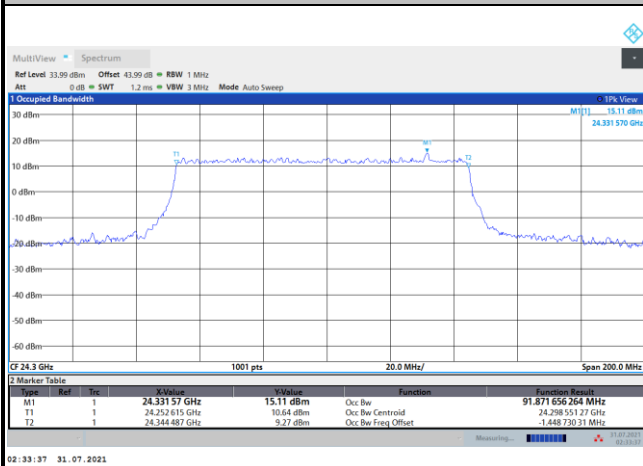
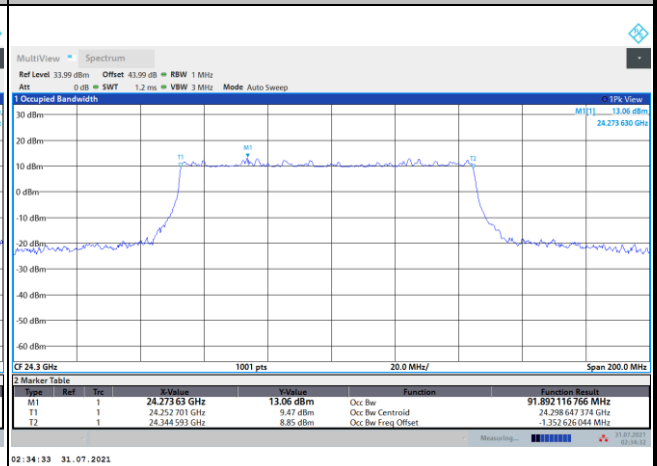
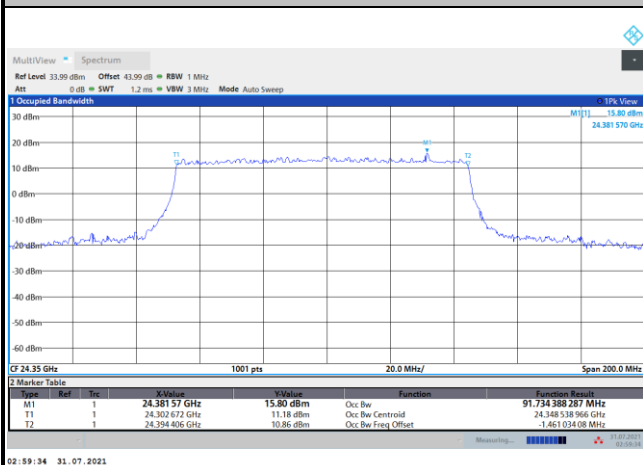
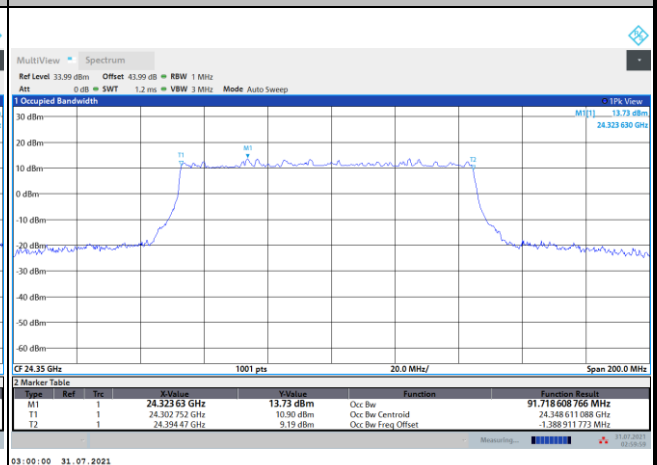
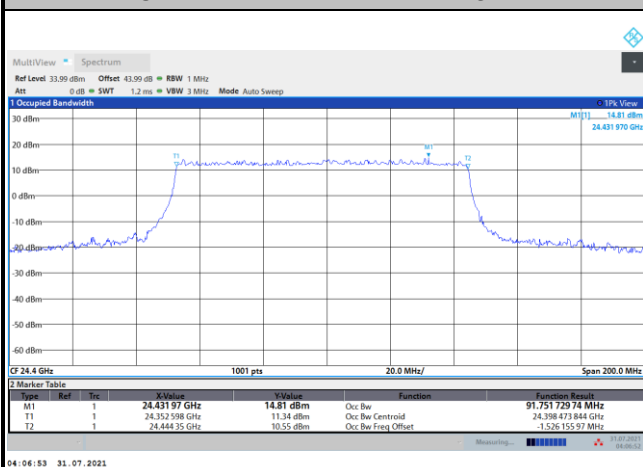
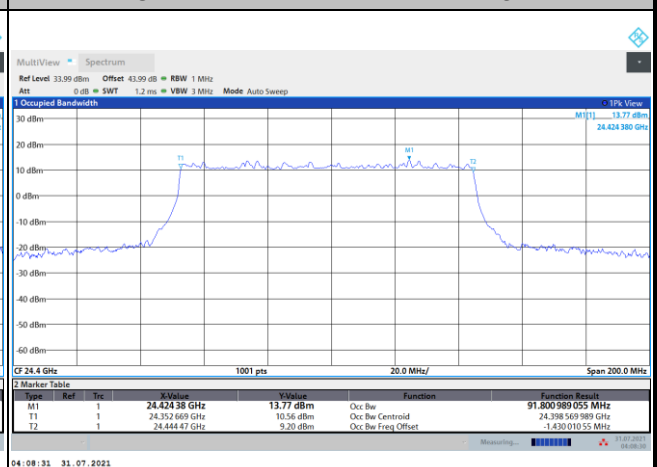


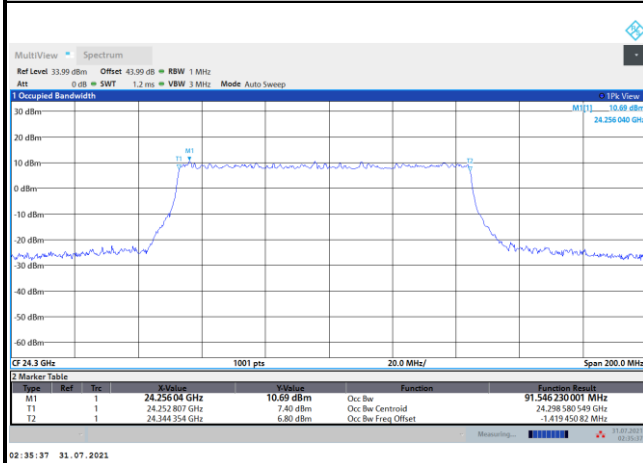
DFT-s-OFDM Module A
NR Band n258A
Lowest Channel / 100MHz / QPSK

Lowest Channel / 100MHz / 16QAM

Middle Channel / 100MHz / QPSK

Middle Channel / 100MHz / 16QAM

Highest Channel / 100MHz / QPSK

Highest Channel / 100MHz / 16QAM




DFT-s-OFDM Module A

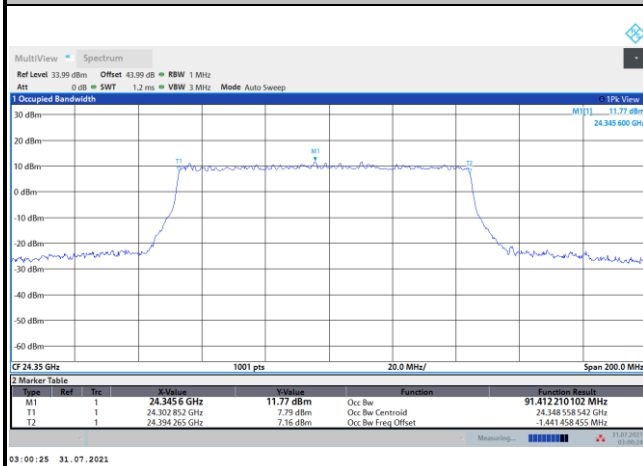
NR Band n258A

Lowest Channel / 100MHz / 64QAM

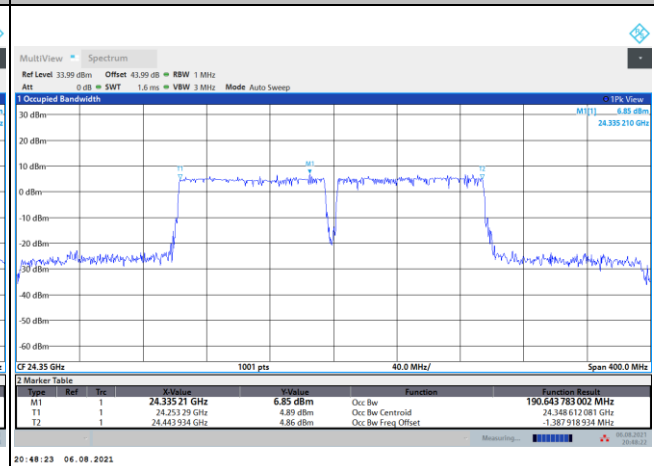


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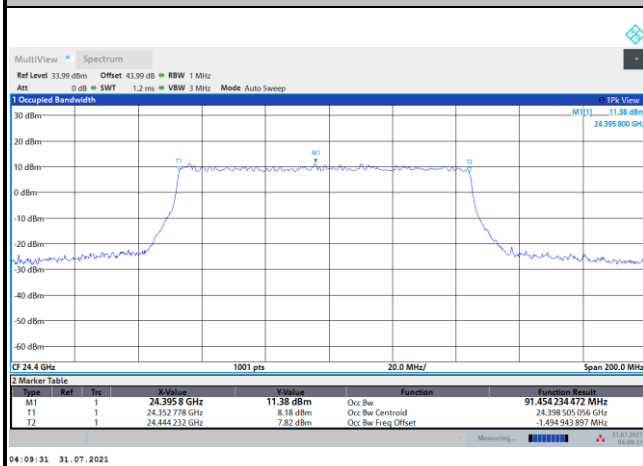
Middle Channel / 100MHz / 64QAM



Middle Channel / 200MHz / QPSK



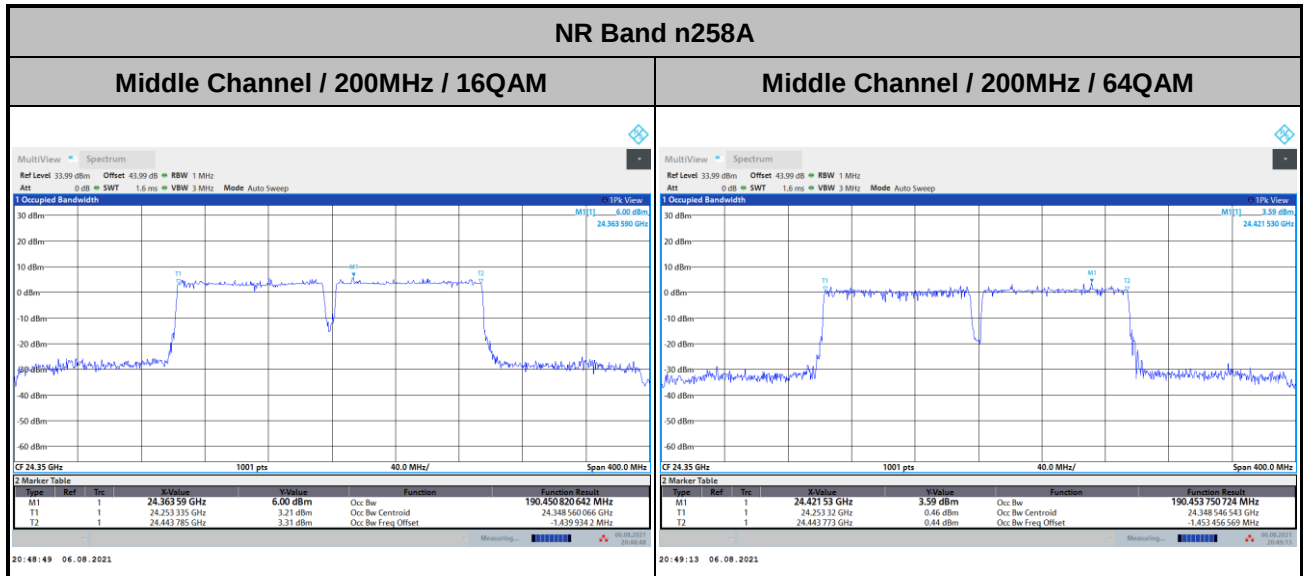
Highest Channel / 100MHz / 64QAM



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DFT-s-OFDM Module A

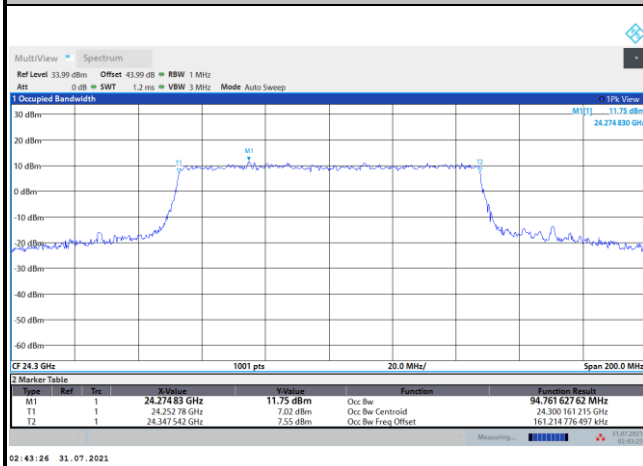




CP-OFDM Module A

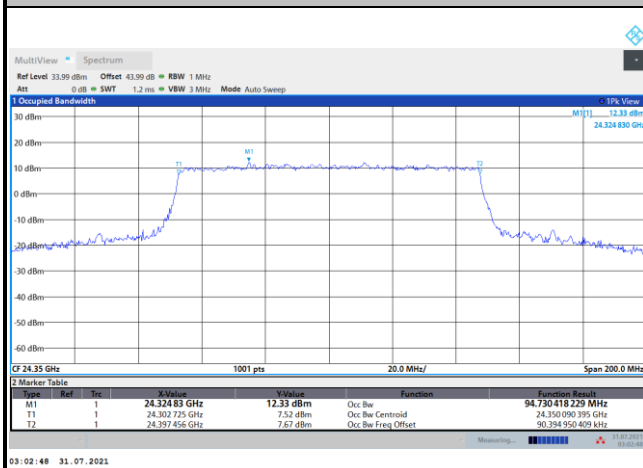
NR Band n258A

Lowest Channel / 100MHz / QPSK

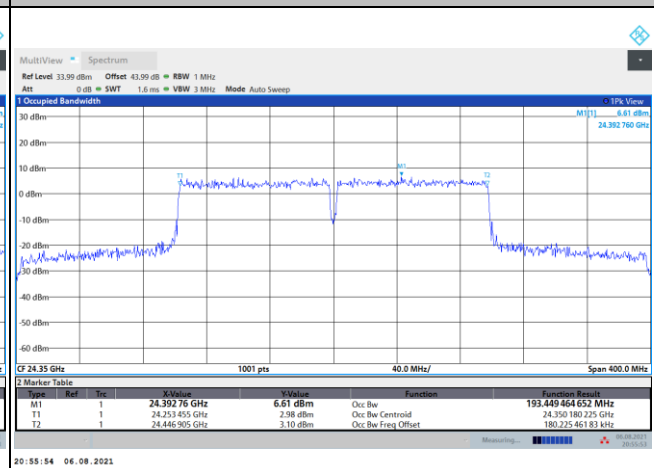


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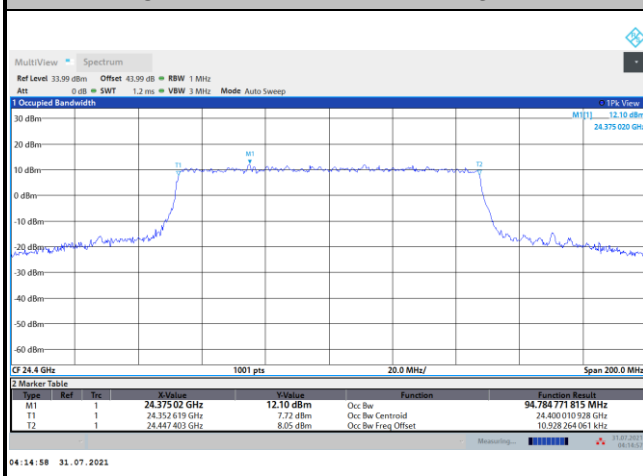
Middle Channel / 100MHz / QPSK



Middle Channel / 200MHz / QPSK



Highest Channel / 100MHz / QPSK



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Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-13.20	-12.98	-16.49
	>10%OB	≤-13	-37.48	-40.03	-40.76
High CH	0~10%OB	≤-5	-10.33	-13.74	-15.76
	>10%OB	≤-13	-36.97	-39.48	-39.60
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			100MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤-5	-13.18		
	>10%OB	≤-13	-37.60		
High CH	0~10%OB	≤-5	-13.99		
	>10%OB	≤-13	-37.49		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-19.60	-22.97	-25.90
	>10%OB	≤-13	-25.68	-29.21	-33.34
High CH	0~10%OB	≤-5	-22.84	-25.19	-28.93
	>10%OB	≤-13	-25.37	-28.05	-32.97
Result			Compliance		

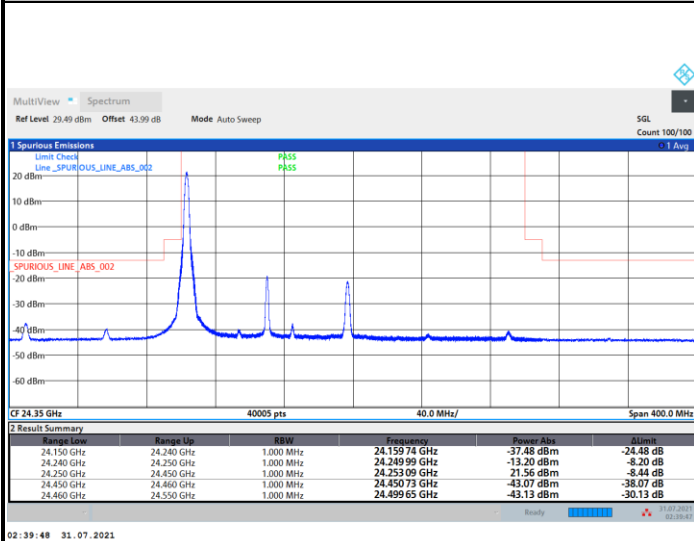
Mode			CP-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			100MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤-5	-21.93		
	>10%OB	≤-13	-27.10		
High CH	0~10%OB	≤-5	-21.25		
	>10%OB	≤-13	-25.87		
Result			Compliance		



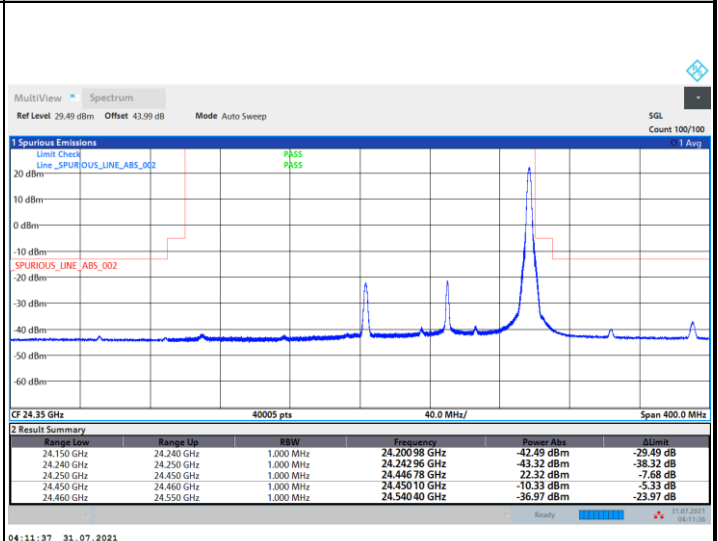
DFT-s-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / 1 RB

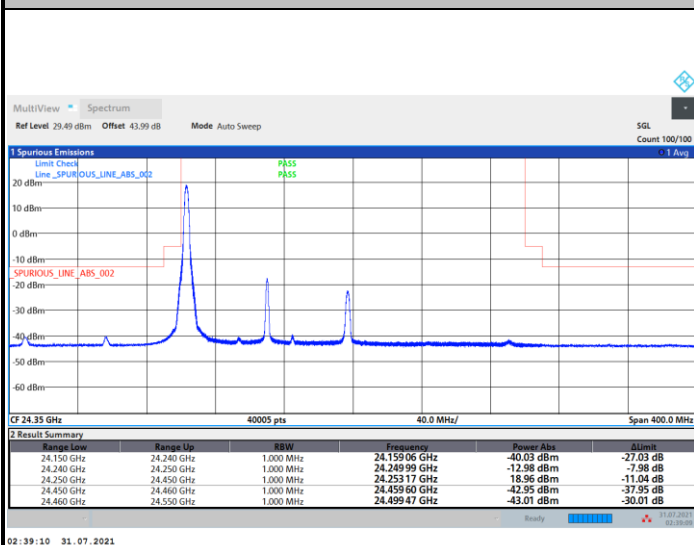


Highest Band Edge / 1 RB

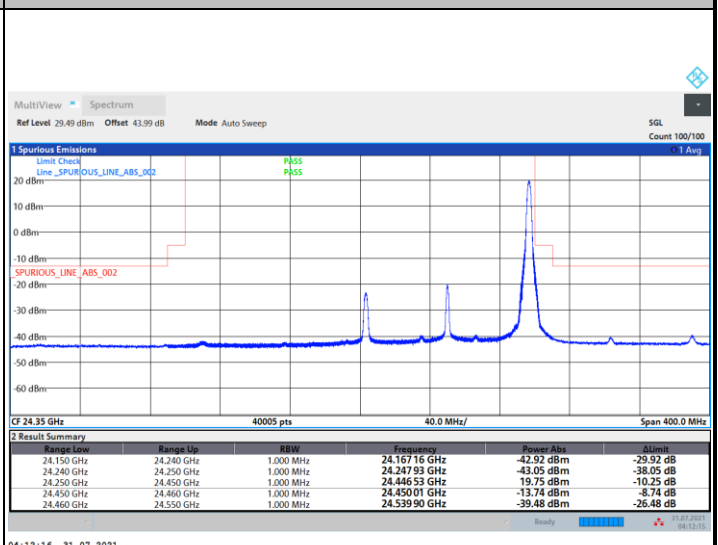


NR Band n258A / 100MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

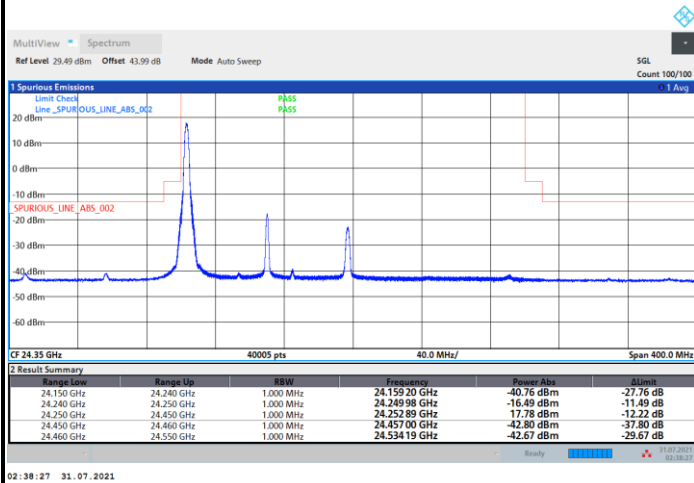




DFT-s-OFDM Module A

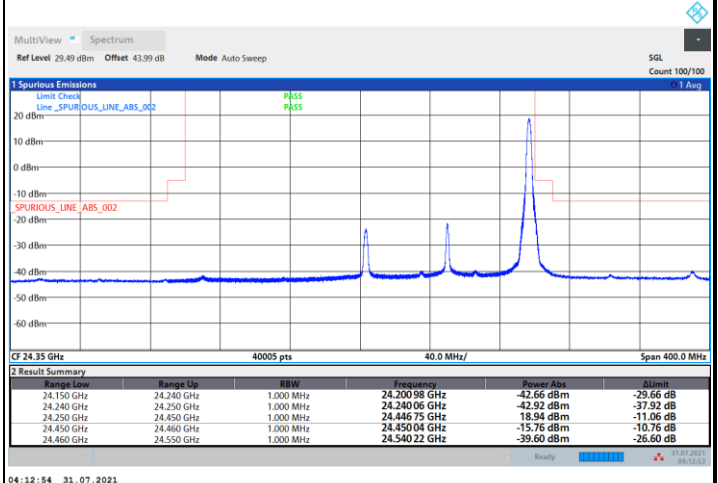
NR Band n258A / 100MHz / 64QAM

Lowest Band Edge / 1 RB



02:38:27 31.07.2021

Highest Band Edge / 1 RB

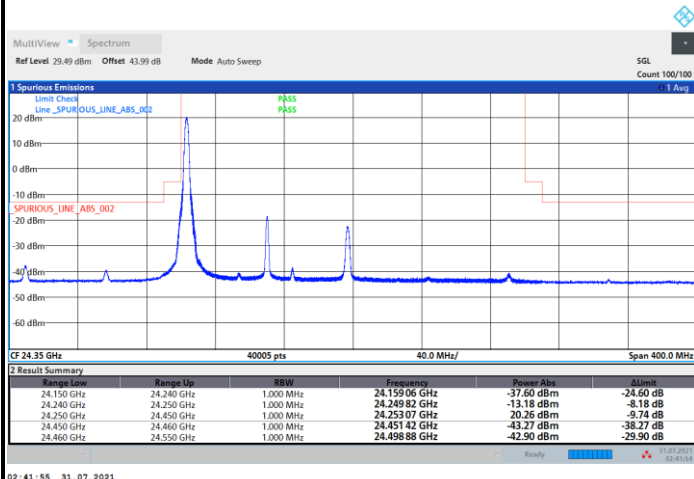


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CP-OFDM Module A

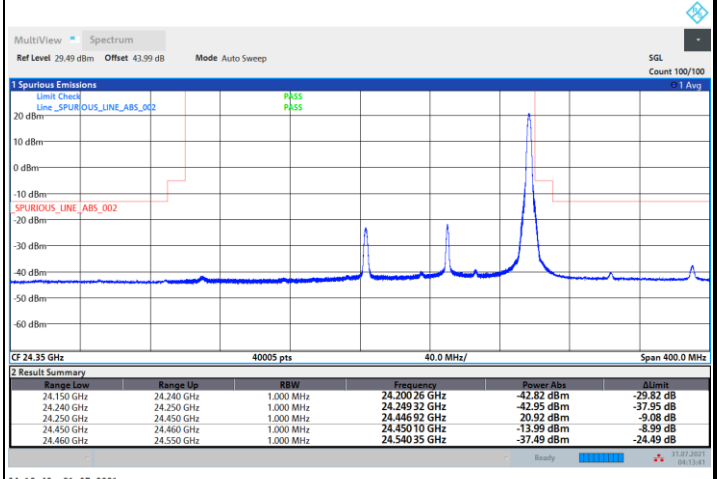
NR Band n258A / 100MHz / QPSK

Lowest Band Edge / 1 RB



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Highest Band Edge / 1 RB



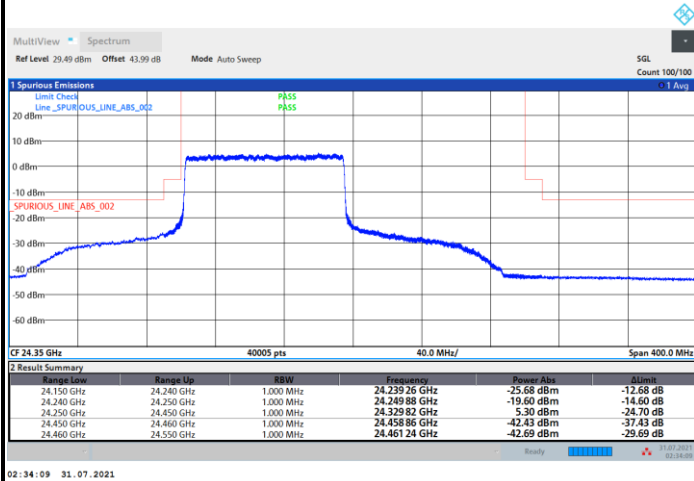
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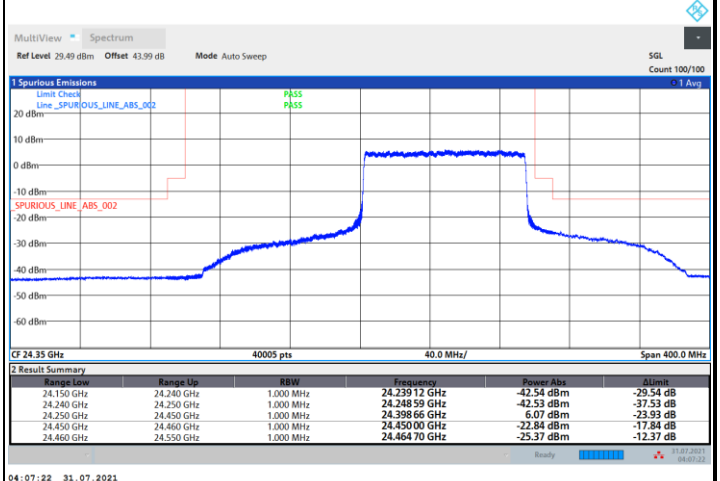
DFT-s-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / Full RB

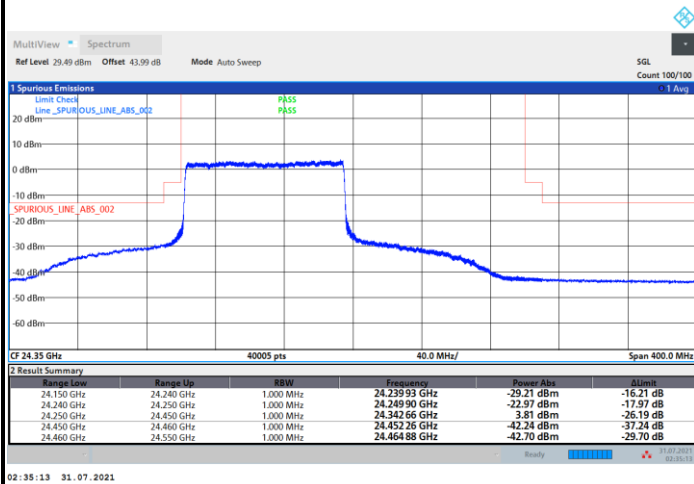


Highest Band Edge / Full RB

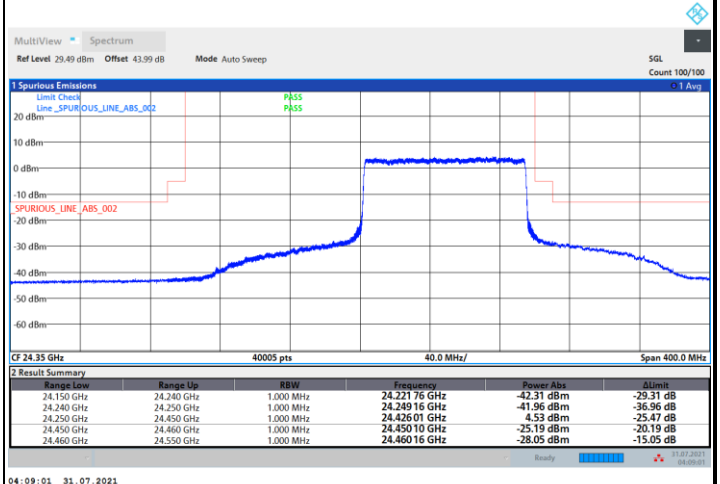


NR Band n258A / 100MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

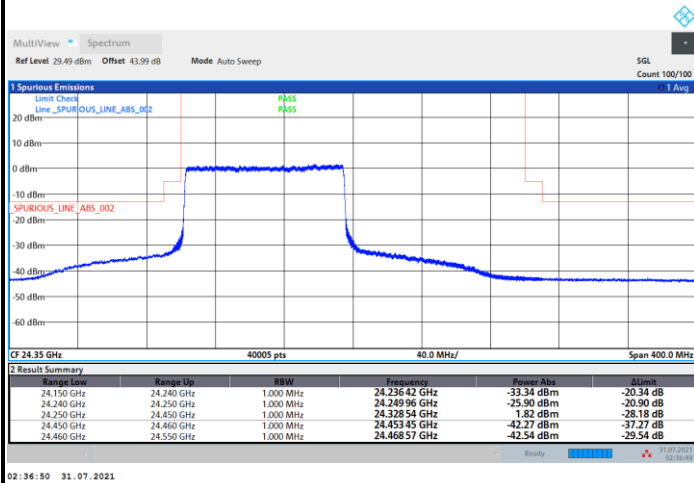




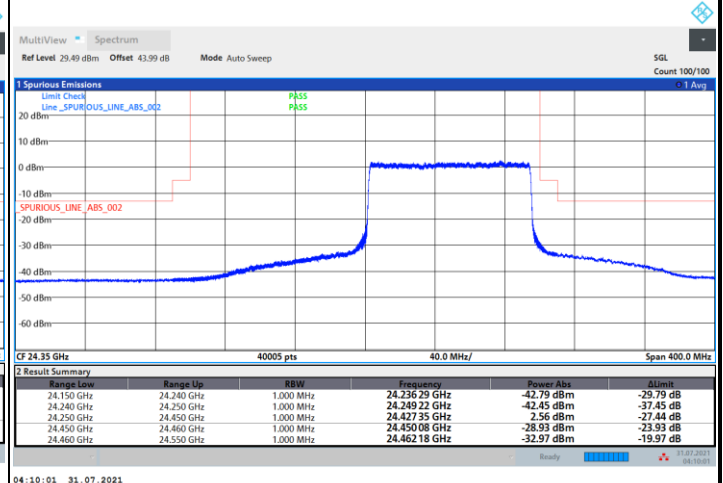
DFT-s-OFDM Module A

NR Band n258A / 100MHz / 64QAM

Lowest Band Edge / Full RB



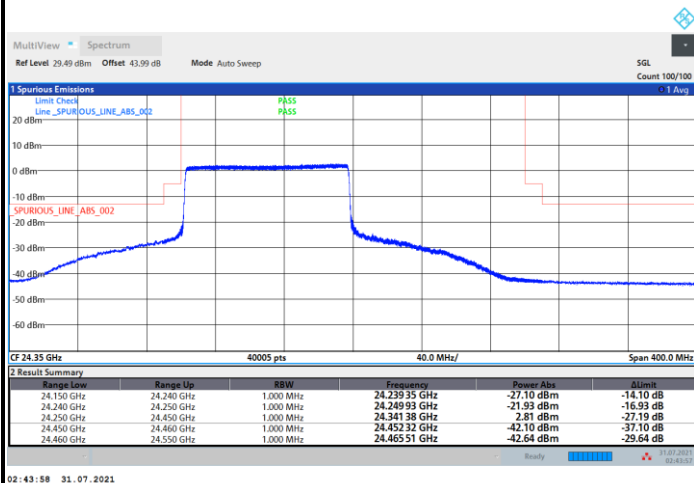
Highest Band Edge / Full RB



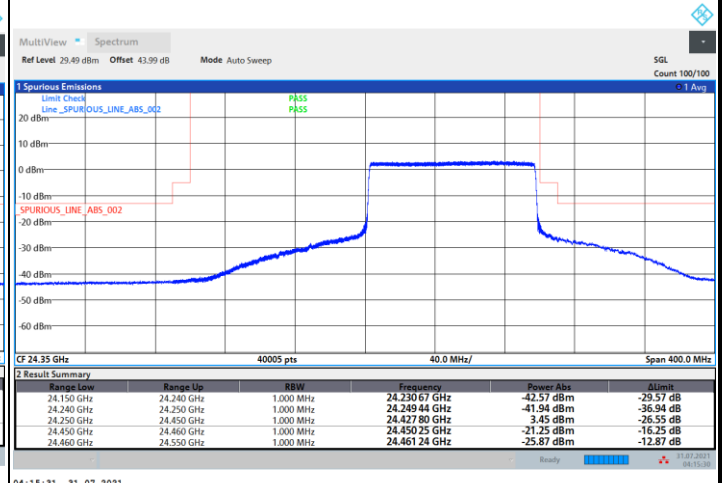
CP-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low Edge	0~10%OB	≤-5	-14.74	-17.98	-15.97
	>10%OB	≤-13	-14.54	-17.38	-19.25
High Edge	0~10%OB	≤-5	-14.38	-13.80	-17.93
	>10%OB	≤-13	-15.26	-19.14	-21.04
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK		
Low Edge	0~10%OB	≤-5	-15.58		
	>10%OB	≤-13	-14.86		
High Edge	0~10%OB	≤-5	-11.75		
	>10%OB	≤-13	-13.42		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low Edge	0~10%OB	≤-5	-21.90	-24.32	-28.89
	>10%OB	≤-13	-27.35	-28.75	-31.60
High Edge	0~10%OB	≤-5	-24.61	-29.01	-30.33
	>10%OB	≤-13	-26.61	-28.66	-31.82
Result			Compliance		

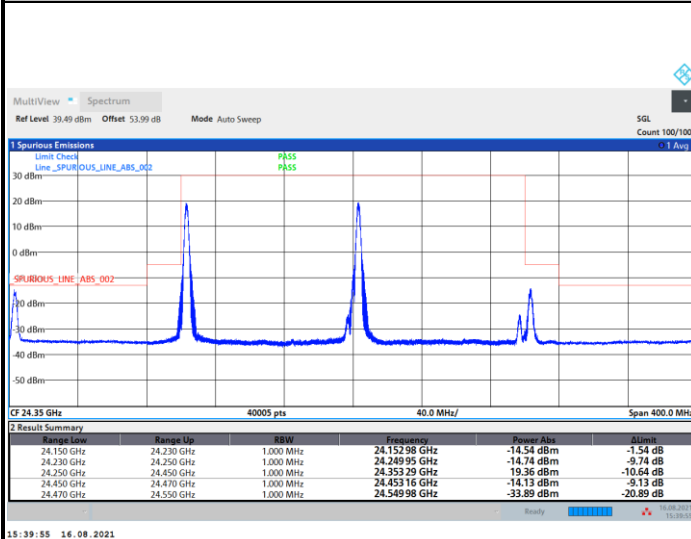
Mode			CP-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK		
Low Edge	0~10%OB	≤-5	-22.83		
	>10%OB	≤-13	-24.03		
High Edge	0~10%OB	≤-5	-21.26		
	>10%OB	≤-13	-22.46		
Result			Compliance		



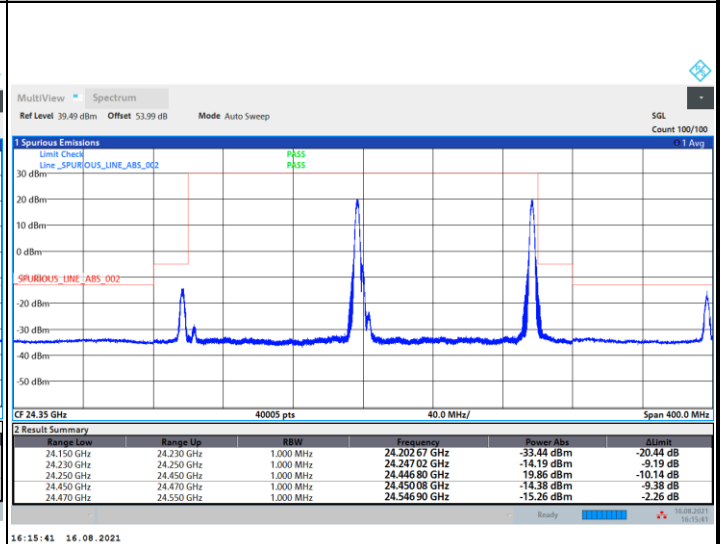
DFT-s-OFDM Module A

NR Band n258A / 200MHz / QPSK

Lowest Band Edge / 1 RB

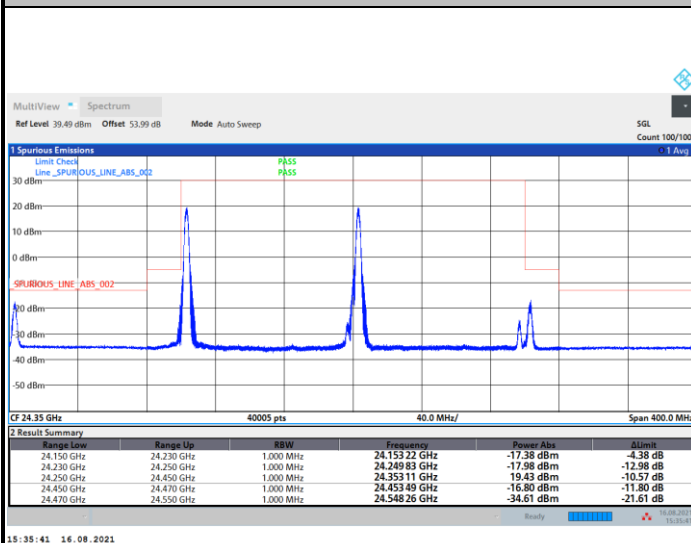


Highest Band Edge / 1 RB

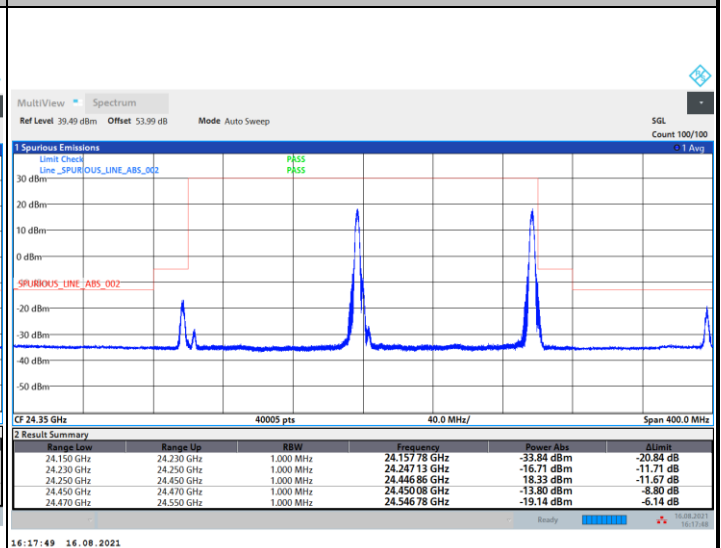


NR Band n258A / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

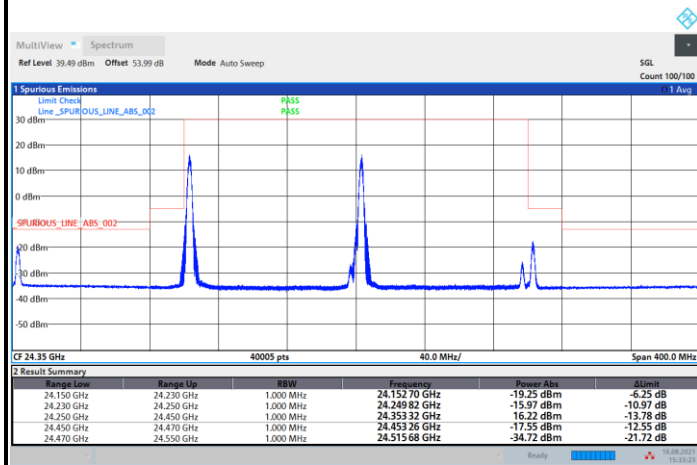




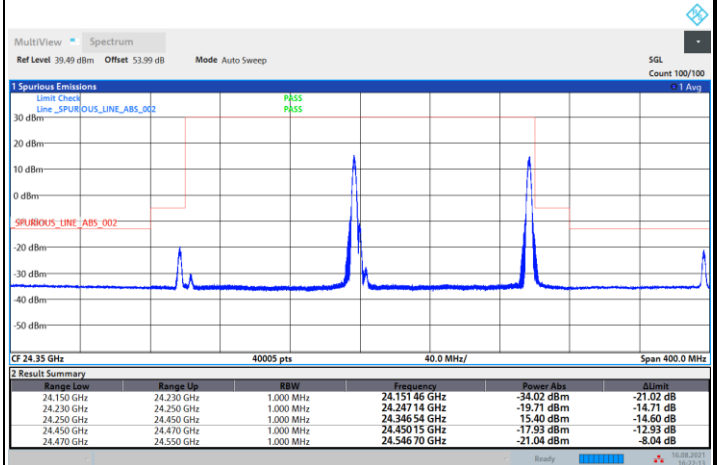
DFT-s-OFDM Module A

NR Band n258A / 200MHz / 64QAM

Lowest Band Edge / 1 RB



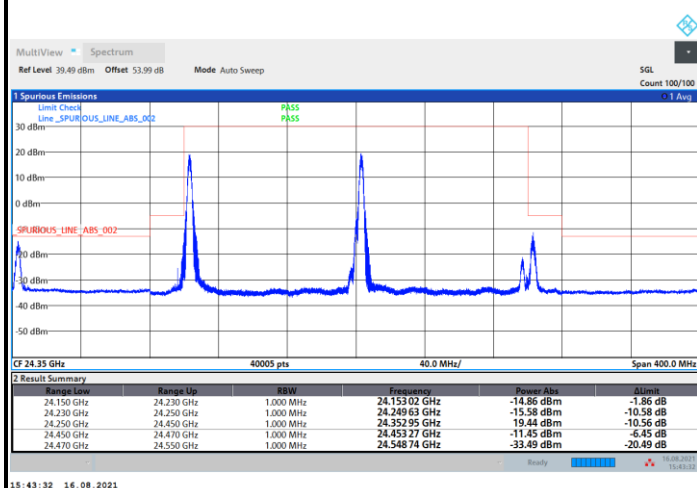
Highest Band Edge / 1 RB



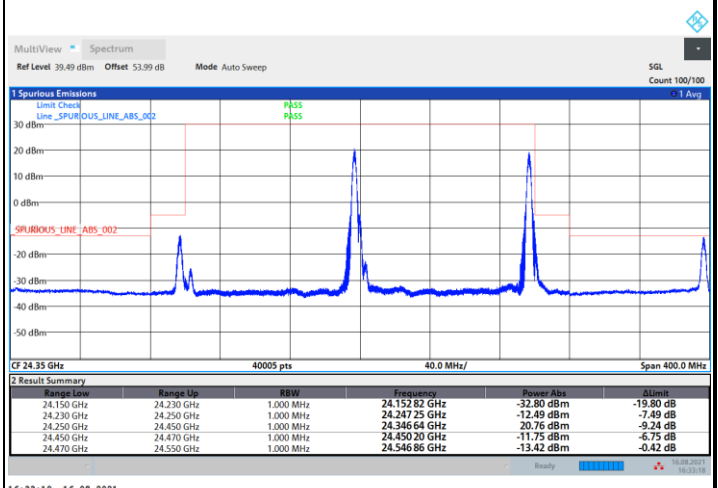
CP-OFDM Module A

NR Band n258A / 200MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



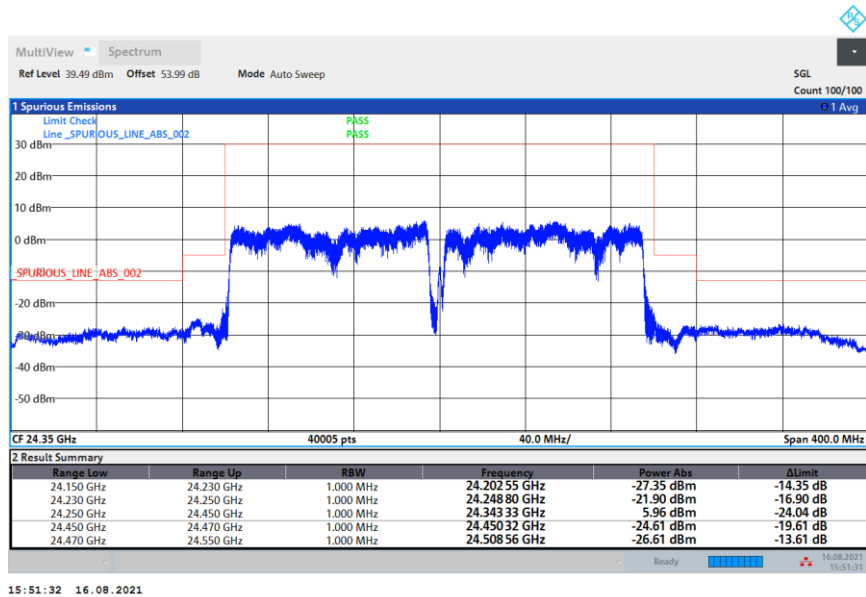


DFT-s-OFDM Module A

NR Band n258A / 200MHz / QPSK

Lowest Band Edge / Full RB

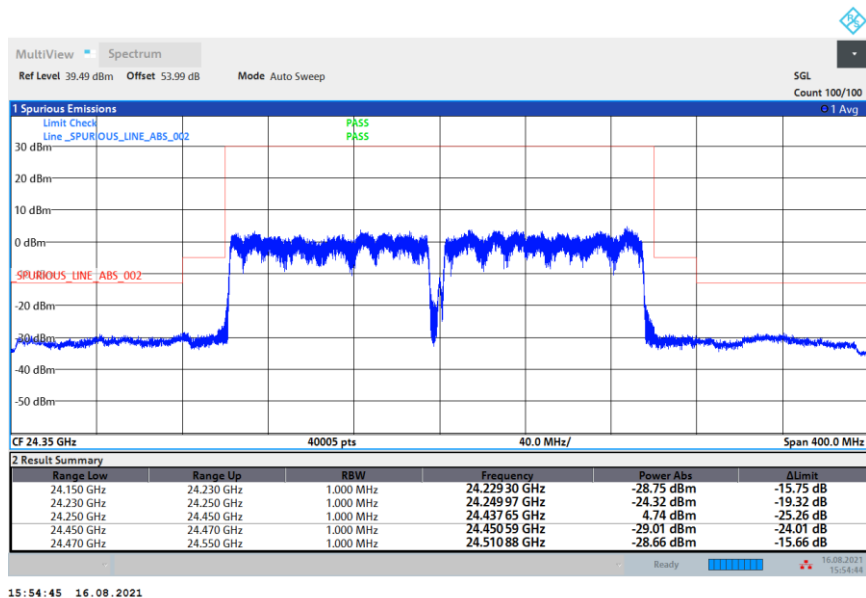
Highest Band Edge / Full RB

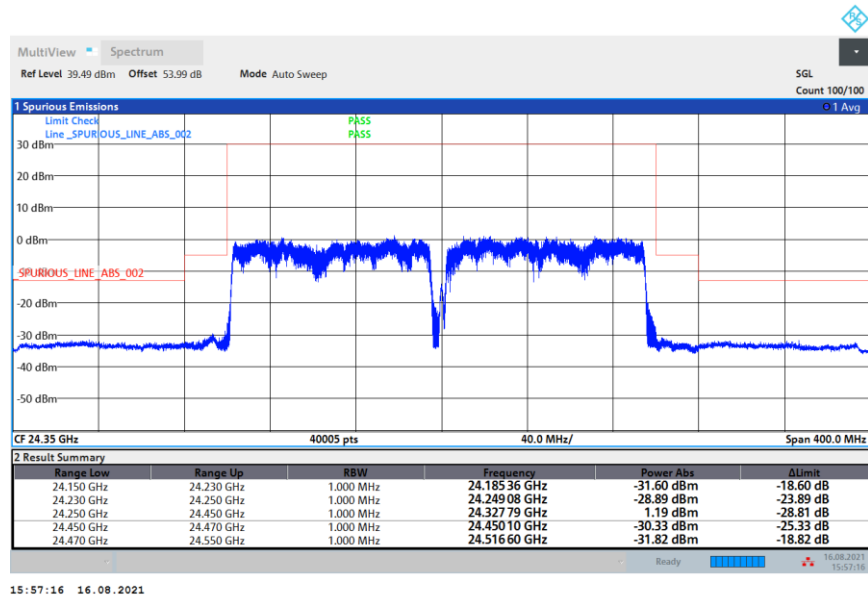
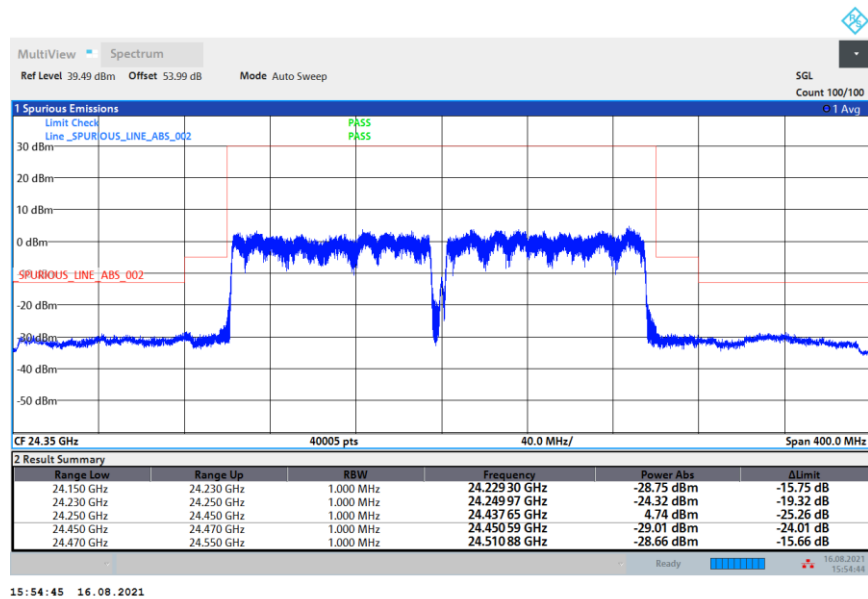


NR Band n258A / 200MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



**DFT-s-OFDM Module A****NR Band n258A / 200MHz / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****CP-OFDM Module A****NR Band n258A / 200MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

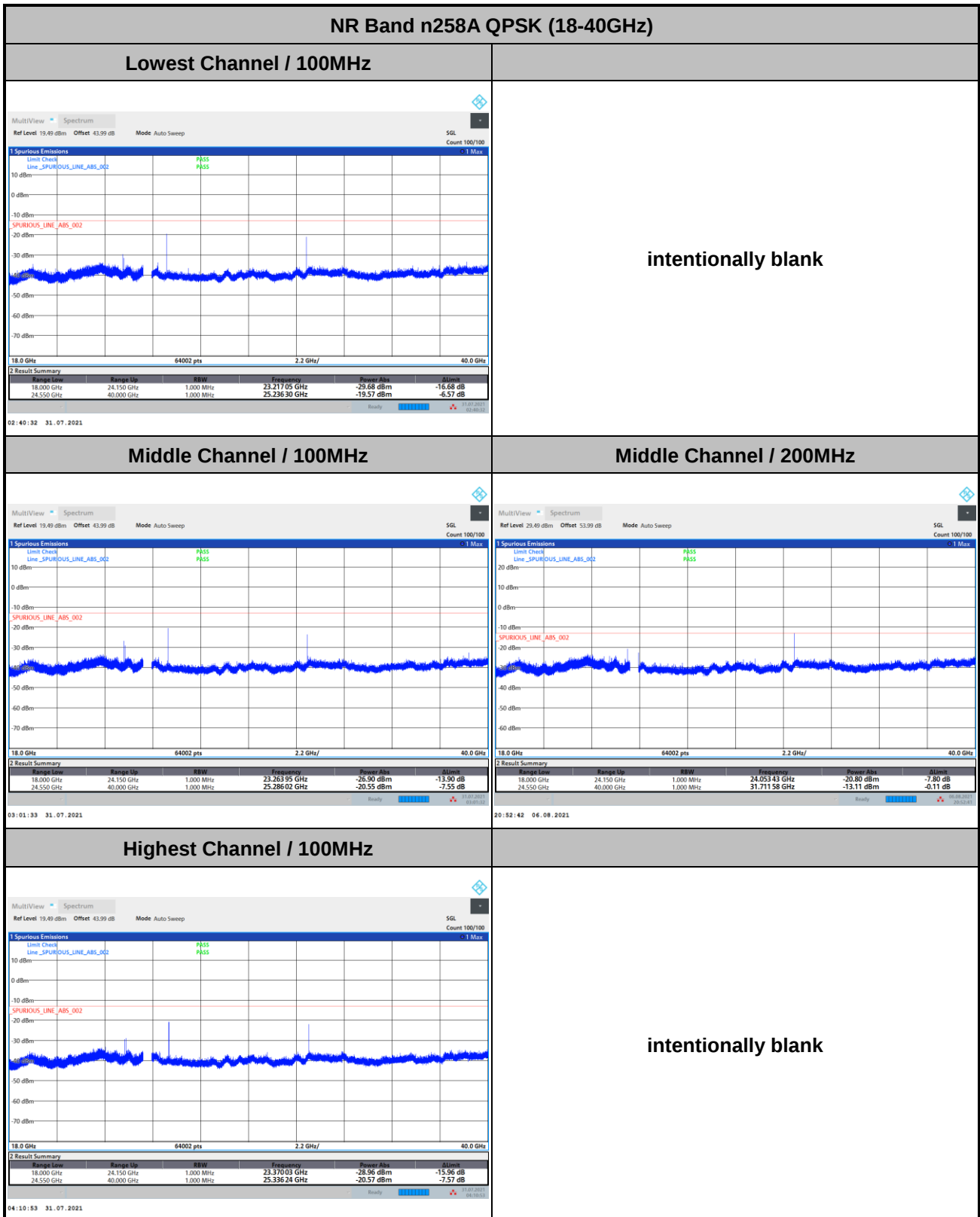


Spurious Emission



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

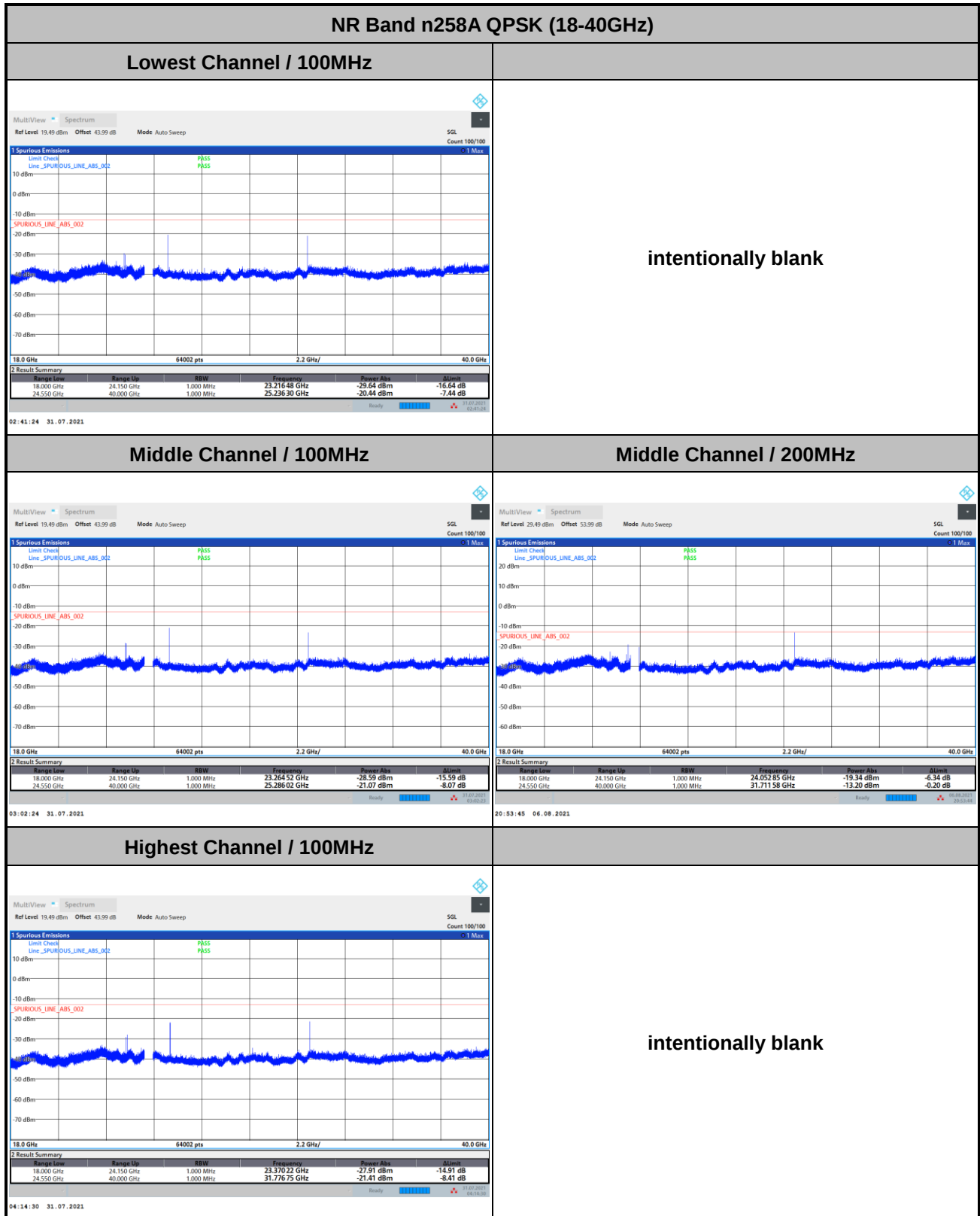
DFT-s-OFDM Module A



Remark: In band and out of band frequencies that has reported in previous results are omitted.



CP-OFDM Module A



Remark: In band and out of band frequencies that has reported in previous results are omitted.

NR Band n258A Module A Beam H+V

Occupied Bandwidth

Mode	DFT-s-OFDM Module A NR Band n258A : 99%OBW(MHz)					
BW	100MHz			200MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	91.68	91.45	91.55	-	-	-
Middle CH	91.57	91.77	91.63	190.54	190.37	190.44
Highest CH	91.77	91.88	91.58	-	-	-

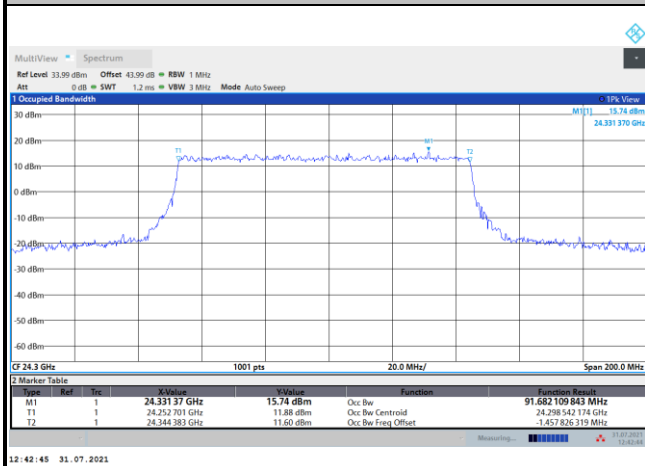
Mode	CP-OFDM Module A NR Band n258A : 99%OBW(MHz)	
BW	100MHz	200MHz
Mod.	QPSK	QPSK
Lowest CH	94.14	-
Middle CH	94.29	193.72
Highest CH	94.48	-



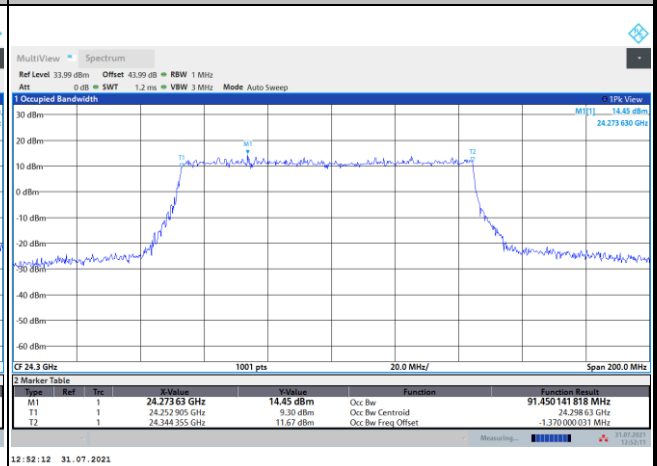
DFT-s-OFDM Module A

NR Band n258A

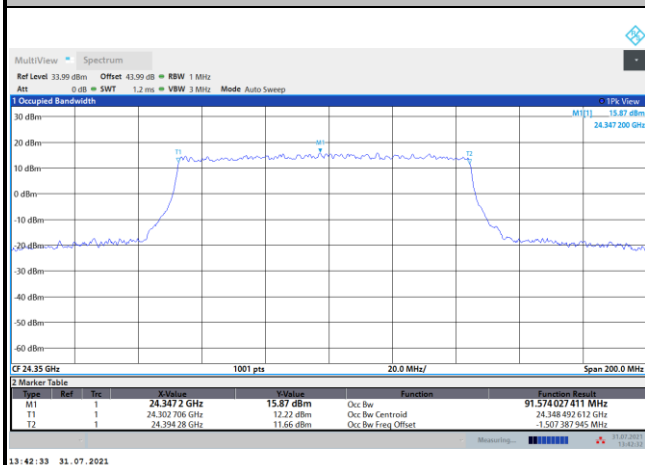
Lowest Channel / 100MHz / QPSK



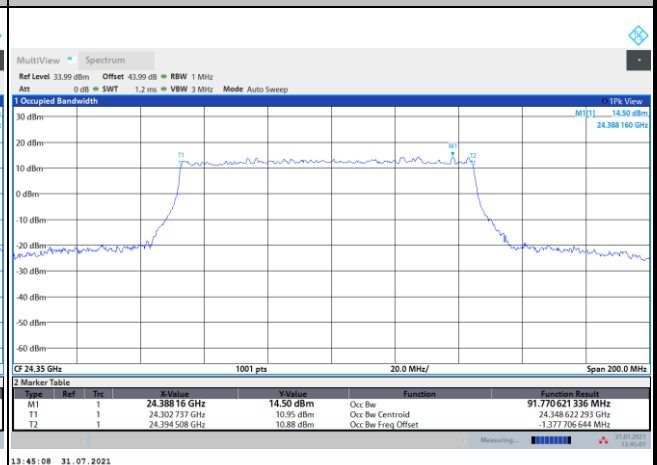
Lowest Channel / 100MHz / 16QAM



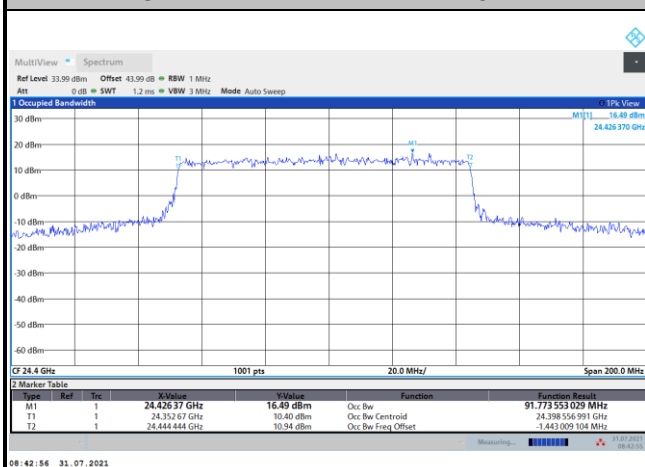
Middle Channel / 100MHz / QPSK



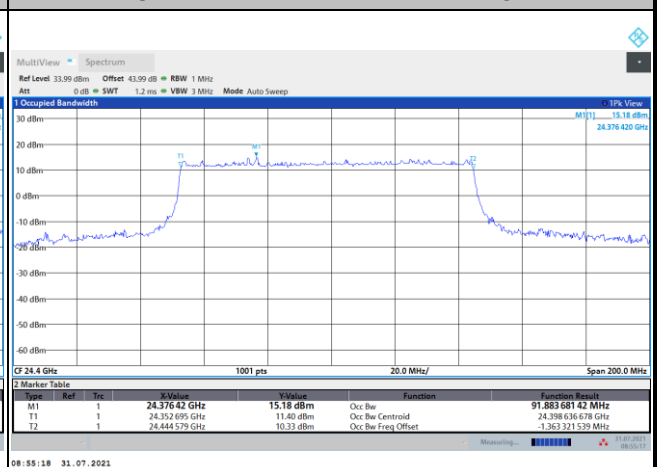
Middle Channel / 100MHz / 16QAM



Highest Channel / 100MHz / QPSK



Highest Channel / 100MHz / 16QAM

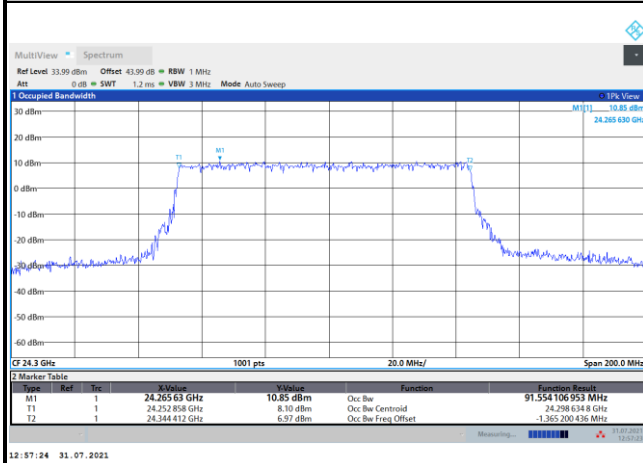




DFT-s-OFDM Module A

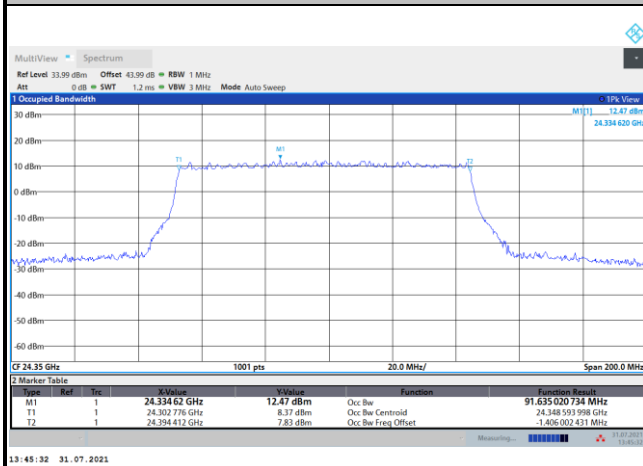
NR Band n258A

Lowest Channel / 100MHz / 64QAM

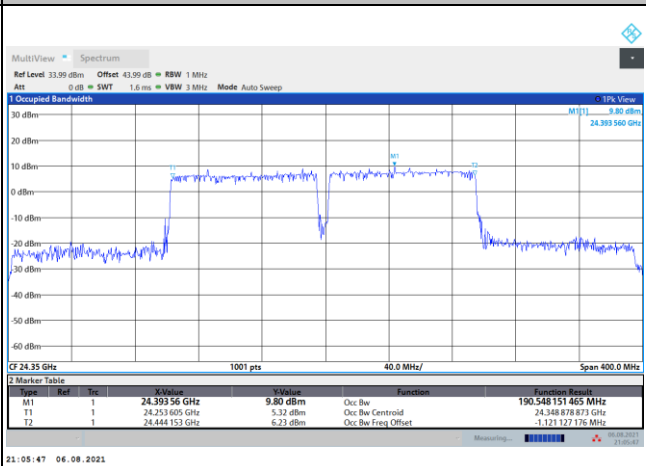


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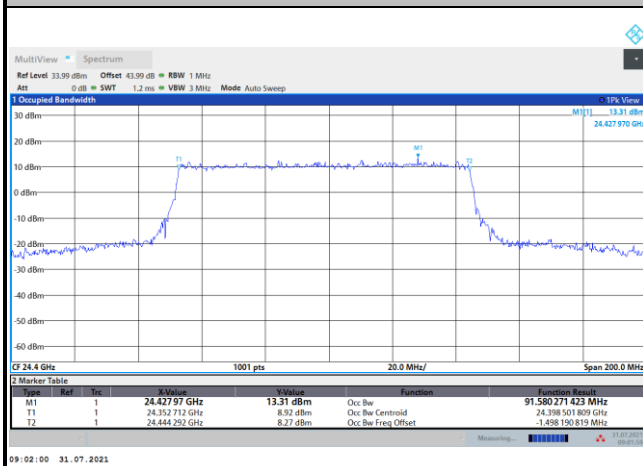
Middle Channel / 100MHz / 64QAM



Middle Channel / 200MHz / QPSK



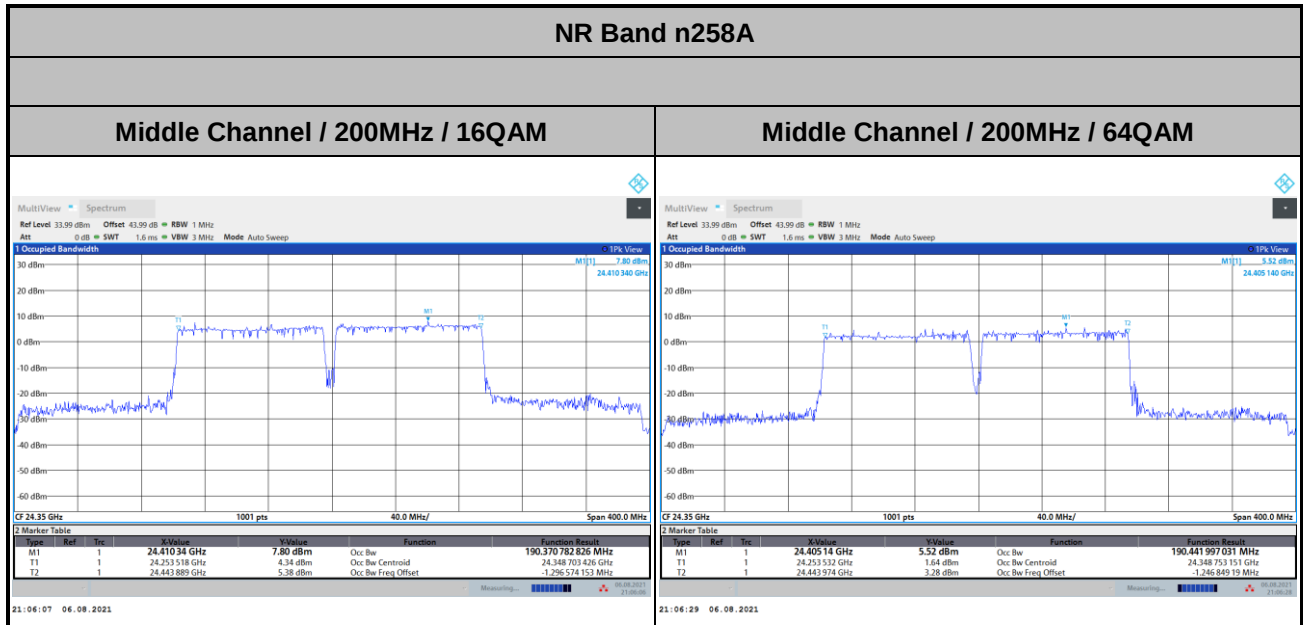
Highest Channel / 100MHz / 64QAM



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DFT-s-OFDM Module A

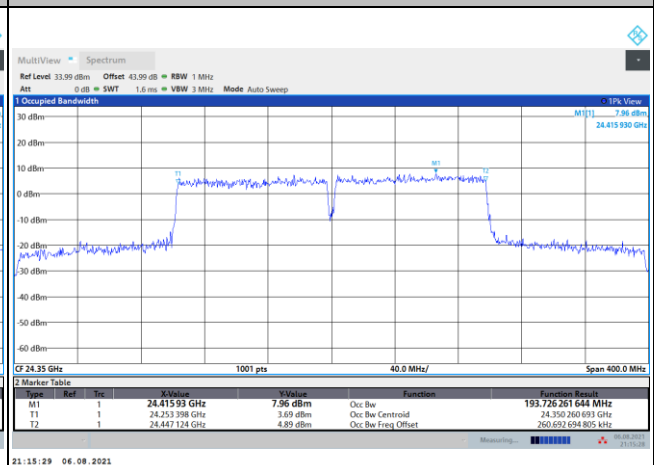




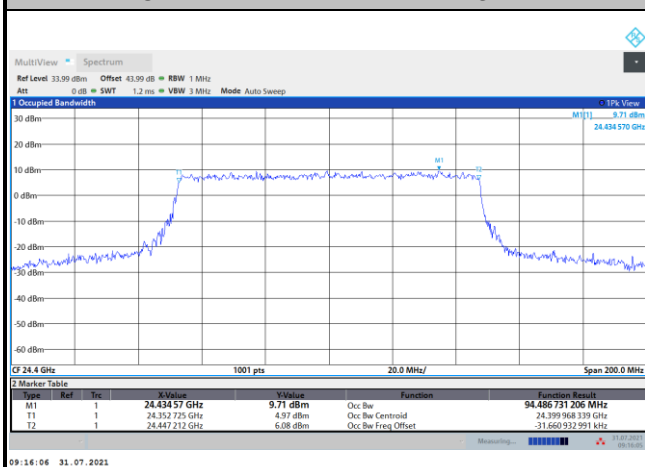
Lowest Channel / 100MHz / QPSK



Middle Channel / 200MHz / QPSK



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Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-11.33	-13.21	-14.81
	>10%OB	≤-13	-38.46	-39.61	-39.71
High CH	0~10%OB	≤-5	-7.23	-11.33	-14.21
	>10%OB	≤-13	-37.99	-39.82	-41.60
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			100MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤-5	-11.79		
	>10%OB	≤-13	-39.49		
High CH	0~10%OB	≤-5	-16.58		
	>10%OB	≤-13	-42.05		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			100MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-18.67	-21.31	-24.79
	>10%OB	≤-13	-26.33	-31.93	-34.64
High CH	0~10%OB	≤-5	-16.37	-20.16	-25.07
	>10%OB	≤-13	-18.04	-21.90	-27.67
Result			Compliance		

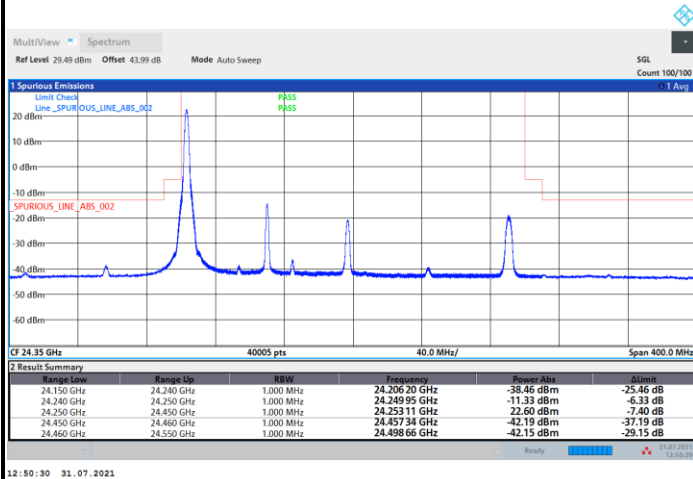
Mode			CP-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			100MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤-5	-22.14		
	>10%OB	≤-13	-30.62		
High CH	0~10%OB	≤-5	-24.32		
	>10%OB	≤-13	-30.26		
Result			Compliance		



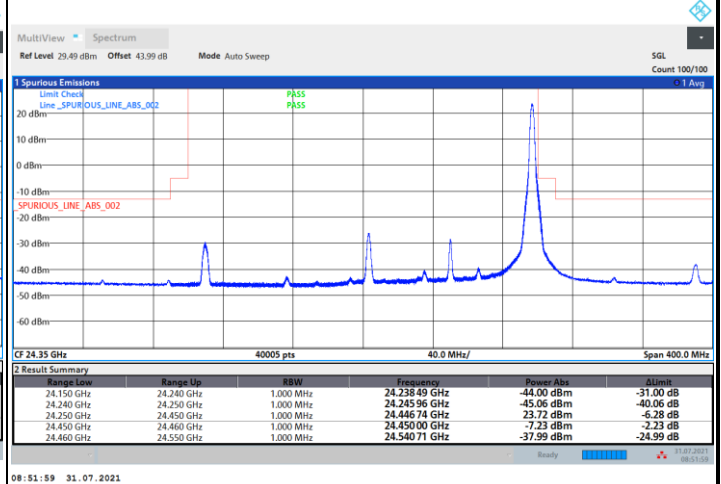
DFT-s-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / 1 RB

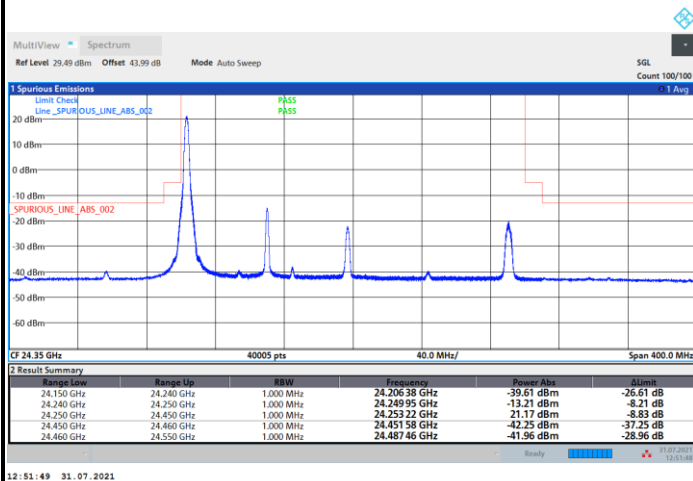


Highest Band Edge / 1 RB

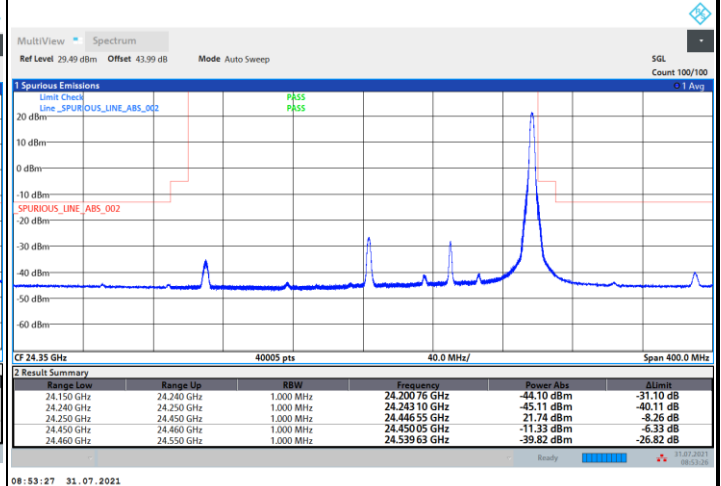


NR Band n258A / 100MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

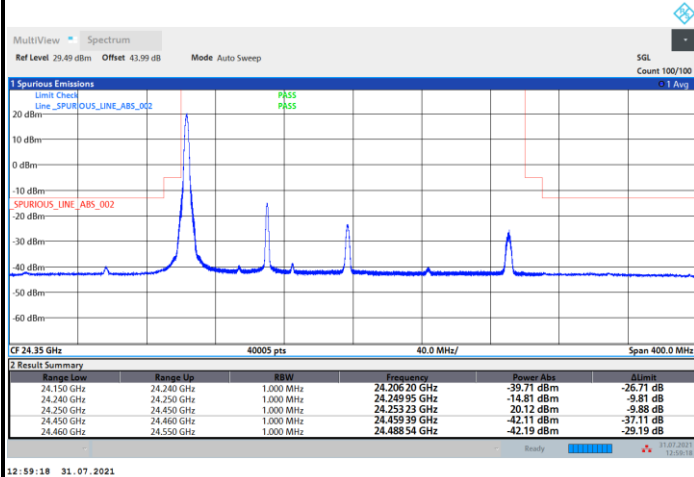




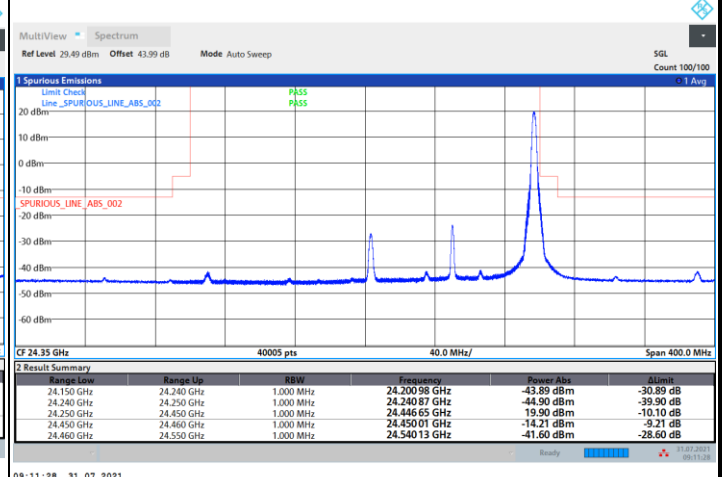
DFT-s-OFDM Module A

NR Band n258A / 100MHz / 64QAM

Lowest Band Edge / 1 RB



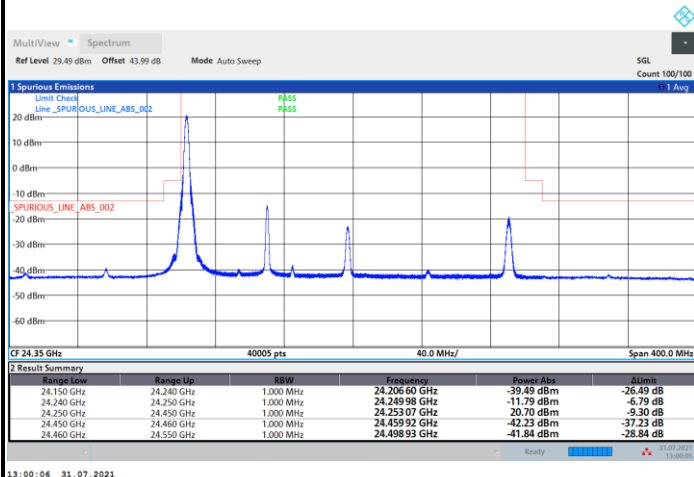
Highest Band Edge / 1 RB



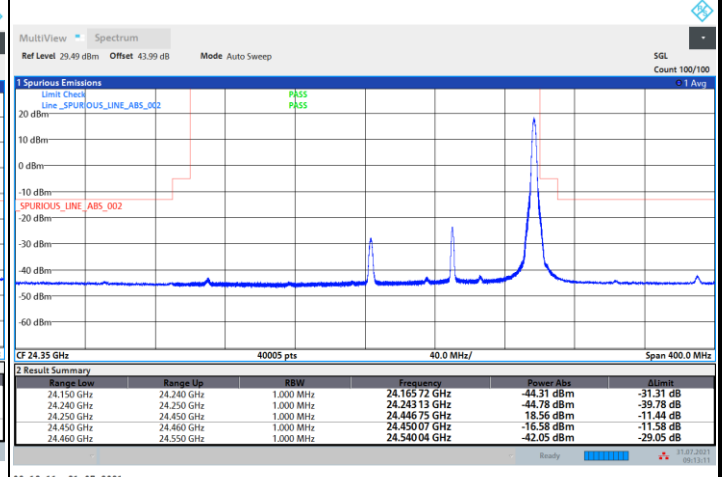
CP-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

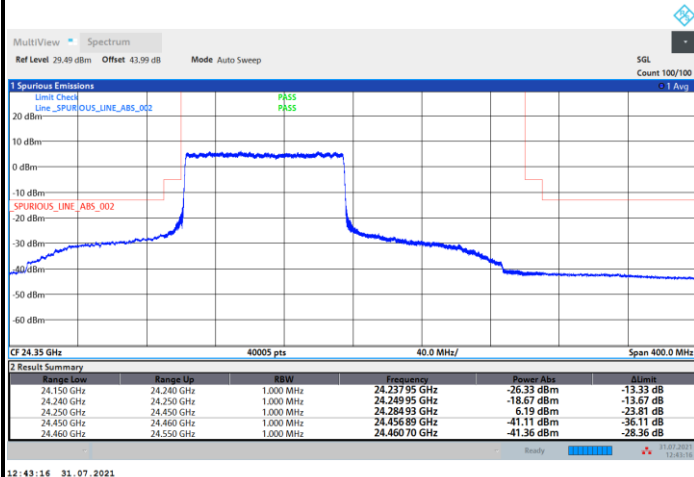




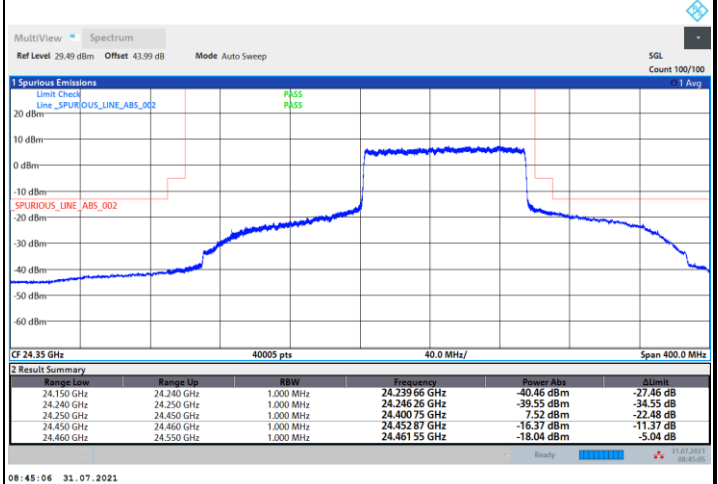
DFT-s-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / Full RB

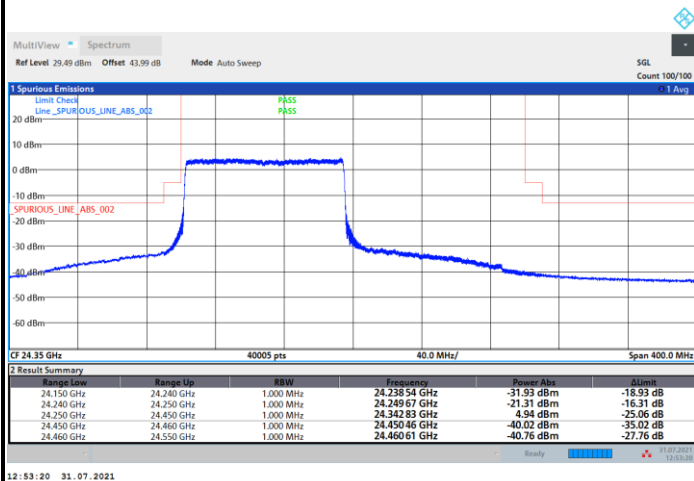


Highest Band Edge / Full RB

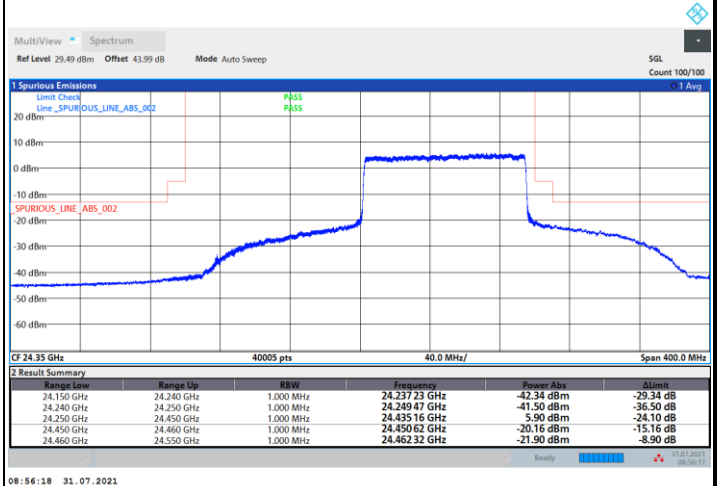


NR Band n258A / 100MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

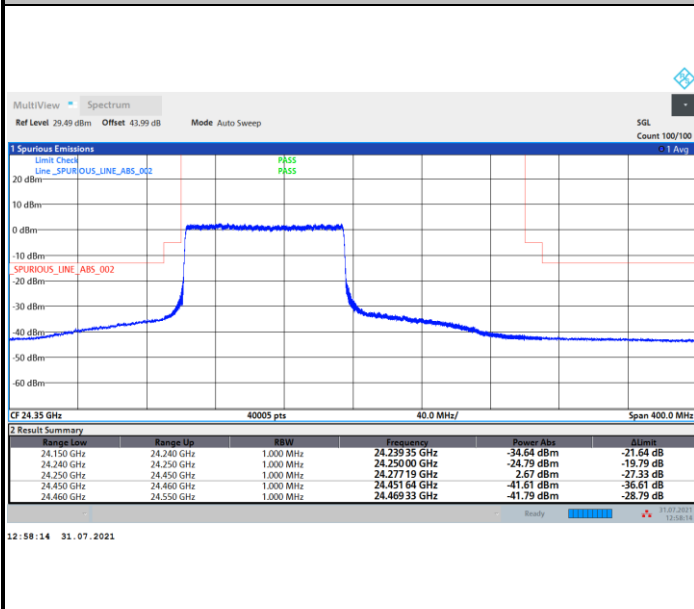




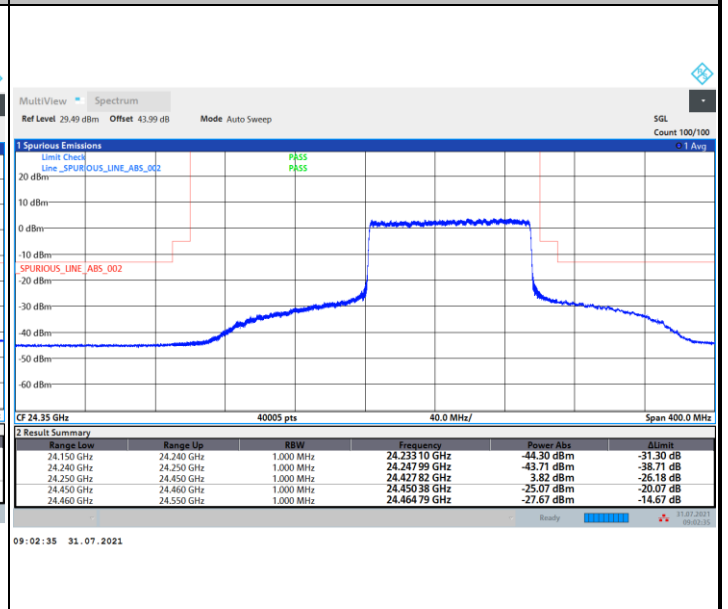
DFT-s-OFDM Module A

NR Band n258A / 100MHz / 64QAM

Lowest Band Edge / Full RB



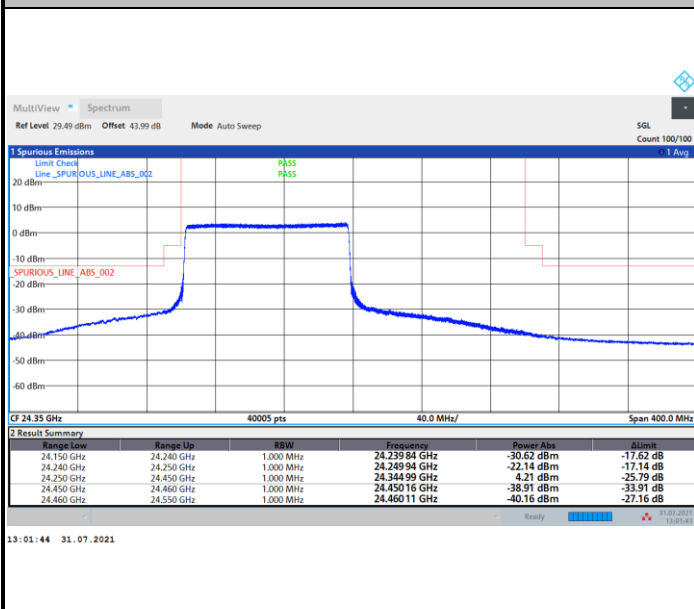
Highest Band Edge / Full RB



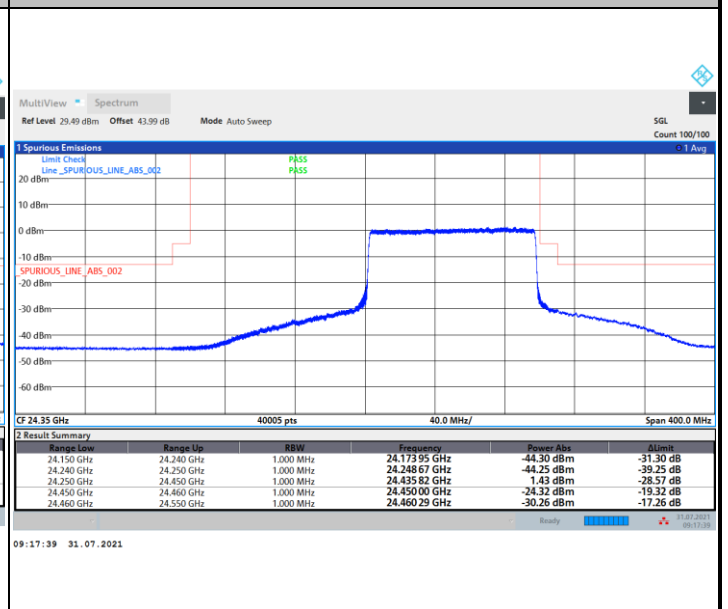
CP-OFDM Module A

NR Band n258A / 100MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low Edge	0~10%OB	≤ -5	-13.11	-17.42	-16.68
	>10%OB	≤ -13	-15.11	-15.98	-18.46
High Edge	0~10%OB	≤ -5	-13.87	-13.76	-19.07
	>10%OB	≤ -13	-15.64	-15.55	-20.43
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258A : BE (dBm) 1 RB		
BW			200MHz		
Limit (dBm)			QPSK		
Low Edge	0~10%OB	≤ -5	-12.42		
	>10%OB	≤ -13	-13.08		
High Edge	0~10%OB	≤ -5	-13.92		
	>10%OB	≤ -13	-13.50		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low Edge	0~10%OB	≤ -5	-25.63	-23.67	-26.42
	>10%OB	≤ -13	-19.97	-28.10	-30.62
High Edge	0~10%OB	≤ -5	-24.34	-27.35	-29.62
	>10%OB	≤ -13	-25.48	-27.93	-30.87
Result			Compliance		

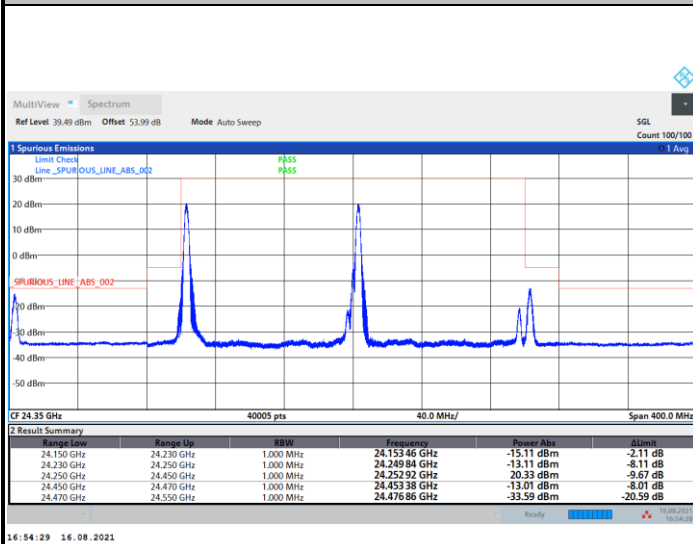
Mode			CP-OFDM Module A NR Band n258A : BE (dBm) Full RB		
BW			200MHz		
Limit (dBm)			QPSK		
Low Edge	0~10%OB	≤ -5	-21.30		
	>10%OB	≤ -13	-24.43		
High Edge	0~10%OB	≤ -5	-20.26		
	>10%OB	≤ -13	-23.13		
Result			Compliance		



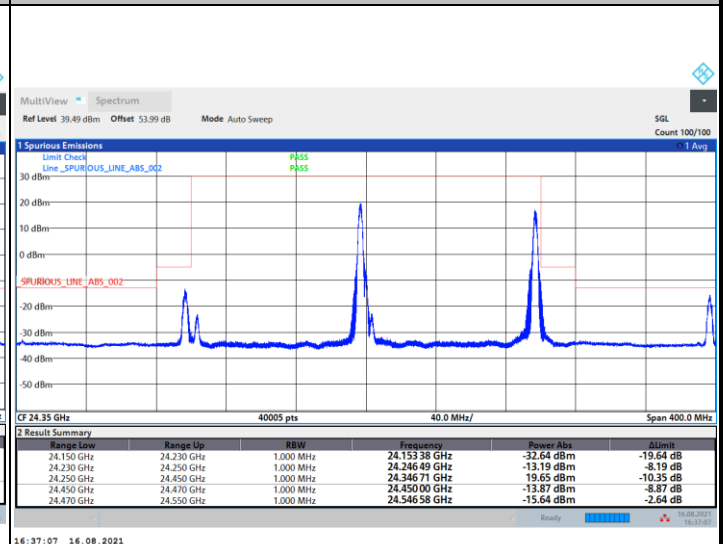
DFT-s-OFDM Module A

NR Band n258A / 200MHz / QPSK

Lowest Band Edge / 1 RB

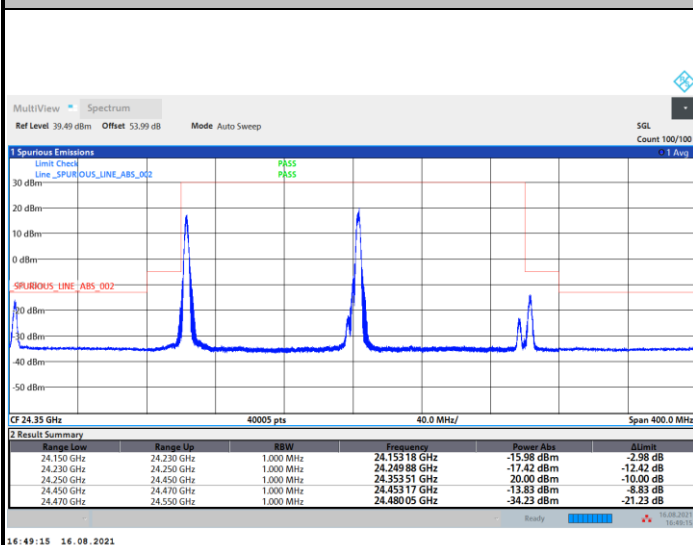


Highest Band Edge / 1 RB



NR Band n258A / 200MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

