

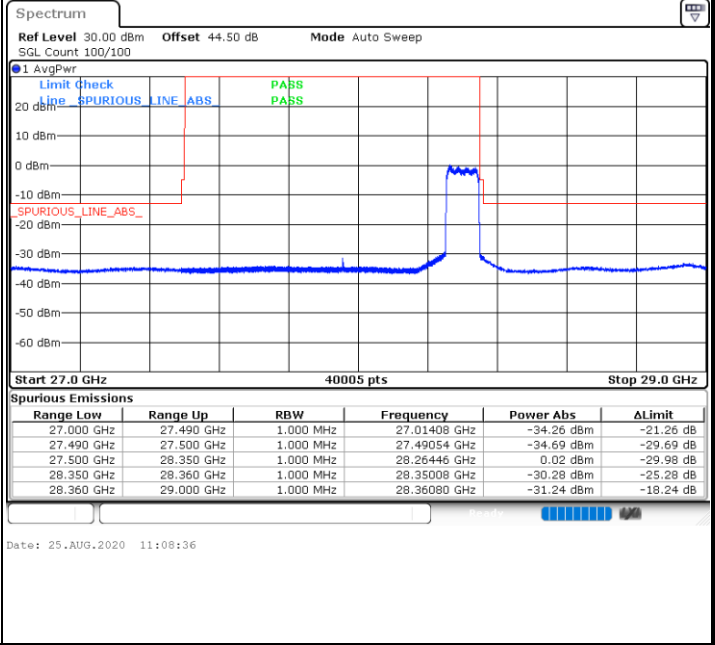
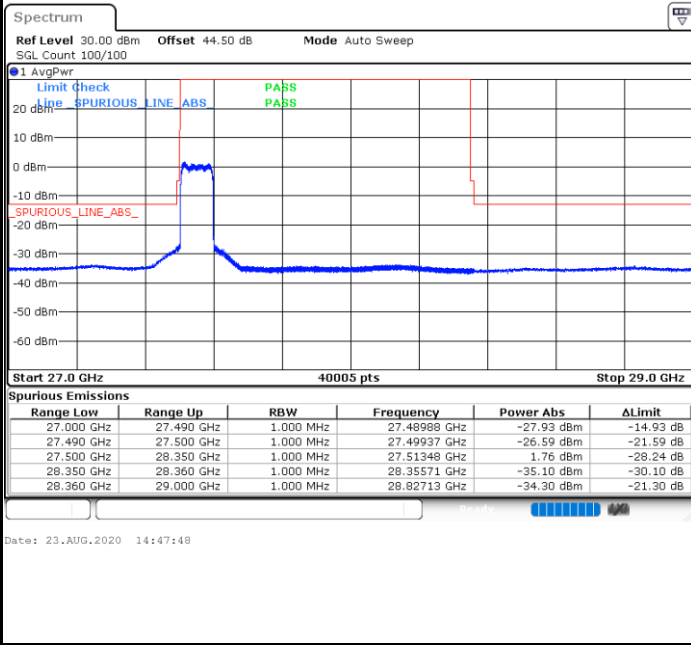


CP-OFDM Module 1

NR Band n261/ 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



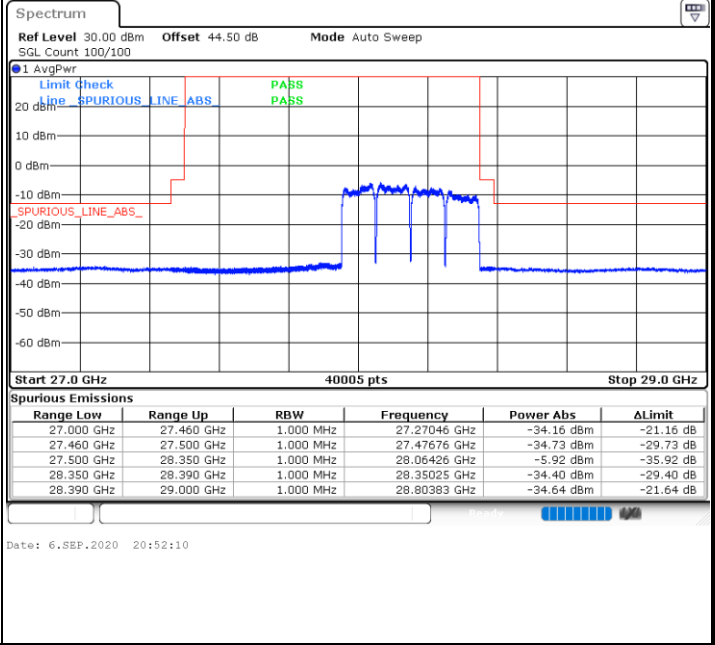
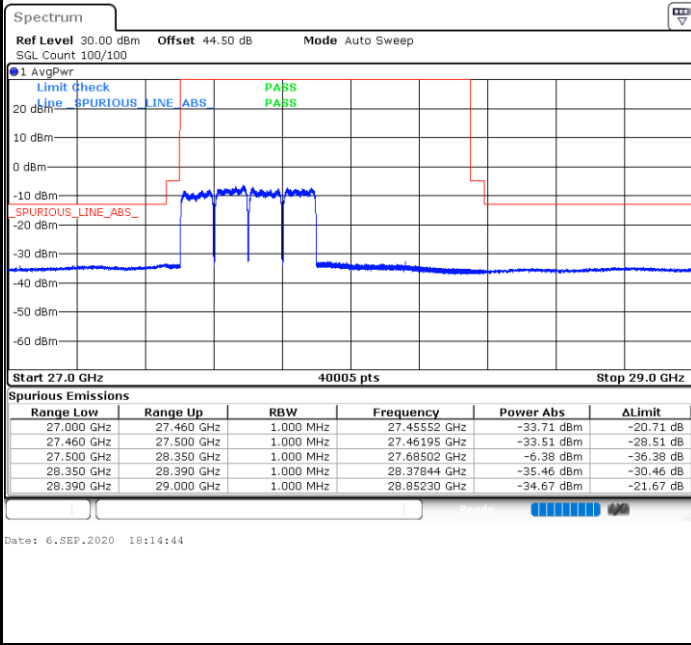


CP-OFDM Module 1

NR Band n261/ 400MHz / QPSK

Lowest Band Edge / Full RB

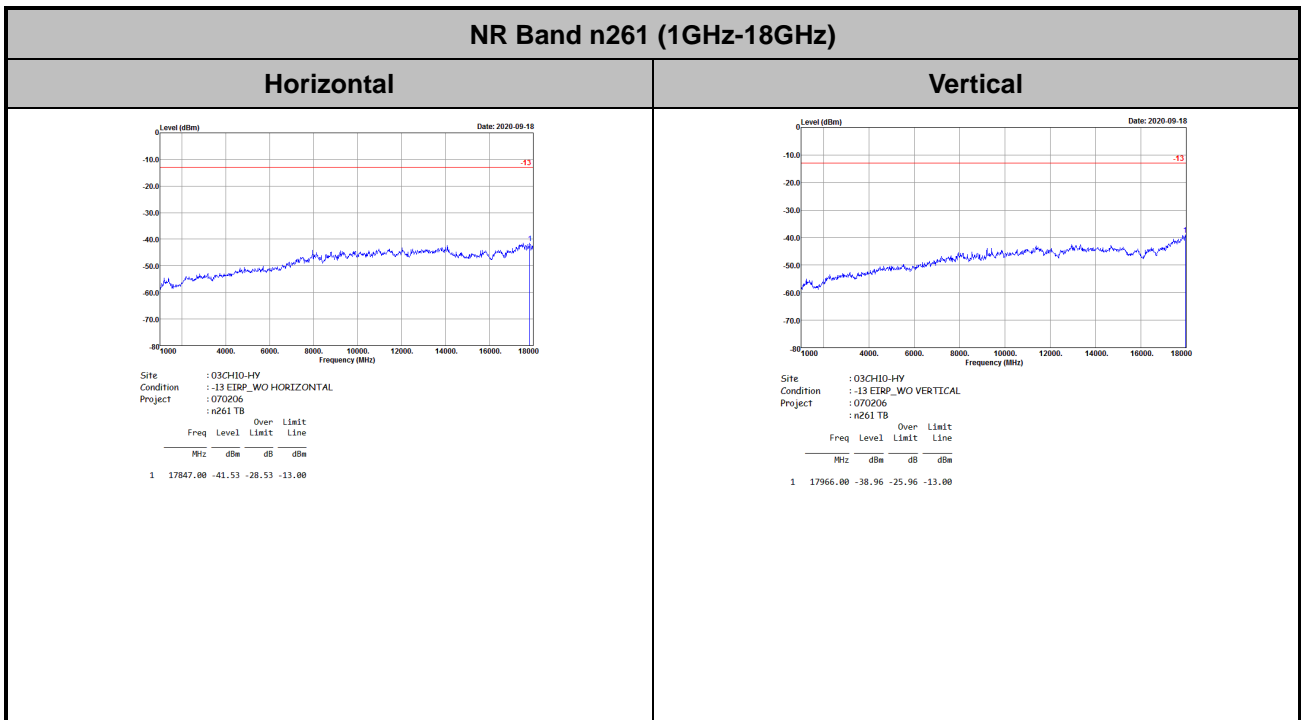
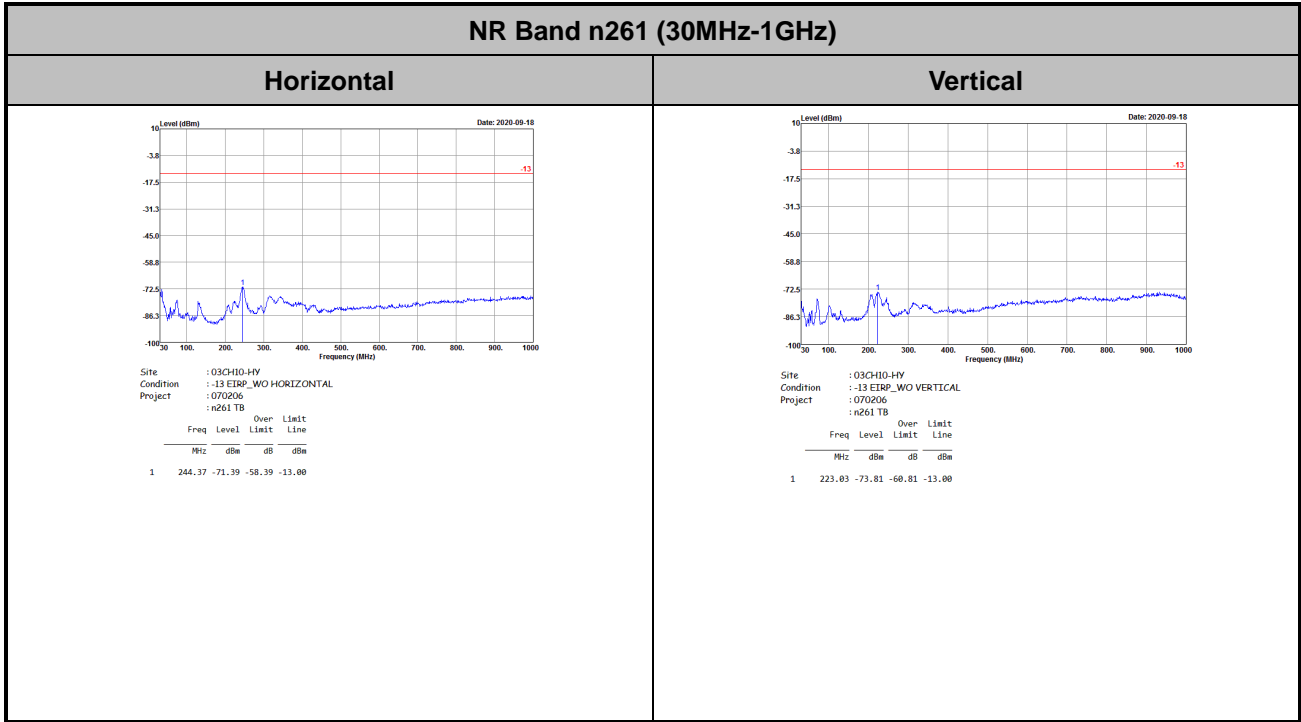
Highest Band Edge / Full RB





Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz. Only the noise floor is reported.



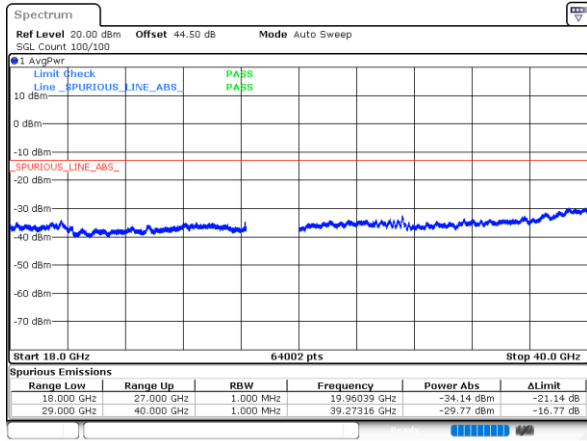


Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 1

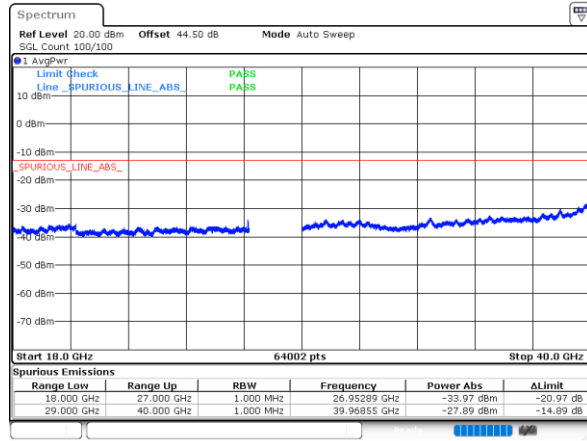
NR Band n261BPSK (18-40GHz)

Lowest Channel / 50MHz



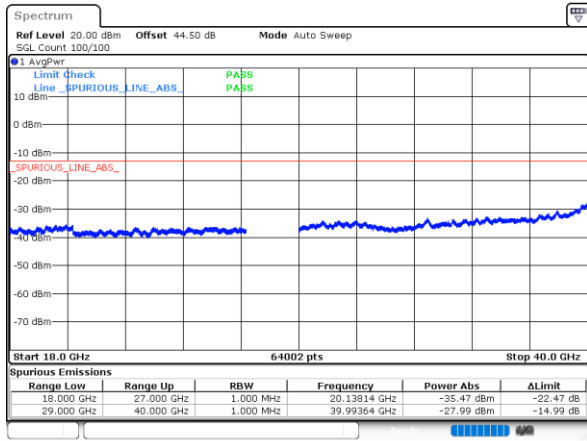
Date: 25.AUG.2020 09:48:49

Lowest Channel / 100MHz



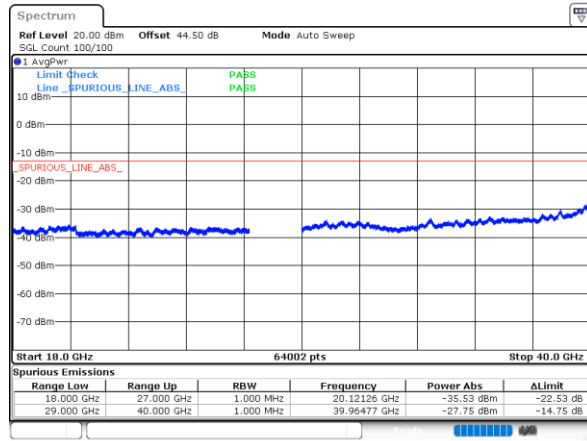
Date: 23.AUG.2020 14:31:11

Middle Channel / 50MHz



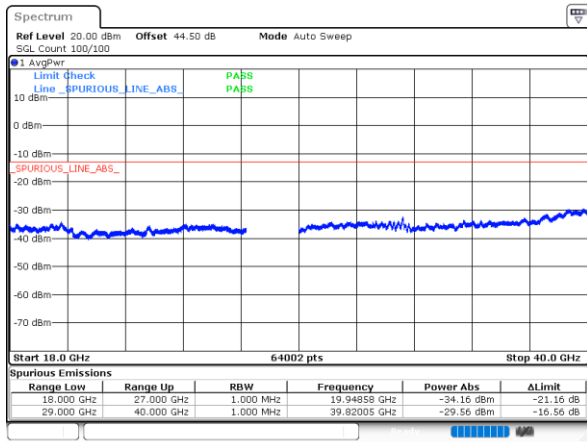
Date: 21.AUG.2020 17:25:42

Middle Channel / 100MHz



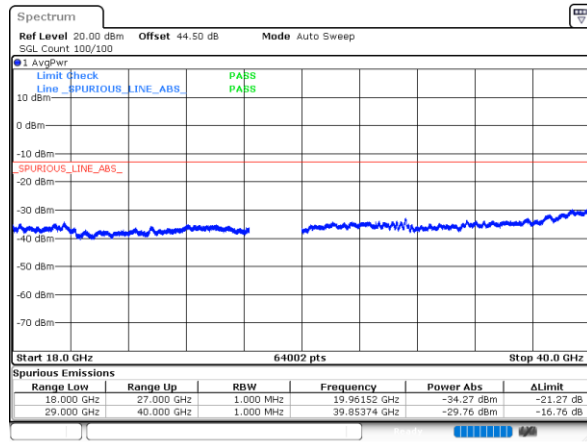
Date: 18.AUG.2020 21:27:28

Highest Channel / 50MHz



Date: 25.AUG.2020 18:59:49

Highest Channel / 100MHz



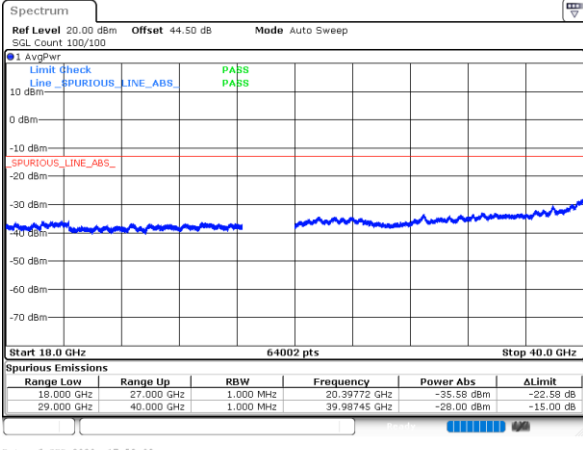
Date: 25.AUG.2020 10:56:36



DFT-s-OFDM Module 1

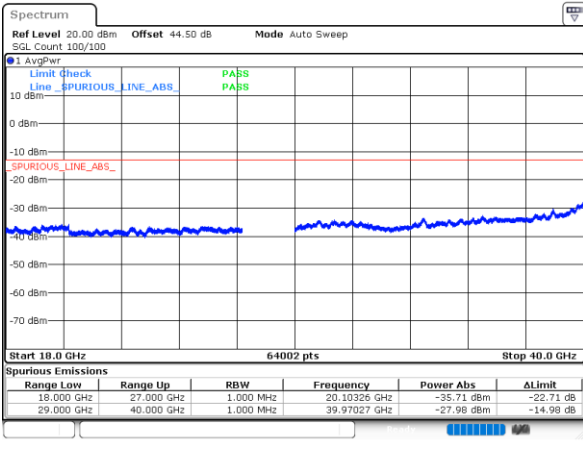
NR Band n261BPSK (18-40GHz)

Lowest Channel / 400MHz



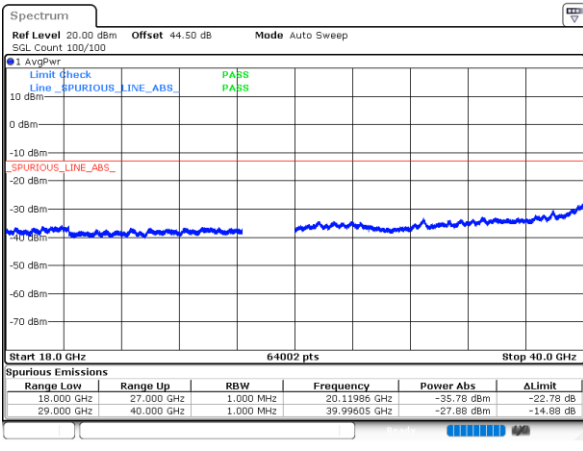
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



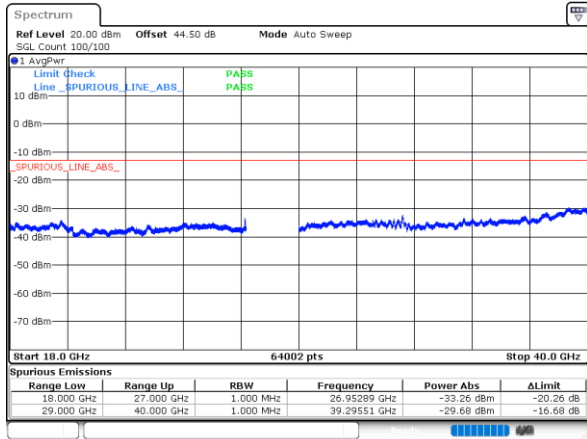
intentionally blank



DFT-s-OFDM Module 1

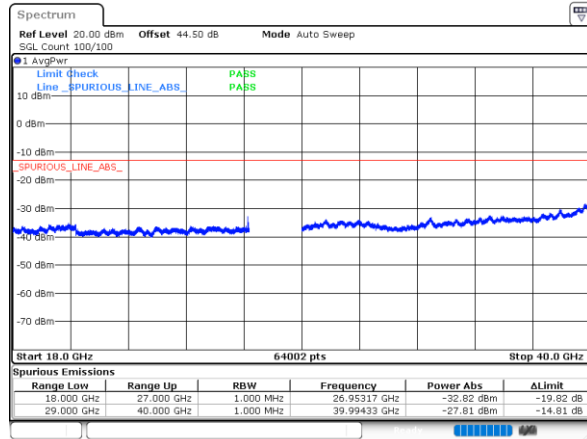
NR Band n261QPSK (18-40GHz)

Lowest Channel / 50MHz



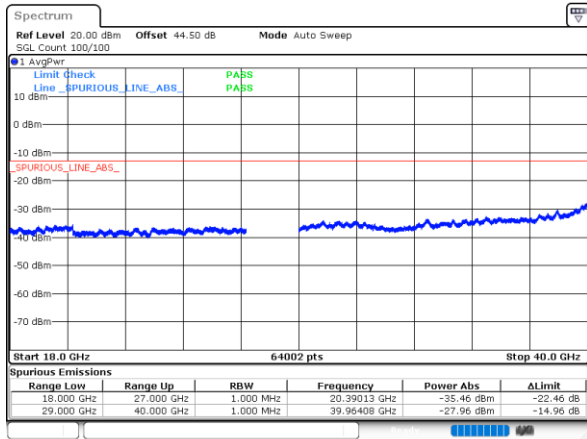
Date: 25_AUG.2020 09:41:19

Lowest Channel / 100MHz



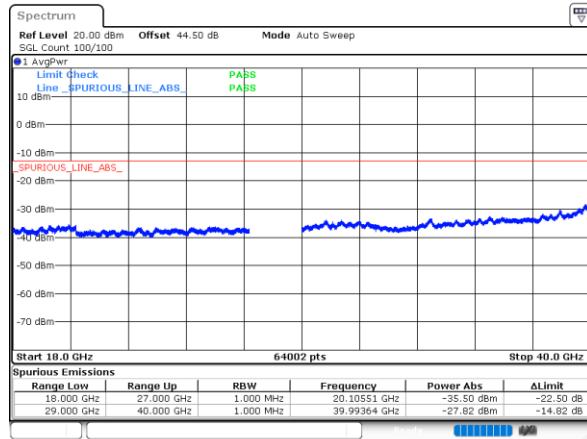
Date: 23_AUG.2020 14:33:35

Middle Channel / 50MHz



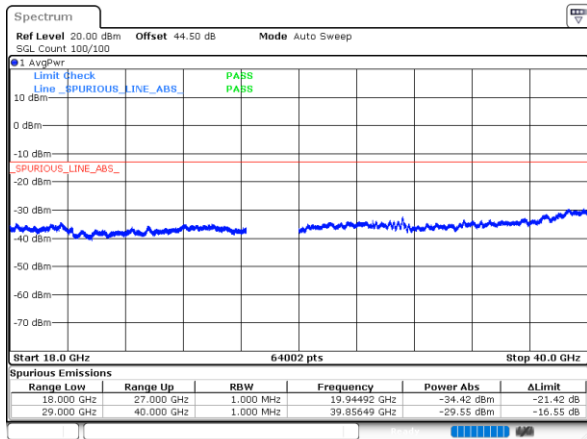
Date: 21_AUG.2020 17:26:45

Middle Channel / 100MHz



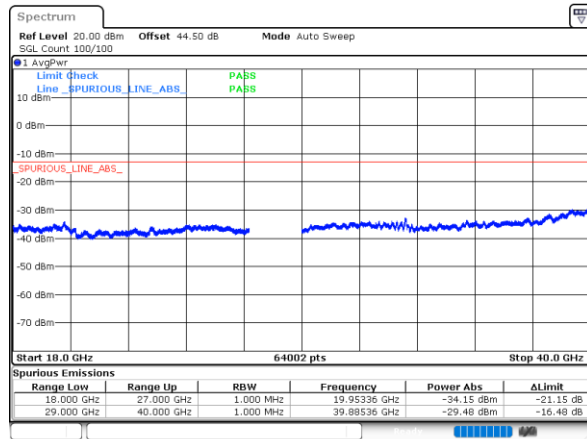
Date: 18_AUG.2020 21:26:35

Highest Channel / 50MHz



Date: 25_AUG.2020 19:03:46

Highest Channel / 100MHz



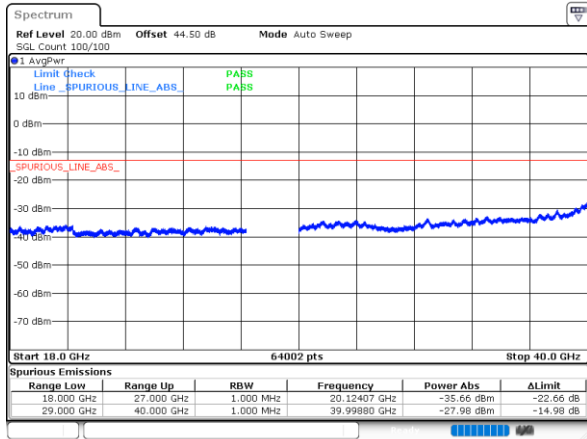
Date: 25_AUG.2020 10:53:55



DFT-s-OFDM Module 1

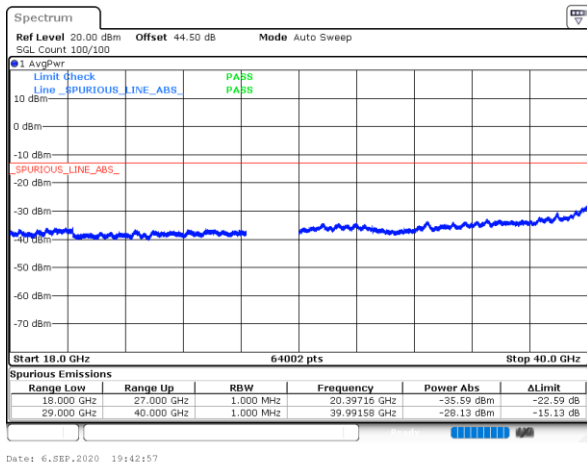
NR Band n261QPSK (18-40GHz)

Lowest Channel / 400MHz



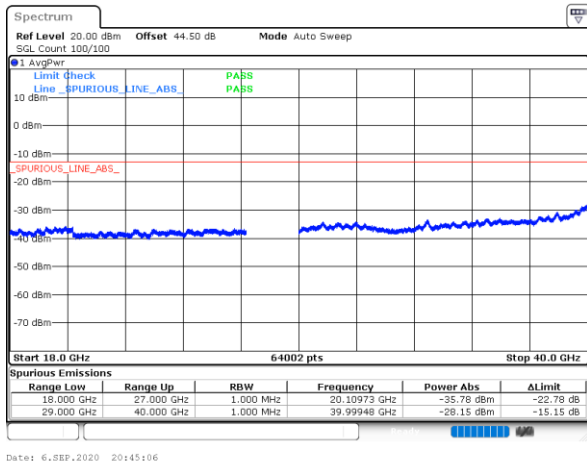
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



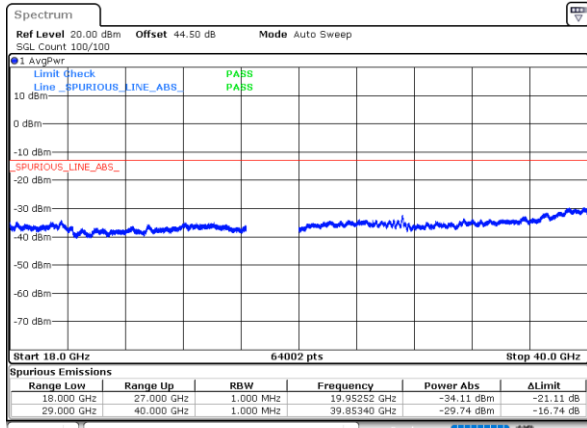
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CP-OFDM Module 1

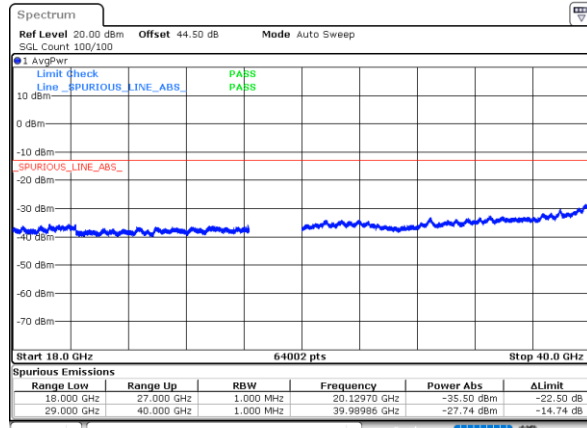
NR Band n261QPSK (18-40GHz)

Lowest Channel / 50MHz



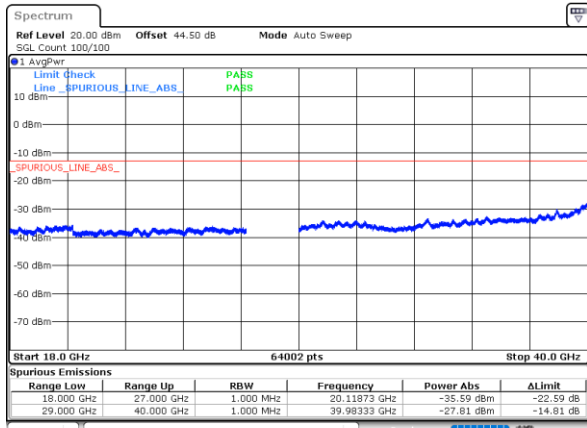
Date: 25.AUG.2020 09:56:06

Lowest Channel / 100MHz



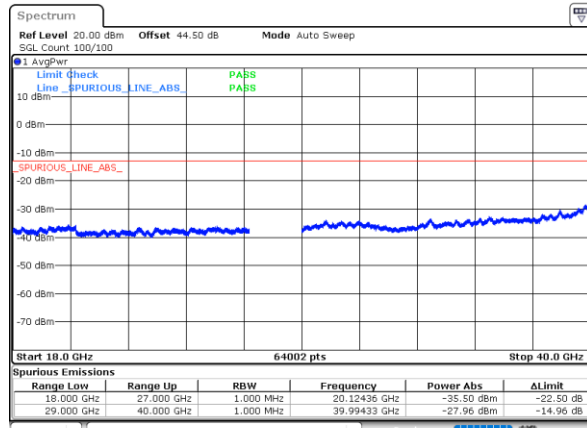
Date: 23.AUG.2020 14:54:37

Middle Channel / 50MHz



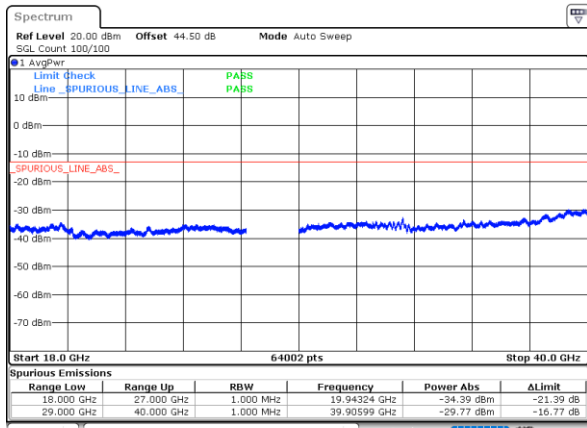
Date: 21.AUG.2020 17:28:11

Middle Channel / 100MHz



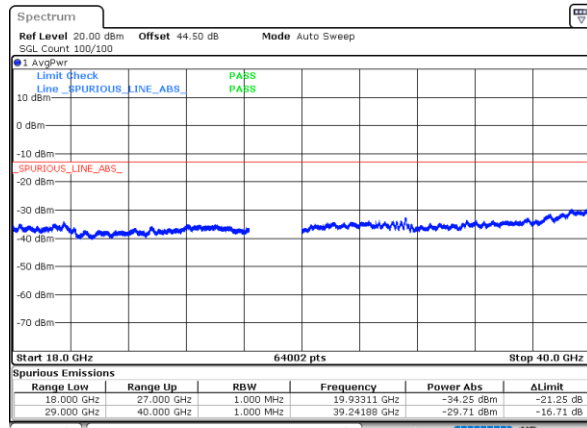
Date: 18.AUG.2020 21:54:19

Highest Channel / 50MHz



Date: 25.AUG.2020 20:26:34

Highest Channel / 100MHz



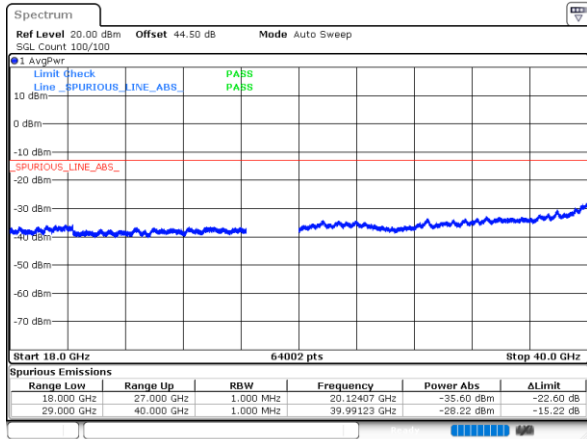
Date: 25.AUG.2020 11:13:11



CP-OFDM Module 1

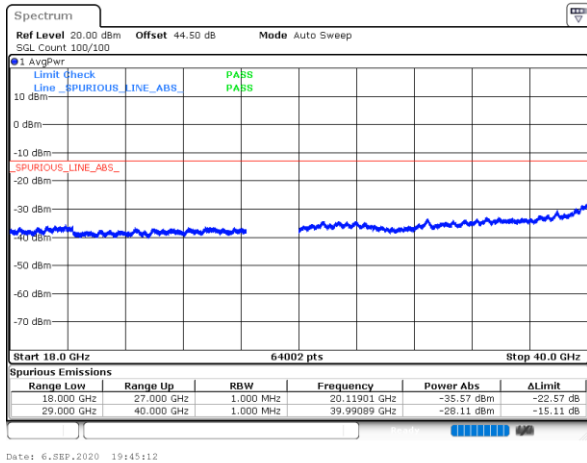
NR Band n261QPSK (18-40GHz)

Lowest Channel / 400MHz



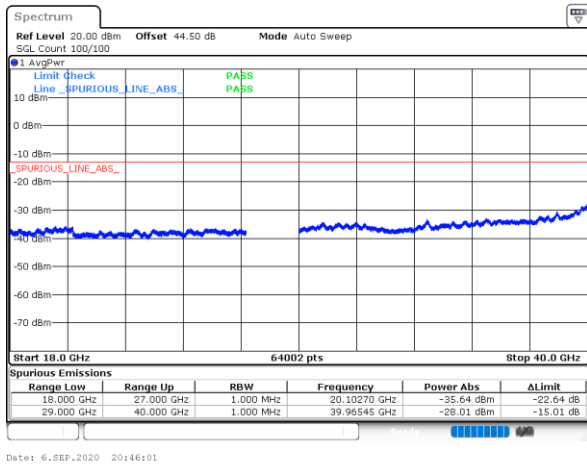
intentionally blank

Middle Channel / 400MHz



intentionally blank

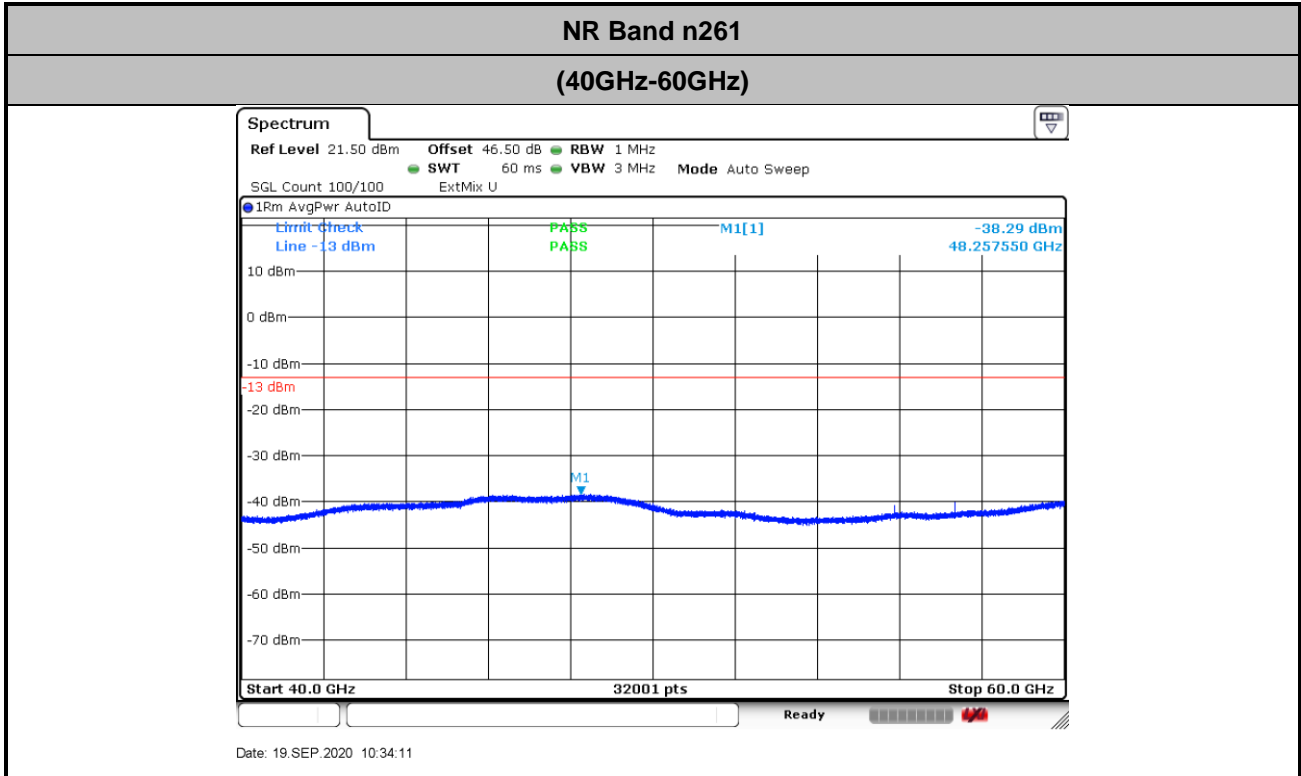
Highest Channel / 400MHz



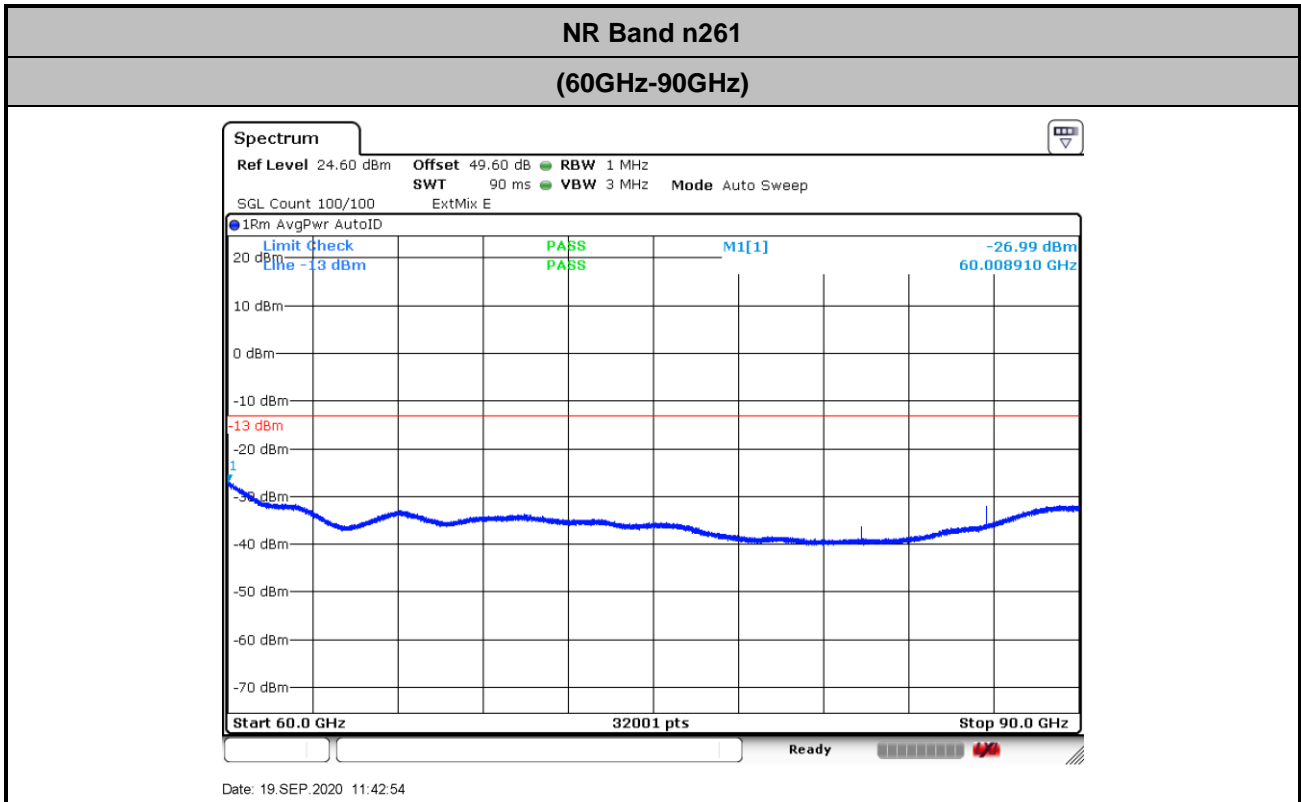
intentionally blank



There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

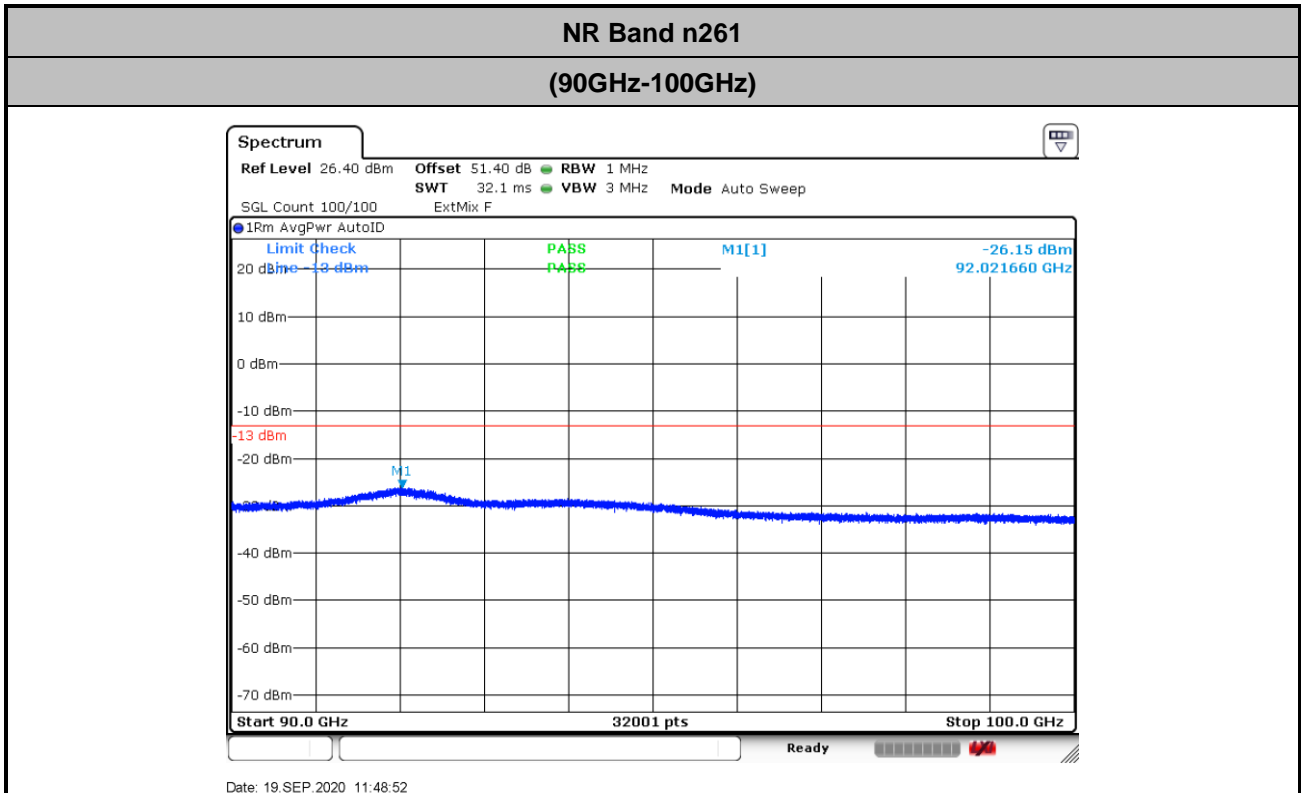


$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



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

$$= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 47.2 + 2 + 107 + 20\log(1) - 104.8 = 51.4 \text{ (dB)} \end{aligned}$$



NR Band n261 Module 2 AG0

Occupied Bandwidth

Mode	DFT-s-OFDM Module 2 NR Band n261 : 99%OBW(MHz)											
BW	50MHz				100MHz				400MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.16	45.12	-	-	90.52	90.68	-	-	387.68	387.04	-	-
Middle CH	45.32	45.32	45.26	45.30	90.68	90.12	90.20	90.68	387.36	386.40	386.24	387.84
Highest CH	45.14	45.14	-	-	90.56	90.56	-	-	387.20	386.72	-	-

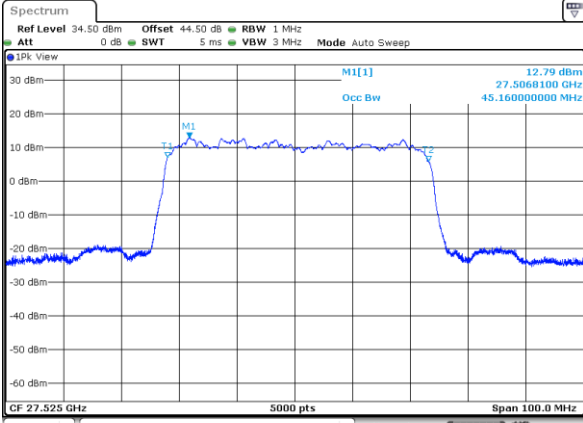
Mode	CP-OFDM Module 2 NR Band n261 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	-	-	93.04	-	-	388.48	-	-
Middle CH	45.26	45.38	45.12	92.48	92.84	92.88	388.16	389.44	390.72
Highest CH	45.20	-	-	92.76	-	-	387.84	-	-



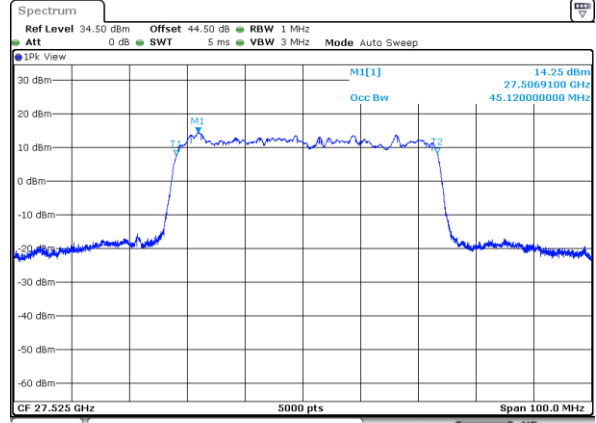
DFT-s-OFDM Module 2

NR Band n261

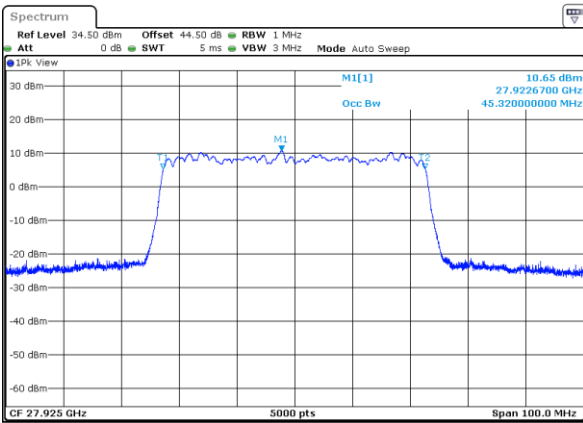
Lowest Channel / 50MHz / BPSK



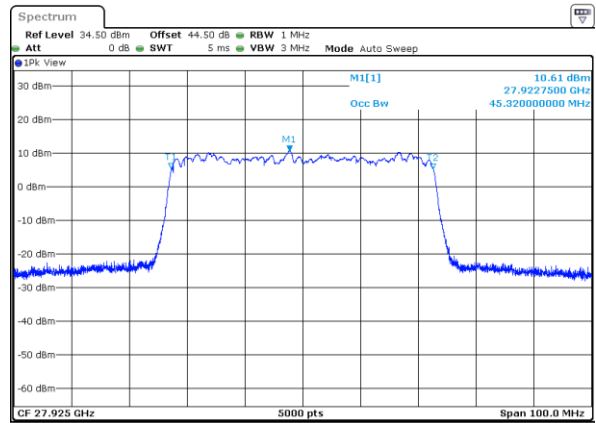
Lowest Channel / 50MHz / QPSK



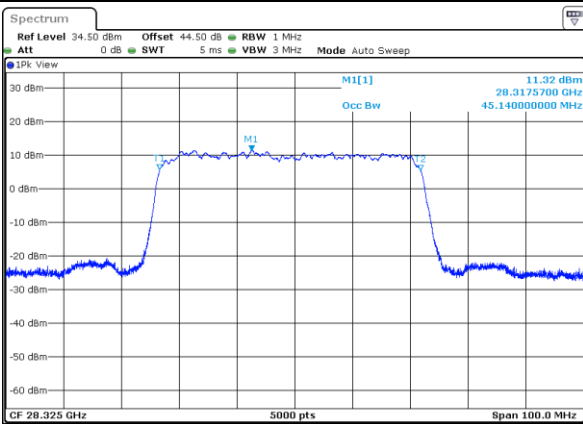
Middle Channel / 50MHz / BPSK



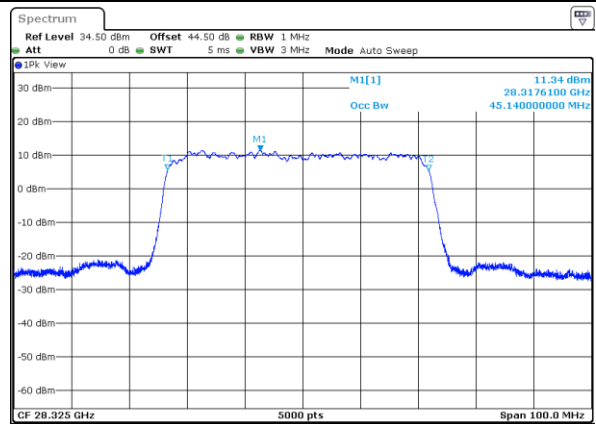
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK

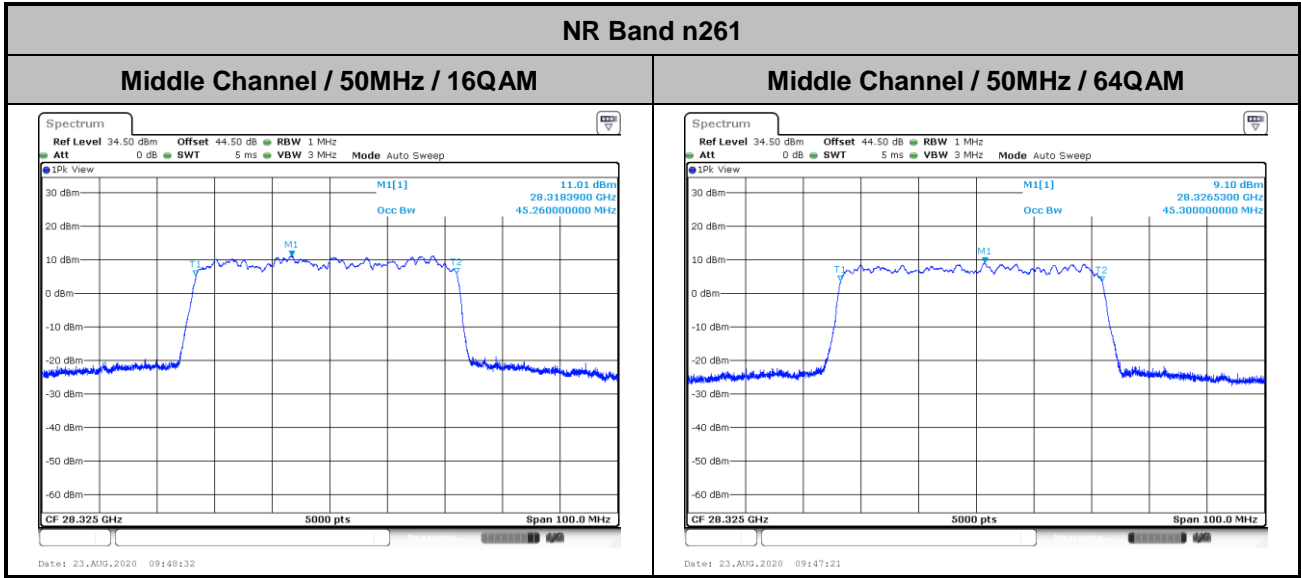


Highest Channel / 50MHz / QPSK





DFT-s-OFDM Module 2

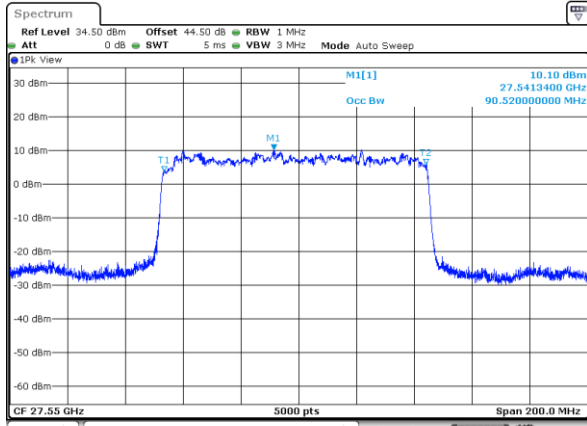




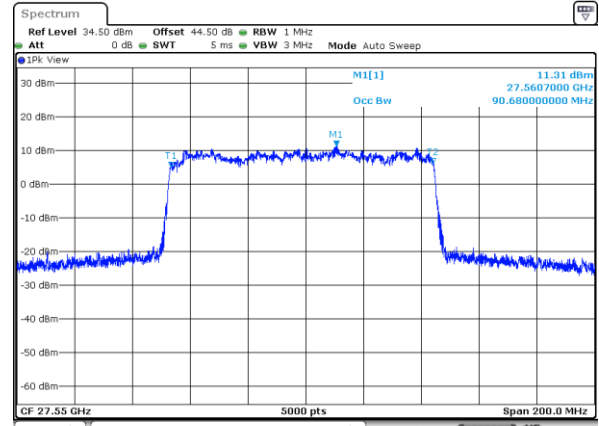
DFT-s-OFDM Module 2

NR Band n261

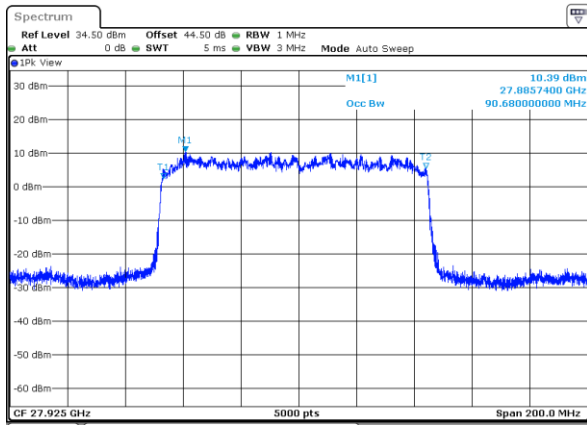
Lowest Channel / 100MHz / BPSK



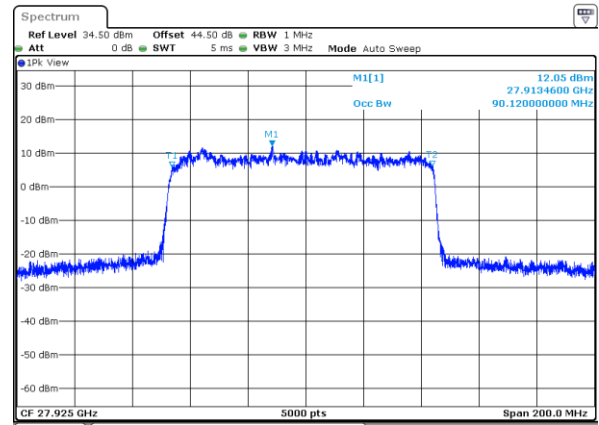
Lowest Channel / 100MHz / QPSK



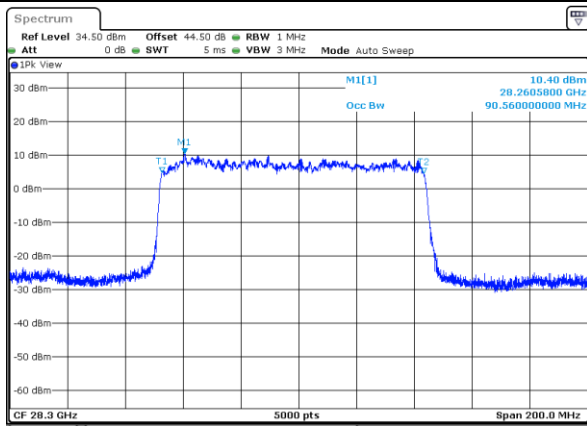
Middle Channel / 100MHz / BPSK



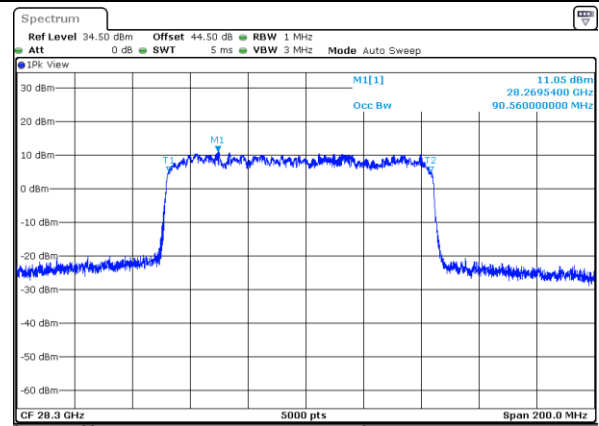
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK

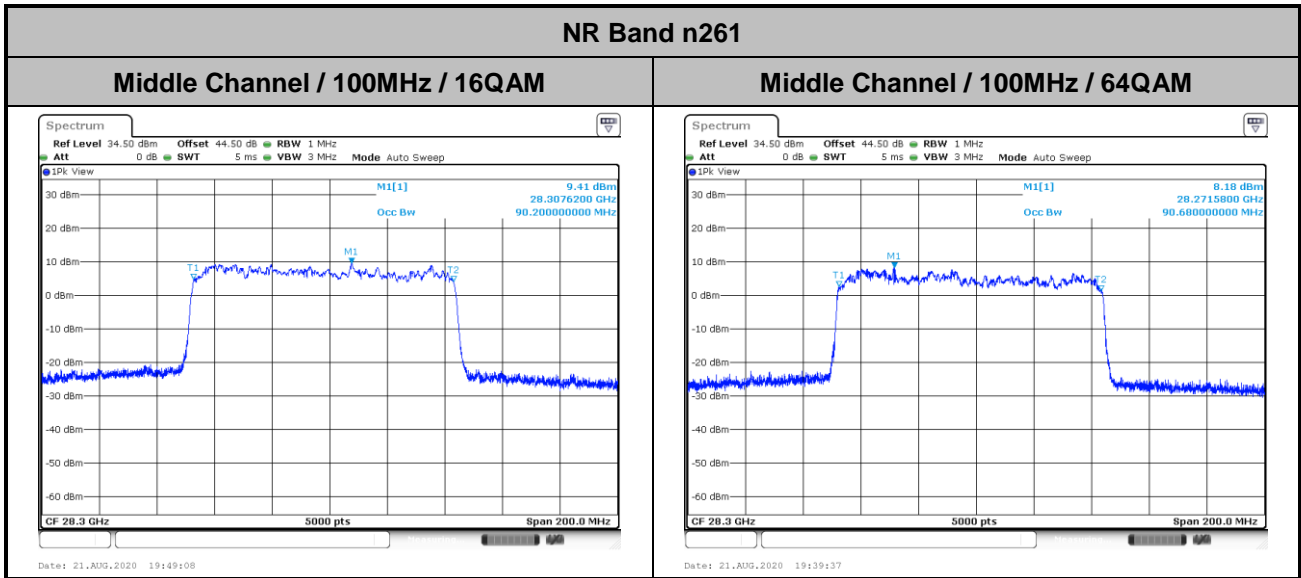


Highest Channel / 100MHz / QPSK





DFT-s-OFDM Module 2

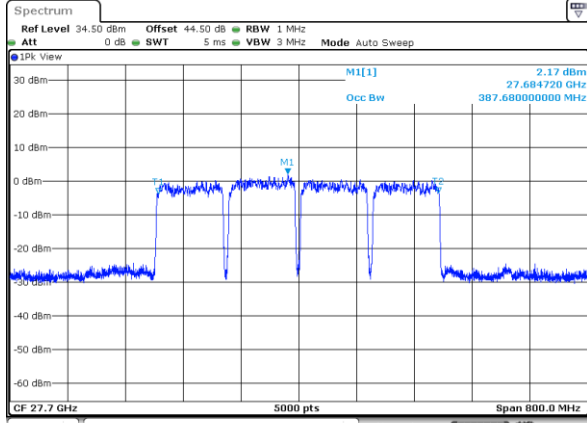




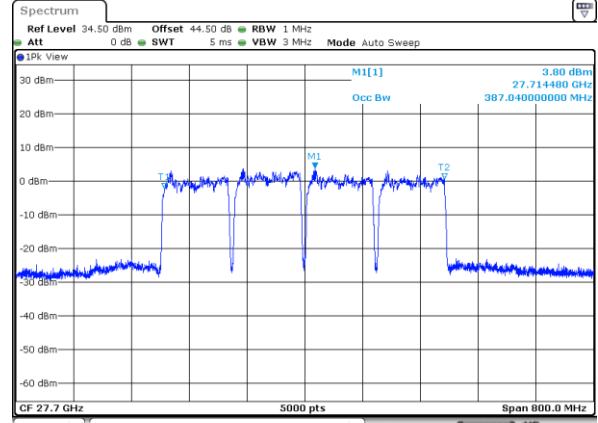
DFT-s-OFDM Module 2

NR Band n261

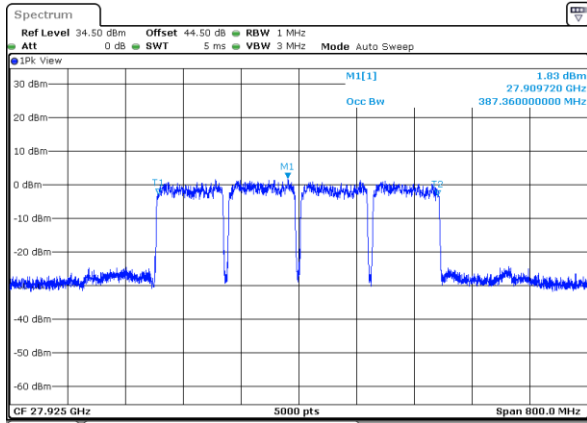
Lowest Channel / 400MHz / BPSK



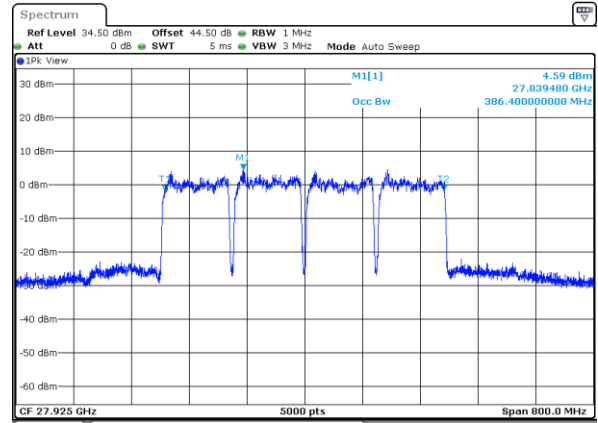
Lowest Channel / 400MHz / QPSK



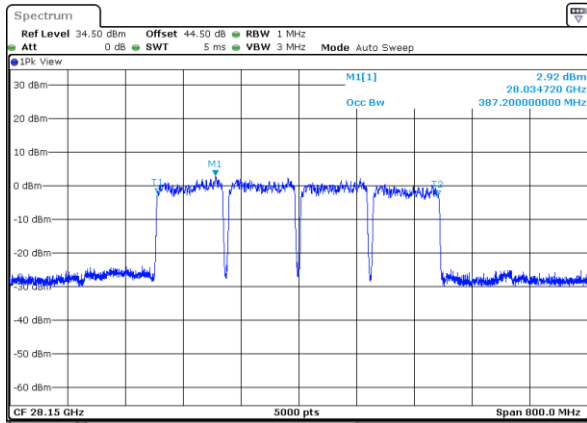
Middle Channel / 400MHz / BPSK



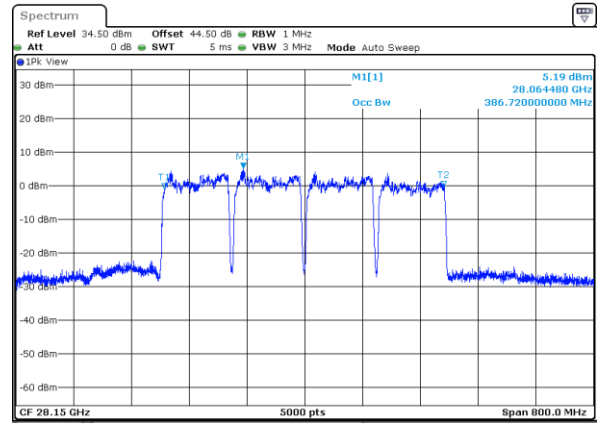
Middle Channel / 400MHz / QPSK



Highest Channel / 400MHz / BPSK

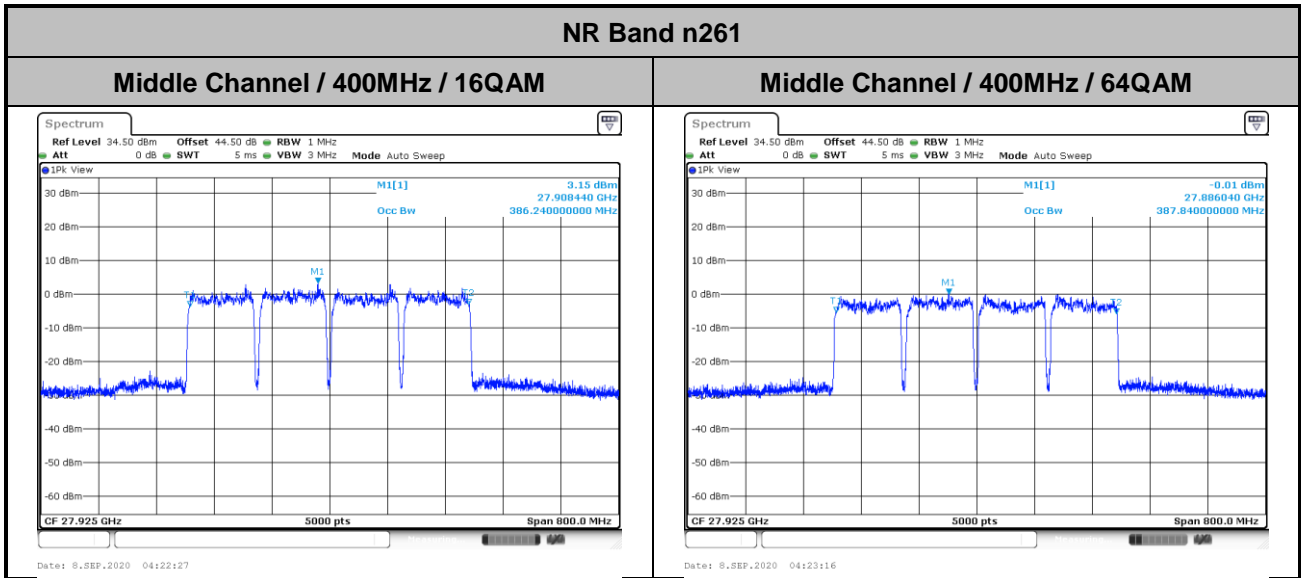


Highest Channel / 400MHz / QPSK





DFT-s-OFDM Module 2

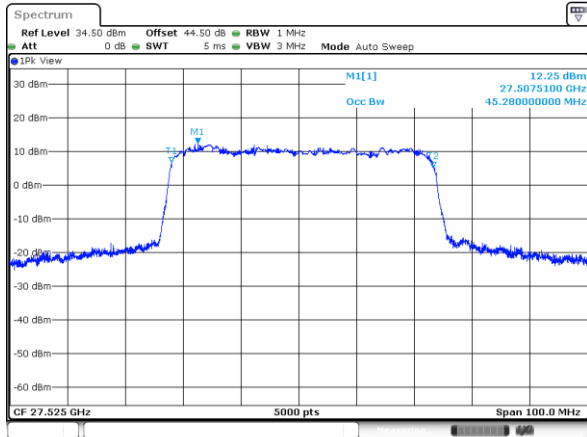




CP-OFDM Module 2

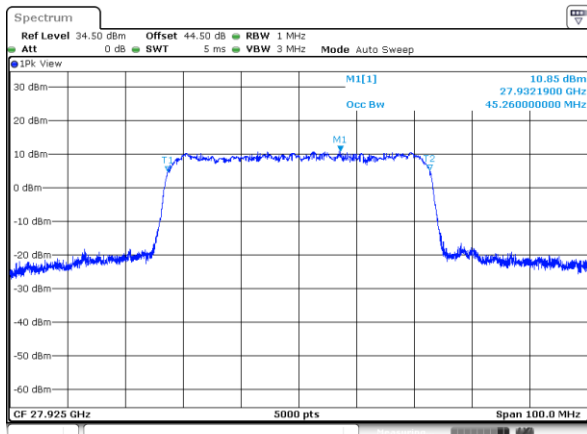
NR Band n261

Lowest Channel / 50MHz / QPSK



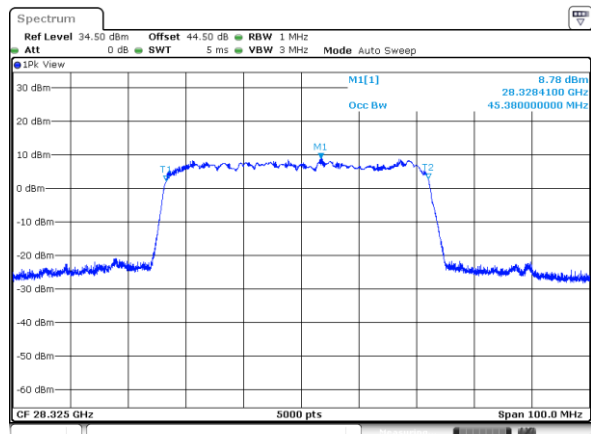
Date: 22.AUG.2020 04:46:20

Middle Channel / 50MHz / QPSK



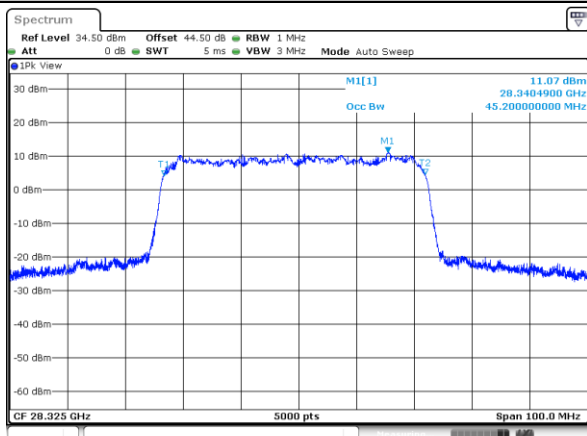
Date: 22.AUG.2020 10:38:17

Middle Channel / 50MHz / 16QAM



Date: 21.AUG.2020 21:13:27

Highest Channel / 50MHz / QPSK



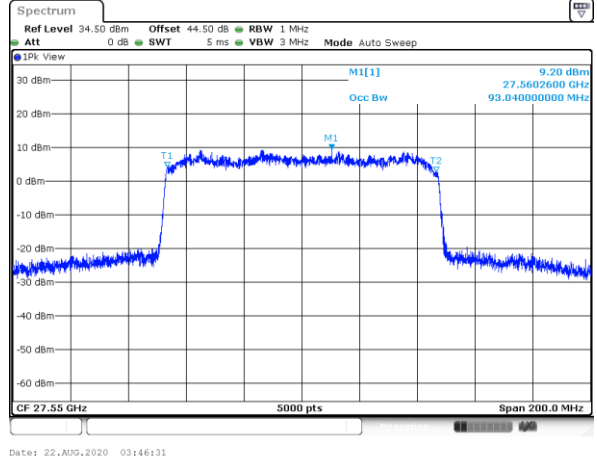
Date: 22.AUG.2020 15:24:40



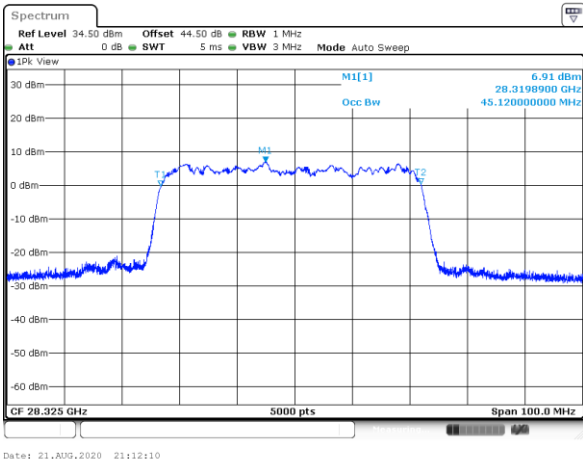
CP-OFDM Module 2

NR Band n261

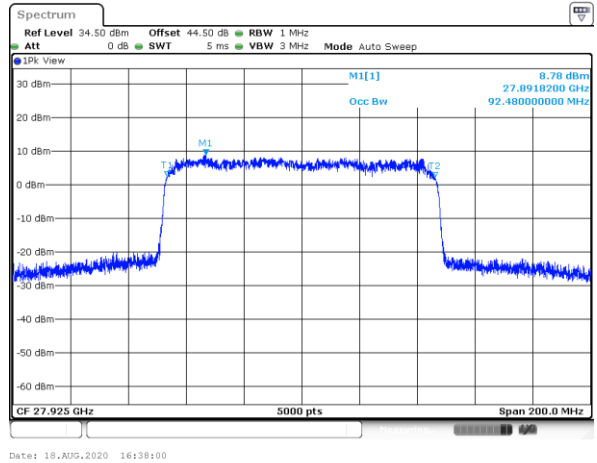
Lowest Channel / 100MHz / QPSK



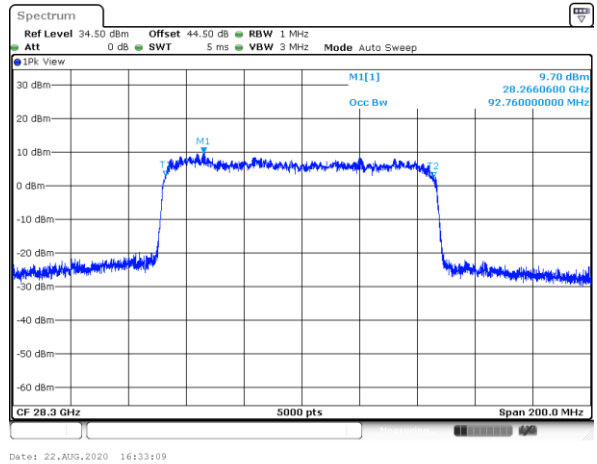
Middle Channel / 50MHz / 64QAM



Middle Channel / 100MHz / QPSK

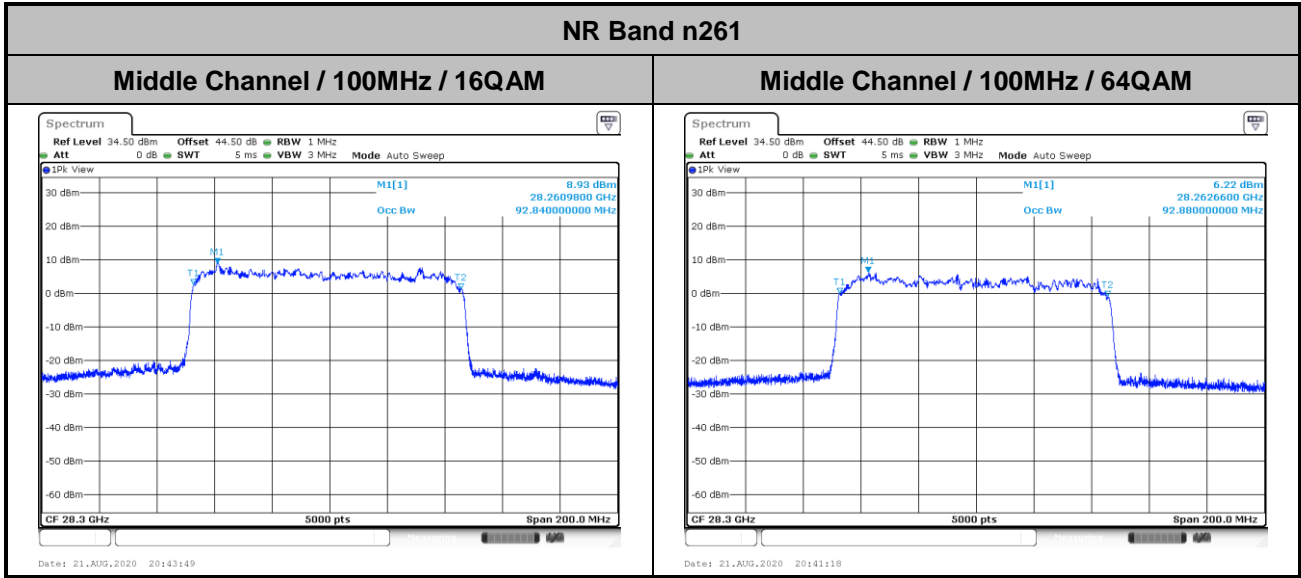


Highest Channel / 100MHz / QPSK





CP-OFDM Module 2

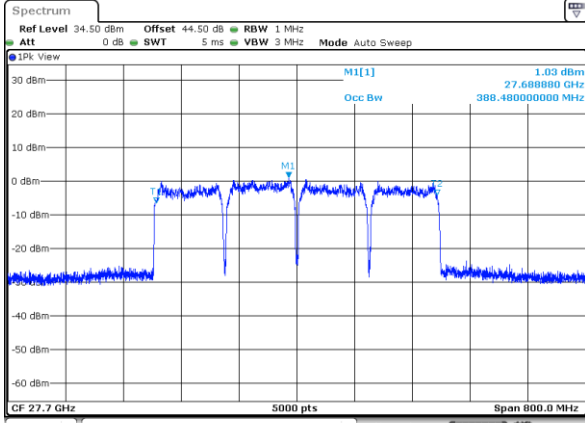




CP-OFDM Module 2

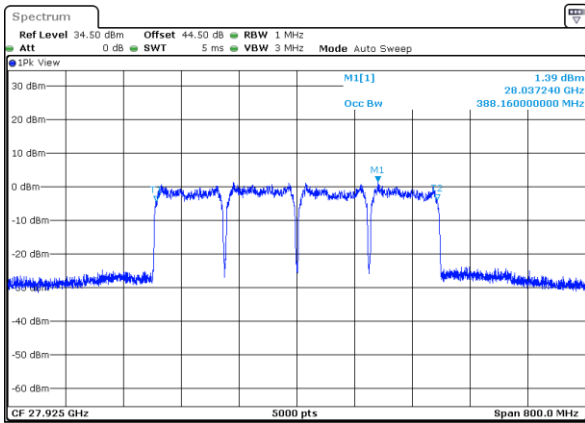
NR Band n261

Lowest Channel / 400MHz / QPSK



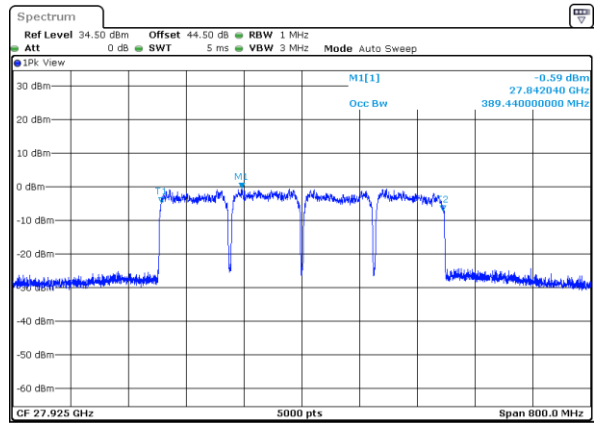
Date: 8,SEP,2020 03:30:28

Middle Channel / 400MHz / QPSK



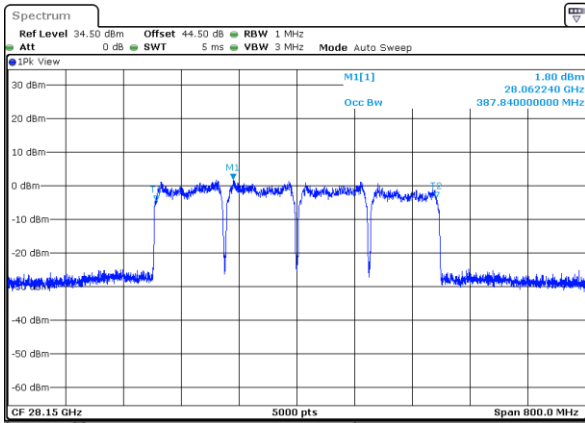
Date: 8,SEP,2020 04:25:33

Middle Channel / 400MHz / 16QAM



Date: 8,SEP,2020 04:26:45

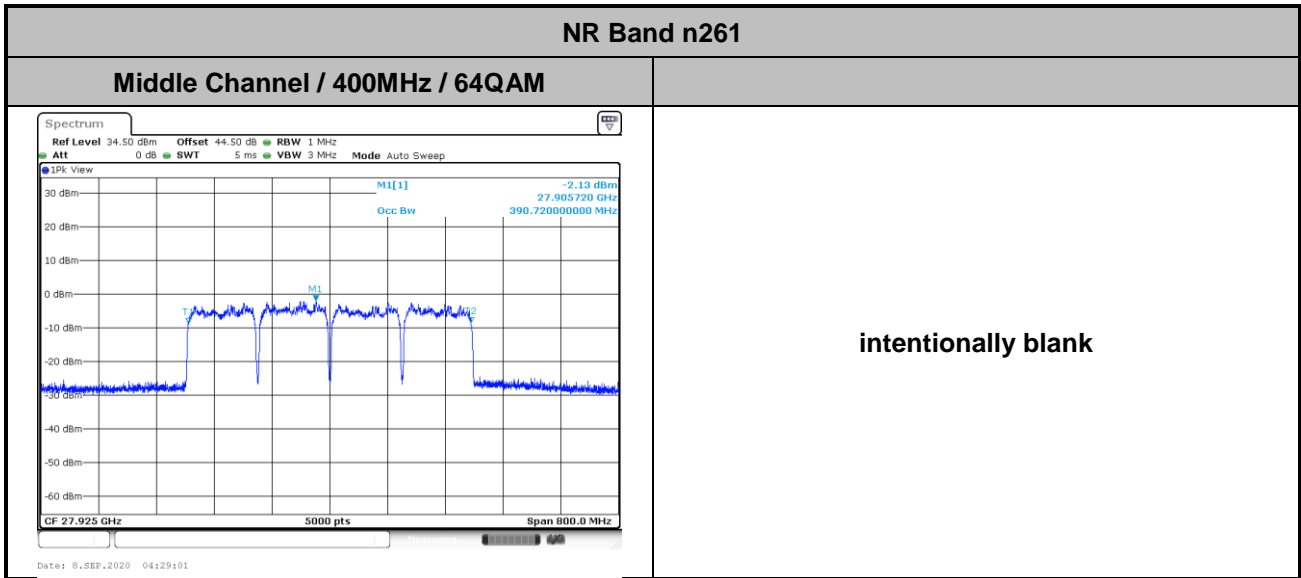
Highest Channel / 400MHz / QPSK



Date: 8,SEP,2020 05:15:43



CP-OFDM Module 2





Radiated Out of Band Emissions

Mode			DFT-s-OFDM Module 2 NR Band n261 : BE (dBm) 1 RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-25.07	-23.51	-	-	-21.18	-20.11	-	-	-32.68	-32.14	-	-
	>10%OB	≤-13	-30.49	-33.11	-	-	-31.38	-30.51	-	-	-33.62	-31.69	-	-
High CH	0~10%OB	≤-5	-25.72	-25.31	-	-	-24.89	-23.53	-	-	-32.14	-31.74	-	-
	>10%OB	≤-13	-32.31	-32.46	-	-	-33.95	-33.88	-	-	-33.74	-31.96	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n261 : BE (dBm) 1 RB									
BW			50MHz			100MHz			400MHz			
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
Low CH	0~10%OB	≤-5	-25.59	-	-	-19.86	-	-	-32.06	-	-	
	>10%OB	≤-13	-27.61	-	-	-31.62	-	-	-29.87	-	-	
High CH	0~10%OB	≤-5	-26.02	-	-	-26.66	-	-	-32.26	-	-	
	>10%OB	≤-13	-33.6	-	-	-33.96	-	-	-30.38	-	-	
Result			Compliance									

Mode			DFT-s-OFDM Module 2 NR Band n261 : BE (dBm) Full RB											
BW			50MHz				100MHz				400MHz			
Limit (dBm)			BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤-5	-28.53	-24.83	-	-	-30.27	-21.18	-	-	-32.98	-31.93	-	-
	>10%OB	≤-13	-30.95	-25.49	-	-	-32.02	-31.38	-	-	-33.08	-32.21	-	-
High CH	0~10%OB	≤-5	-30.94	-30.76	-	-	-32.89	-29.96	-	-	-33.58	-33.15	-	-
	>10%OB	≤-13	-34.38	-34.17	-	-	-34.43	-34.35	-	-	-33.59	-33.24	-	-
Result			Compliance											

Mode			CP-OFDM Module 2 NR Band n261 : BE (dBm) Full RB									
BW			50MHz			100MHz			400MHz			
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
Low CH	0~10%OB	≤-5	-25.59	-	-	-29.12	-	-	-33.58	-	-	
	>10%OB	≤-13	-27.61	-	-	-29.87	-	-	-33.58	-	-	
High CH	0~10%OB	≤-5	-28.79	-	-	-30.95	-	-	-33.93	-	-	
	>10%OB	≤-13	-34.22	-	-	-34.48	-	-	-34.28	-	-	
Result			Compliance									

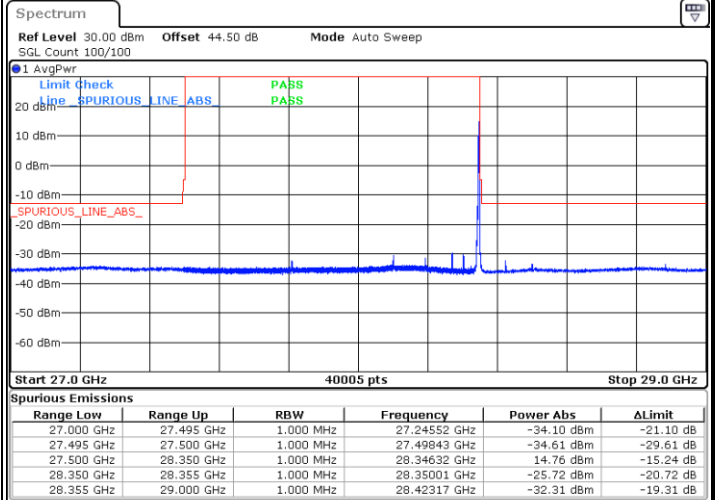
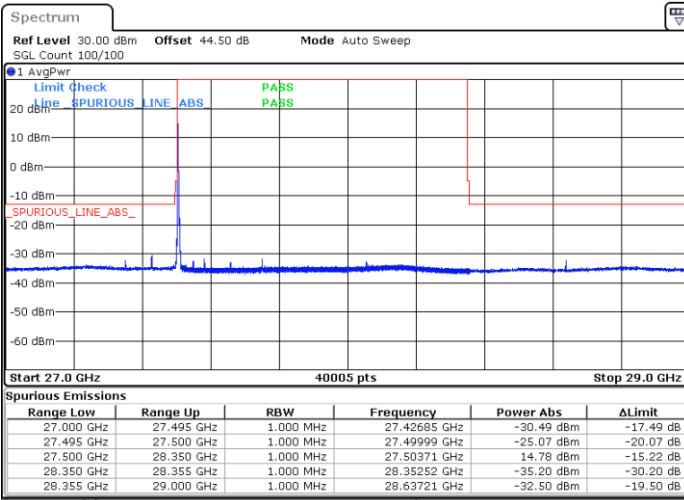


DFT-s-OFDM Module 2

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



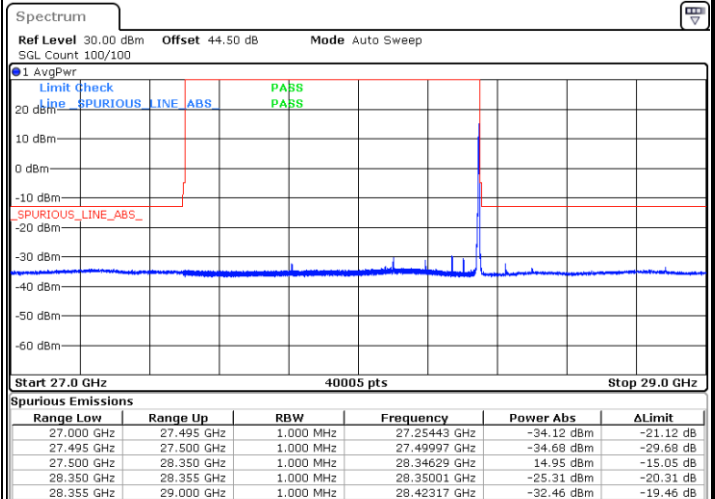
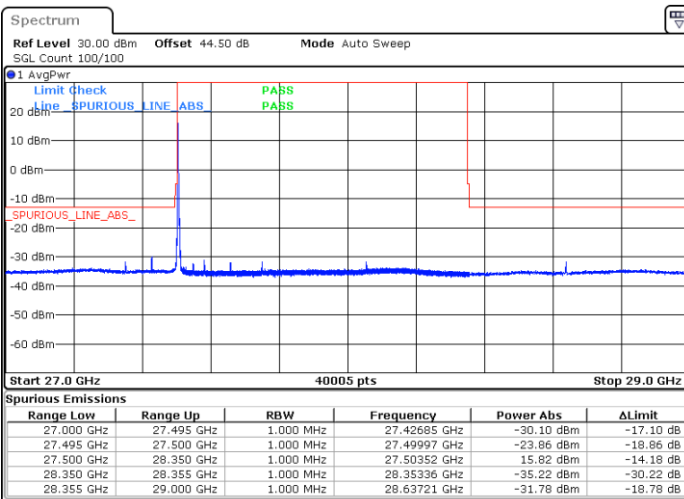
Date: 22.AUG.2020 04:28:45

Date: 22.AUG.2020 14:37:54

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 22.AUG.2020 04:24:02

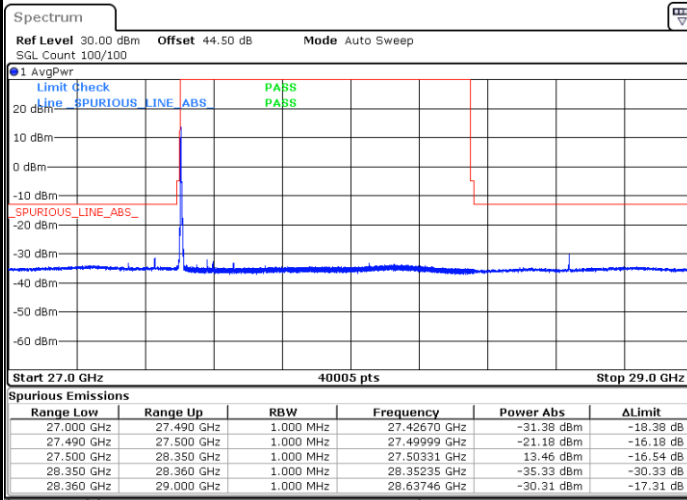
Date: 22.AUG.2020 14:39:06



DFT-s-OFDM Module 2

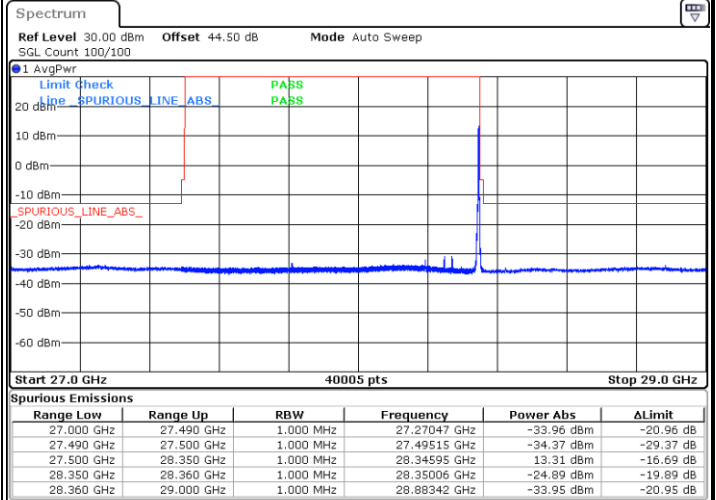
NR Band n261 / 100MHz / BPSK

Lowest Band Edge / 1 RB



Date: 22.AUG.2020 03:32:10

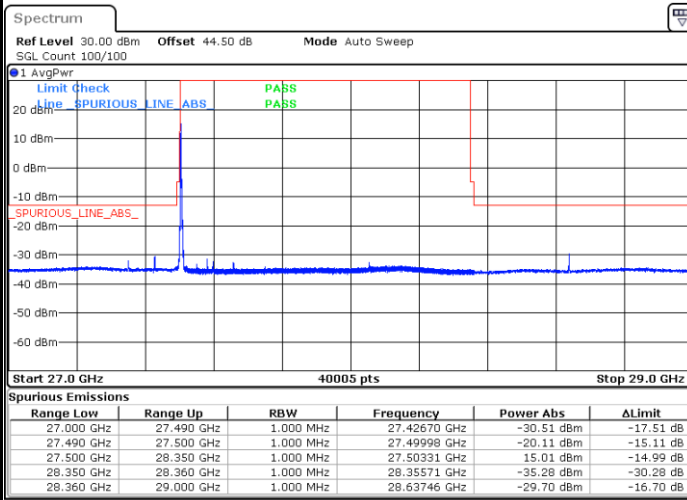
Highest Band Edge / 1 RB



Date: 22.AUG.2020 16:21:35

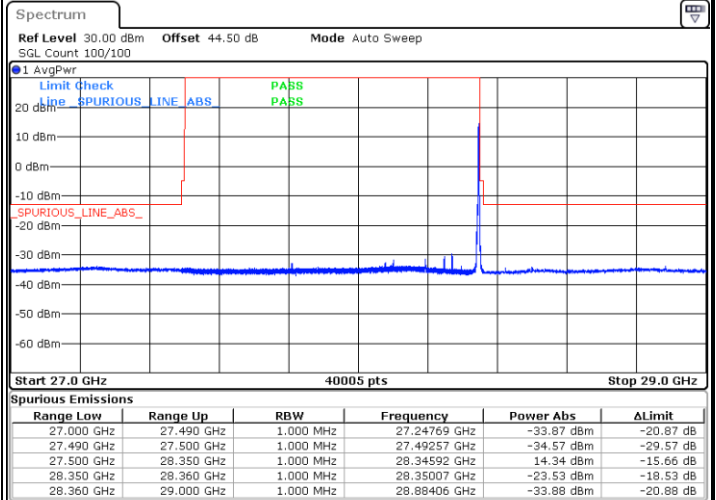
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB



Date: 22.AUG.2020 03:26:19

Highest Band Edge / 1 RB



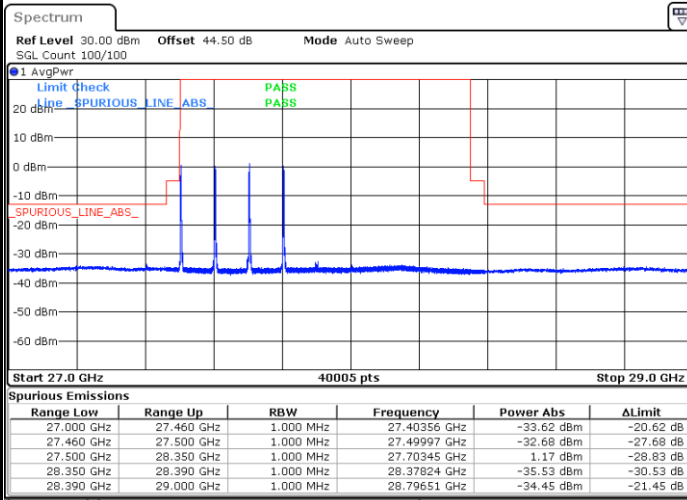
Date: 22.AUG.2020 16:20:43



DFT-s-OFDM Module 2

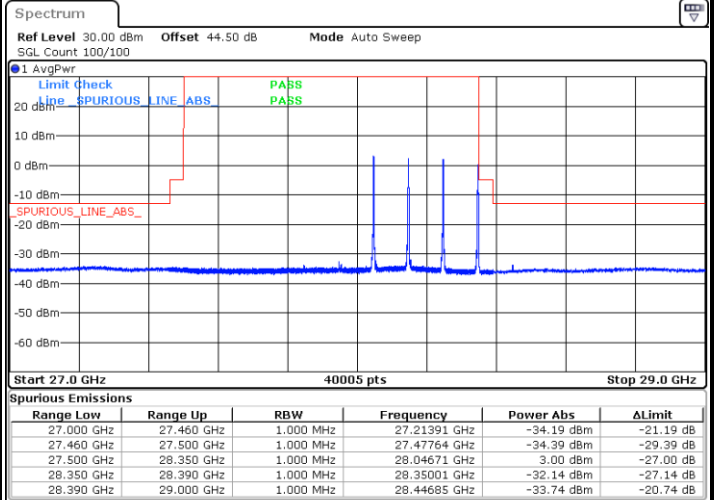
NR Band n261 / 400MHz / BPSK

Lowest Band Edge / 1 RB



Date: 8.SEP.2020 03:15:59

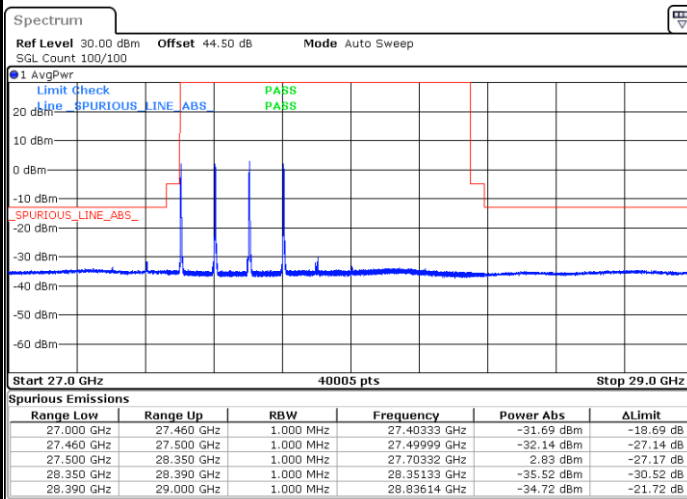
Highest Band Edge / 1 RB



Date: 8.SEP.2020 05:36:44

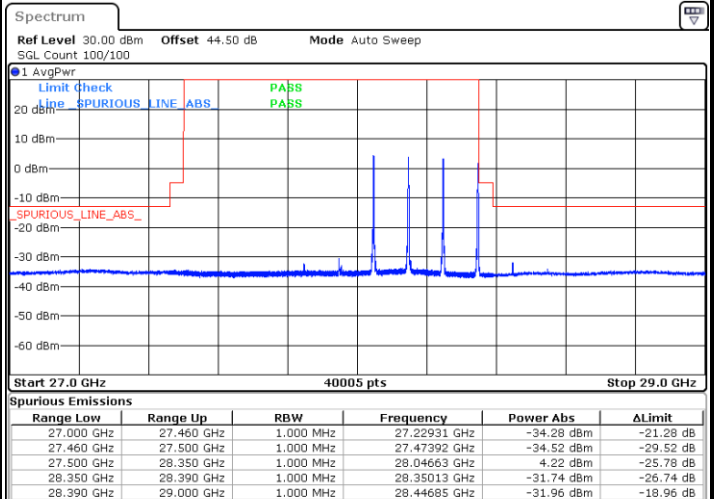
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB



Date: 8.SEP.2020 03:09:37

Highest Band Edge / 1 RB



Date: 8.SEP.2020 05:33:48

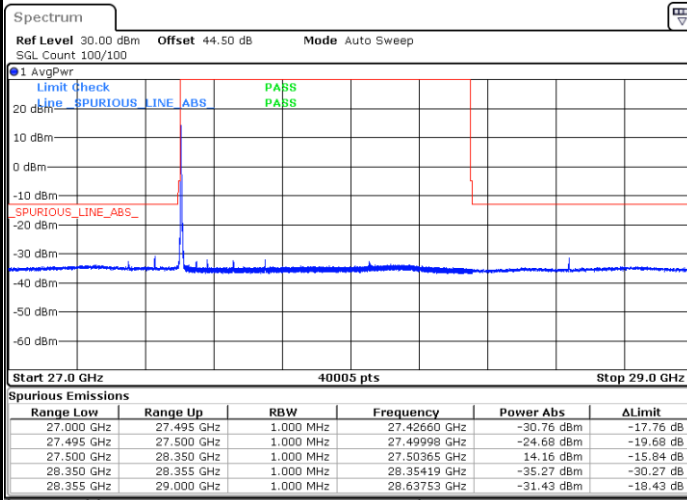


CP-OFDM Module 2

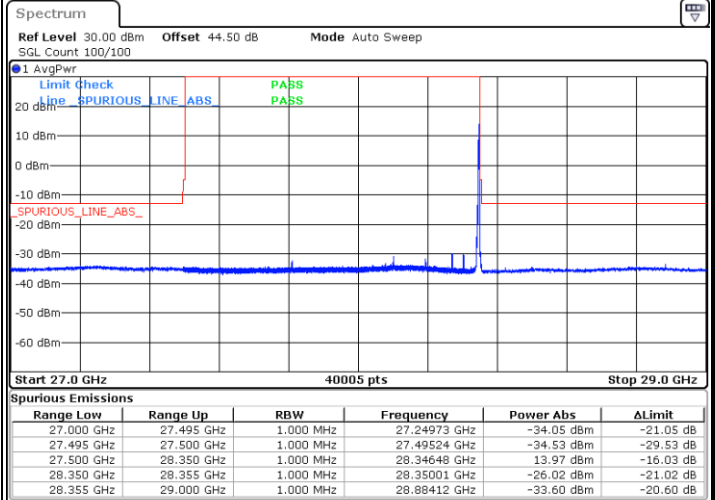
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 22.AUG.2020 04:51:21



Date: 22.AUG.2020 15:20:35

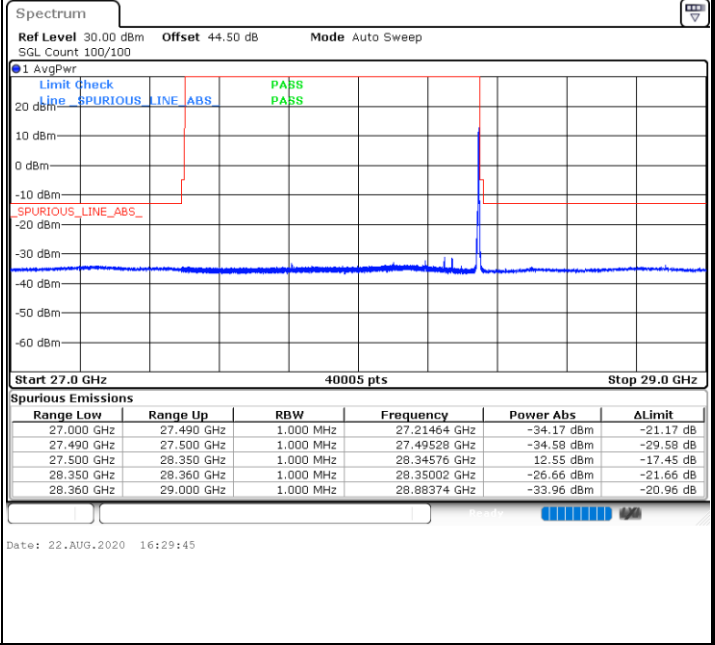
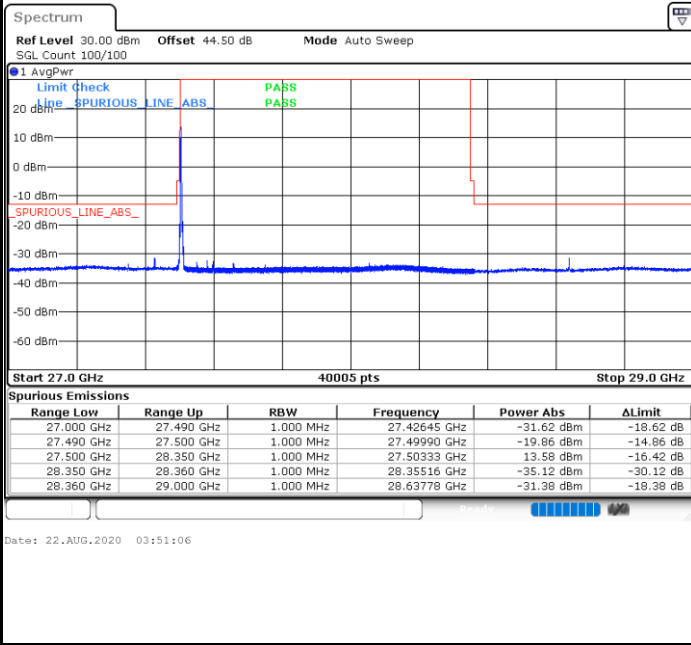


CP-OFDM Module 2

NR Band n261 / 100MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



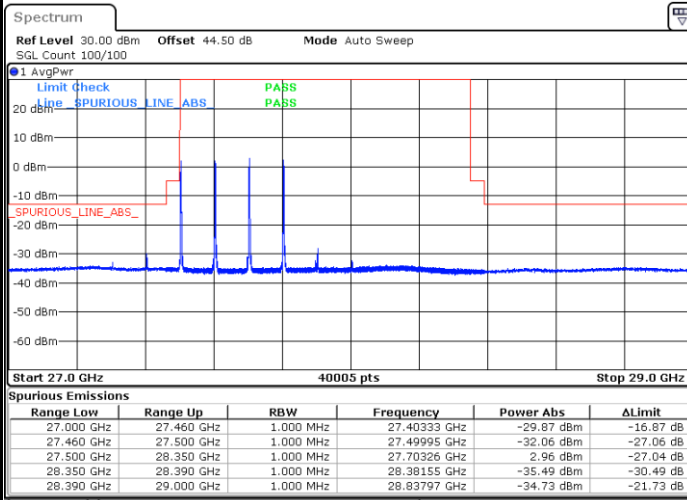


CP-OFDM Module 2

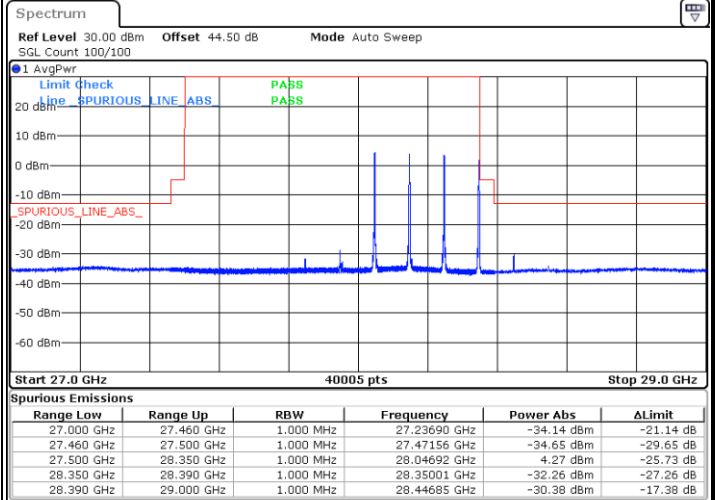
NR Band n261 / 400MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 8.SEP.2020 03:37:03



Date: 8.SEP.2020 05:47:01

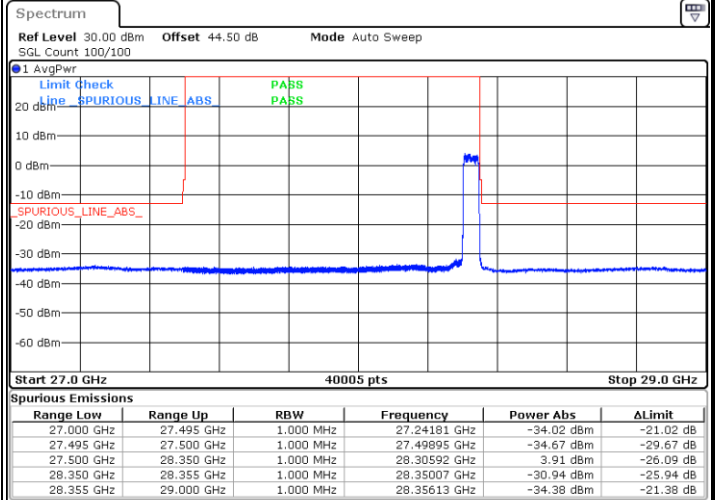
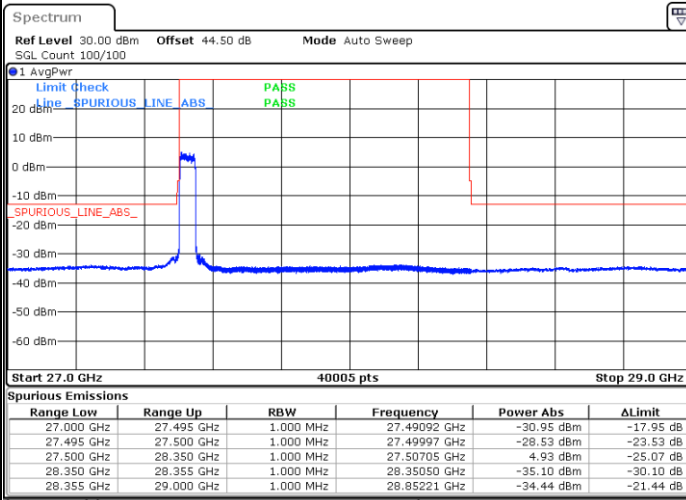


DFT-s-OFDM Module 2

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



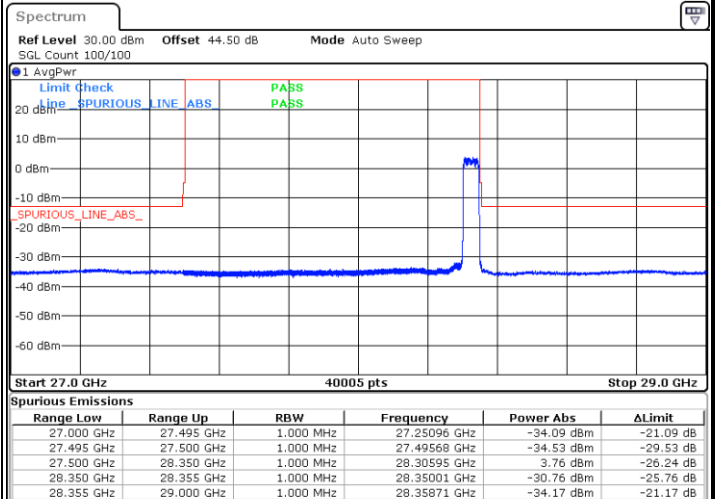
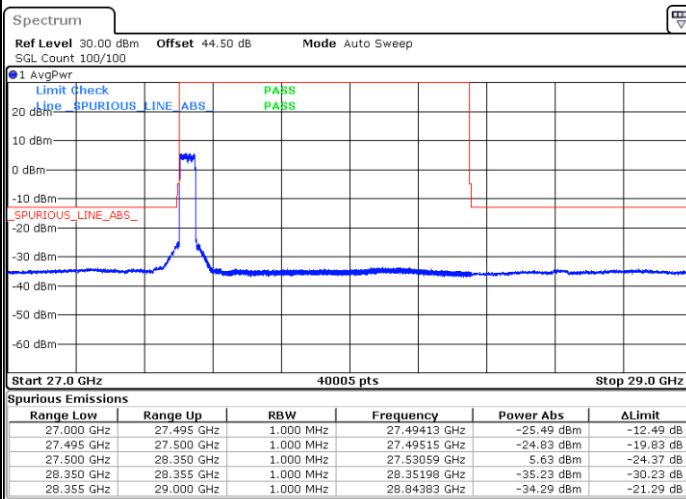
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Date: 22.AUG.2020 14:41:51

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.AUG.2020 04:39:34

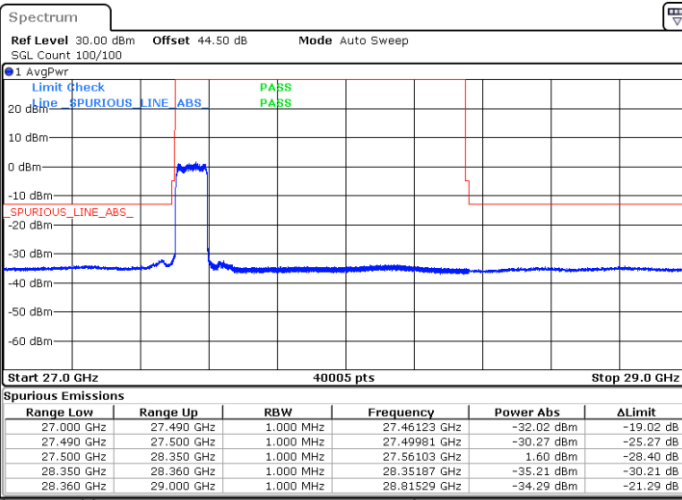
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DFT-s-OFDM Module 2

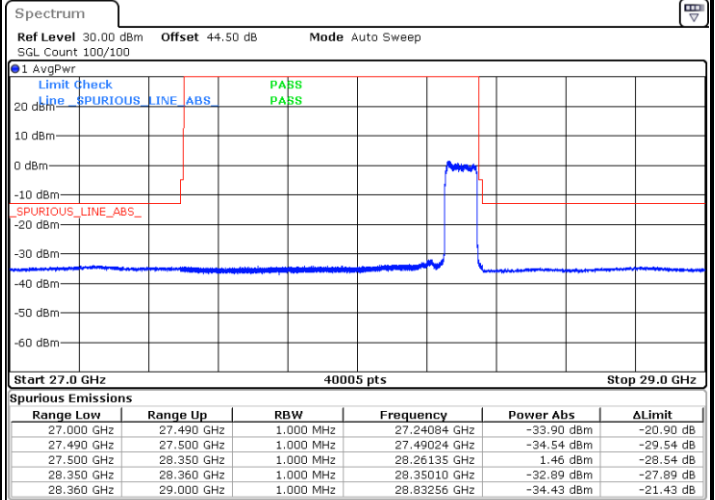
NR Band n261 / 100MHz / BPSK

Lowest Band Edge / Full RB



Date: 22.AUG.2020 03:44:10

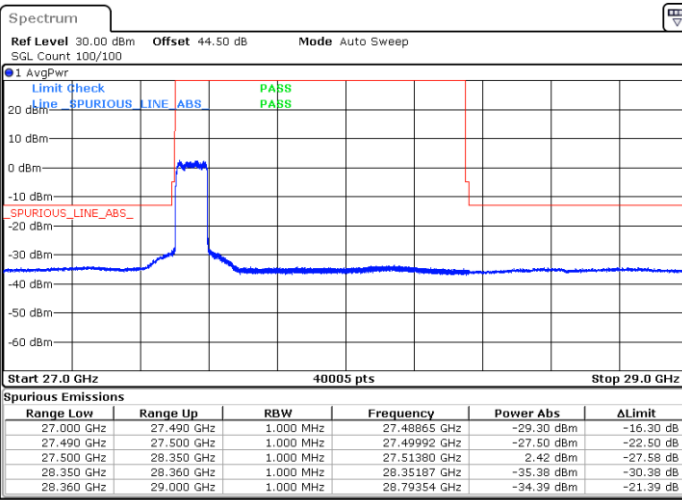
Highest Band Edge / Full RB



Date: 22.AUG.2020 16:13:38

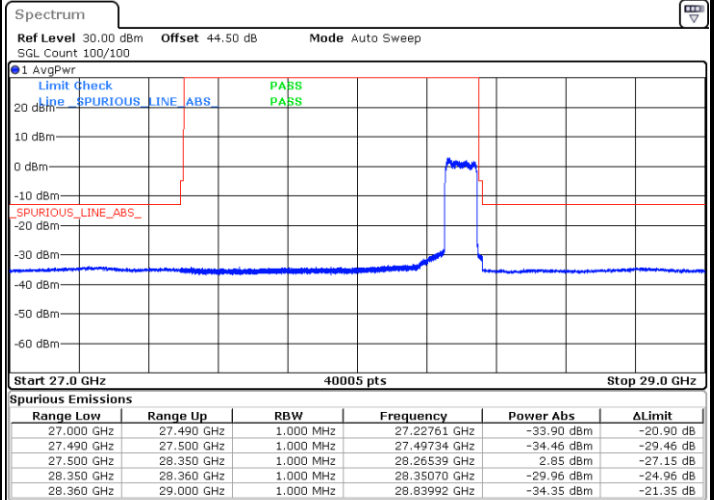
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 22.AUG.2020 03:37:34

Highest Band Edge / Full RB



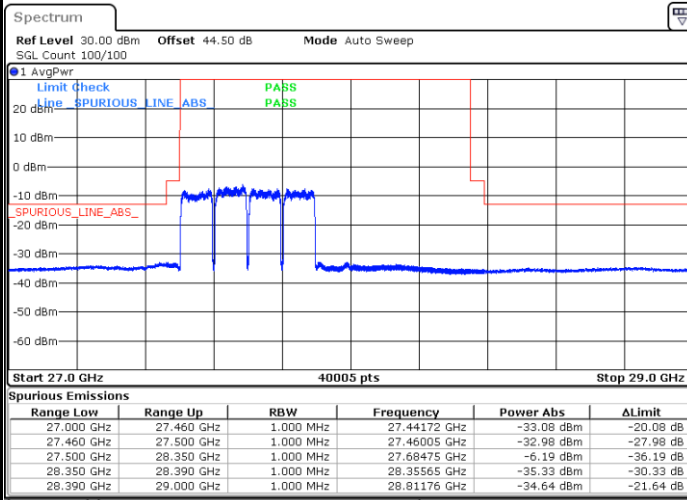
Date: 22.AUG.2020 16:15:02



DFT-s-OFDM Module 2

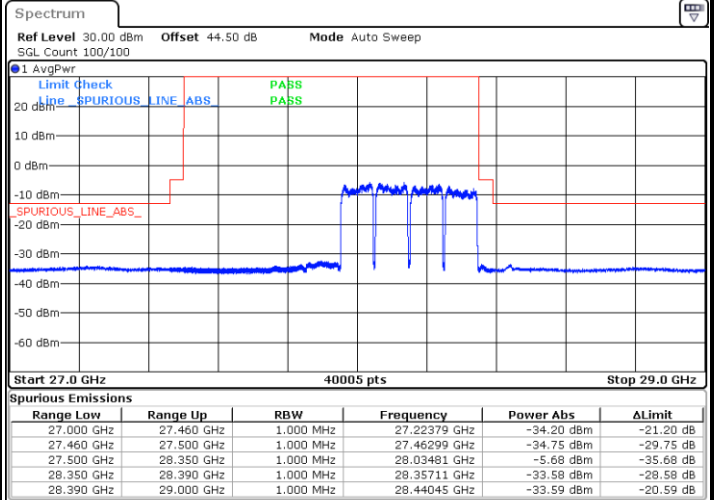
NR Band n261 / 400MHz / BPSK

Lowest Band Edge / Full RB



Date: 8.SEP.2020 03:18:28

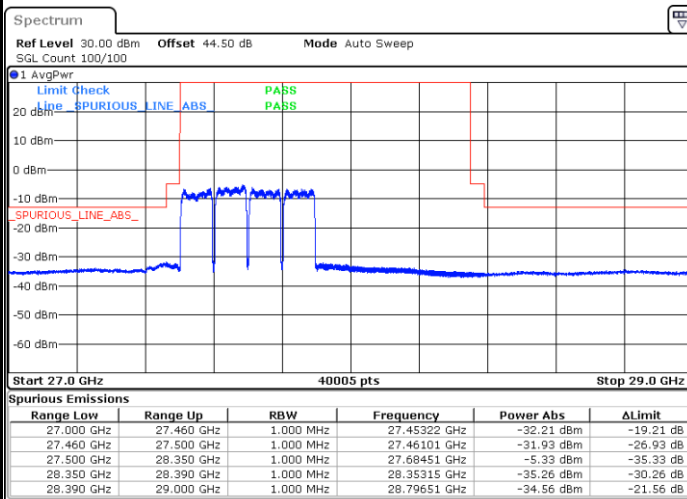
Highest Band Edge / Full RB



Date: 8.SEP.2020 05:17:49

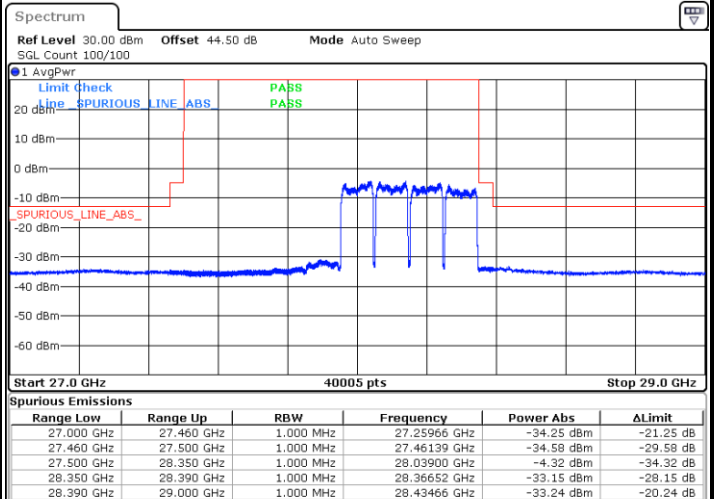
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.SEP.2020 03:21:27

Highest Band Edge / Full RB



Date: 8.SEP.2020 05:07:55

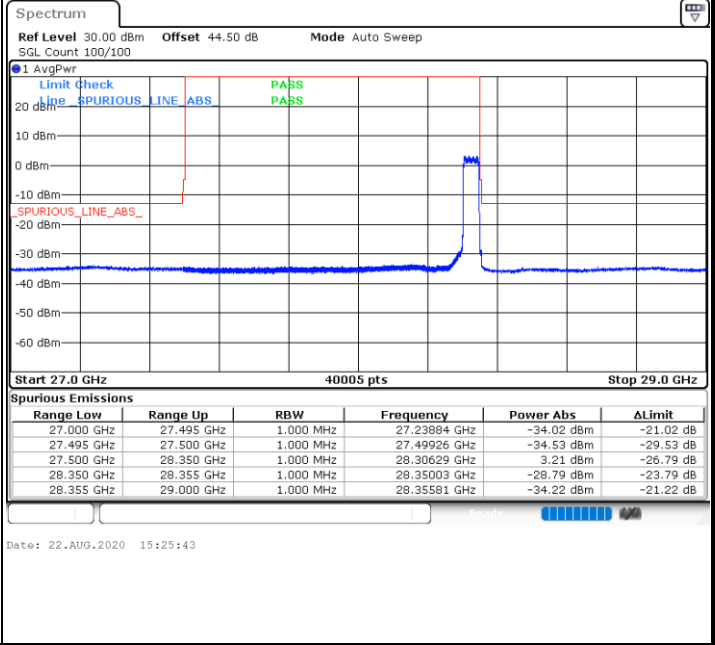
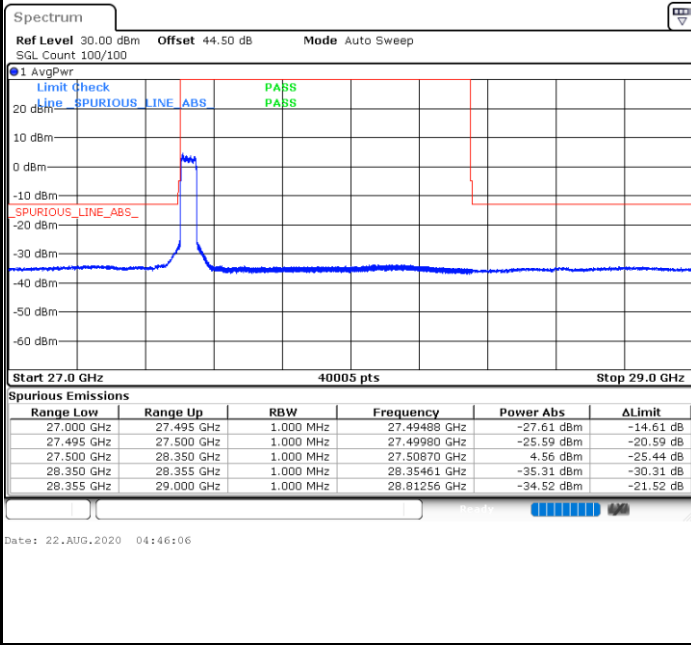


CP-OFDM Module 2

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



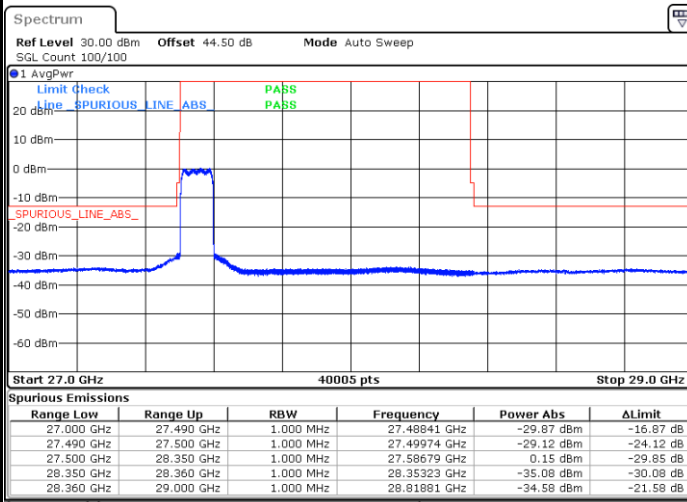


CP-OFDM Module 2

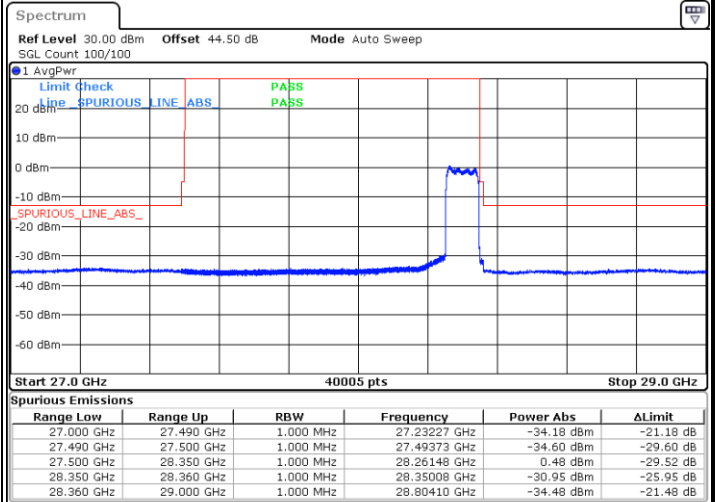
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.AUG.2020 03:46:19



Date: 22.AUG.2020 16:33:50

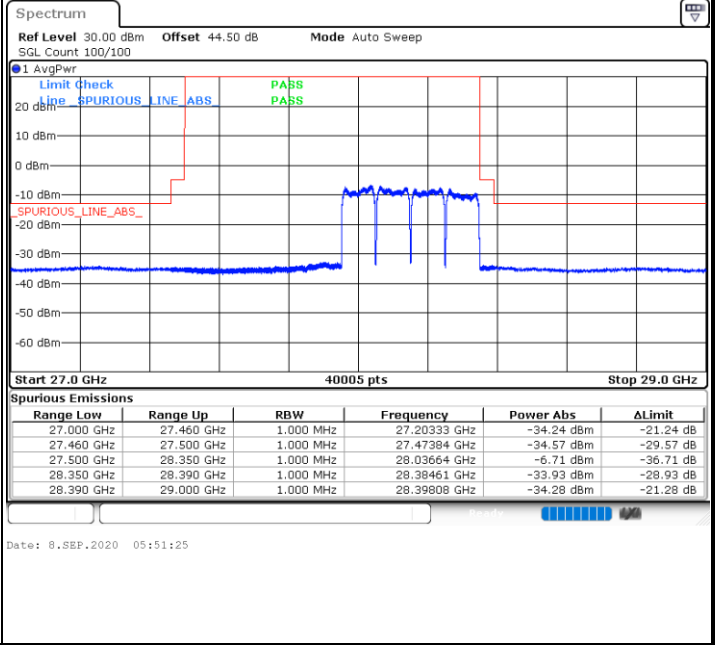
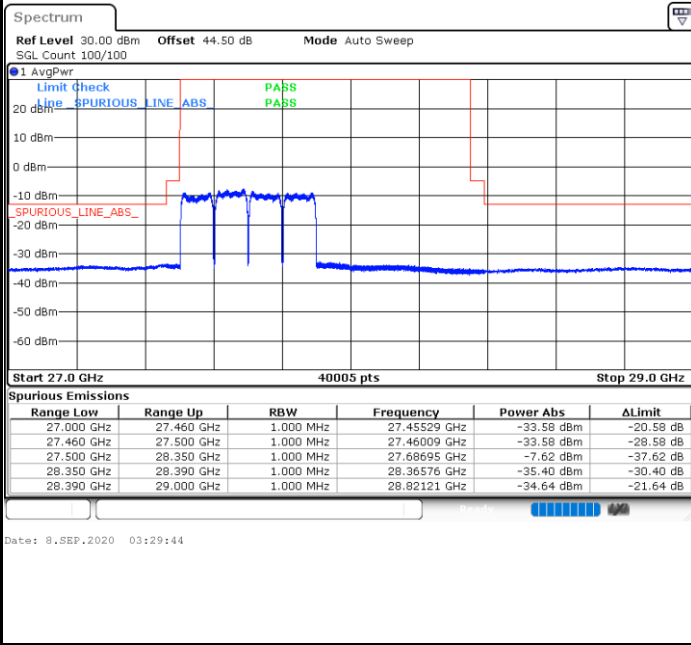


CP-OFDM Module 2

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





Spurious Emission

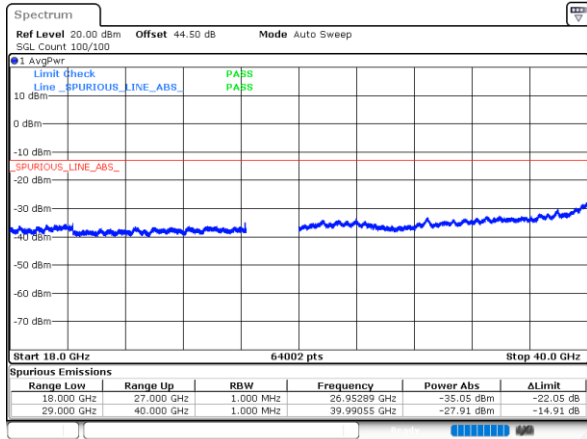


Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 2

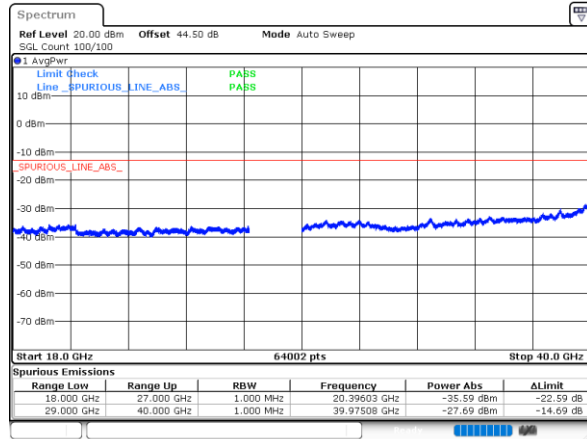
NR Band n261 BPSK (18-40GHz)

Lowest Channel / 50MHz



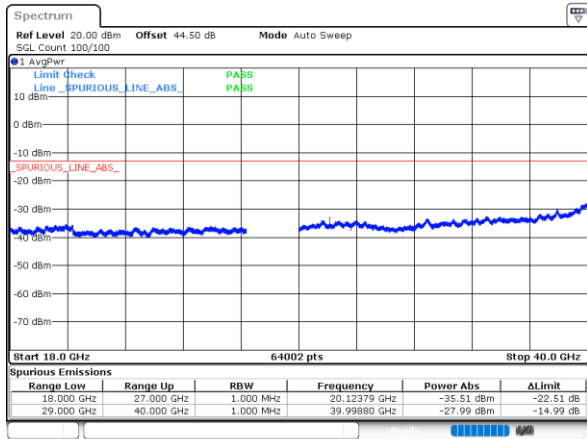
Date: 22_AUG_2020 04:30:36

Lowest Channel / 100MHz



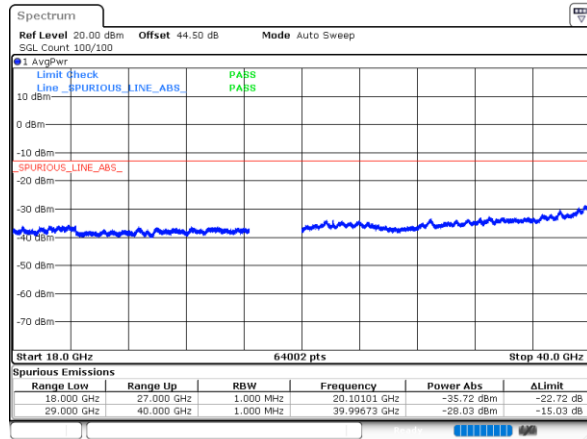
Date: 22_AUG_2020 03:33:37

Middle Channel / 50MHz



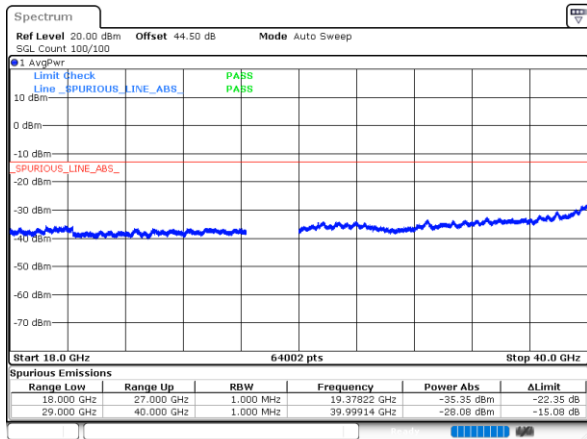
Date: 22_AUG_2020 10:26:01

Middle Channel / 100MHz



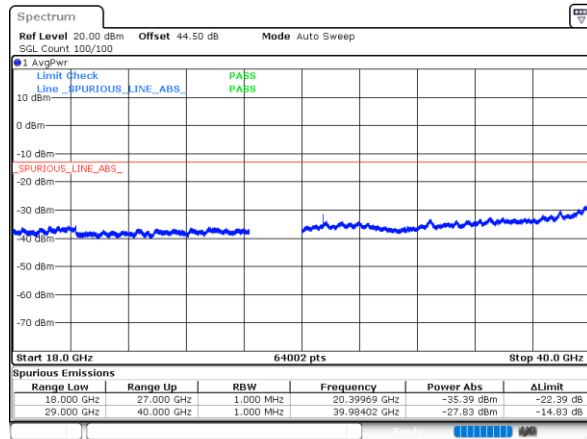
Date: 18_AUG_2020 16:20:17

Highest Channel / 50MHz



Date: 22_AUG_2020 14:57:29

Highest Channel / 100MHz



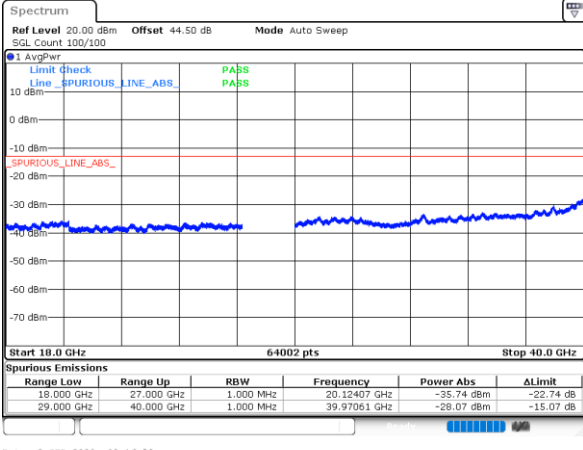
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DFT-s-OFDM Module 2

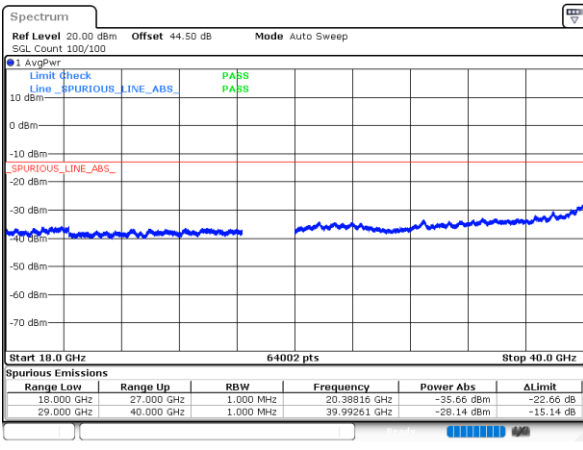
NR Band n261 BPSK (18-40GHz)

Lowest Channel / 400MHz



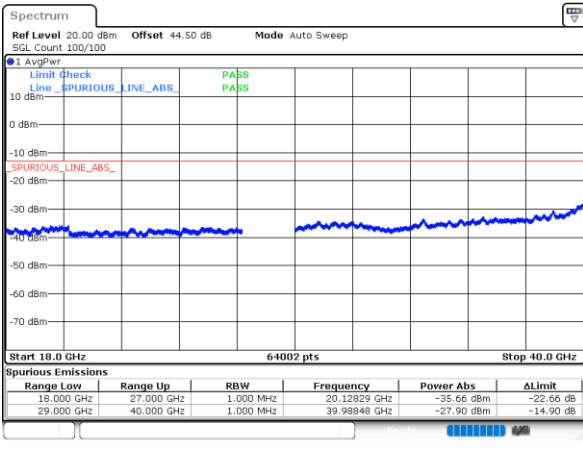
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank