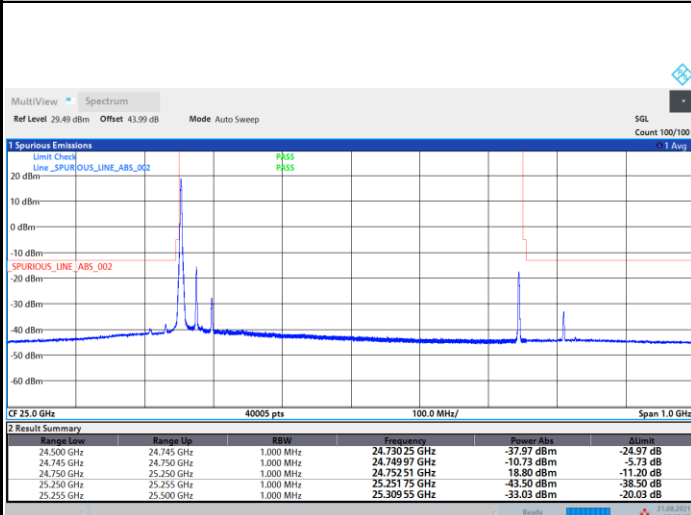




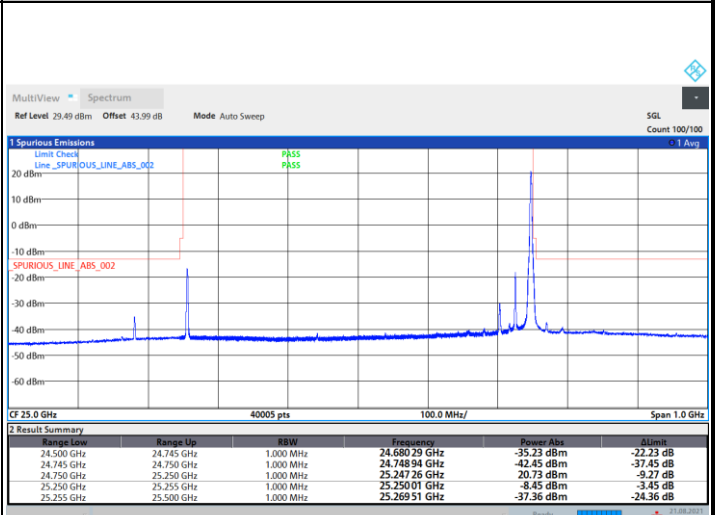
DFT-s-OFDM Module A

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / 1 RB

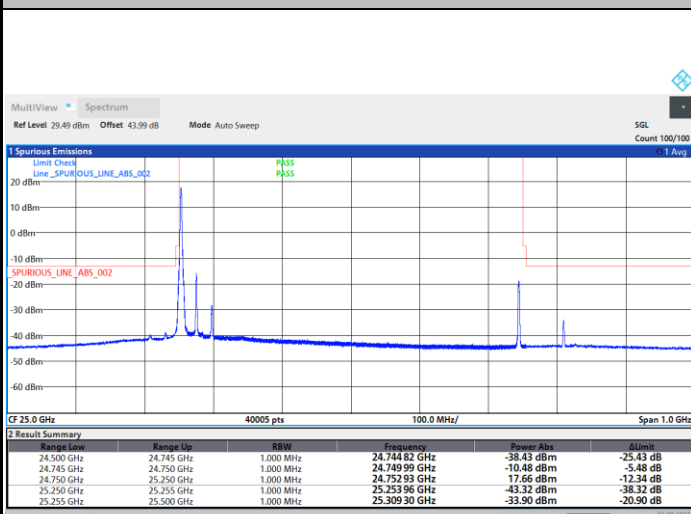


Highest Band Edge / 1 RB

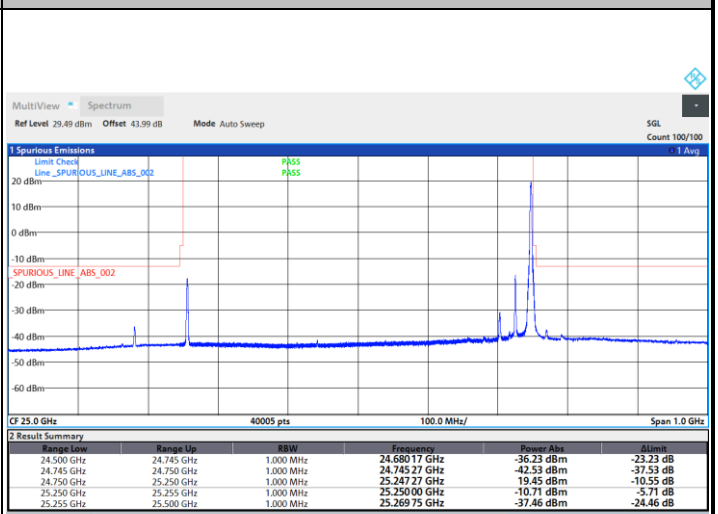


NR Band n258B / 50MHz / 16QAM

Lowest Band Edge / 1 RB

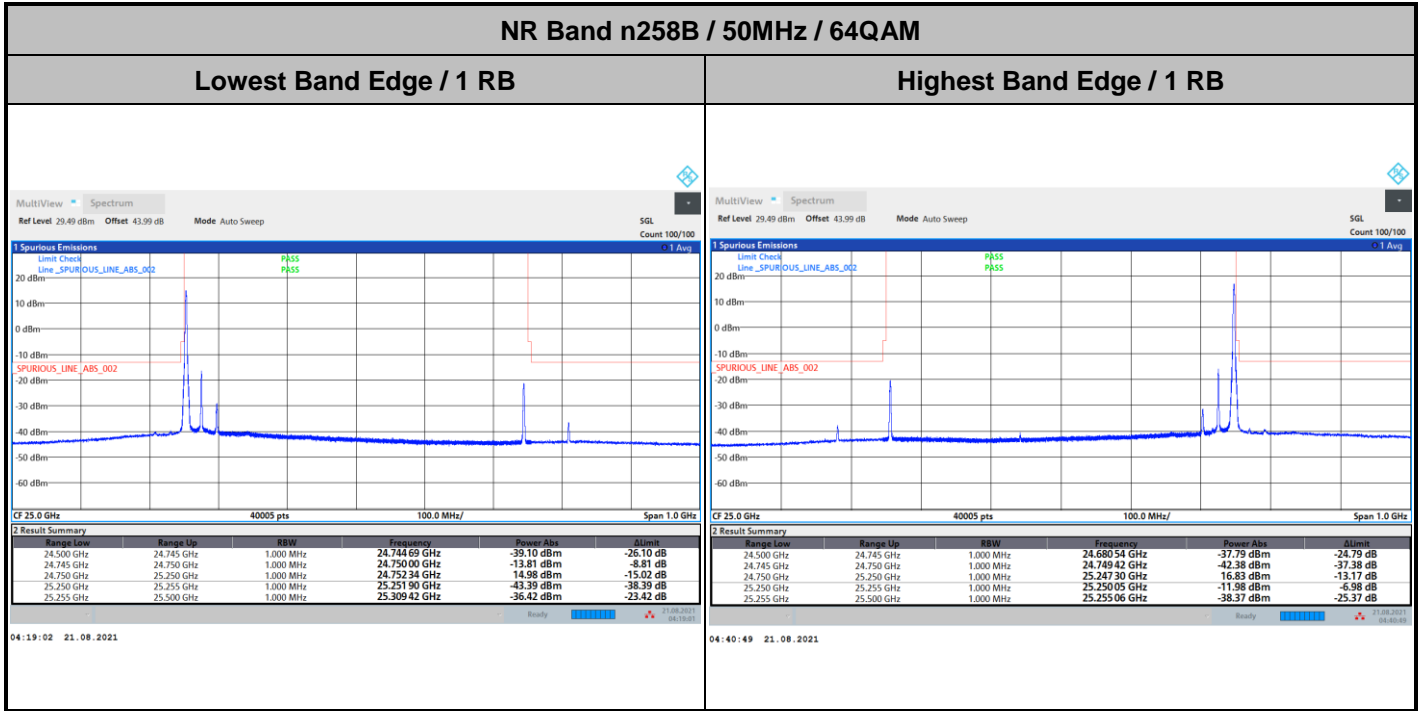


Highest Band Edge / 1 RB

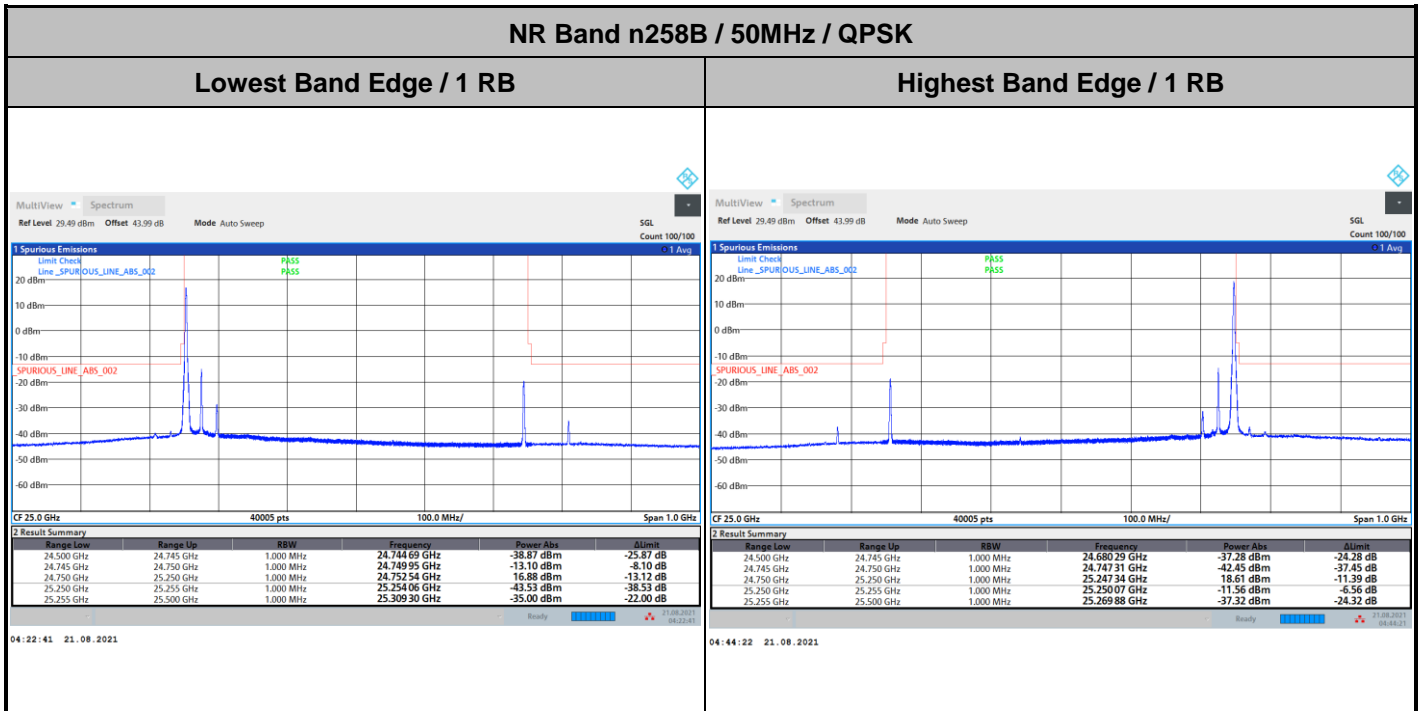




DFT-s-OFDM Module A



CP-OFDM Module A

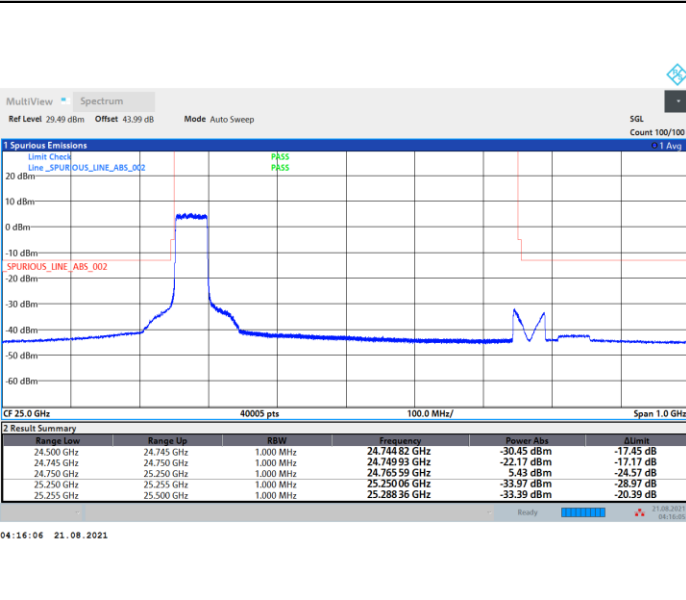




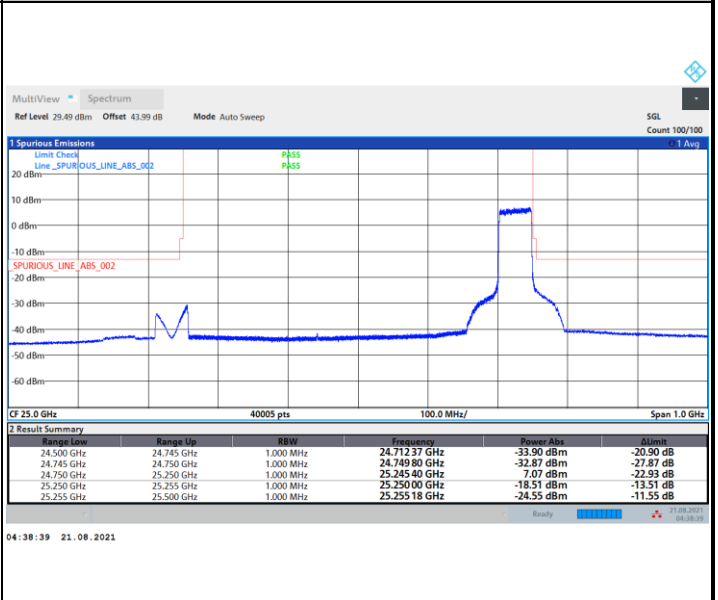
DFT-s-OFDM Module A

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / Full RB

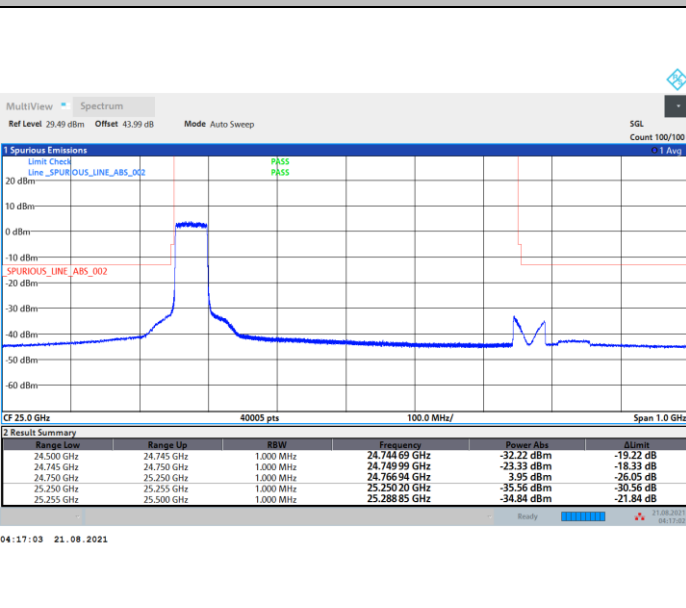


Highest Band Edge / Full RB

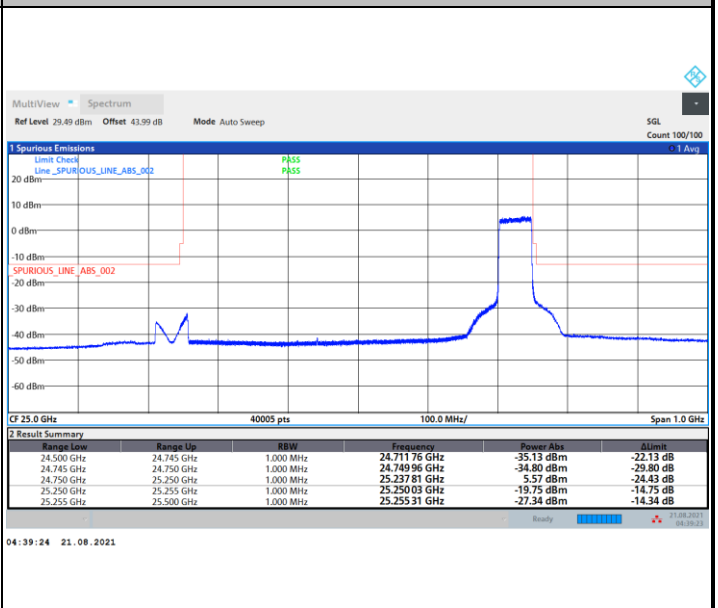


NR Band n258B / 50MHz / 16QAM

Lowest Band Edge / Full RB

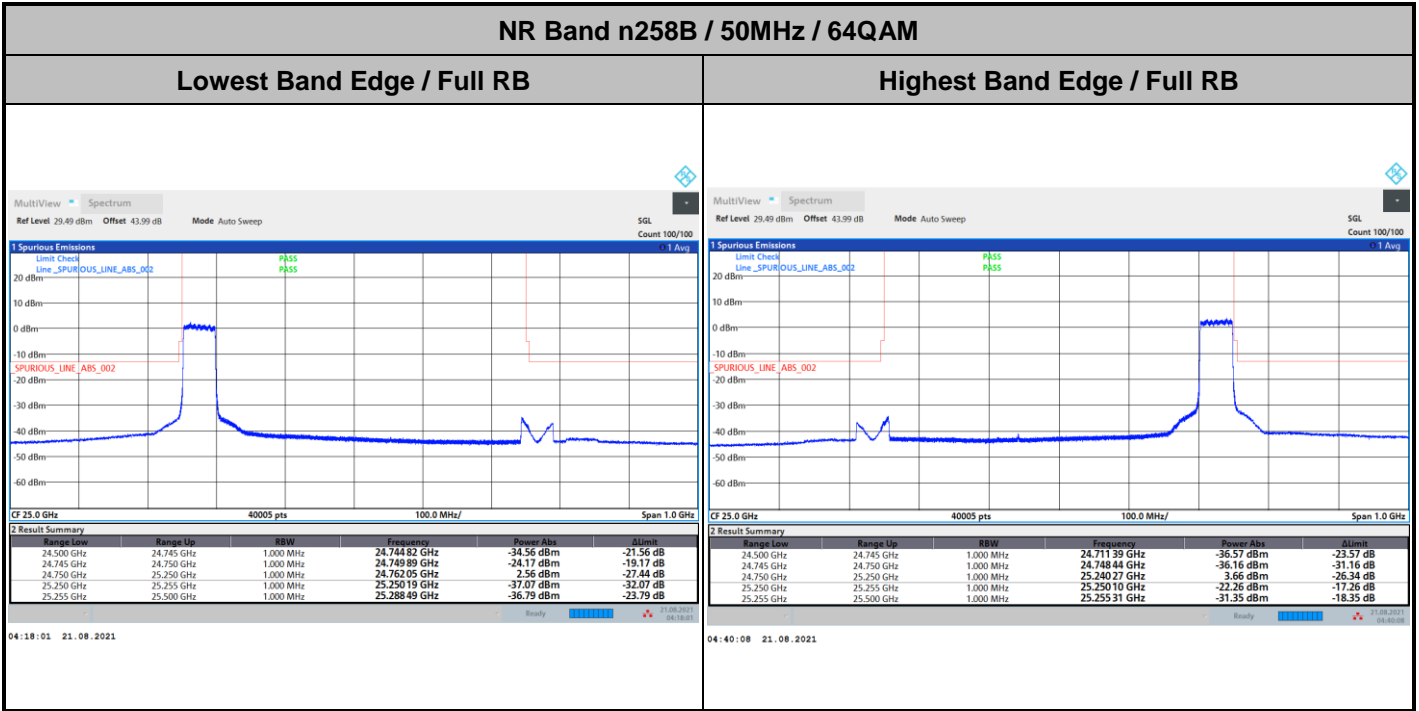


Highest Band Edge / Full RB

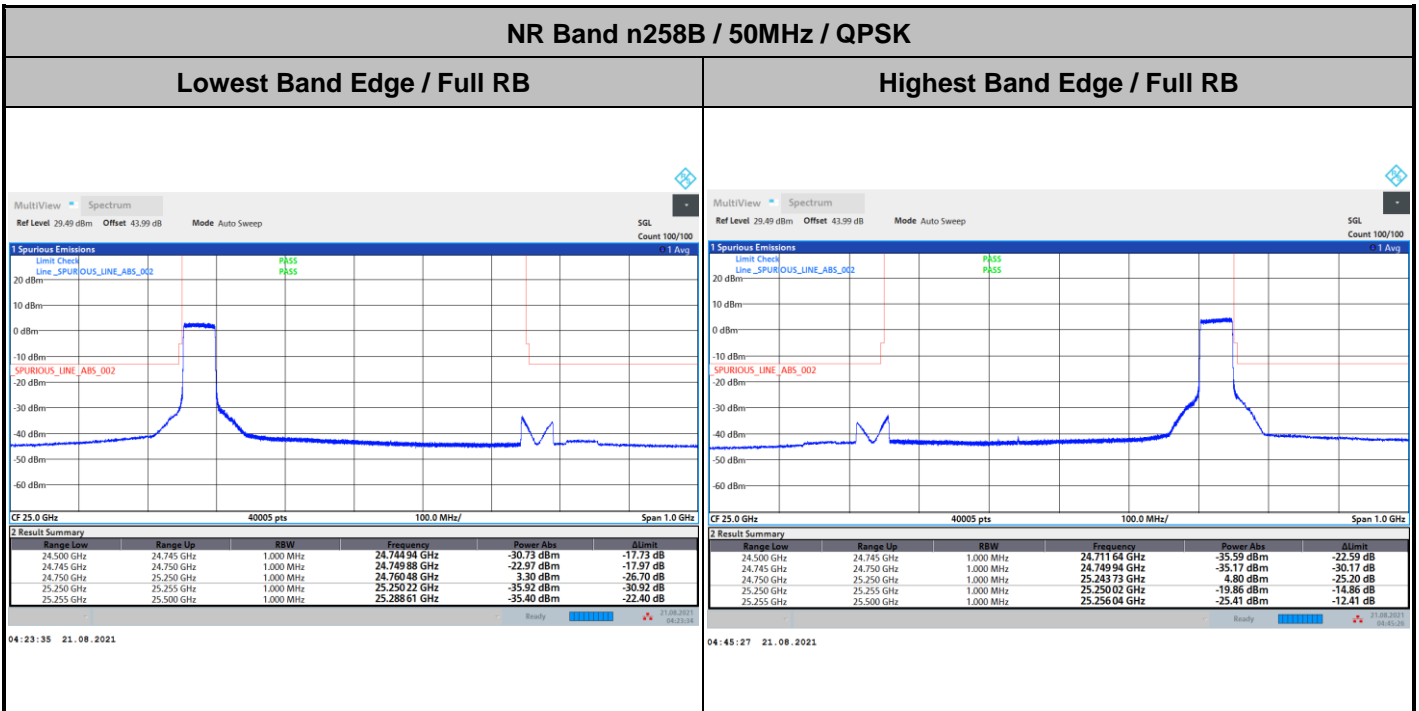




DFT-s-OFDM Module A



CP-OFDM Module A



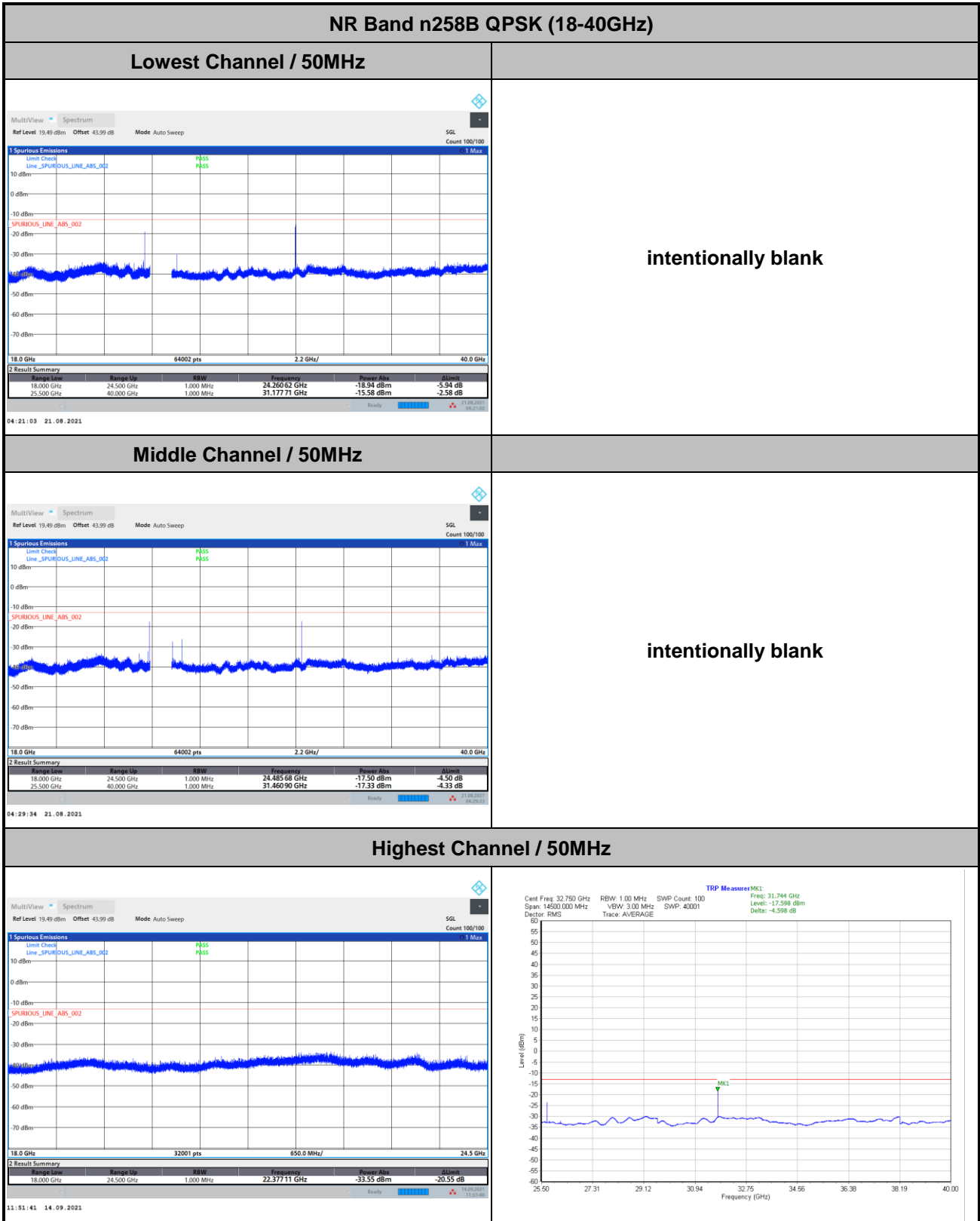


Spurious Emission



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

DFT-s-OFDM Module A



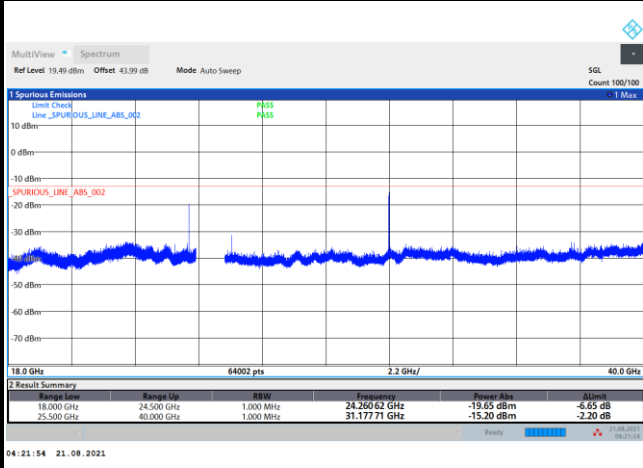
Remark: In band and out of band frequencies that has reported in previous results are omitted.



CP-OFDM Module A

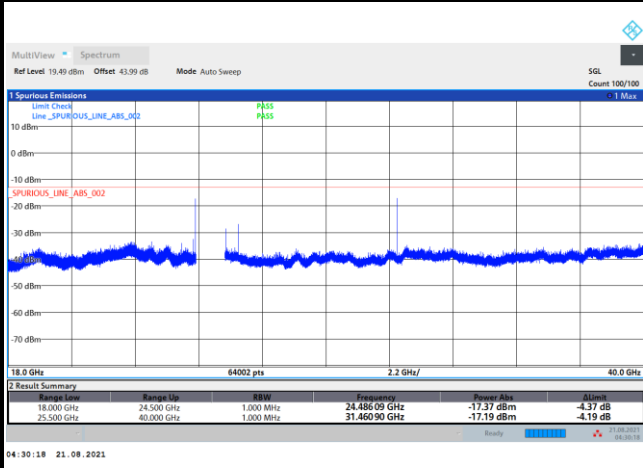
NR Band n258B QPSK (18-40GHz)

Lowest Channel / 50MHz



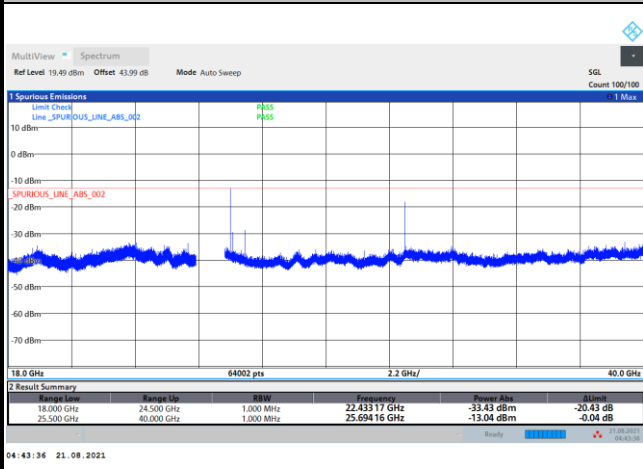
intentionally blank

Middle Channel / 50MHz



intentionally blank

Highest Channel / 50MHz



intentionally blank

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



NR Band n258B Module A Beam V

Occupied Bandwidth

Mode	DFT-s-OFDM Module A NR Band n258B : 99%OBW(MHz)		
BW	50MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	45.84	46.25	46.03
Middle CH	45.96	46.35	46.27
Highest CH	45.90	46.38	46.29

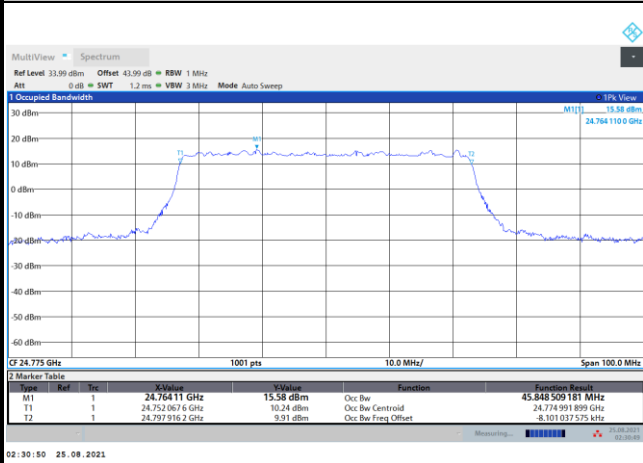
Mode	CP-OFDM Module A NR Band n258B : 99%OBW(MHz)
BW	50MHz
Mod.	QPSK
Lowest CH	46.16
Middle CH	46.03
Highest CH	46.01



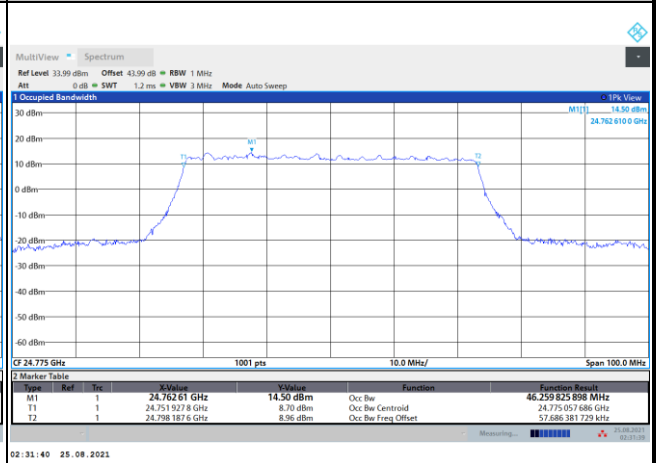
DFT-s-OFDM Module A

NR Band n258B

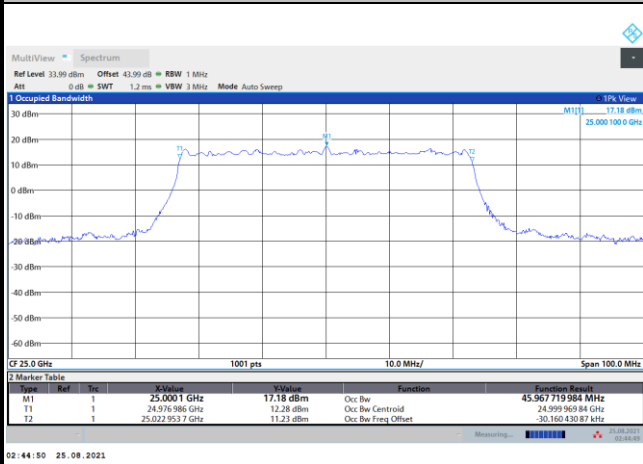
Lowest Channel / 50MHz / QPSK



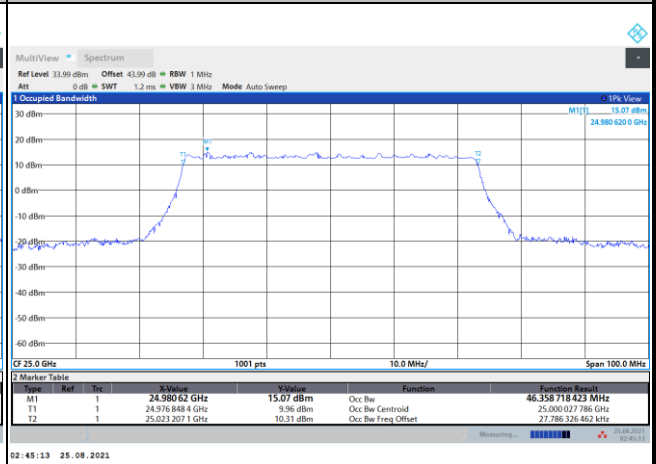
Lowest Channel / 50MHz / 16QAM



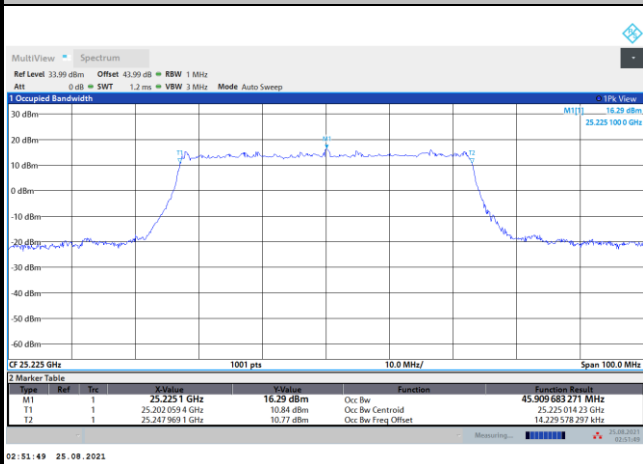
Middle Channel / 50MHz / QPSK



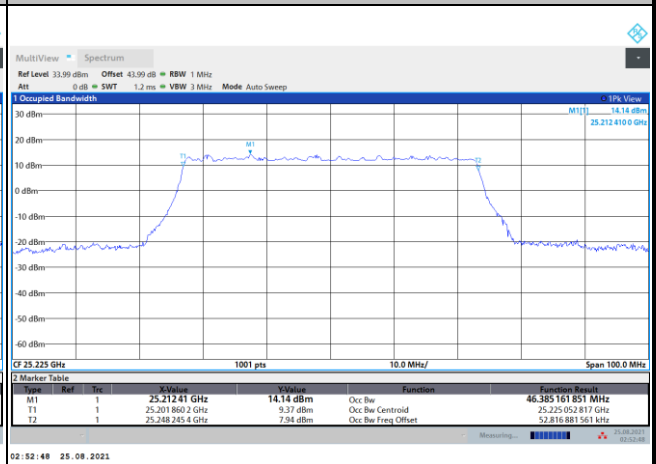
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

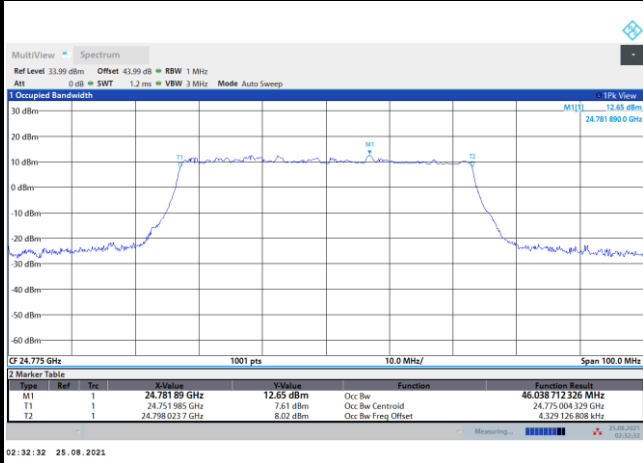




DFT-s-OFDM Module A

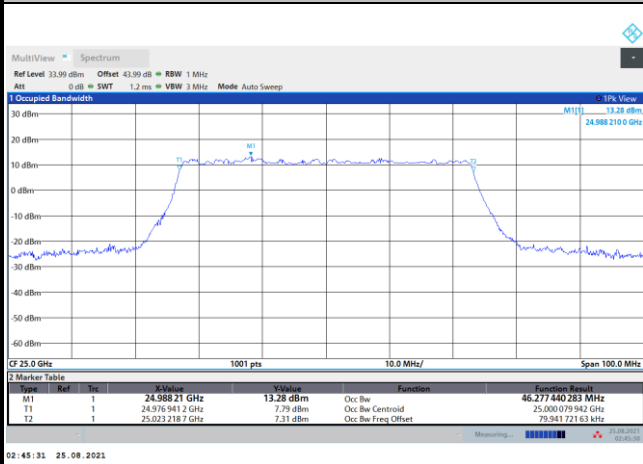
NR Band n258B

Lowest Channel / 50MHz / 64QAM



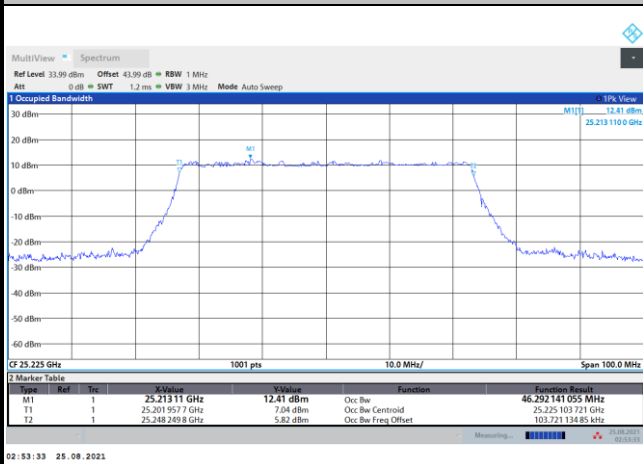
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Middle Channel / 50MHz / 64QAM



intentionally blank

Highest Channel / 50MHz / 64QAM



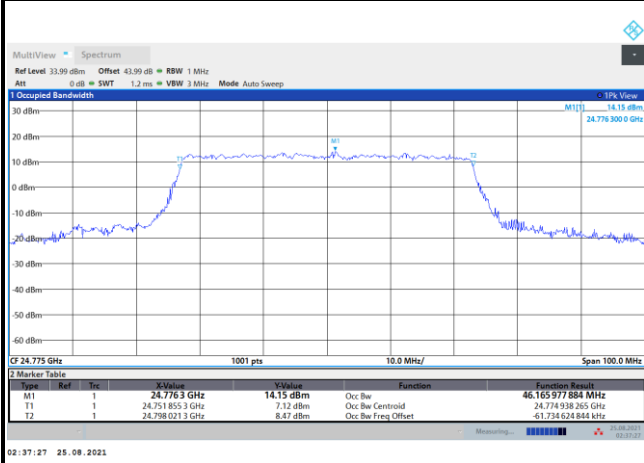
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CP-OFDM Module A

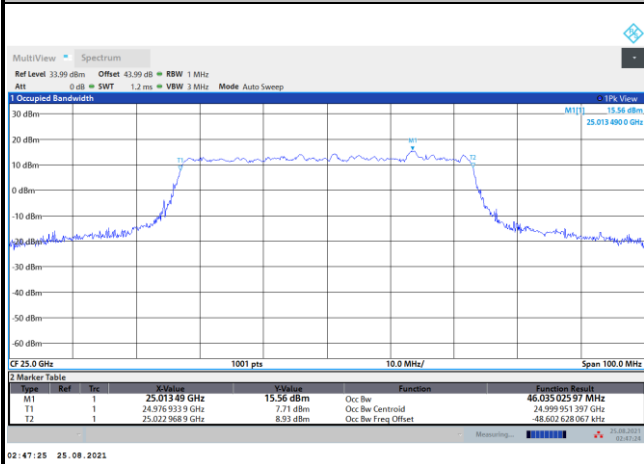
NR Band n258B

Lowest Channel / 50MHz / QPSK



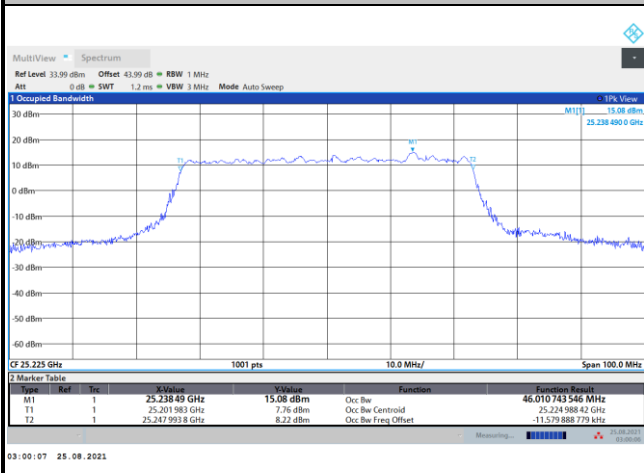
intentionally blank

Middle Channel / 50MHz / QPSK



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Highest Channel / 50MHz / QPSK



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Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module A NR Band n258B : BE (dBm) 1 RB		
BW			50MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-9.62	-11.20	-15.51
	>10%OB	≤ -13	-37.25	-37.71	-38.71
HighCH	0~10%OB	≤ -5	-9.14	-11.71	-12.73
	>10%OB	≤ -13	-36.80	-37.62	-37.55
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258B : BE (dBm) 1 RB		
BW			50MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤ -5	-10.65		
	>10%OB	≤ -13	-37.81		
High CH	0~10%OB	≤ -5	-10.71		
	>10%OB	≤ -13	-37.63		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258B : BE (dBm) Full RB		
BW			50MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-20.26	-21.80	-24.16
	>10%OB	≤ -13	-26.04	-28.52	-32.22
HighCH	0~10%OB	≤ -5	-21.13	-20.57	-21.80
	>10%OB	≤ -13	-26.29	-28.99	-32.23
Result			Compliance		

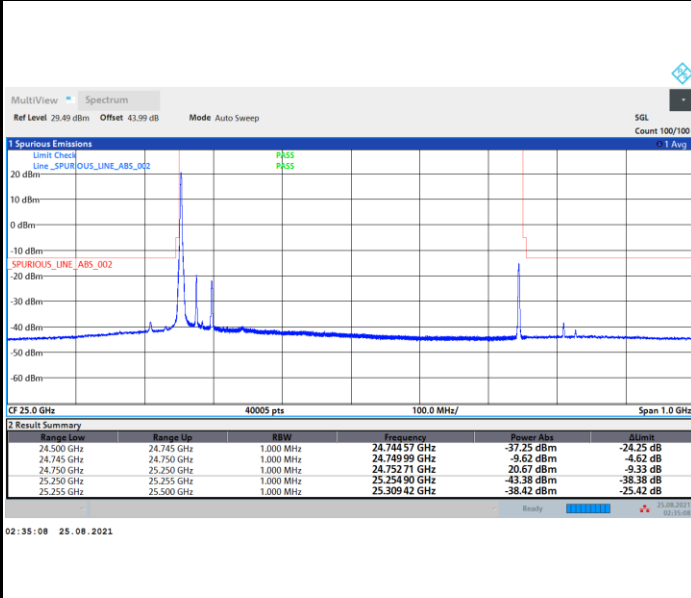
Mode			CP-OFDM Module A NR Band n258B : BE (dBm) Full RB		
BW			50MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤ -5	-20.89		
	>10%OB	≤ -13	-26.09		
High CH	0~10%OB	≤ -5	-21.26		
	>10%OB	≤ -13	-26.88		
Result			Compliance		



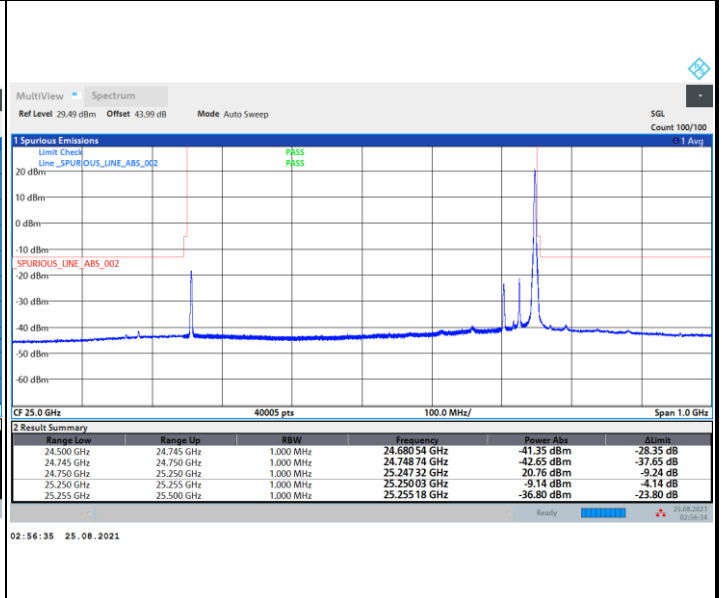
DFT-s-OFDM Module A

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / 1 RB

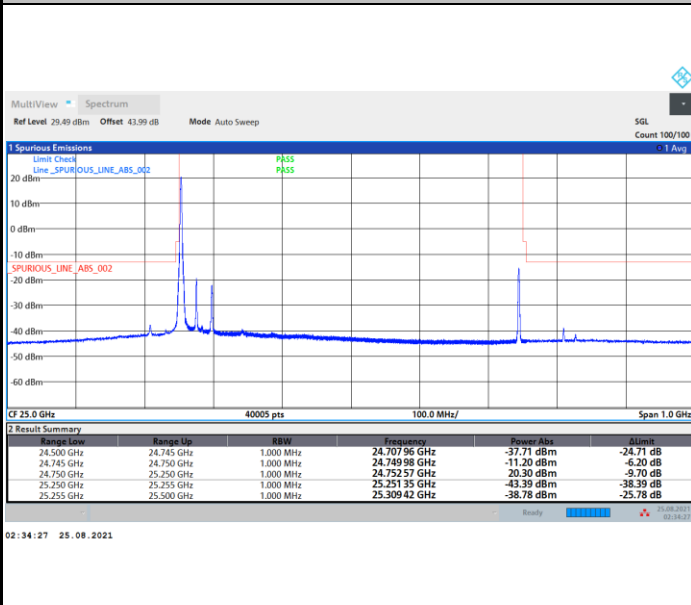


Highest Band Edge / 1 RB

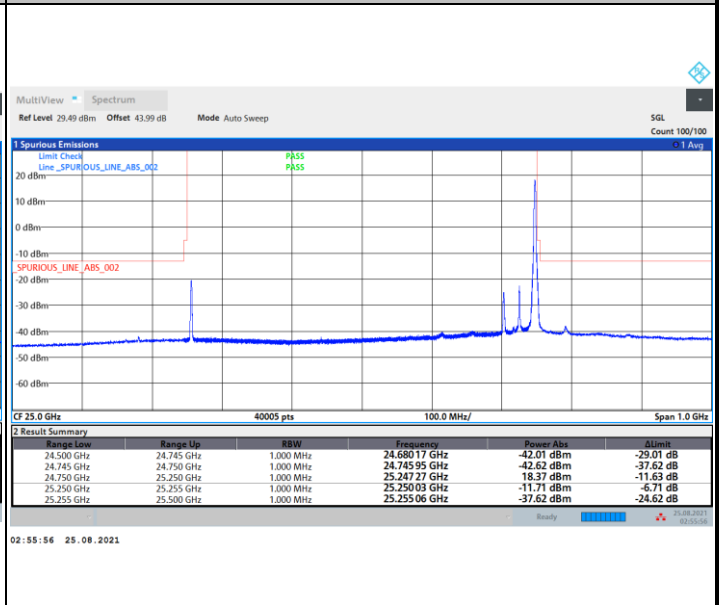


NR Band n258B / 50MHz / 16QAM

Lowest Band Edge / 1 RB

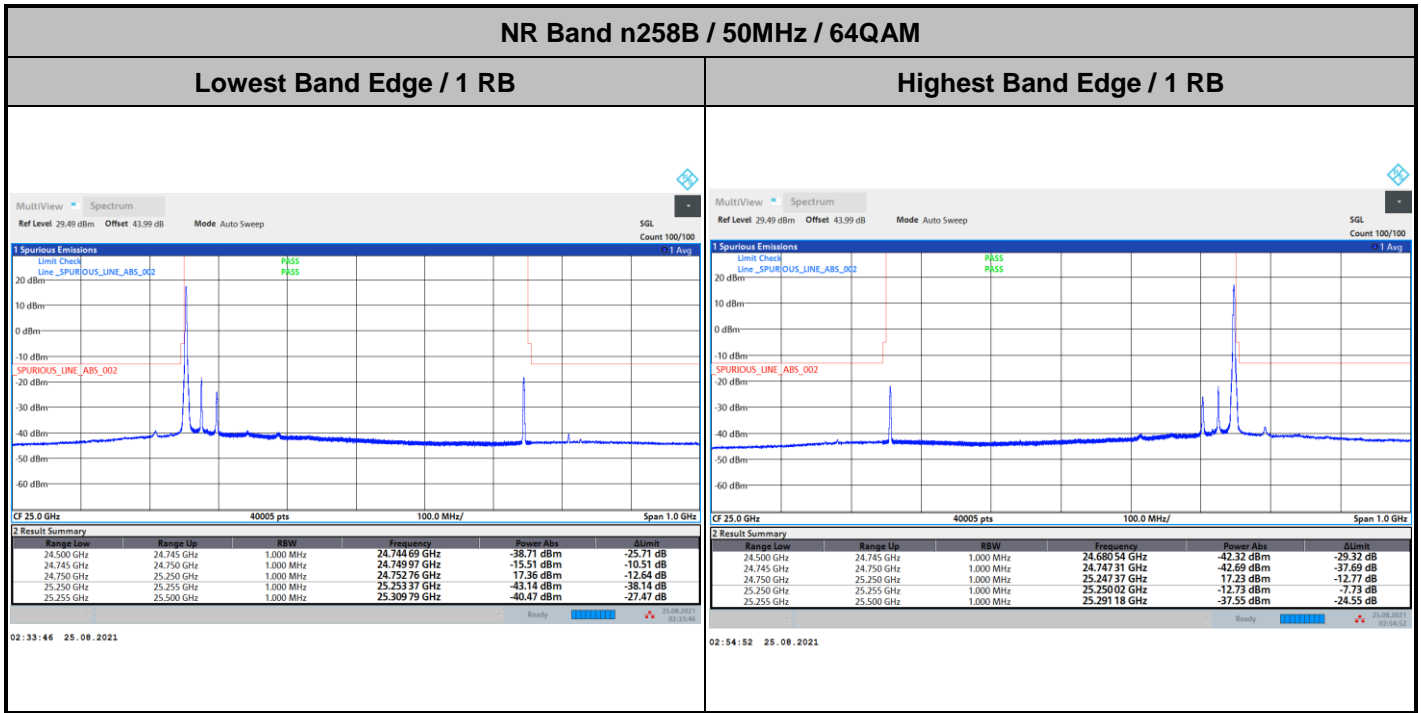


Highest Band Edge / 1 RB

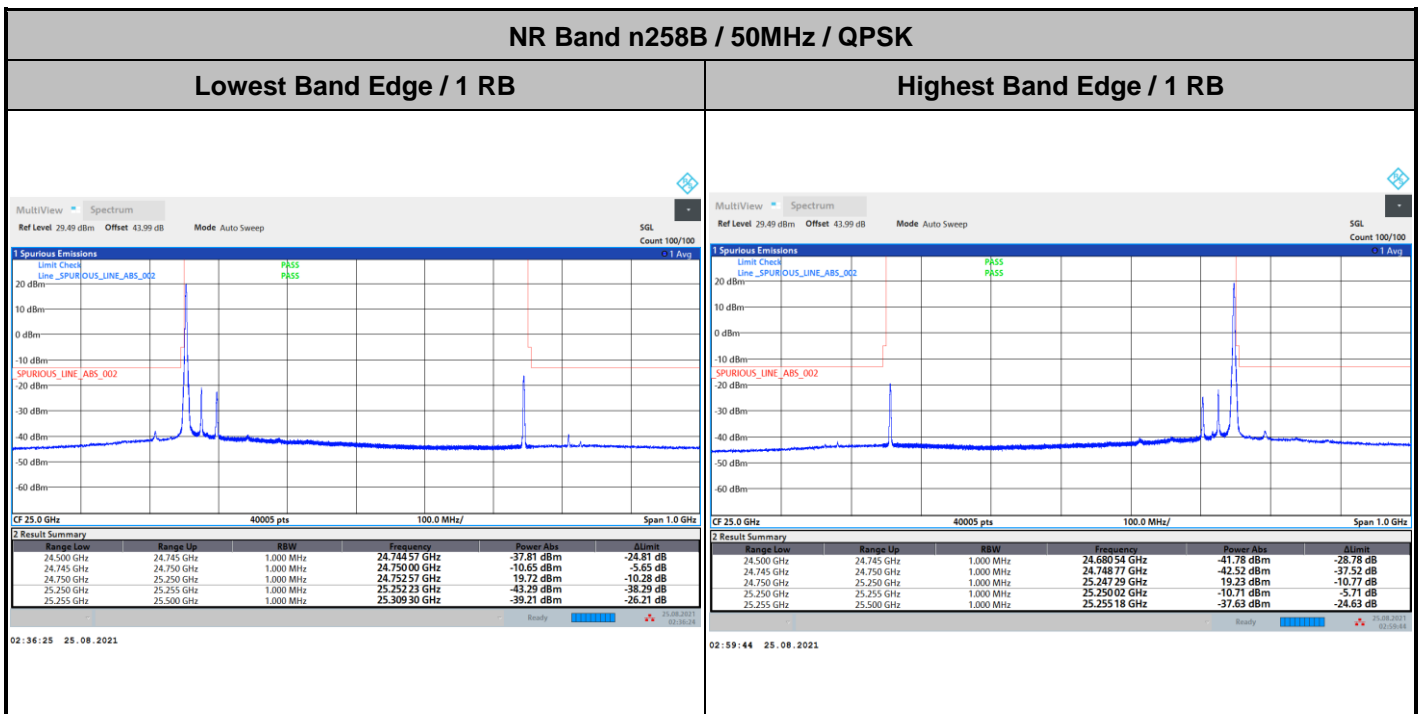




DFT-s-OFDM Module A



CP-OFDM Module A

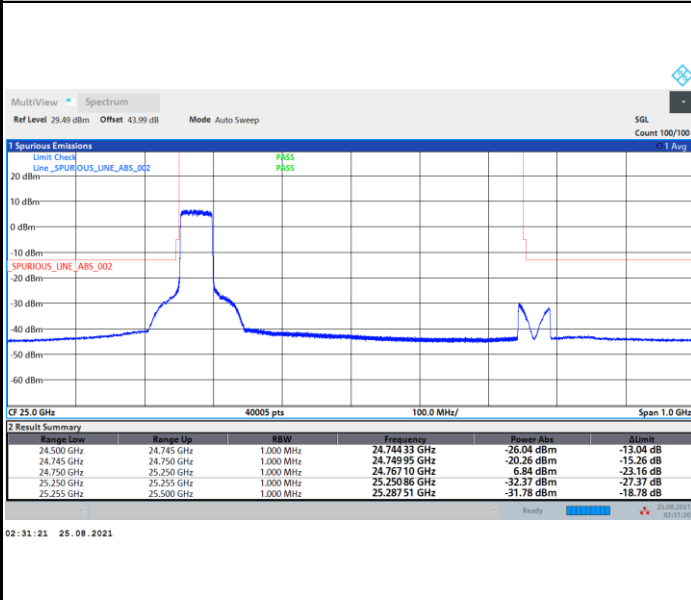




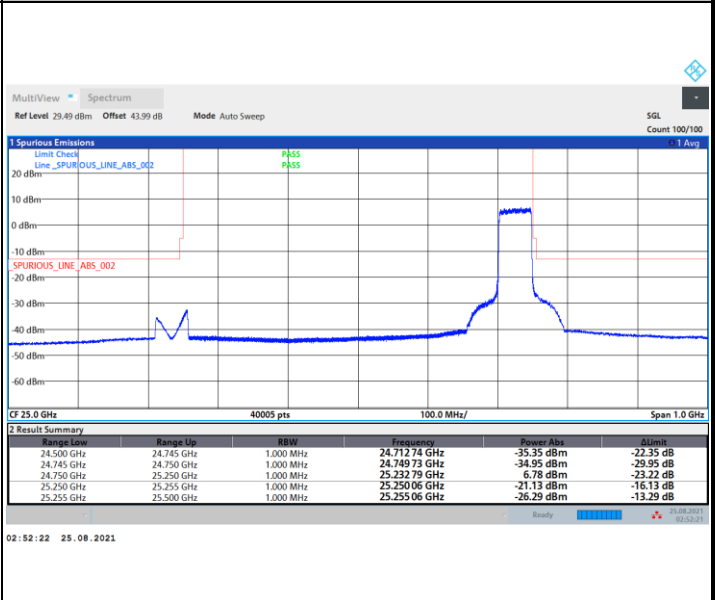
DFT-s-OFDM Module A

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / Full RB

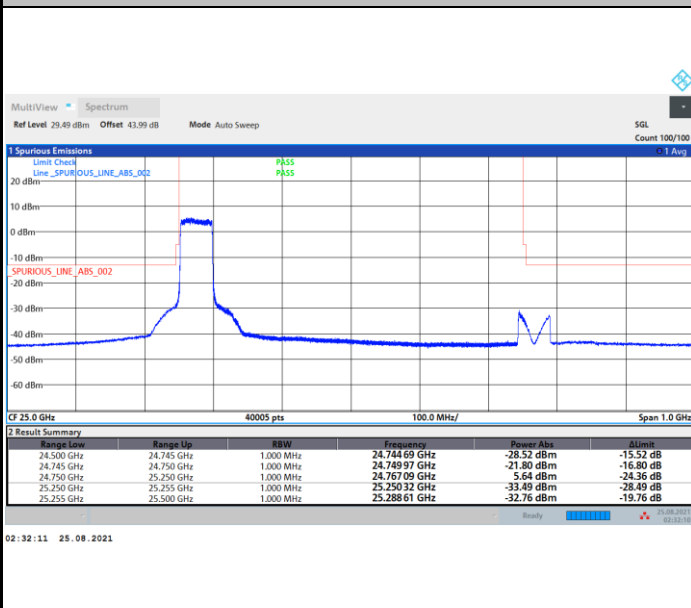


Highest Band Edge / Full RB

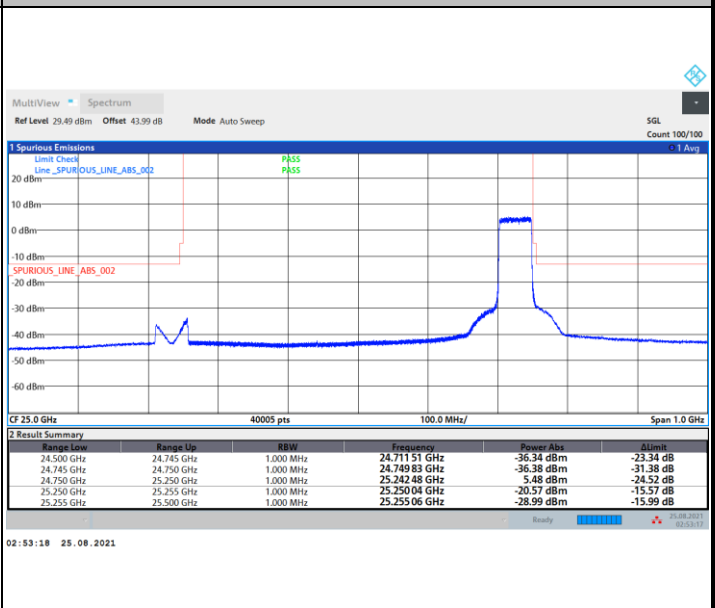


NR Band n258B / 50MHz / 16QAM

Lowest Band Edge / Full RB

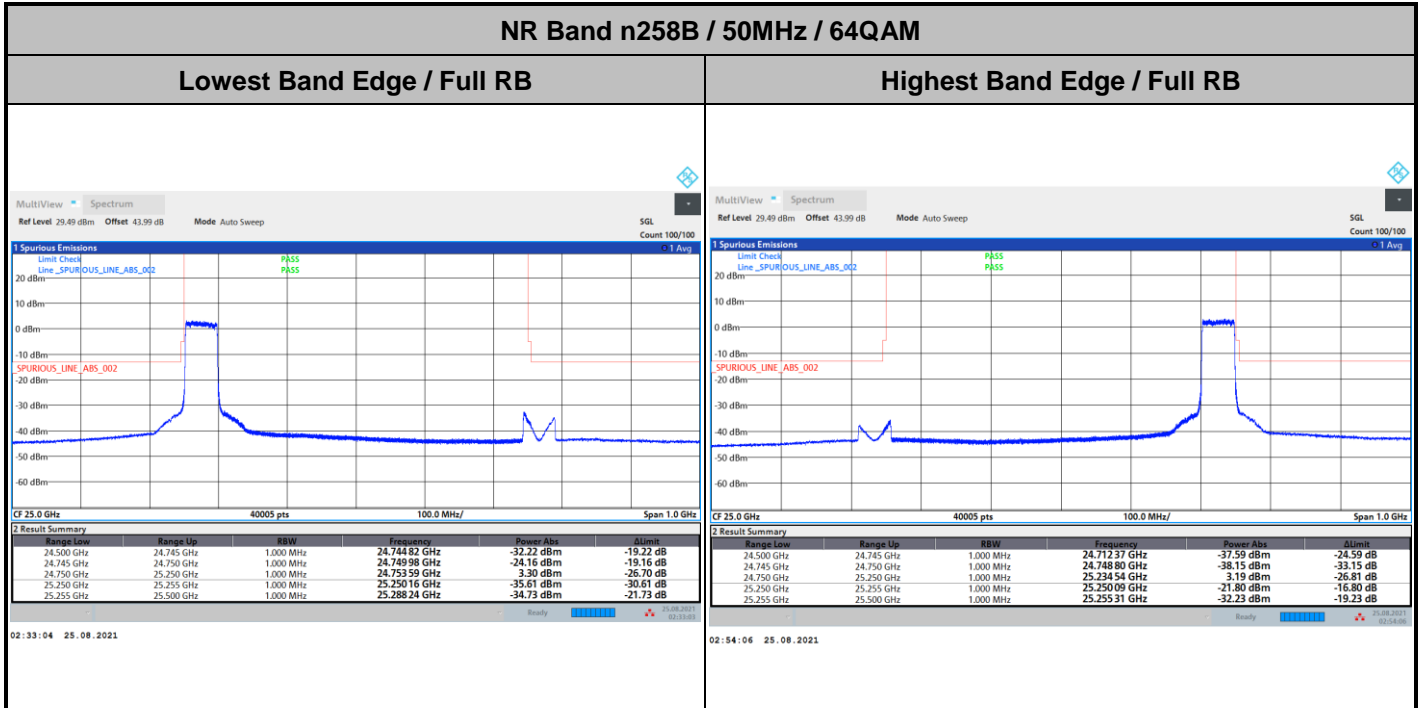


Highest Band Edge / Full RB

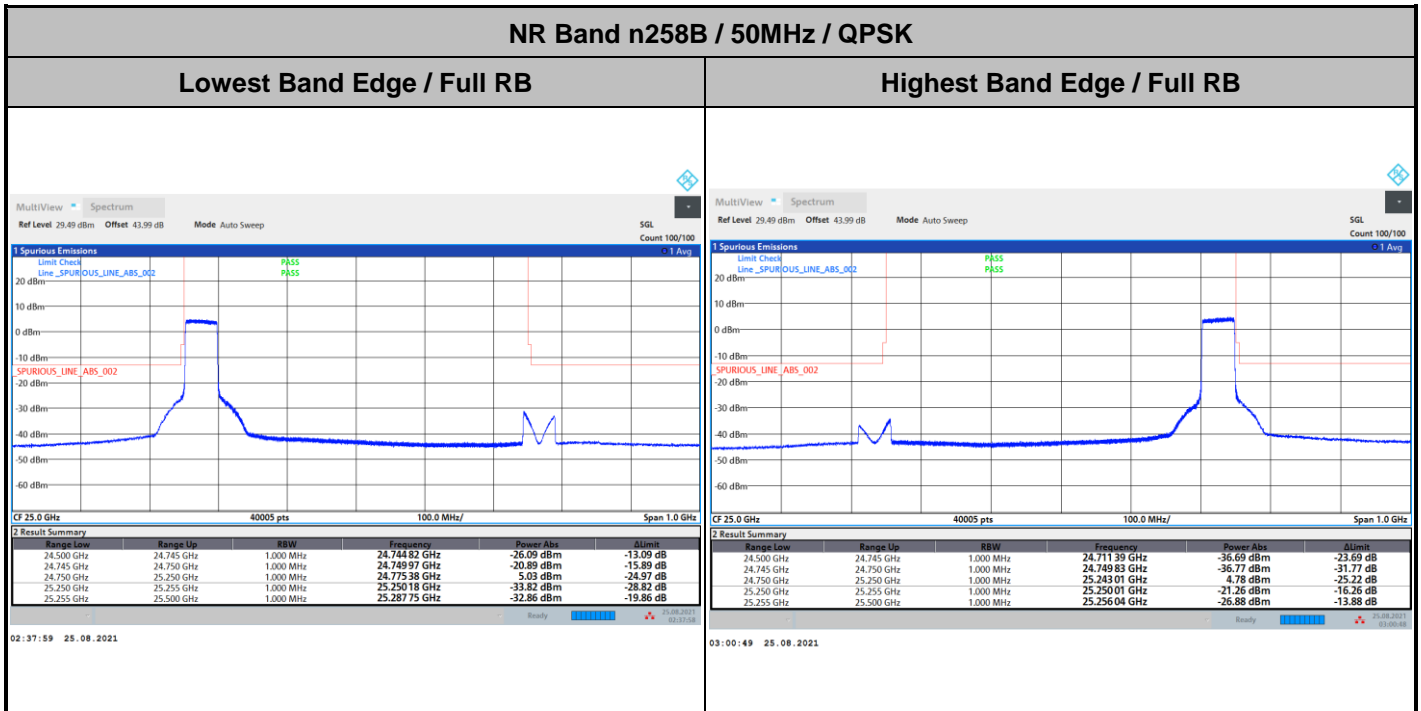




DFT-s-OFDM Module A



CP-OFDM Module A



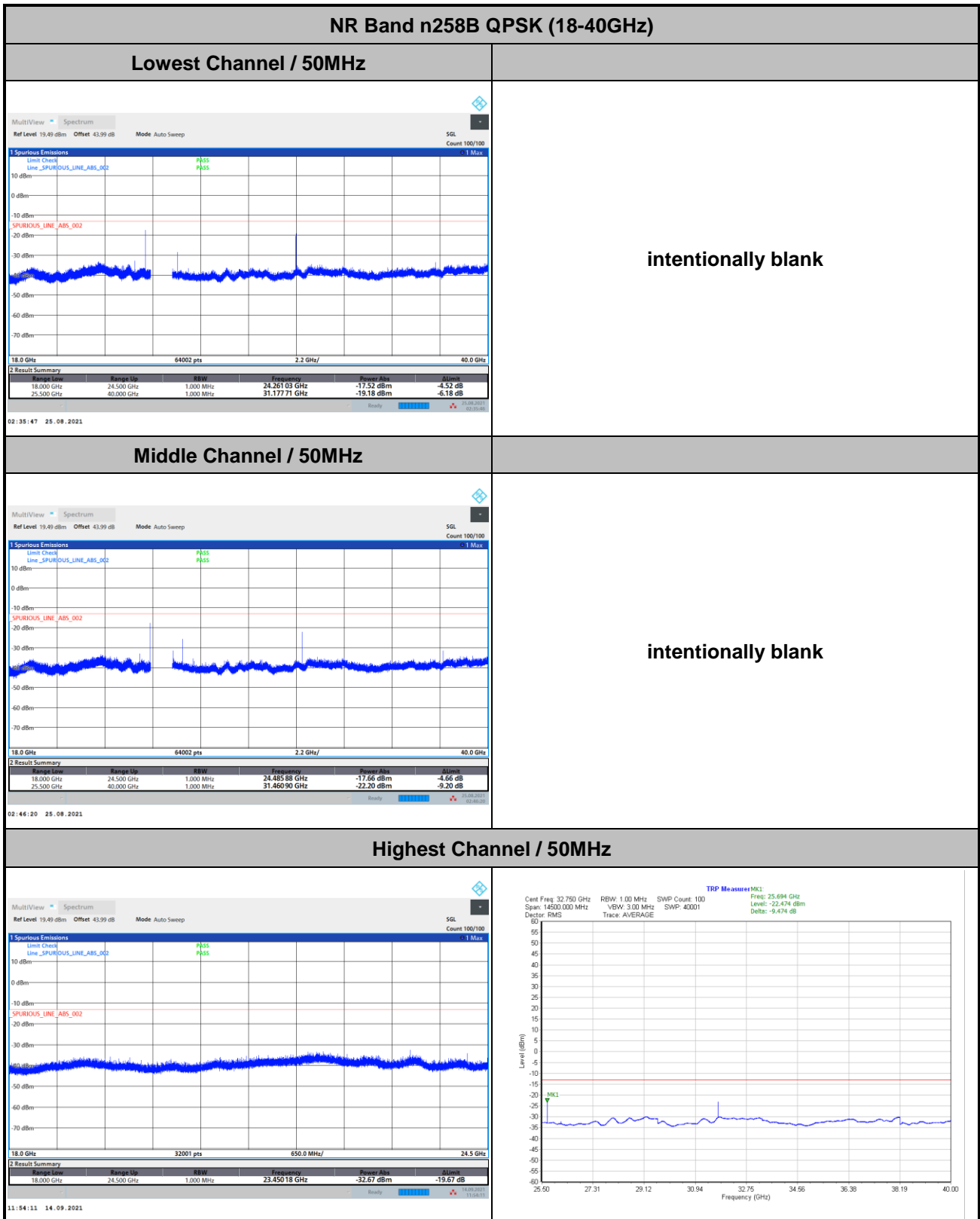


Spurious Emission



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

DFT-s-OFDM Module A



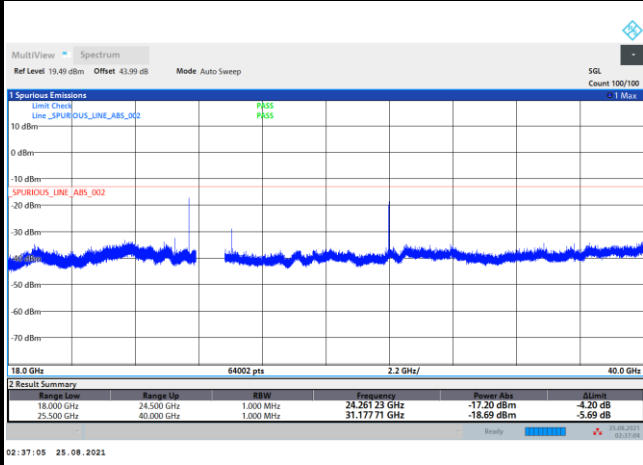
Remark: In band and out of band frequencies that has reported in previous results are omitted.



CP-OFDM Module A

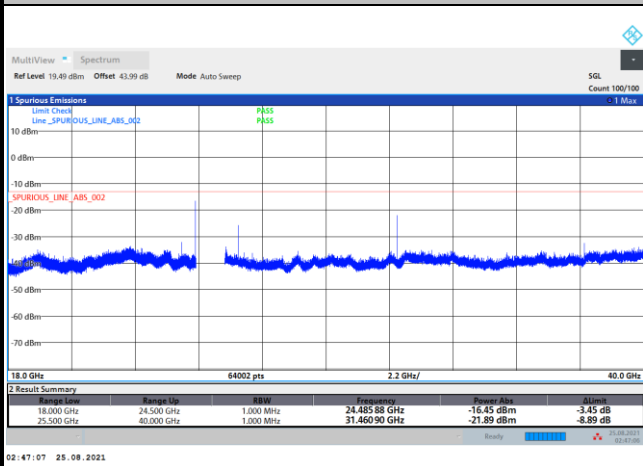
NR Band n258B QPSK (18-40GHz)

Lowest Channel / 50MHz



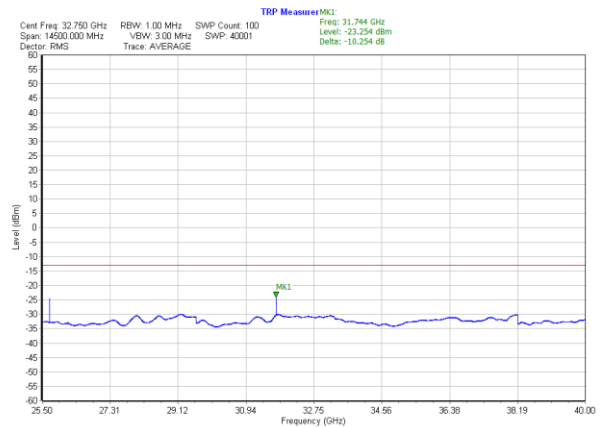
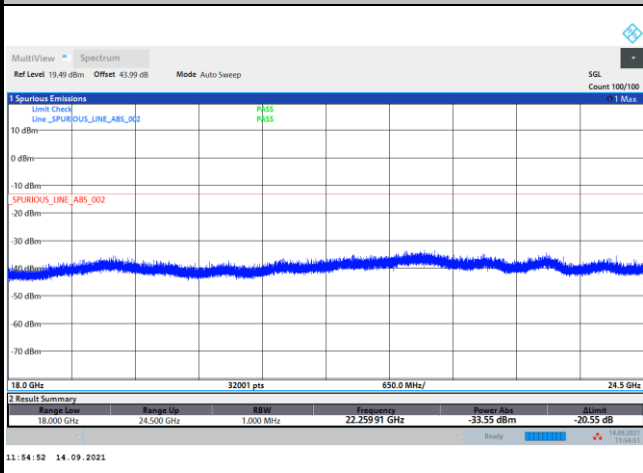
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Middle Channel / 50MHz



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Highest Channel / 50MHz



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



NR Band n258B Module A Beam H+V

Occupied Bandwidth

Mode	DFT-s-OFDM Module A NR Band n258B : 99%OBW(MHz)		
BW	50MHz		
Mod.	QPSK	16QAM	64QAM
Lowest CH	45.95	46.33	46.23
Middle CH	45.96	46.35	46.26
Highest CH	45.96	46.37	46.29

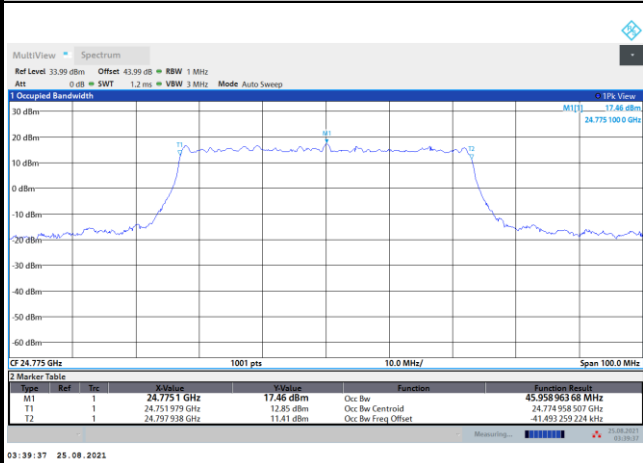
Mode	CP-OFDM Module A NR Band n258B : 99%OBW(MHz)
BW	50MHz
Mod.	QPSK
Lowest CH	46.29
Middle CH	46.03
Highest CH	46.06



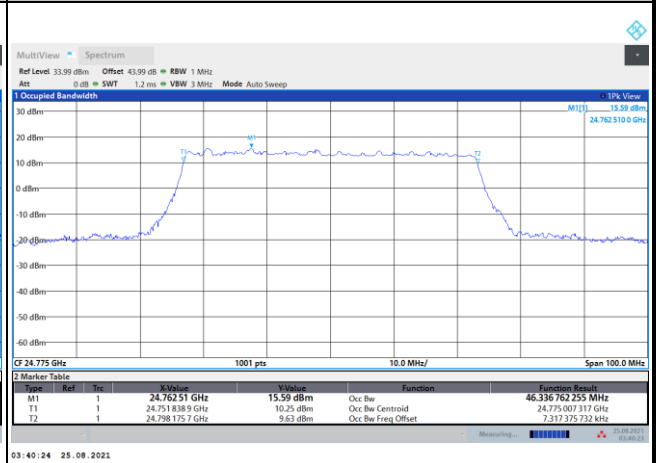
DFT-s-OFDM Module A

NR Band n258B

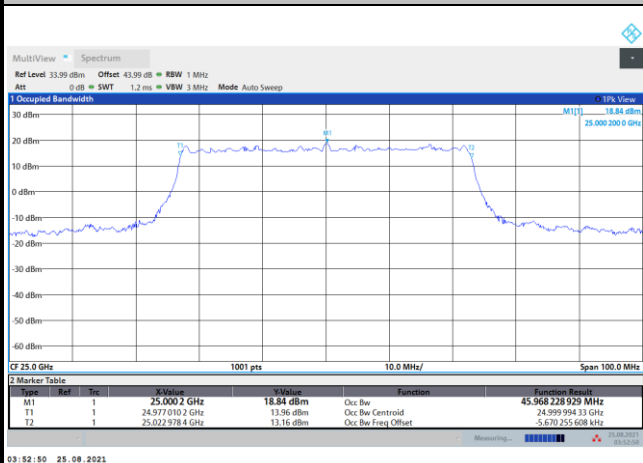
Lowest Channel / 50MHz / QPSK



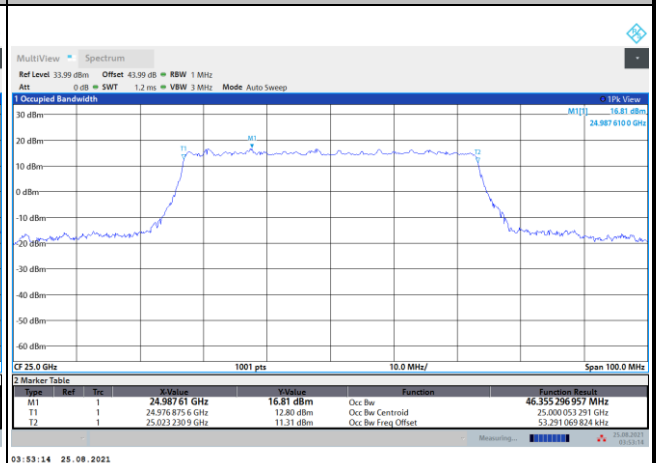
Lowest Channel / 50MHz / 16QAM



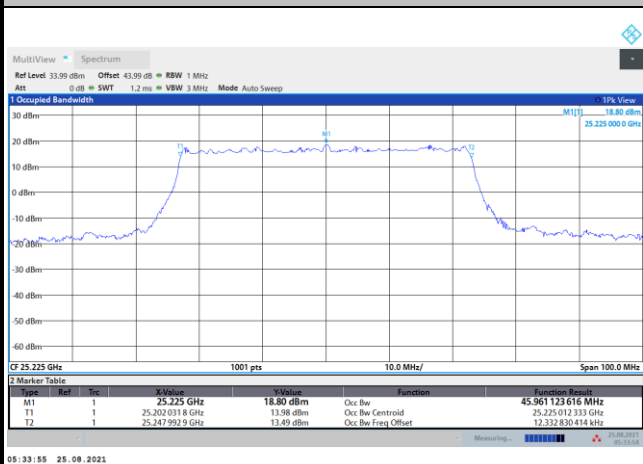
Middle Channel / 50MHz / QPSK



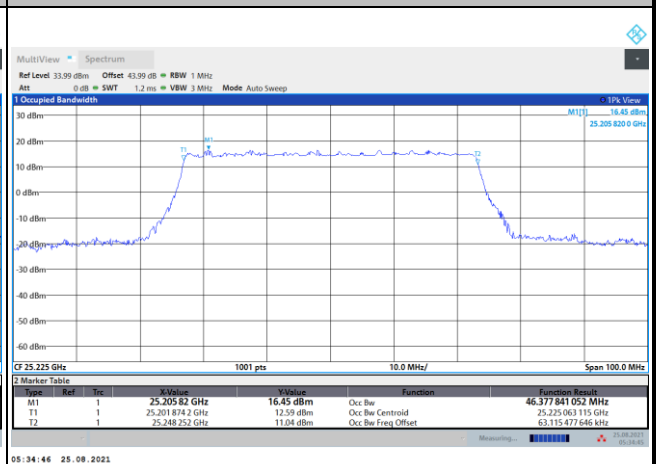
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

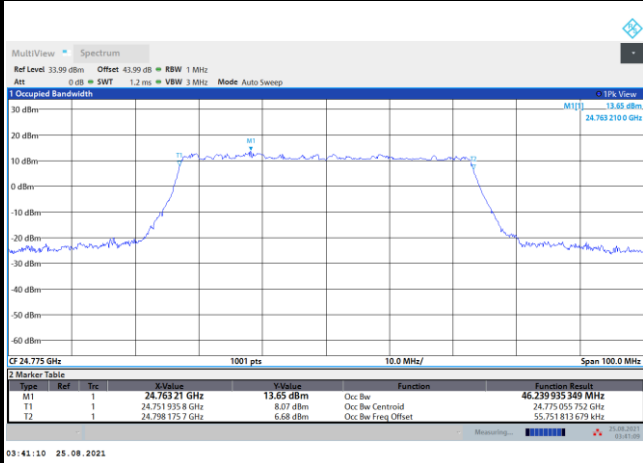




DFT-s-OFDM Module A

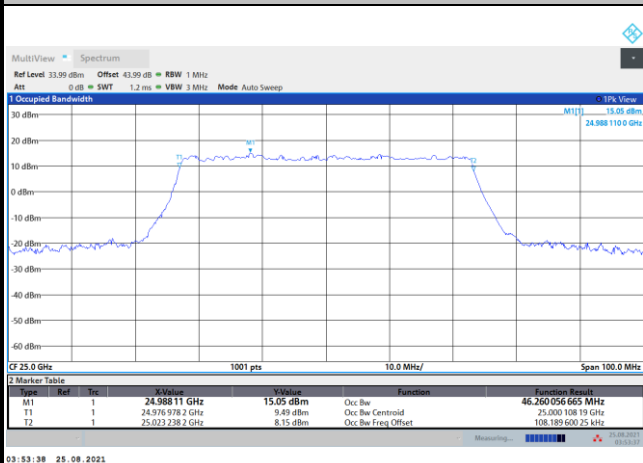
NR Band n258B

Lowest Channel / 50MHz / 64QAM



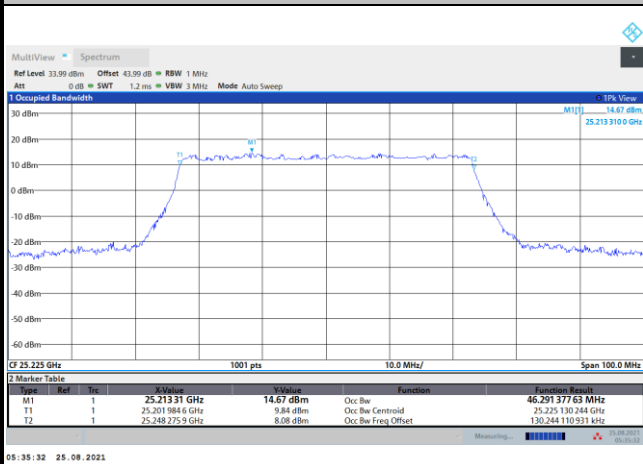
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Middle Channel / 50MHz / 64QAM



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Highest Channel / 50MHz / 64QAM



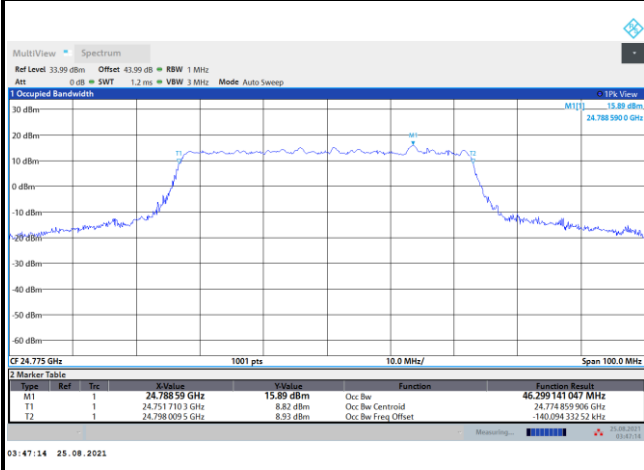
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CP-OFDM Module A

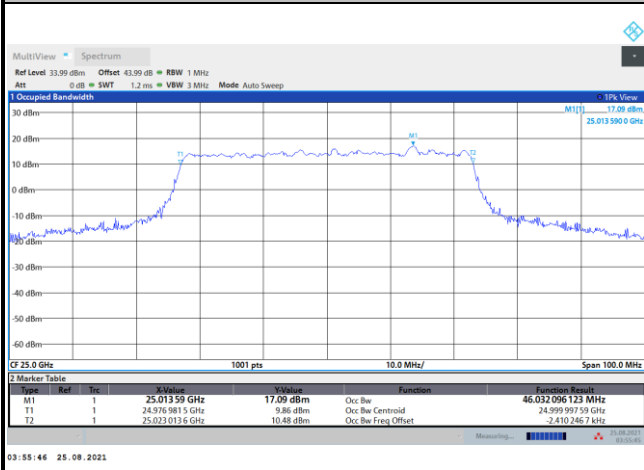
NR Band n258B

Lowest Channel / 50MHz / QPSK



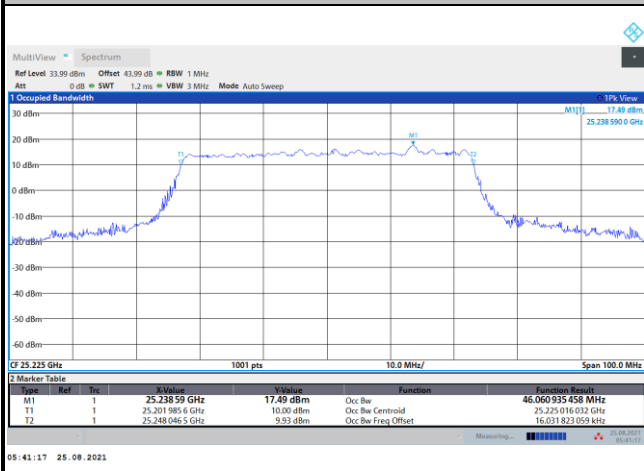
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Middle Channel / 50MHz / QPSK



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Highest Channel / 50MHz / QPSK



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Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module A NR Band n258B : BE (dBm) 1 RB		
BW			50MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-8.06	-9.26	-12.32
	>10%OB	≤ -13	-37.12	-38.34	-39.31
HighCH	0~10%OB	≤ -5	-7.08	-7.96	-10.60
	>10%OB	≤ -13	-35.64	-36.52	-38.01
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258B : BE (dBm) 1 RB		
BW			50MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤ -5	-8.82		
	>10%OB	≤ -13	-38.07		
High CH	0~10%OB	≤ -5	-7.91		
	>10%OB	≤ -13	-37.38		
Result			Compliance		

Mode			DFT-s-OFDM Module A NR Band n258B : BE (dBm) Full RB		
BW			50MHz		
Limit (dBm)			QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-17.54	-20.93	-22.69
	>10%OB	≤ -13	-24.59	-26.91	-30.69
HighCH	0~10%OB	≤ -5	-17.47	-18.46	-19.02
	>10%OB	≤ -13	-22.52	-25.49	-29.82
Result			Compliance		

Mode			CP-OFDM Module A NR Band n258B : BE (dBm) Full RB		
BW			50MHz		
Limit (dBm)			QPSK		
Low CH	0~10%OB	≤ -5	-20.25		
	>10%OB	≤ -13	-24.65		
High CH	0~10%OB	≤ -5	-18.60		
	>10%OB	≤ -13	-23.42		
Result			Compliance		

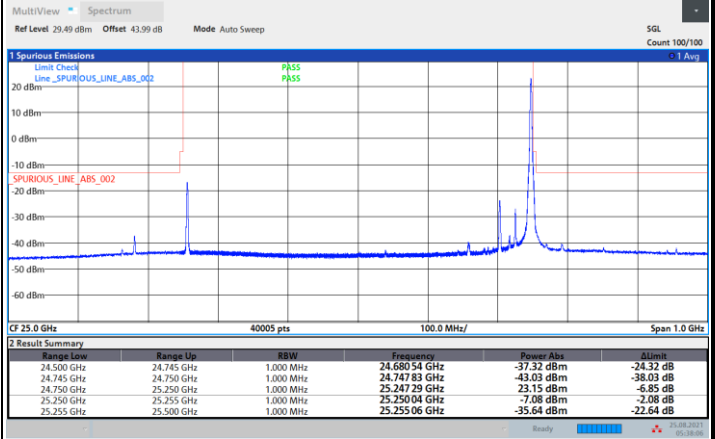
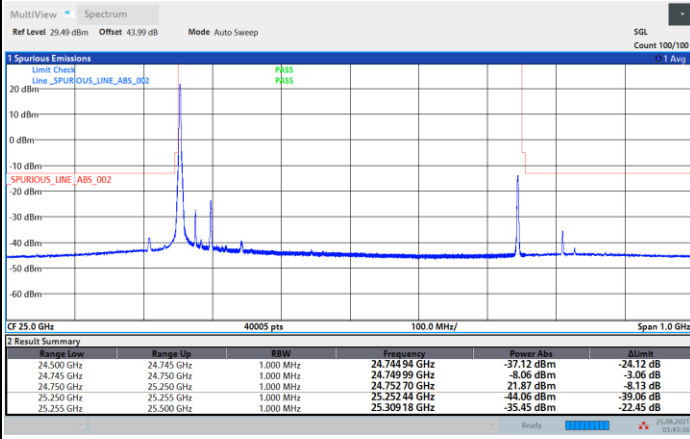


DFT-s-OFDM Module A

NR Band n258B / 50MHz / QPSK

Lowest Band Edge / 1 RB

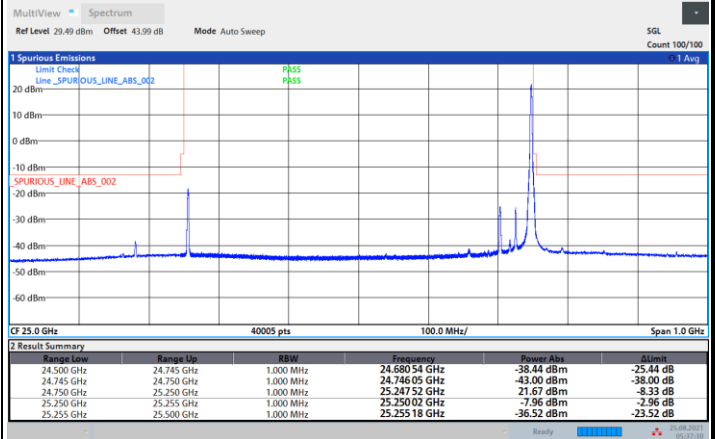
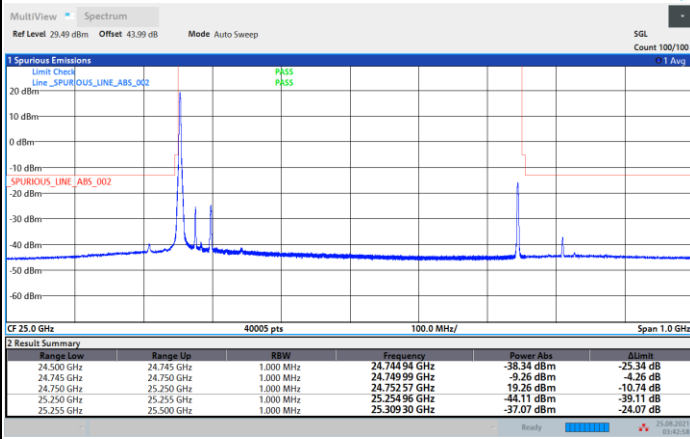
Highest Band Edge / 1 RB



NR Band n258B / 50MHz / 16QAM

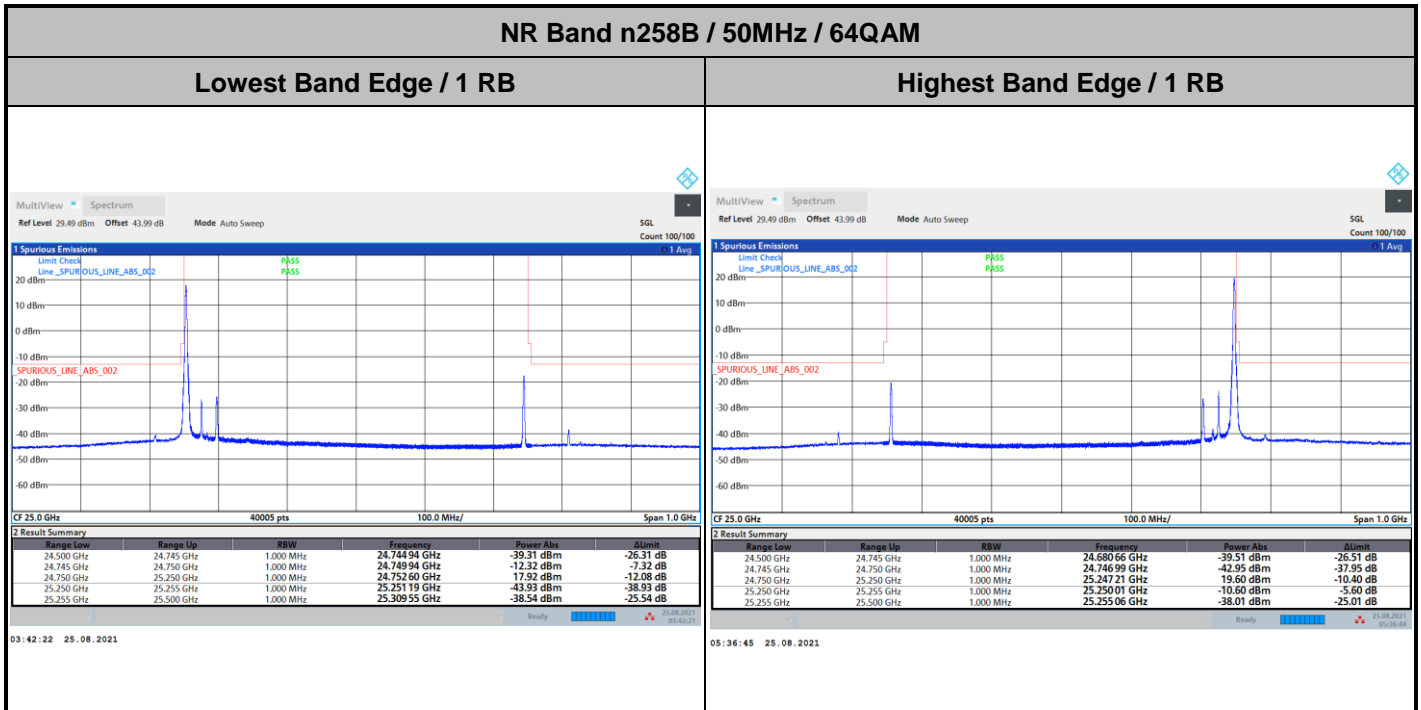
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

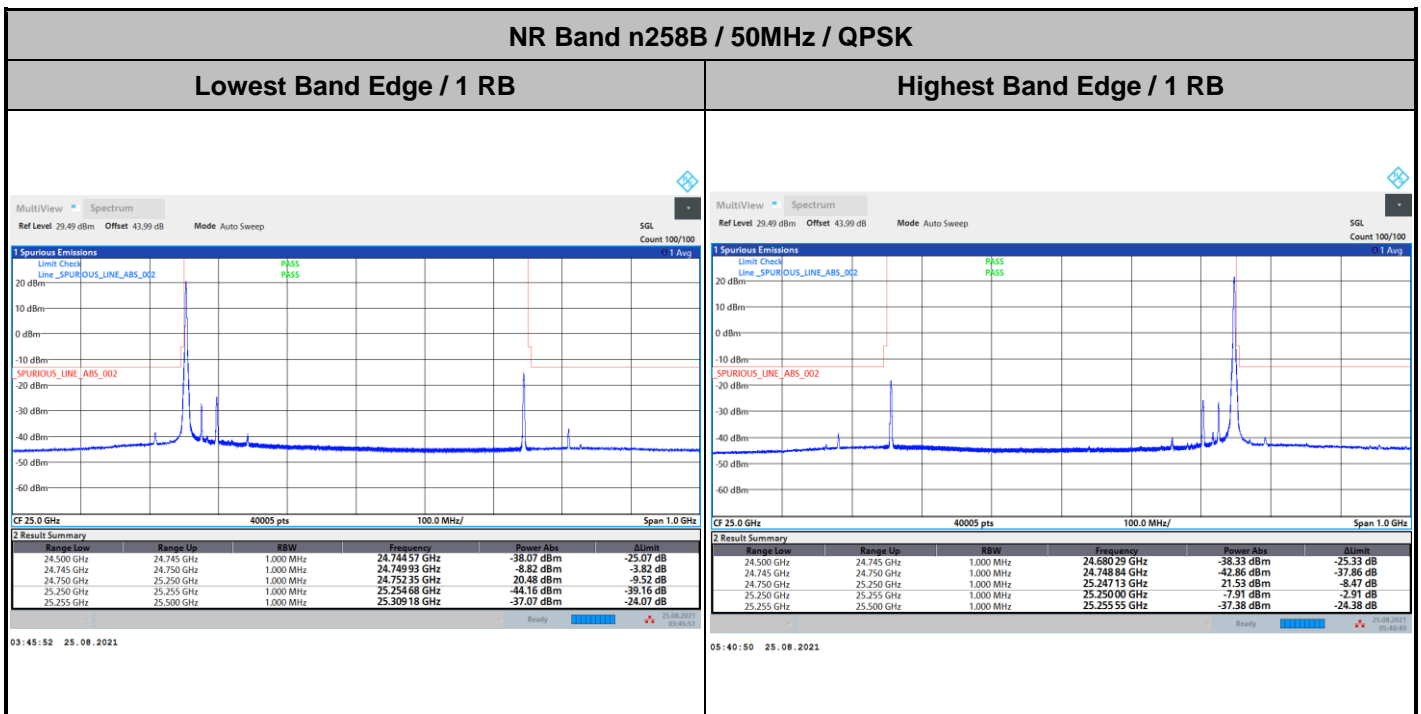




DFT-s-OFDM Module A



CP-OFDM Module A



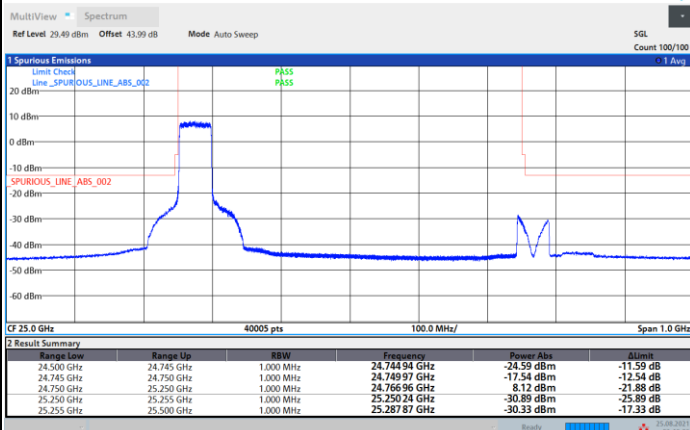


DFT-s-OFDM Module A

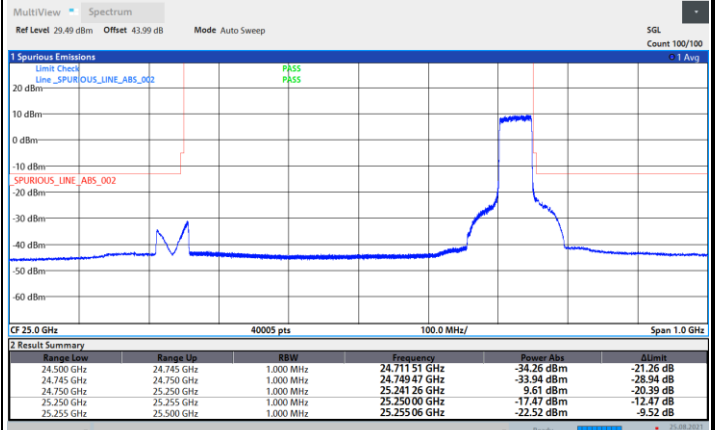
NR Band n258B / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



03:40:07 25.08.2021

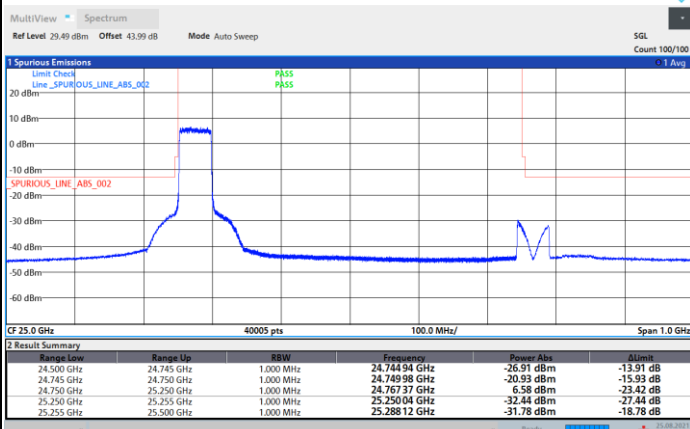


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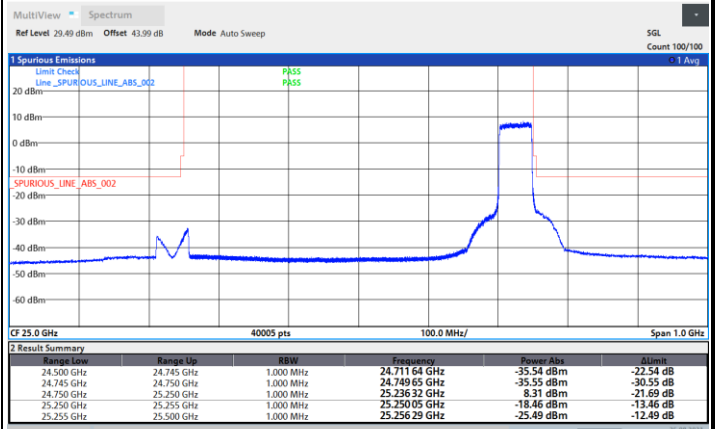
NR Band n258B / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



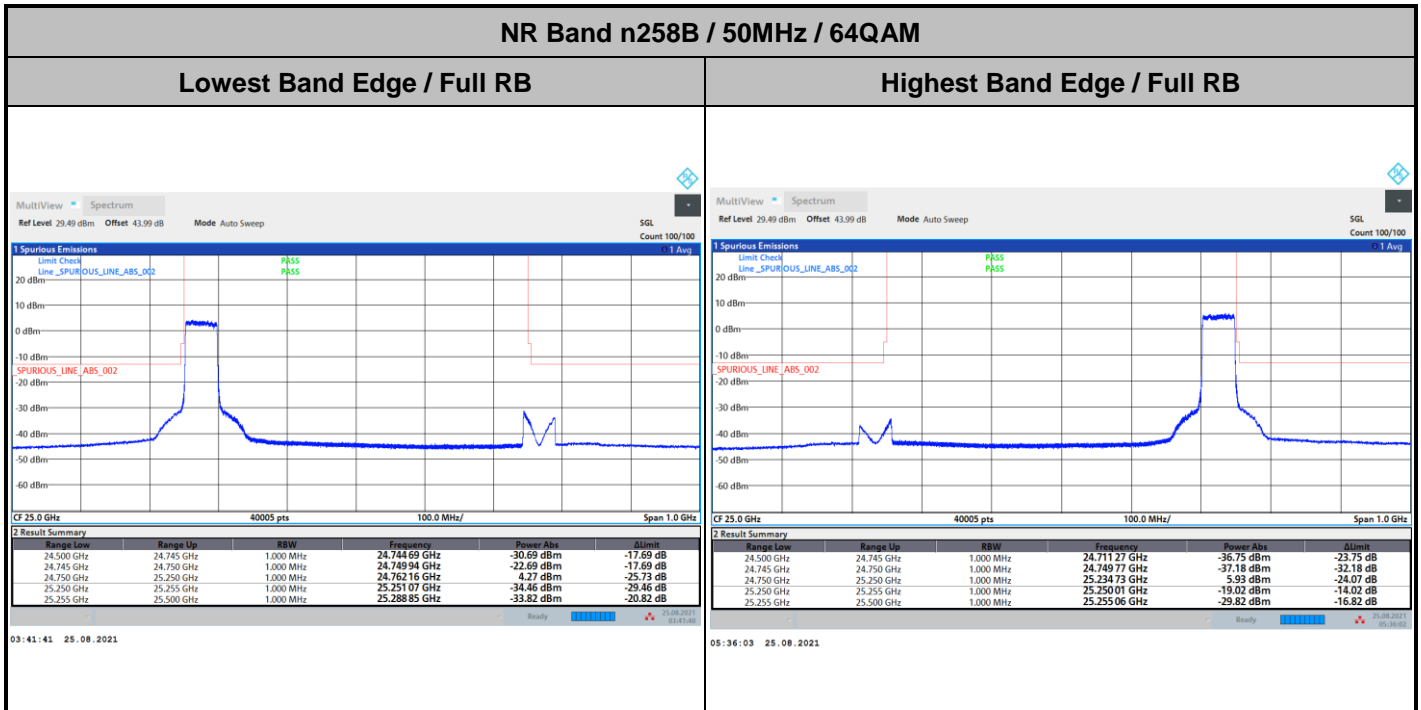
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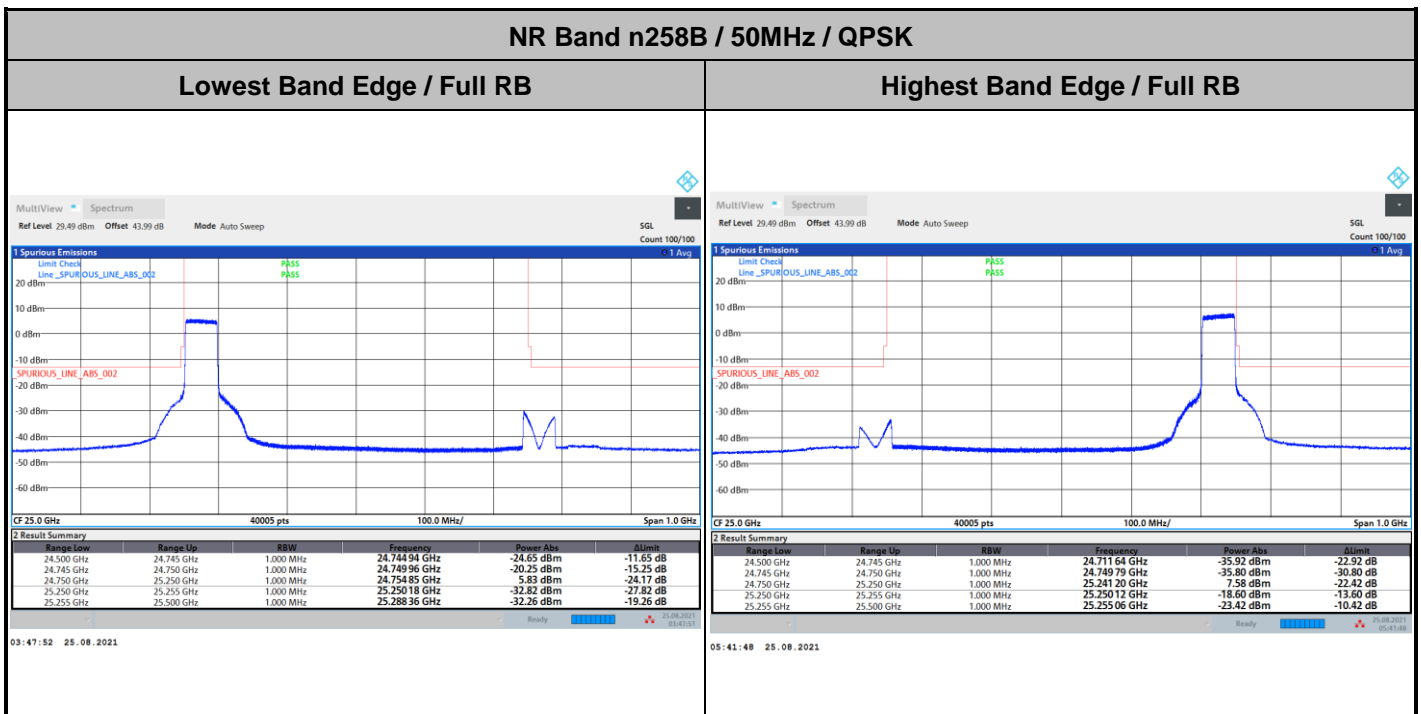
05:35:17 25.08.2021



DFT-s-OFDM Module A



CP-OFDM Module A



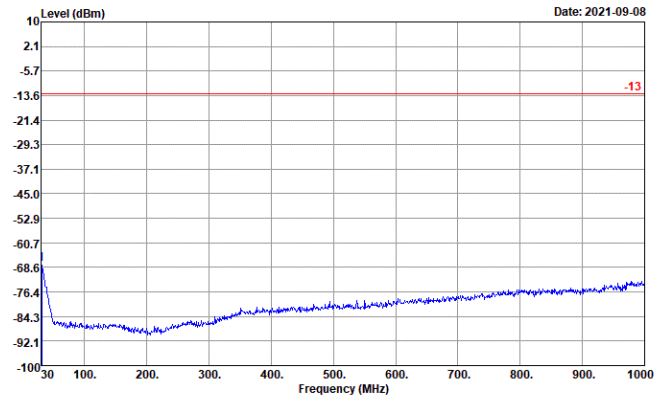


Spurious Emission

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

NR Band n258B (30MHz-1GHz)

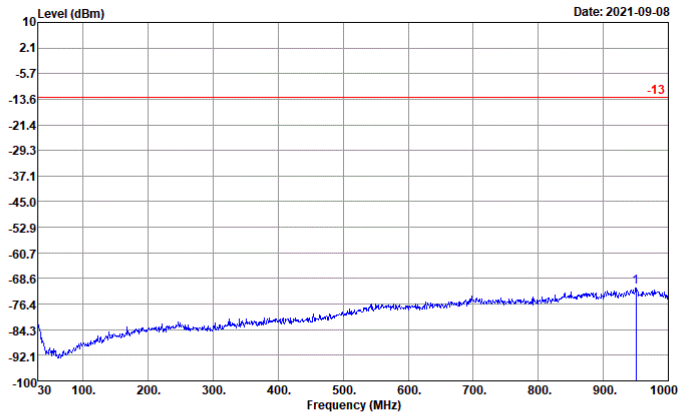
Horizontal



Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 HORIZONTAL

: n258b											
Freq	Level	Over	Limit	Read	LISN	Cable	Preamp	A/Pos	T/Pos	Remark	
MHz	dBm	dB	dBm	dBm	dB	dB	dB	cm	deg		
1	30.94	-67.53	-54.53	-13.00	-78.44	46.64	0.00	35.73	---	---	Peak

Vertical



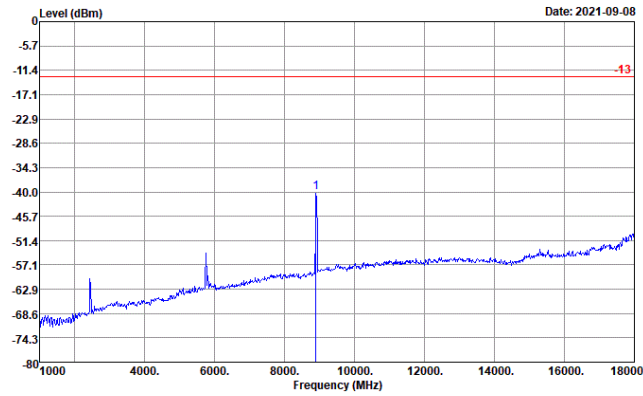
Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 VERTICAL

: n258b											
Freq	Level	Over	Limit	Read	LISN	Cable	Preamp	A/Pos	T/Pos	Remark	
MHz	dBm	dB	dBm	dBm	dB	dB	dB	cm	deg		
1	950.20	-71.22	-58.22	-13.00	-81.01	42.96	0.00	33.17	---	---	Peak



NR Band n258B (1GHz-18GHz)

Horizontal

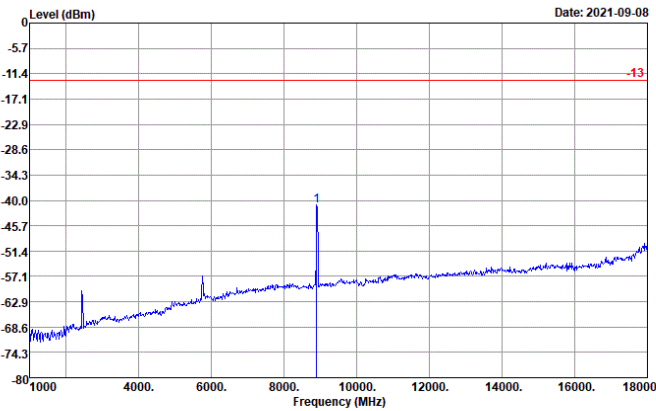


Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 HORIZONTAL

: n258b

Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
MHz	dBm	dB	dBm	dBm	dB	dB	dB	cm	deg	
1 8905.00	-40.21	-27.21	-13.00	-65.85	66.46	0.00	40.82	---	---	Peak

Vertical



Site : 03CH19-HY
 Condition : -13 ERP EIRP_20210305 VERTICAL

: n258b

Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
MHz	dBm	dB	dBm	dBm	dB	dB	dB	cm	deg	
1 8905.00	-41.32	-28.32	-13.00	-66.42	65.92	0.00	40.82	---	---	Peak