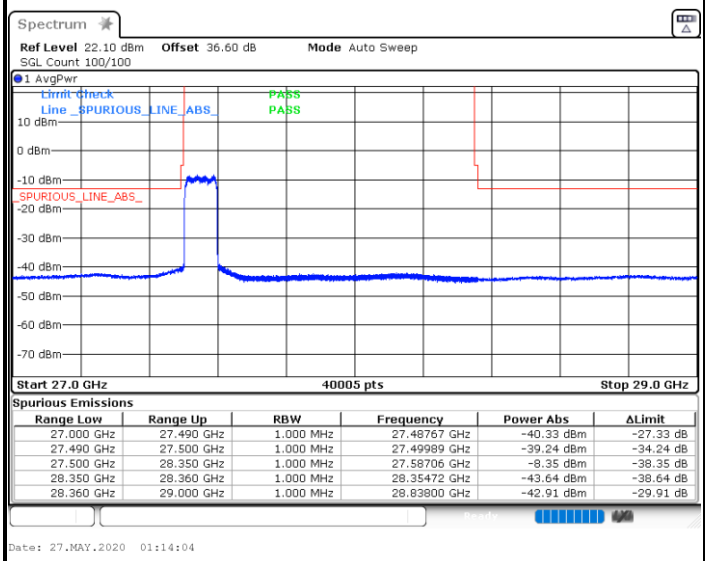
CP-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

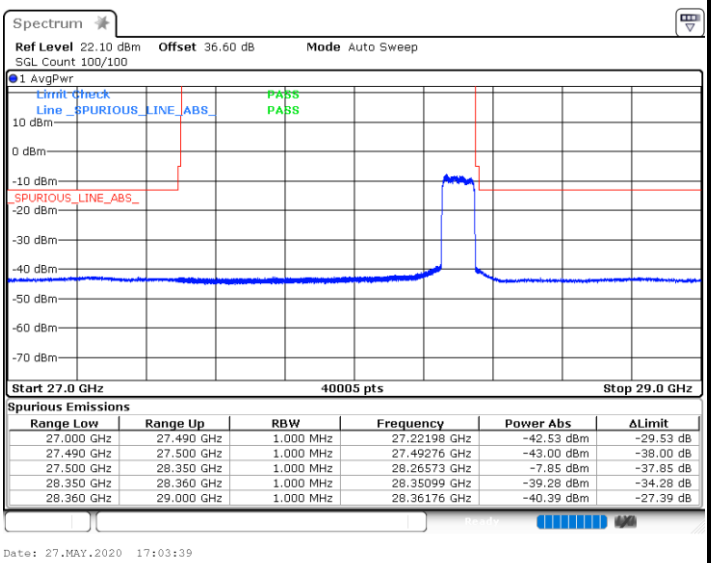


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48767 GHz	-40.33 dBm	-27.33 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49989 GHz	-39.24 dBm	-34.24 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.58706 GHz	-8.35 dBm	-38.35 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35472 GHz	-43.64 dBm	-38.64 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.83800 GHz	-42.91 dBm	-29.91 dB

Date: 27.MAY.2020 01:14:04

Highest Band Edge / Full RB



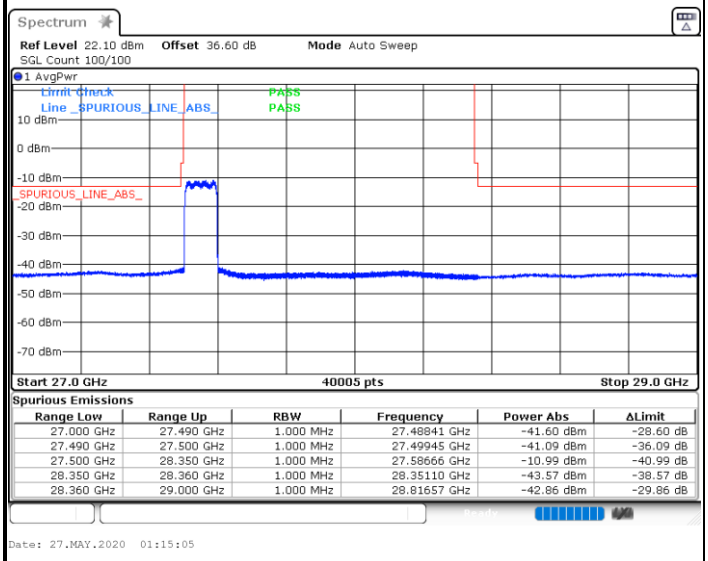
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.22198 GHz	-42.53 dBm	-29.53 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49276 GHz	-43.00 dBm	-38.00 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.26573 GHz	-7.85 dBm	-37.85 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35099 GHz	-39.28 dBm	-34.28 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36176 GHz	-40.39 dBm	-27.39 dB

Date: 27.MAY.2020 17:03:39

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

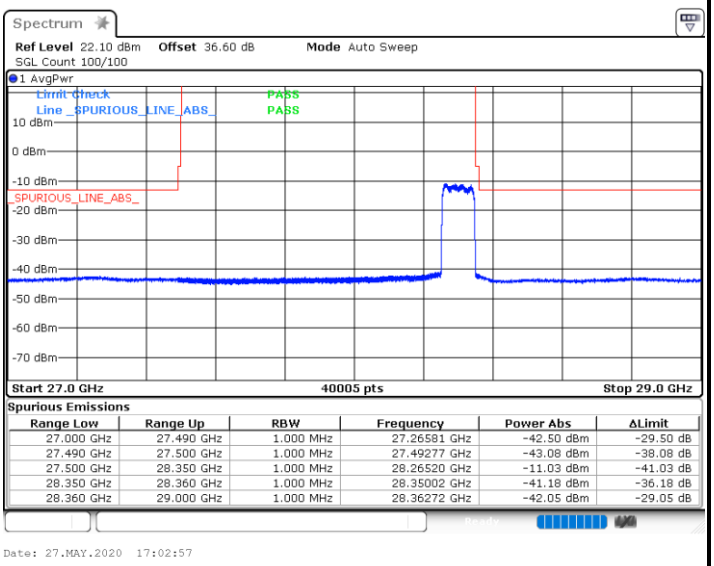


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48841 GHz	-41.60 dBm	-28.60 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49945 GHz	-41.09 dBm	-36.09 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.58666 GHz	-10.99 dBm	-40.99 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35110 GHz	-43.57 dBm	-38.57 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.81657 GHz	-42.86 dBm	-29.86 dB

Date: 27.MAY.2020 01:15:05

Highest Band Edge / Full RB



Spurious Emissions

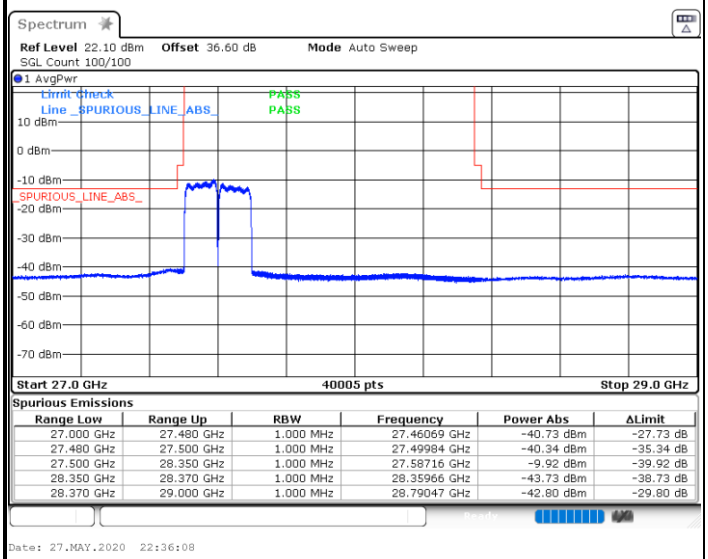
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.26581 GHz	-42.50 dBm	-29.50 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49277 GHz	-43.08 dBm	-38.08 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.26520 GHz	-11.03 dBm	-41.03 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35002 GHz	-41.18 dBm	-36.18 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36272 GHz	-42.05 dBm	-29.05 dB

Date: 27.MAY.2020 17:02:57

CP-OFDM Module 1

NR Band n261 / 200MHz / QPSK

Lowest Band Edge / Full RB

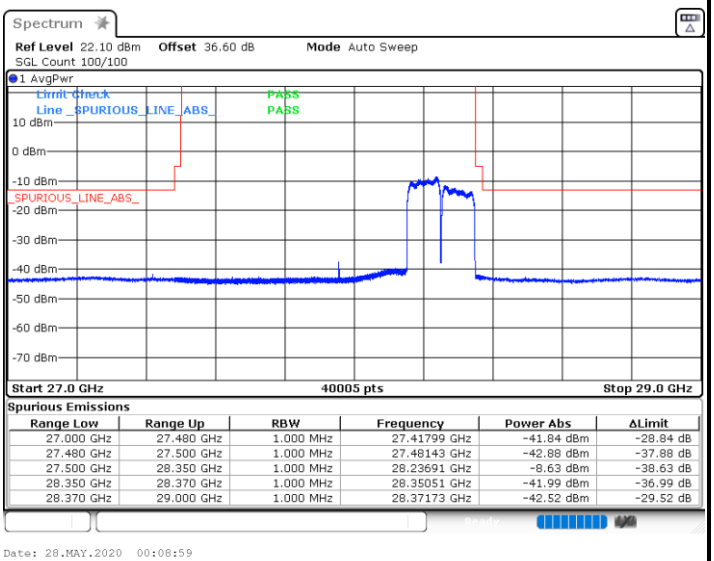


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.46069 GHz	-40.73 dBm	-27.73 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.49984 GHz	-40.34 dBm	-35.34 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.58716 GHz	-9.92 dBm	-39.92 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.35966 GHz	-43.73 dBm	-38.73 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.79047 GHz	-42.80 dBm	-29.80 dB

Date: 27.MAY.2020 22:36:08

Highest Band Edge / Full RB



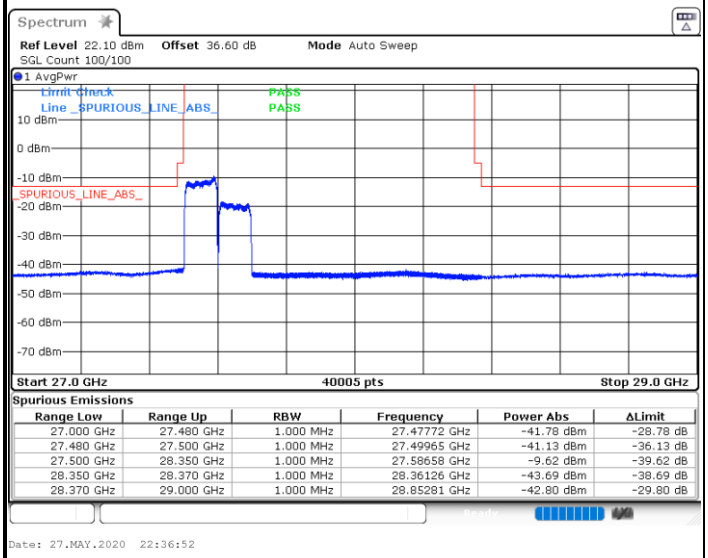
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.41799 GHz	-41.84 dBm	-28.84 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.48143 GHz	-42.88 dBm	-37.88 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.23691 GHz	-8.63 dBm	-38.63 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.35051 GHz	-41.99 dBm	-36.99 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.37173 GHz	-42.52 dBm	-29.52 dB

Date: 28.MAY.2020 00:08:59

NR Band n261 / 200MHz / 16QAM

Lowest Band Edge / Full RB

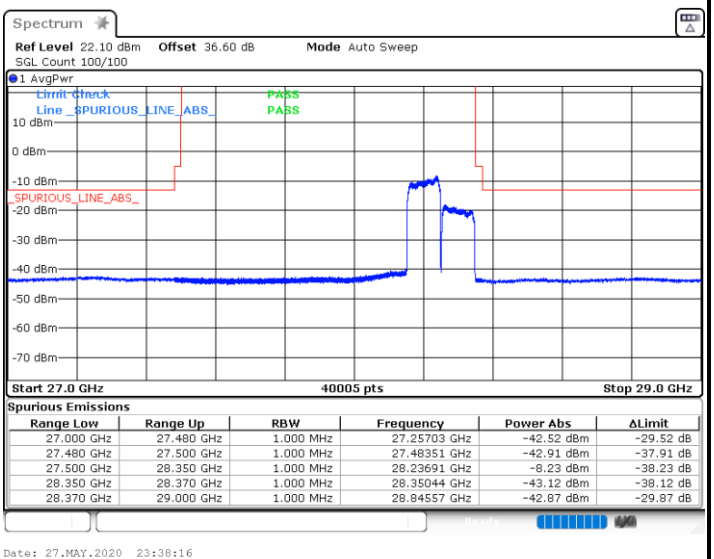


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.47772 GHz	-41.78 dBm	-28.78 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.49965 GHz	-41.13 dBm	-36.13 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.58658 GHz	-9.62 dBm	-39.62 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.36126 GHz	-43.69 dBm	-38.69 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.85281 GHz	-42.80 dBm	-29.80 dB

Date: 27.MAY.2020 22:36:52

Highest Band Edge / Full RB



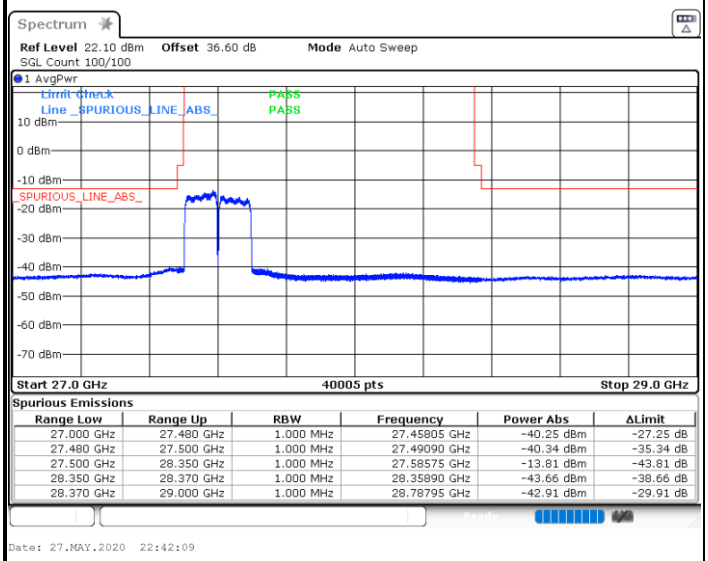
Spurious Emissions

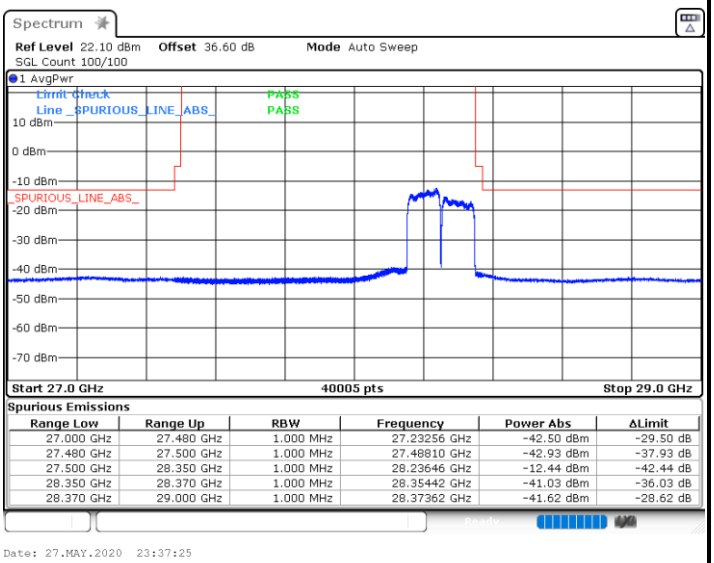
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.480 GHz	1.000 MHz	27.25703 GHz	-42.52 dBm	-29.52 dB
27.480 GHz	27.500 GHz	1.000 MHz	27.48351 GHz	-42.91 dBm	-37.91 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.23691 GHz	-8.23 dBm	-38.23 dB
28.350 GHz	28.370 GHz	1.000 MHz	28.35044 GHz	-43.12 dBm	-38.12 dB
28.370 GHz	29.000 GHz	1.000 MHz	28.84557 GHz	-42.87 dBm	-29.87 dB

Date: 27.MAY.2020 23:38:16

CP-OFDM Module 1

NR Band n261 / 200MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





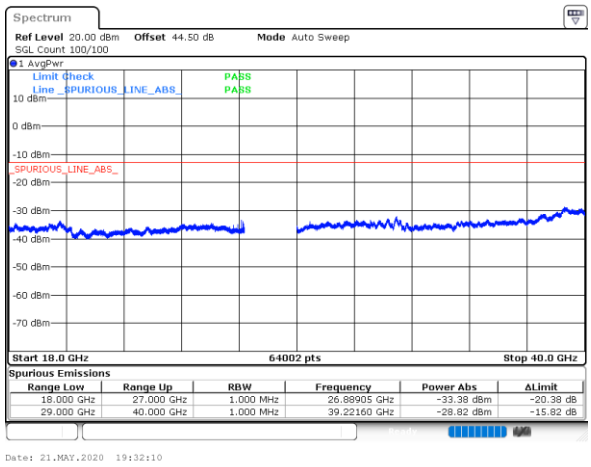
Spurious Emission

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

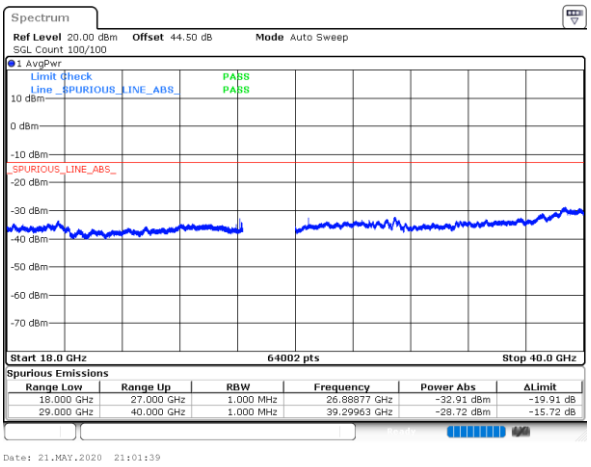
DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

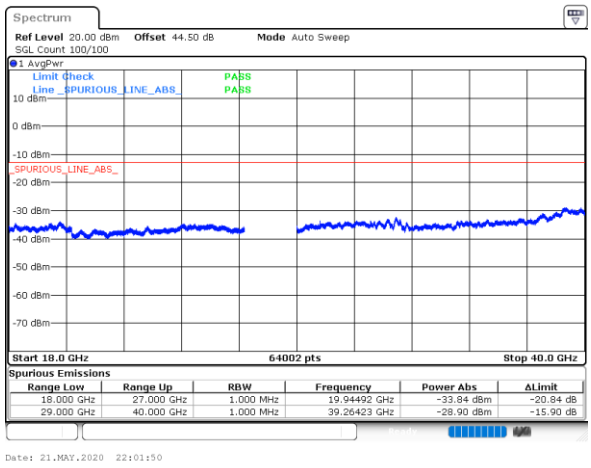
Lowest Channel / 50MHz



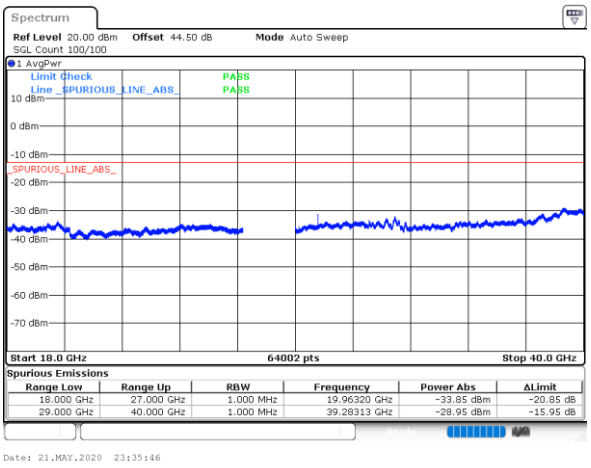
Lowest Channel / 100MHz



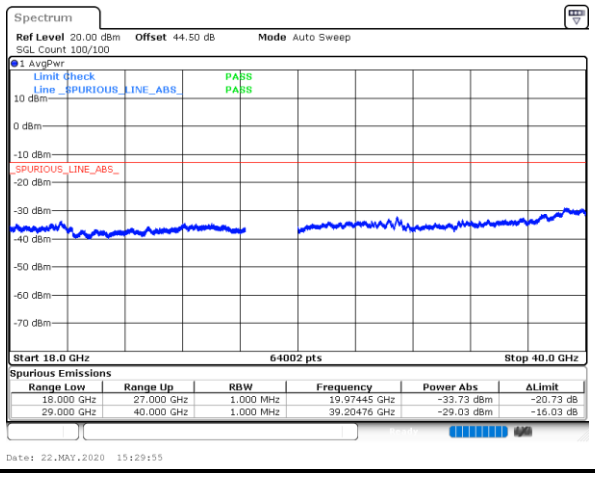
Middle Channel / 50MHz

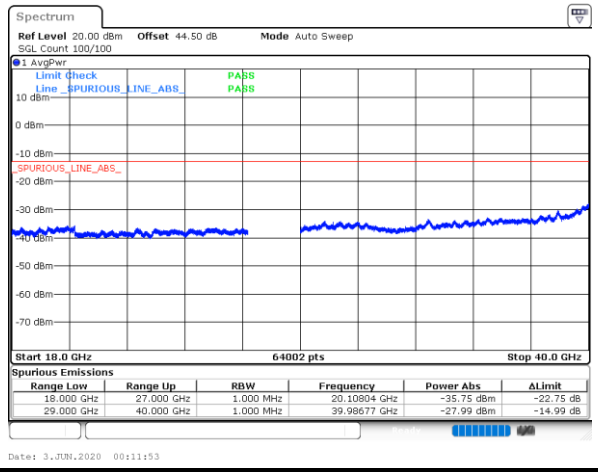


Middle Channel / 100MHz

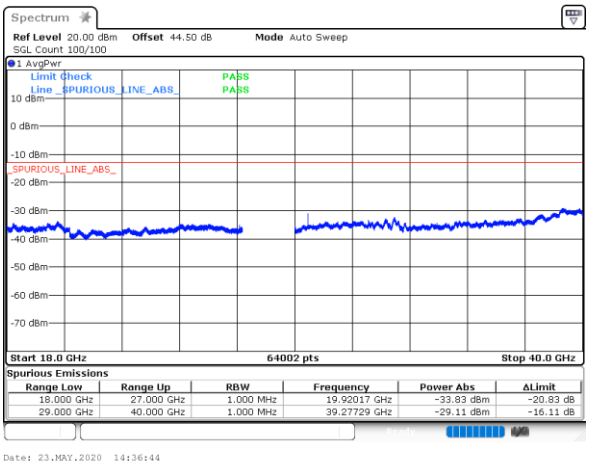
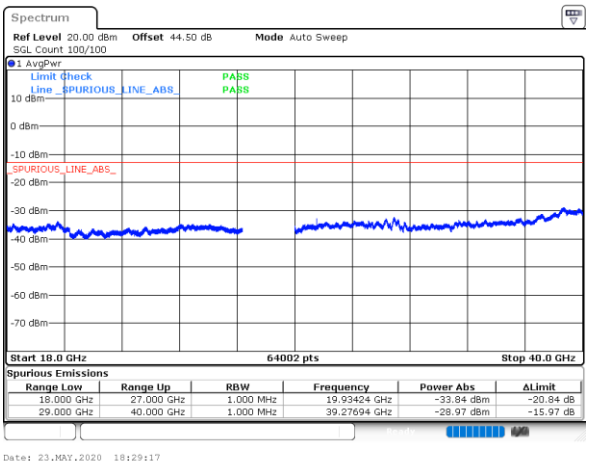
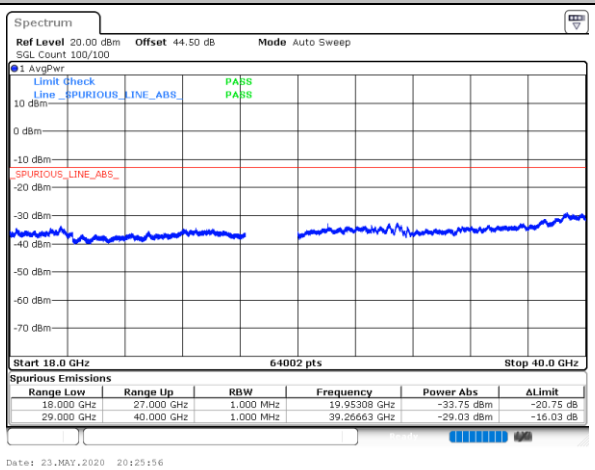


NR Band n261 QPSK (18-40GHz)	
Highest Channel / 50MHz	**Highest Channel / 100MHz**





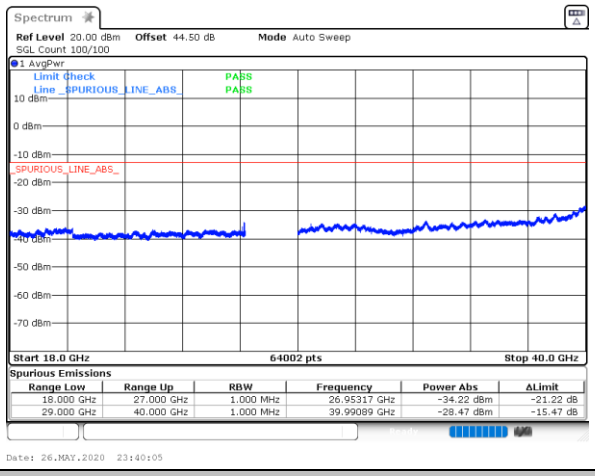
DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

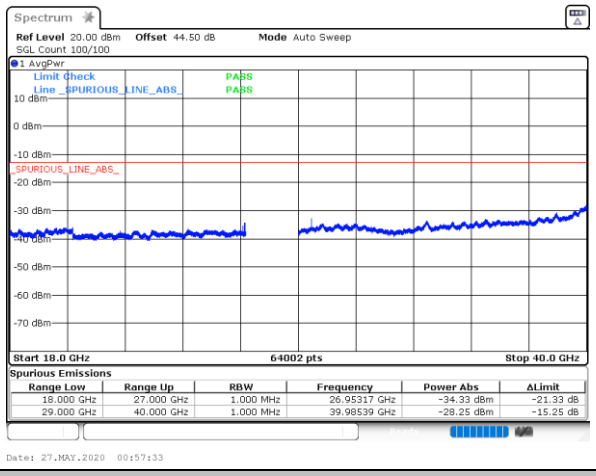
DFT-s-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

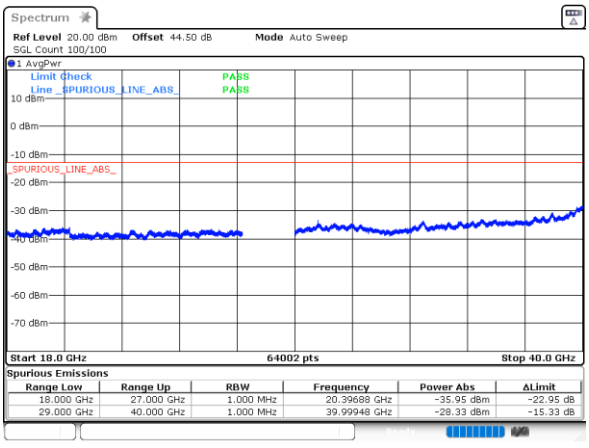
Lowest Channel / 50MHz



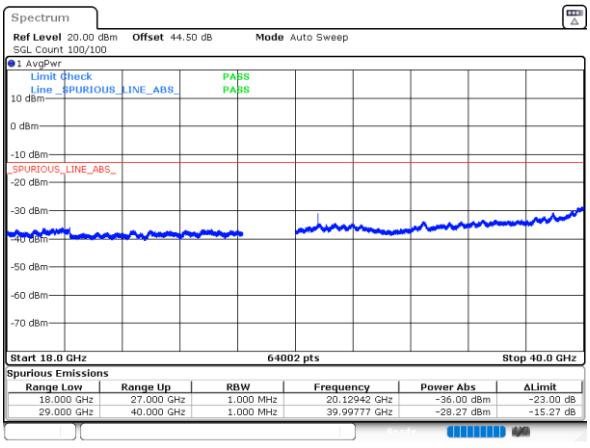
Lowest Channel / 100MHz



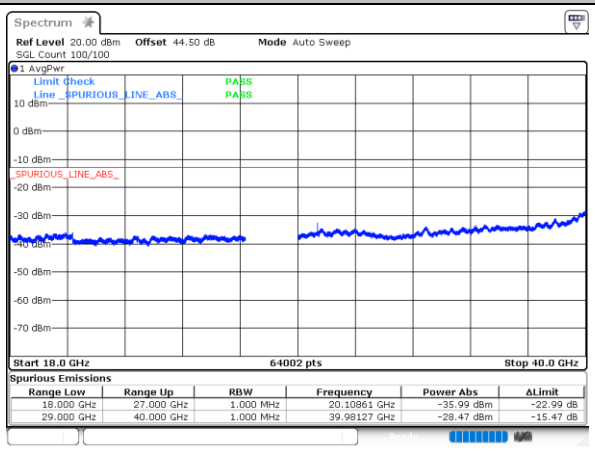
Middle Channel / 50MHz



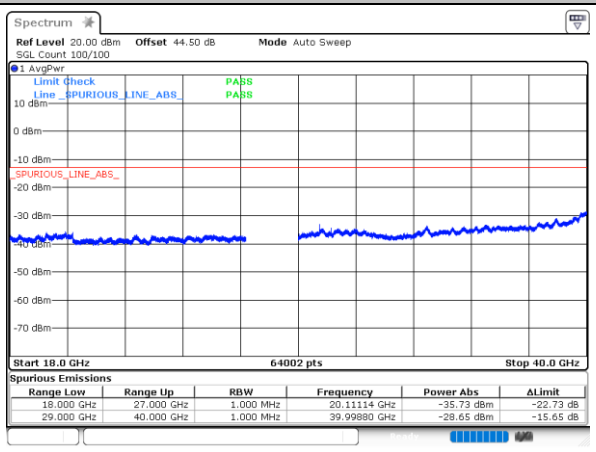
Middle Channel / 100MHz



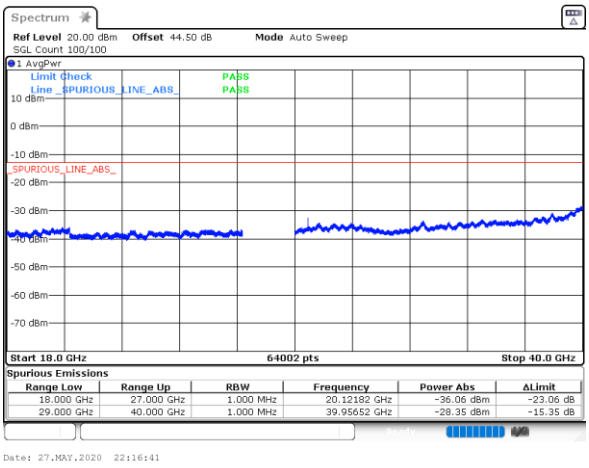
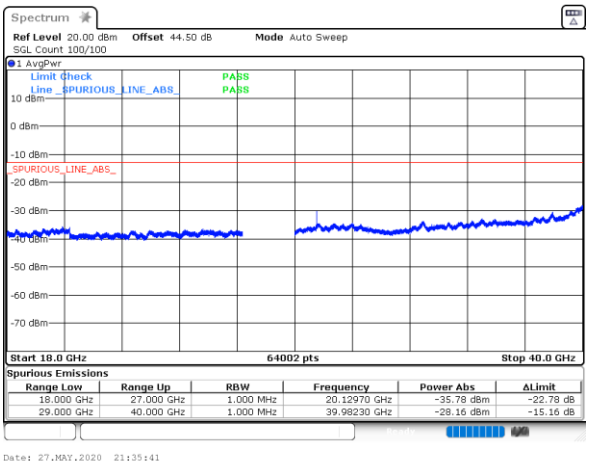
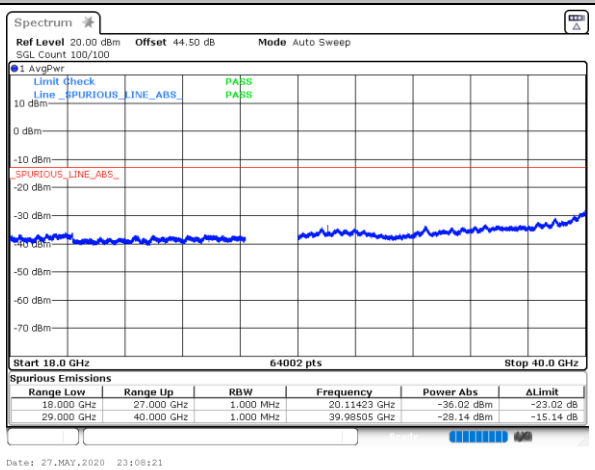
Highest Channel / 50MHz



Highest Channel / 100MHz



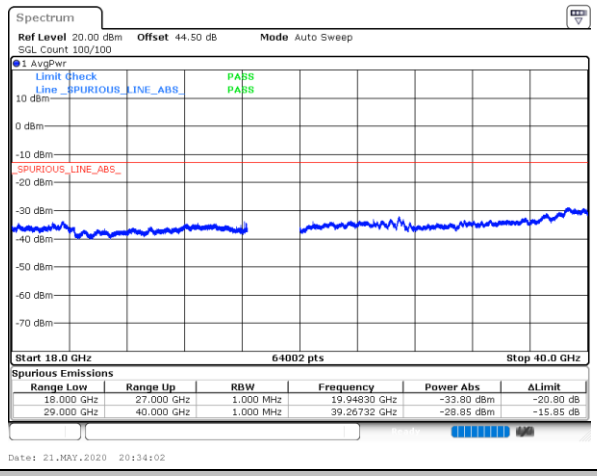
DFT-s-OFDM Module 1

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

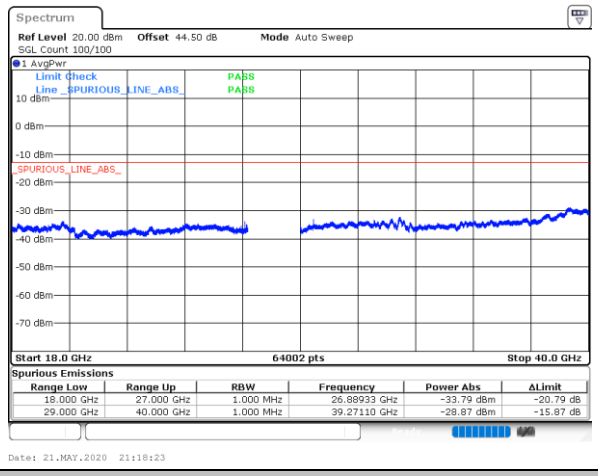
CP-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

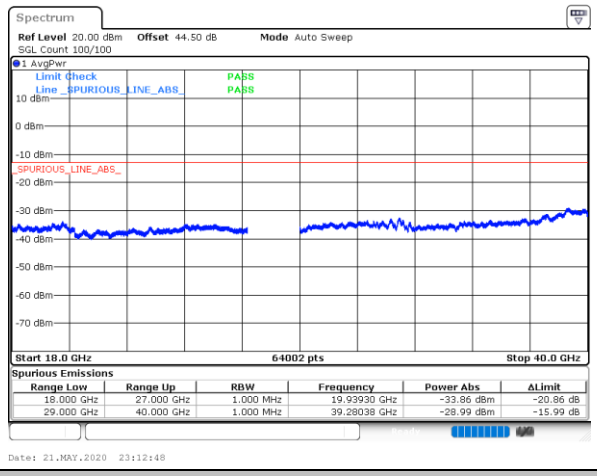
Lowest Channel / 50MHz



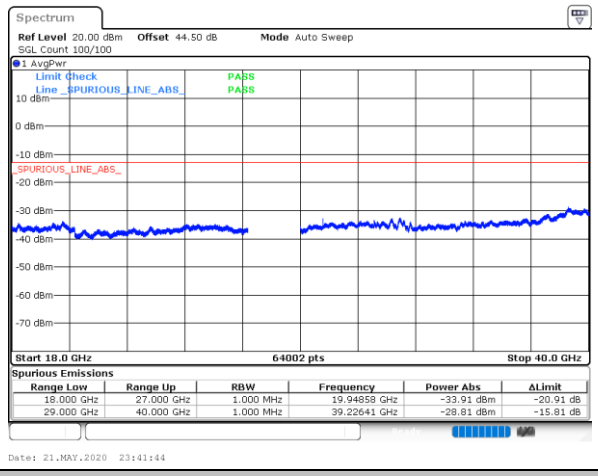
Lowest Channel / 100MHz



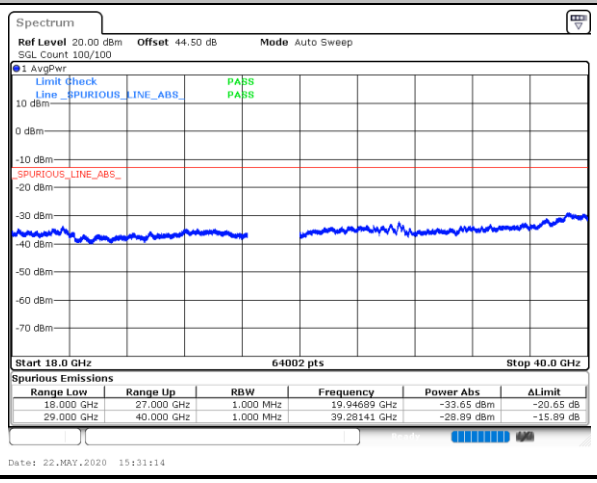
Middle Channel / 50MHz



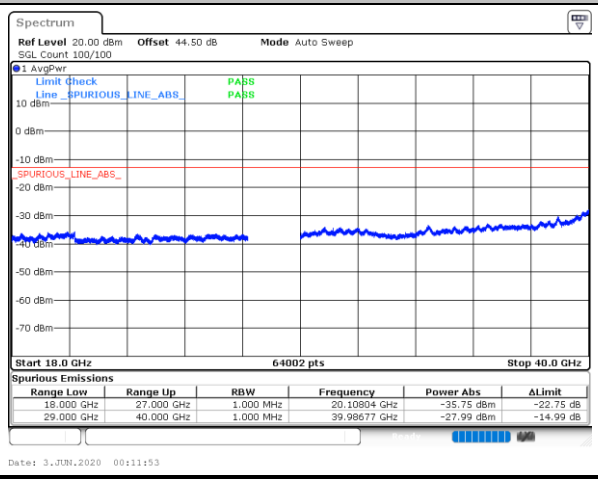
Middle Channel / 100MHz



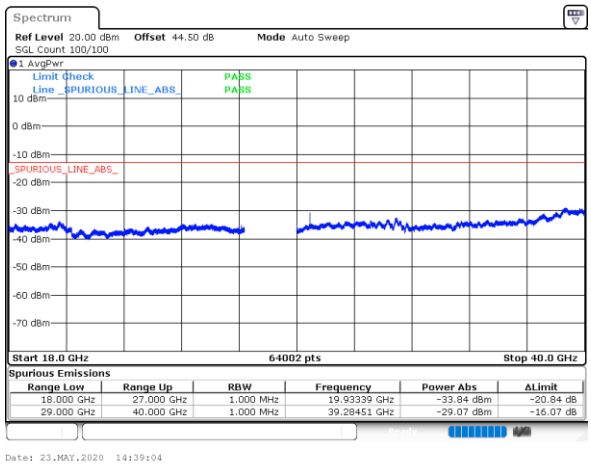
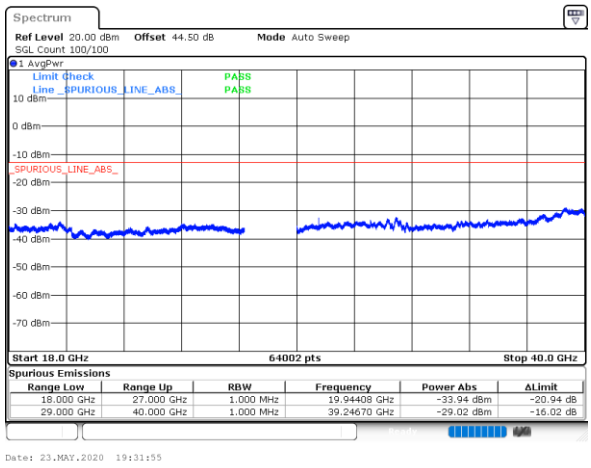
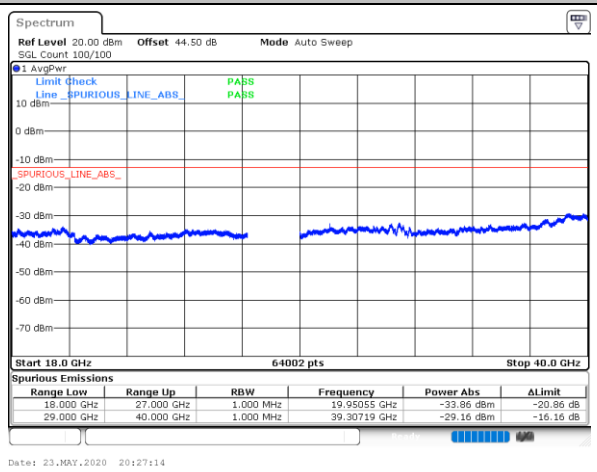
Highest Channel / 50MHz



Highest Channel / 100MHz



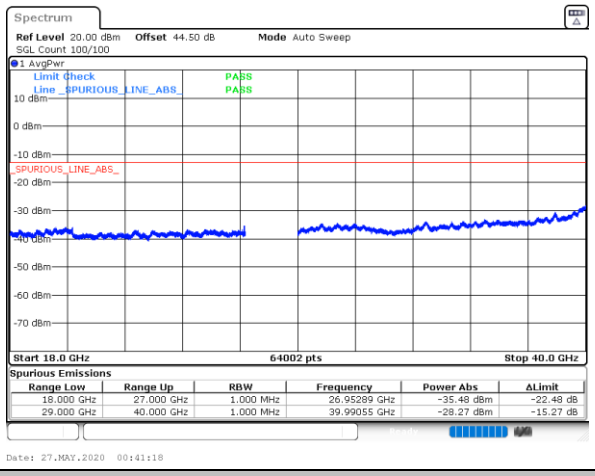
CP-OFDM Module 0

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

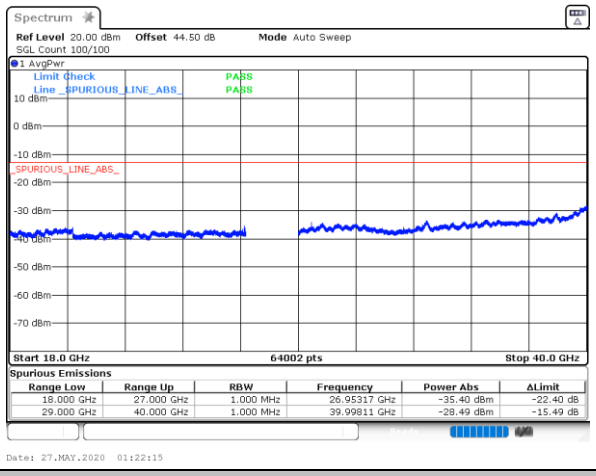
CP-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

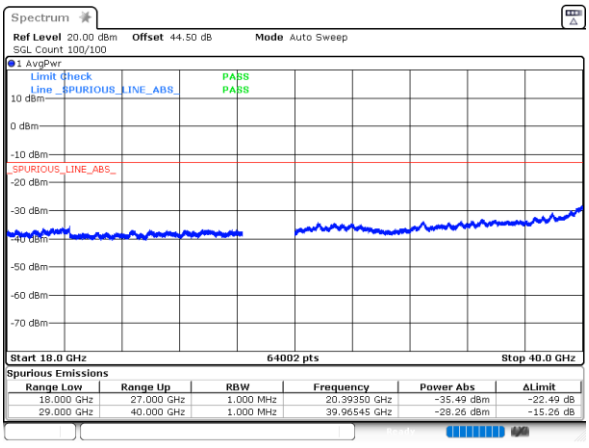
Lowest Channel / 50MHz



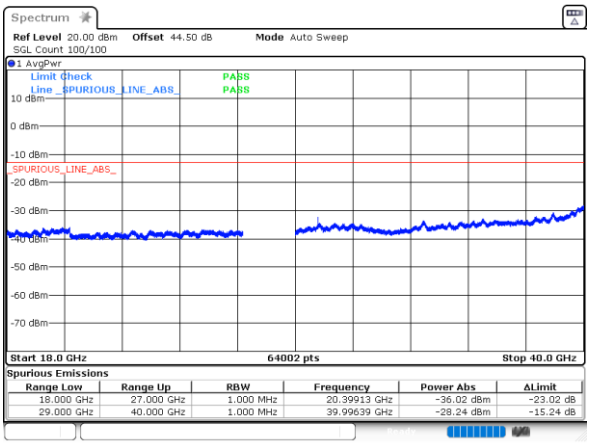
Lowest Channel / 100MHz



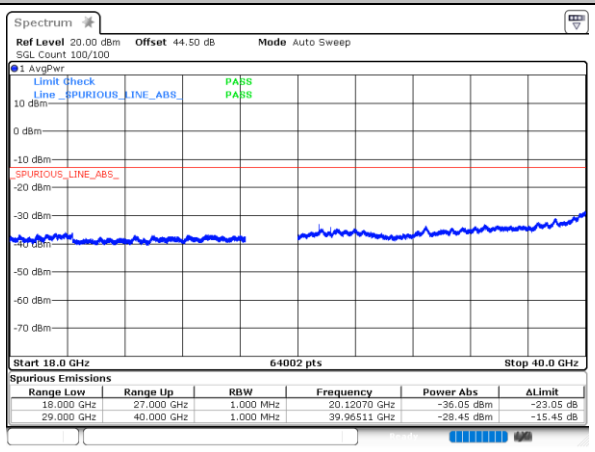
Middle Channel / 50MHz



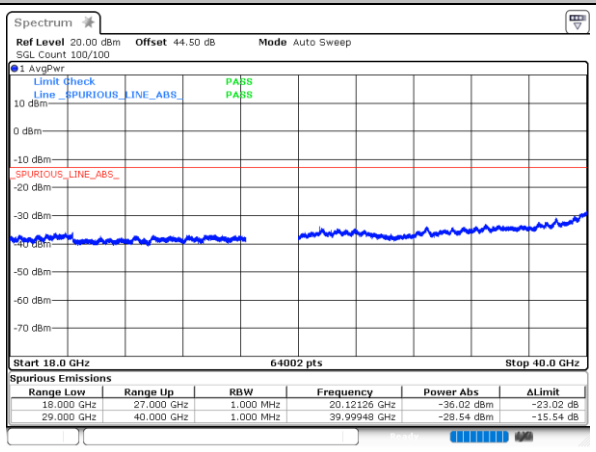
Middle Channel / 100MHz



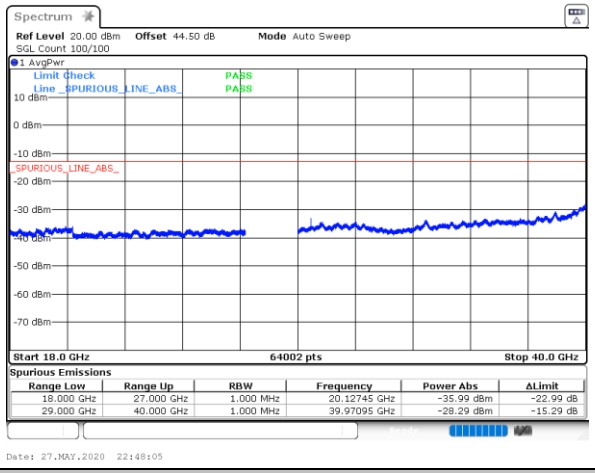
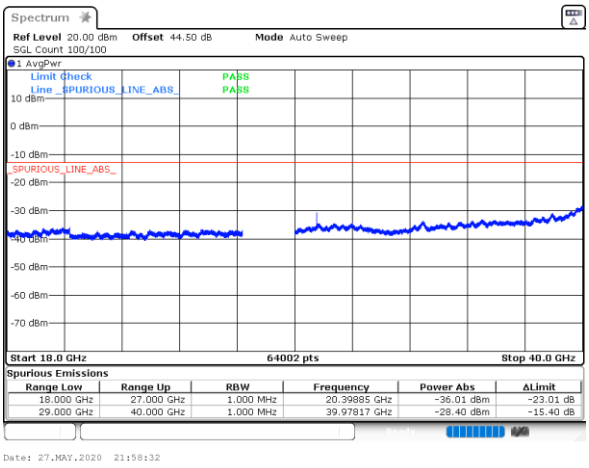
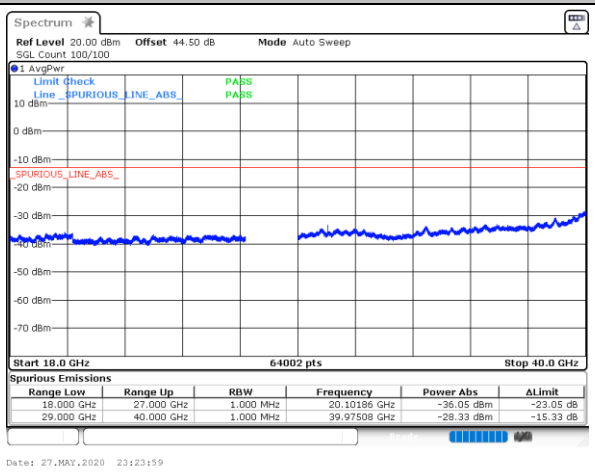
Highest Channel / 50MHz



Highest Channel / 100MHz



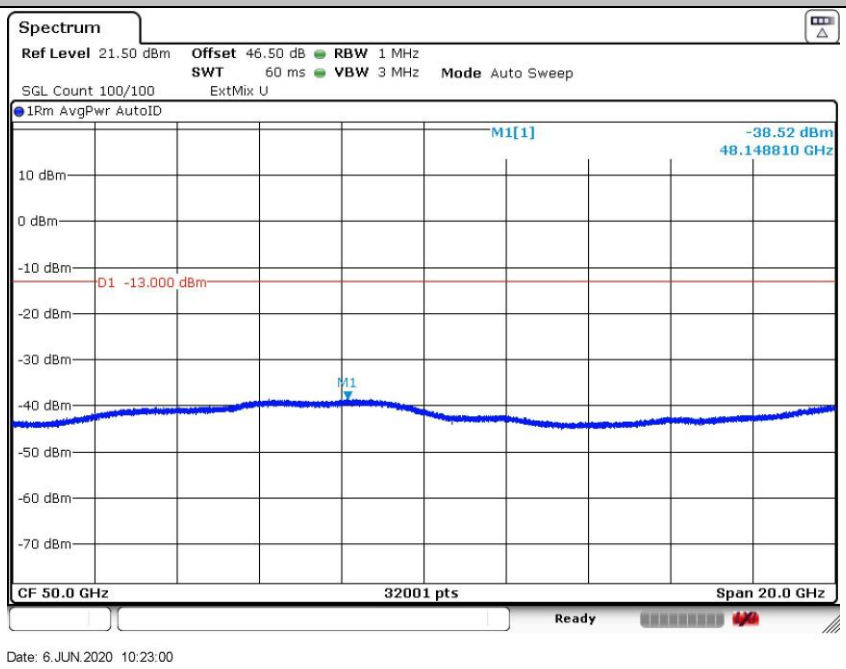
CP-OFDM Module 1

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 200MHz	
	**intentionally blank**
Middle Channel / 200MHz	
	**intentionally blank**
Highest Channel / 200MHz	
	**intentionally blank**

There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.

Only the noise floor is reported.

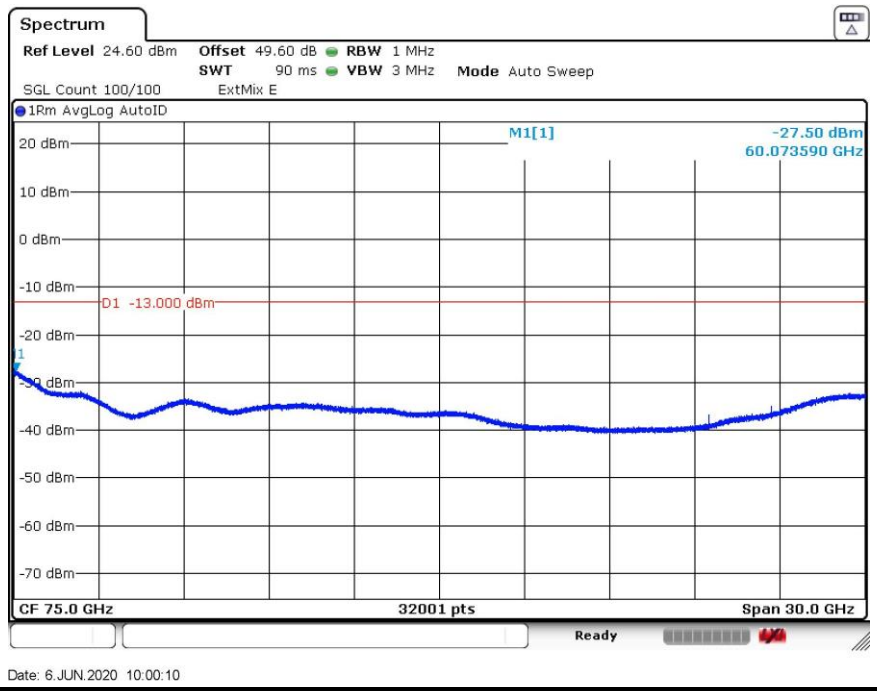
NR Band n261
(40GHz-60GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 42.1 + 2.2 + 107 + 20log(1) – 104.8 = 46.5 (dB)

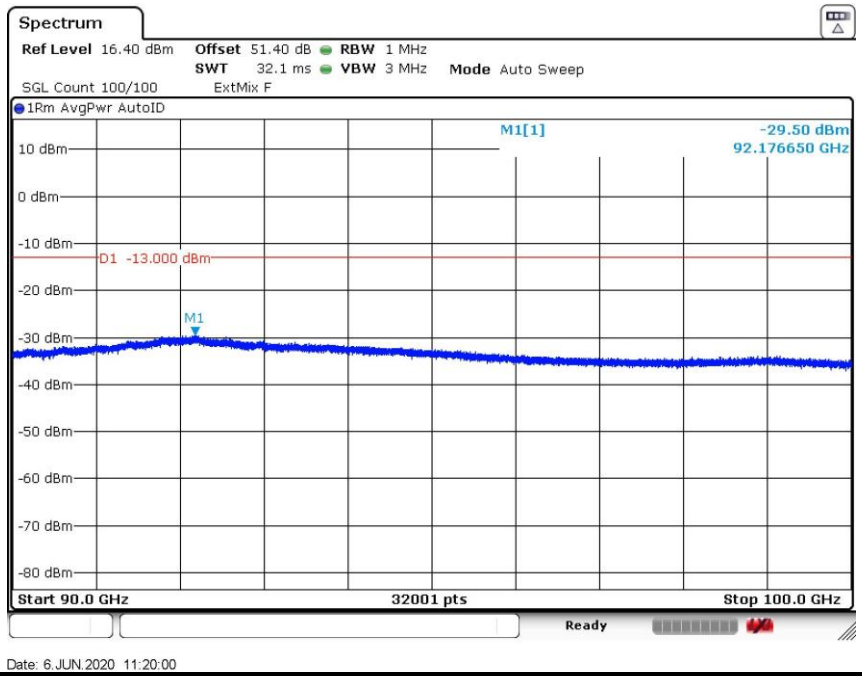
NR Band n261
(60GHz-90GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 47.2 + 2.2 + 107 + 20log(1) – 104.8 = 49.6 (dB)

NR Band n261
(90GHz-100GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 49.0 + 2.2 + 107 + 20log(1) – 104.8 = 51.4 (dB)

NR Band n261 AG0+1

Occupied Bandwidth

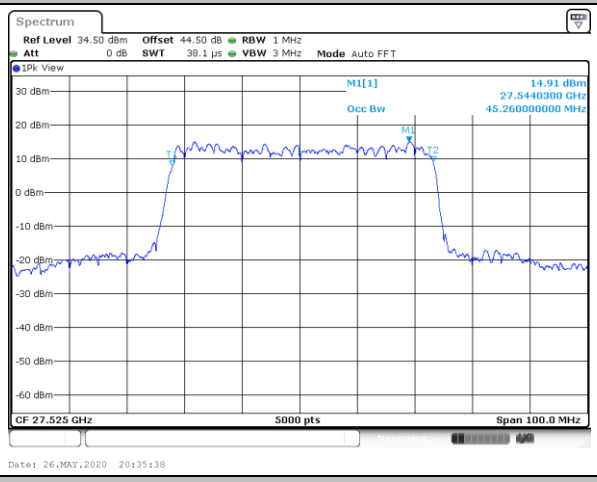
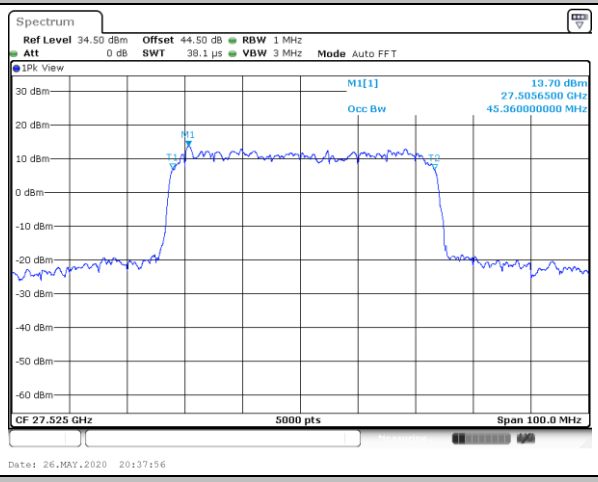
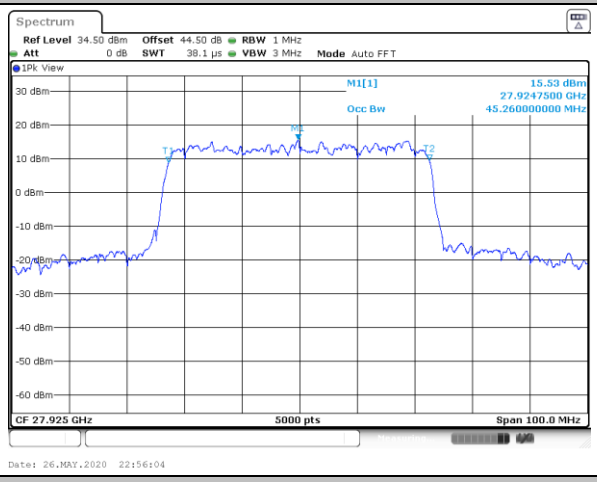
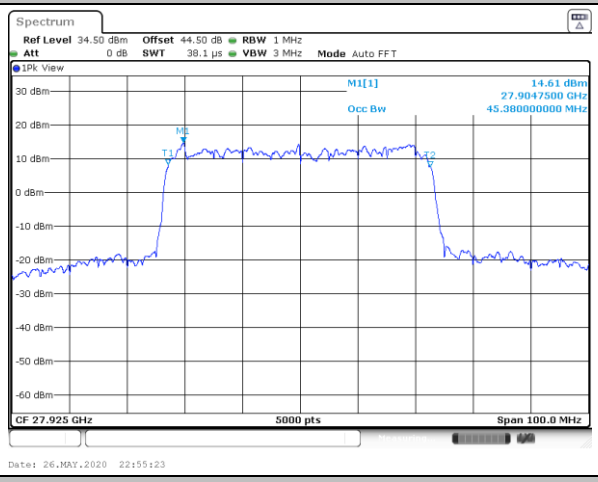
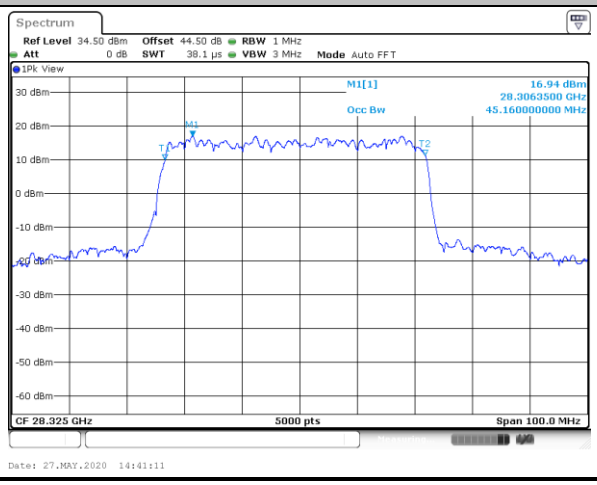
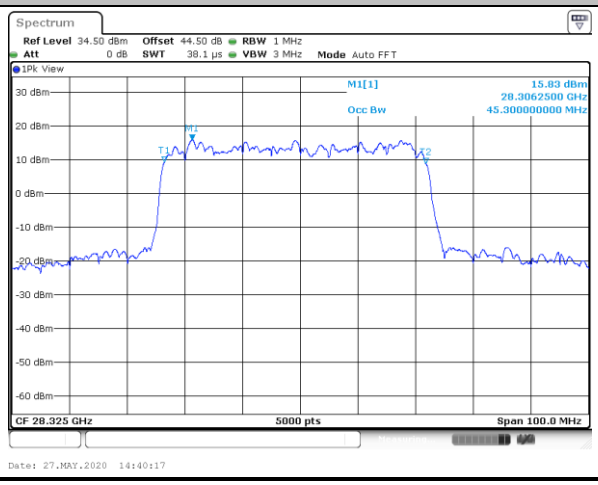
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	45.36	45.40	90.80	90.72	90.60	188.72	188.32	183.84
Middle CH	45.26	45.38	45.44	90.64	90.92	90.28	188.72	188.40	188.40
Highest CH	45.16	45.30	45.34	90.76	90.92	90.56	187.92	188.64	185.52

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.24	45.40	45.12	90.44	90.32	90.36	188.32	187.84	188.40
Middle CH	45.12	45.30	45.08	90.32	90.28	90.44	188.32	188.40	185.20
Highest CH	45.24	45.38	45.18	90.72	90.56	90.40	187.76	188.08	184.56

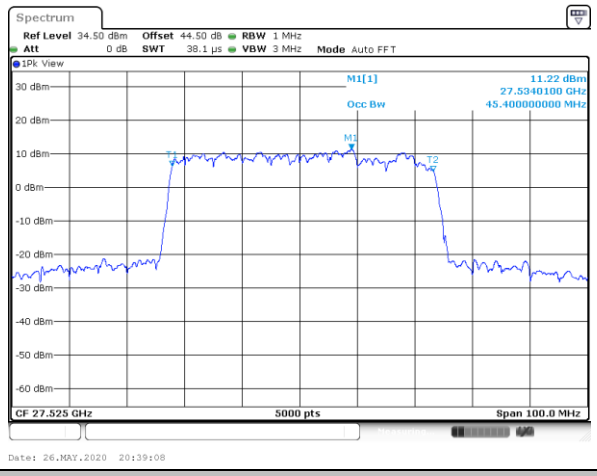
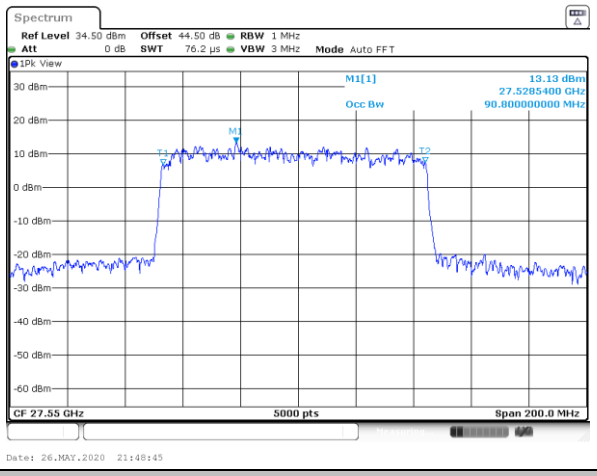
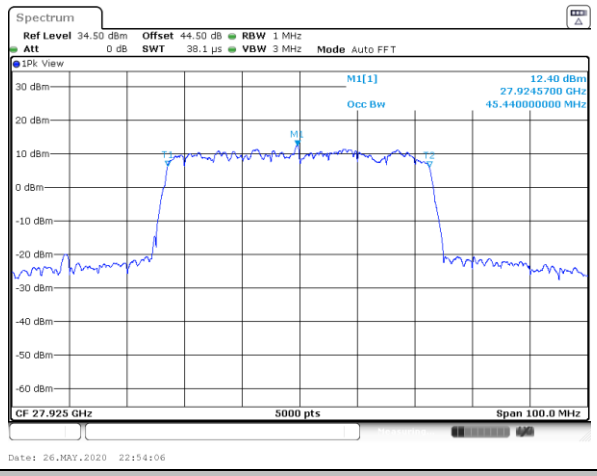
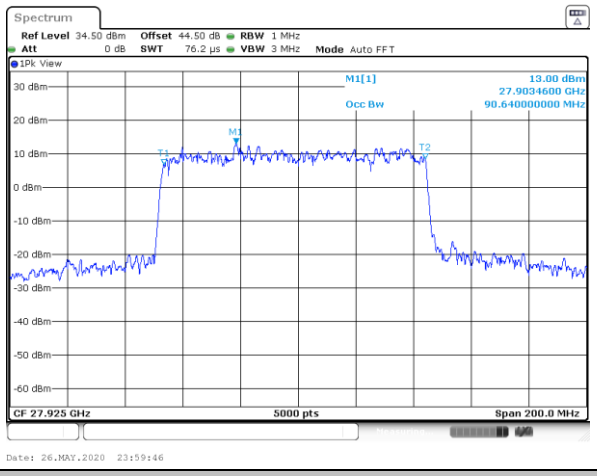
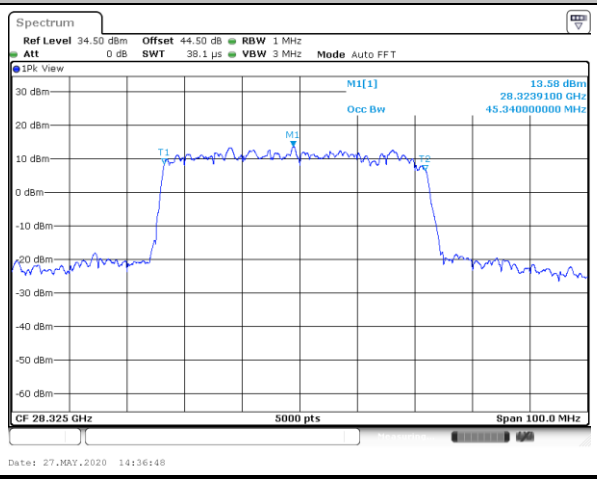
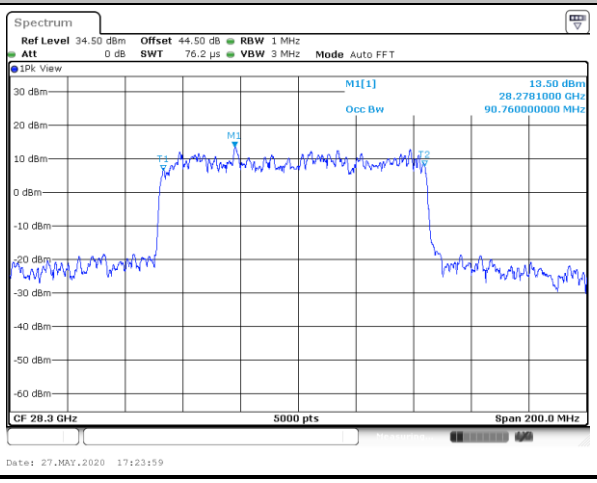
Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	45.10	45.34	92.24	93.08	92.56	190.88	189.92	190.24
Middle CH	45.22	45.34	45.32	90.56	90.64	90.44	190.08	189.60	190.16
Highest CH	45.00	45.24	45.34	92.36	93.12	92.88	190.48	190.16	190.00

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.26	45.12	45.38	92.84	93.08	93.08	189.44	189.92	189.92
Middle CH	45.12	45.04	45.28	92.80	93.16	92.80	189.92	186.40	190.64
Highest CH	45.30	45.16	45.44	92.84	92.84	92.80	189.12	185.20	189.92

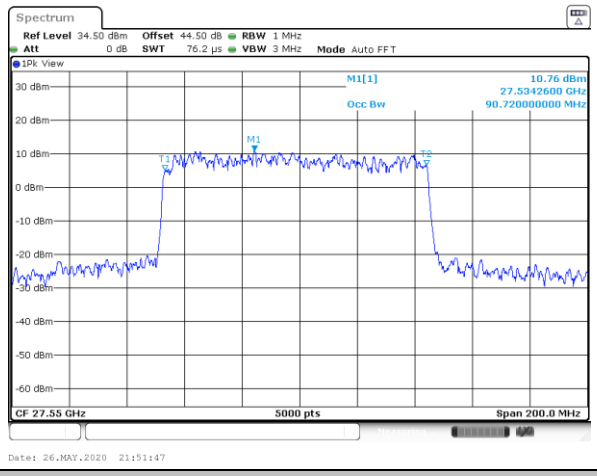
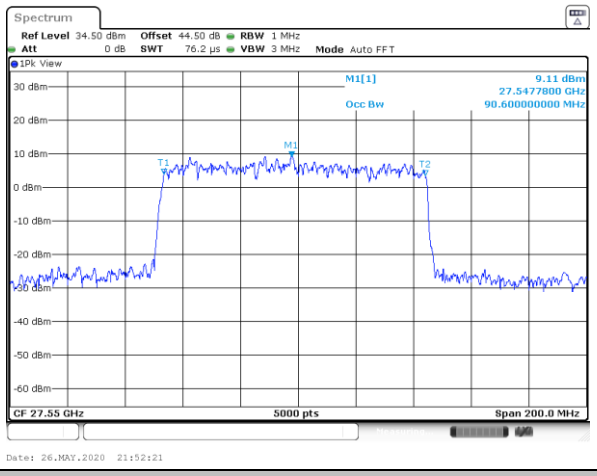
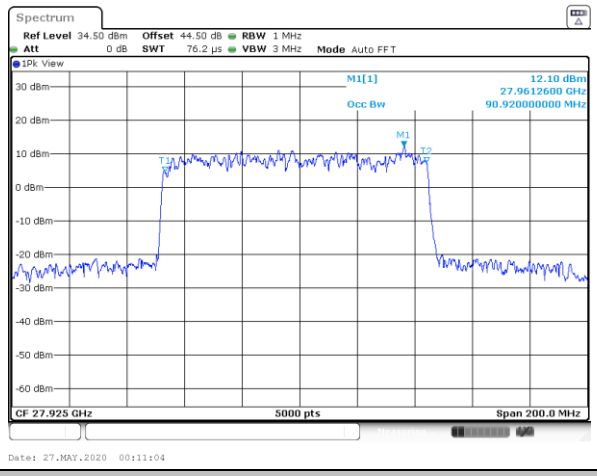
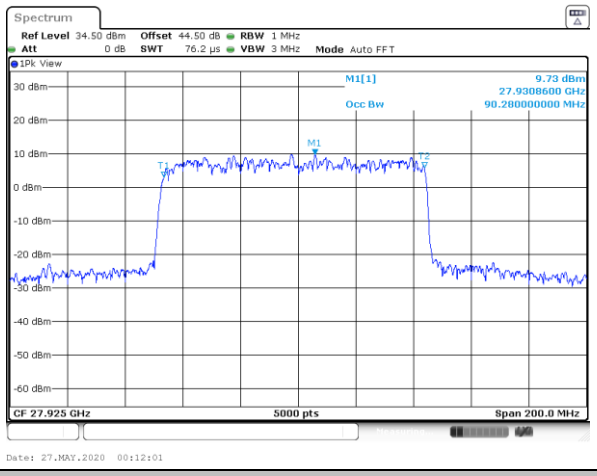
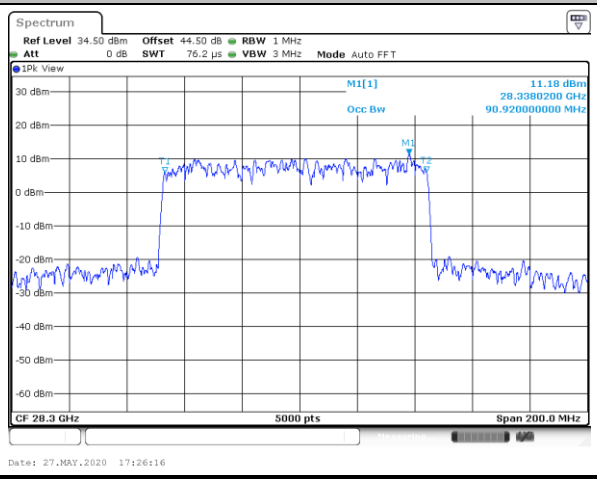
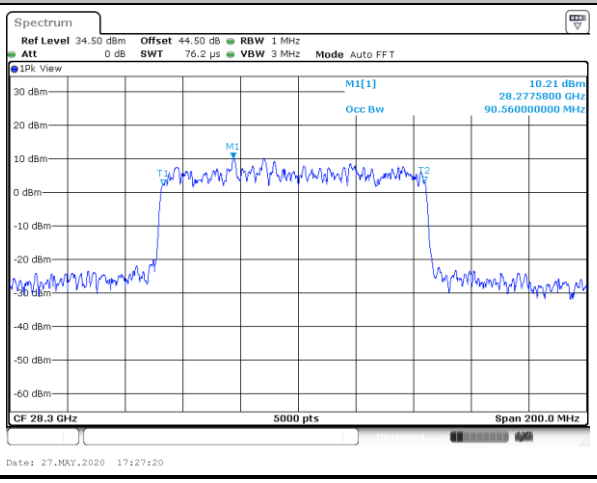
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / QPSK	**Lowest Channel / 50MHz / 16QAM**
	
Middle Channel / 50MHz / QPSK	**Middle Channel / 50MHz / 16QAM**
	
Highest Channel / 50MHz / QPSK	**Highest Channel / 50MHz / 16QAM**
	

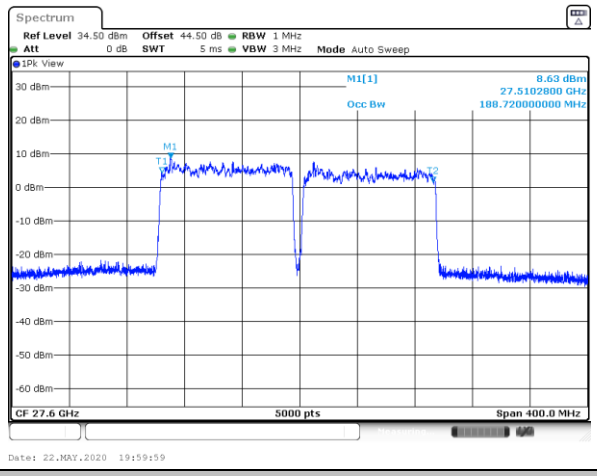
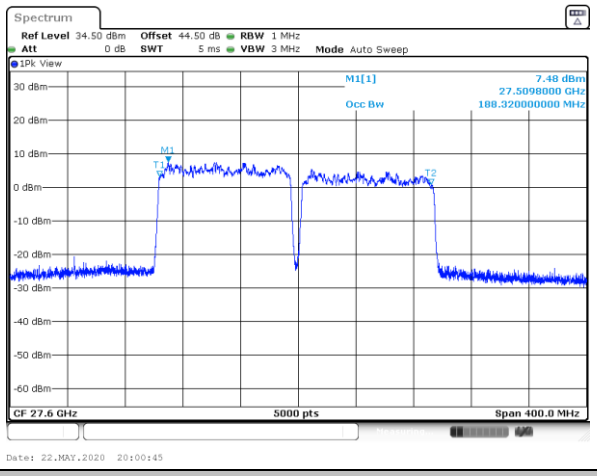
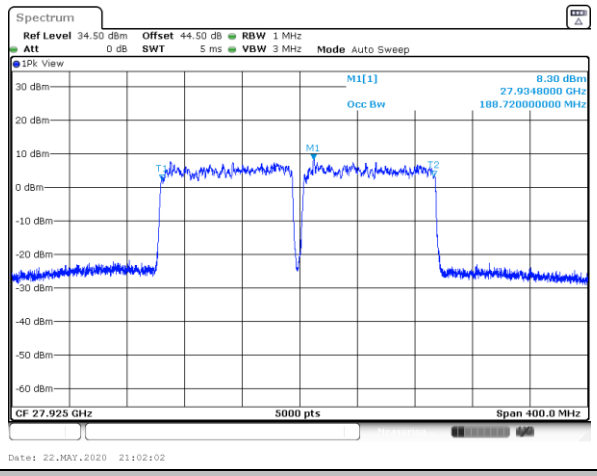
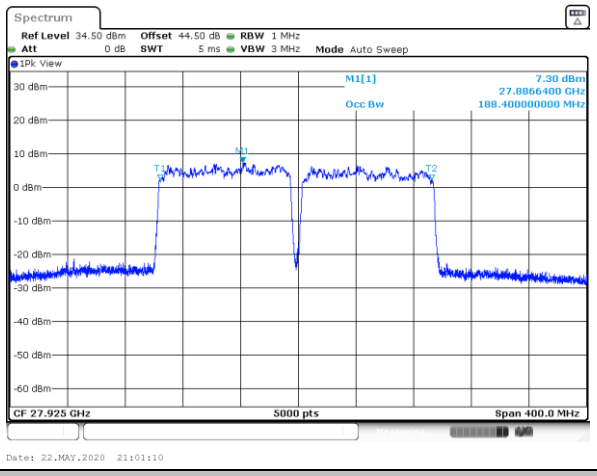
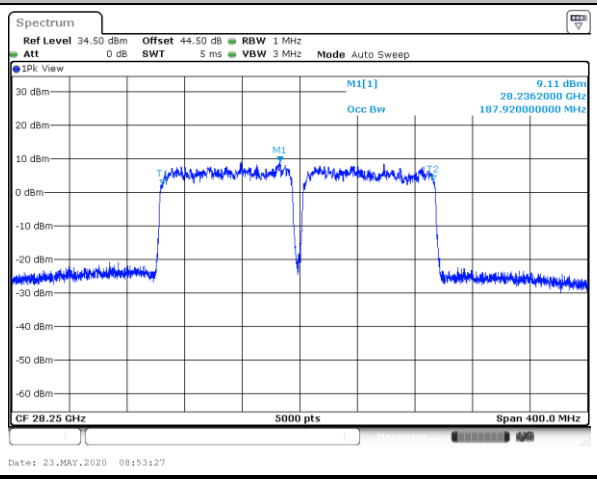
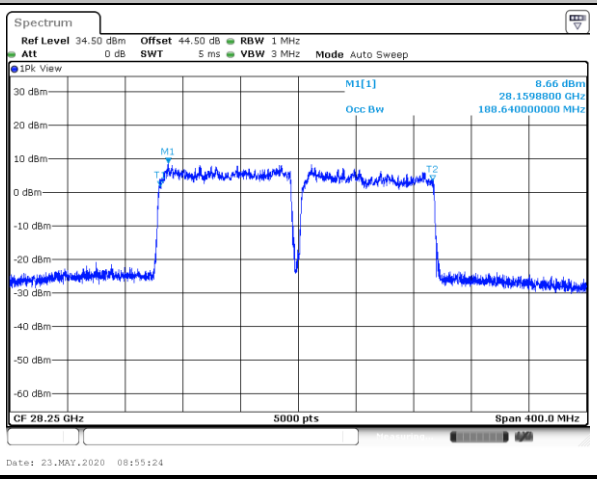
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / 64QAM	**Lowest Channel / 100MHz / QPSK**
	
Middle Channel / 50MHz / 64QAM	**Middle Channel / 100MHz / QPSK**
	
Highest Channel / 50MHz / 64QAM	**Highest Channel / 100MHz / QPSK**
	

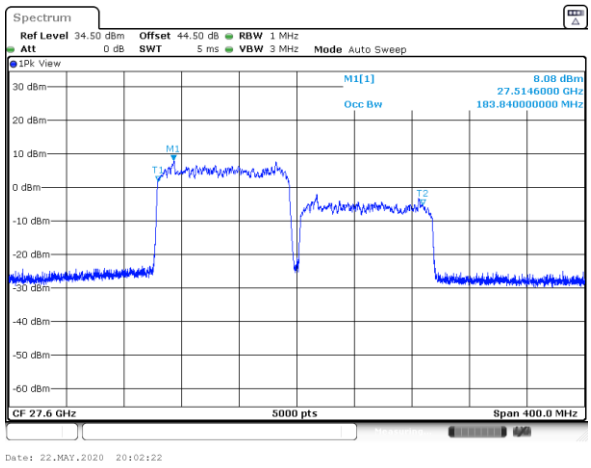
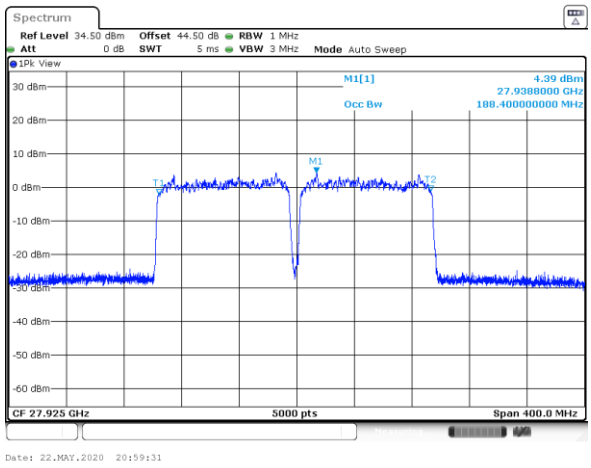
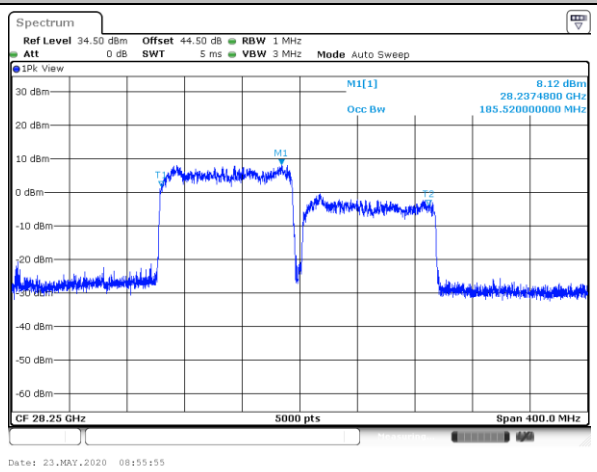
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 100MHz / 16QAM	**Lowest Channel / 100MHz / 64QAM**
	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz / 64QAM**
	
Highest Channel / 100MHz / 16QAM	**Highest Channel / 100MHz / 64QAM**
	

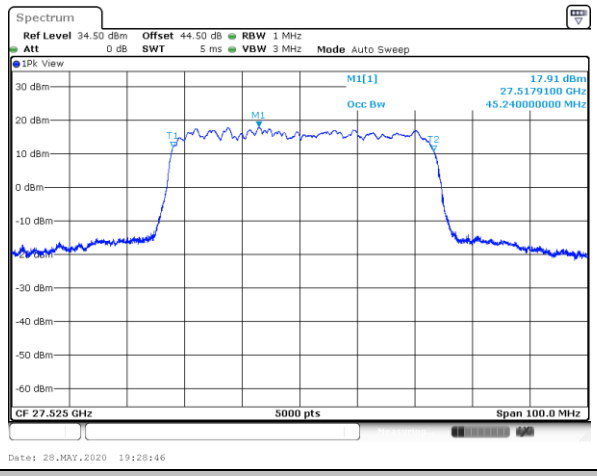
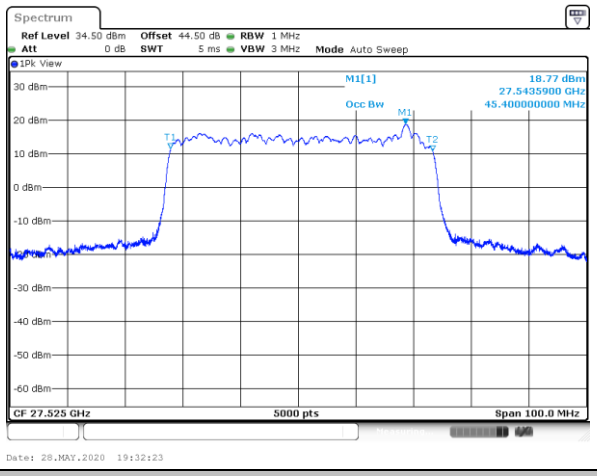
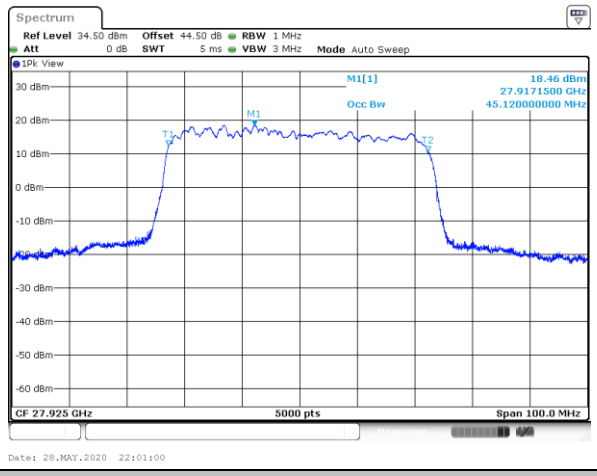
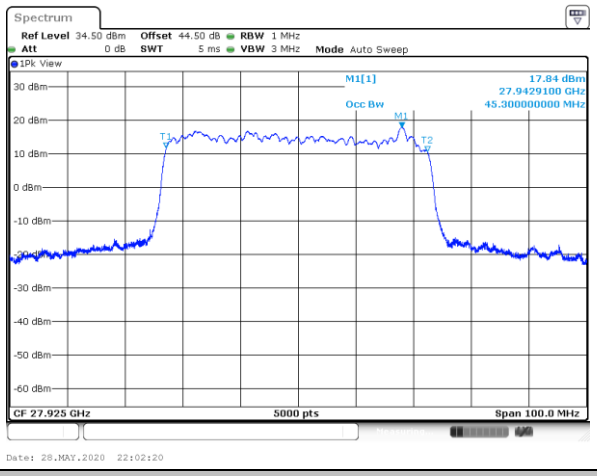
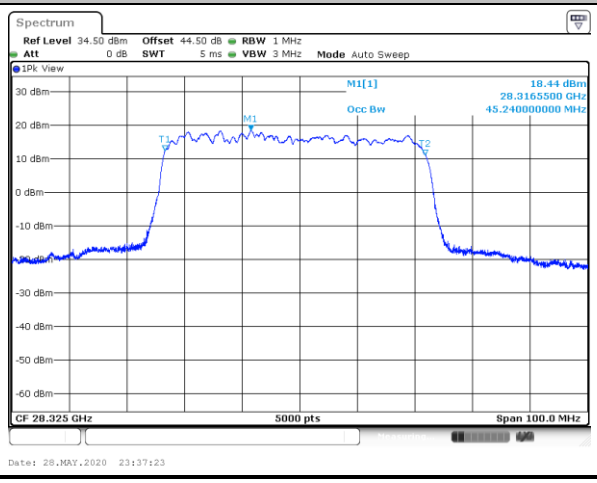
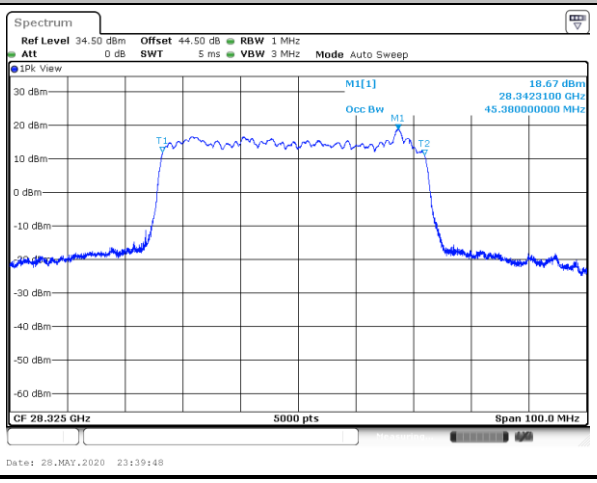
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 200MHz / QPSK	**Lowest Channel / 200MHz / 16QAM**
	
Middle Channel / 200MHz / QPSK	**Middle Channel / 200MHz /16QAM**
	
Highest Channel / 200MHz / QPSK	**Highest Channel / 200MHz /16QAM**
	

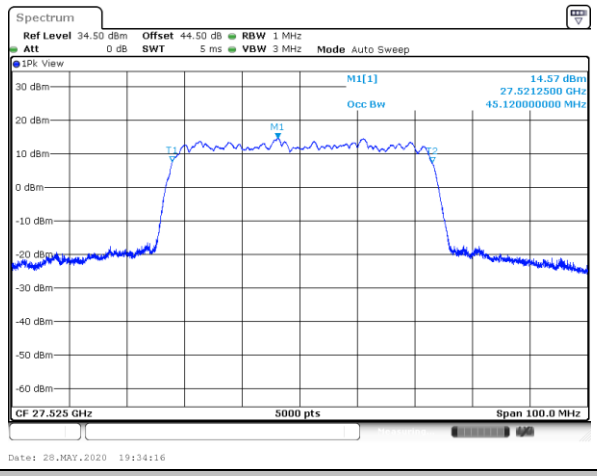
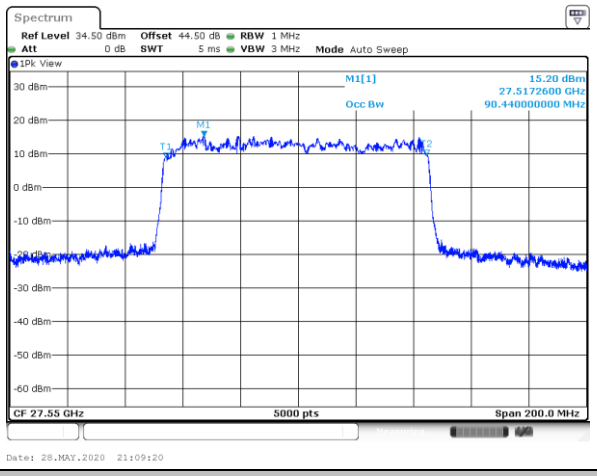
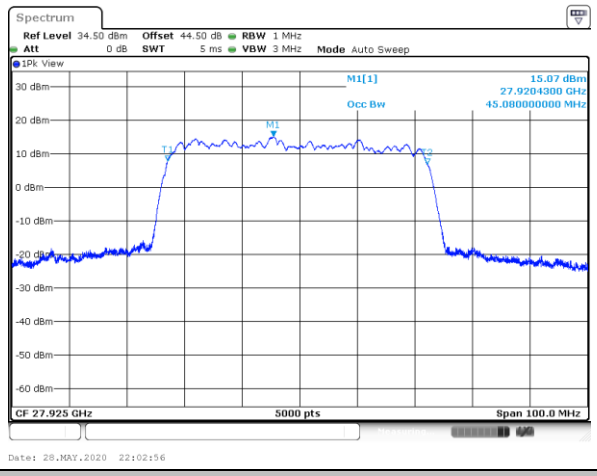
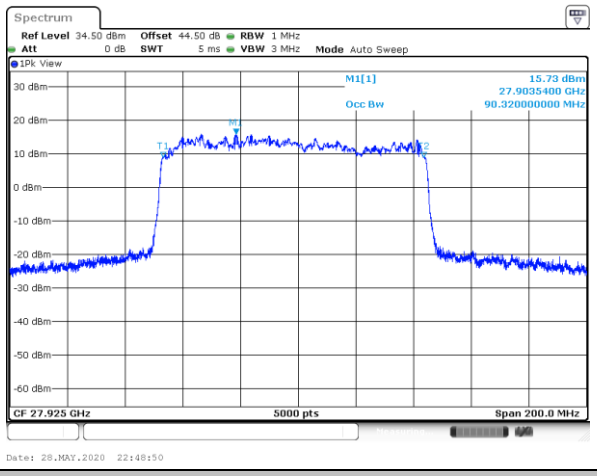
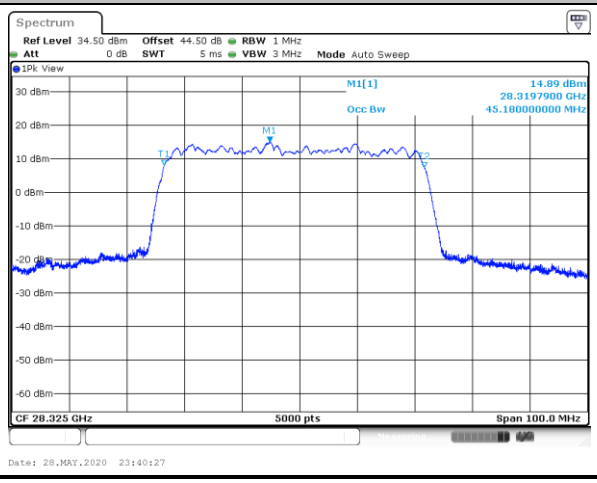
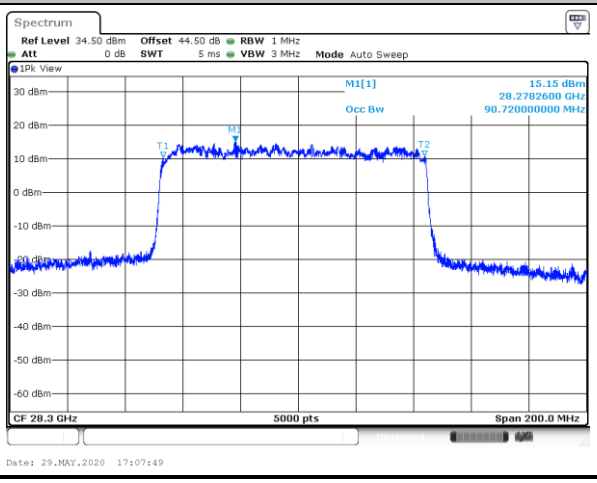
DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 200MHz / 64QAM	
	**intentionally blank**
Middle Channel / 200MHz / 64QAM	
	**intentionally blank**
Highest Channel / 200MHz / 64QAM	
	**intentionally blank**

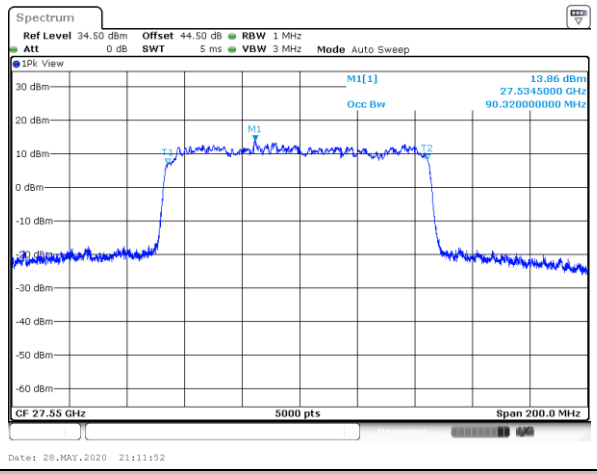
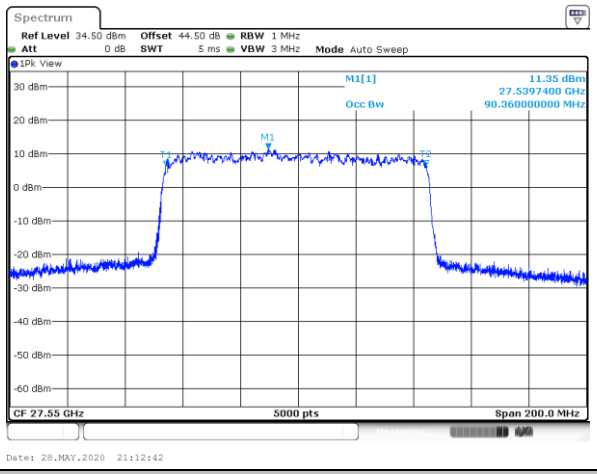
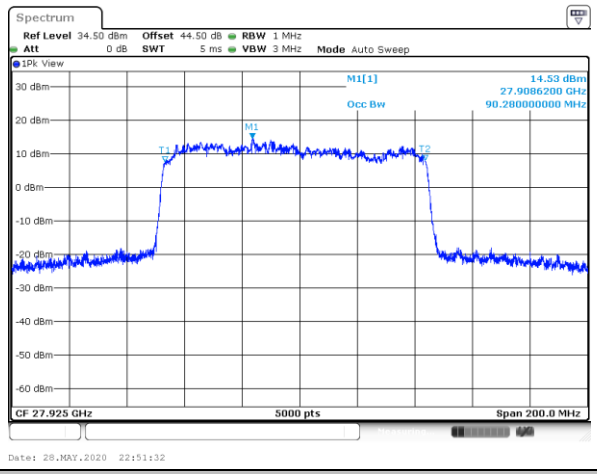
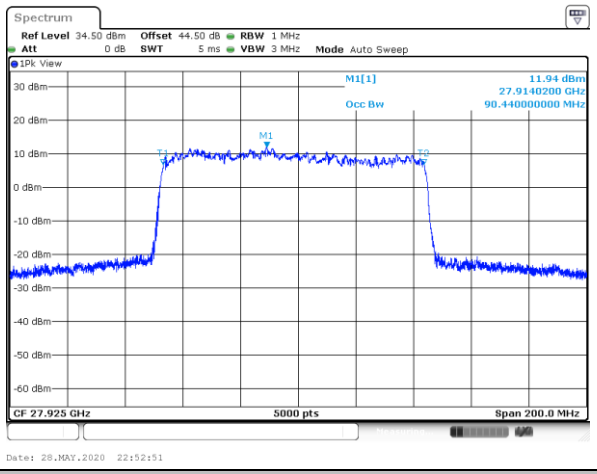
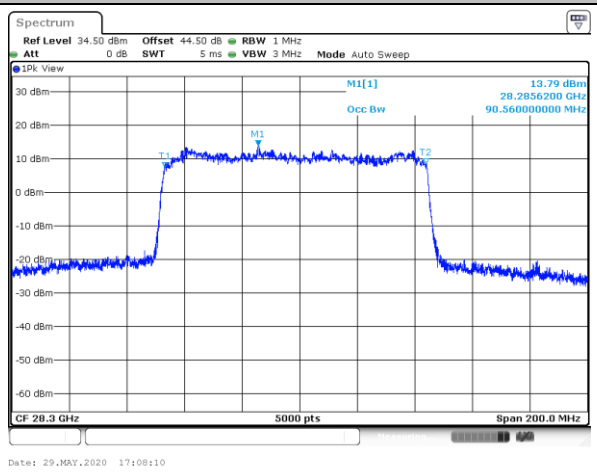
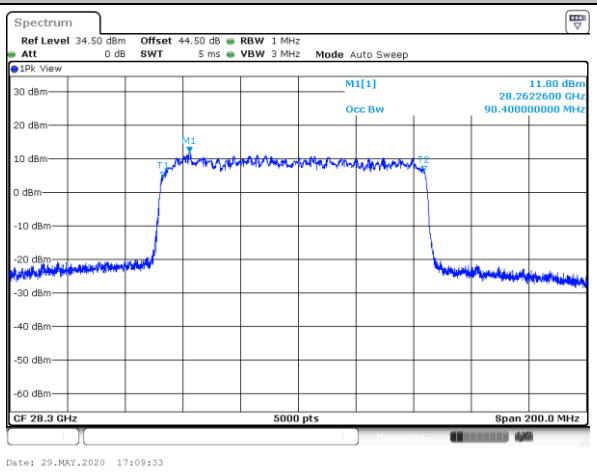
DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 50MHz / QPSK	**Lowest Channel / 50MHz / 16QAM**
	
Middle Channel / 50MHz / QPSK	**Middle Channel / 50MHz / 16QAM**
	
Highest Channel / 50MHz / QPSK	**Highest Channel / 50MHz / 16QAM**
	

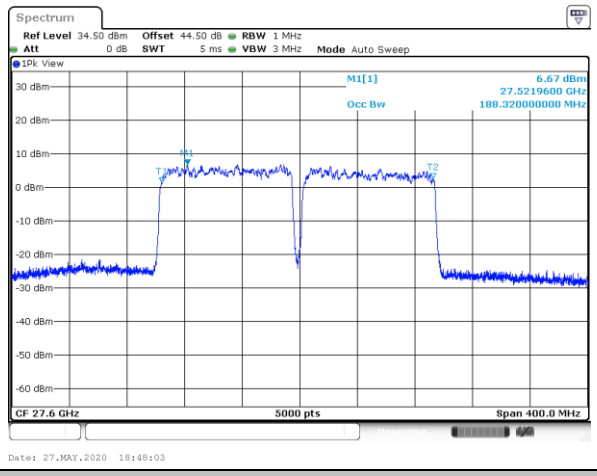
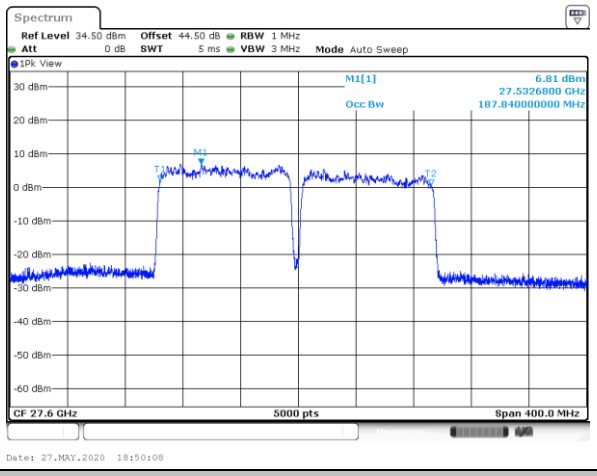
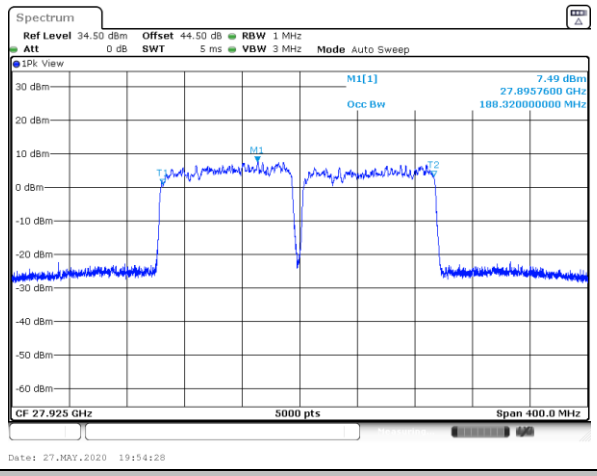
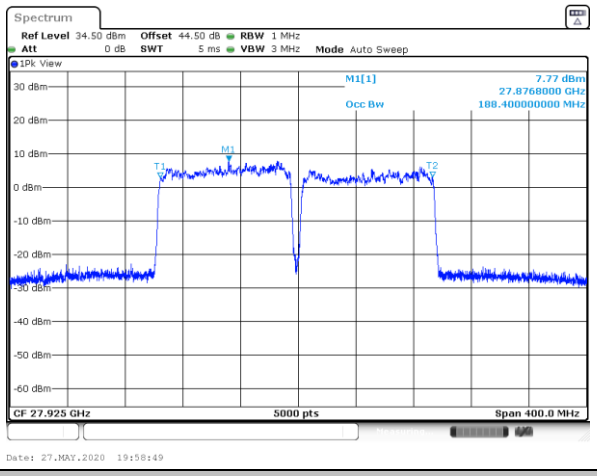
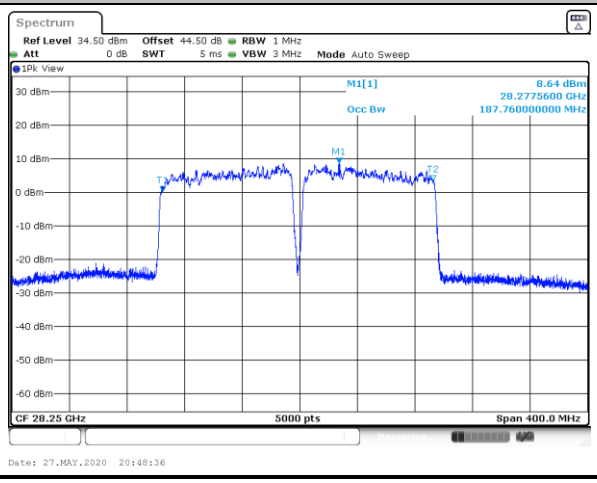
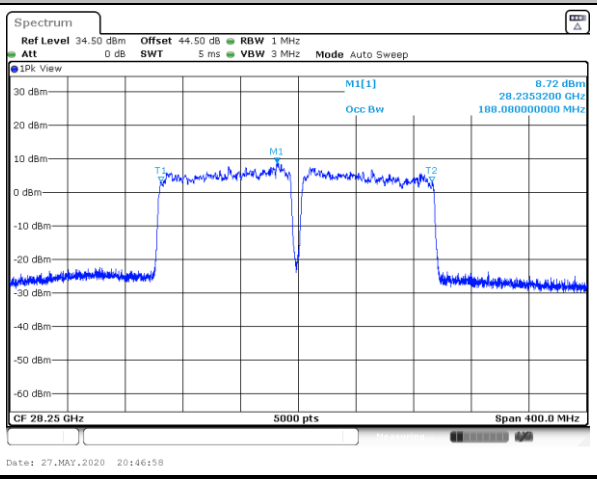
DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 50MHz / 64QAM	**Lowest Channel / 100MHz / QPSK**
	
Middle Channel / 50MHz / 64QAM	**Middle Channel / 100MHz / QPSK**
	
Highest Channel / 50MHz / 64QAM	**Highest Channel / 100MHz / QPSK**
	

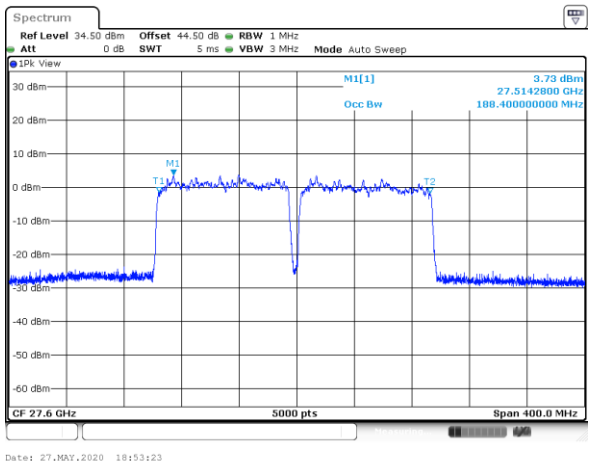
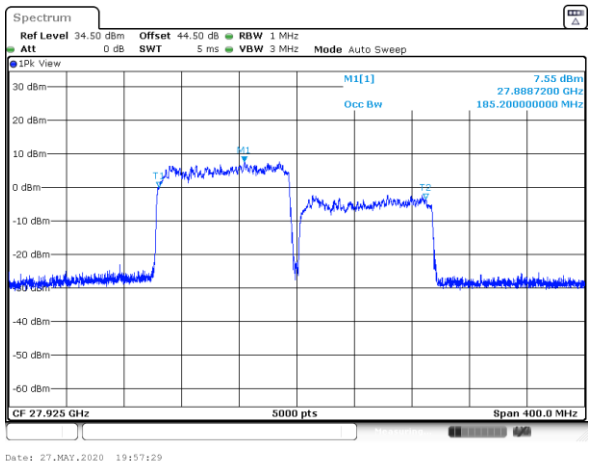
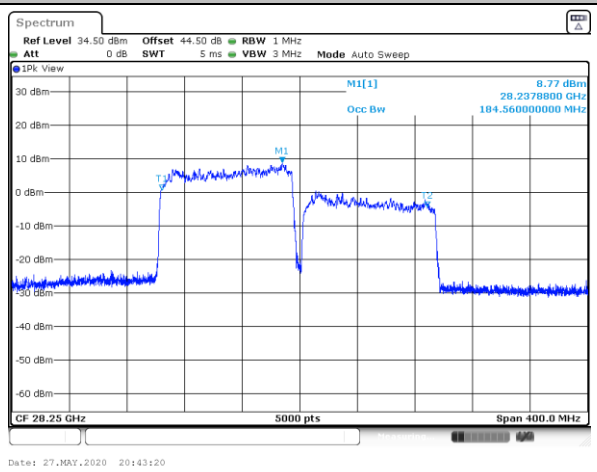
DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 100MHz / 16QAM	**Lowest Channel / 100MHz / 64QAM**
	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz / 64QAM**
	
Highest Channel / 100MHz / 16QAM	**Highest Channel / 100MHz / 64QAM**
	

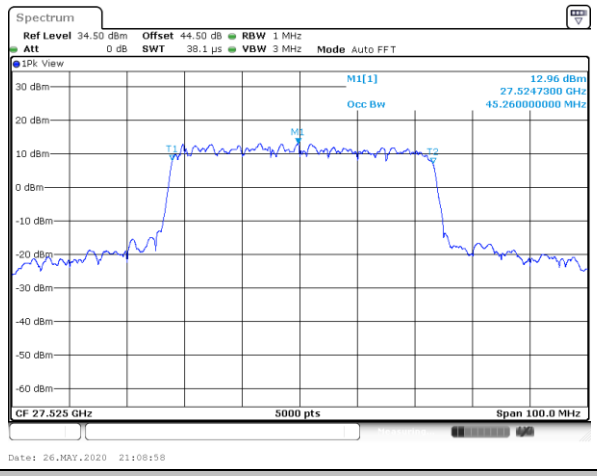
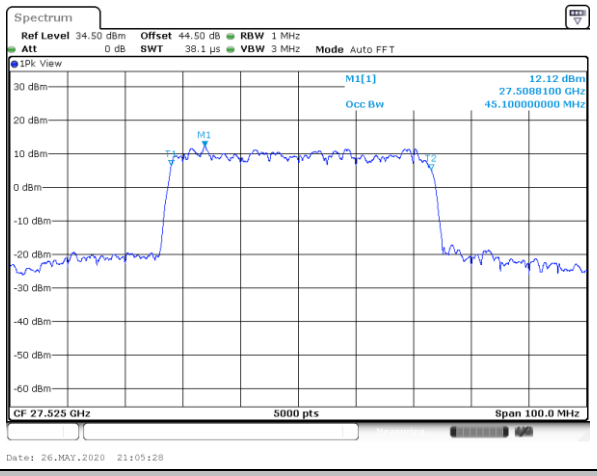
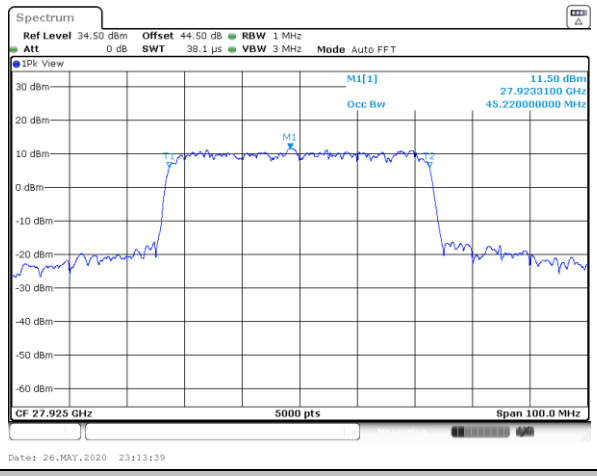
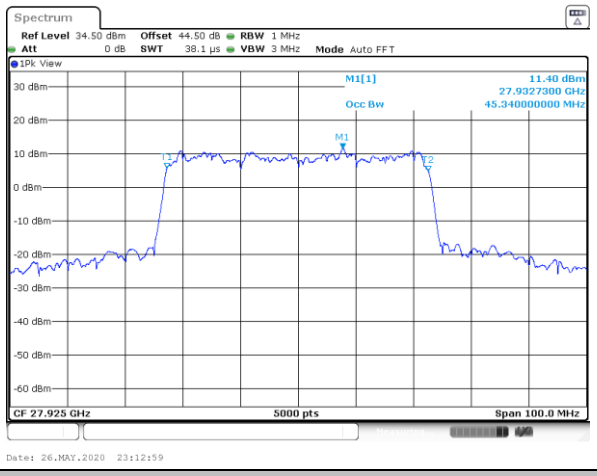
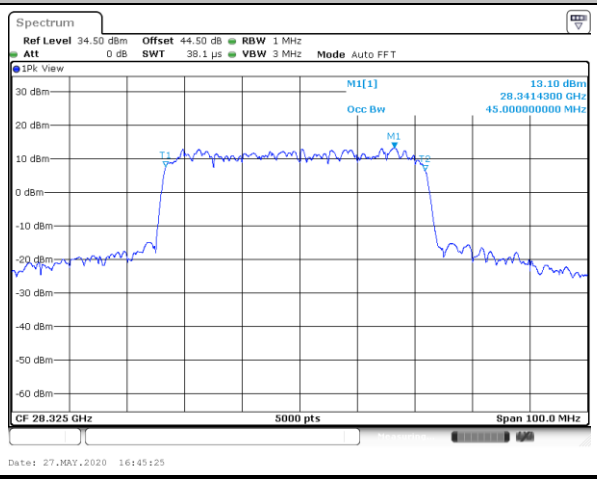
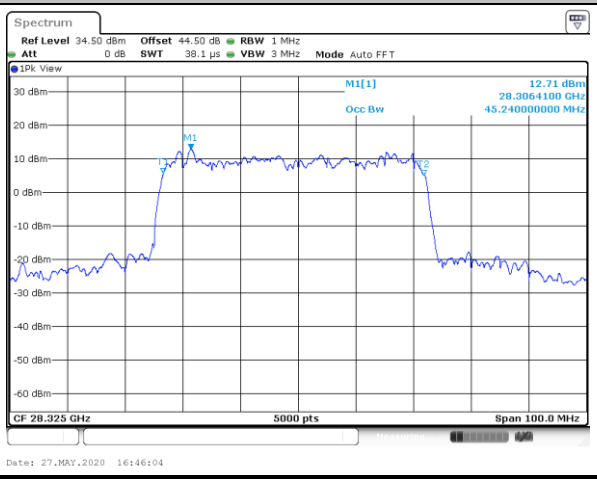
DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 200MHz / QPSK	**Lowest Channel / 200MHz / 16QAM**
	
Middle Channel / 200MHz / QPSK	**Middle Channel / 200MHz /16QAM**
	
Highest Channel / 200MHz / QPSK	**Highest Channel / 200MHz /16QAM**
	

DFT-s-OFDM Module 1

NR Band n261	
Lowest Channel / 200MHz / 64QAM	
	**intentionally blank**
Middle Channel / 200MHz / 64QAM	
	**intentionally blank**
Highest Channel / 200MHz / 64QAM	
	**intentionally blank**

CP-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / QPSK	**Lowest Channel / 50MHz / 16QAM**
	
Middle Channel / 50MHz / QPSK	**Middle Channel / 50MHz / 16QAM**
	
Highest Channel / 50MHz / QPSK	**Highest Channel / 50MHz / 16QAM**
	

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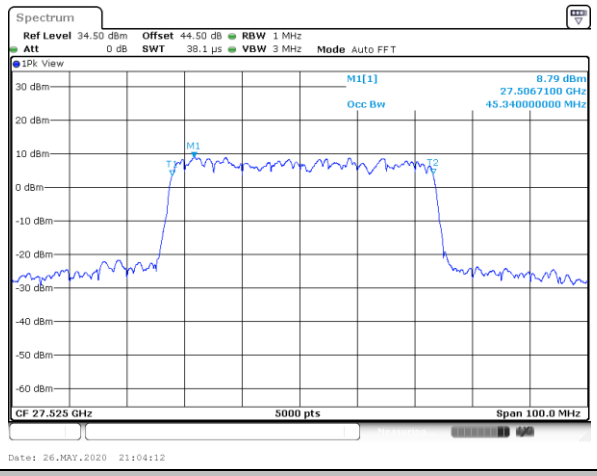
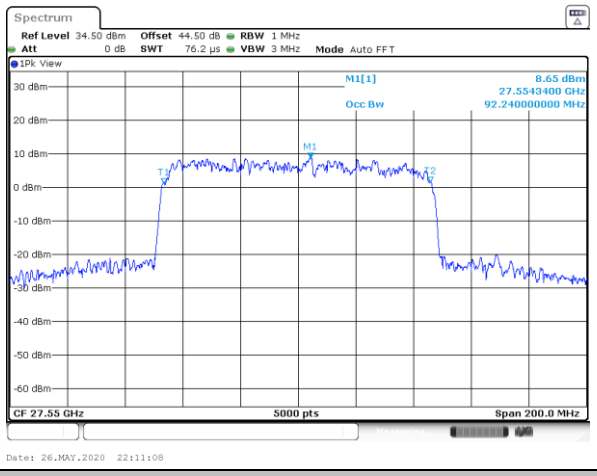
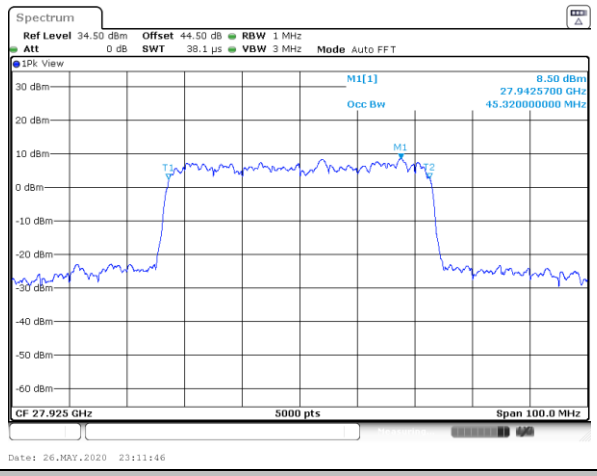
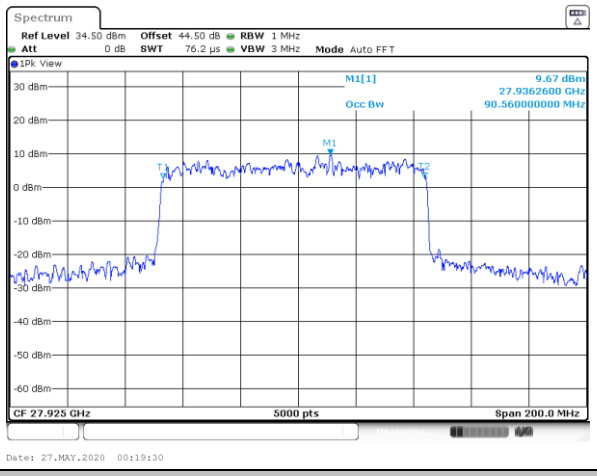
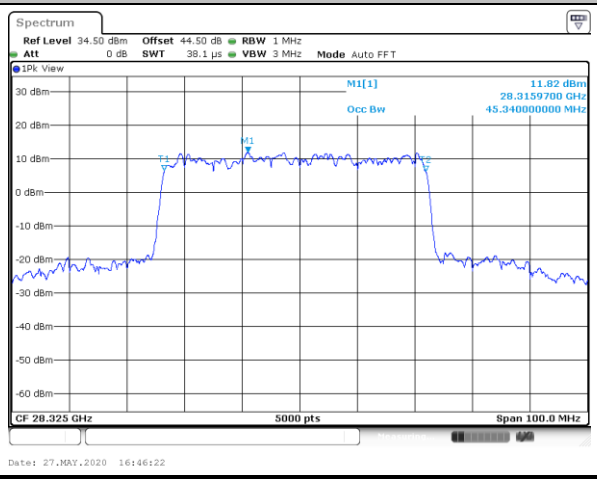
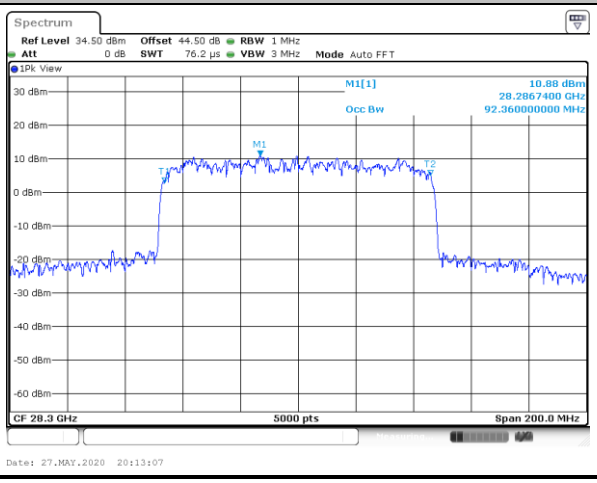
NR Band n261	
Lowest Channel / 50MHz / 64QAM	**Lowest Channel / 100MHz / QPSK**
	
Middle Channel / 50MHz / 64QAM	**Middle Channel / 100MHz / QPSK**
	
Highest Channel / 50MHz / 64QAM	**Highest Channel / 100MHz / QPSK**
	

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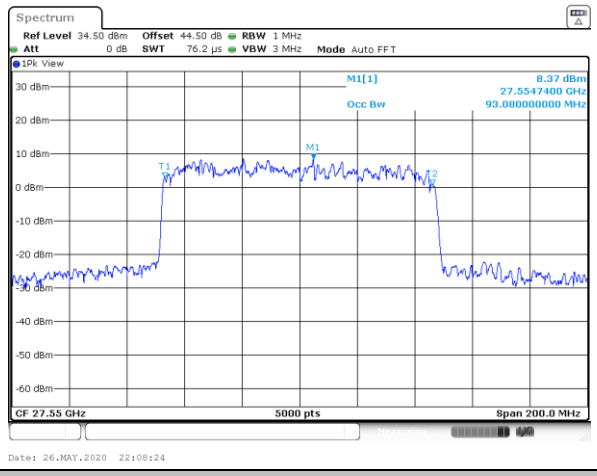
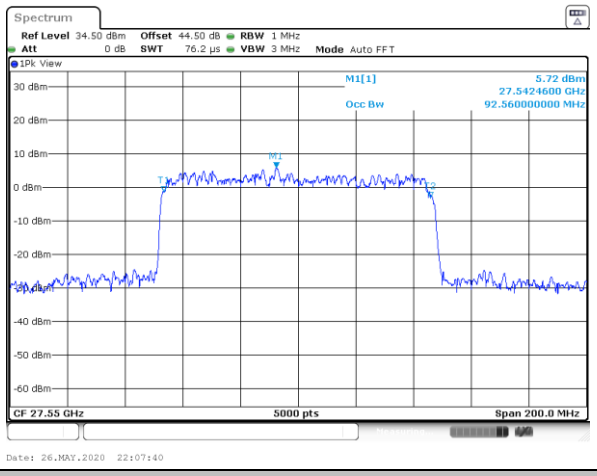
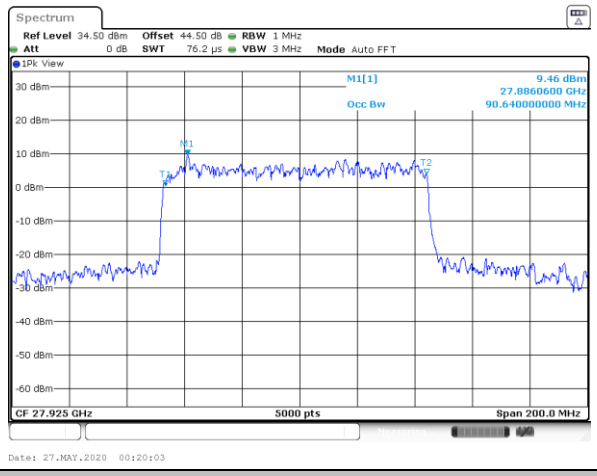
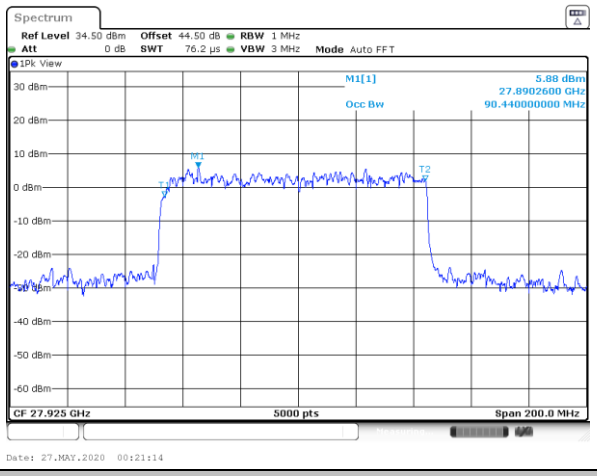
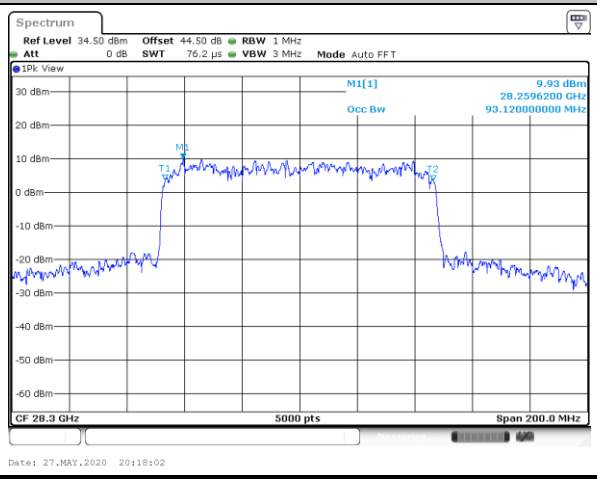
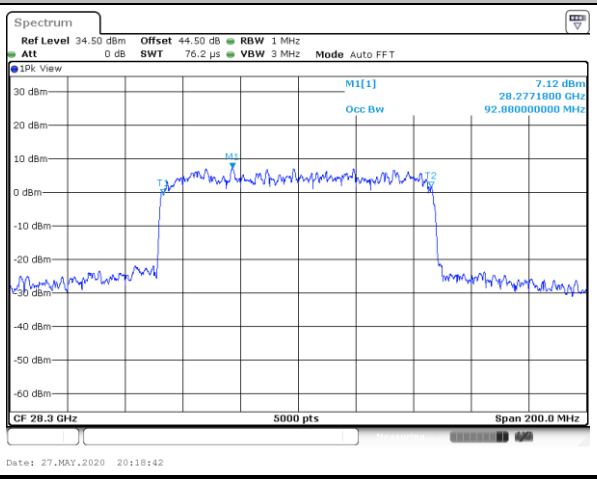
NR Band n261	
Lowest Channel / 100MHz / 16QAM	**Lowest Channel / 100MHz / 64QAM**
	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz / 64QAM**
	
Highest Channel / 100MHz / 16QAM	**Highest Channel / 100MHz / 64QAM**
	

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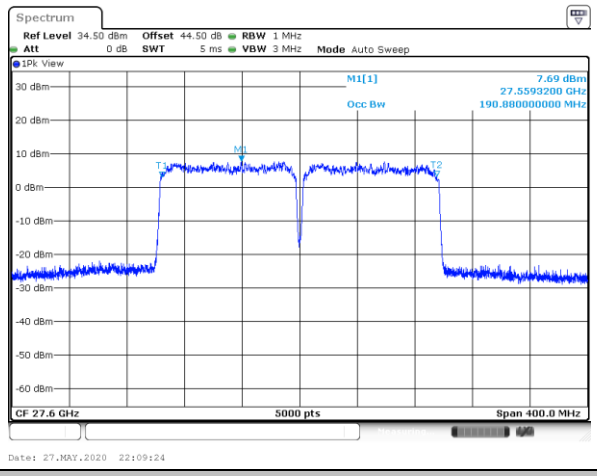
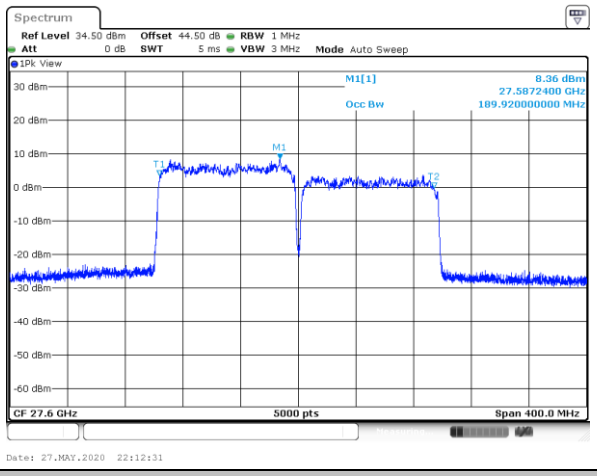
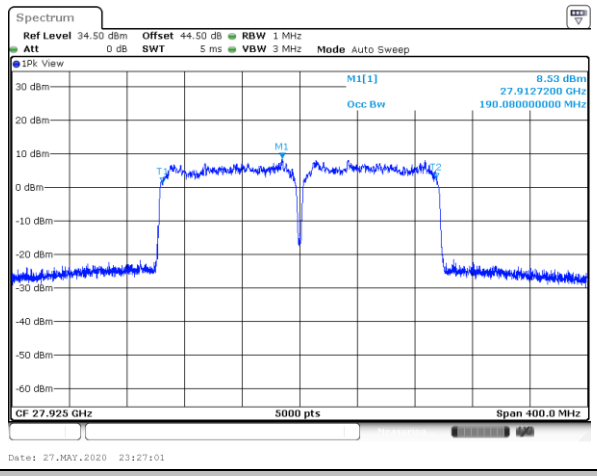
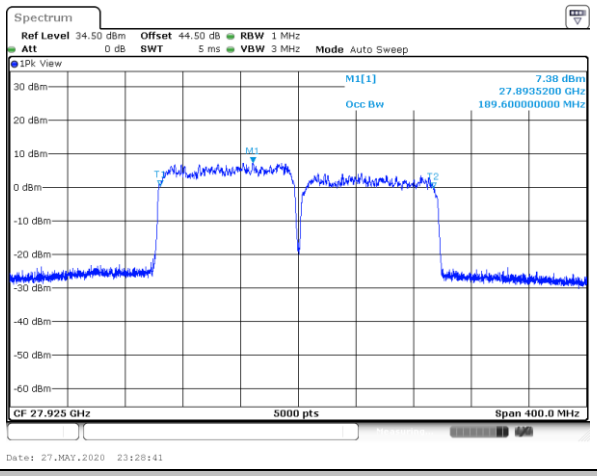
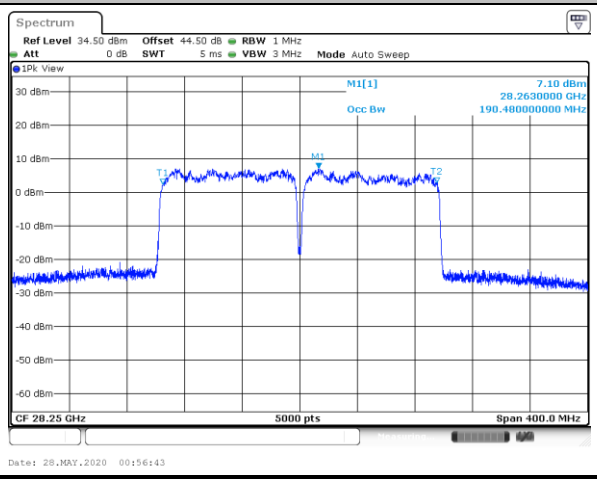
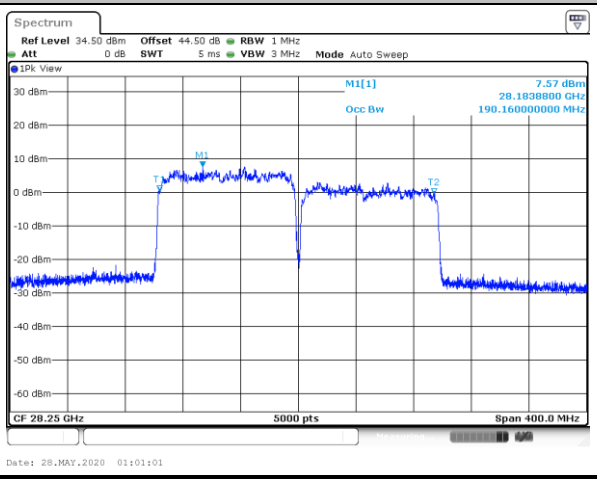
NR Band n261	
Lowest Channel / 200MHz / QPSK	**Lowest Channel / 200MHz / 16QAM**
	
Middle Channel / 200MHz / QPSK	**Middle Channel / 200MHz /16QAM**
	
Highest Channel / 200MHz / QPSK	**Highest Channel / 200MHz /16QAM**
	

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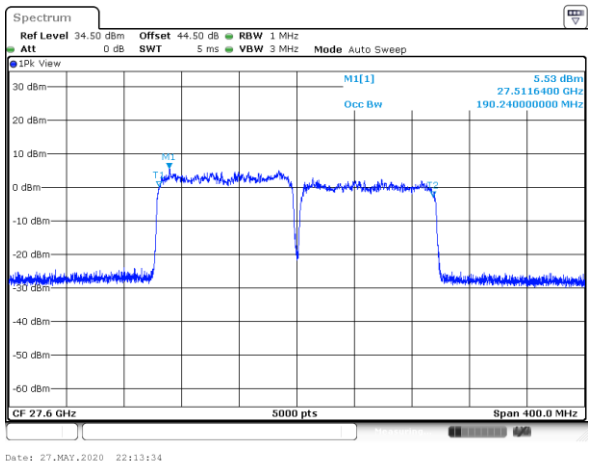
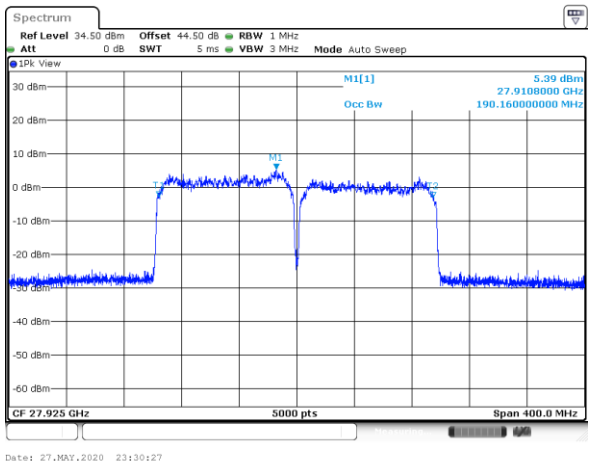
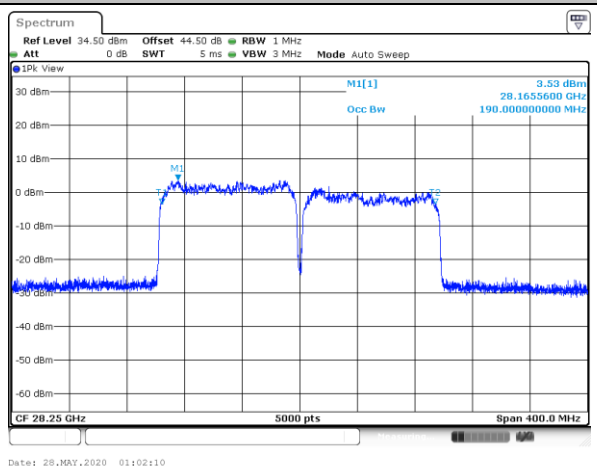
NR Band n261	
Lowest Channel / 200MHz / 64QAM	
	**intentionally blank**
Middle Channel / 200MHz / 64QAM	
	**intentionally blank**
Highest Channel / 200MHz / 64QAM	
	**intentionally blank**