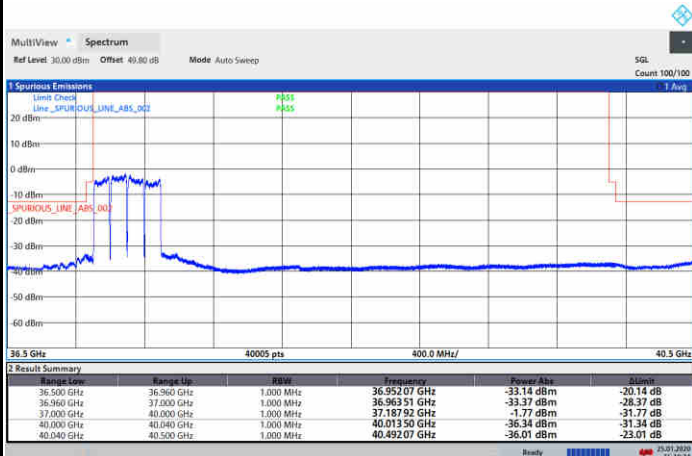




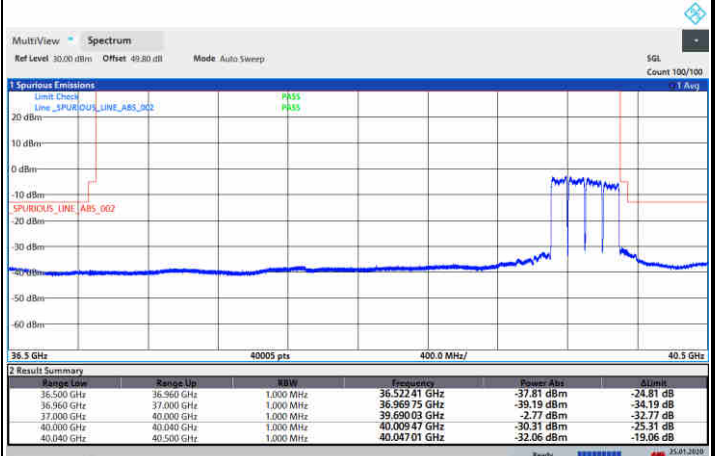
Module 1

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

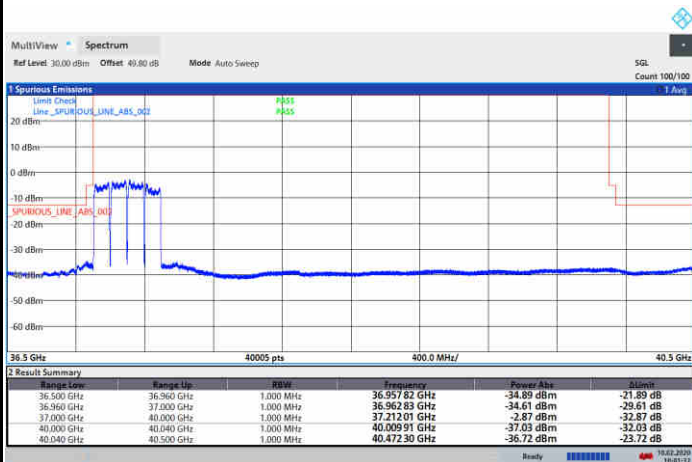


Highest Band Edge / Full RB

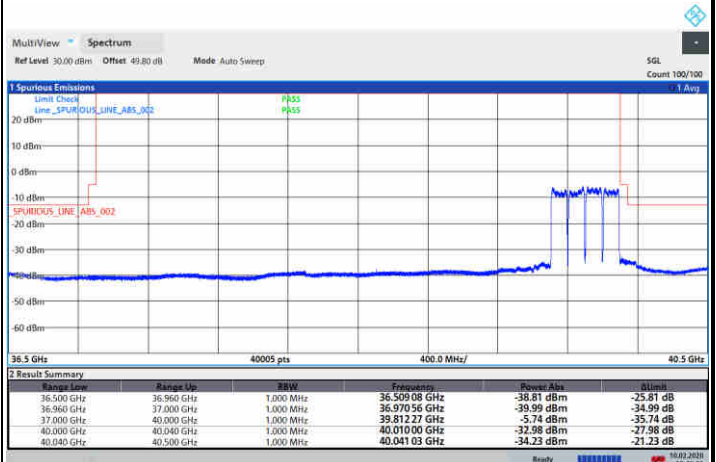


NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



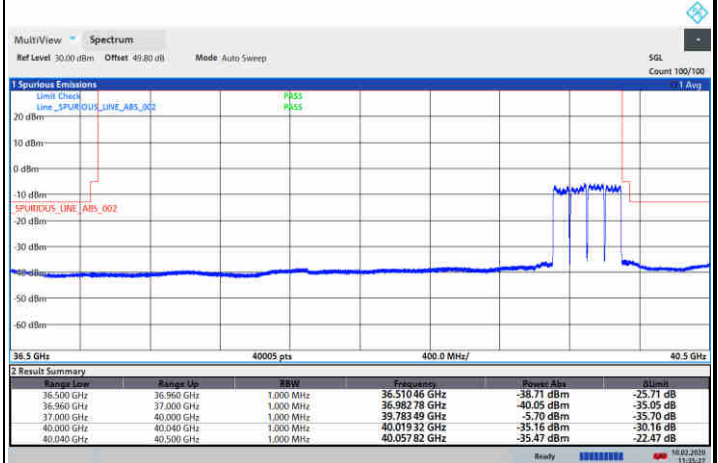
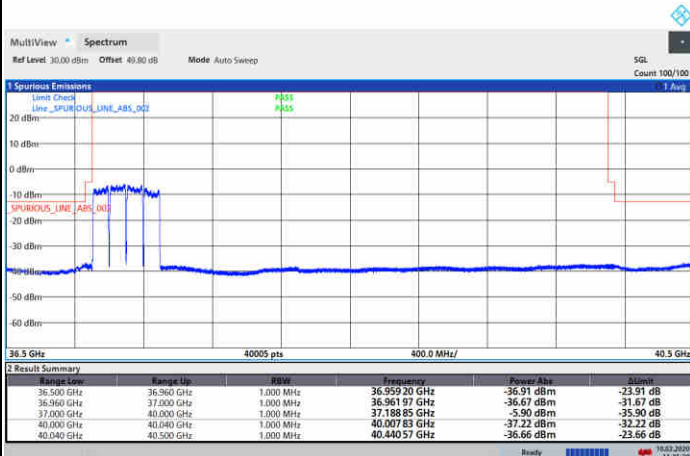


Module 1

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



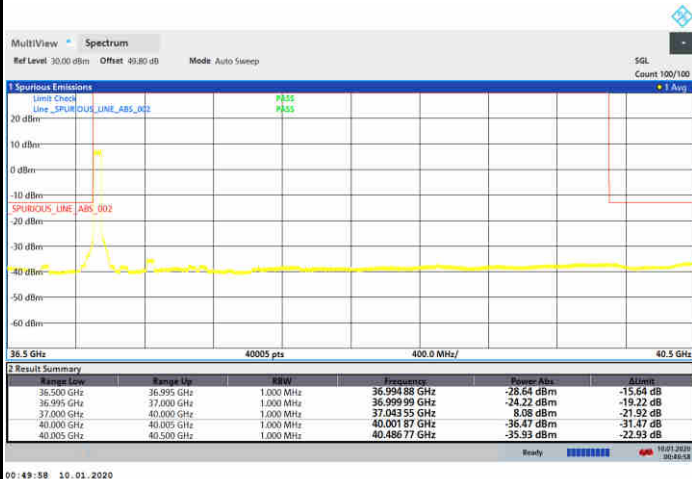


Module 2

NR Band n260 / 50MHz / QPSK

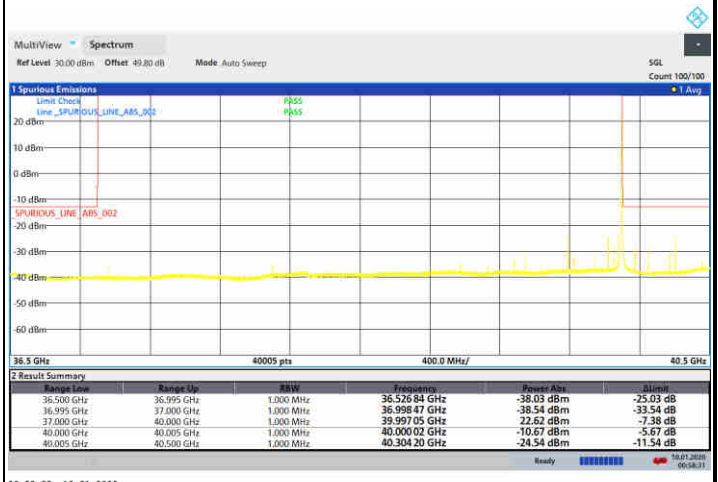
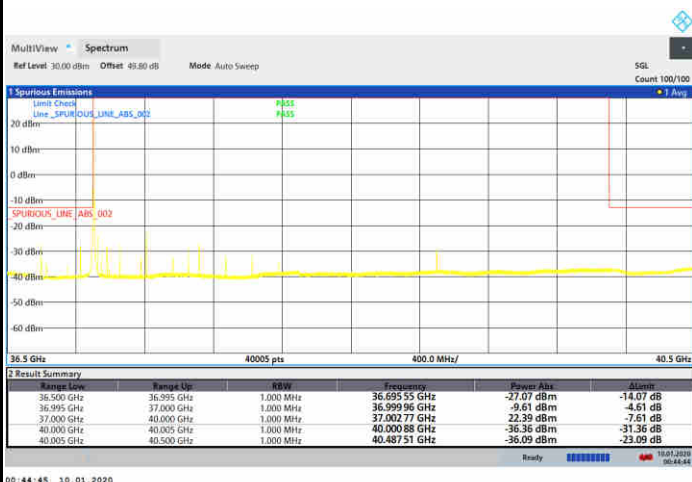
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

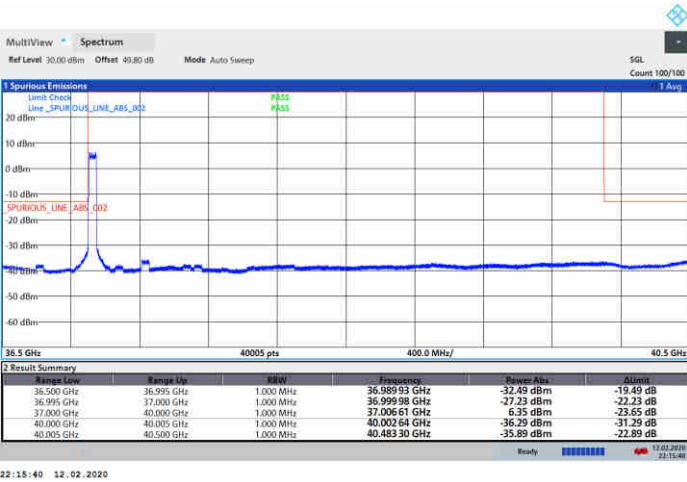
Highest Band Edge / 1 RB





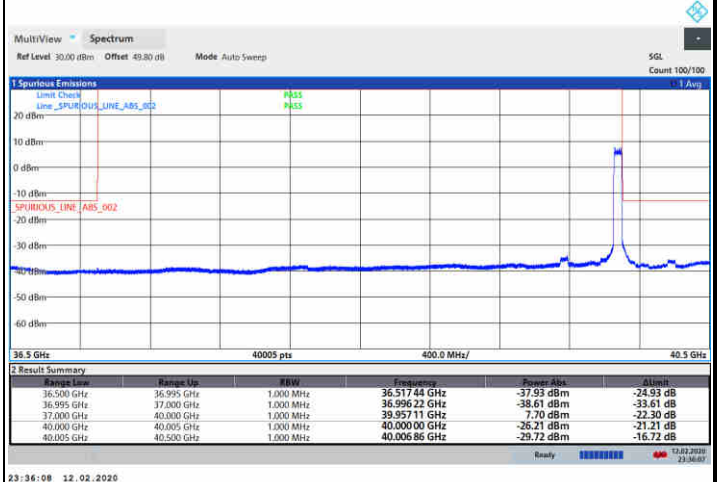
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



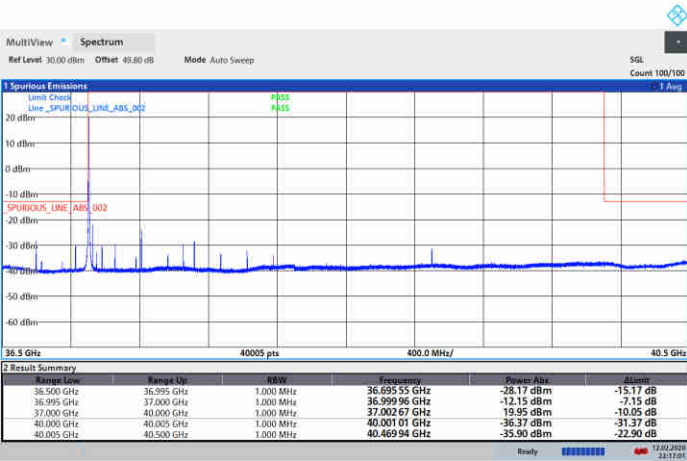
22:15:40 12.02.2020

Highest Band Edge / Full RB



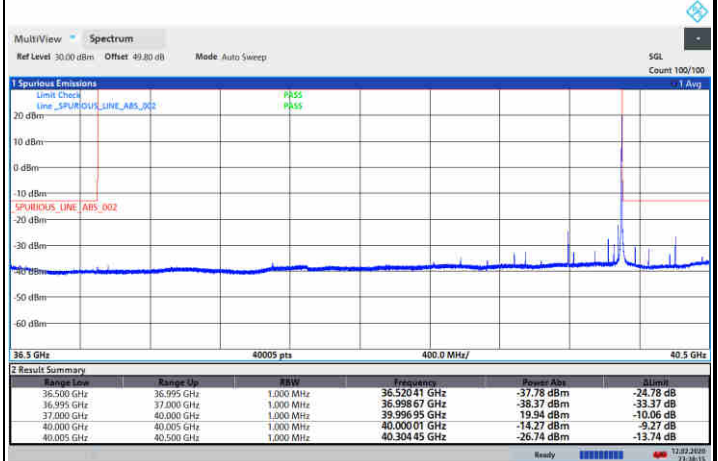
23:36:08 12.02.2020

Lowest Band Edge / 1RB



22:17:02 12.02.2020

Highest Band Edge / 1 RB



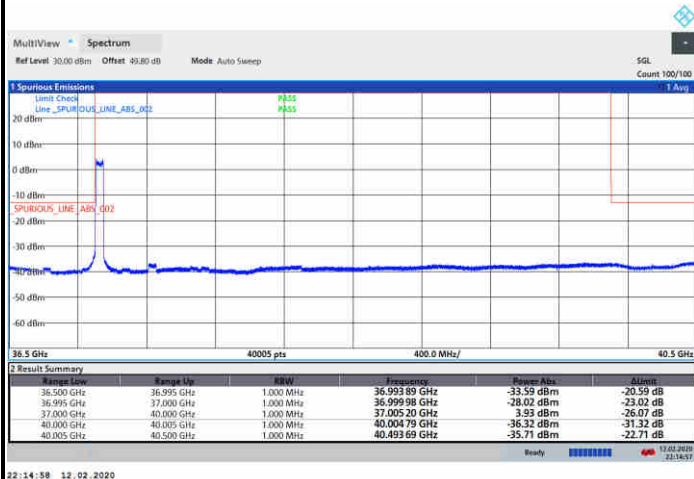
23:38:16 12.02.2020



Module 2

NR Band n260 / 50MHz / 64QAM

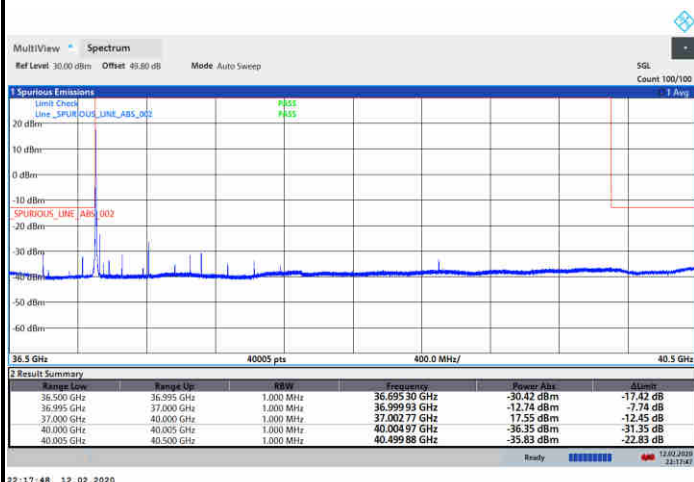
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



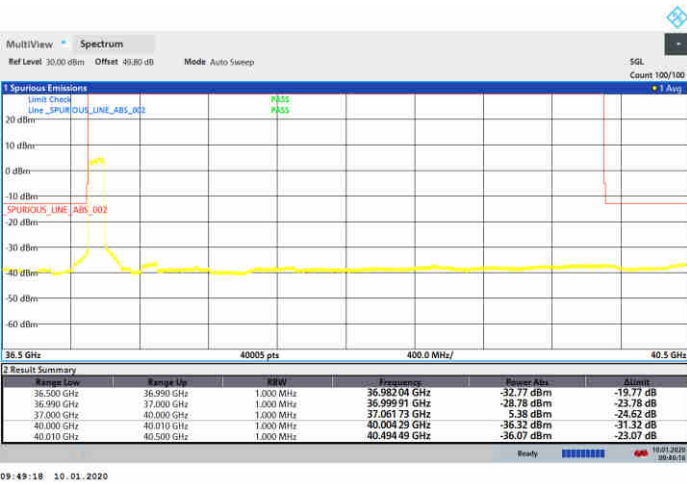
Highest Band Edge / 1 RB





NR Band n260 / 100MHz / QPSK

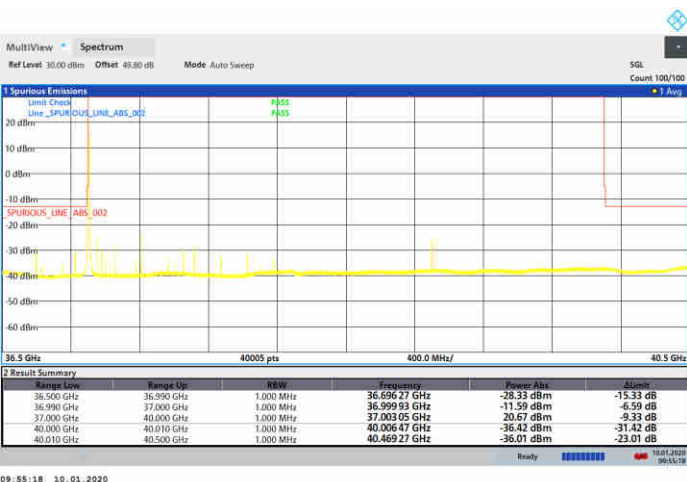
Lowest Band Edge / Full RB



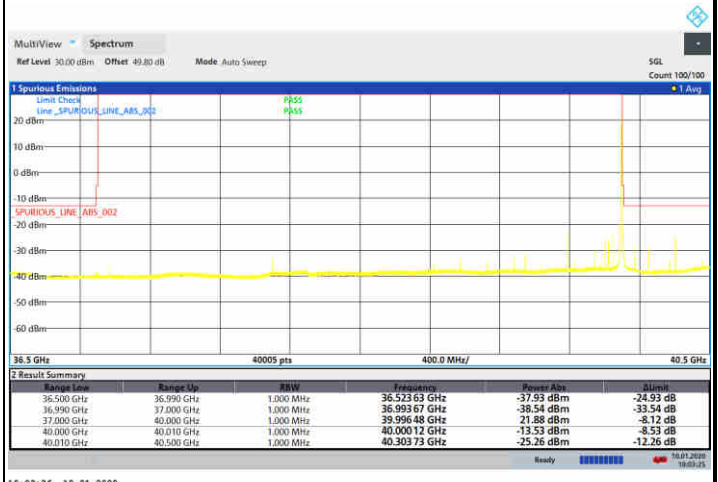
Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

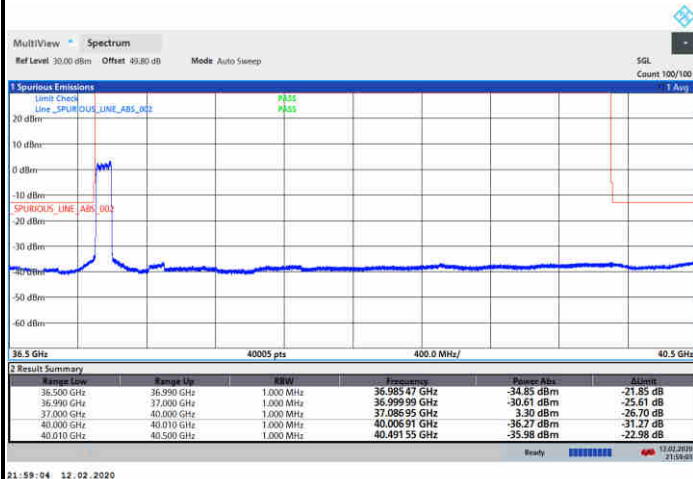




Module 2

NR Band n260 / 100MHz / 16QAM

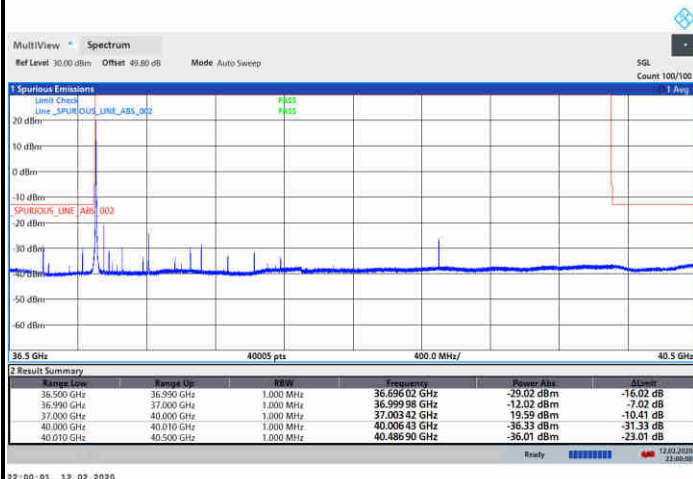
Lowest Band Edge / Full RB



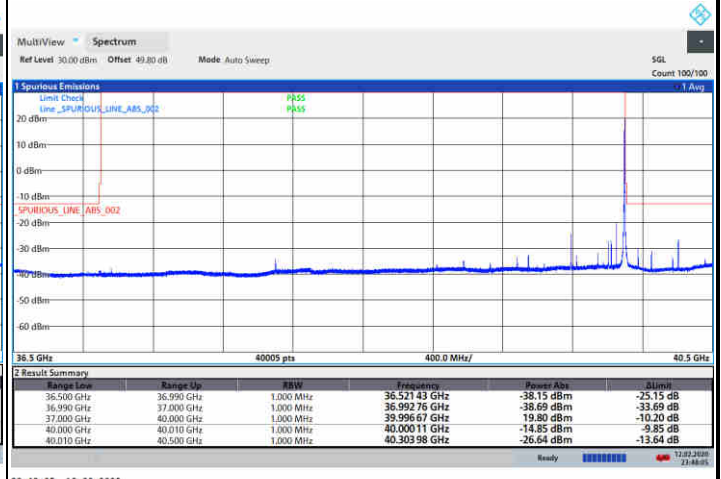
Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



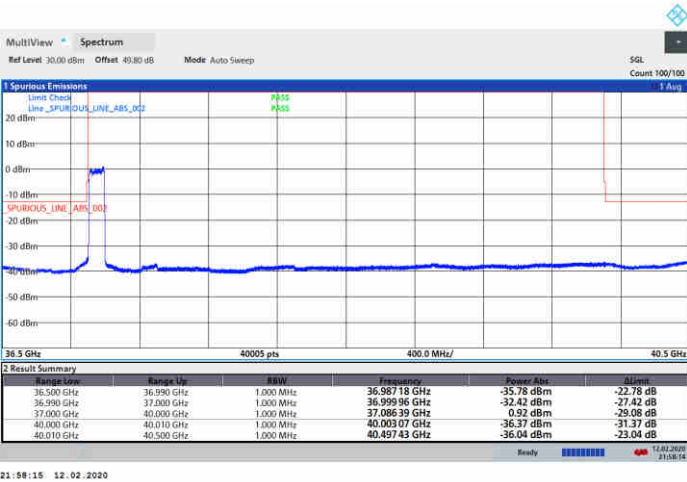
Highest Band Edge / 1 RB



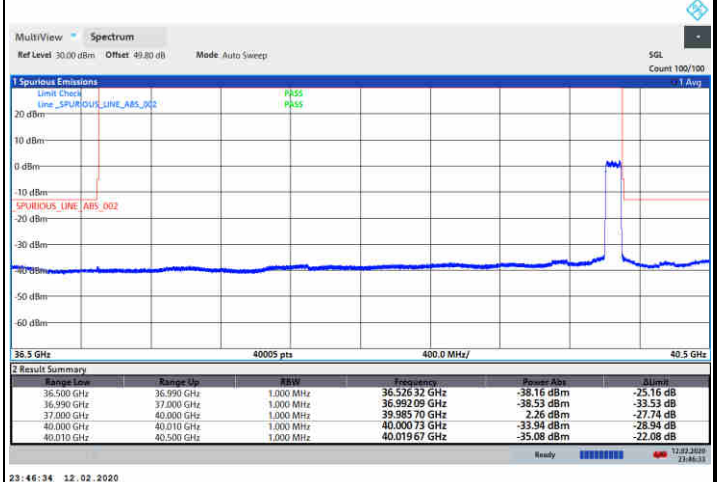


NR Band n260 / 100MHz / 64QAM

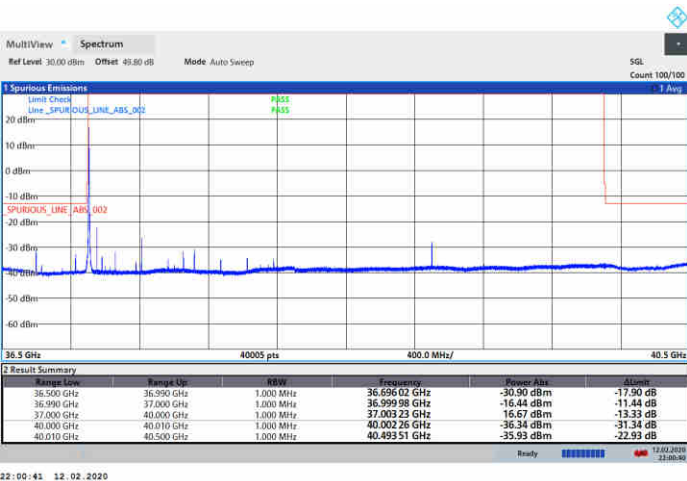
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

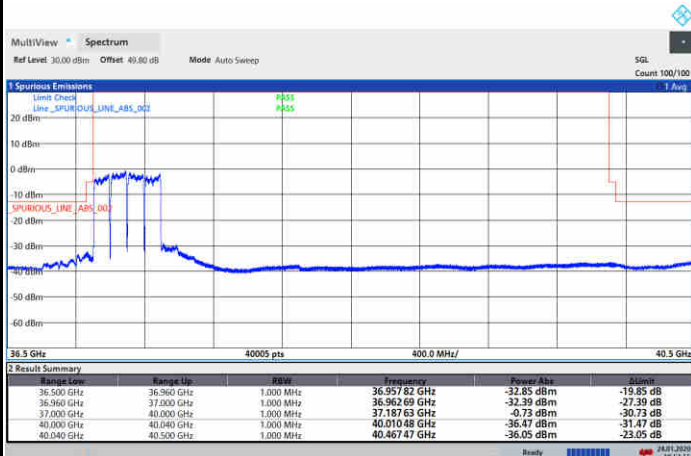




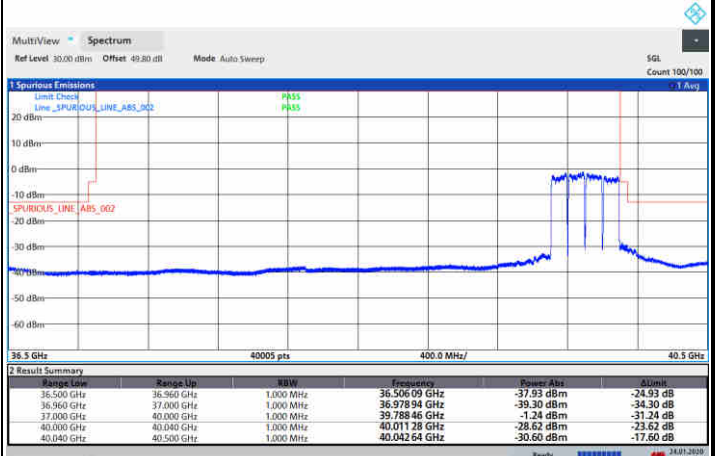
Module 2

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

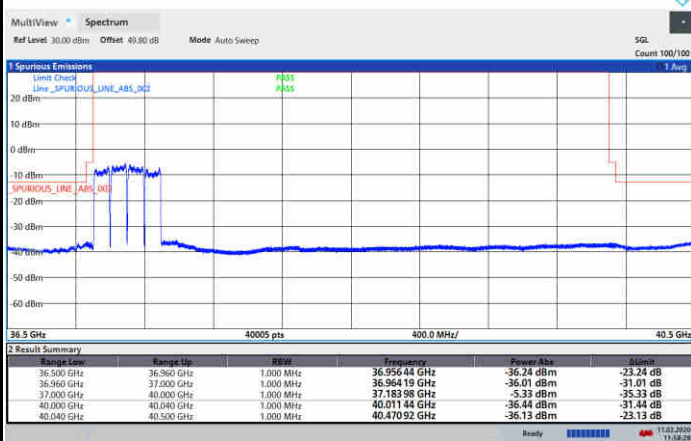


Highest Band Edge / Full RB



NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



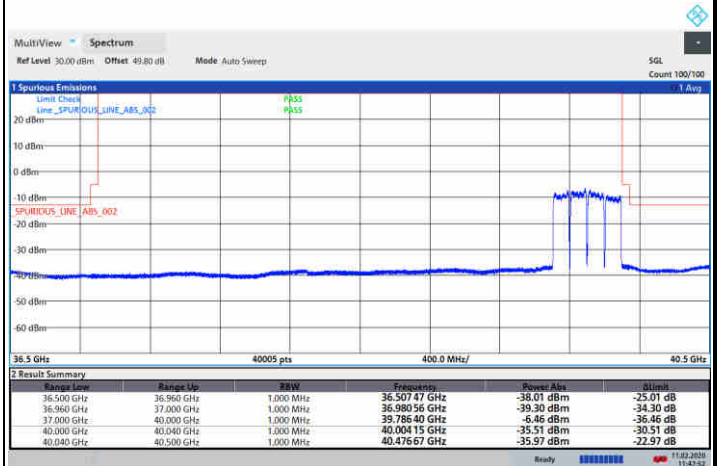
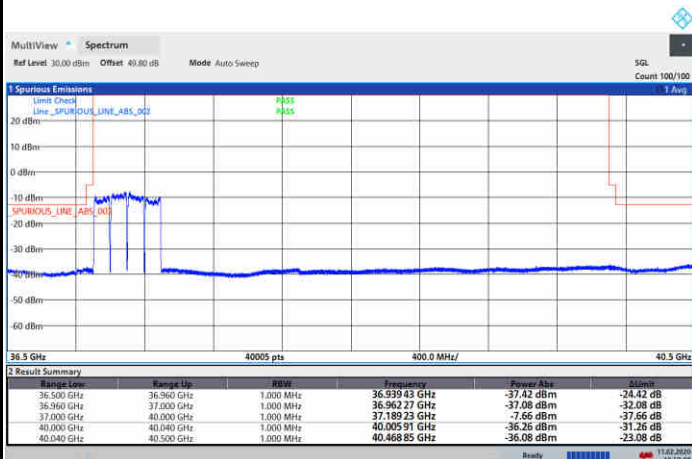


Module 2

NR Band n260 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



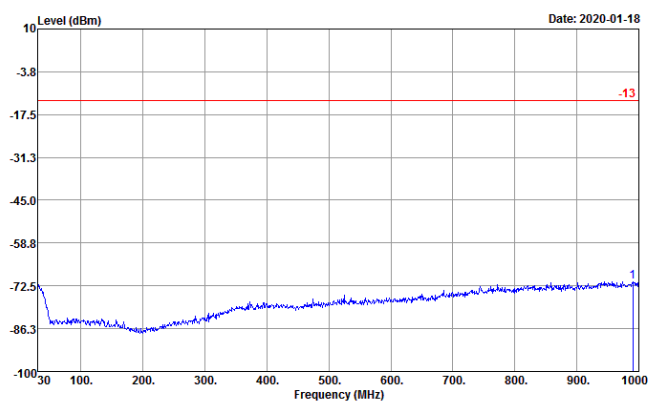
Spurious Emission

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

Only the noise floor is reported.

NR Band n260 (30MHz-1GHz)

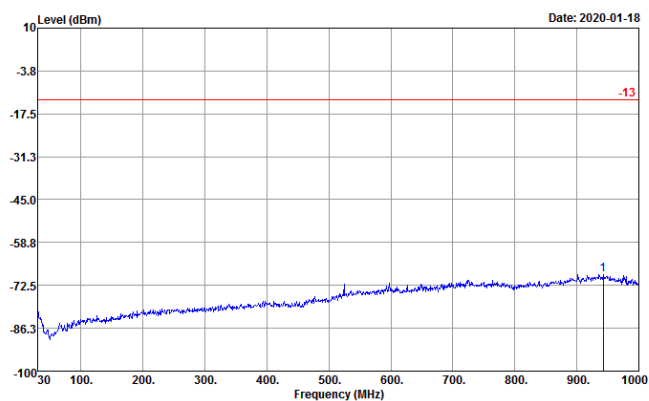
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 9N2705
MO_B35-100M-M-30-16RSE-1R80-PUSCH-DFT-S

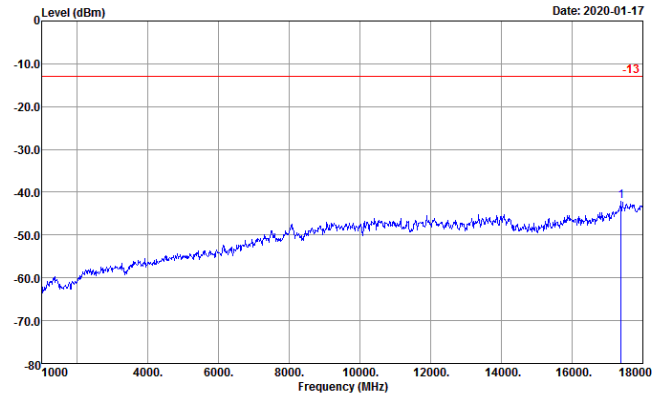
MO-B35-100W-M-30-10KSE-1R				
	Over	Limit	Read	
Freq	Level	Limit	Line	Level
MHz	dBm	dB	dBm	dBm
990.30	-71.08	-58.08	-13.00	-79.31

Vertical



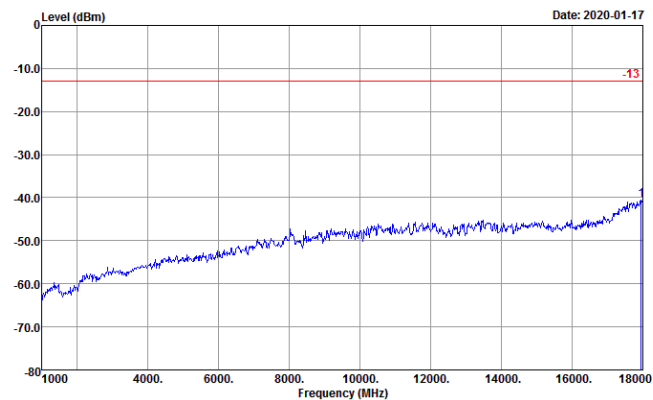
Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 9N2705
MO_B35-100M-M-30-16RSE-1R80-PUSCH-DFT-S

Freq	Level	Over Limit	Read Line	Read Level
MHz	dBm	dB	dBm	dBm
942.77	-68.96	-55.96	-13.00	-78.61

NR Band n260 (1GHz-18GHz)
Horizontal


Date: 2020-01-17
 Site : 03CH10-HY
 Condition : -13 EIRP_WO HORIZONTAL
 Project : 9N2705
 : MQ_B35-100M-M-1-18GRSE-1RB0-PUSCH-DFT-S

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 17388.00	-42.13	-29.13	-13.00	-52.59

Vertical


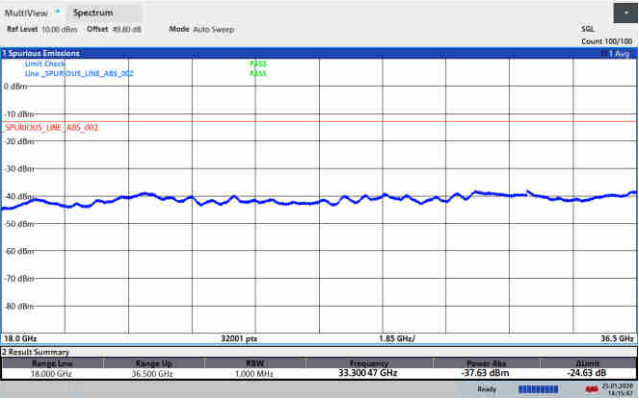
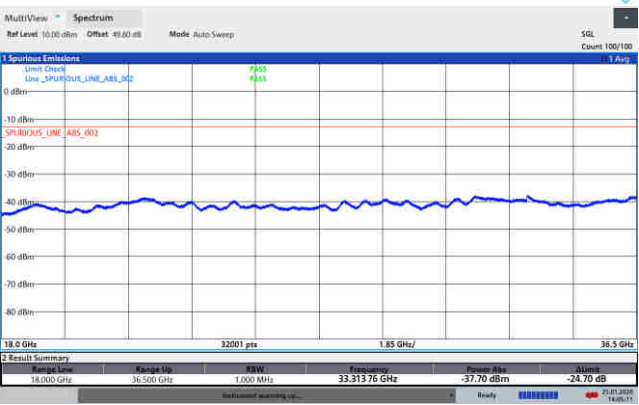
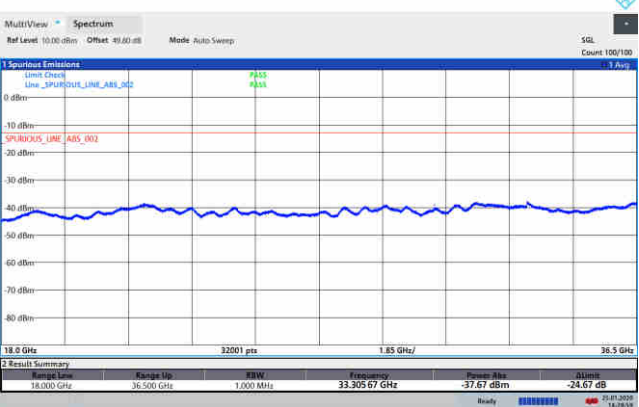
Date: 2020-01-17
 Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 9N2705
 : MQ_B35-100M-M-1-18GRSE-1RB0-PUSCH-DFT-S

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 17949.00	-40.50	-27.50	-13.00	-55.01





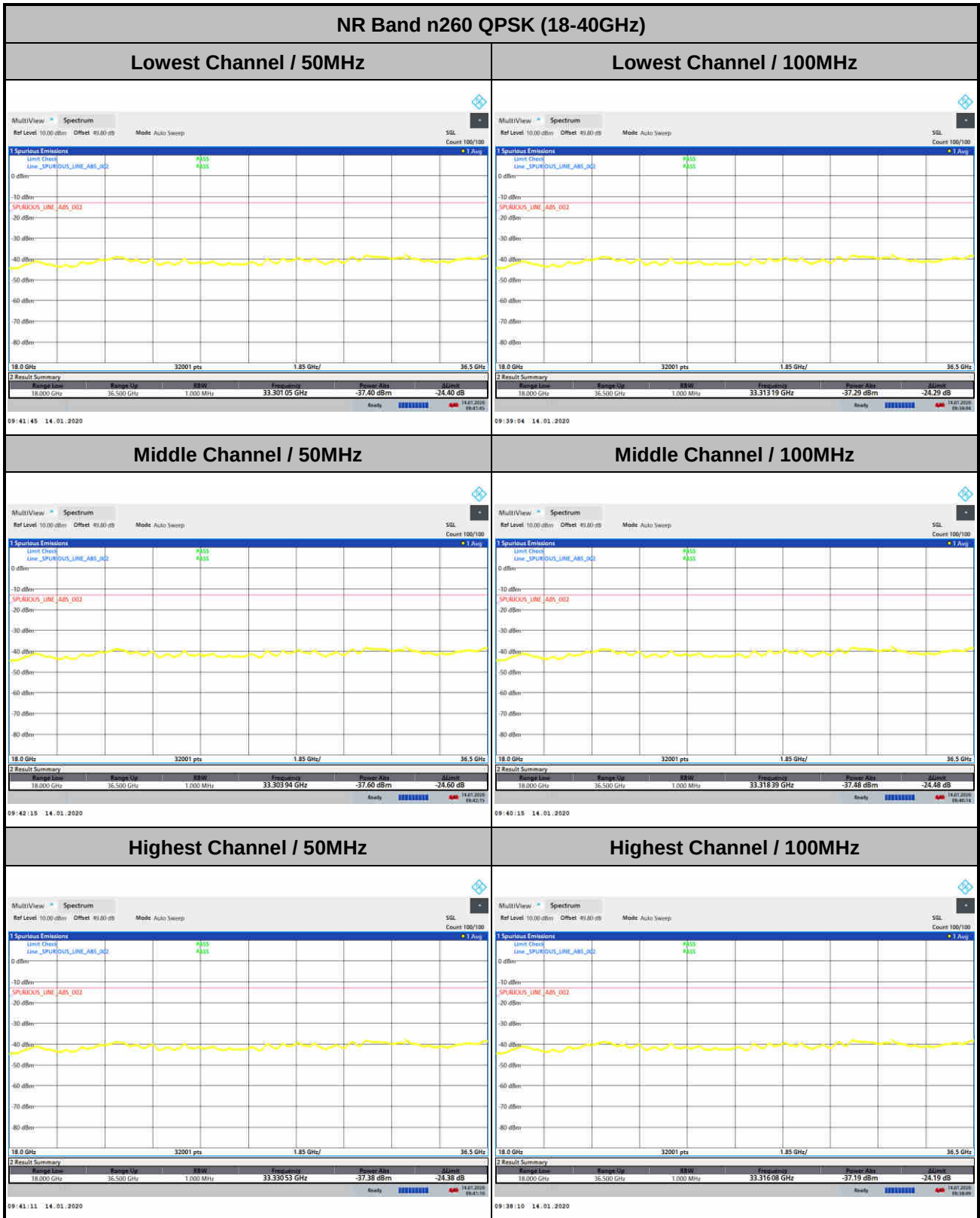
Module 0

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	intentionally blank
Middle Channel / 400MHz	
	intentionally blank
Highest Channel / 400MHz	
	intentionally blank

Remark: In band and out of band frequencies are omitted.

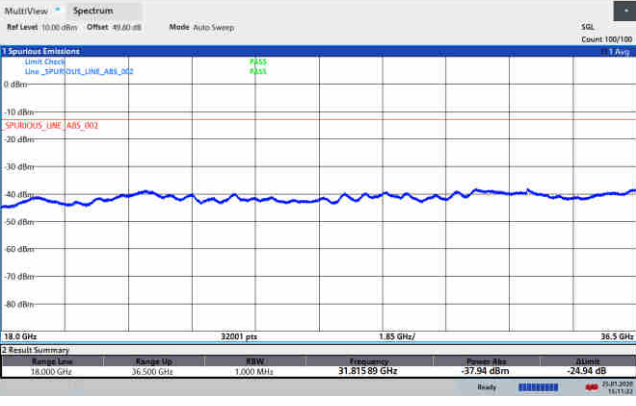
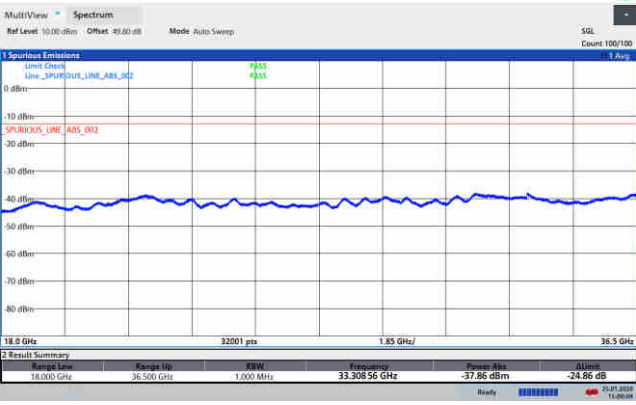
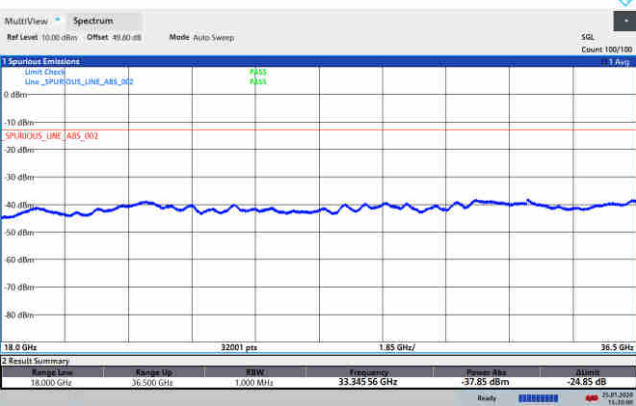


Module 1



Remark: In band and out of band frequencies are omitted.

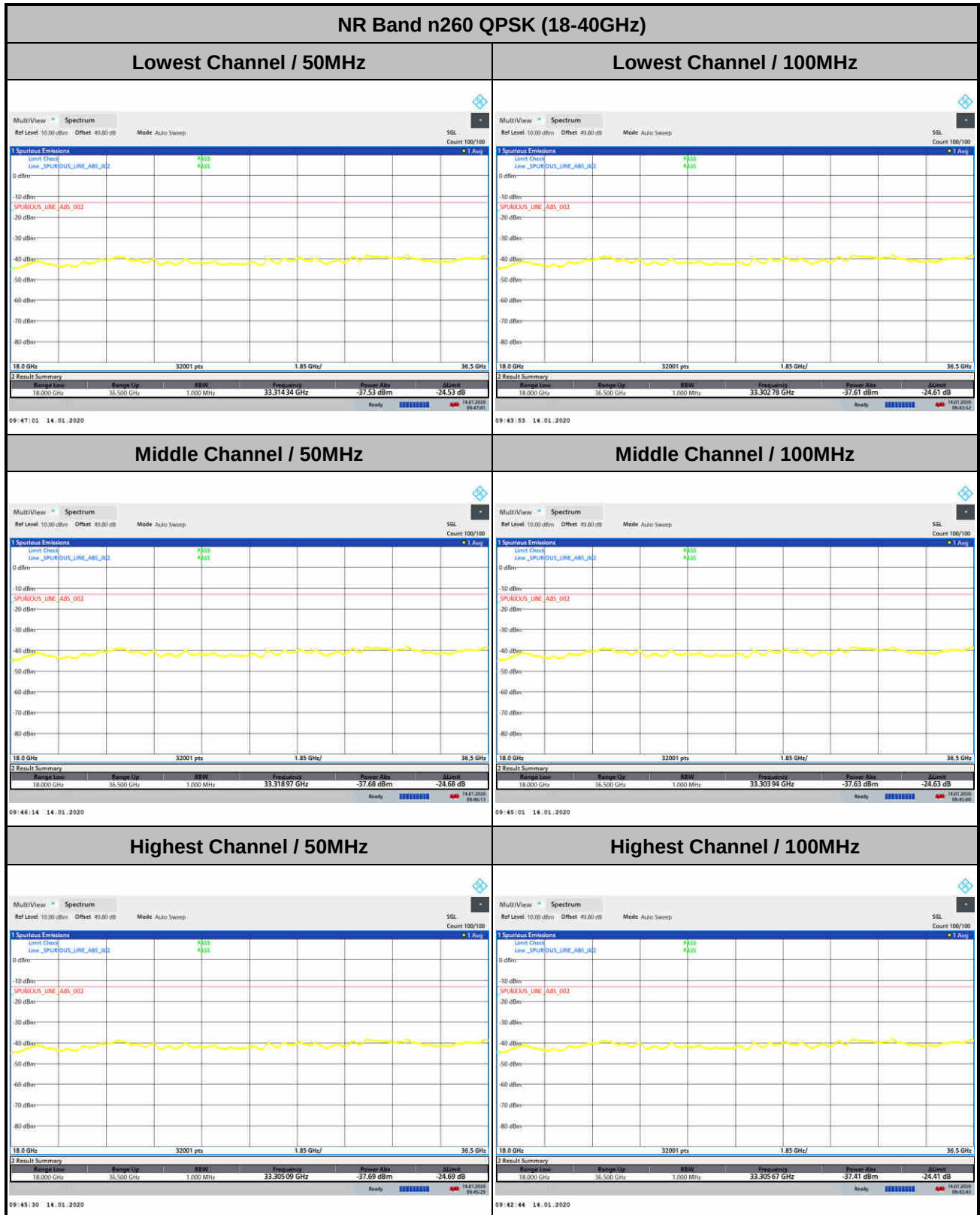
Module 1

NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	intentionally blank
Middle Channel / 400MHz	
	intentionally blank
Highest Channel / 400MHz	
	intentionally blank

Remark: In band and out of band frequencies are omitted.

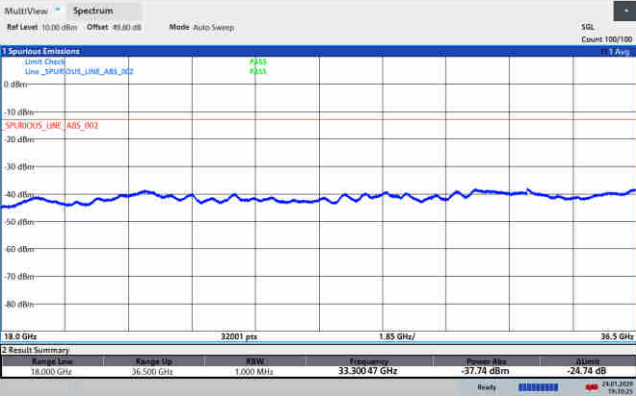
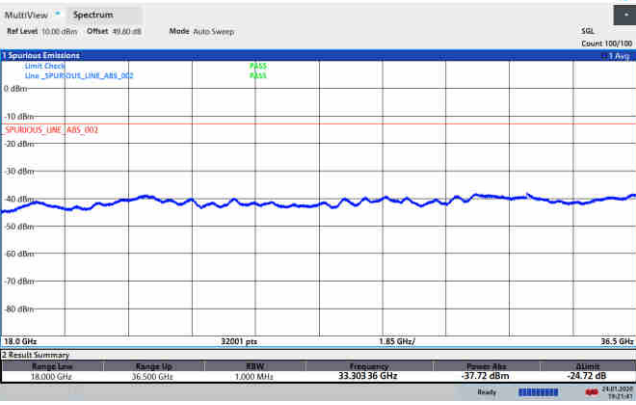
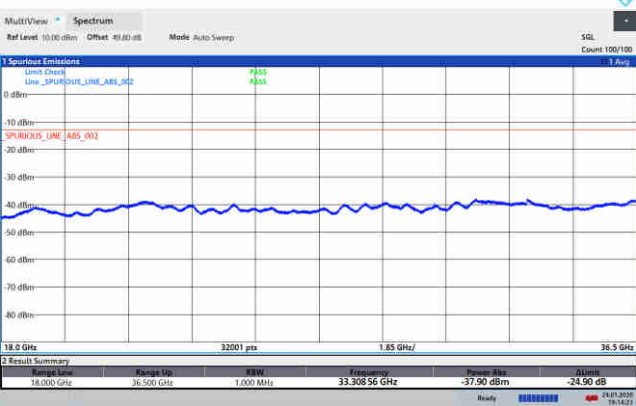


Module 2



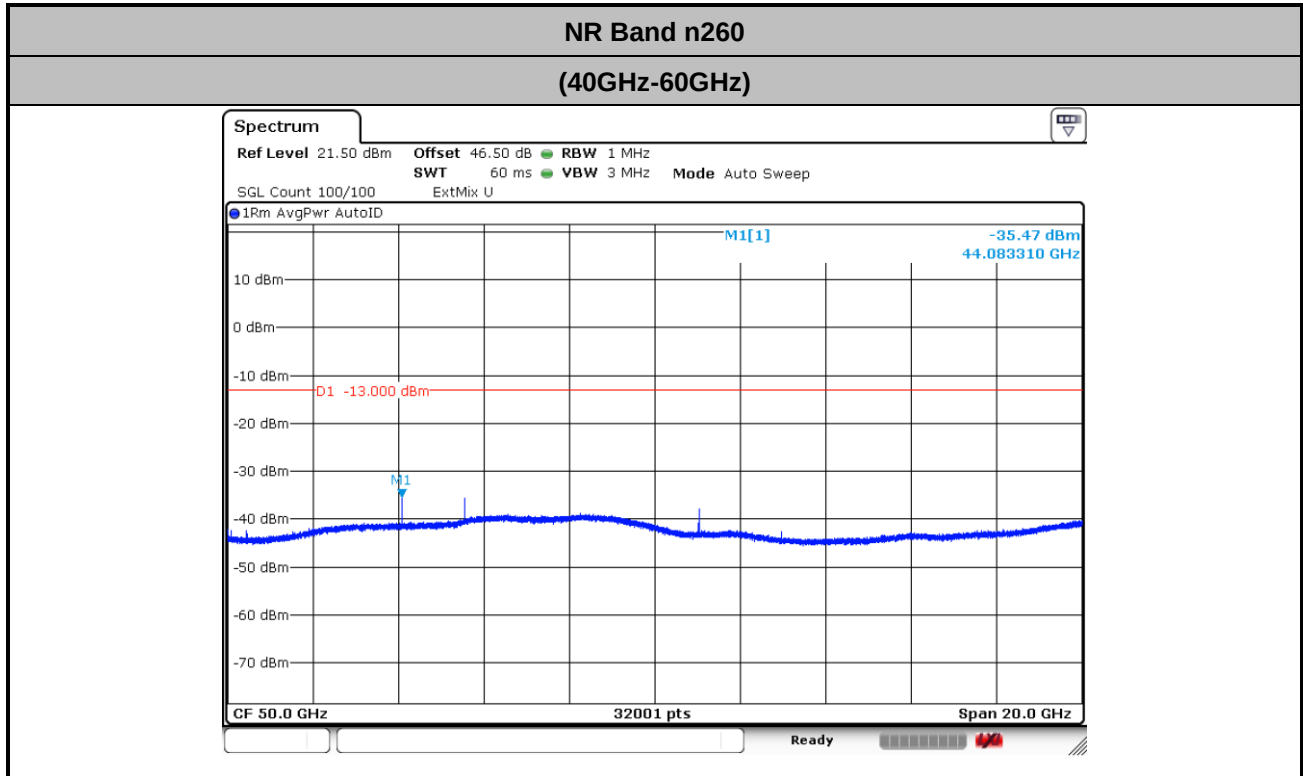
Remark: In band and out of band frequencies are omitted.

Module 2

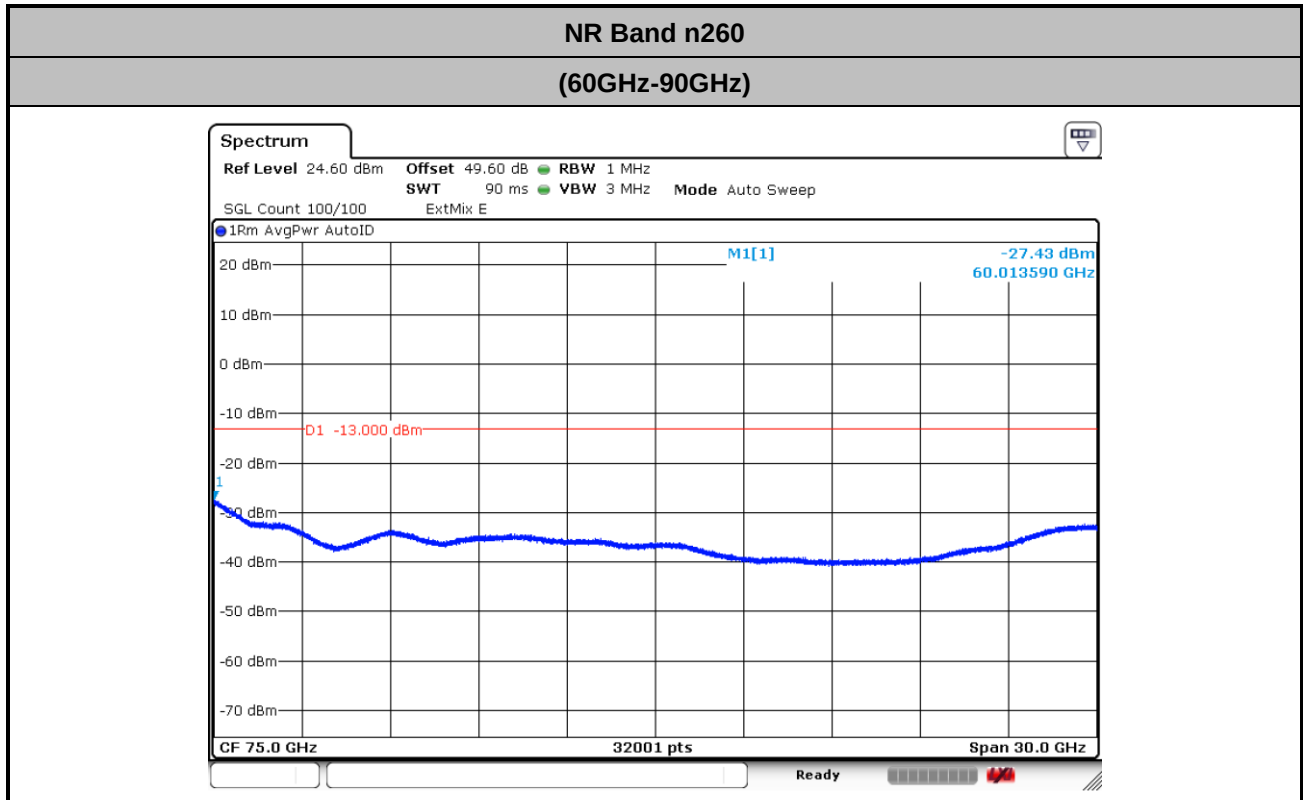
NR Band n260 QPSK (18-40GHz)	
Lowest Channel / 400MHz	
	intentionally blank
Middle Channel / 400MHz	
	intentionally blank
Highest Channel / 400MHz	
	intentionally blank

Remark: In band and out of band frequencies are omitted.

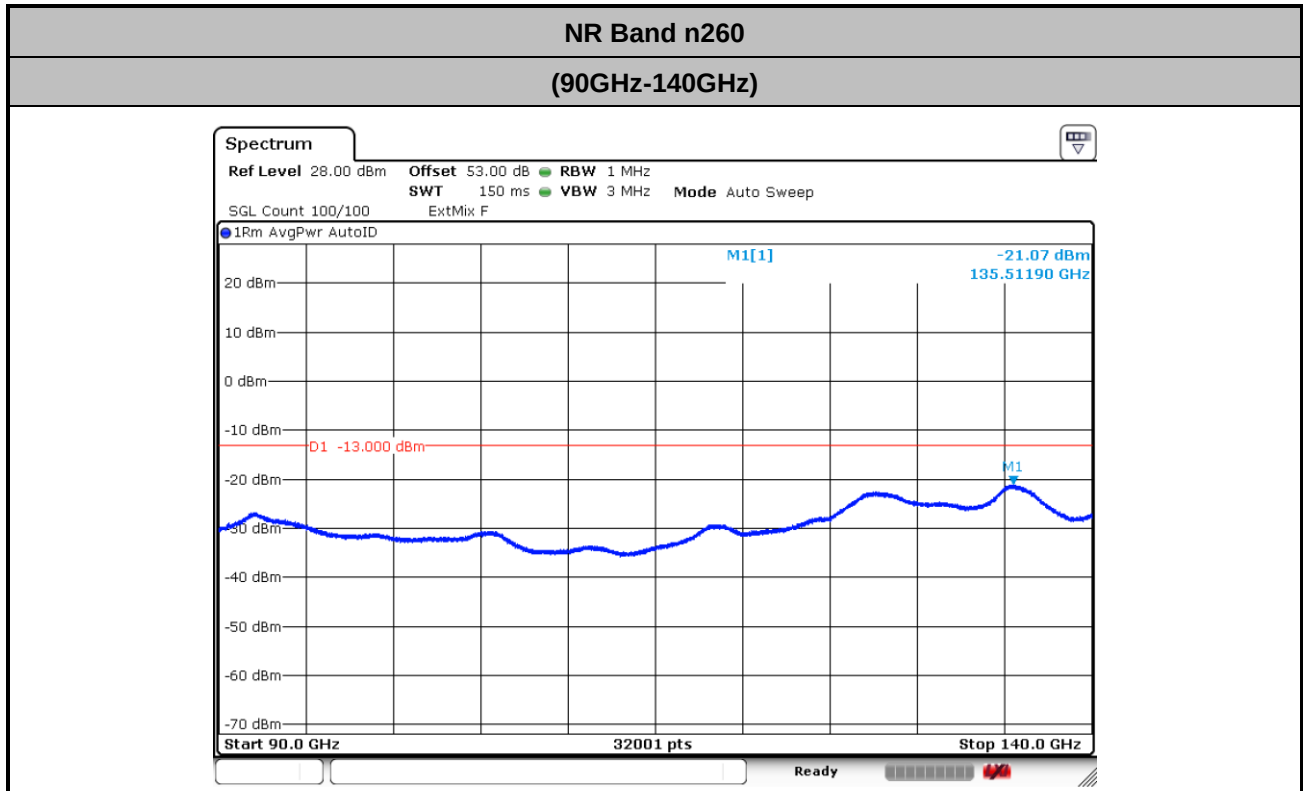
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz.
Only the noise floor is reported.



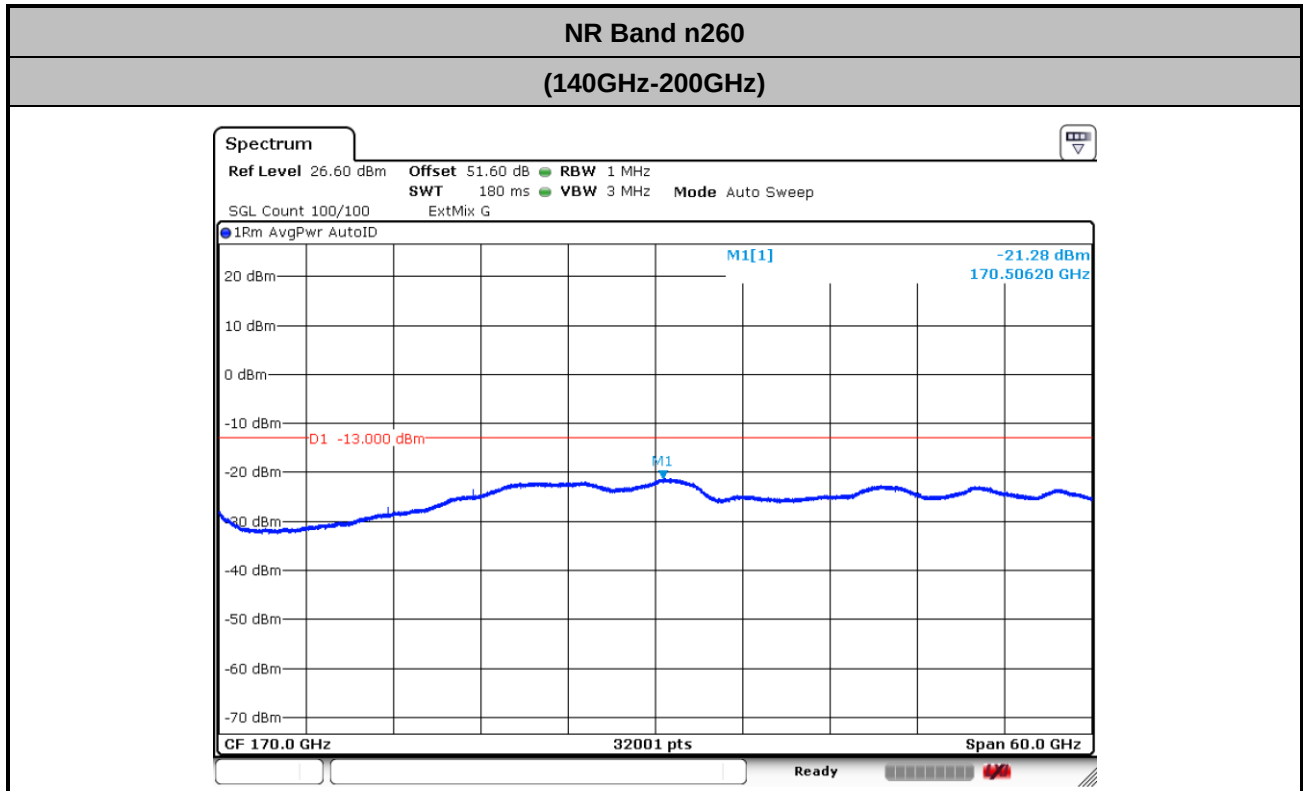
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)} \end{aligned}$$

Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.49888463	0.29	0.01	PASS
40	Normal Voltage	38.49888449	0.15	0.00	
30	Normal Voltage	38.49888434	0.00	0.00	
20(Ref.)	Normal Voltage	38.49888434	0.00	0.00	
10	Normal Voltage	38.49888449	0.15	0.00	
0	Normal Voltage	38.49888405	-0.29	-0.01	
-10	Normal Voltage	38.49888362	-0.72	-0.02	
-20	Normal Voltage	38.49888304	-1.30	-0.03	
-30	Normal Voltage	38.49888275	-1.59	-0.04	
20	Maximum Voltage	38.49888478	0.44	0.01	
20	Normal Voltage	38.49888434	0.00	0.00	
20	Battery End Point	38.49888492	0.58	0.02	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.5 V.
2. The frequency fundamental emissions stay within the operation band.
3. The test result at the next page provides confidence that the maximum frequency deviation will not lead to out of band operation during normal and extreme condition.



NR Band n260 CP-OFDM

Occupied Bandwidth

Mode	Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.43	45.20	45.33	92.93	92.89	92.92	387.89	387.68	387.55
Middle CH	45.1	45.09	45.23	92.48	92.58	92.53	386.58	385.69	385.86
Highest CH	45.11	45.10	45.28	92.93	92.5	92.63	386.91	386.89	387.48

Mode	Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.33	45.20	45.22	92.9	92.9	92.88	387.71	388.71	389.33
Middle CH	45.31	45.26	45.22	92.79	92.85	92.90	387.53	387.55	388.36
Highest CH	45.35	45.27	45.23	92.81	92.91	92.88	387.75	388.17	389.62

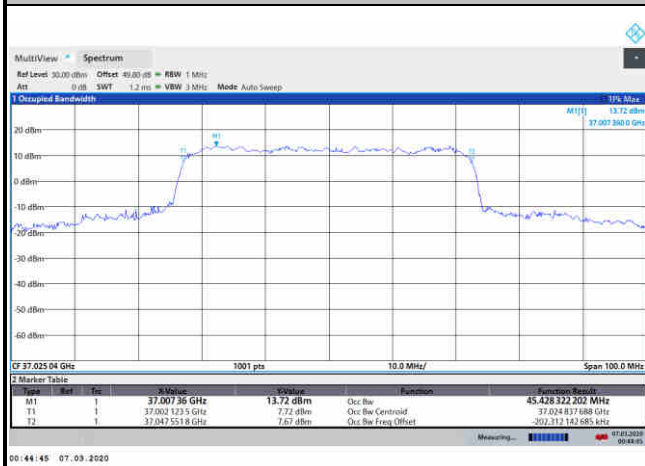
Mode	Module 2 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	45.21	45.1	92.74	92.61	92.59	386.80	386.69	386.81
Middle CH	45.28	45.18	45.14	92.78	92.51	92.66	386.02	385.80	386.06
Highest CH	45.28	45.18	45.10	92.86	92.46	92.81	387.06	386.94	387.56



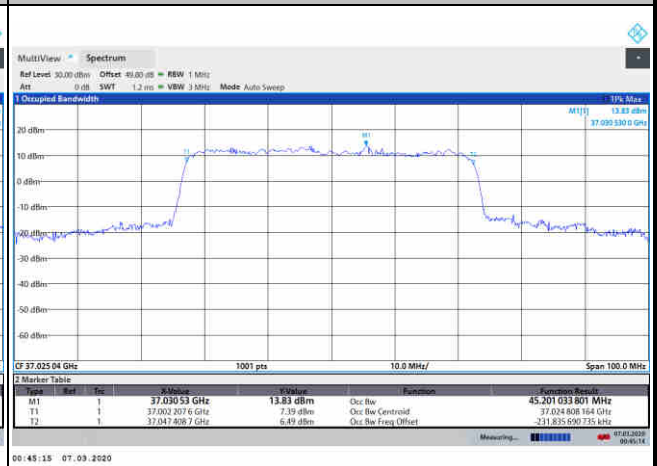
Module 0

NR Band n260

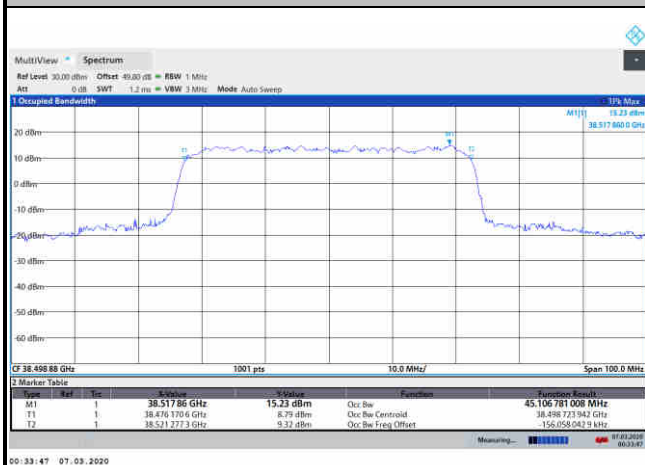
Lowest Channel / 50MHz / QPSK



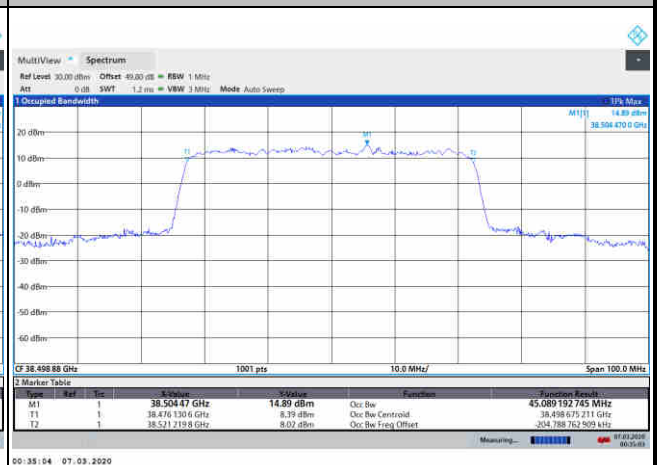
Lowest Channel / 50MHz / 16QAM



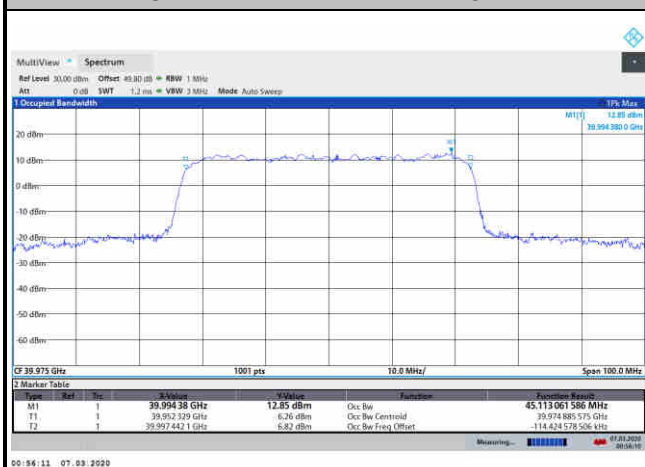
Middle Channel / 50MHz / QPSK



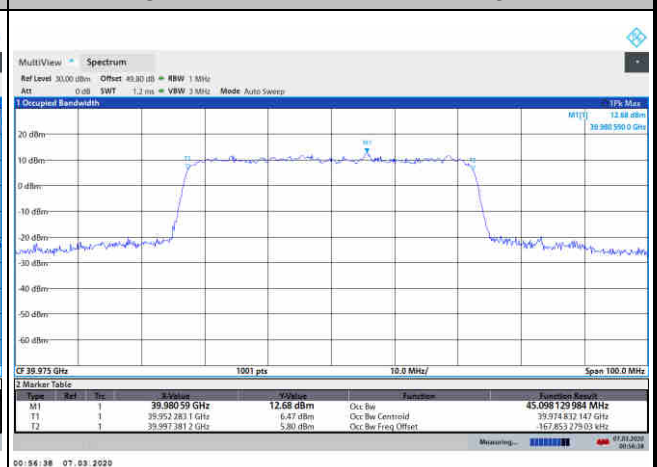
Middle Channel / 50MHz / 16QAM

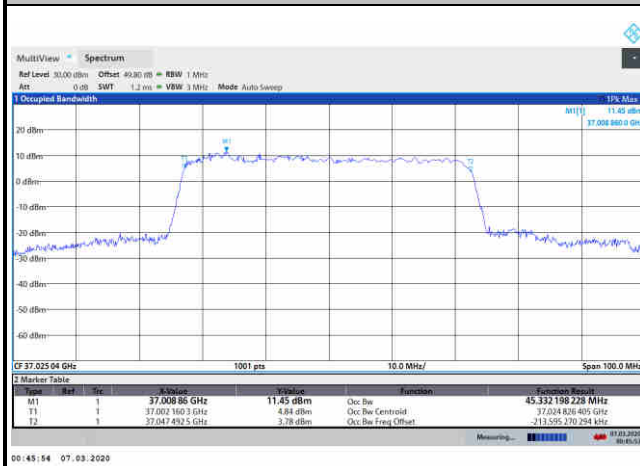
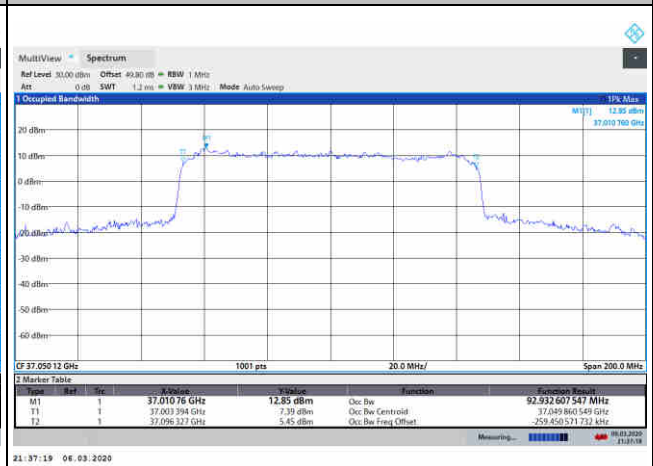
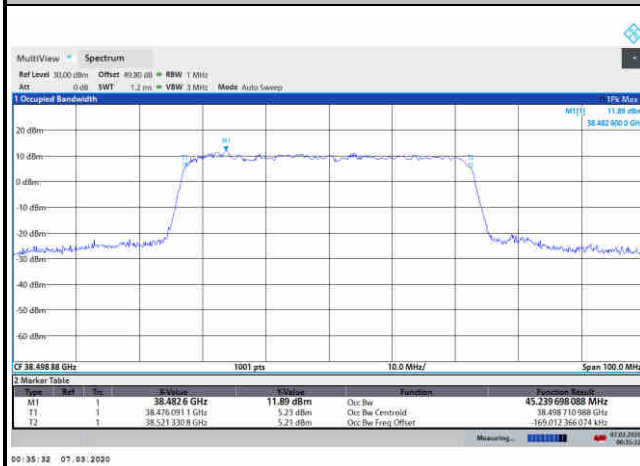
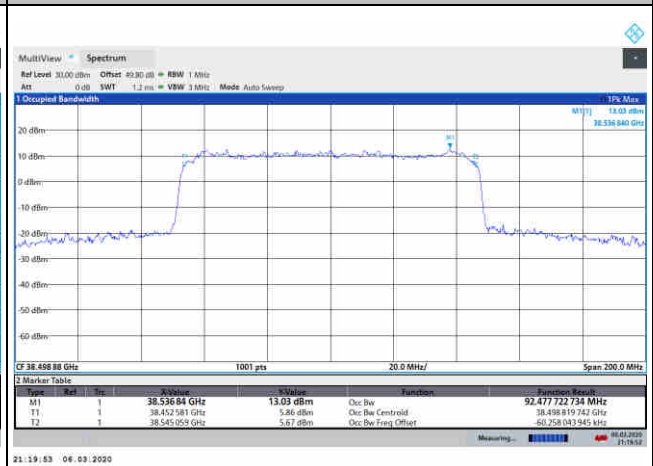
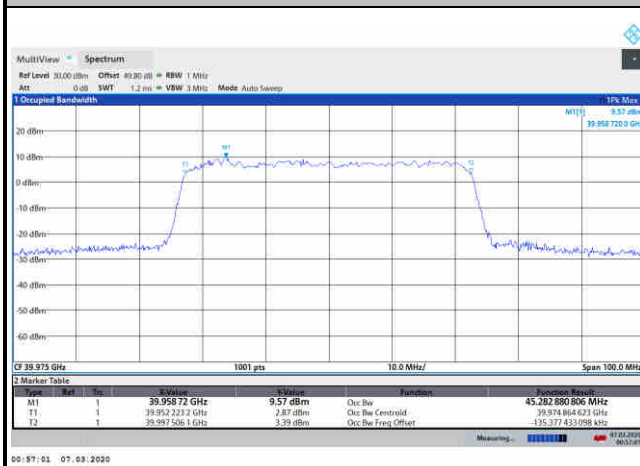
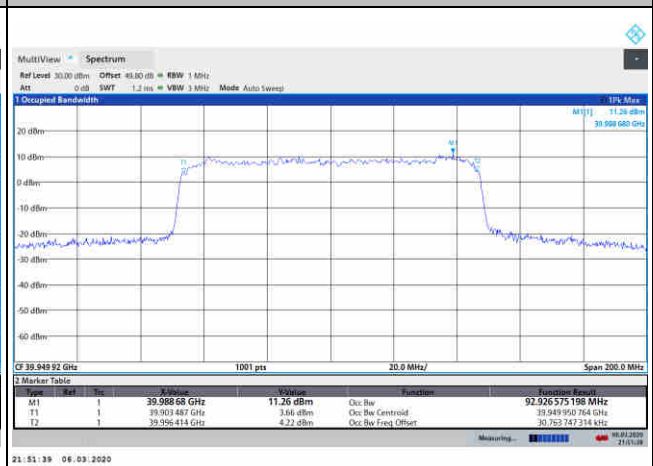


Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM



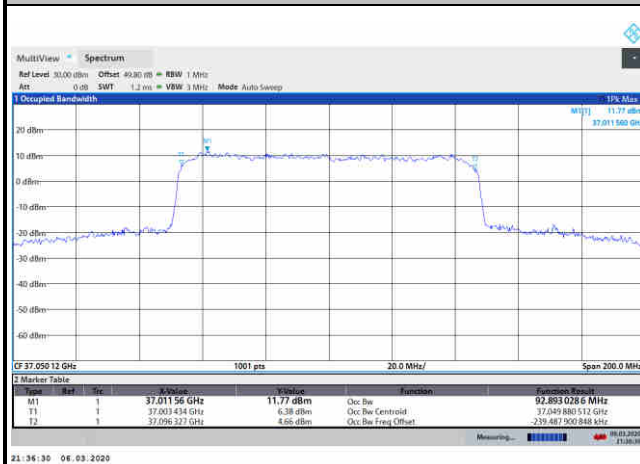
Module 0
NR Band n260
Lowest Channel / 50MHz / 64QAM

Lowest Channel / 100MHz / QPSK

Middle Channel / 50MHz / 64QAM

Middle Channel / 100MHz / QPSK

Highest Channel / 50MHz / 64QAM

Highest Channel / 100MHz / QPSK




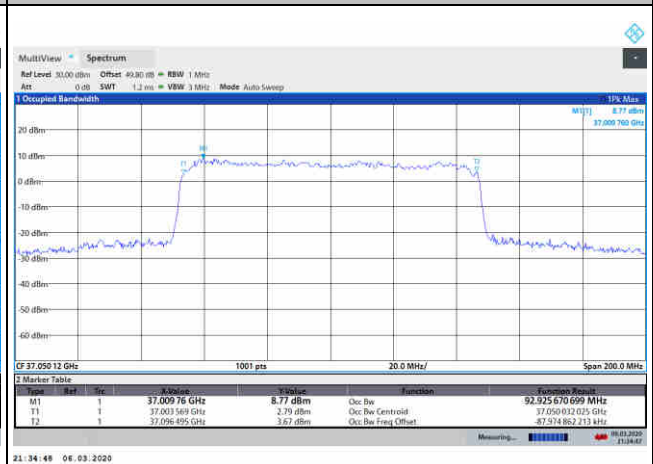
Module 0

NR Band n260

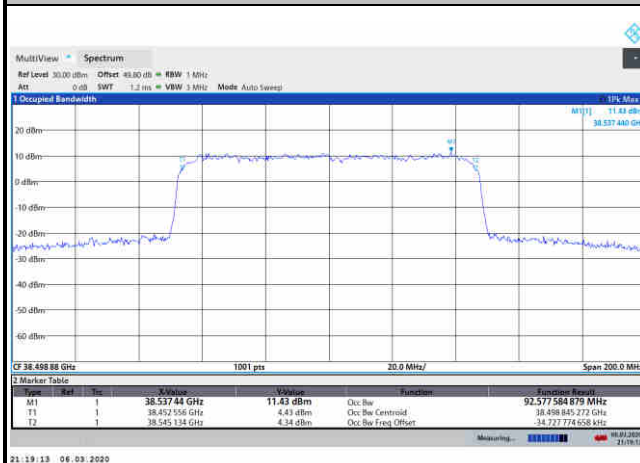
Lowest Channel / 100MHz / 16QAM



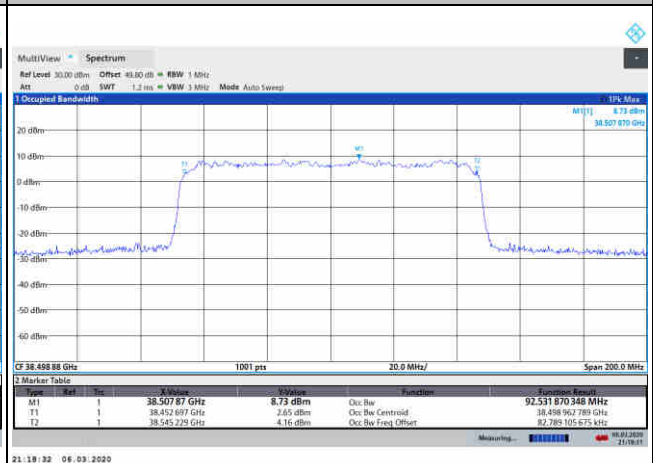
Lowest Channel / 100MHz / 64QAM



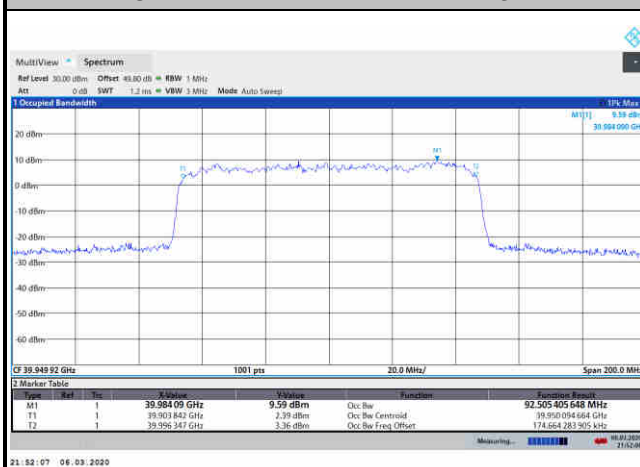
Middle Channel / 100MHz / 16QAM



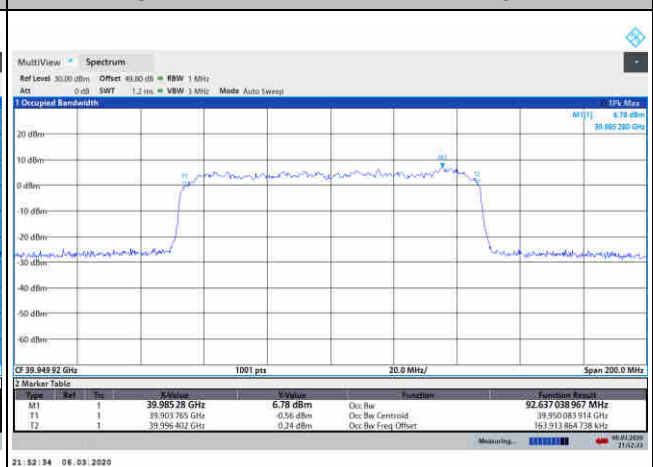
Middle Channel / 100MHz / 64QAM

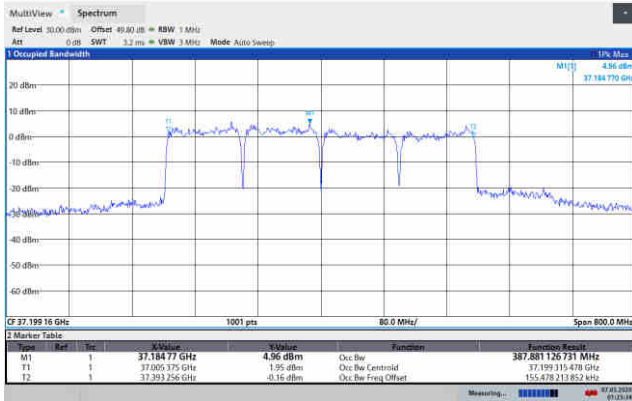
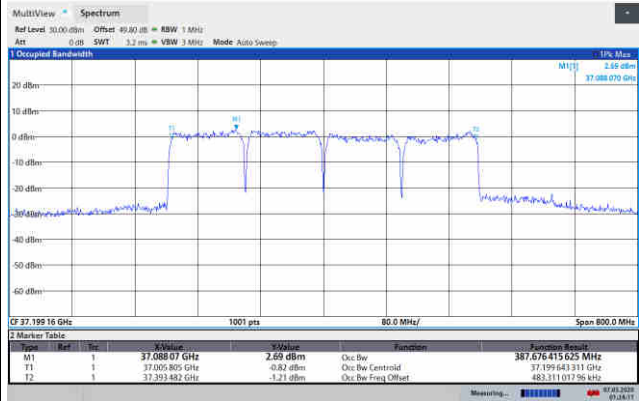
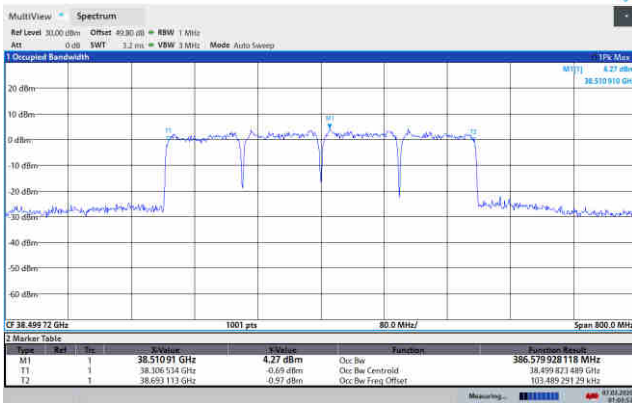
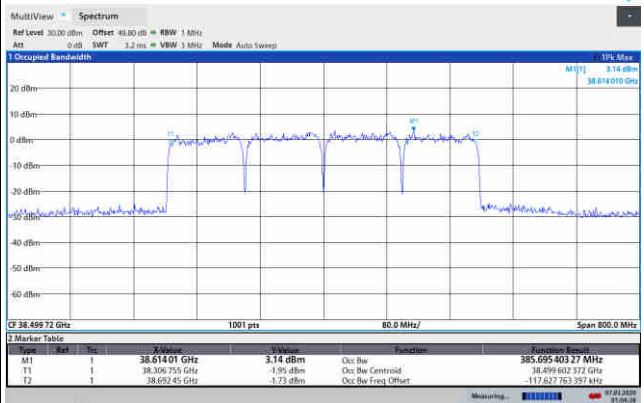
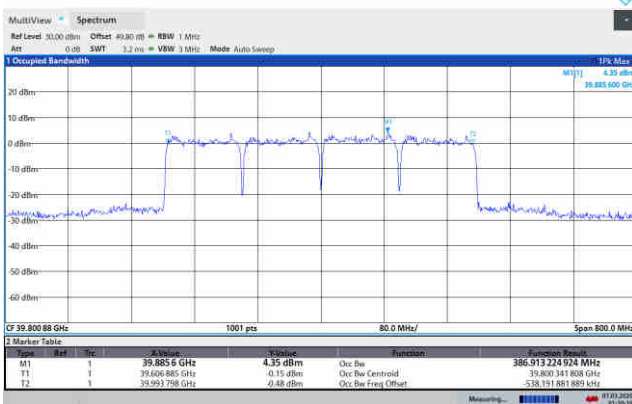
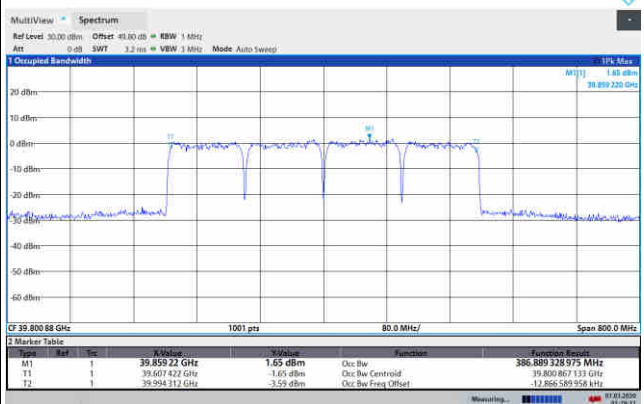


Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM



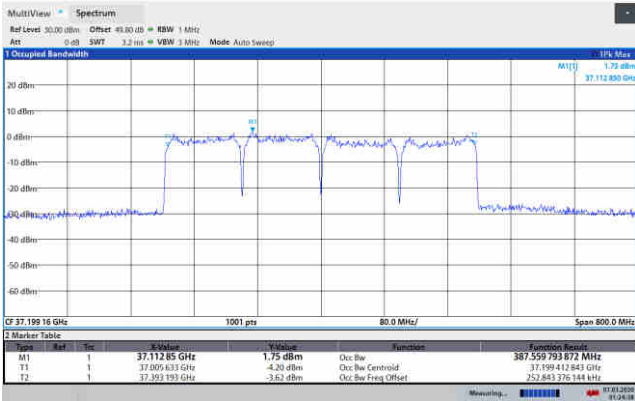
Module 0
NR Band n260
Lowest Channel / 400MHz / QPSK

Lowest Channel / 400MHz / 16QAM

Middle Channel / 400MHz / QPSK

Middle Channel / 400MHz / 16QAM

Highest Channel / 400MHz / QPSK

Highest Channel / 400MHz / 16QAM




Module 0

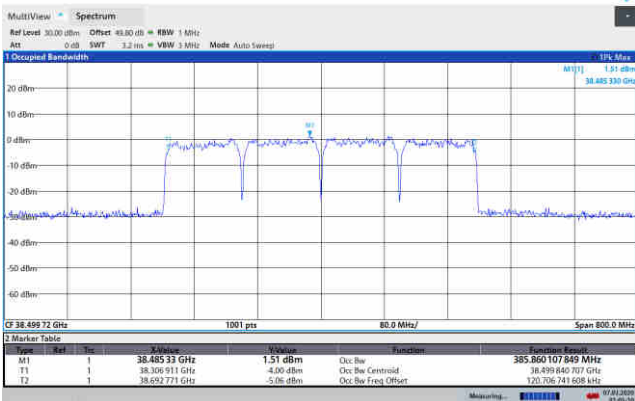
NR Band n260

Lowest Channel / 400MHz / 64QAM



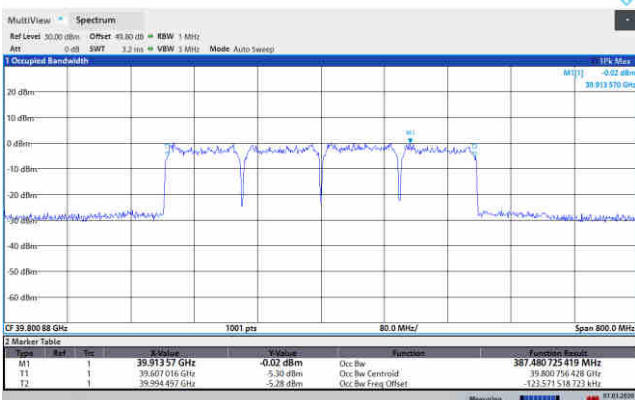
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



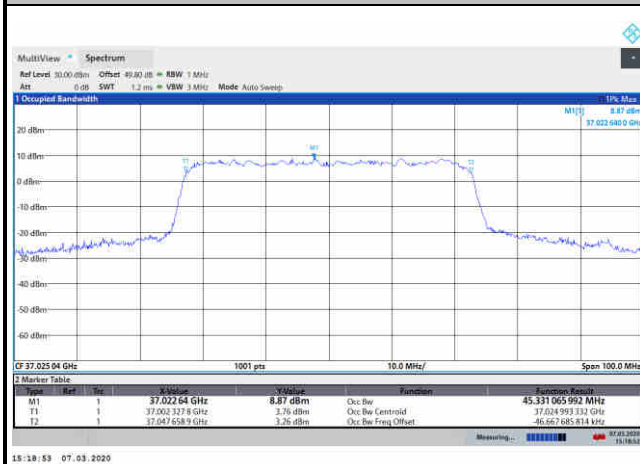
intentionally blank



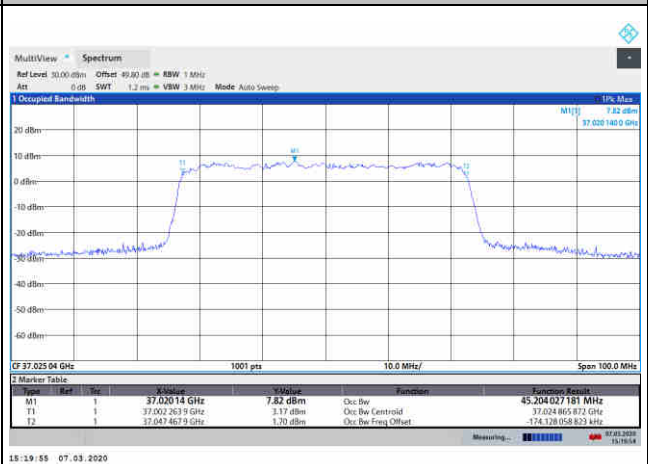
Module 1

NR Band n260

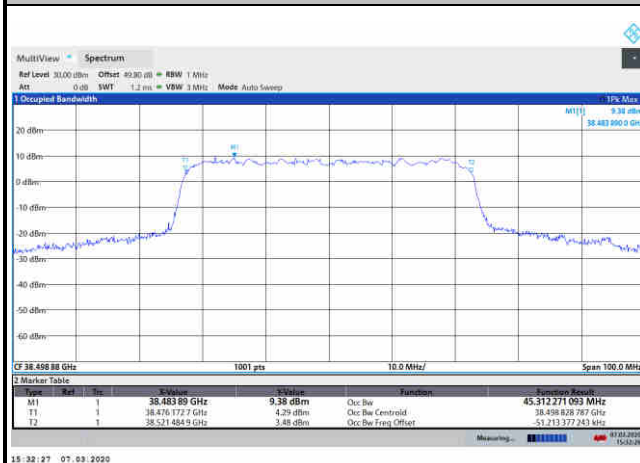
Lowest Channel / 50MHz / QPSK



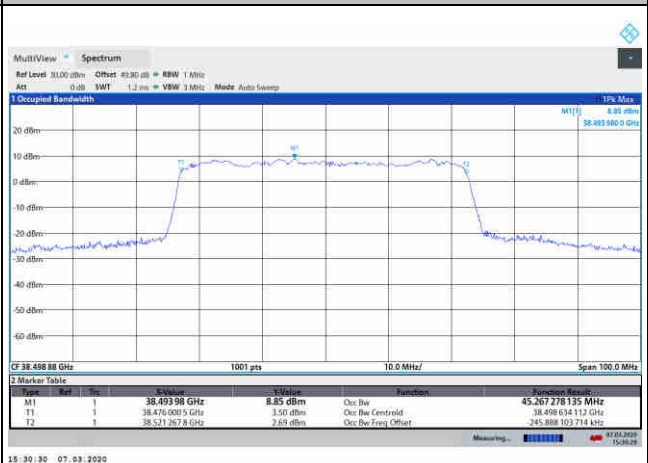
Lowest Channel / 50MHz / 16QAM



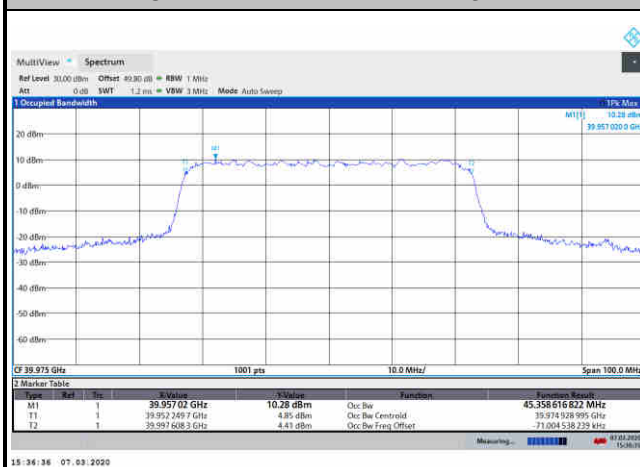
Middle Channel / 50MHz / QPSK



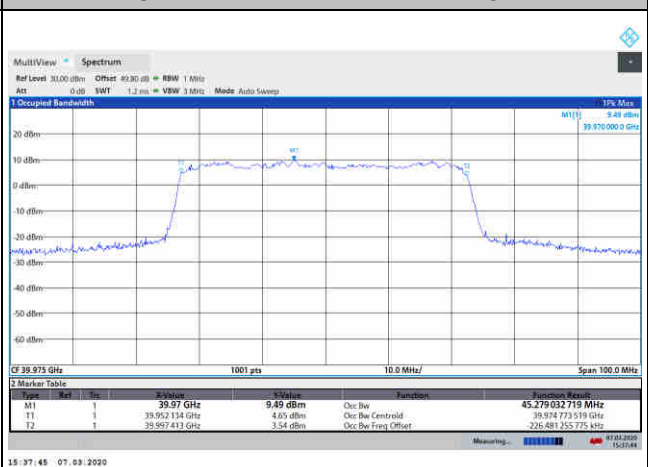
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

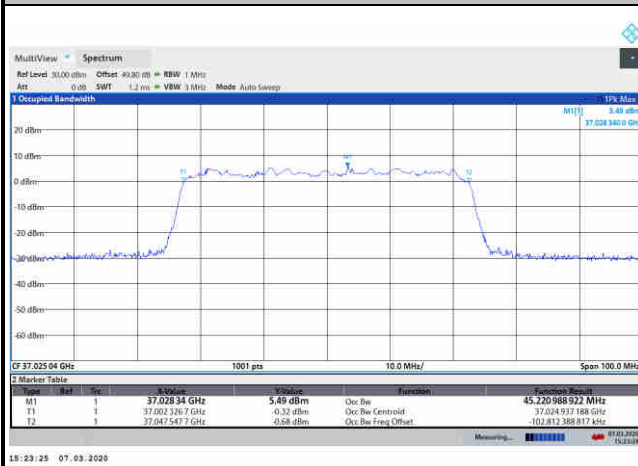




Module 1

NR Band n260

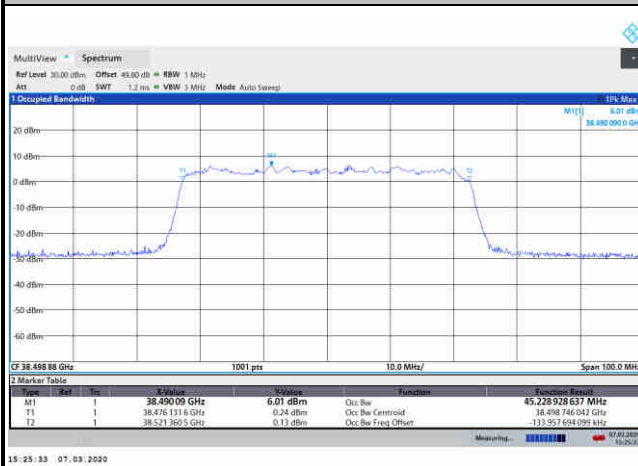
Lowest Channel / 50MHz / 64QAM



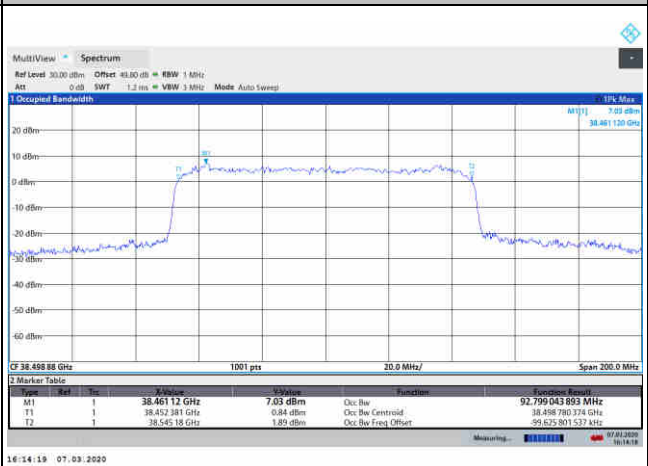
Lowest Channel / 100MHz / QPSK



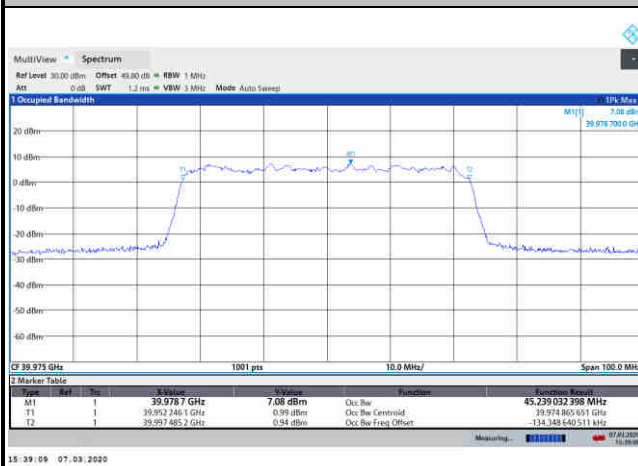
Middle Channel / 50MHz / 64QAM



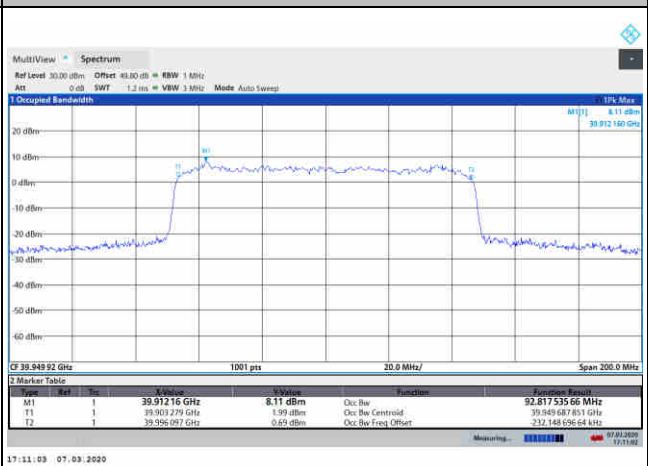
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

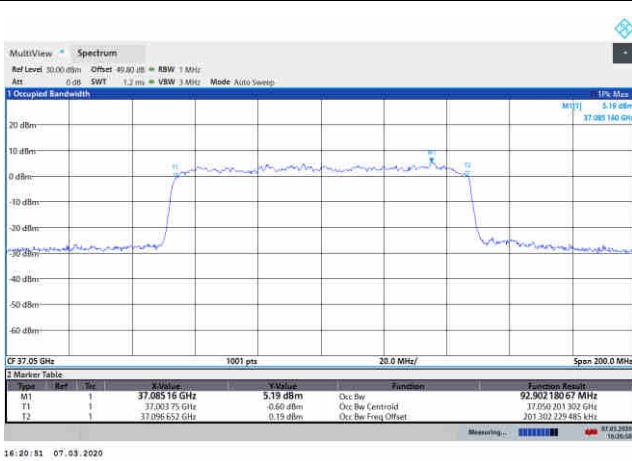




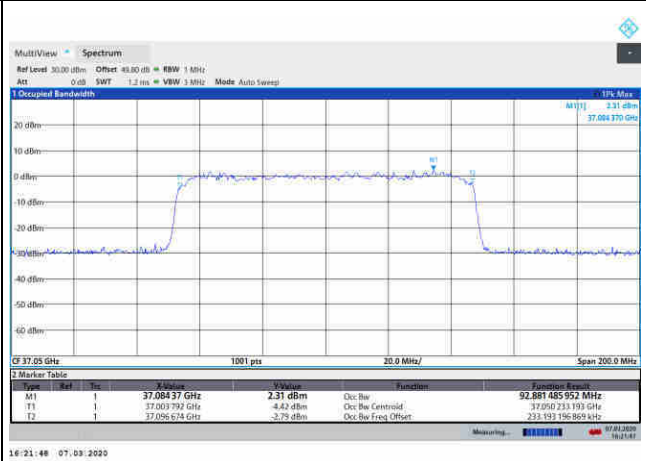
Module 1

NR Band n260

Lowest Channel / 100MHz / 16QAM



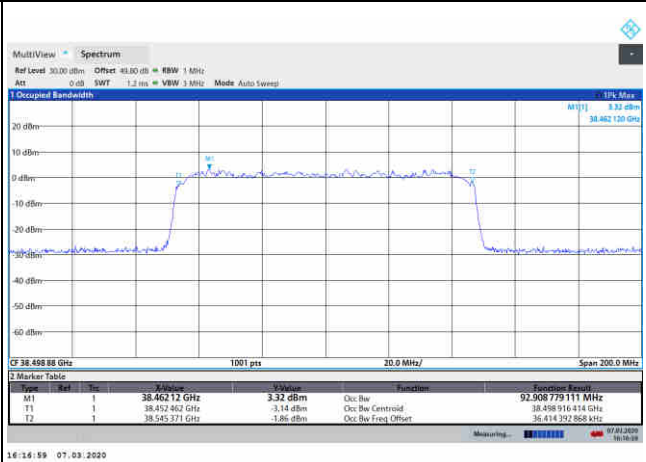
Lowest Channel / 100MHz / 64QAM



Middle Channel / 100MHz / 16QAM



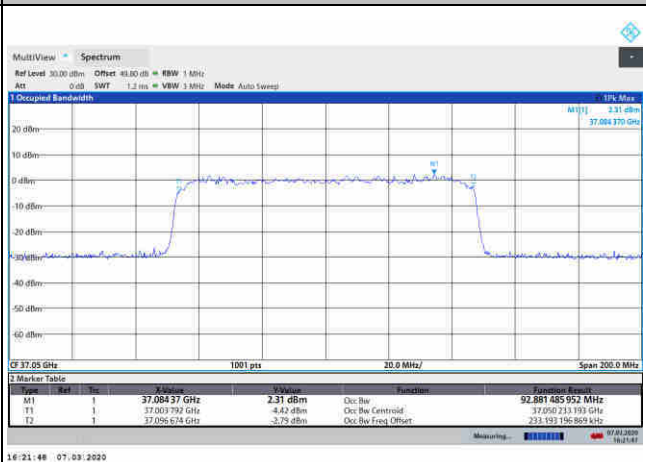
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



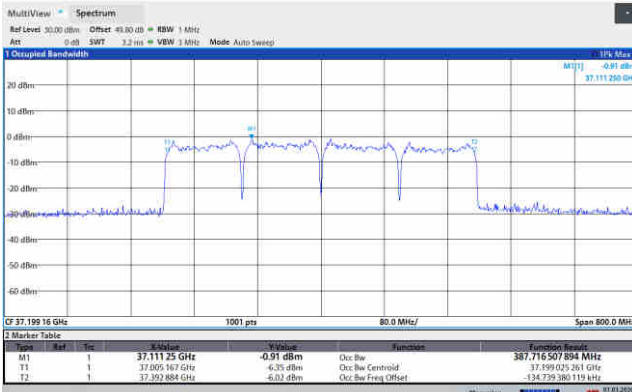
Highest Channel / 100MHz / 64QAM



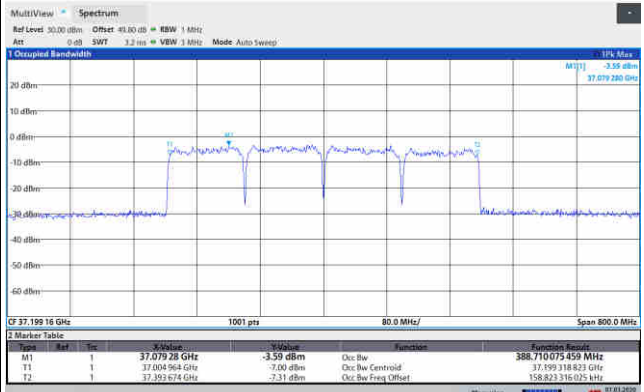
Module 1

NR Band n260

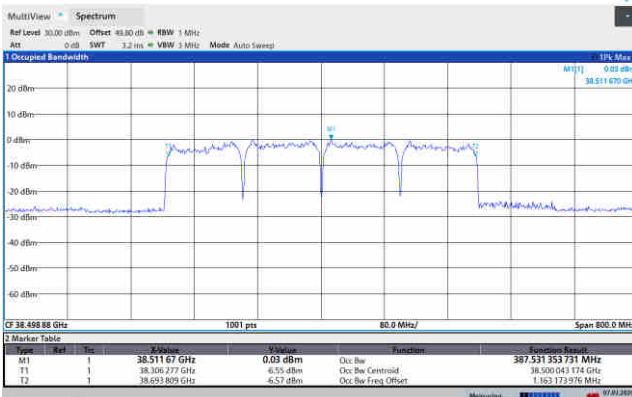
Lowest Channel / 400MHz / QPSK



Lowest Channel / 400MHz / 16QAM



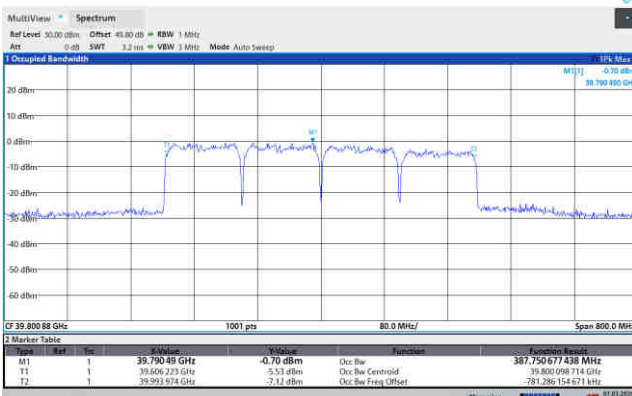
Middle Channel / 400MHz / QPSK



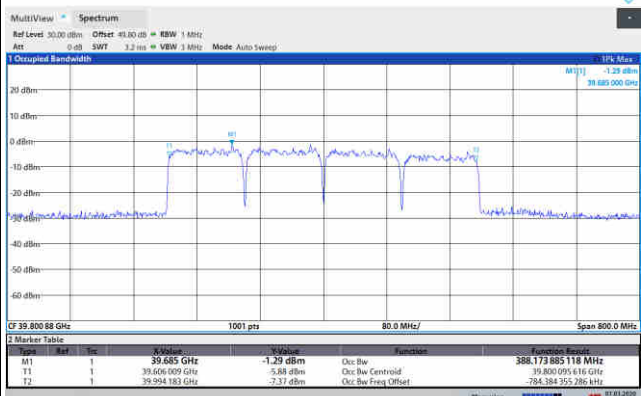
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

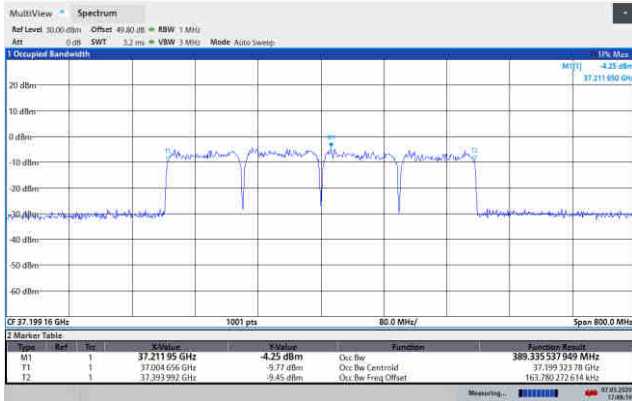




Module 1

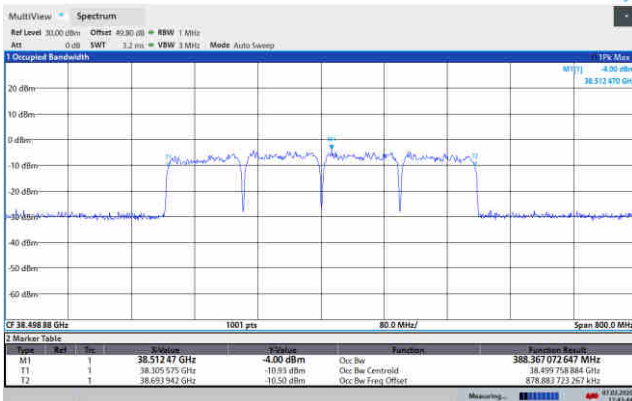
NR Band n260

Lowest Channel / 400MHz / 64QAM



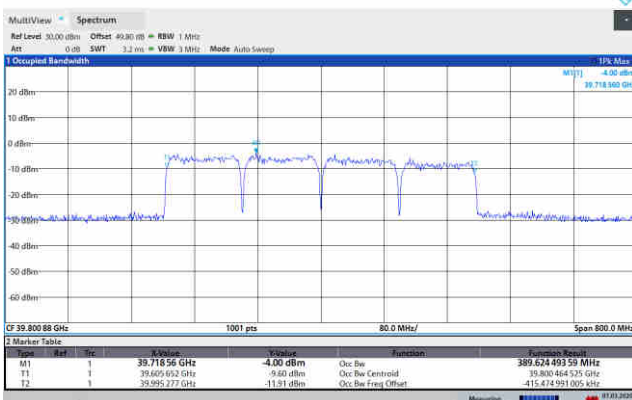
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



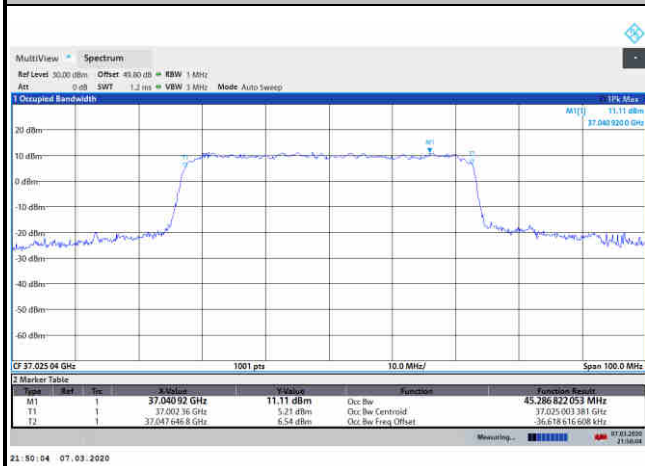
intentionally blank



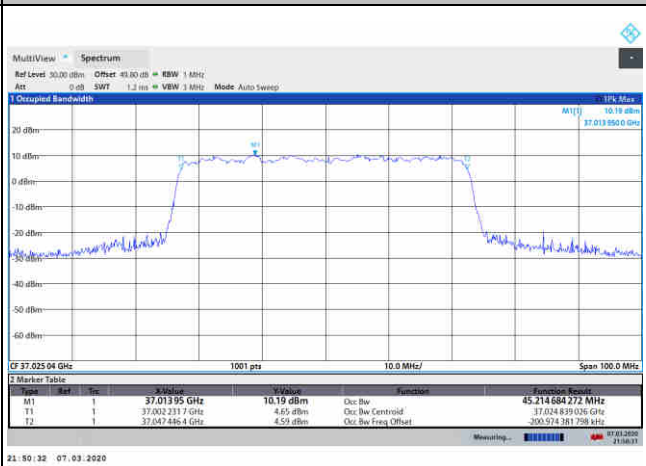
Module 2

NR Band n260

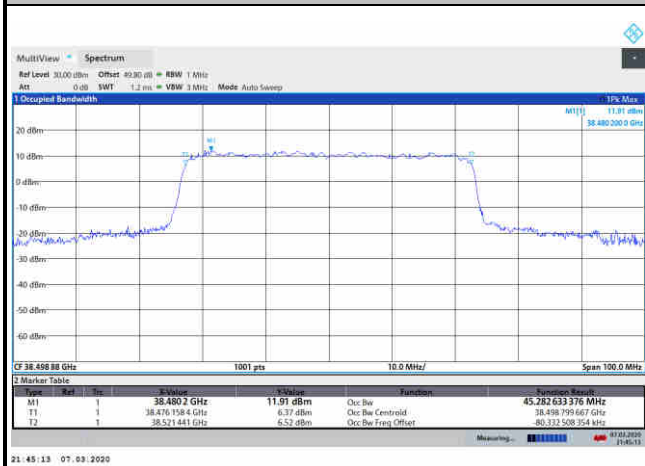
Lowest Channel / 50MHz / QPSK



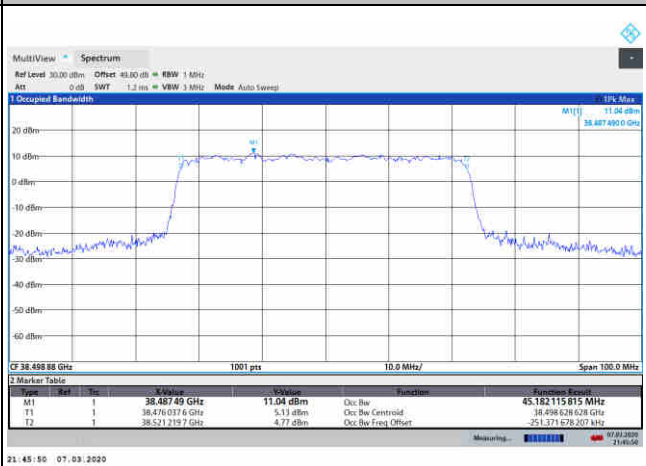
Lowest Channel / 50MHz / 16QAM



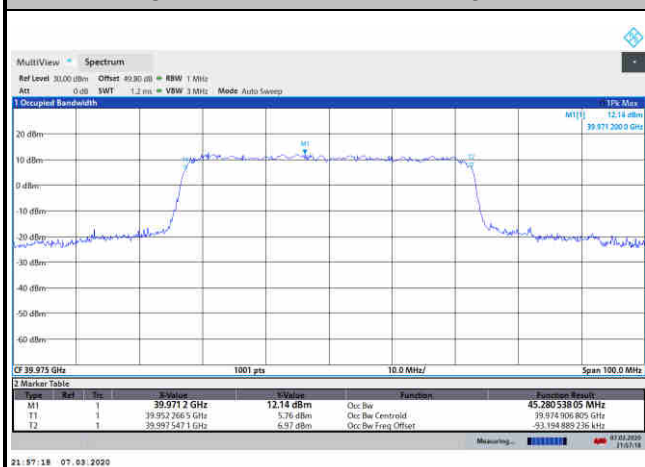
Middle Channel / 50MHz / QPSK



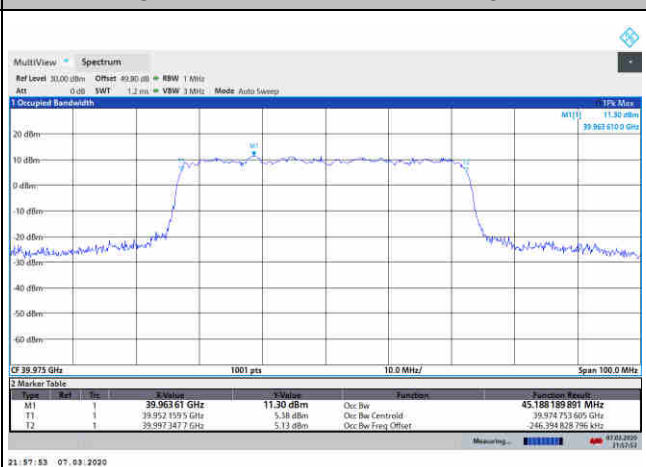
Middle Channel / 50MHz / 16QAM

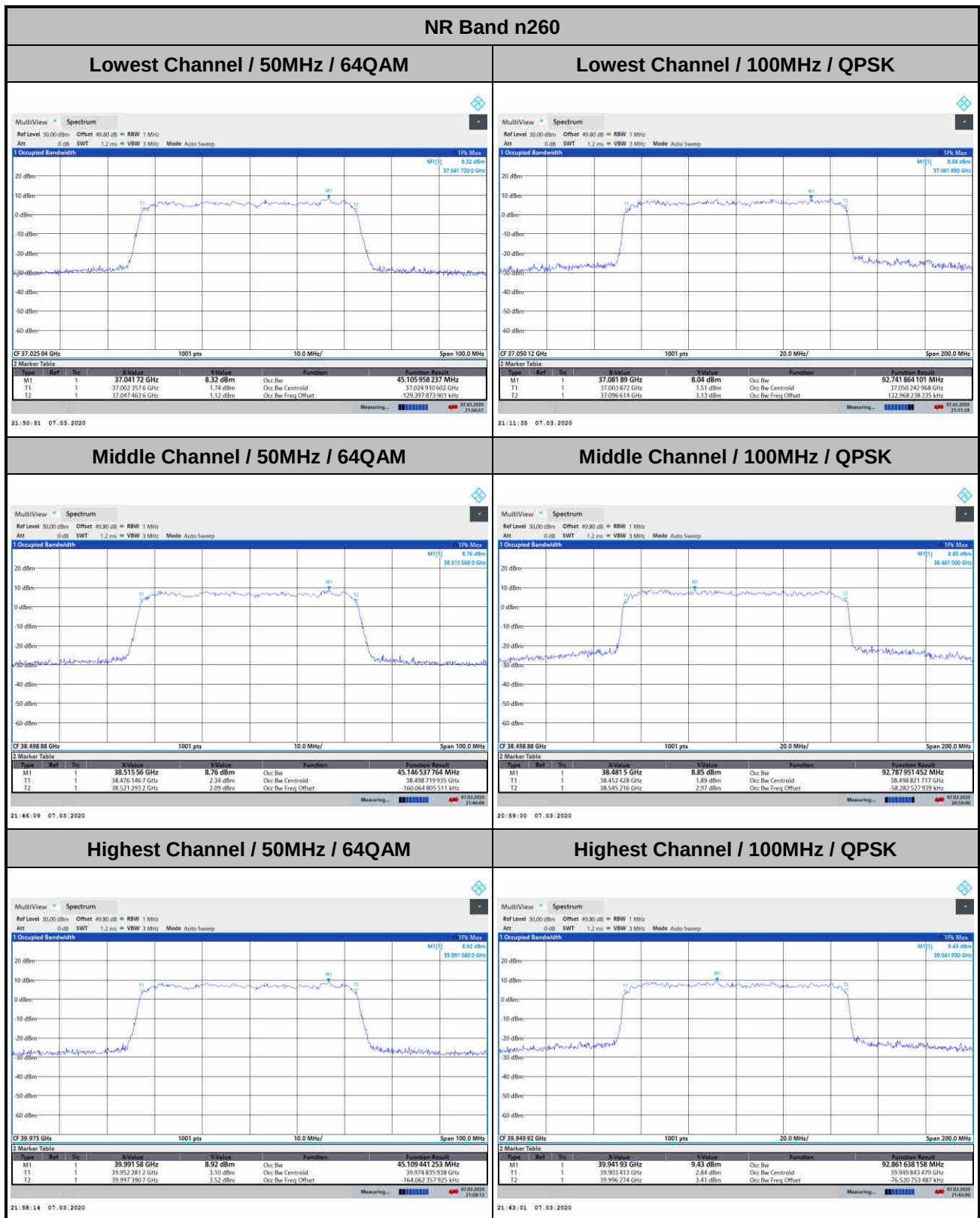


Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM



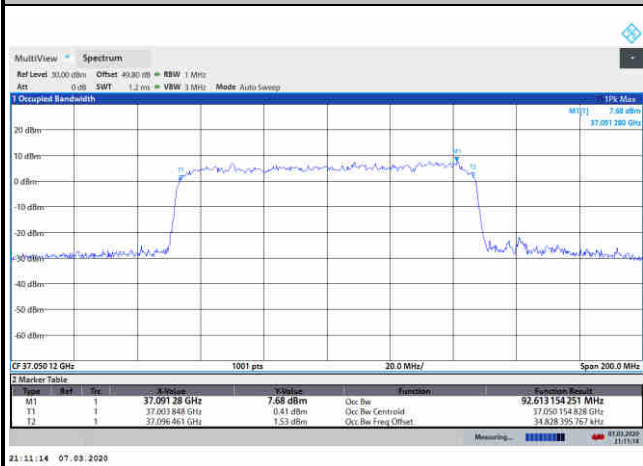




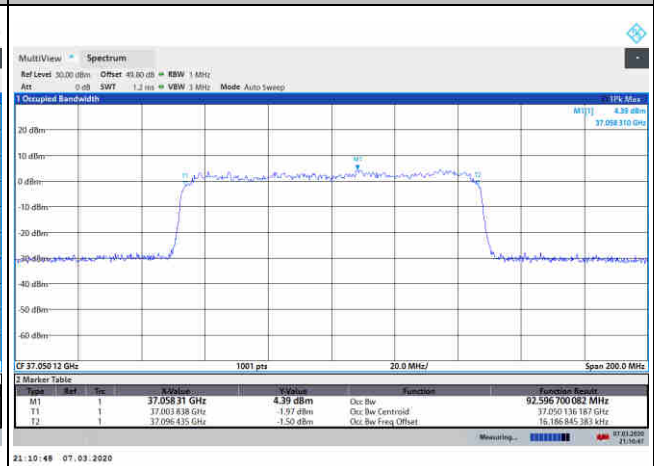
Module 2

NR Band n260

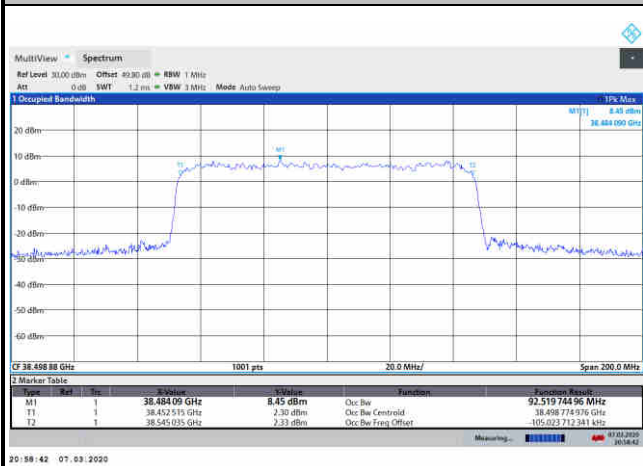
Lowest Channel / 100MHz / 16QAM



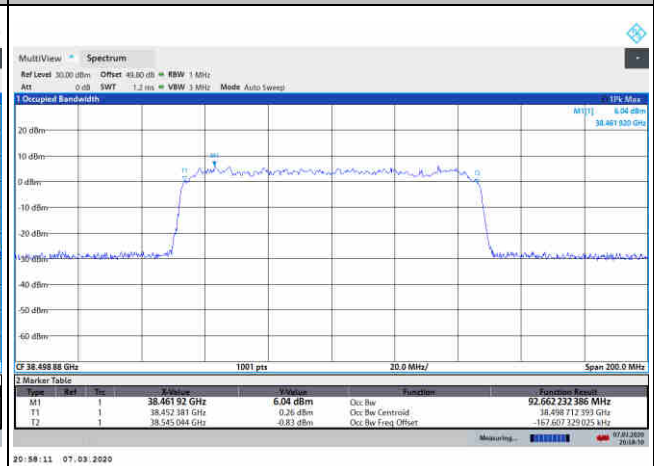
Lowest Channel / 100MHz / 64QAM



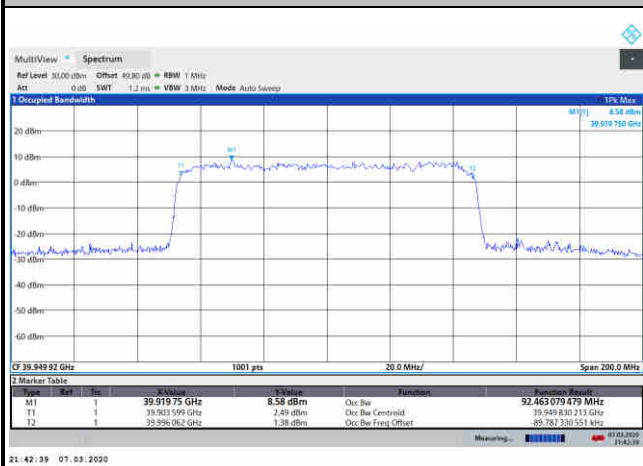
Middle Channel / 100MHz / 16QAM



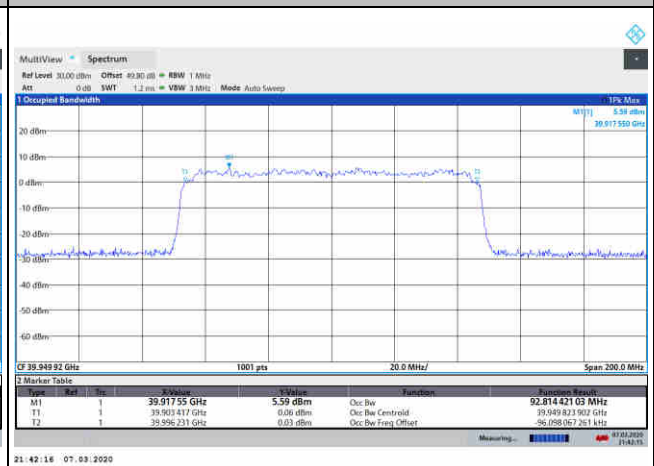
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

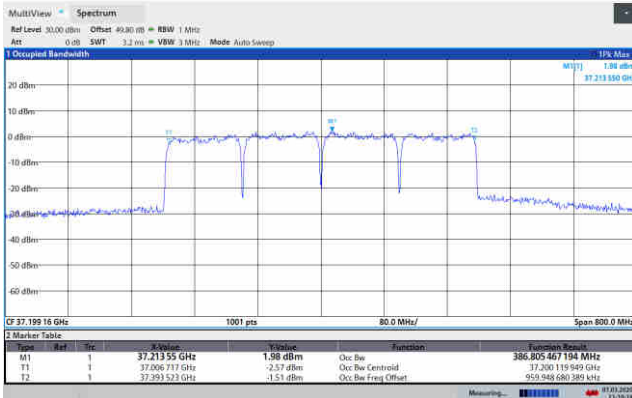




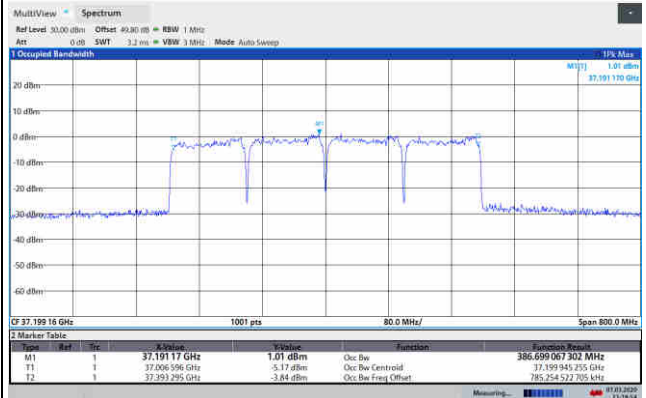
Module 2

NR Band n260

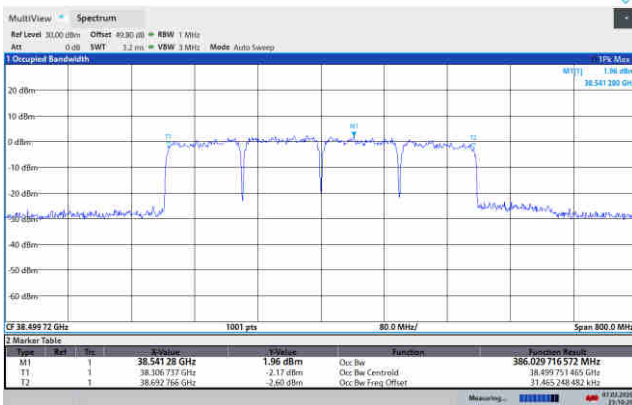
Lowest Channel / 400MHz / QPSK



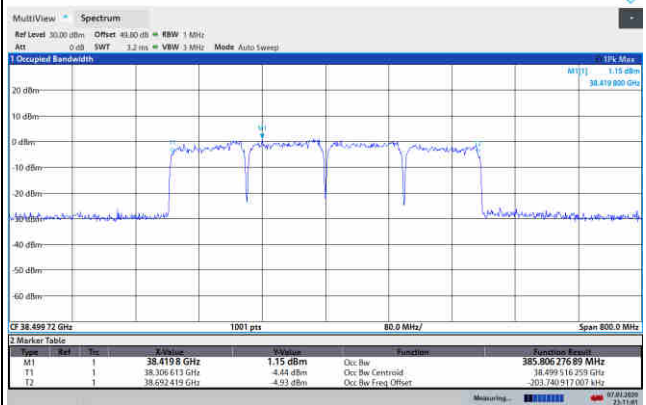
Lowest Channel / 400MHz / 16QAM



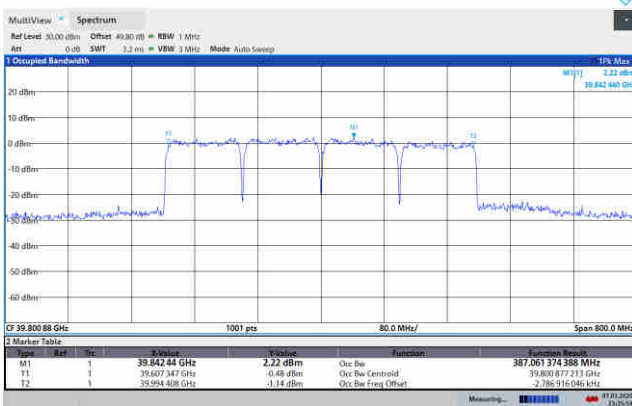
Middle Channel / 400MHz / QPSK



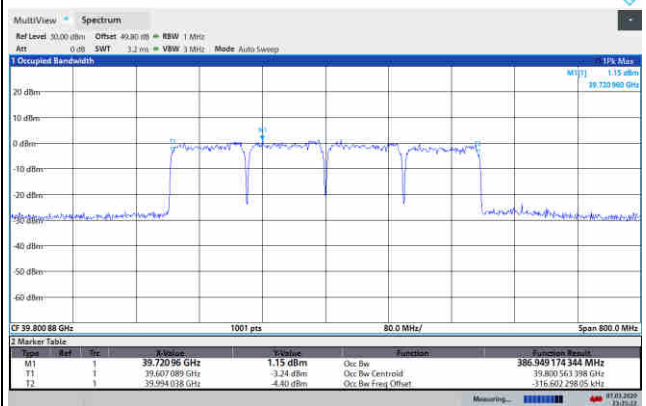
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

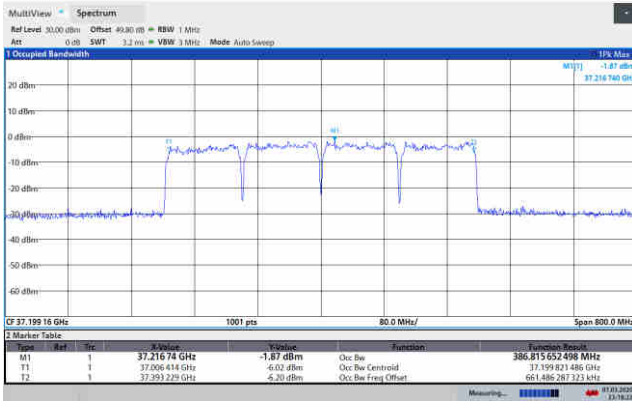




Module 2

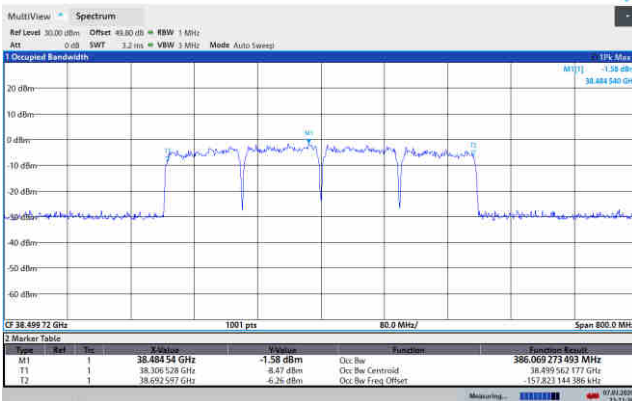
NR Band n260

Lowest Channel / 400MHz / 64QAM



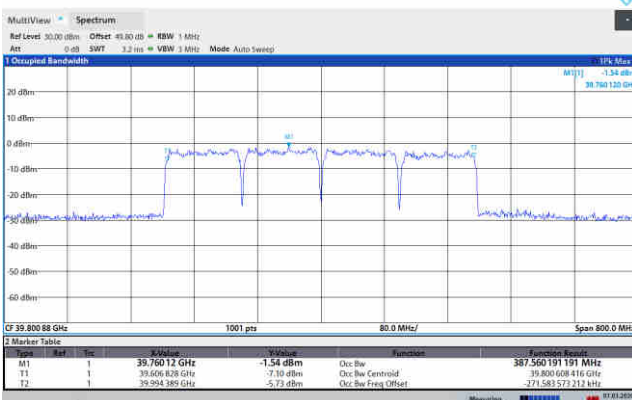
intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



intentionally blank

Radiated Out of Band Emissions

Mode			Module 0 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Mod.			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Limit (dBm)											
Low CH	0~10%OB	≤-5	-11.33	-14.66	-16.98	-14.20	-12.92	-16.84	-33.97	-36.04	-37.69
	>10%OB	≤-13	-29.98	-32.23	-34.05	-30.30	-30.77	-34.94	-34.22	-36.18	-37.68
High CH	0~10%OB	≤-5	-16.36	-17.04	-20.56	-19.47	-18.53	-20.95	-33.98	-35.10	-35.67
	>10%OB	≤-13	-32.24	-32.53	-34.30	-32.08	-33.07	-34.67	-34.64	-35.48	-35.86
Result			Compliance								

Mode			Module 1 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-16.11	-16.42	-22.72	-20.45	-18.54	-22.32	-37.89	-38.32	-38.78
	>10%OB	≤-13	-32.65	-32.69	-35.72	-32.32	-32.54	-35.78	-38.02	-37.84	-37.69
High CH	0~10%OB	≤-5	-18.56	-18.51	-23.61	-20.99	-19.74	-23.77	-34.82	-35.81	-36.35
	>10%OB	≤-13	-29.88	-30.49	-33.09	-32.70	-33.22	-34.79	-35.47	-35.75	-35.98
Result			Compliance								

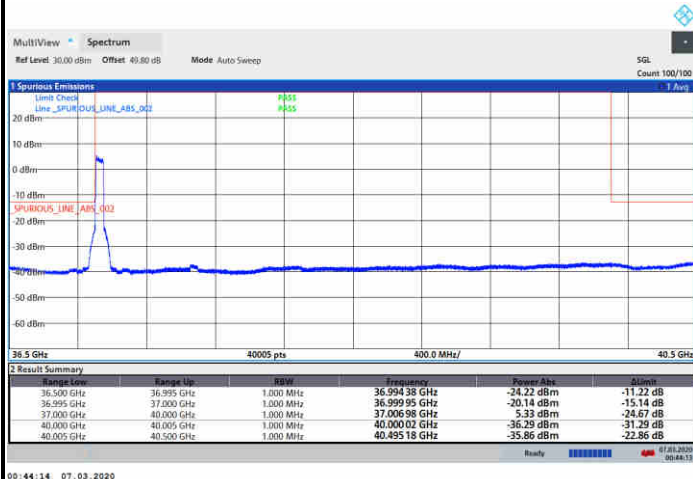
Mode			Module 2 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-12.76	-15.35	-19.64	-15.77	-17.09	-20.03	-36.73	-37.95	-38.25
	>10%OB	≤-13	-32.68	-32.92	-35.53	-32.06	-33.14	-35.64	-37.06	-37.91	-38.13
High CH	0~10%OB	≤-5	-16.73	-17.67	-22.01	-17.37	-18.12	-20.78	-33.13	-35.32	-35.92
	>10%OB	≤-13	-29.39	-30.48	-32.24	-29.16	-30.15	-31.42	-34.07	-36.04	-35.92
Result			Compliance								



Module 0

NR Band n260 / 50MHz / QPSK

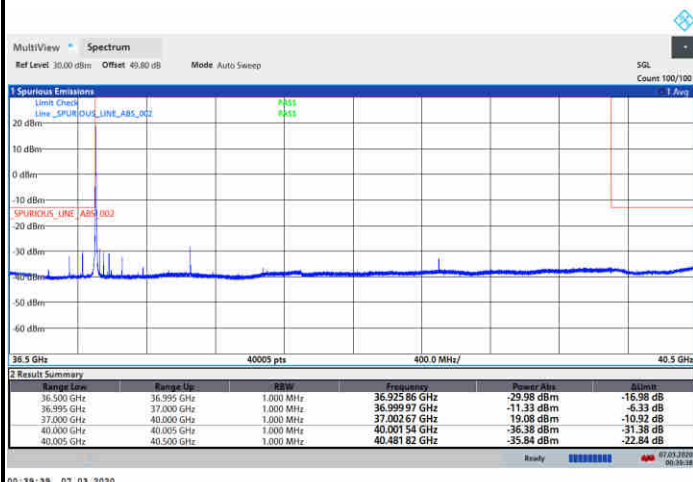
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



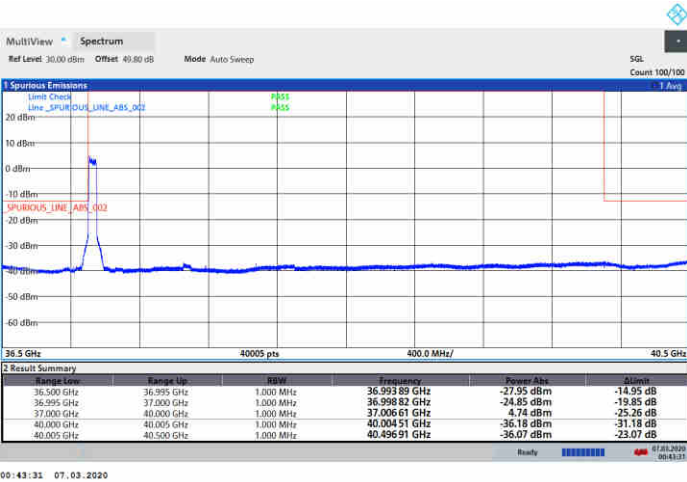
Highest Band Edge / 1 RB





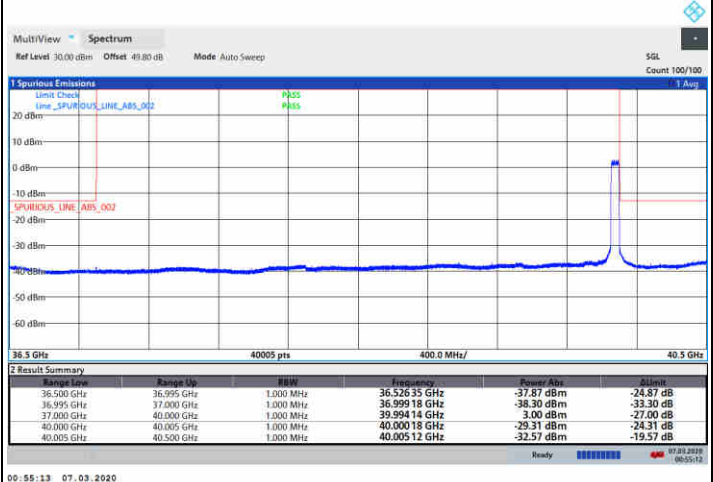
NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB



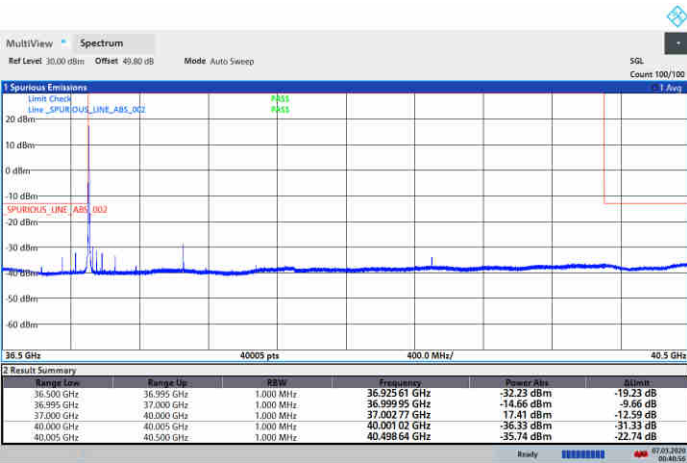
00:43:31 07.03.2020

Highest Band Edge / Full RB



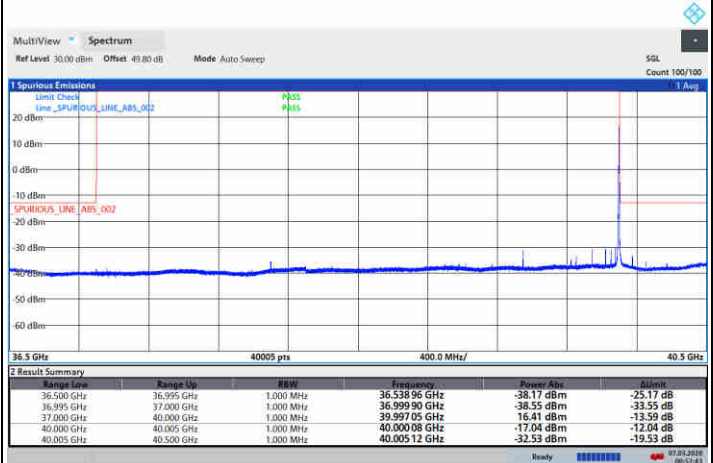
00:55:13 07.03.2020

Lowest Band Edge / 1 RB



00:40:57 07.03.2020

Highest Band Edge / 1 RB



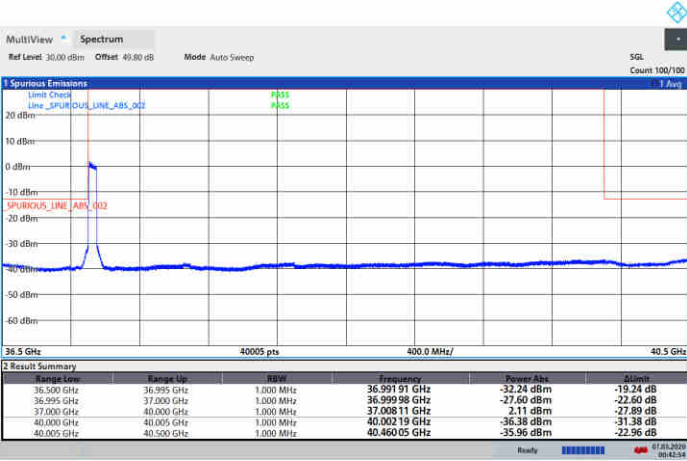
00:52:43 07.03.2020



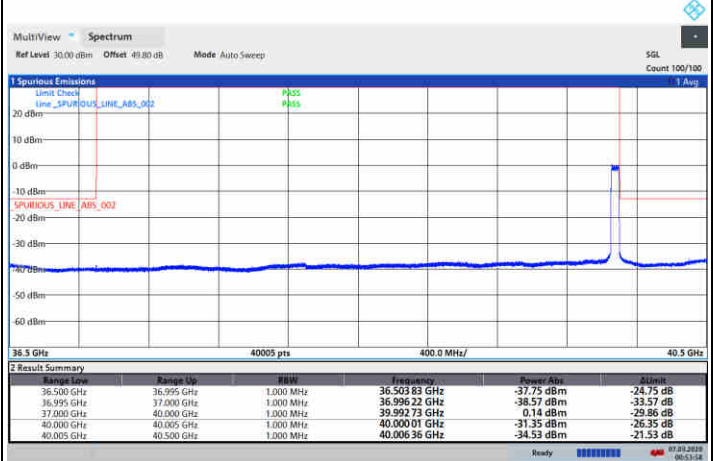
Module 0

NR Band n260 / 50MHz / 64QAM

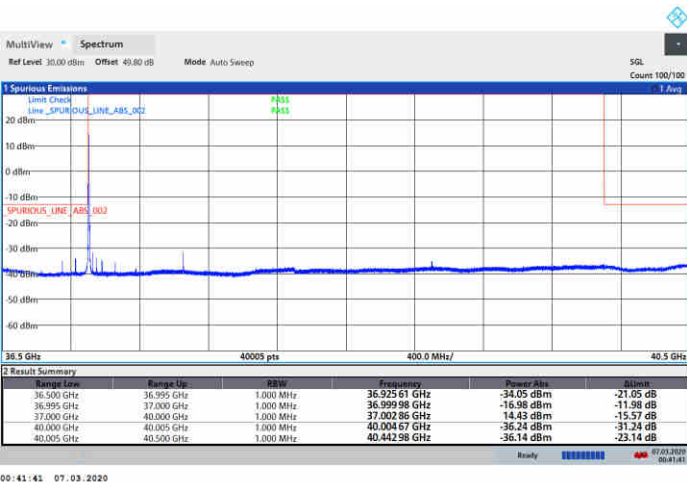
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



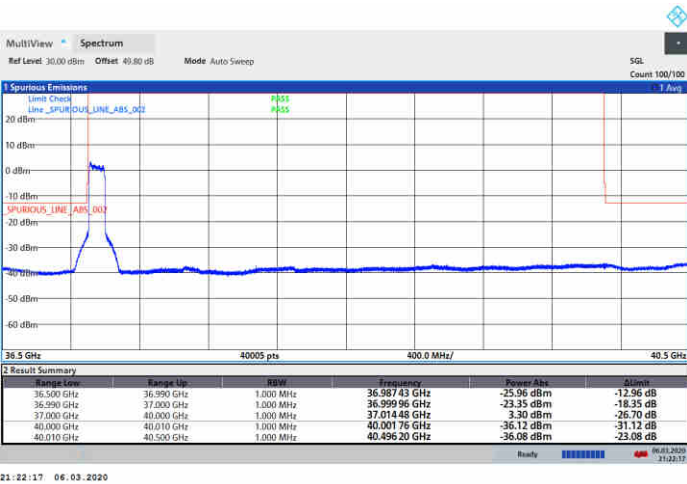
Highest Band Edge / 1 RB





NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB



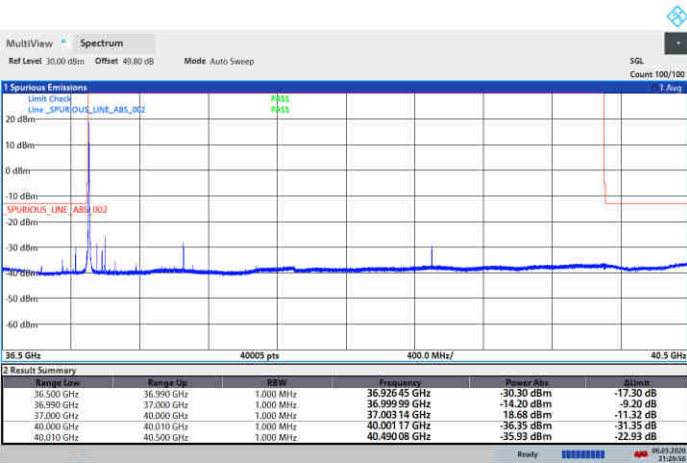
21:22:17 06.03.2020

Highest Band Edge / Full RB



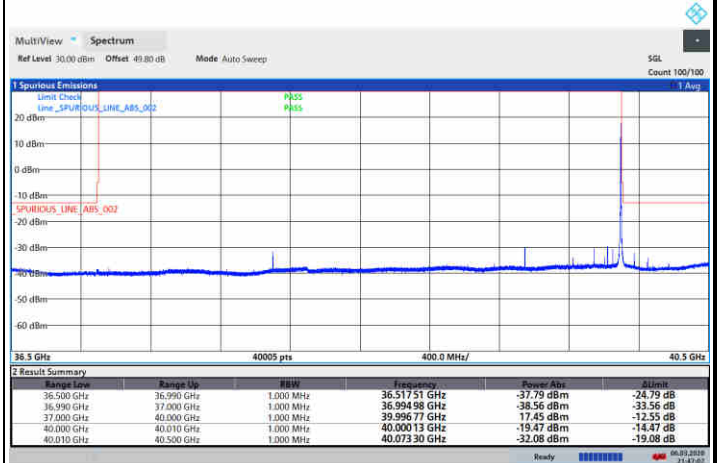
21:42:36 06.03.2020

Lowest Band Edge / 1 RB



21:29:56 06.03.2020

Highest Band Edge / 1 RB



21:47:08 06.03.2020