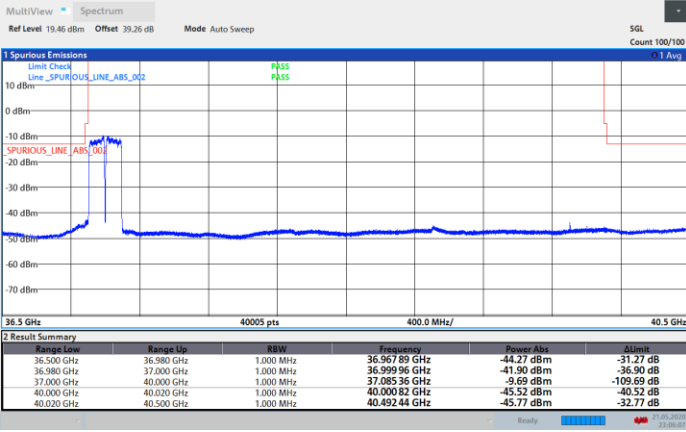




DFT-s-OFDM Module 1

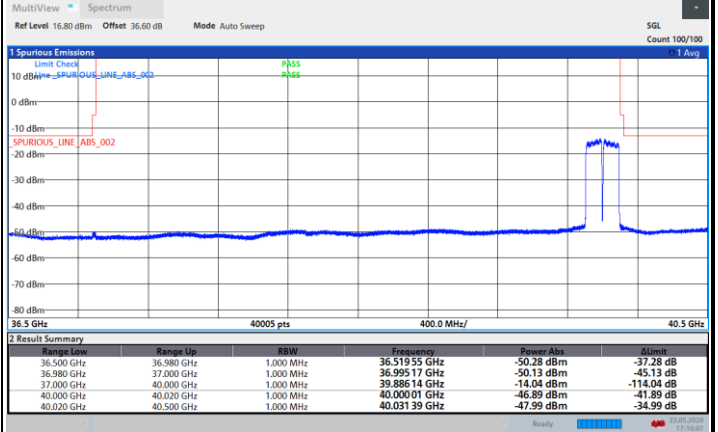
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



23:04:08 21.05.2020

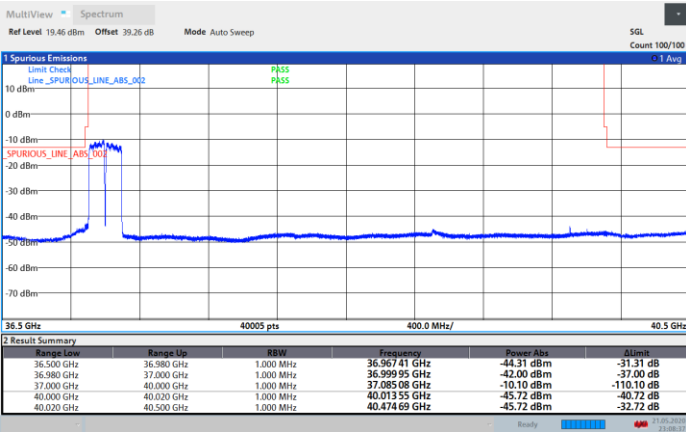
Highest Band Edge / Full RB



17:10:08 22.05.2020

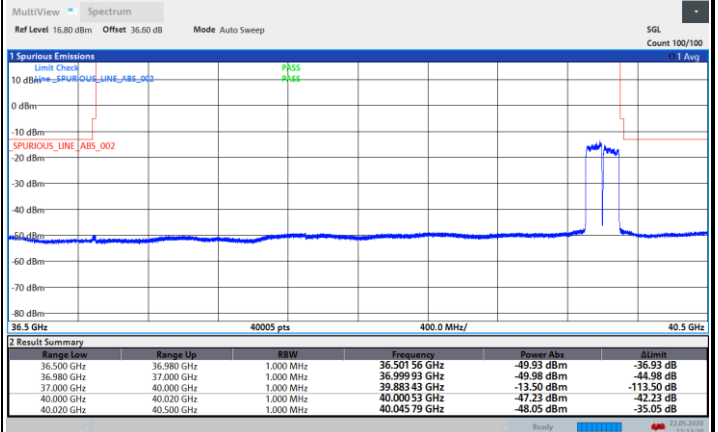
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



23:08:38 21.05.2020

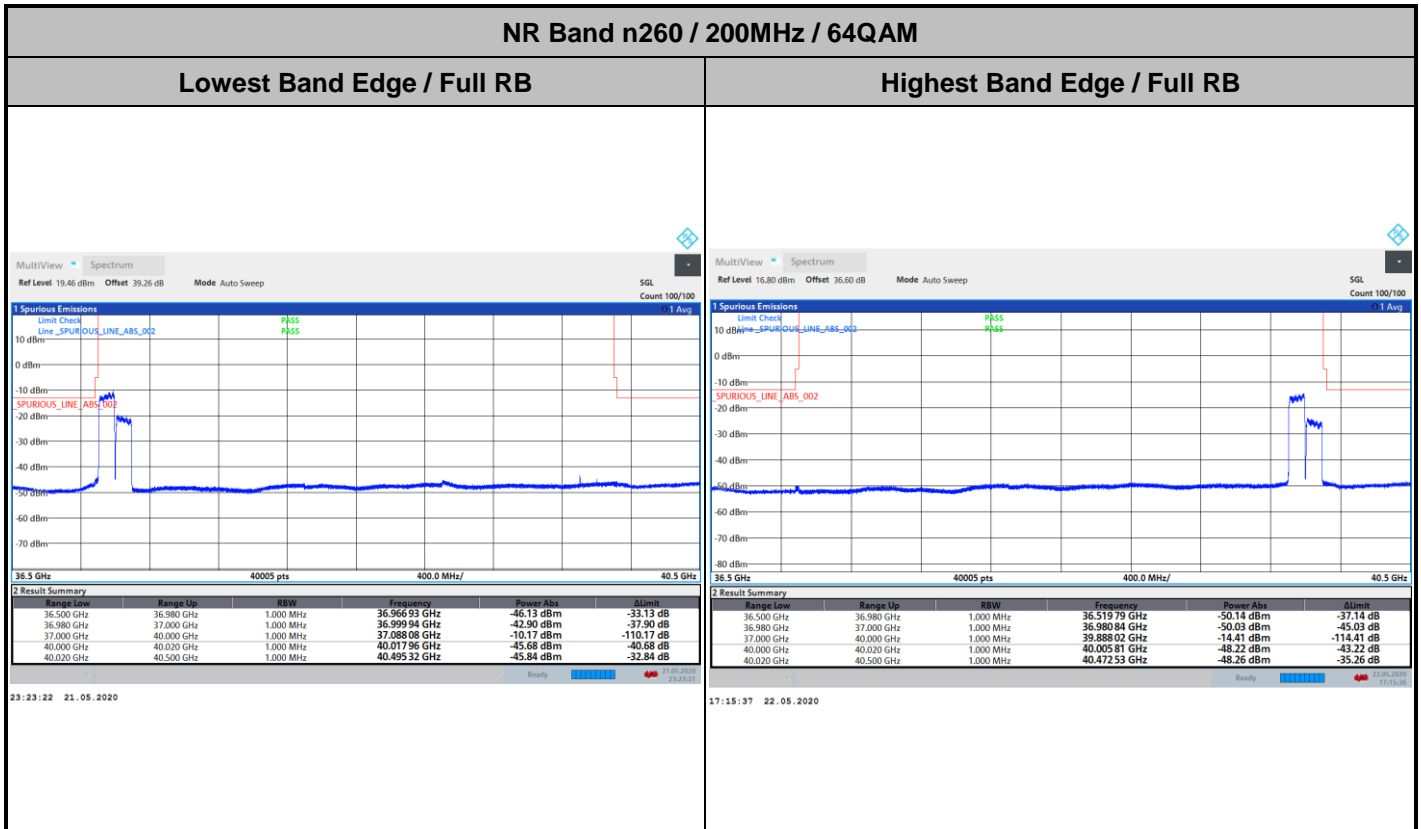
Highest Band Edge / Full RB



17:13:21 22.05.2020



DFT-s-OFDM Module 1

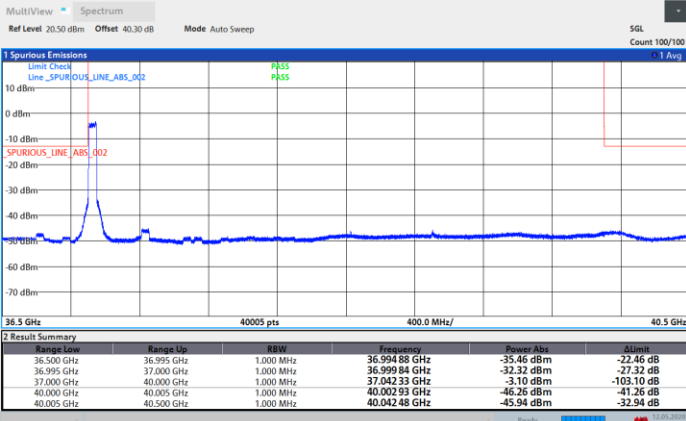




CP-OFDM Module 0

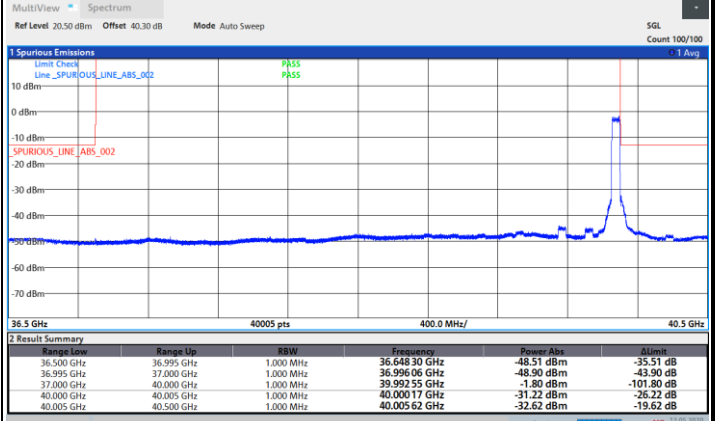
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



22:56:42 12.05.2020

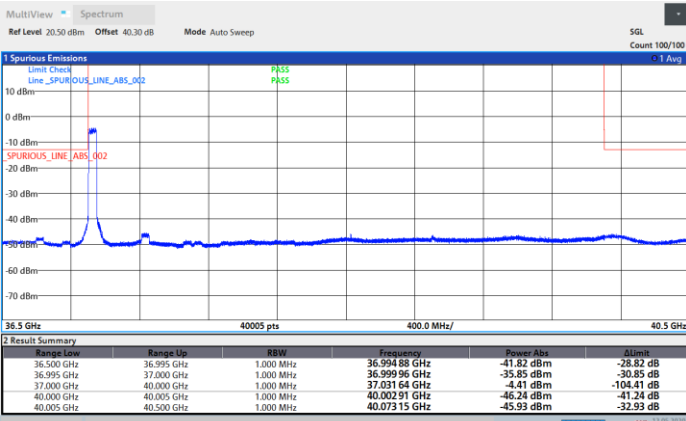
Highest Band Edge / Full RB



20:47:09 12.05.2020

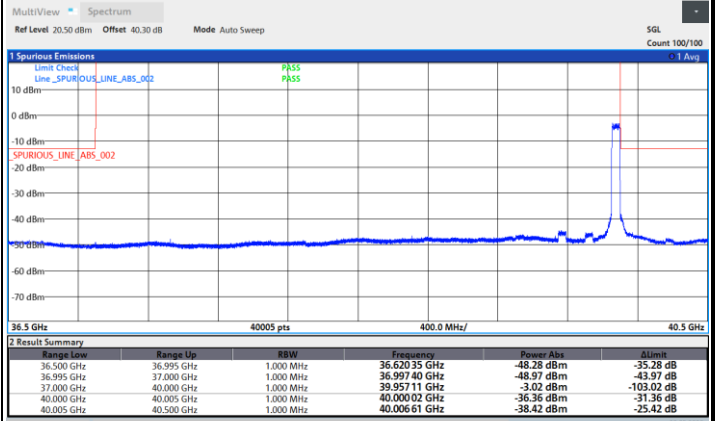
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



22:57:32 12.05.2020

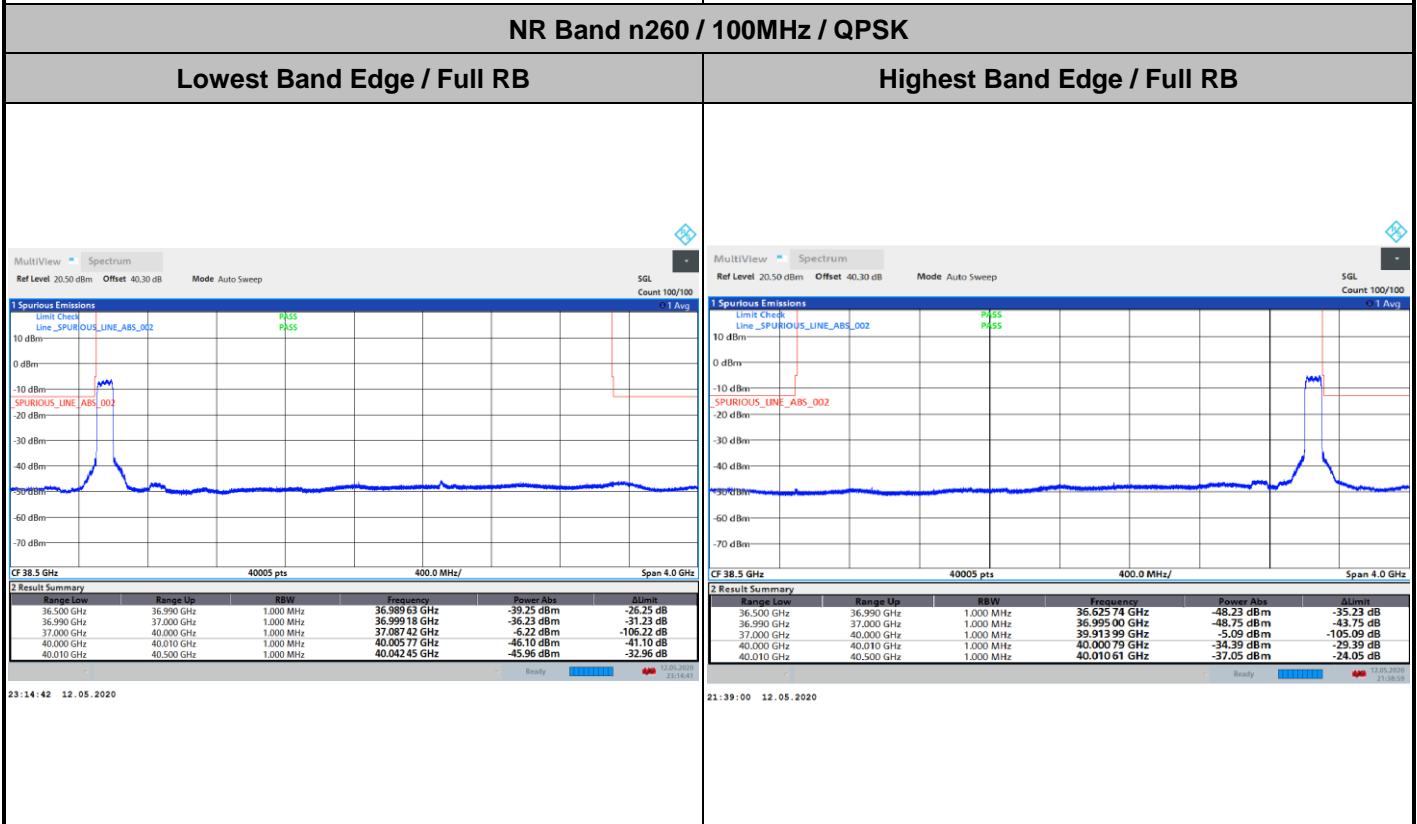
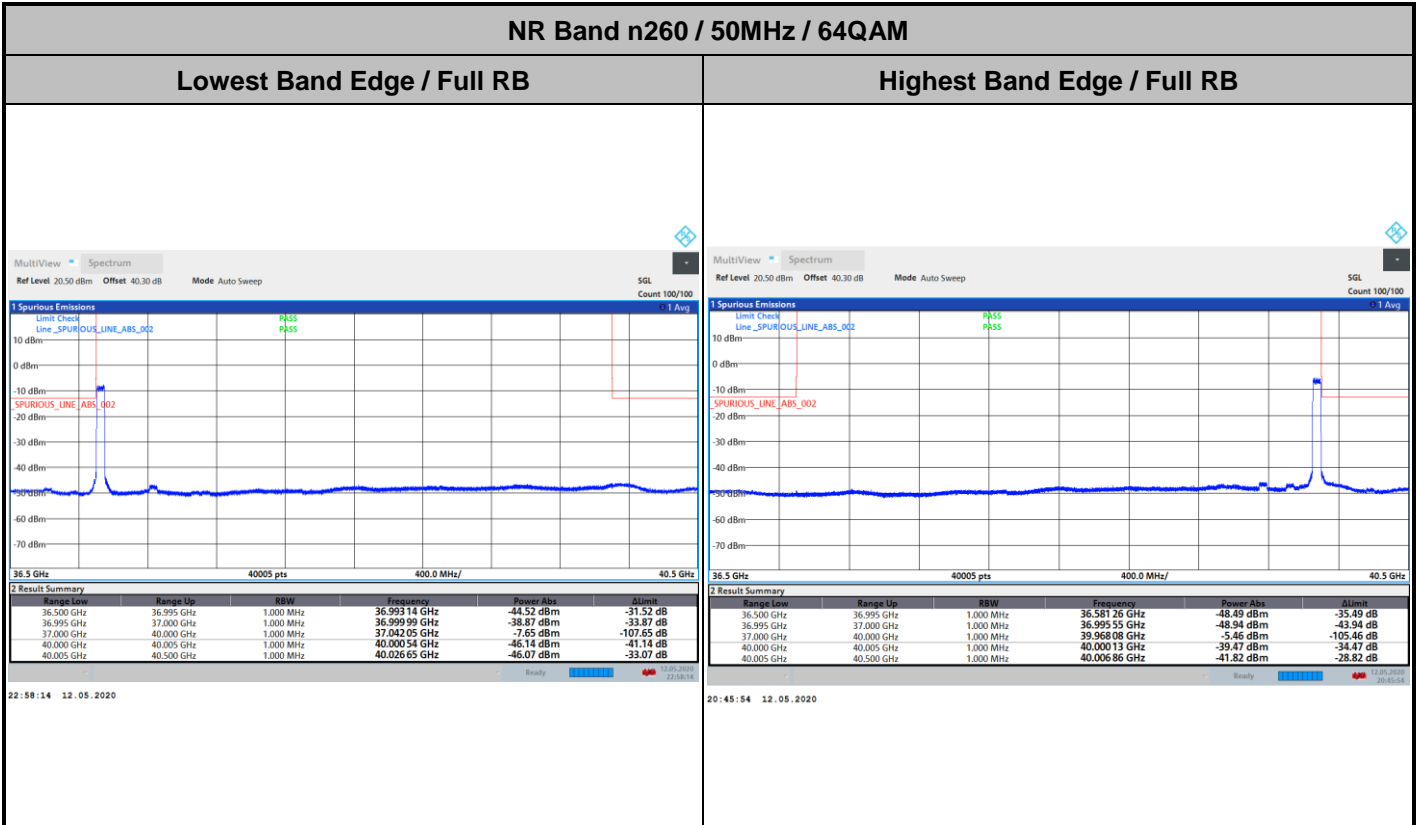
Highest Band Edge / Full RB



20:46:30 12.05.2020



CP-OFDM Module 0

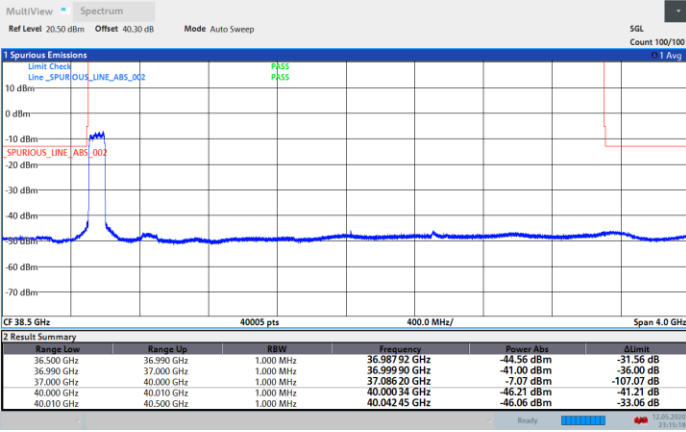




CP-OFDM Module 0

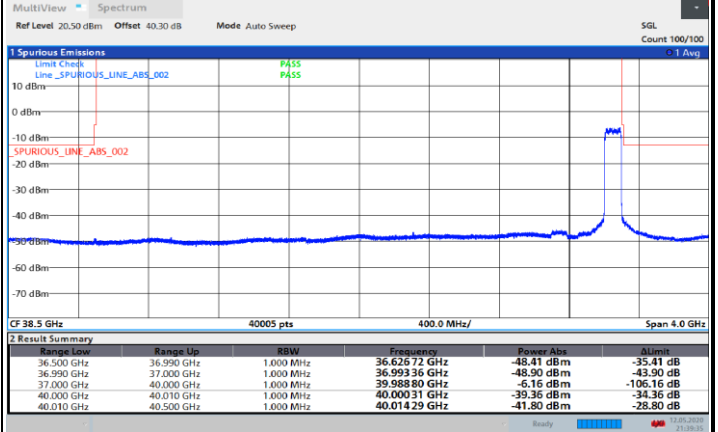
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



23:15:18 12.05.2020

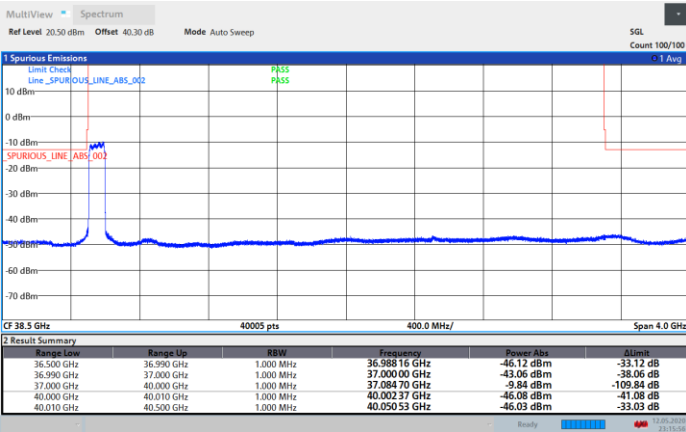
Highest Band Edge / Full RB



21:39:36 12.05.2020

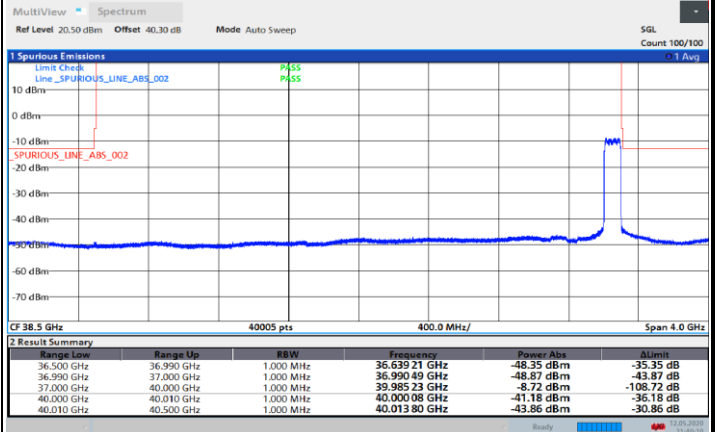
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



23:15:56 12.05.2020

Highest Band Edge / Full RB



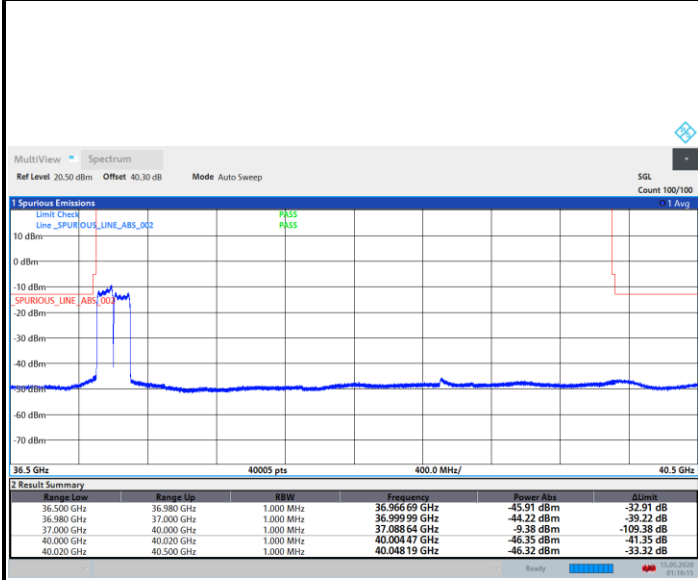
21:40:11 12.05.2020



CP-OFDM Module 0

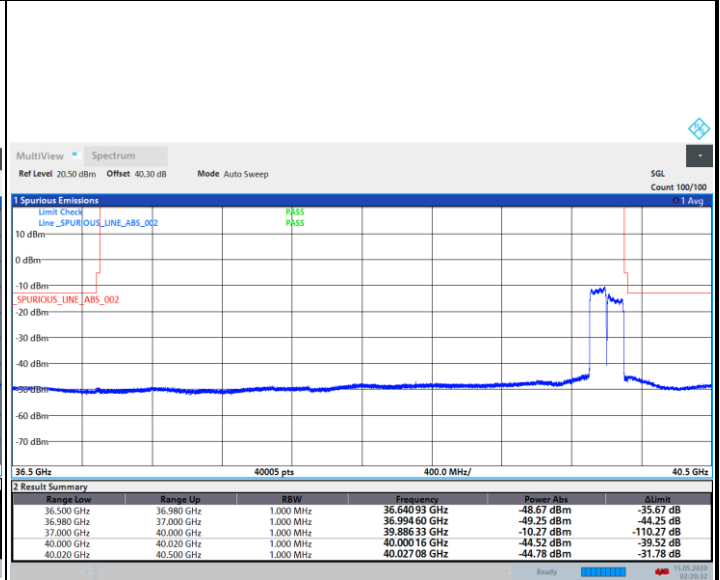
NR Band n260 / 200MHz / QPSK

Lowest Band Edge / Full RB



01:10:16 15.05.2020

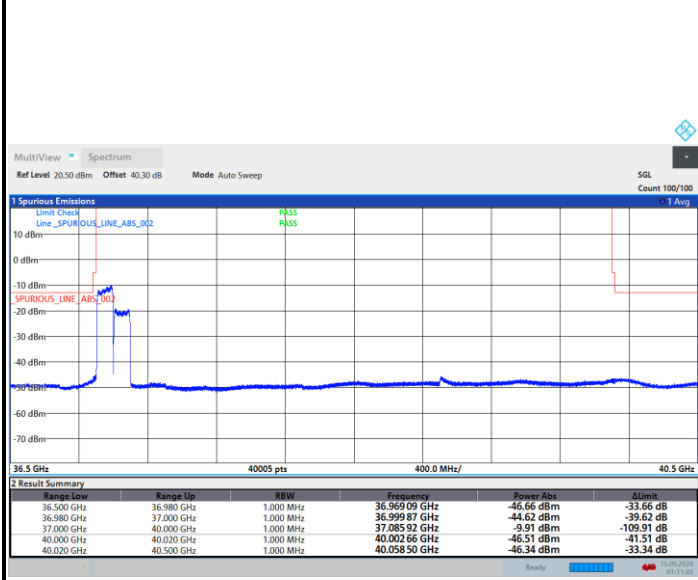
Highest Band Edge / Full RB



02:20:33 15.05.2020

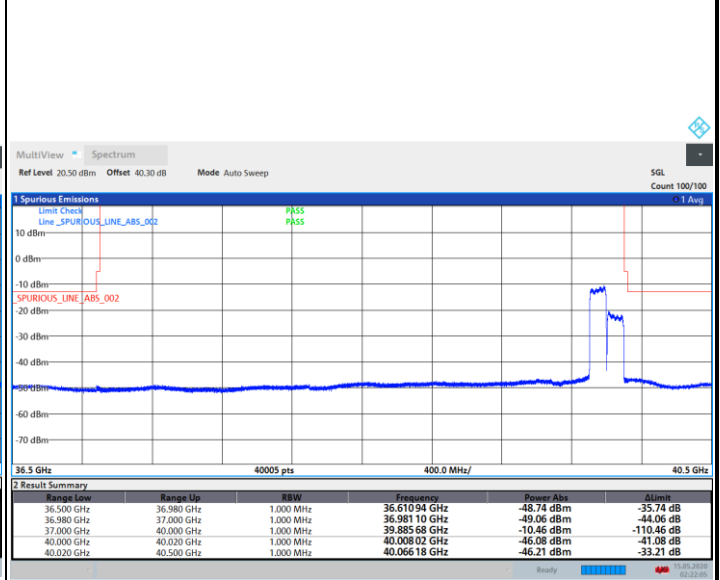
NR Band n260 / 200MHz / 16QAM

Lowest Band Edge / Full RB



01:11:02 15.05.2020

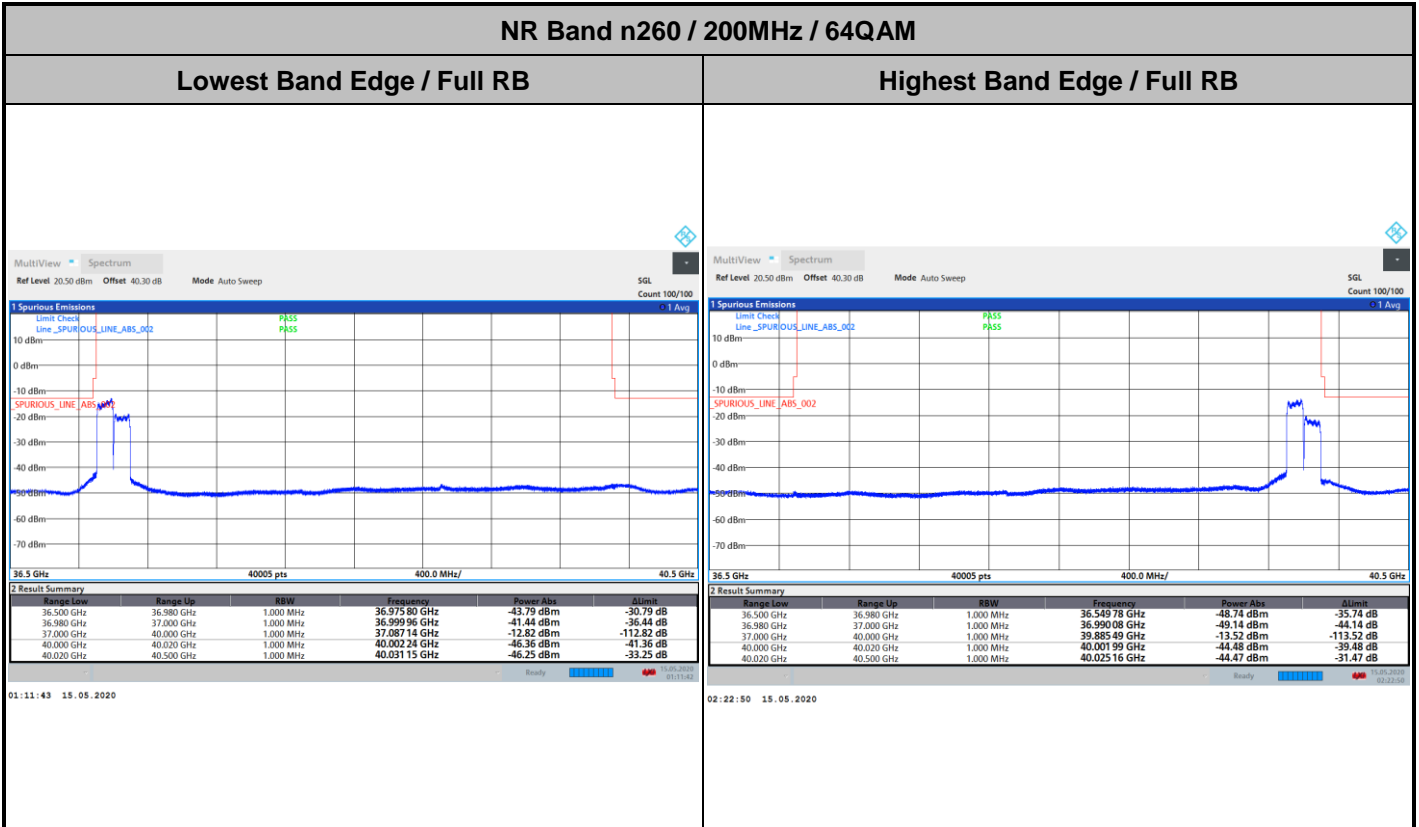
Highest Band Edge / Full RB



02:22:06 15.05.2020



CP-OFDM Module 0

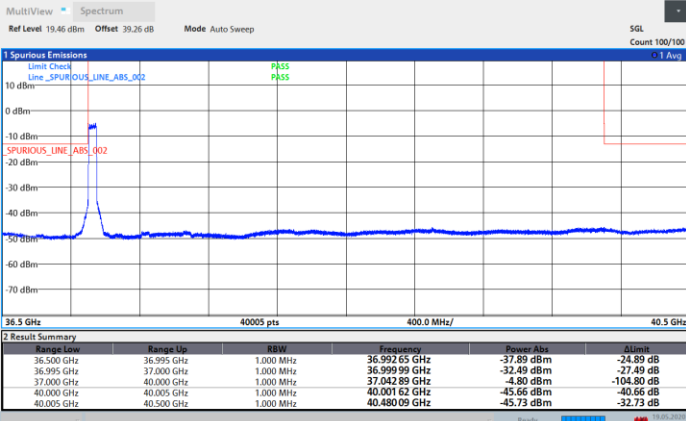




CP-OFDM Module 1

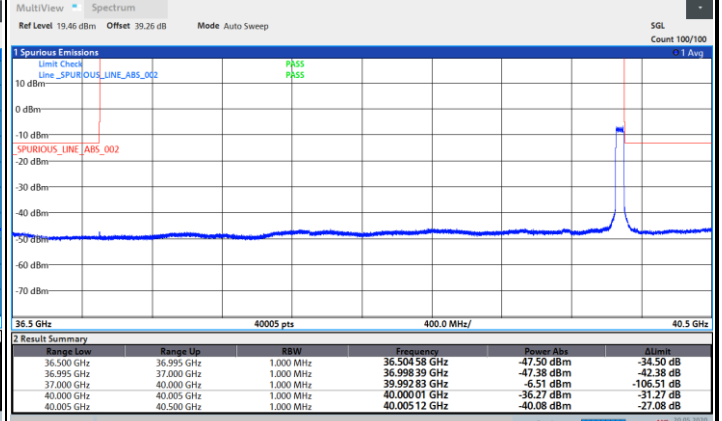
NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB



22:49:42 19.05.2020

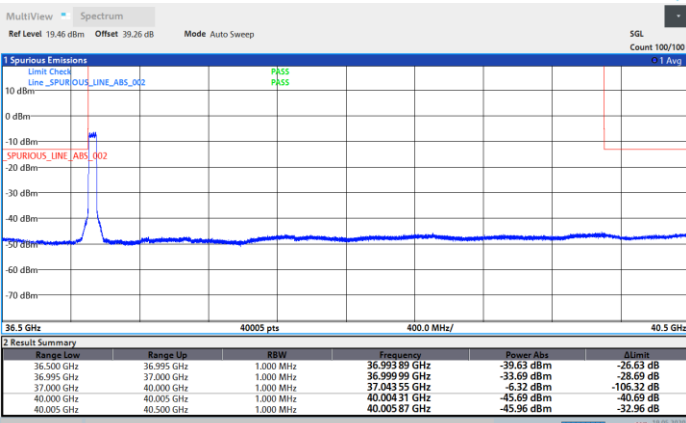
Highest Band Edge / Full RB



21:41:23 20.05.2020

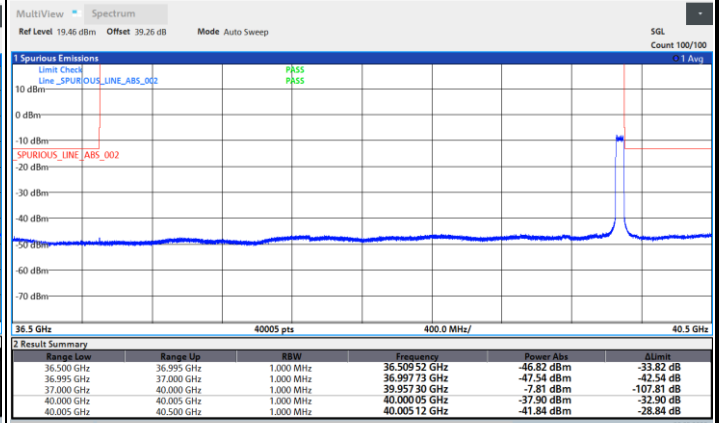
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



22:48:39 19.05.2020

Highest Band Edge / Full RB



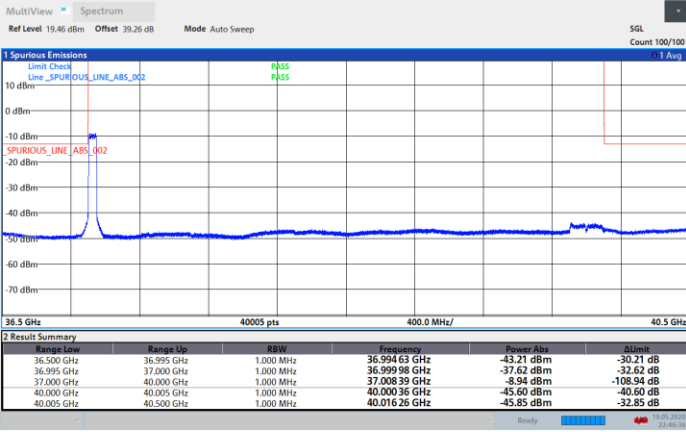
21:40:34 20.05.2020



CP-OFDM Module 1

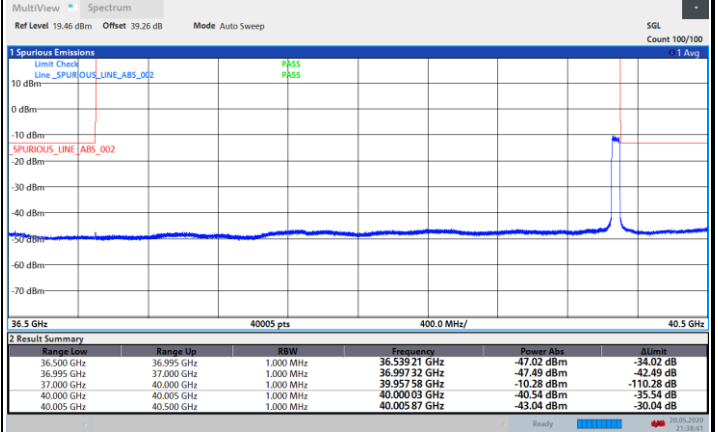
NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB



22:46:37 19.05.2020

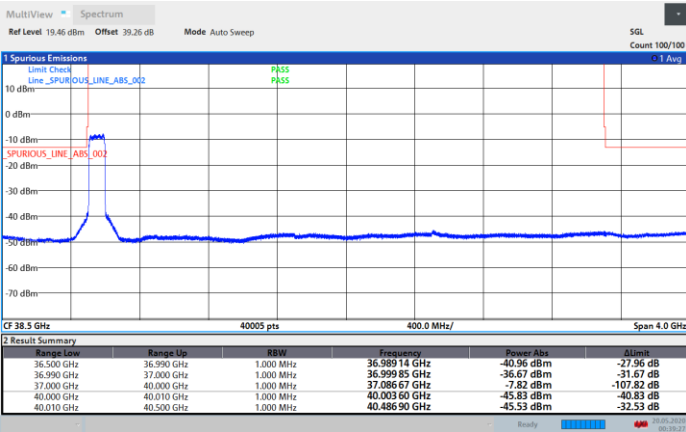
Highest Band Edge / Full RB



21:38:41 20.05.2020

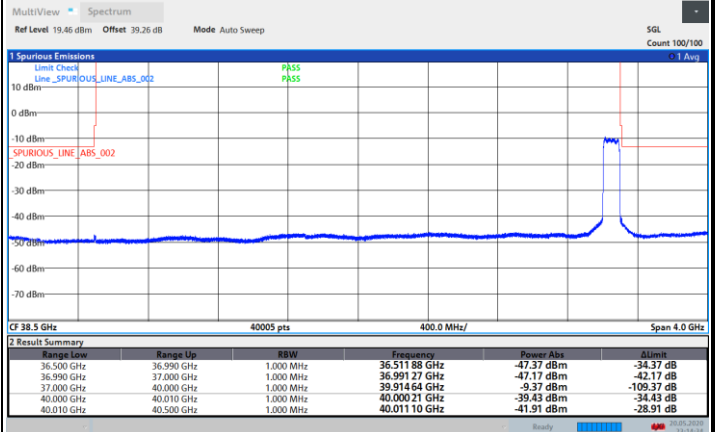
NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



00:39:28 20.05.2020

Highest Band Edge / Full RB



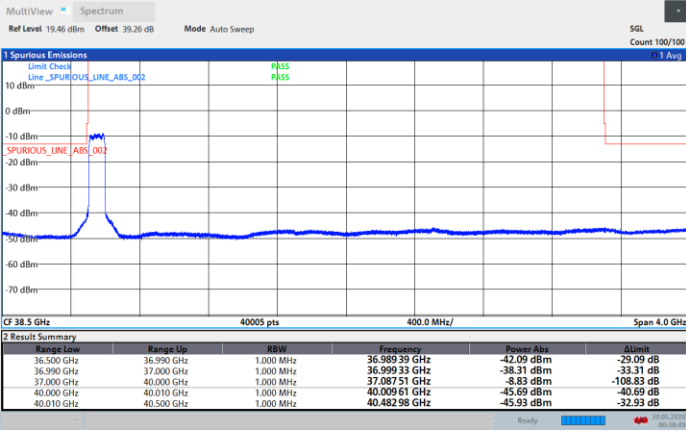
23:14:34 20.05.2020



CP-OFDM Module 1

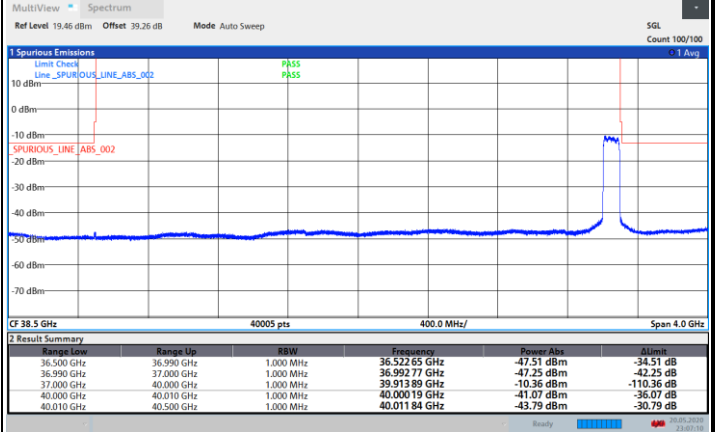
NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB



00:38:49 20.05.2020

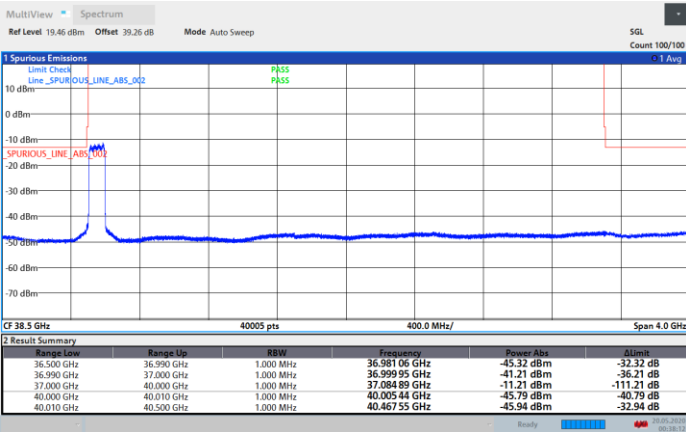
Highest Band Edge / Full RB



23:07:11 20.05.2020

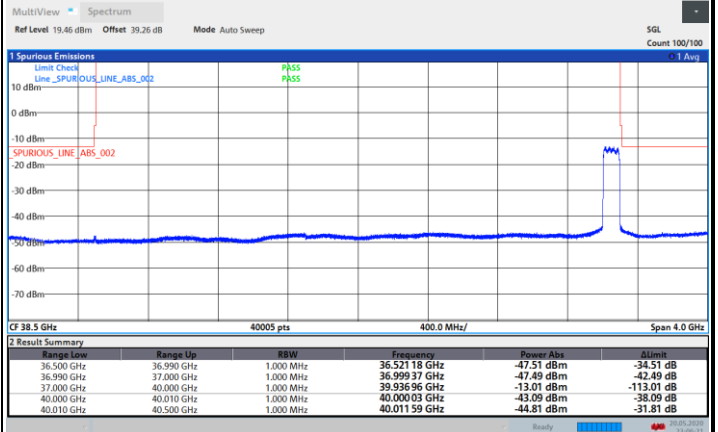
NR Band n260 / 100MHz / 64QAM

Lowest Band Edge / Full RB



00:38:13 20.05.2020

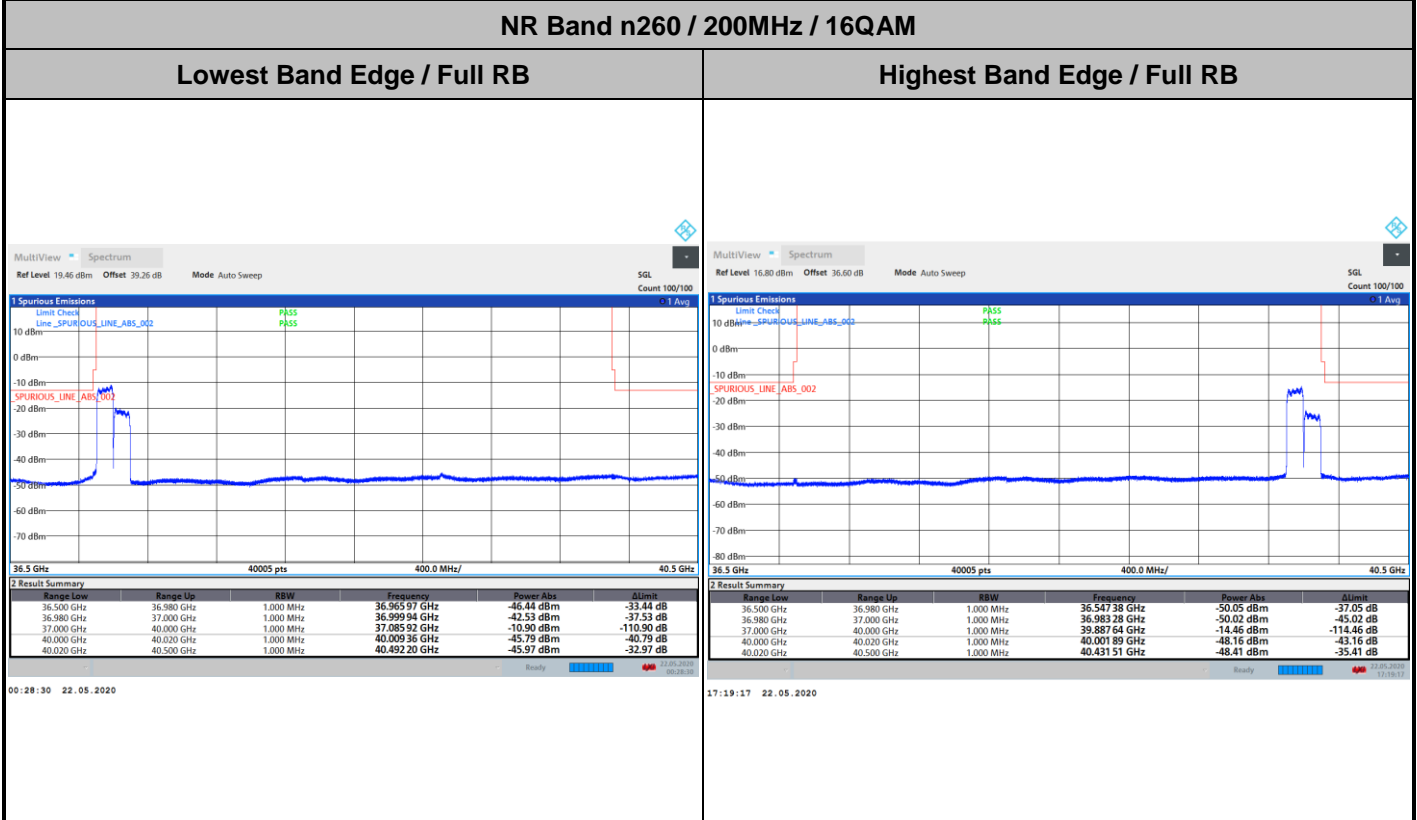
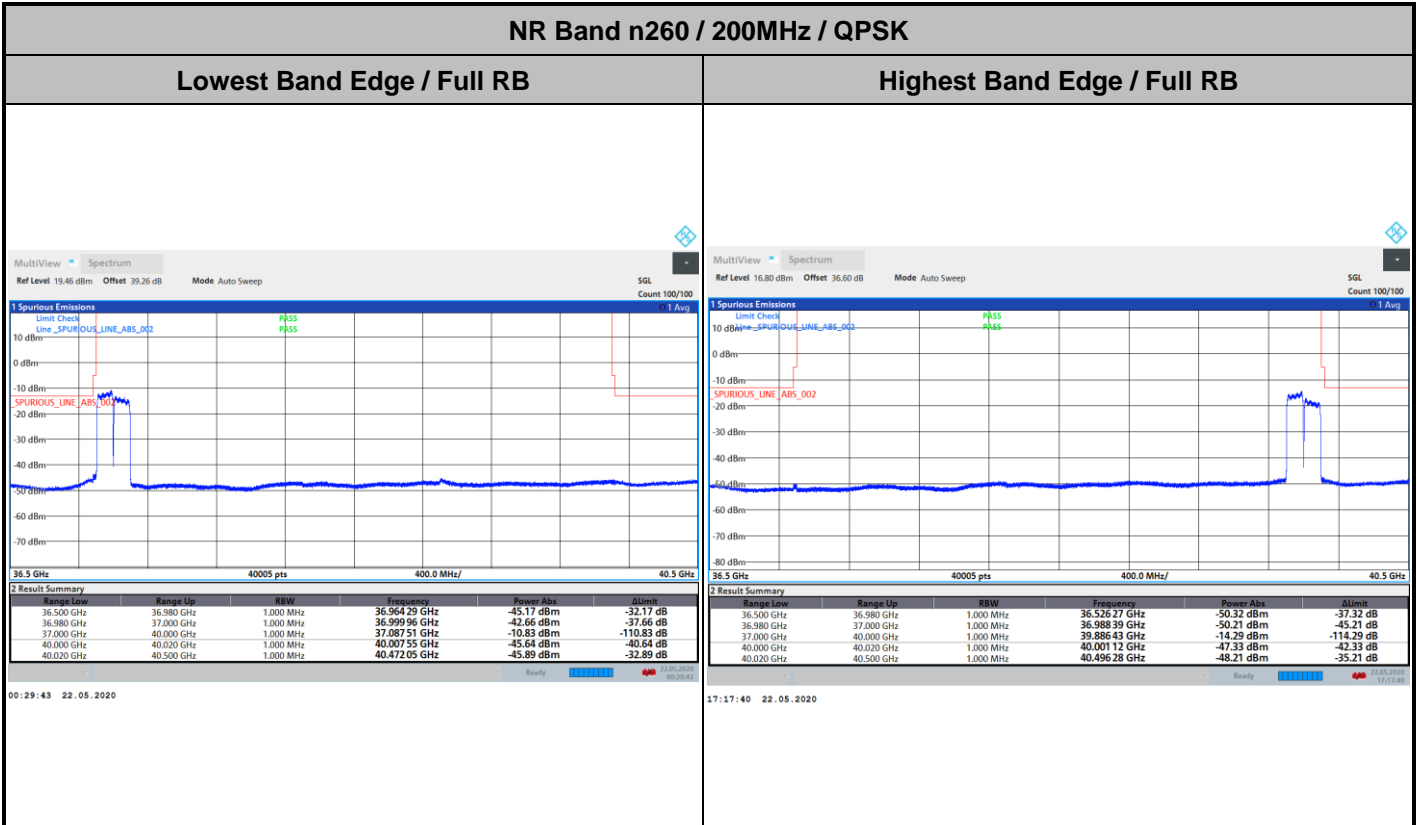
Highest Band Edge / Full RB



23:06:21 20.05.2020

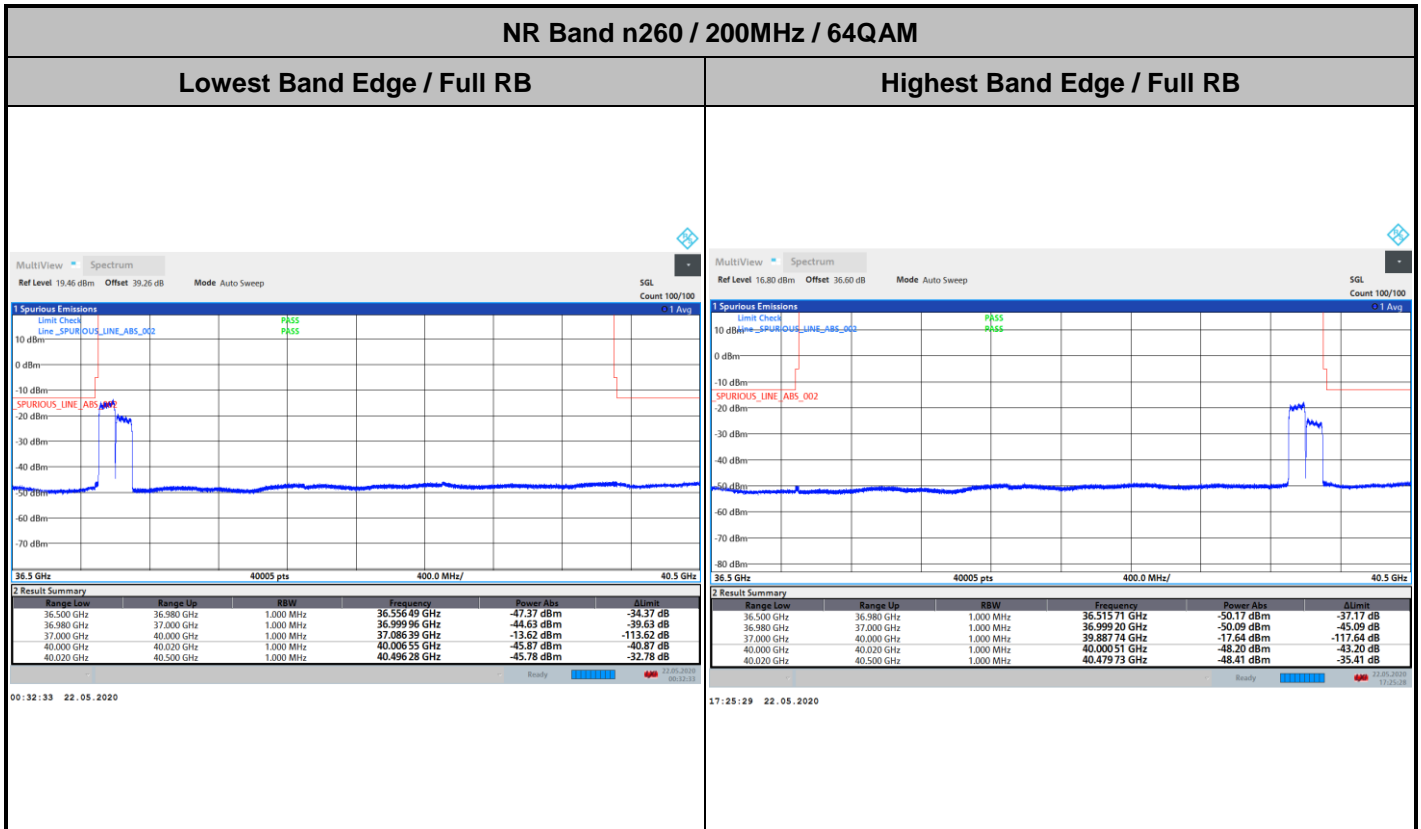


CP-OFDM Module 1





CP-OFDM Module 1

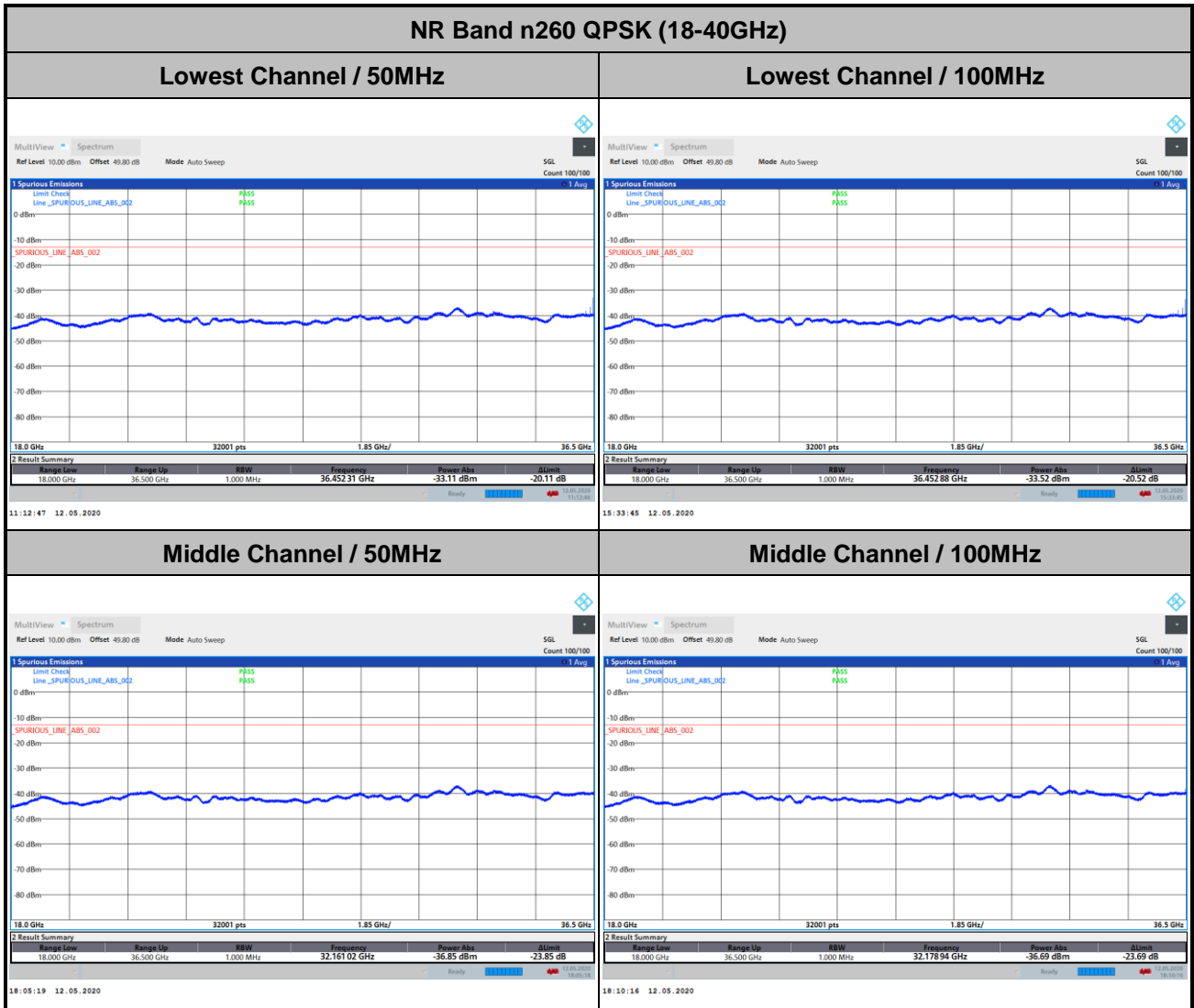


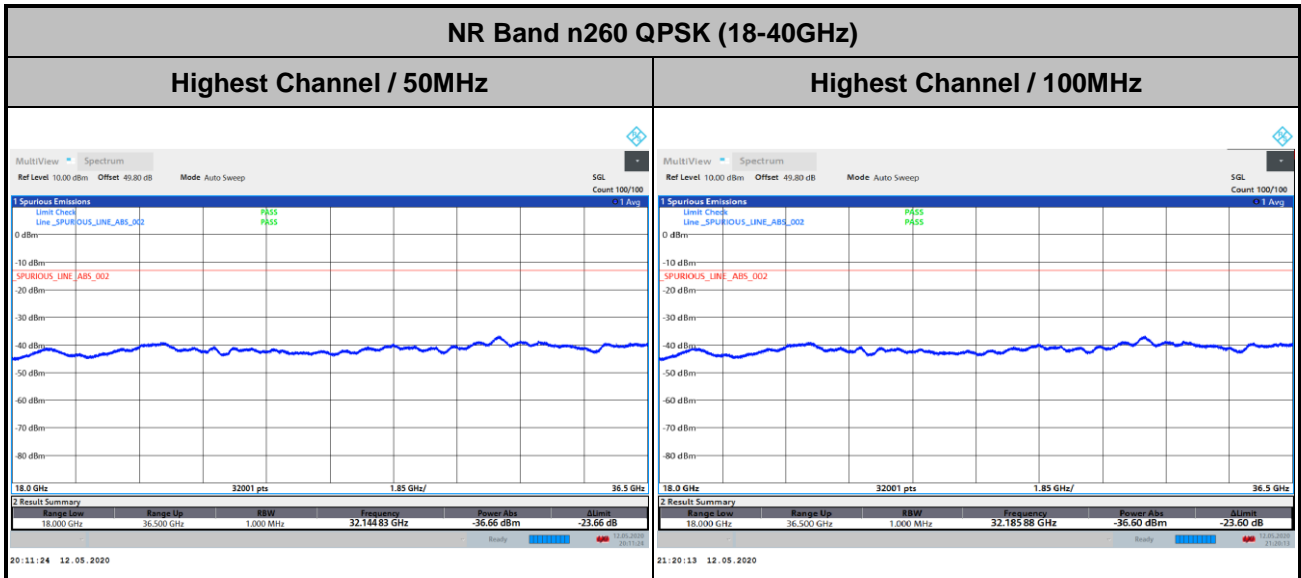


Spurious Emission

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

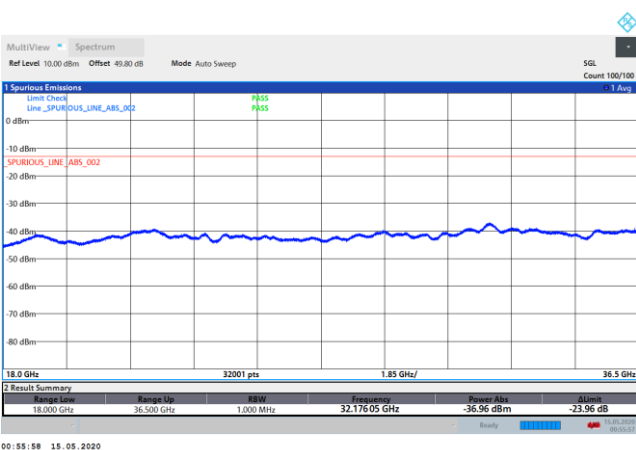
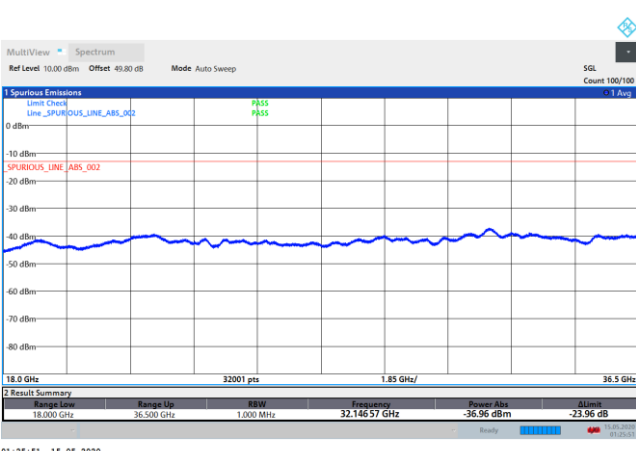
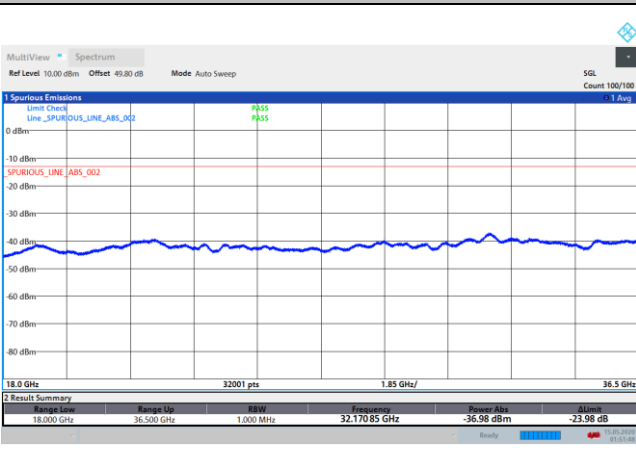
DFT-s-OFDM Module 0







DFT-s-OFDM Module 0

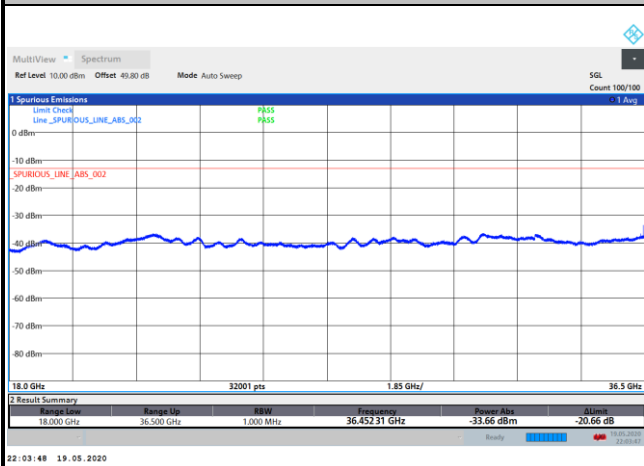
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	intentionally blank
Middle Channel / 200MHz	
	intentionally blank
Highest Channel / 200MHz	
	intentionally blank



DFT-s-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

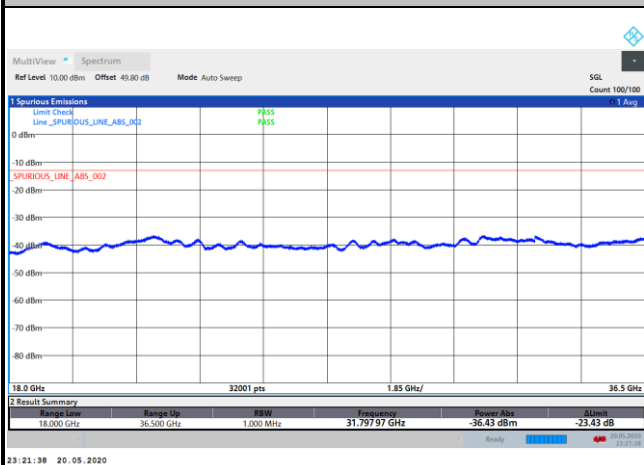
Lowest Channel / 50MHz



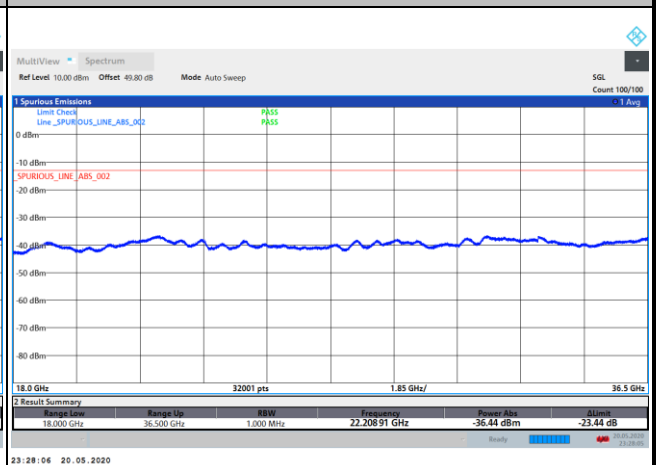
Lowest Channel / 100MHz



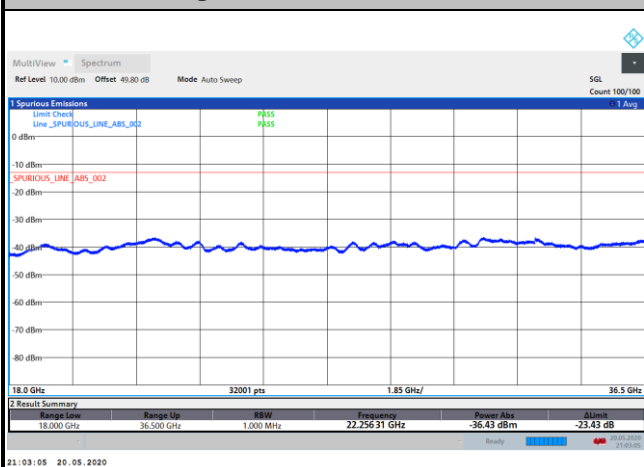
Middle Channel / 50MHz



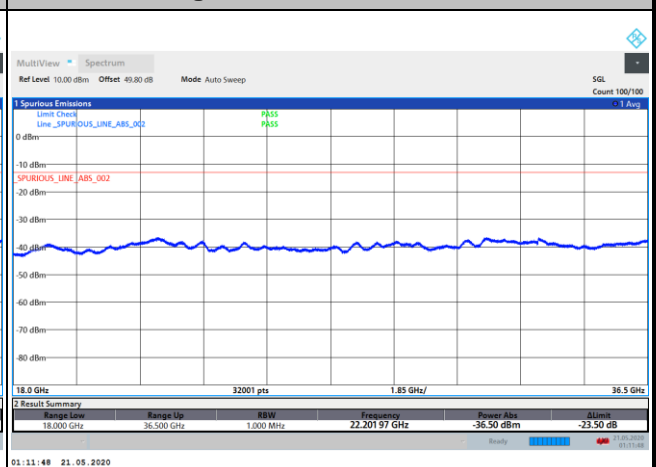
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz





DFT-s-OFDM Module 1

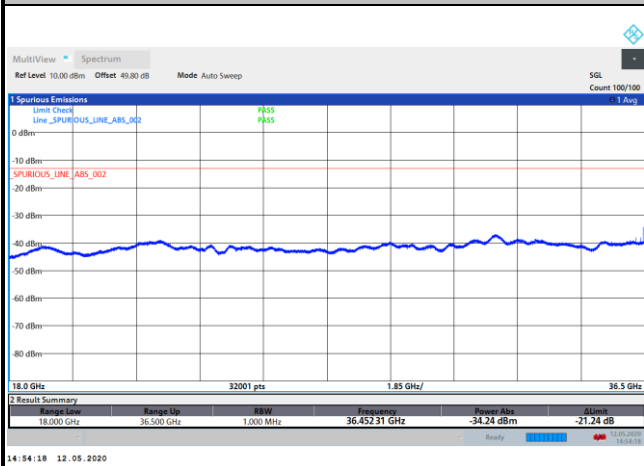
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
<p>MultiView Spectrum Ref Level 10.00 dBm Offset 49.80 dB Mode Auto Sweep SGL Count 100/100 Spurious Emissions Limits Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Attm 18.000 GHz 36.500 GHz 1.000 MHz 36.452 88 GHz -36.19 dBm -23.19 dB 22:59:45 21.05.2020</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 Limits Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Attm 18.000 GHz 36.500 GHz 1.000 MHz 22.212 95 GHz -36.44 dBm -23.44 dB 14:34:39 22.05.2020</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 Limits Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002 18.0 GHz 32001 pts 1.85 GHz/ 36.5 GHz Result Summary Range Low Range Up RBW Frequency Power Abs Attm 18.000 GHz 36.500 GHz 1.000 MHz 31.802 59 GHz -36.31 dBm -23.31 dB 16:14:39 22.05.2020</p>	intentionally blank



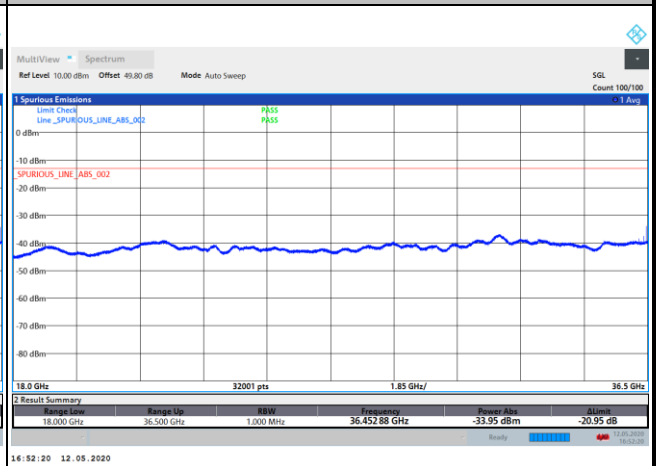
CP-OFDM Module 0

NR Band n260 QPSK (18-40GHz)

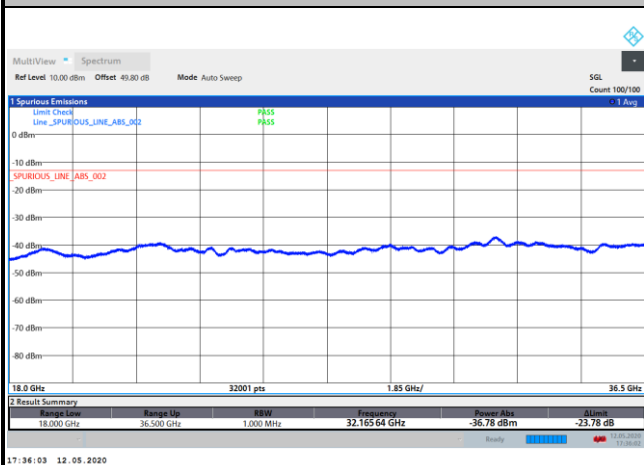
Lowest Channel / 50MHz



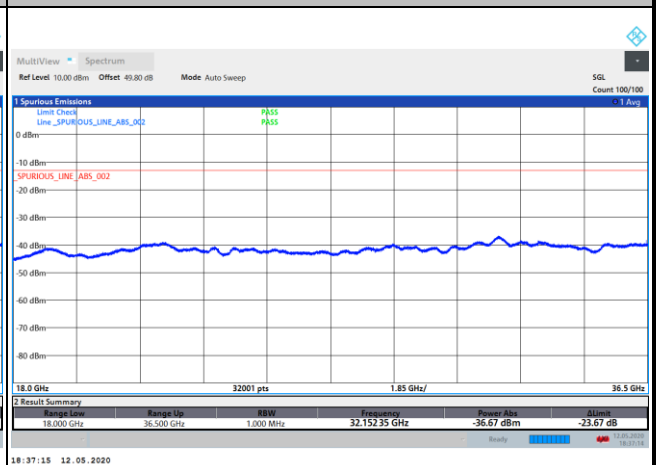
Lowest Channel / 100MHz



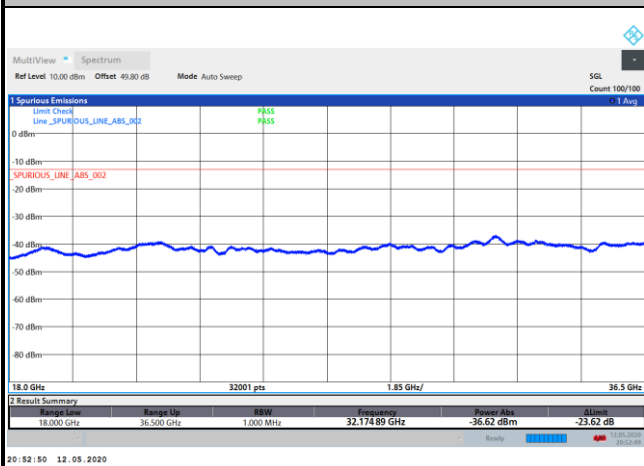
Middle Channel / 50MHz



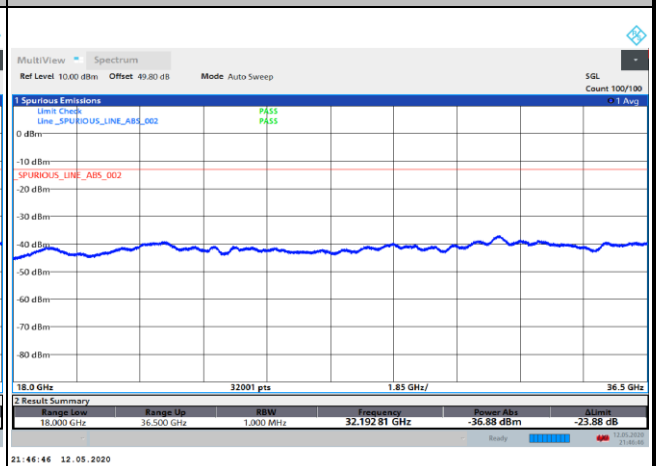
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz

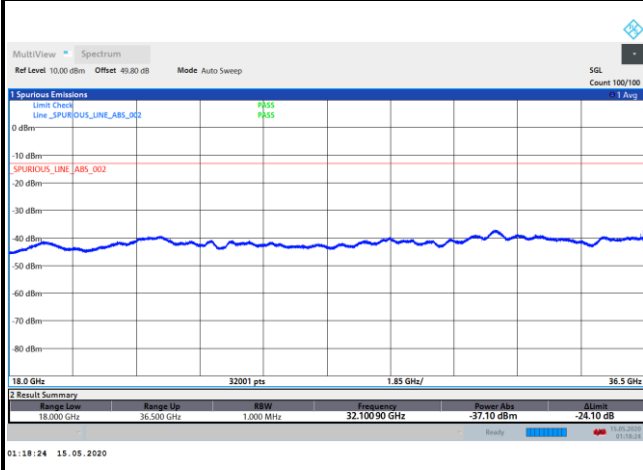




CP-OFDM Module 0

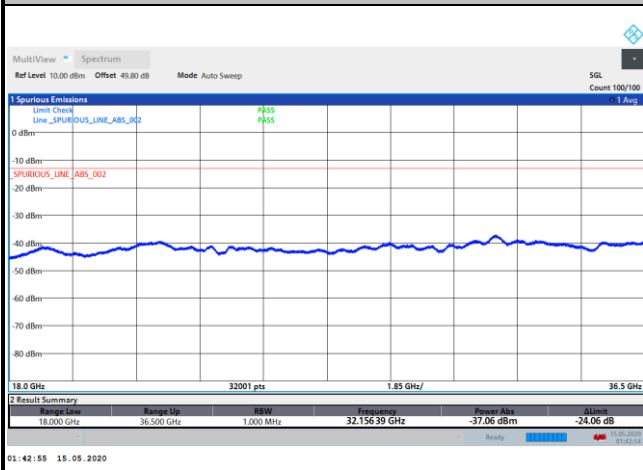
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 200MHz



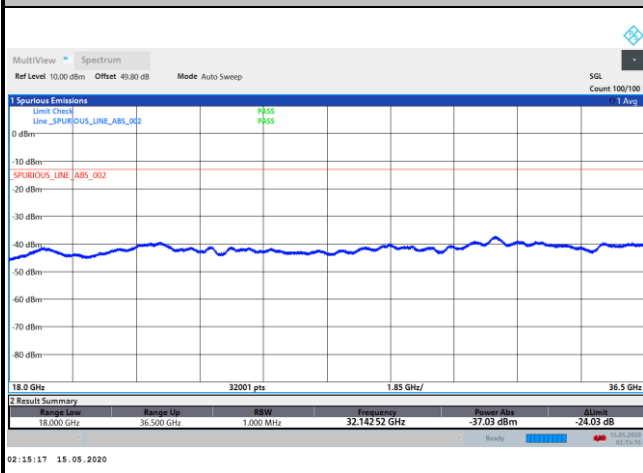
intentionally blank

Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



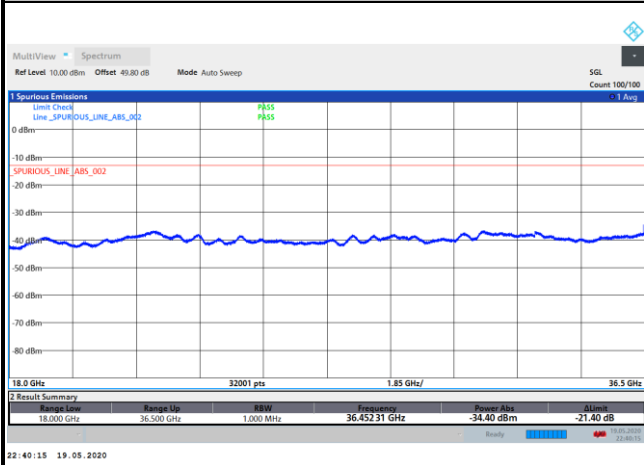
intentionally blank



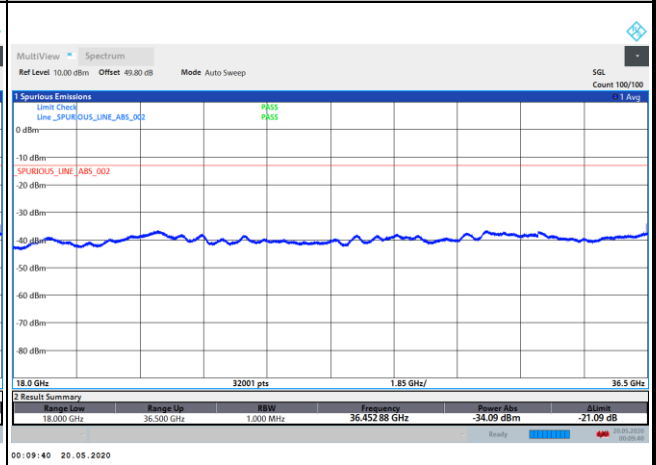
CP-OFDM Module 1

NR Band n260 QPSK (18-40GHz)

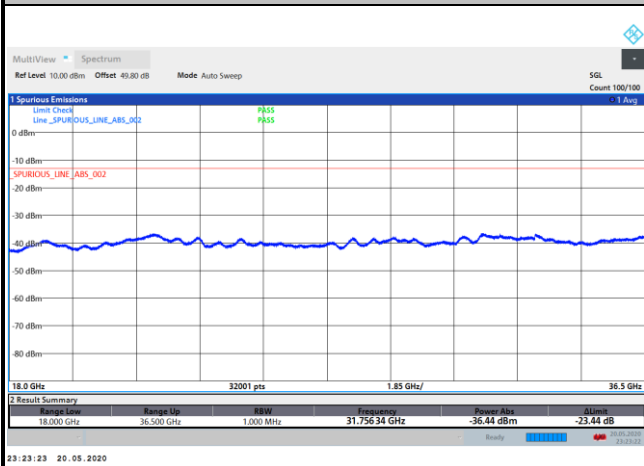
Lowest Channel / 50MHz



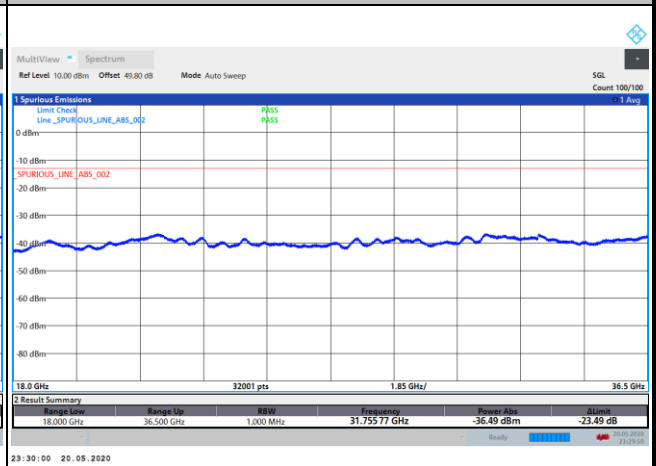
Lowest Channel / 100MHz



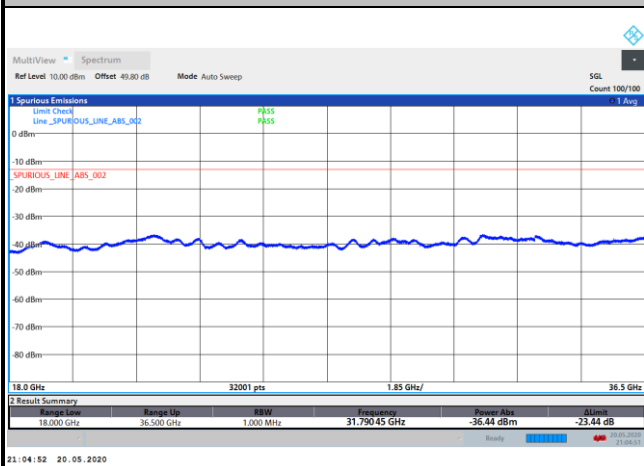
Middle Channel / 50MHz



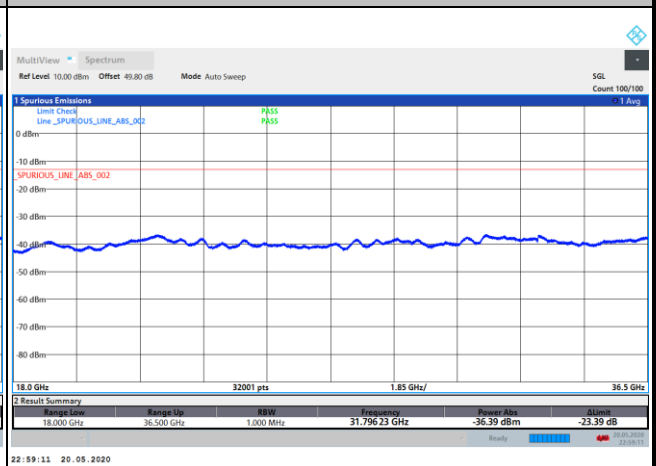
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



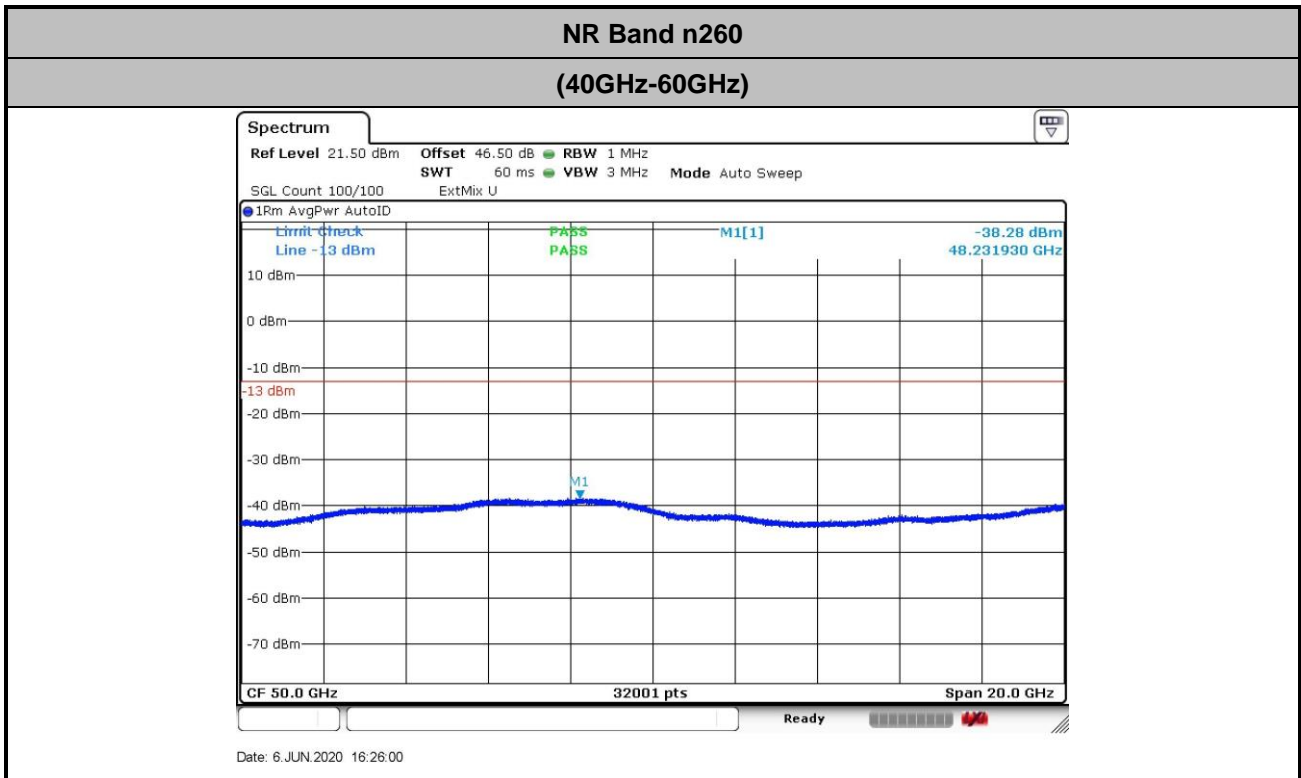


CP-OFDM Module 1

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>	

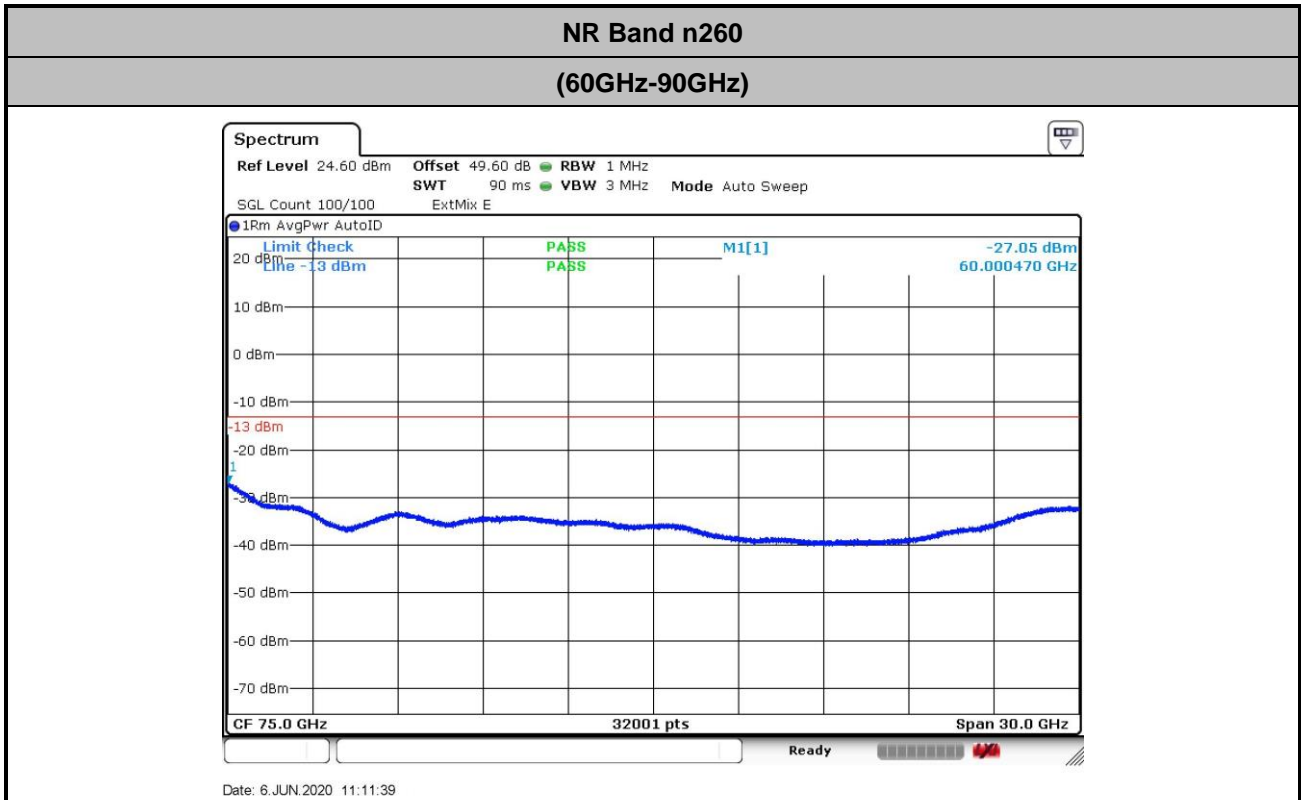


There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.

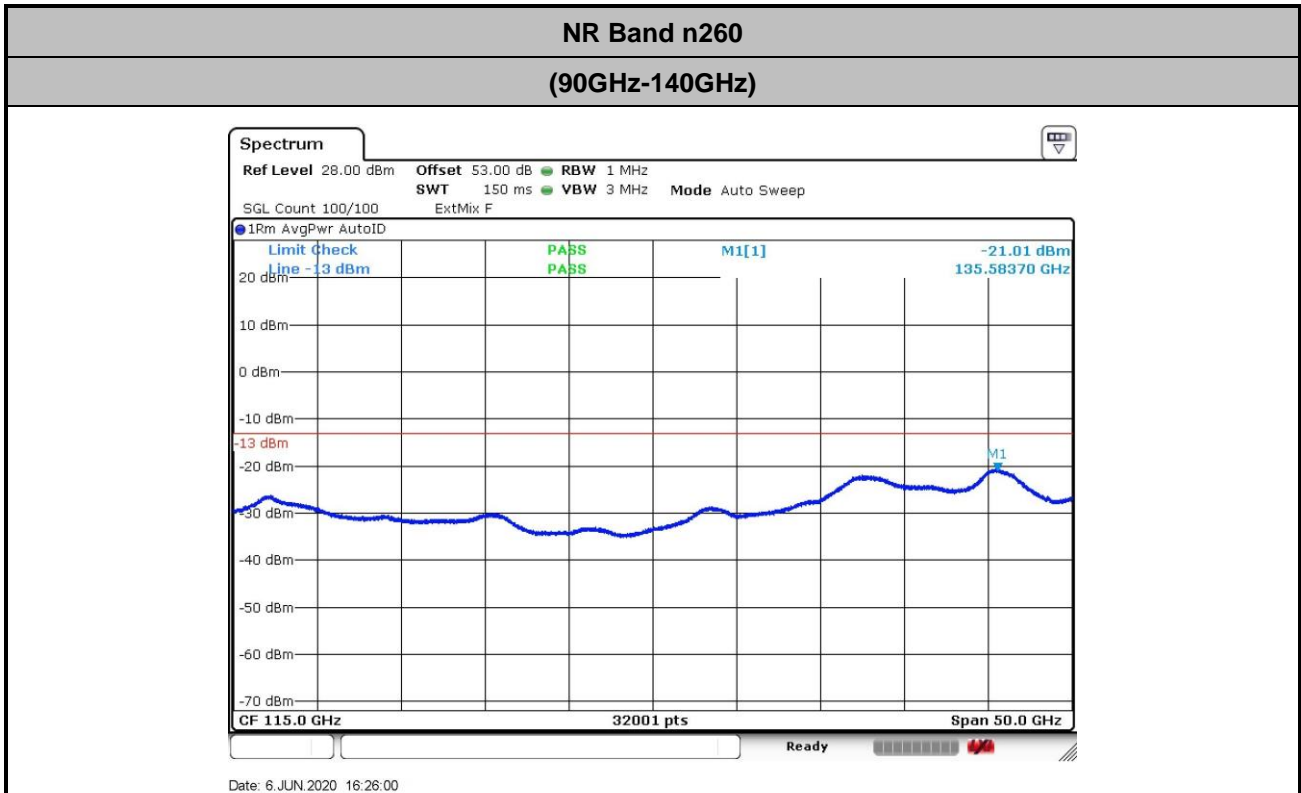


$$\text{Offset} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8$$

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

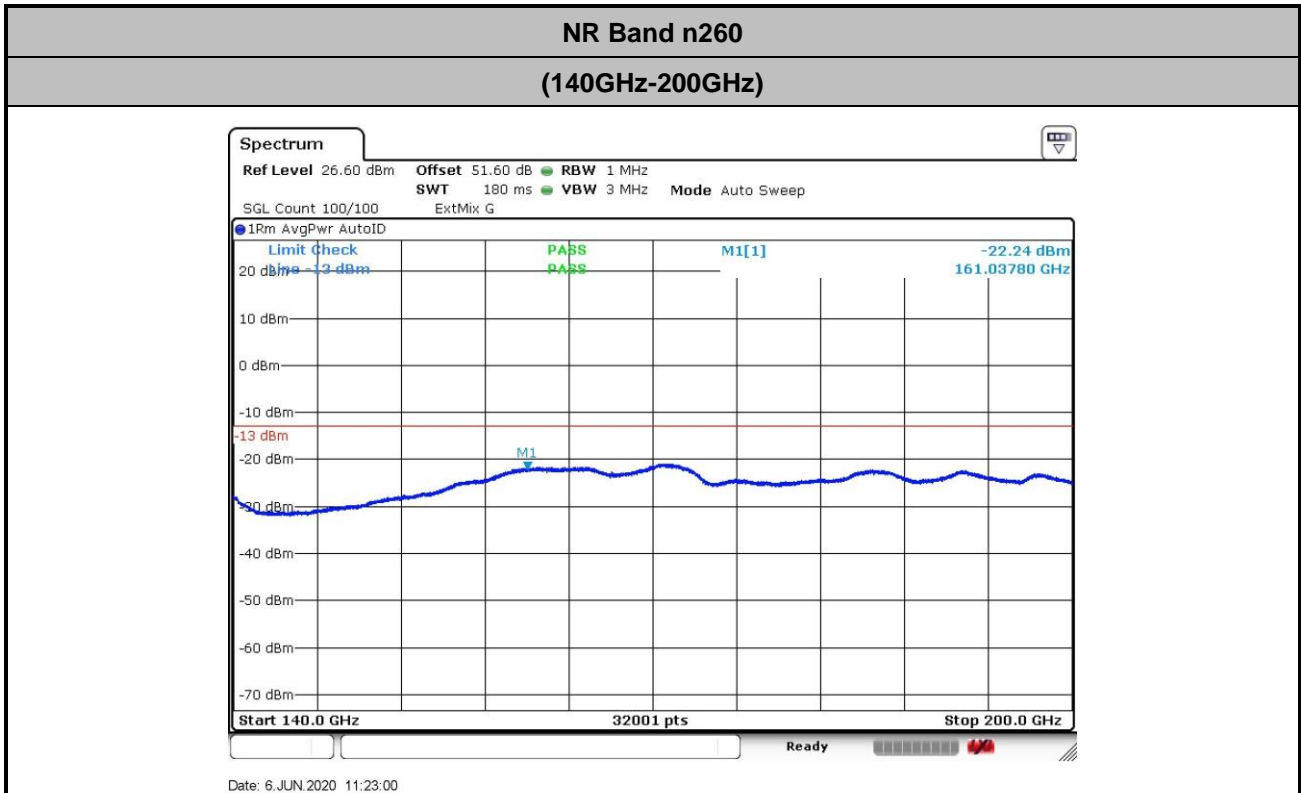


$$\begin{aligned}
 \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\
 &= 47.2 + 2.2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)}
 \end{aligned}$$



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

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



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

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



NR Band n260 AG0+1

Occupied Bandwidth

Mode	DFT-s-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.38	45.09	45.21	90.09	90.57	90.32	188.14	185.75	188.28
Middle CH	45.35	45.42	45.43	90.68	90.54	90.29	188.75	188.85	184.56
Highest CH	45.37	45.31	45.13	90.57	90.74	90.48	187.75	188.12	185.38

Mode	DFT-s-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.17	45.20	45.60	90.28	90.16	90.37	190.23	186.99	189.78
Middle CH	45.14	45.17	45.62	90.18	90.09	90.45	190.41	186.66	190.00
Highest CH	45.27	45.37	45.39	90.14	90.12	90.39	190.17	186.98	189.93

Mode	CP-OFDM Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.30	45.31	45.36	90.30	90.20	90.32	189.81	187.72	189.40
Middle CH	45.27	45.26	45.13	92.80	92.96	92.73	190.71	185.59	188.91
Highest CH	45.09	45.04	45.05	92.50	92.83	92.95	189.69	185.44	188.57

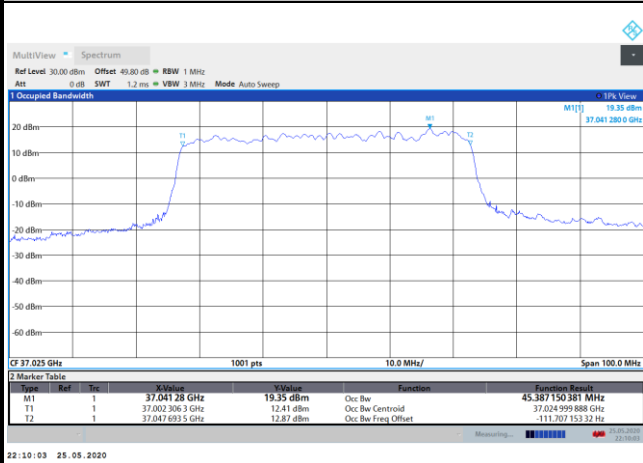
Mode	CP-OFDM Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.21	45.24	45.61	93.00	92.62	92.61	188.99	189.90	188.26
Middle CH	45.26	45.41	45.31	93.04	92.89	92.67	190.27	185.70	188.26
Highest CH	45.35	45.42	45.14	93.16	92.78	92.31	190.48	187.05	189.09



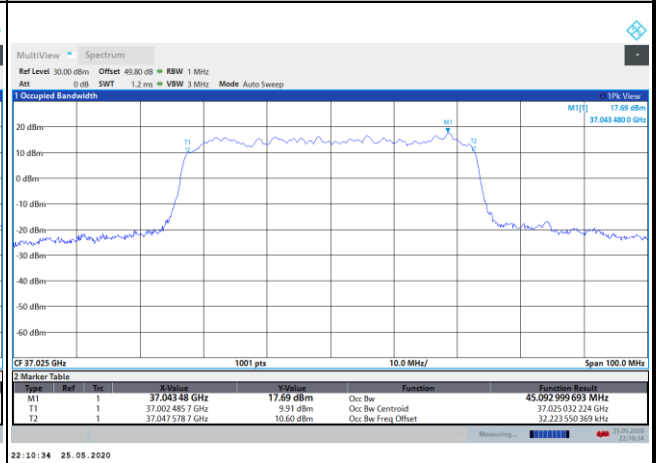
DFT-s-OFDM Module 0

NR Band n260

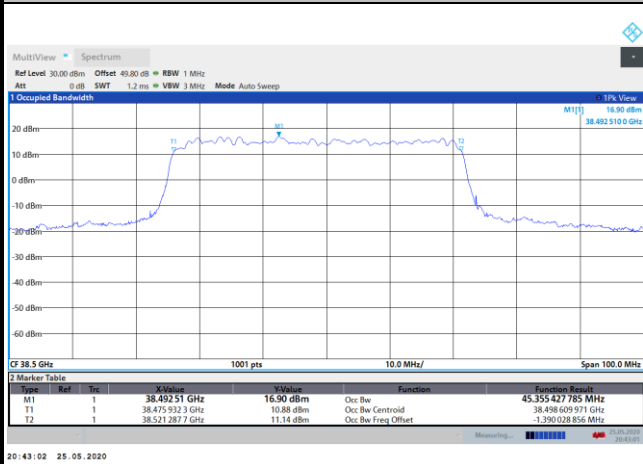
Lowest Channel / 50MHz / QPSK



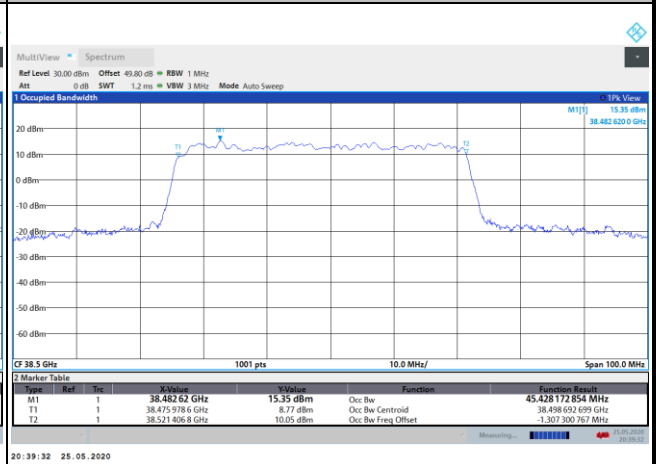
Lowest Channel / 50MHz / 16QAM



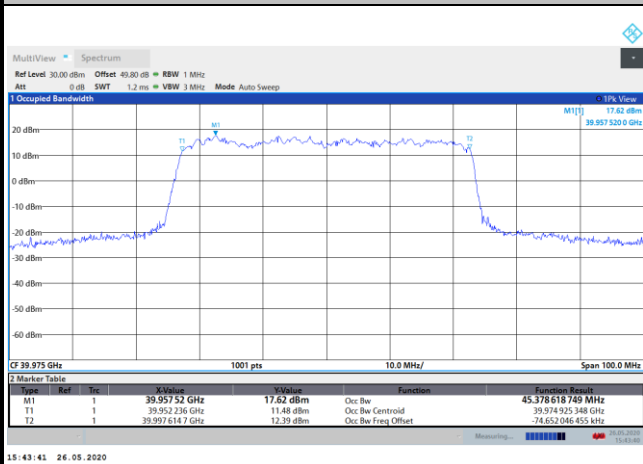
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

