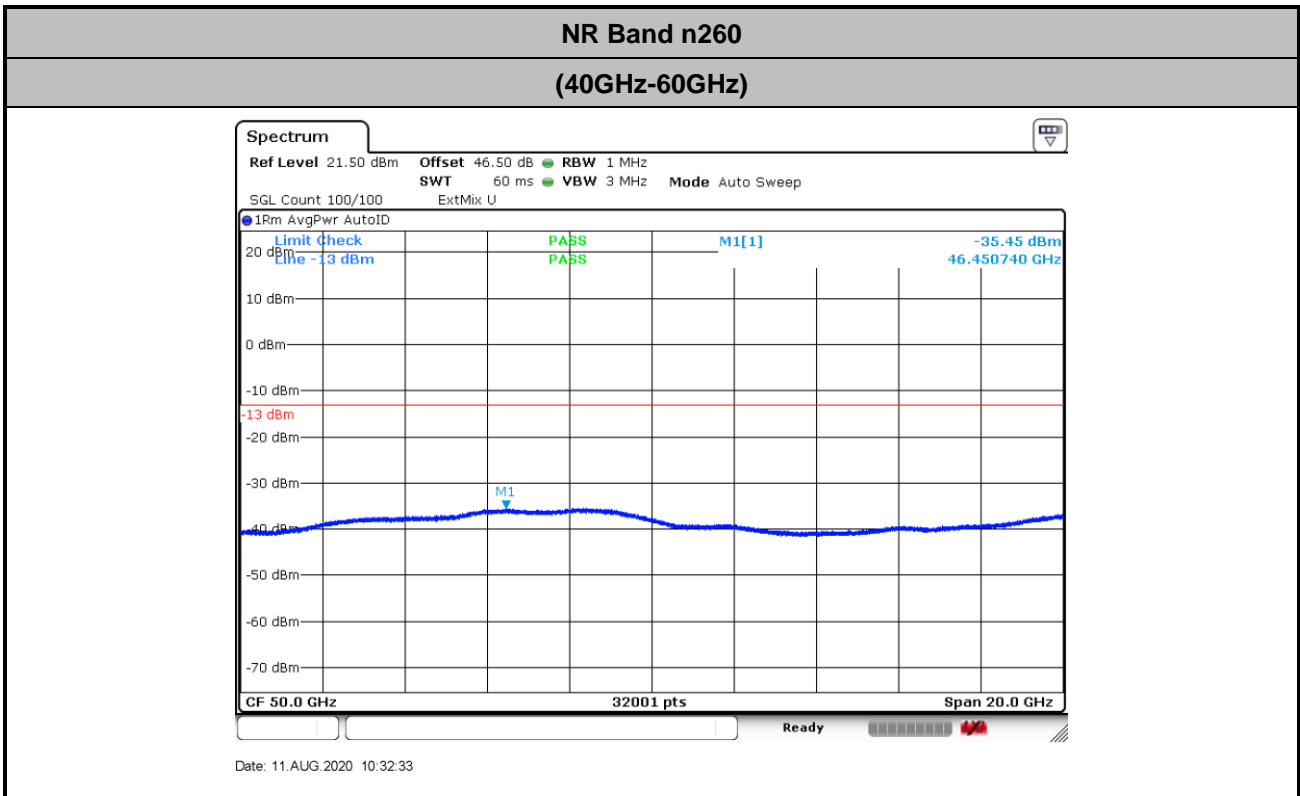


CP-OFDM Module 1

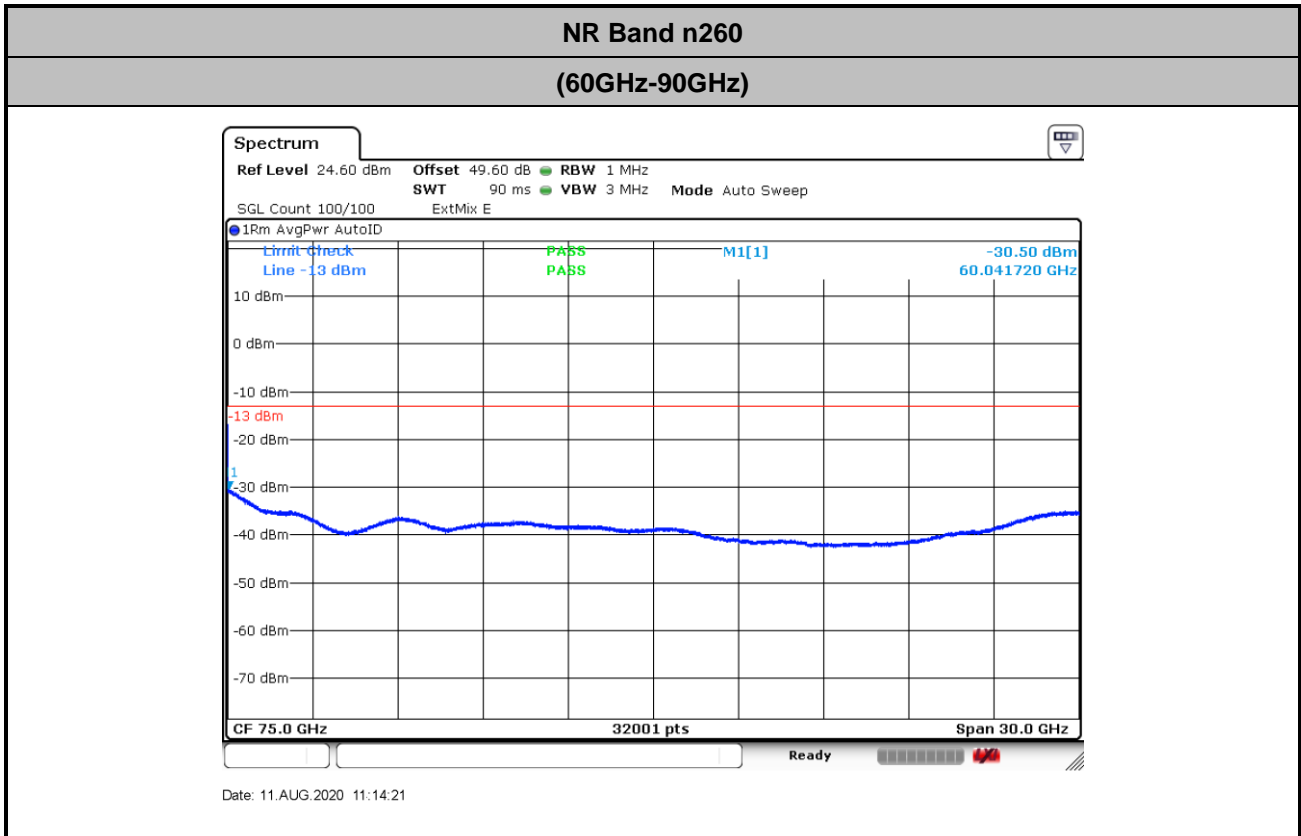
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
 <p>intentionally blank</p>	
Middle Channel / 200MHz	
 <p>intentionally blank</p>	
Highest Channel / 200MHz	
 <p>intentionally blank</p>	



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

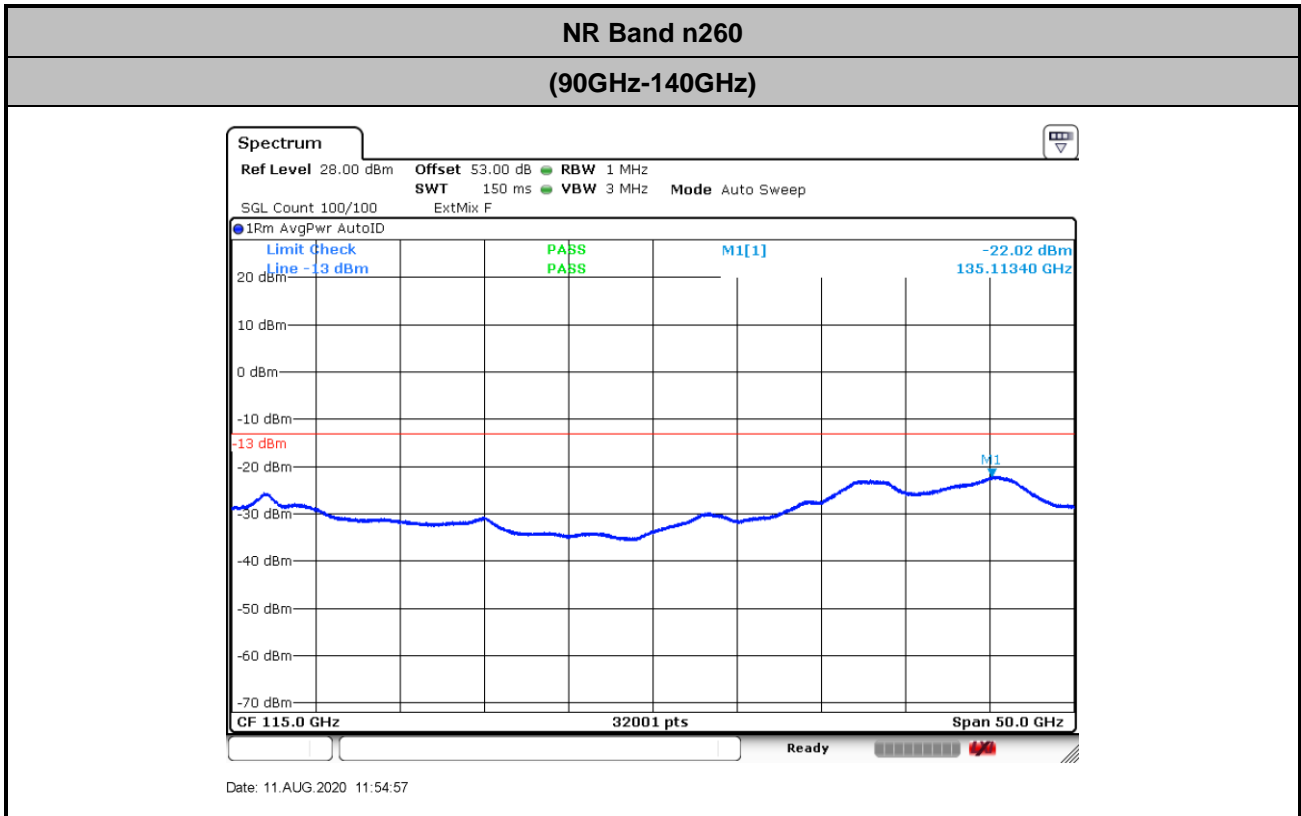


$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 42.1 + 2.2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)}
 \end{aligned}$$



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

$$= 47.2 + 2.2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)}$$



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

$$= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)}$$