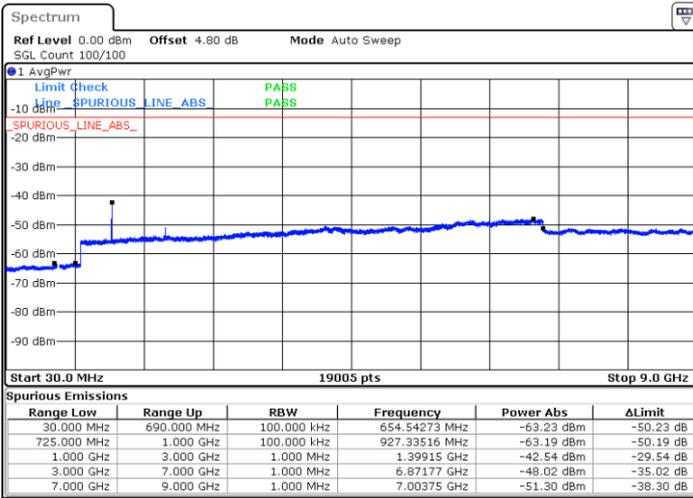




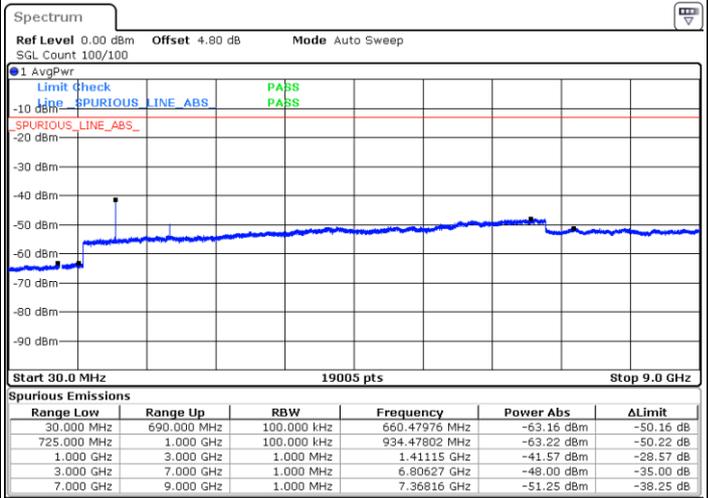
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

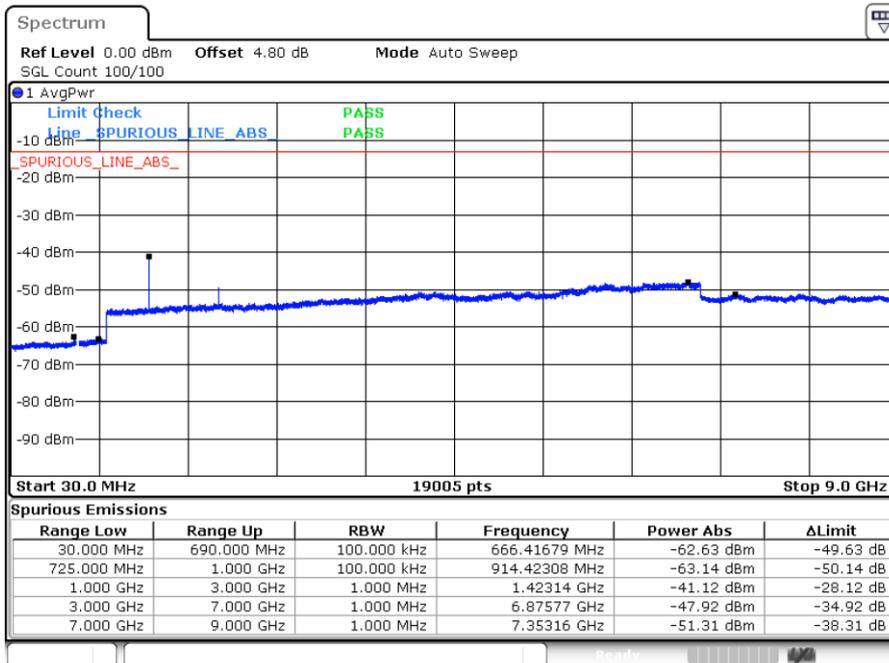


Date: 1.JAN.2021 15:48:56



Date: 1.JAN.2021 15:49:52

Highest Channel / QPSK



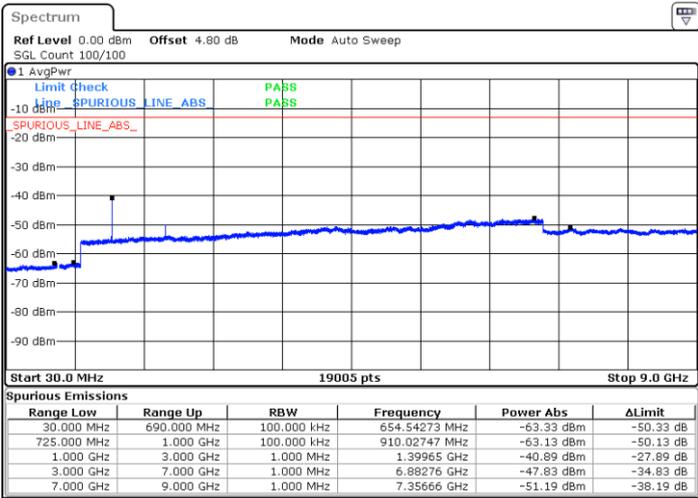
Date: 1.JAN.2021 15:50:48



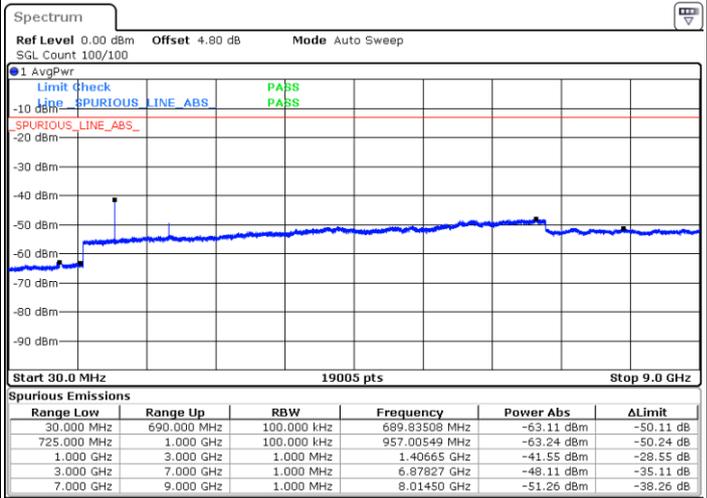
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

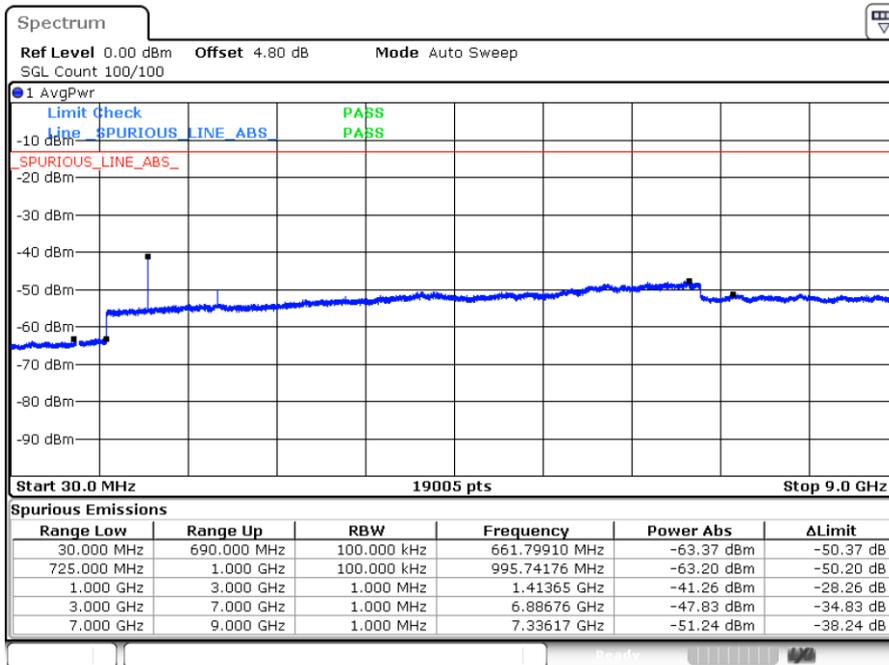


Date: 1.JAN.2021 15:51:43



Date: 1.JAN.2021 15:52:39

Highest Channel / QPSK



Date: 1.JAN.2021 15:53:34



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0071	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0102	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



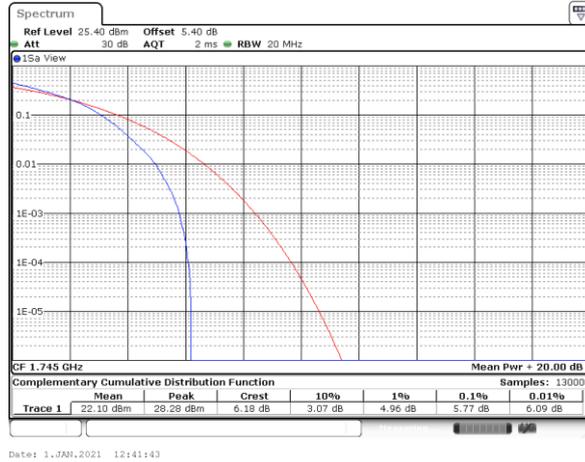
LTE Band 66

Peak-to-Average Ratio

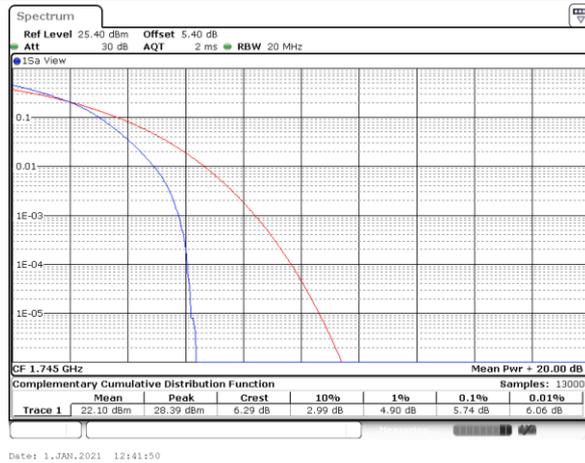
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.77	5.74	5.80	PASS



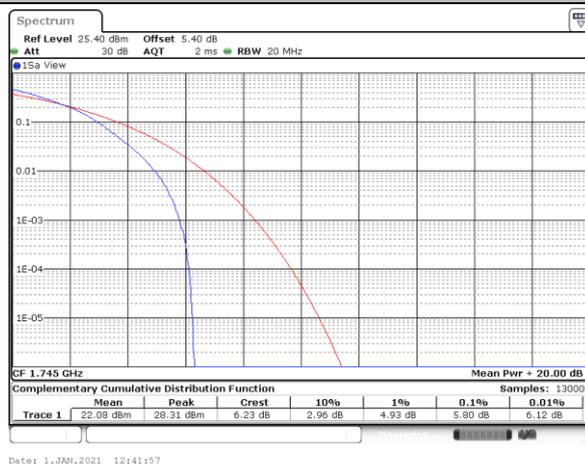
LTE Band 66 / 20MHz
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



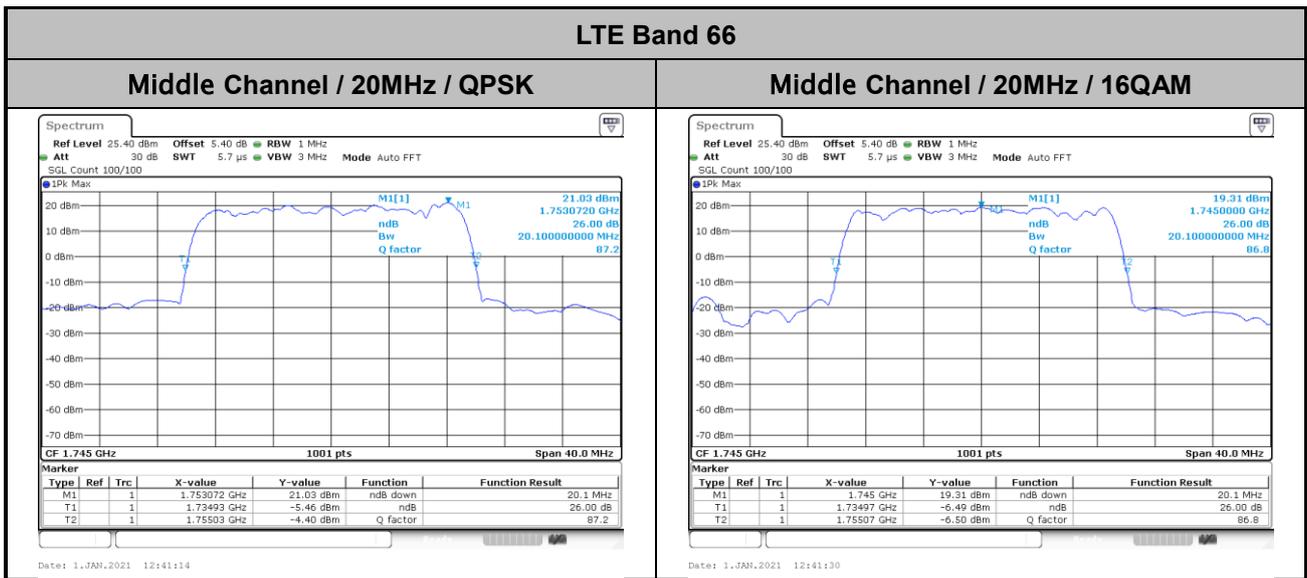
Middle Channel / Full RB/ 64QAM





26dB Bandwidth

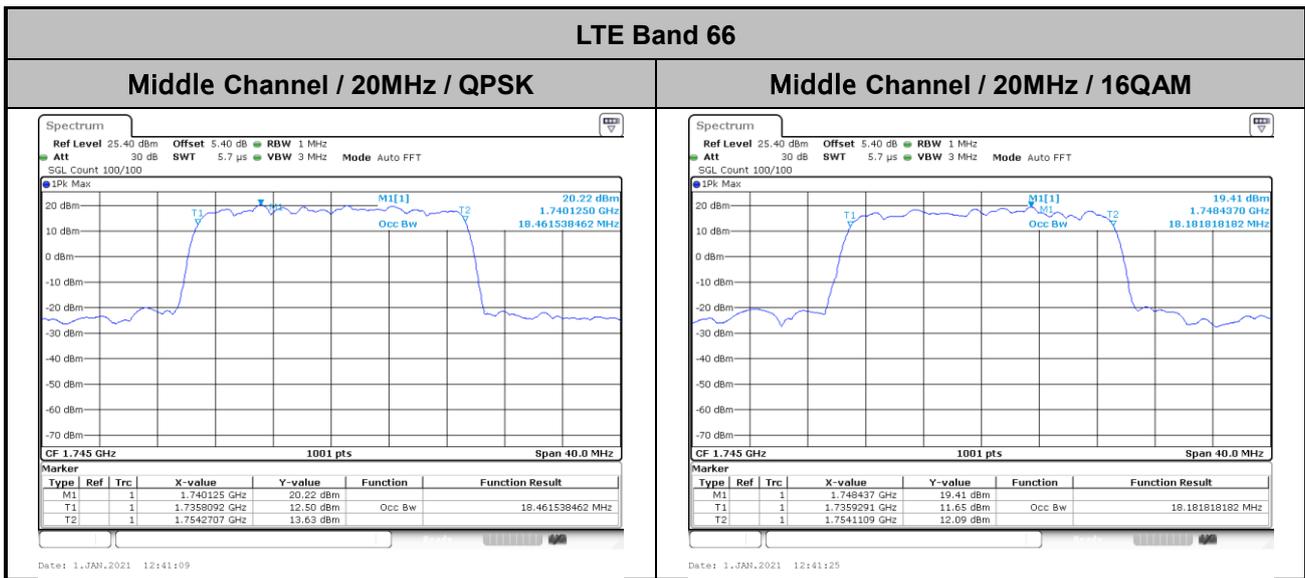
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.1	20.1





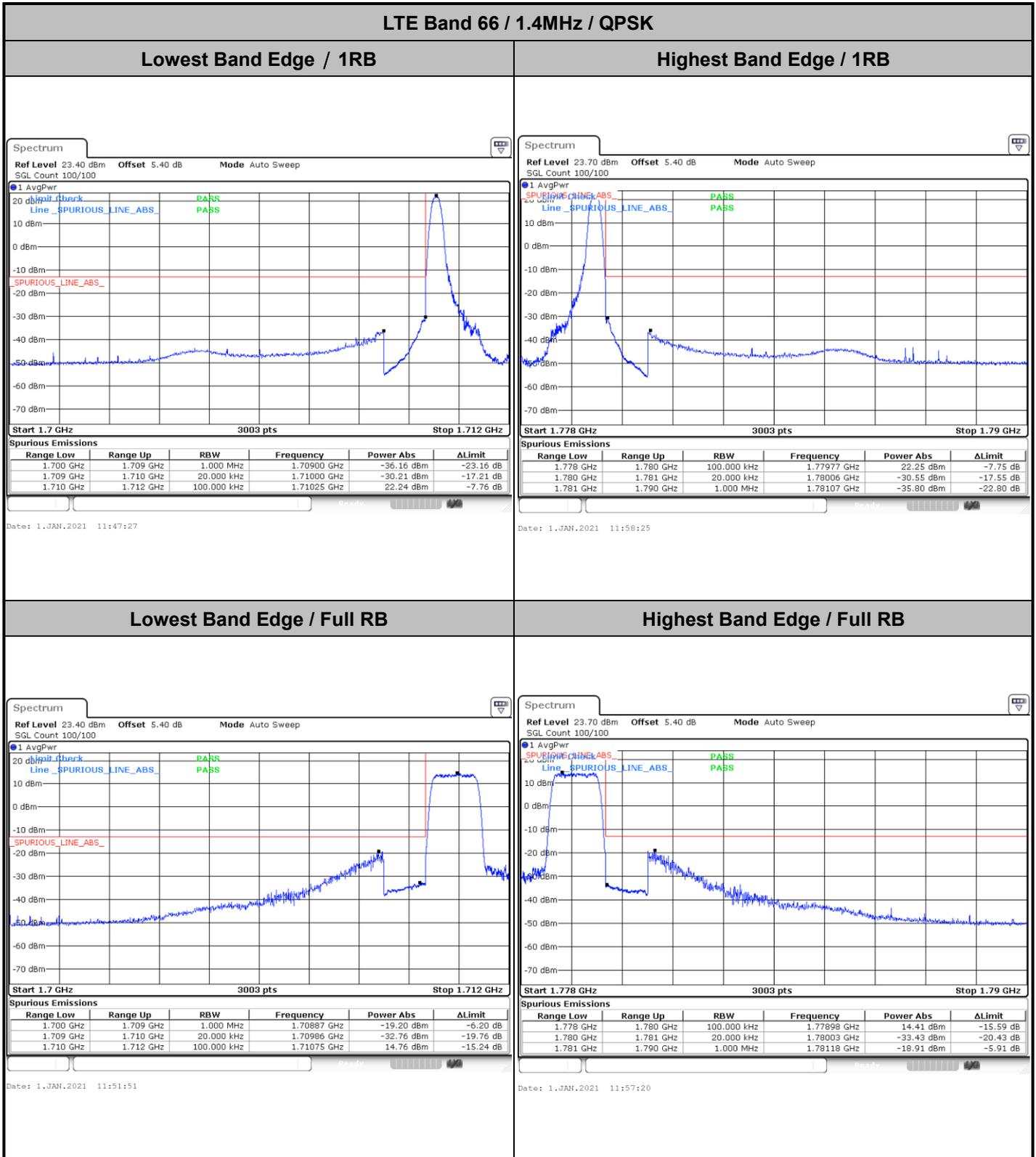
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.46	18.18





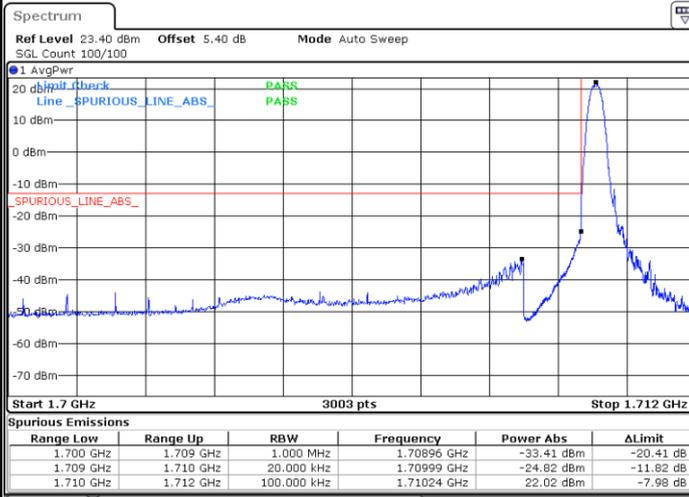
Conducted Band Edge





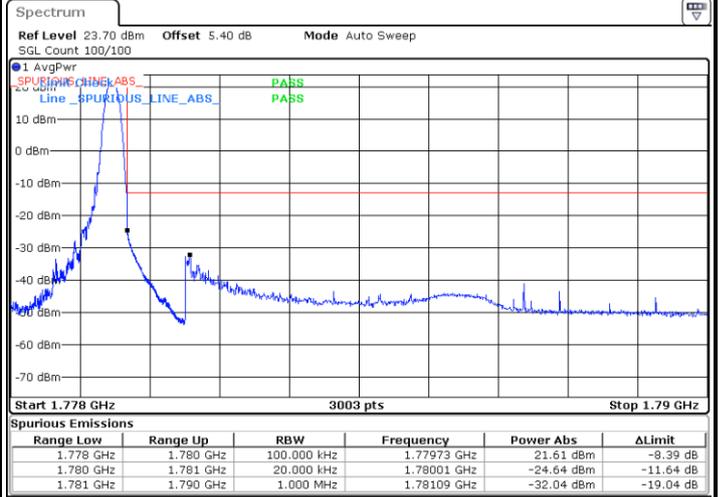
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



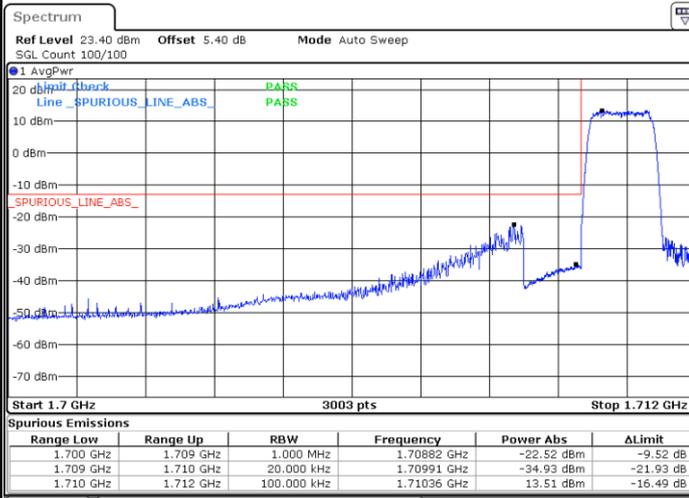
Date: 1.JAN.2021 11:48:27

Highest Band Edge / 1 RB



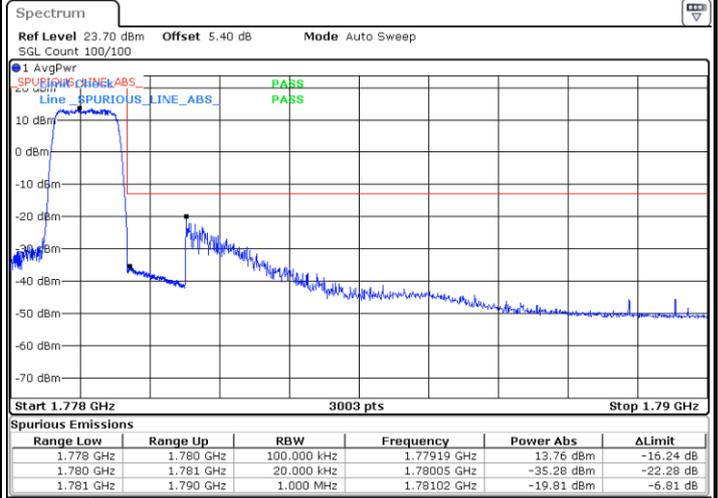
Date: 1.JAN.2021 11:59:30

Lowest Band Edge / Full RB



Date: 1.JAN.2021 11:52:53

Highest Band Edge / Full RB

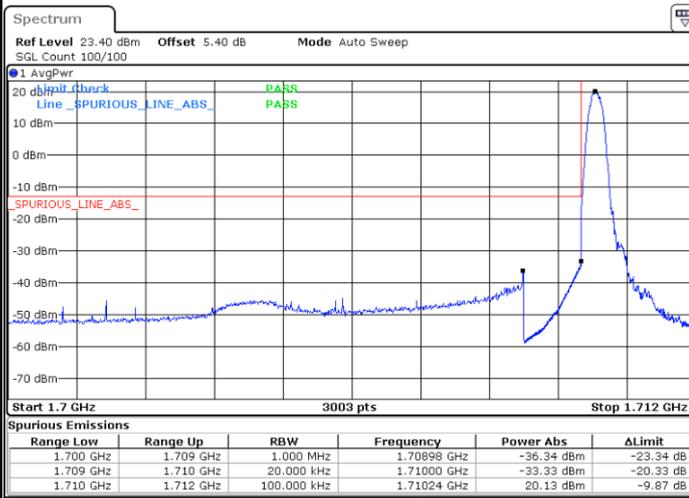


Date: 1.JAN.2021 11:56:18



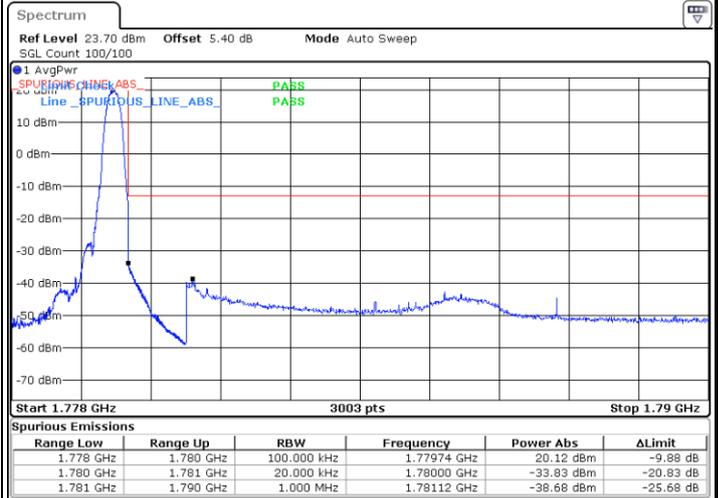
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



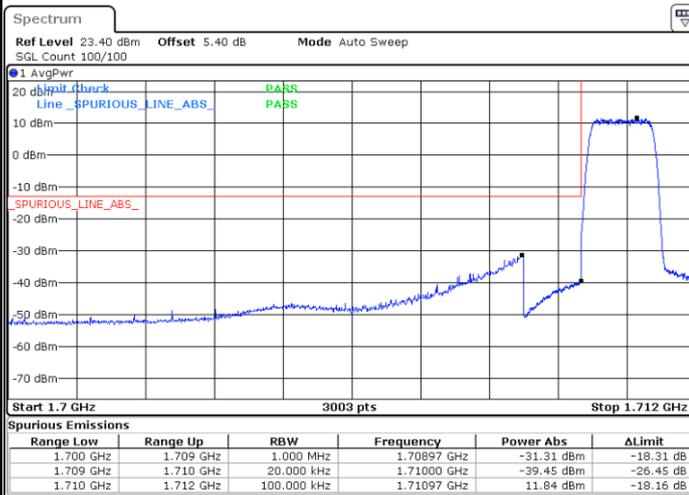
Date: 1.JAN.2021 11:49:27

Highest Band Edge / 1 RB



Date: 1.JAN.2021 12:01:12

Lowest Band Edge / Full RB



Date: 1.JAN.2021 11:53:53

Highest Band Edge / Full RB



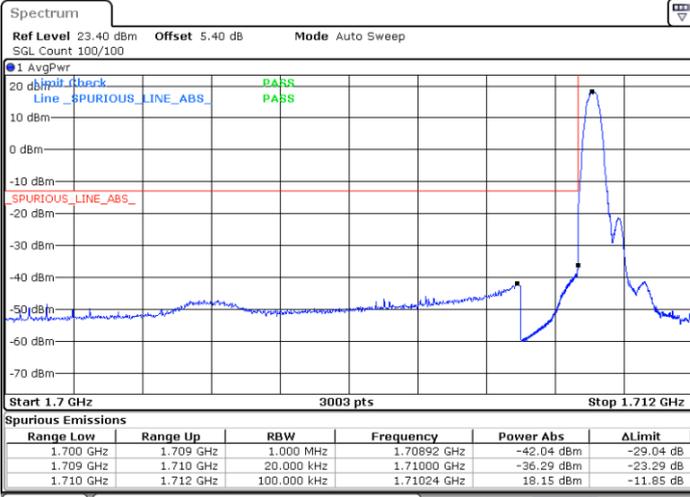
Date: 1.JAN.2021 11:55:10



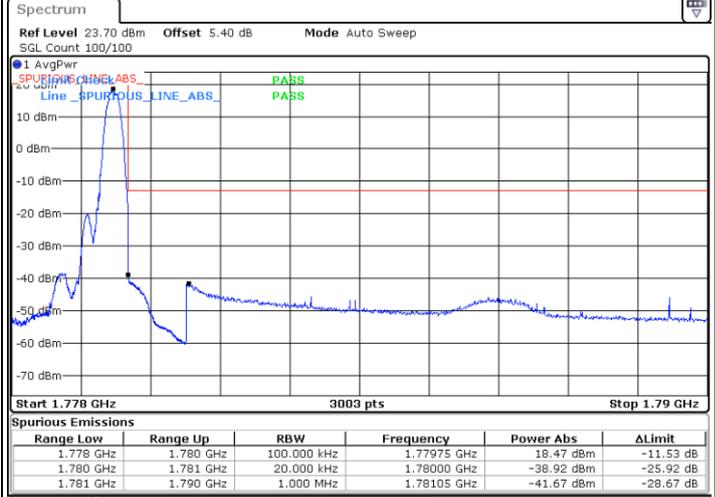
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 11. JAN 2021 19:10:44



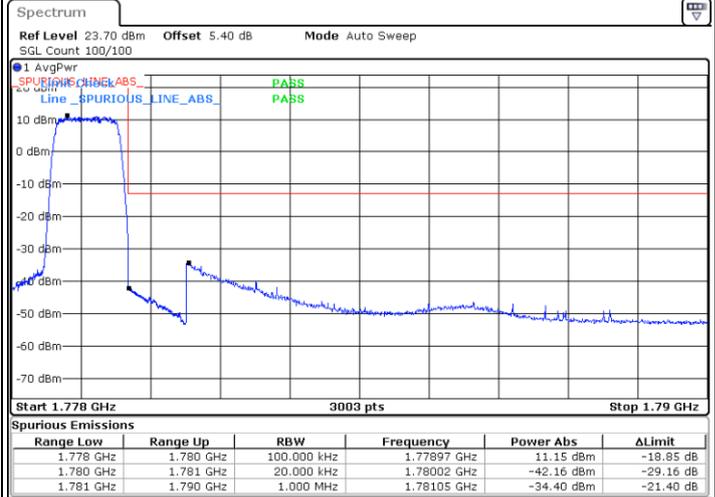
Date: 11. JAN 2021 19:27:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11. JAN 2021 19:24:36

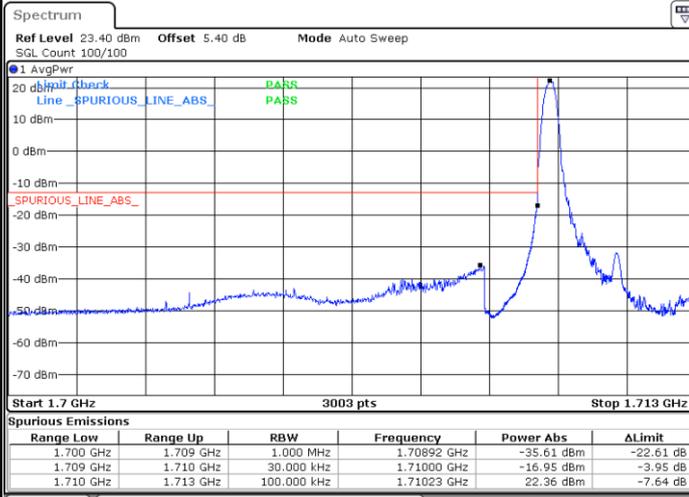


Date: 11. JAN 2021 19:26:04



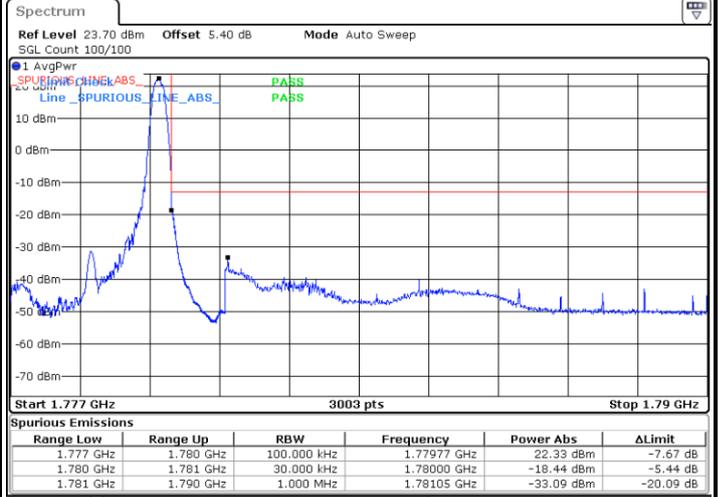
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



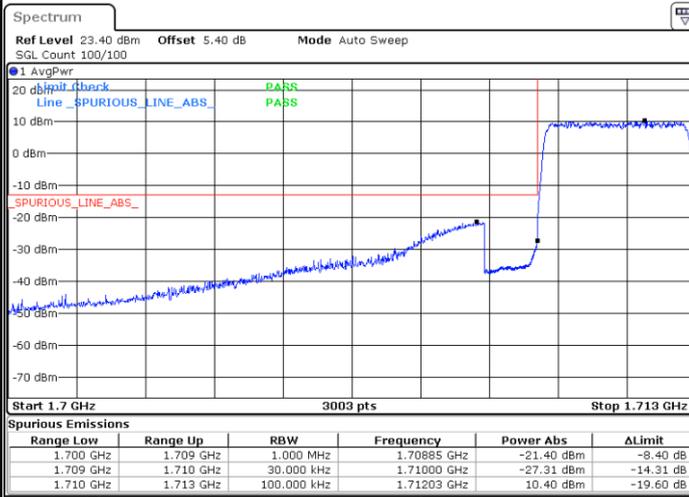
Date: 1.JAN.2021 12:02:21

Highest Band Edge / 1 RB



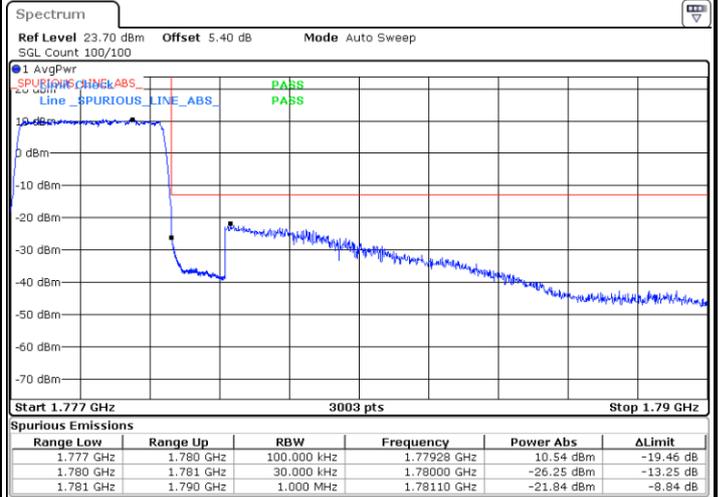
Date: 1.JAN.2021 12:09:28

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:05:16

Highest Band Edge / Full RB

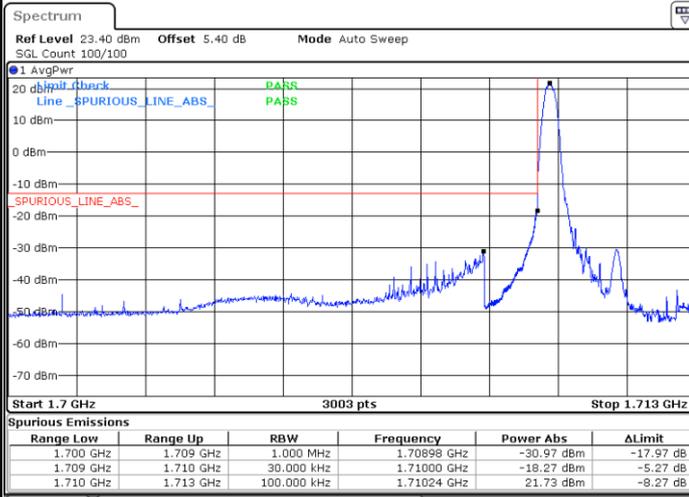


Date: 1.JAN.2021 12:06:14

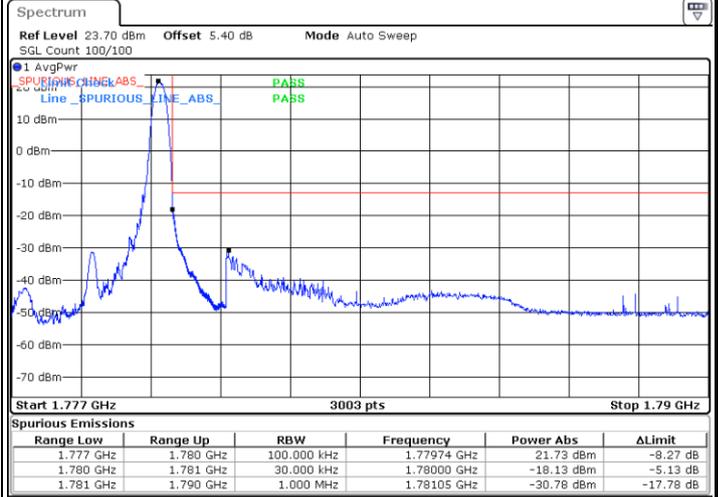


LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



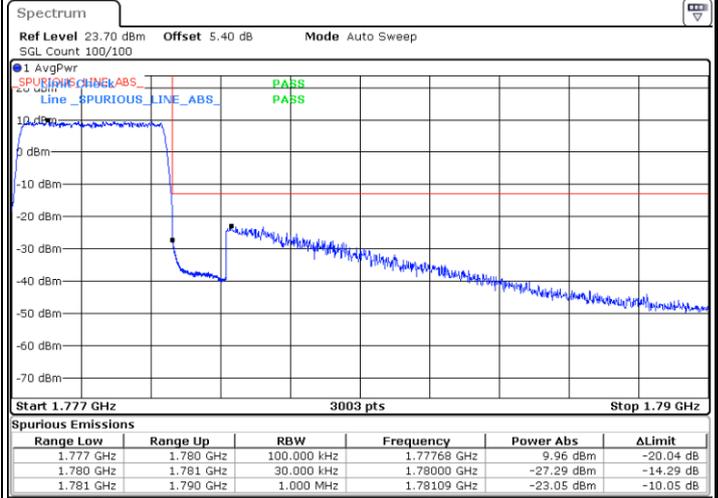
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



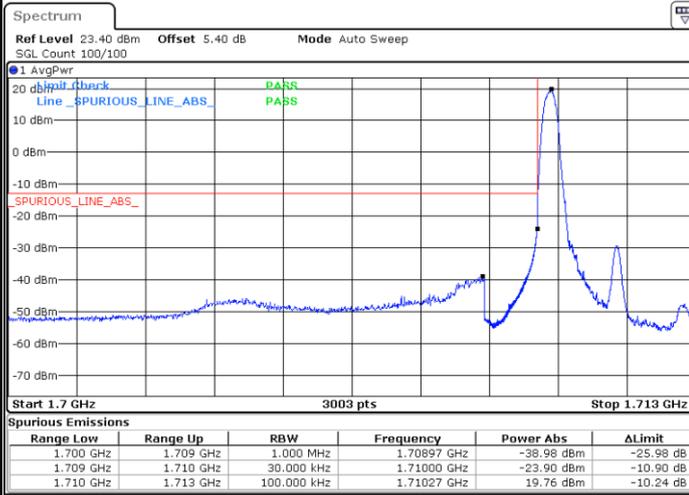
Highest Band Edge / Full RB



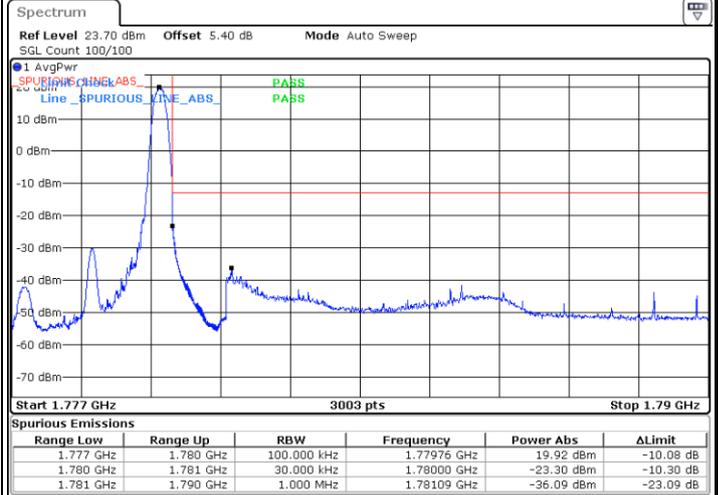


LTE Band 66 / 3MHz / 64QAM

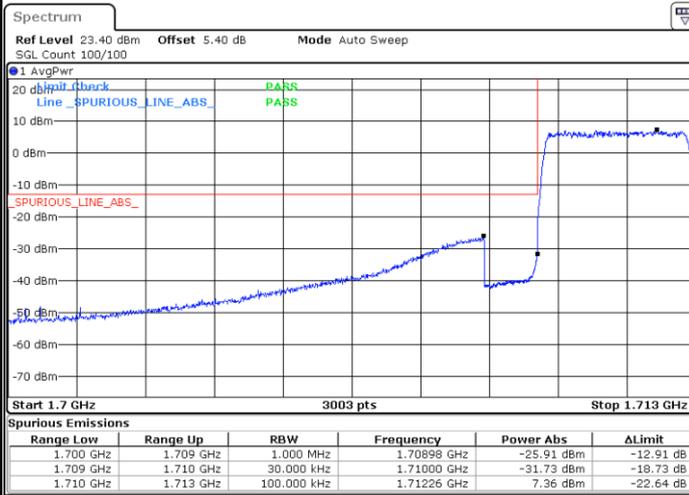
Lowest Band Edge / 1 RB



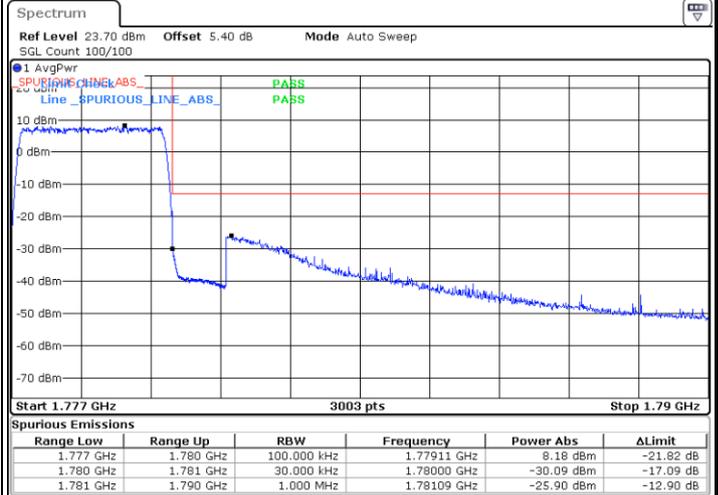
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



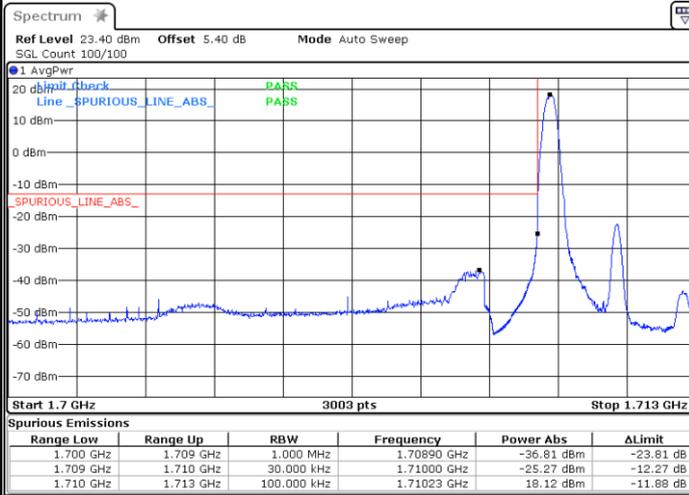
Highest Band Edge / Full RB





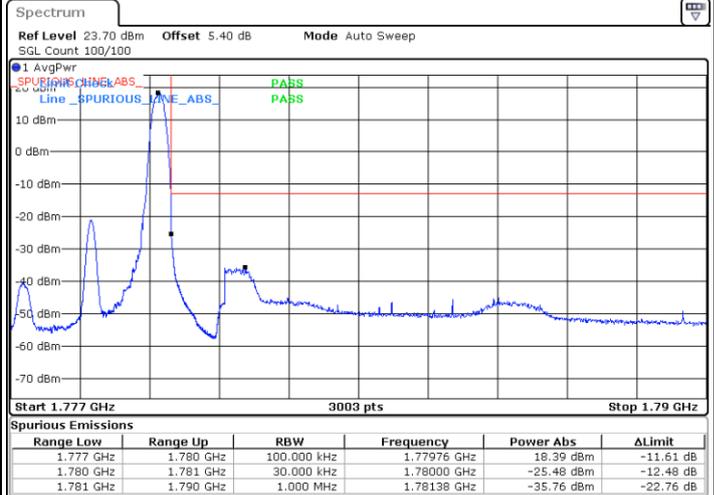
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



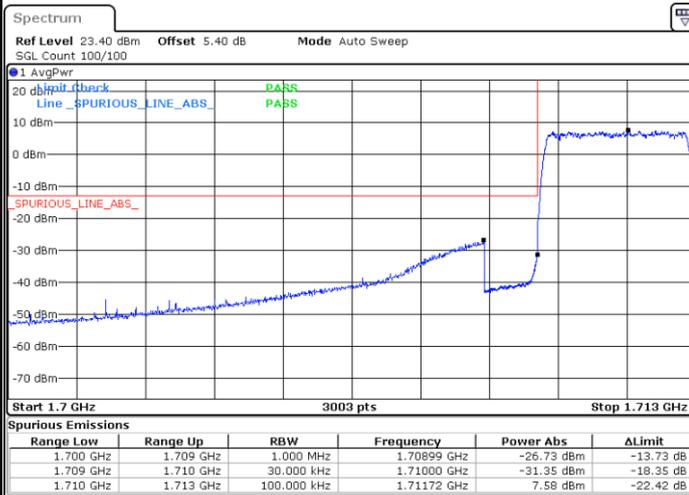
Date: 11 JAN 2021 19:36:55

Highest Band Edge / 1 RB



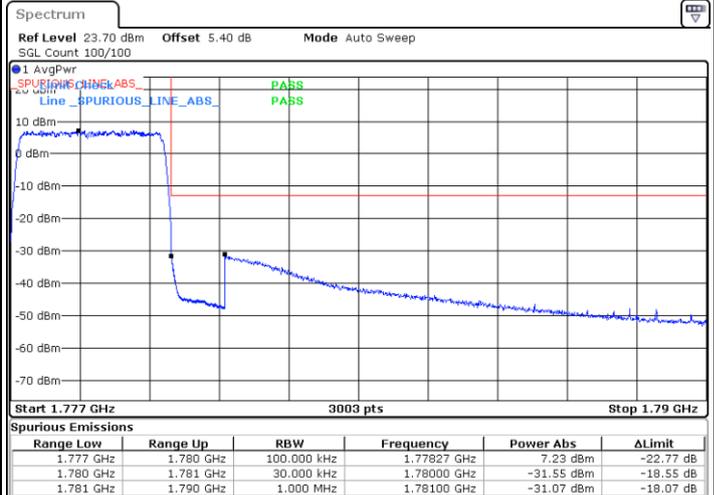
Date: 11 JAN 2021 19:39:50

Lowest Band Edge / Full RB



Date: 11 JAN 2021 19:38:13

Highest Band Edge / Full RB

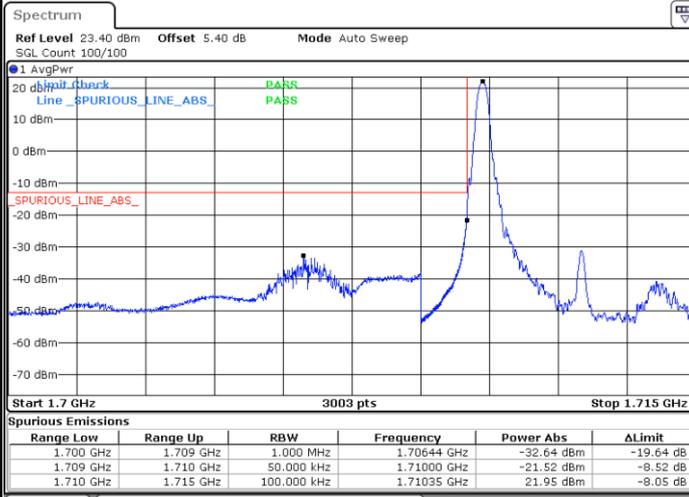


Date: 11 JAN 2021 19:39:05



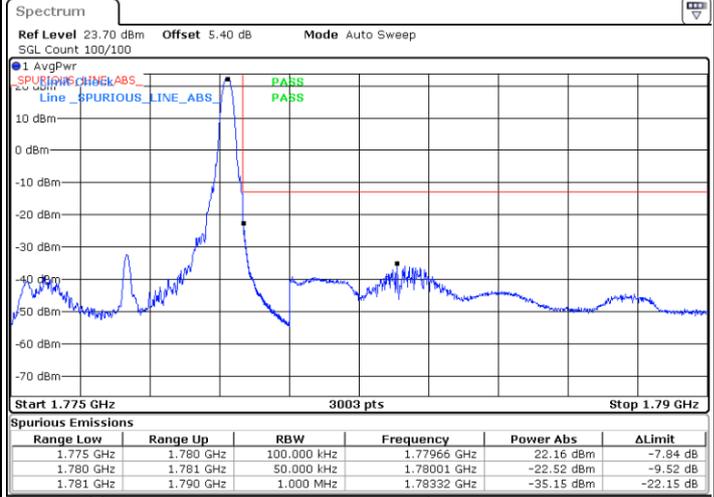
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



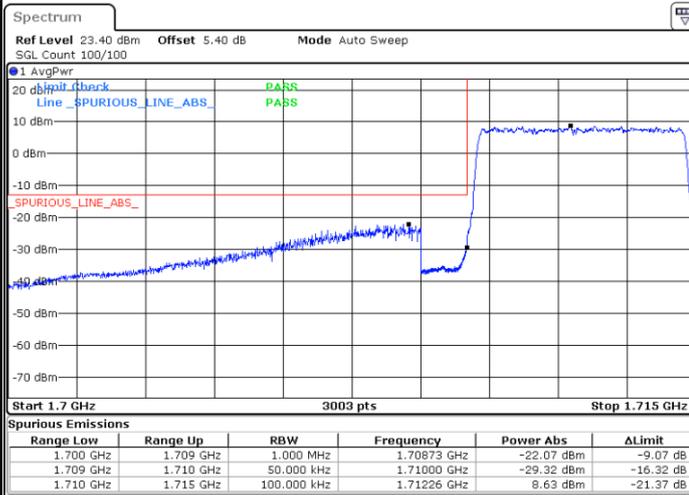
Date: 1.JAN.2021 12:11:39

Highest Band Edge / 1 RB



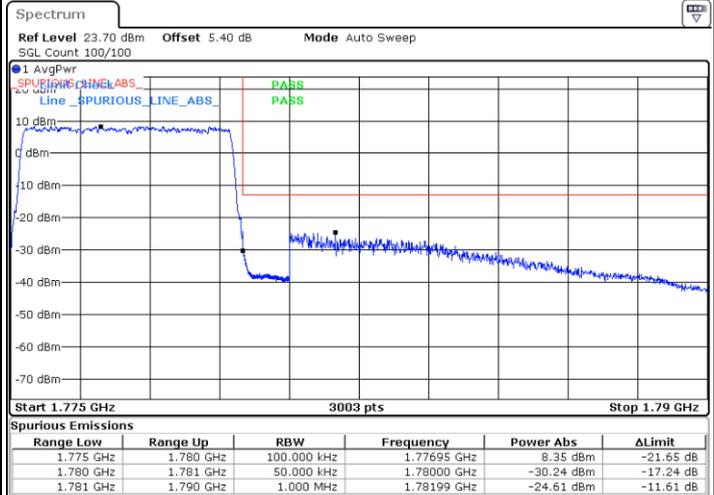
Date: 1.JAN.2021 12:13:16

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:10:12

Highest Band Edge / Full RB

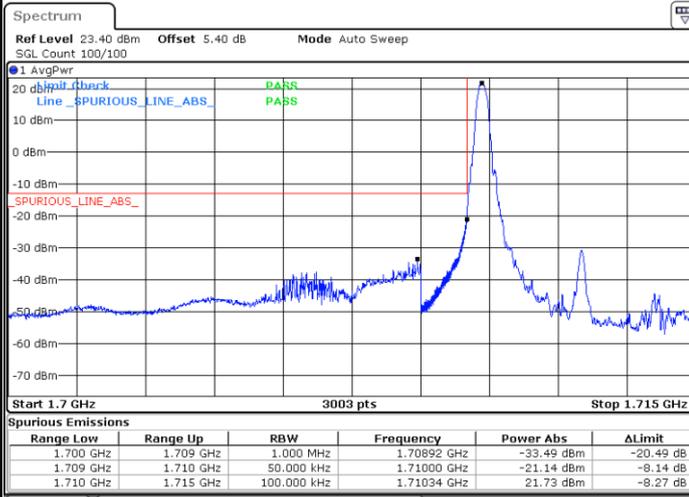


Date: 1.JAN.2021 12:14:50



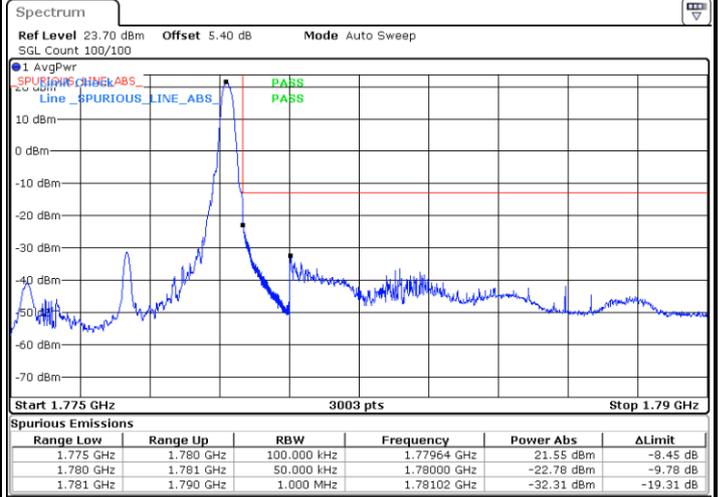
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



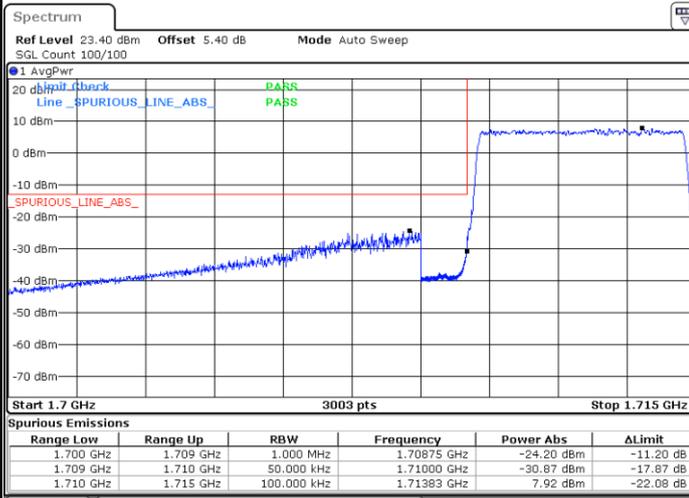
Date: 1.JAN.2021 12:11:22

Highest Band Edge / 1 RB



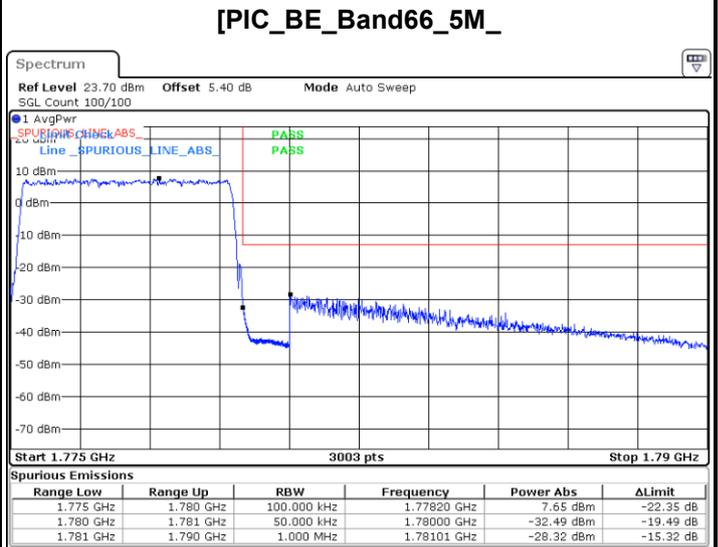
Date: 1.JAN.2021 12:13:35

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:10:29

Highest Band Edge / Full RB



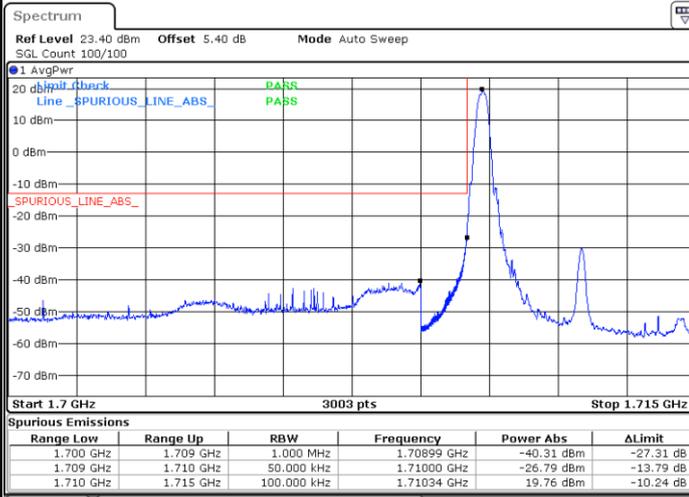
Date: 1.JAN.2021 12:14:34

[PIC_BE_Band66_5M_



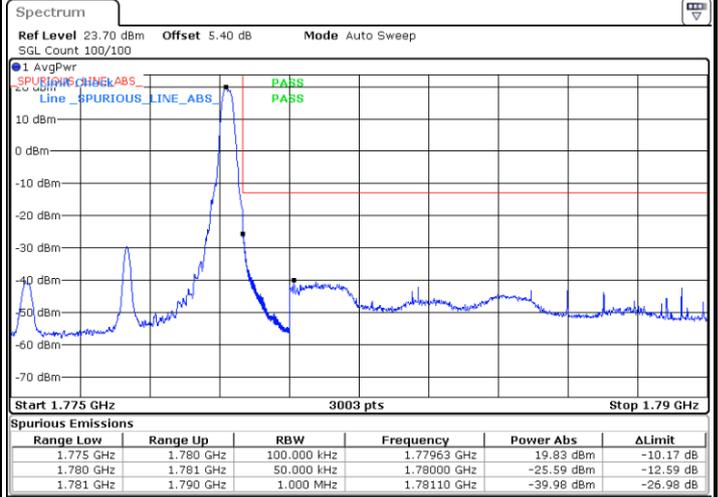
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 1.JAN.2021 12:11:04

Highest Band Edge / 1 RB



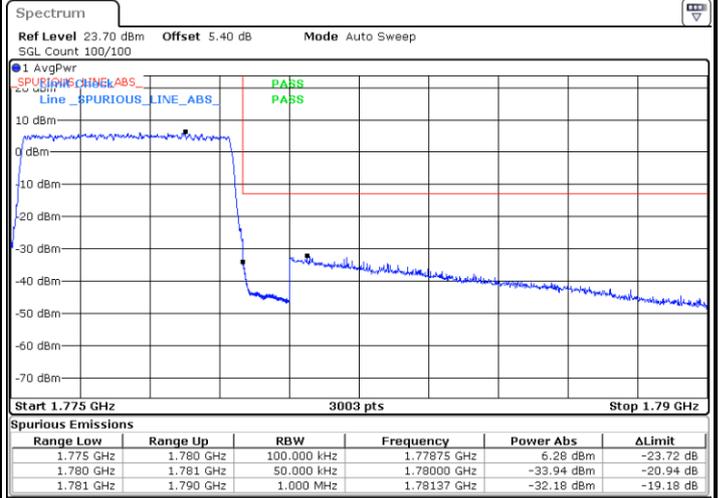
Date: 1.JAN.2021 12:13:55

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:10:46

Highest Band Edge / Full RB

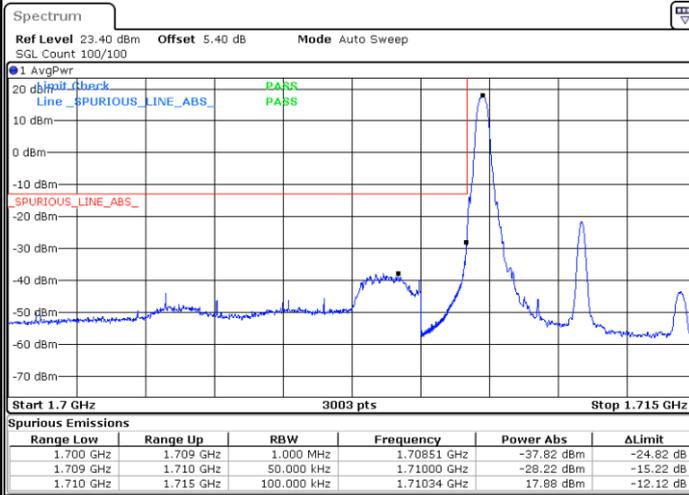


Date: 1.JAN.2021 12:14:15



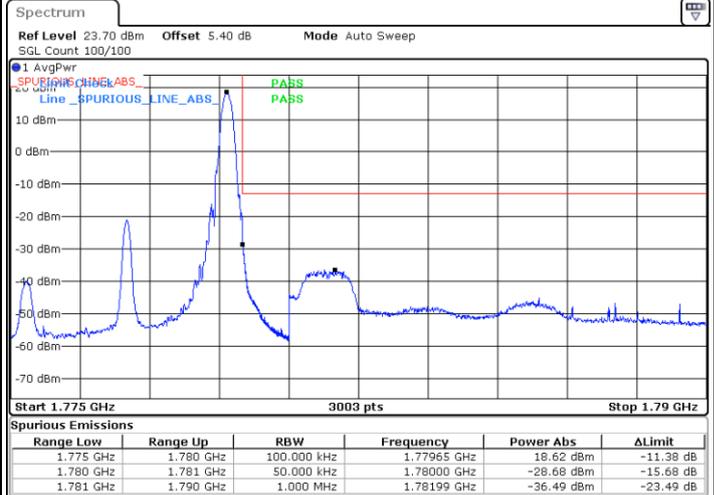
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



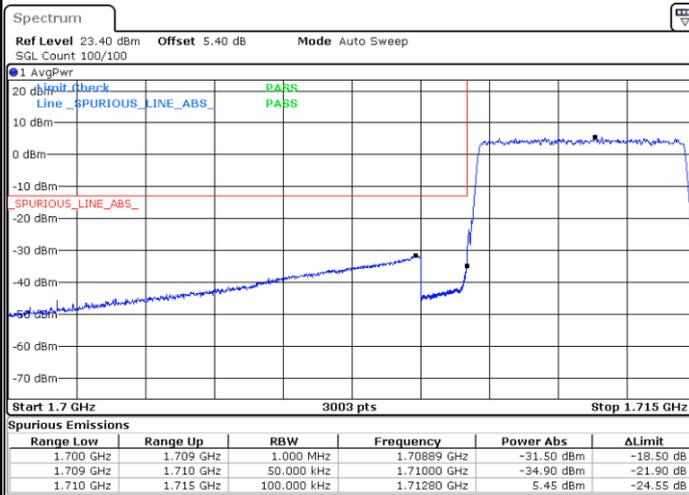
Date: 11 JAN 2021 19:44:49

Highest Band Edge / 1 RB



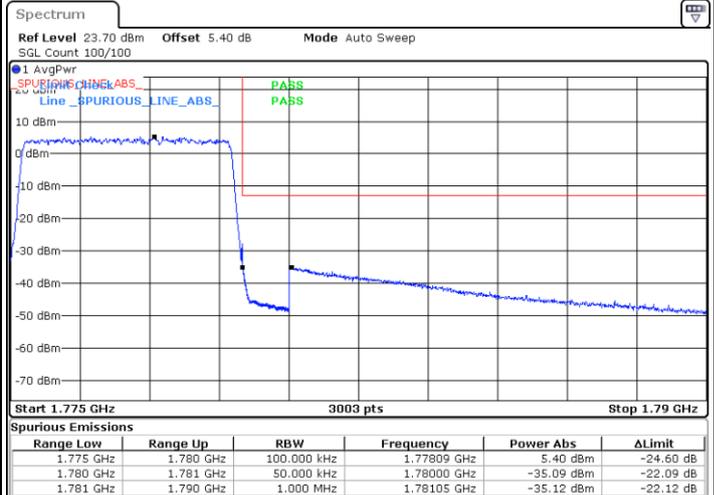
Date: 11 JAN 2021 20:14:41

Lowest Band Edge / Full RB



Date: 11 JAN 2021 19:46:07

Highest Band Edge / Full RB

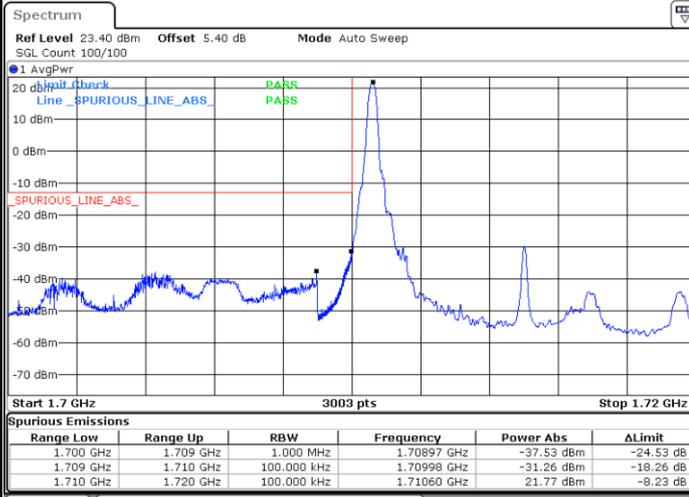


Date: 11 JAN 2021 19:47:22



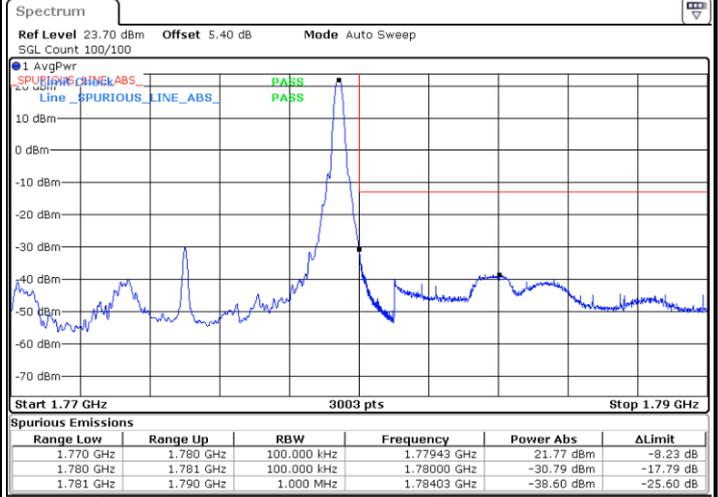
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



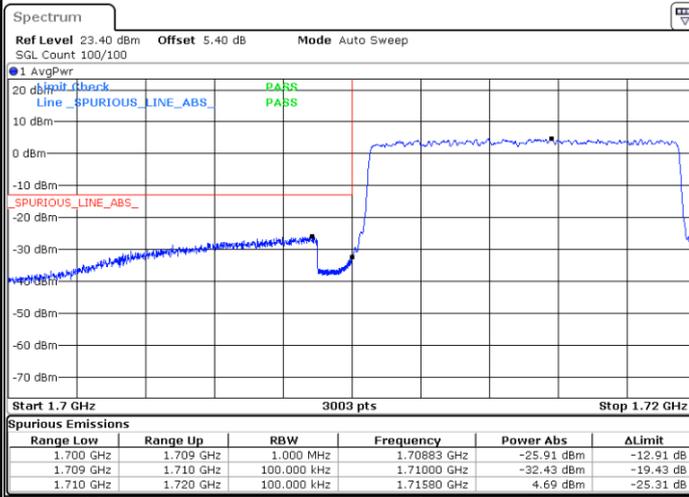
Date: 1.JAN.2021 12:16:54

Highest Band Edge / 1 RB



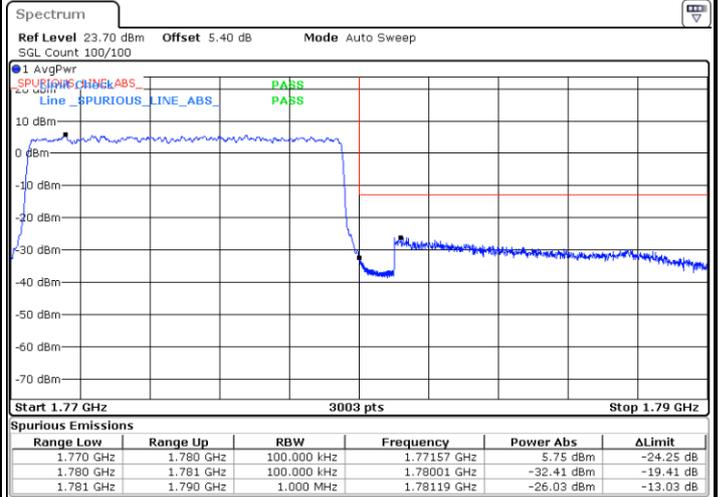
Date: 1.JAN.2021 12:18:04

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:16:11

Highest Band Edge / Full RB

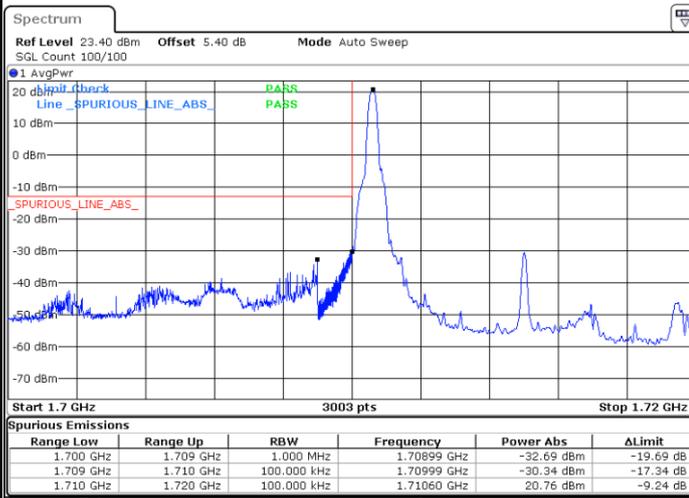


Date: 1.JAN.2021 12:19:19



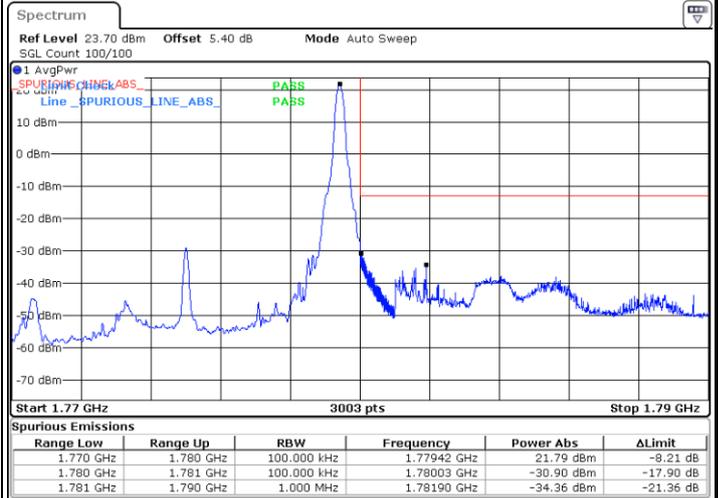
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



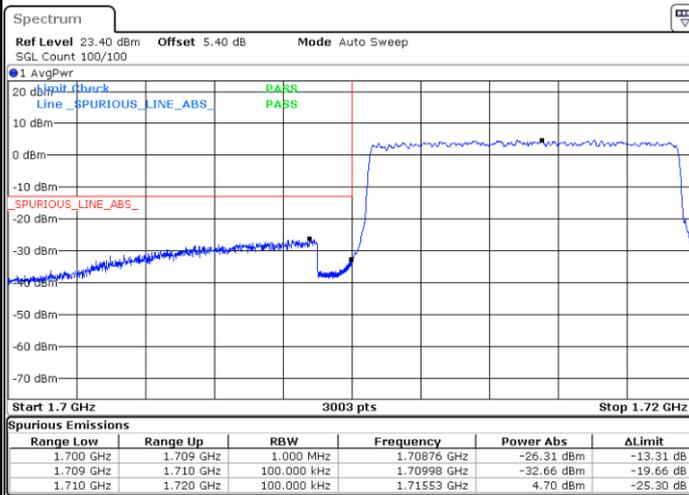
Date: 1.JAN.2021 12:17:06

Highest Band Edge / 1 RB



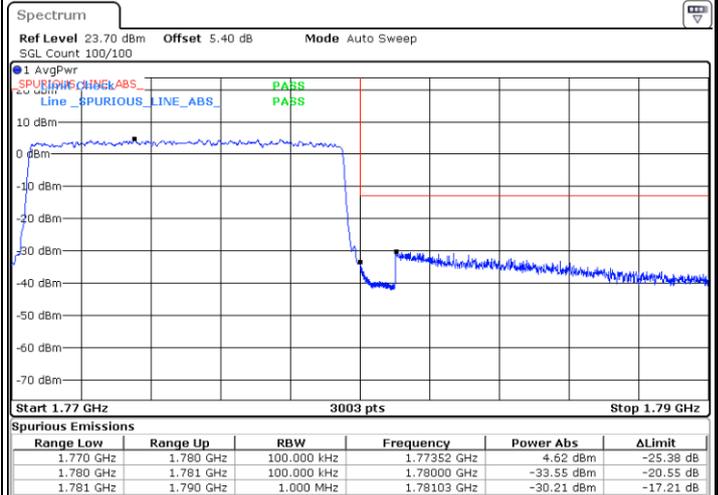
Date: 1.JAN.2021 12:18:15

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:16:33

Highest Band Edge / Full RB

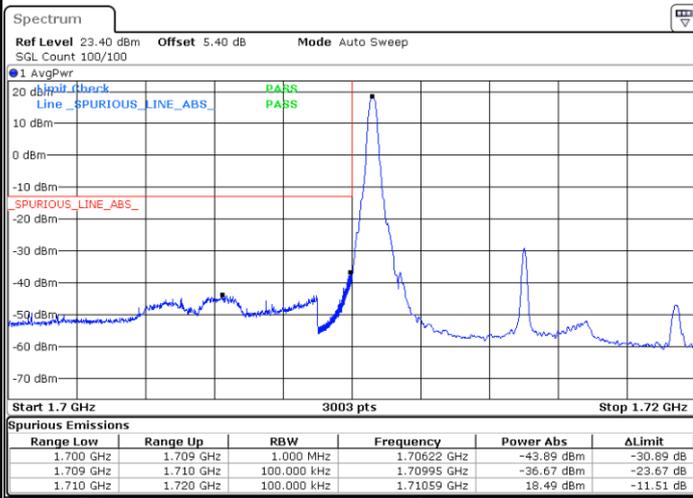


Date: 1.JAN.2021 12:18:58



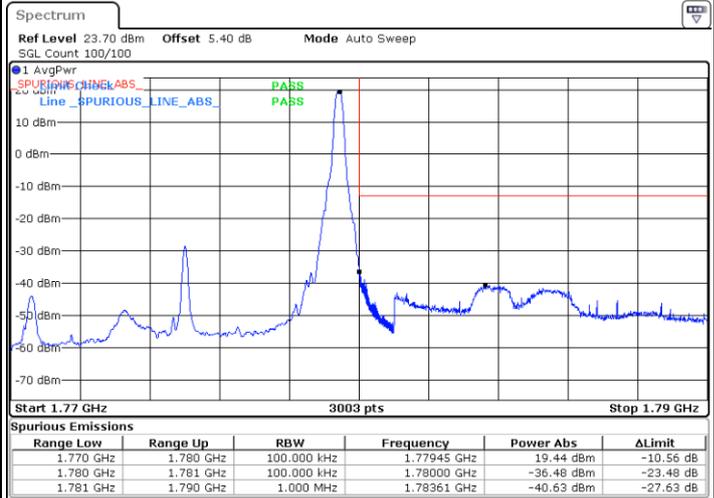
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



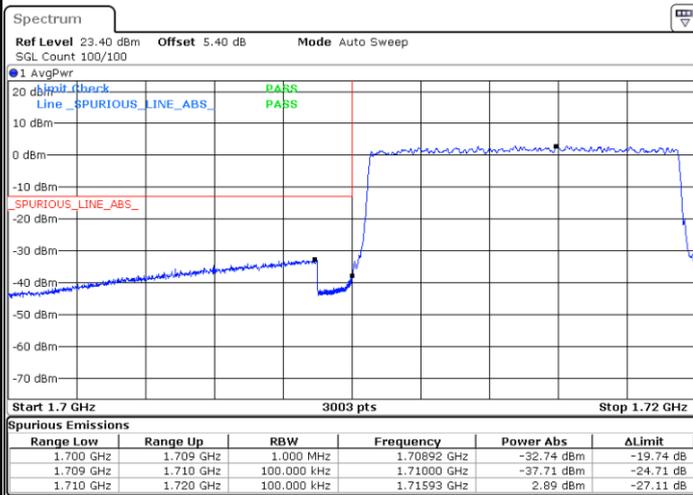
Date: 1.JAN.2021 12:17:19

Highest Band Edge / 1 RB



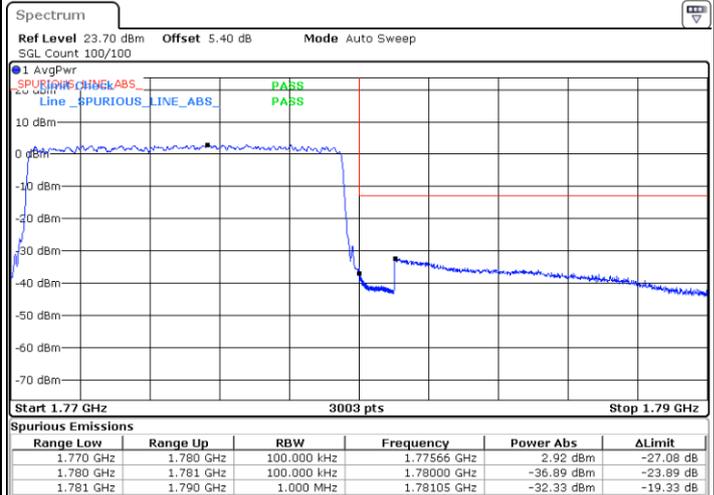
Date: 1.JAN.2021 12:18:26

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:16:23

Highest Band Edge / Full RB

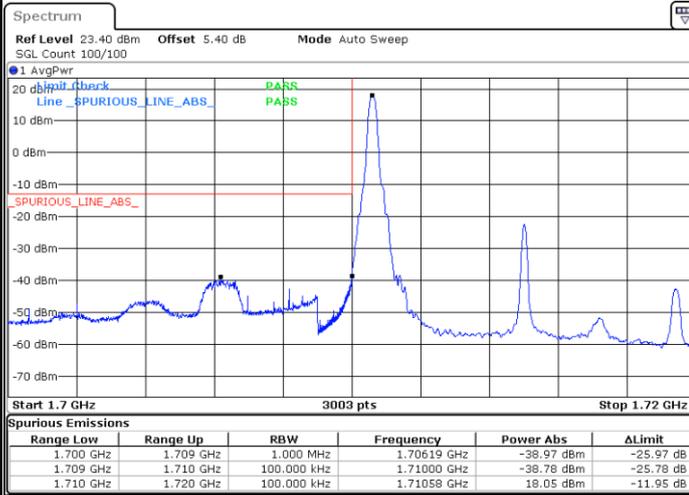


Date: 1.JAN.2021 12:18:44



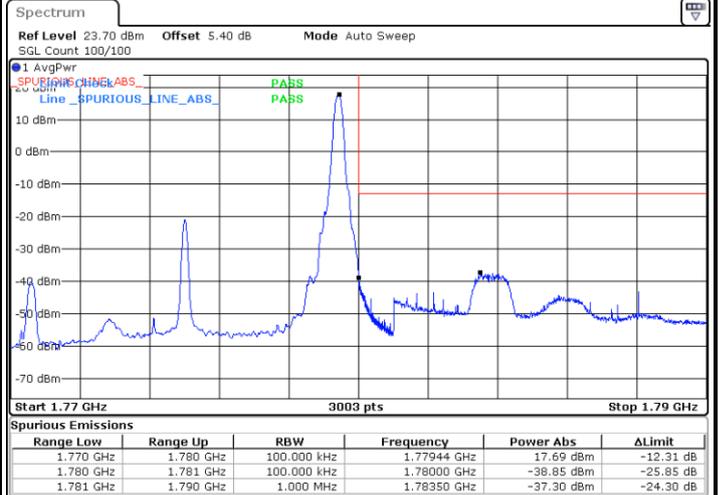
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



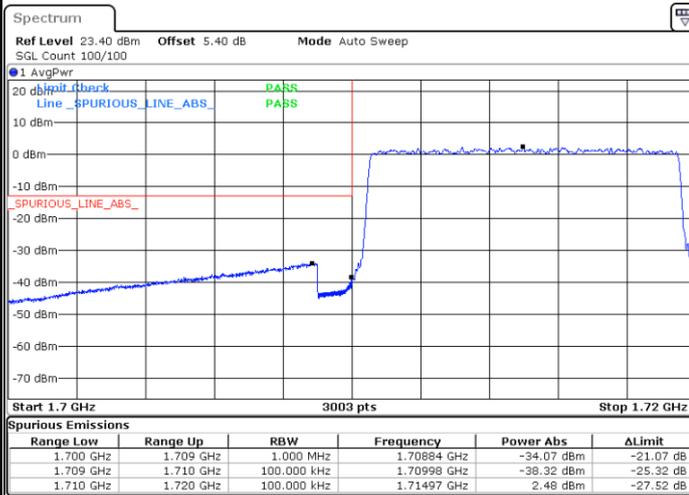
Date: 11.JAN.2021 20:16:47

Highest Band Edge / 1 RB



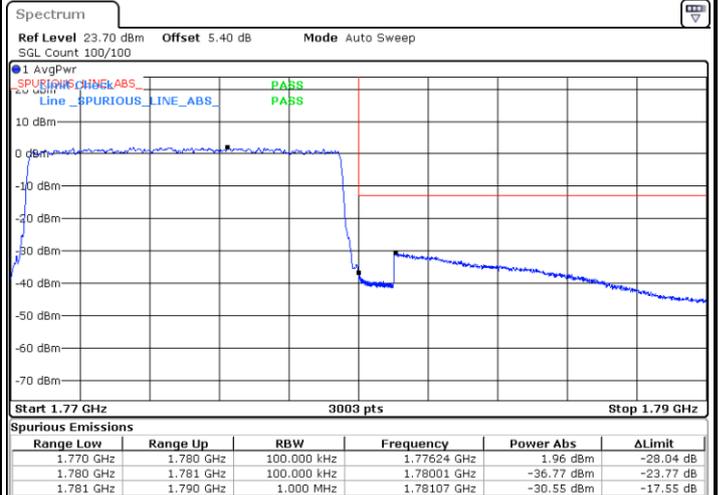
Date: 11.JAN.2021 20:18:48

Lowest Band Edge / Full RB



Date: 11.JAN.2021 20:17:05

Highest Band Edge / Full RB

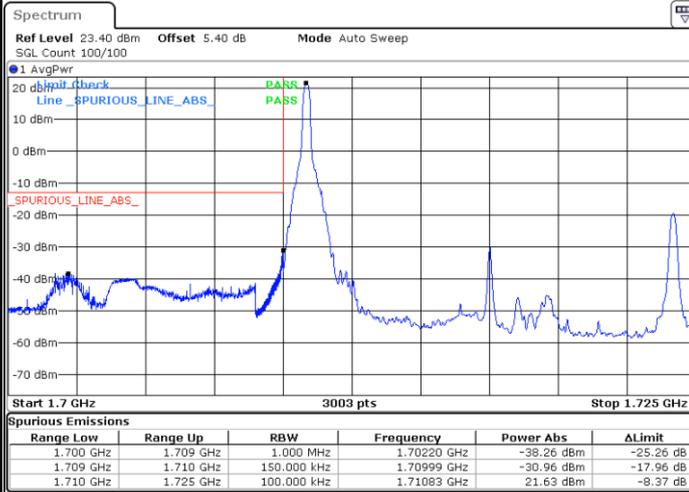


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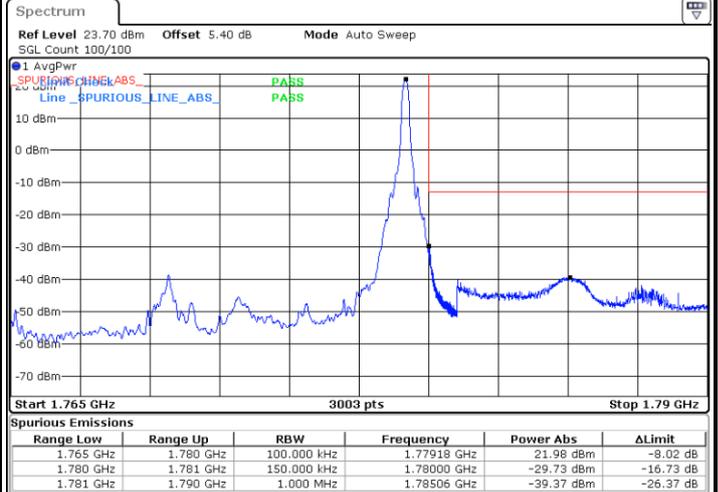
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



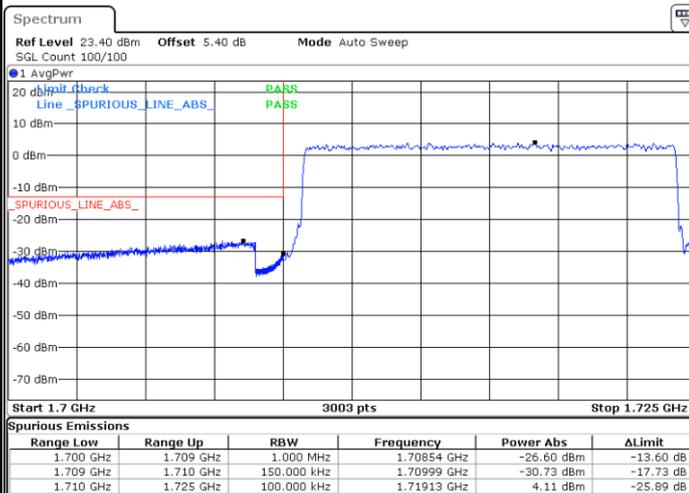
Date: 1.JAN.2021 12:21:19

Highest Band Edge / 1 RB



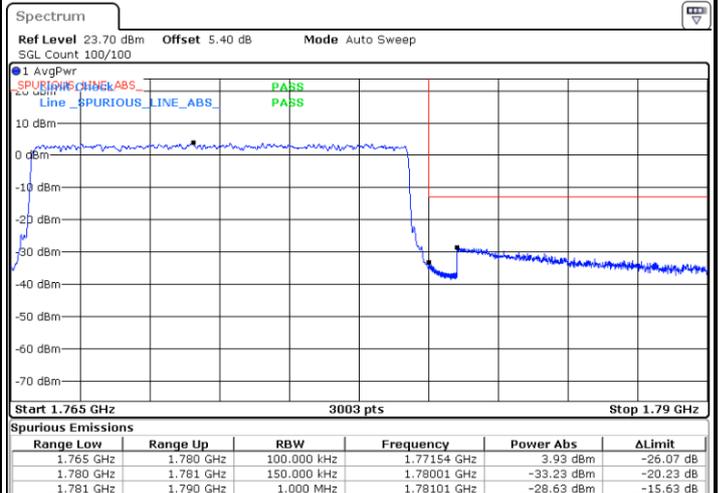
Date: 1.JAN.2021 12:21:42

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:20:27

Highest Band Edge / Full RB

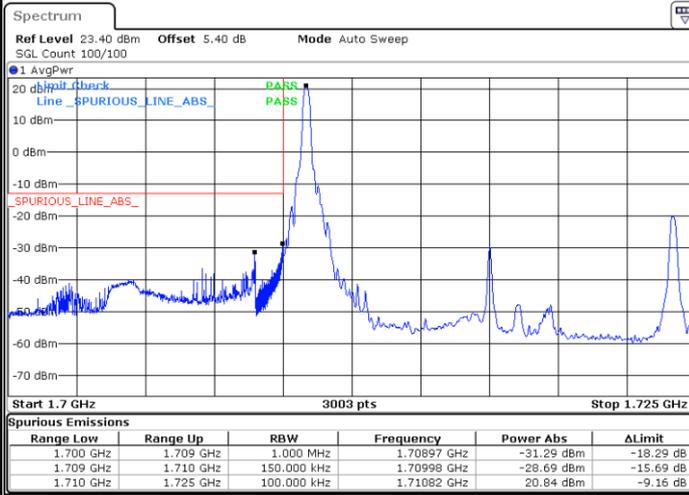


Date: 1.JAN.2021 12:22:52



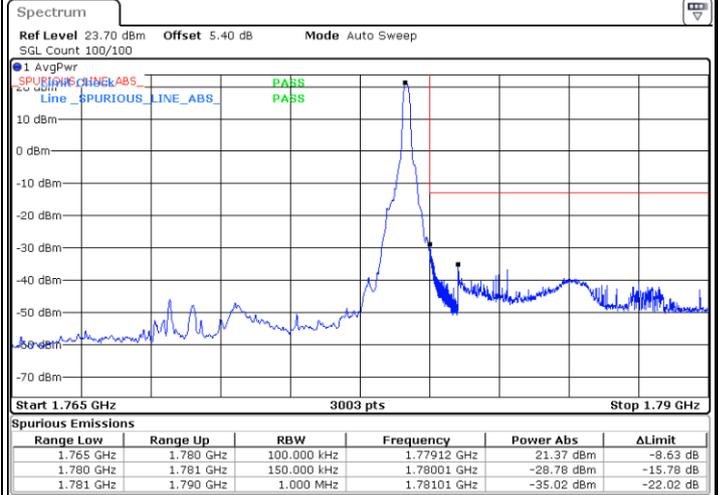
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



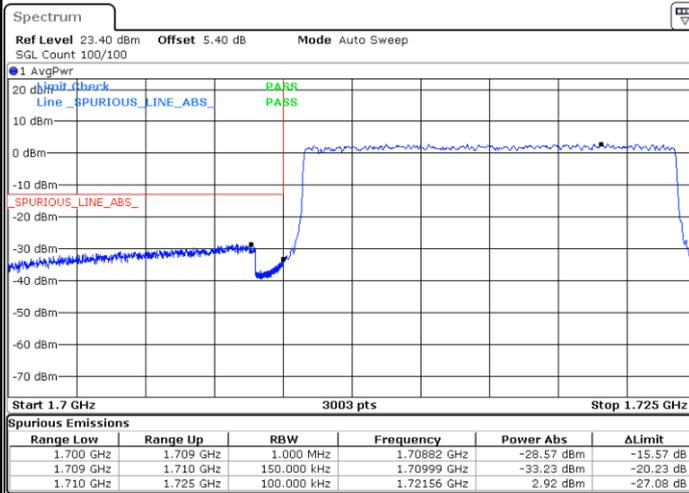
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Highest Band Edge / 1 RB



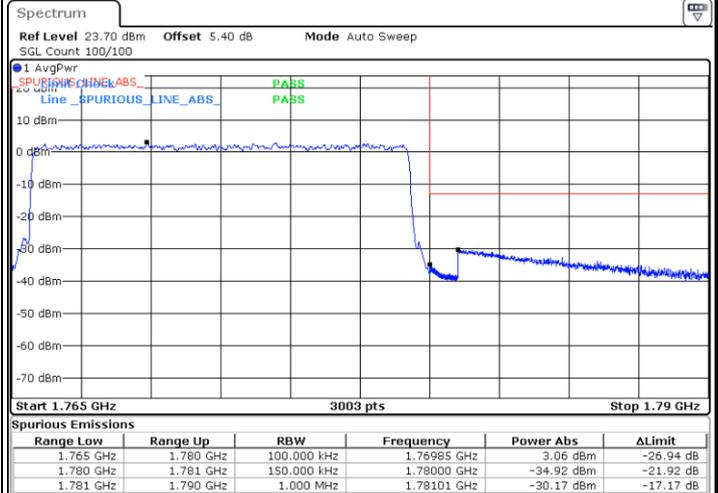
Date: 1.JAN.2021 12:21:52

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:20:39

Highest Band Edge / Full RB

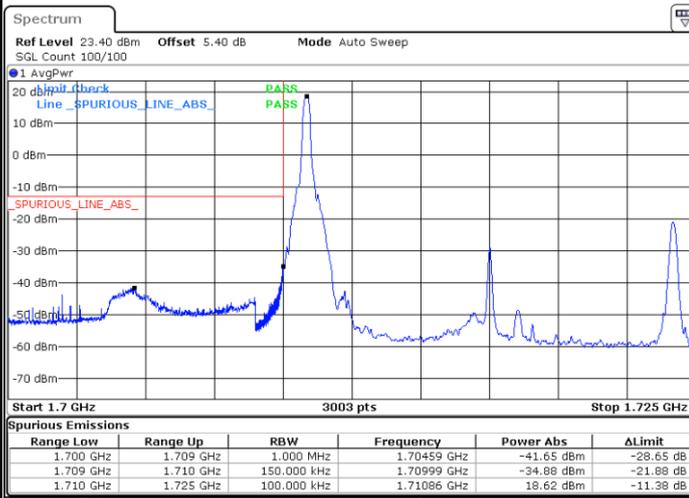


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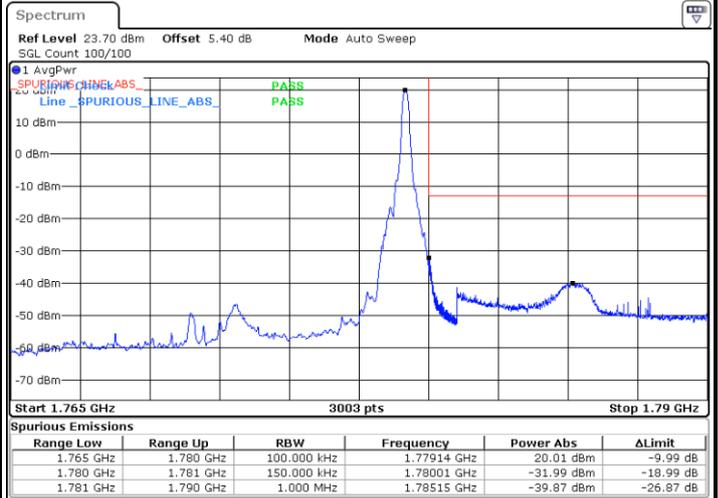
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



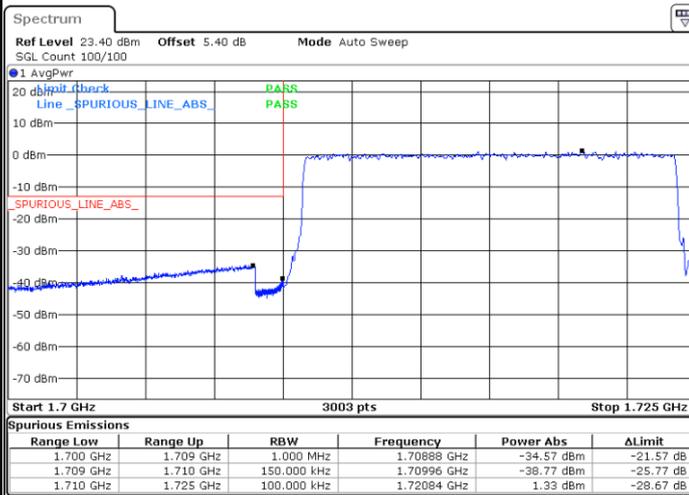
Date: 1.JAN.2021 12:20:59

Highest Band Edge / 1 RB



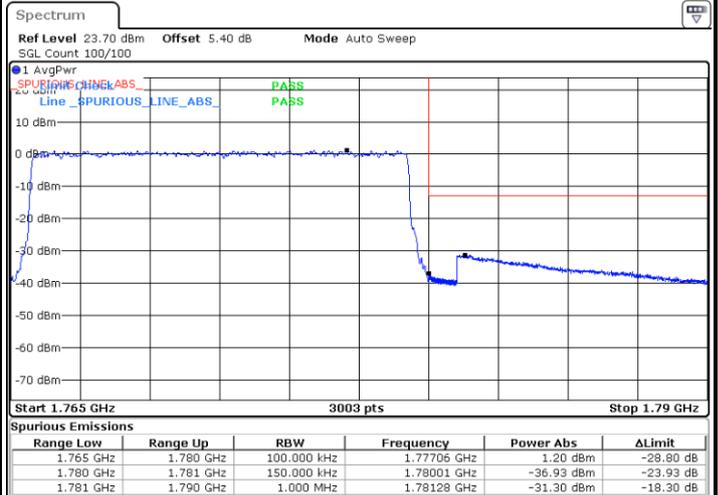
Date: 1.JAN.2021 12:22:01

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:20:48

Highest Band Edge / Full RB

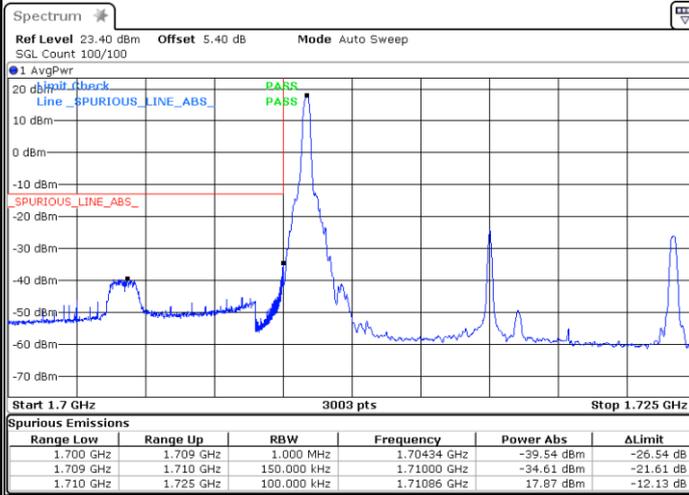


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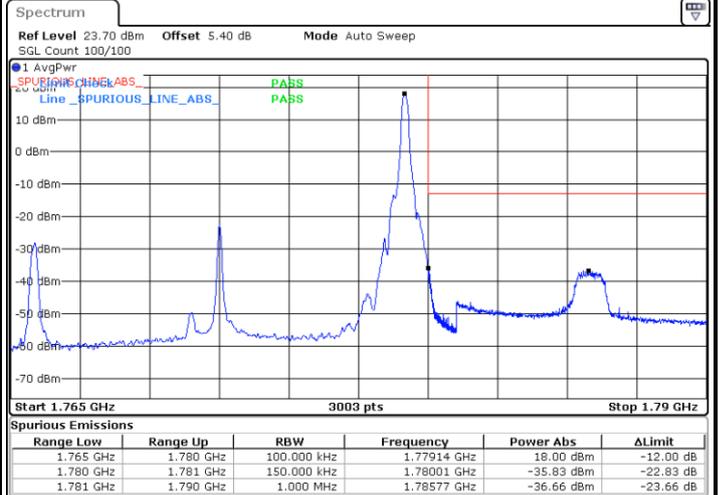
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



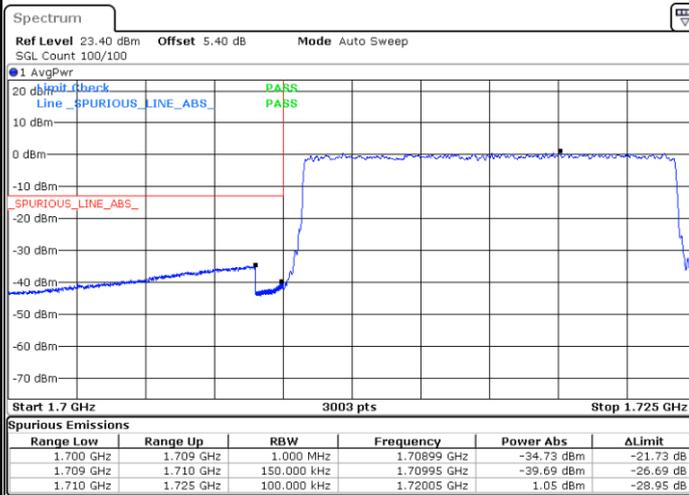
Date: 11.JAN.2021 20:19:54

Highest Band Edge / 1 RB



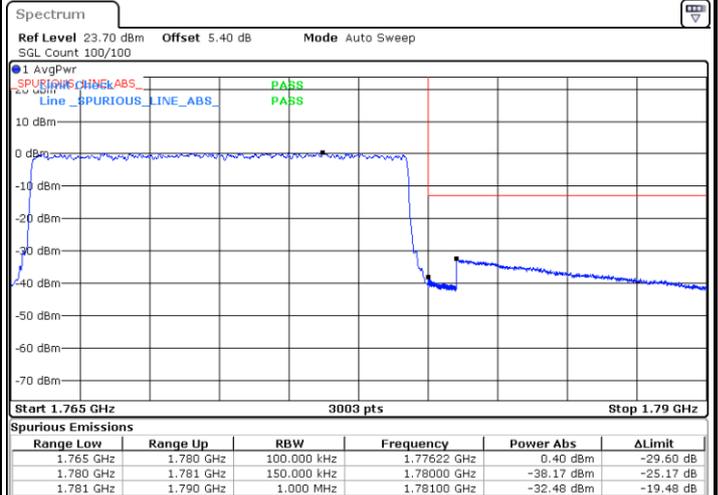
Date: 11.JAN.2021 20:23:18

Lowest Band Edge / Full RB



Date: 11.JAN.2021 20:22:19

Highest Band Edge / Full RB

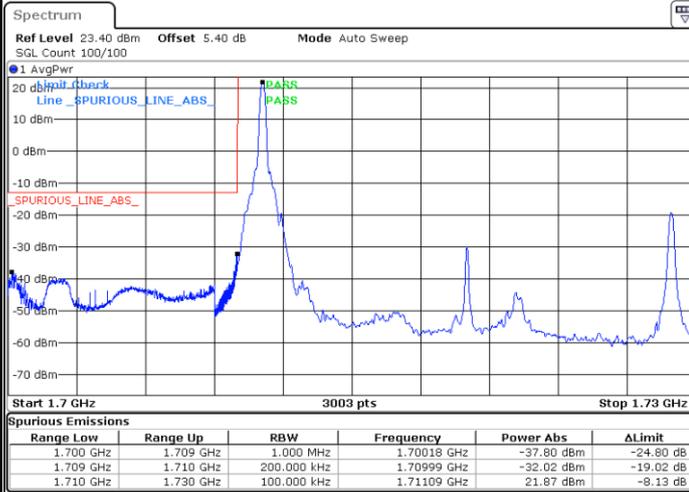


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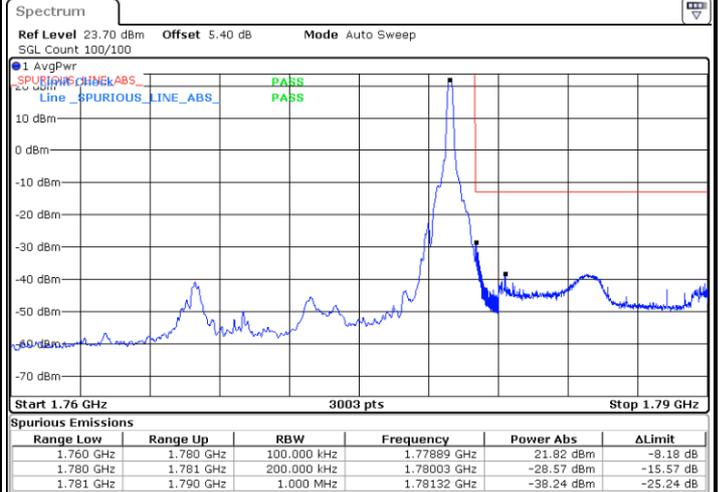
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



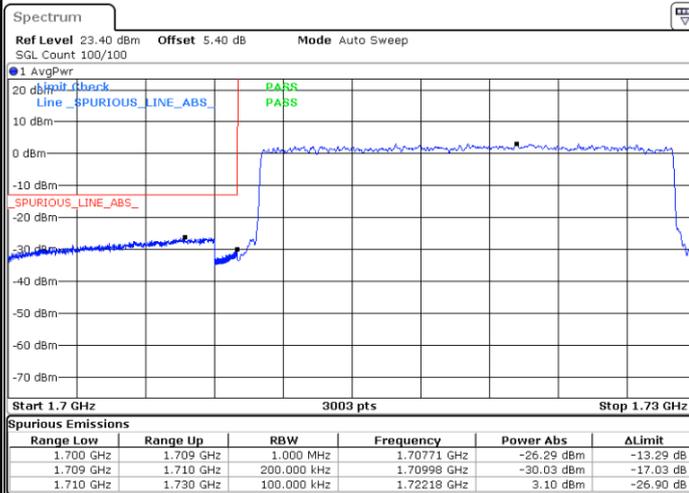
Date: 1.JAN.2021 12:24:33

Highest Band Edge / 1 RB



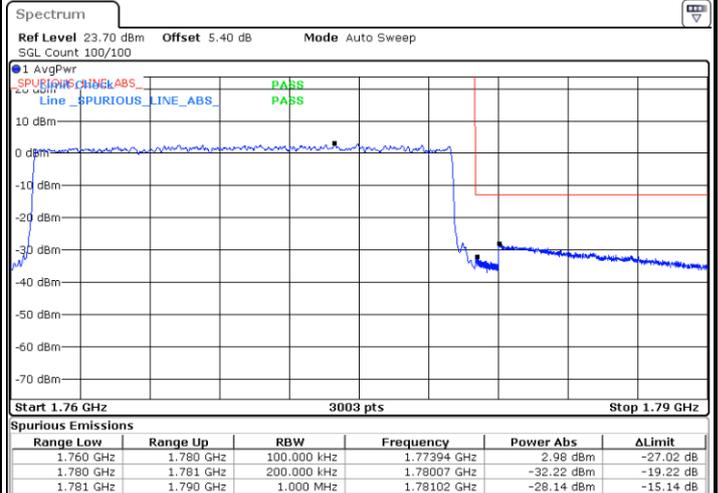
Date: 1.JAN.2021 12:25:00

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:23:34

Highest Band Edge / Full RB

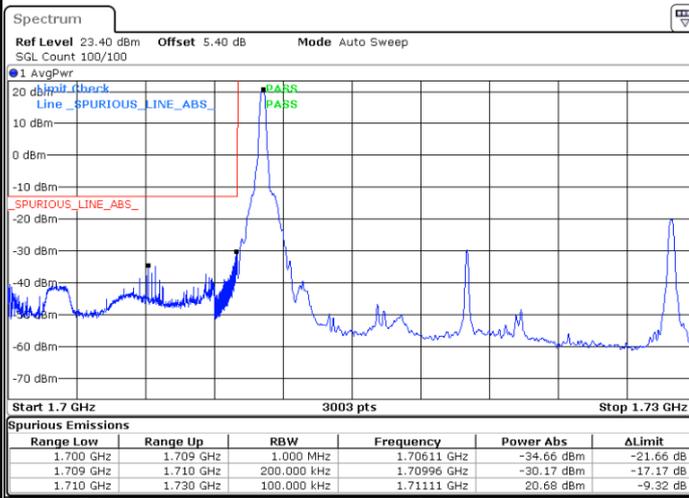


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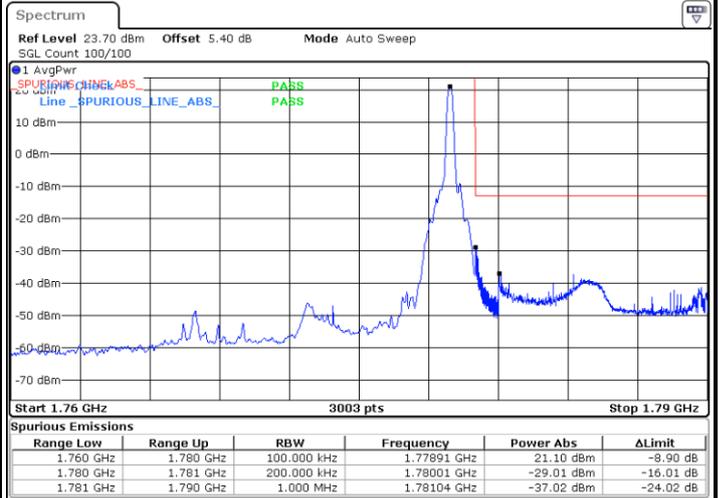
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



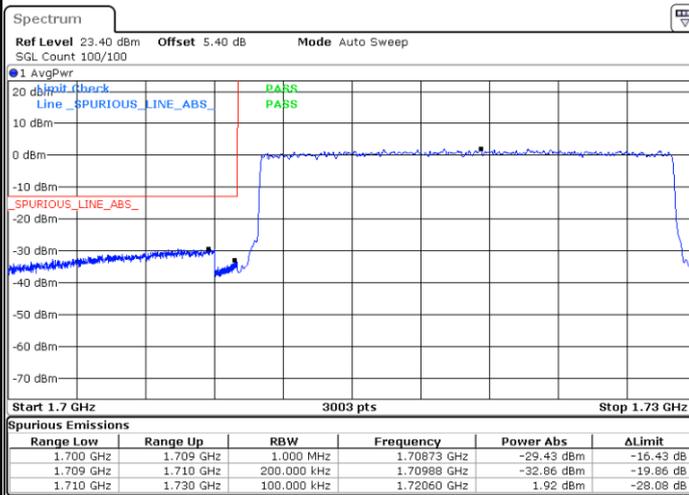
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Highest Band Edge / 1 RB



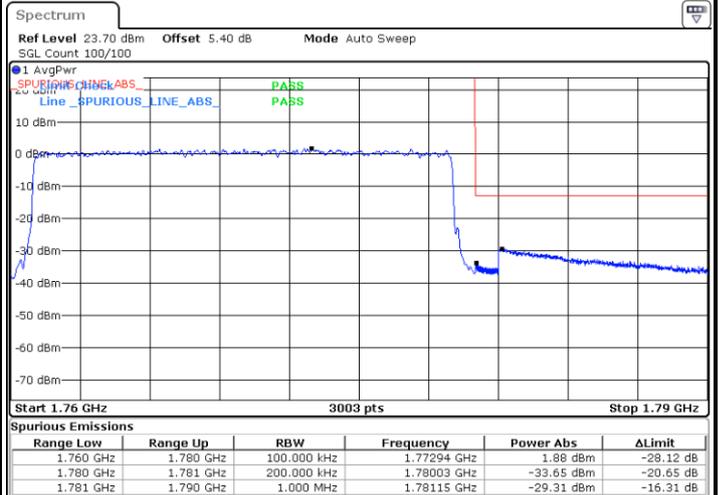
Date: 1.JAN.2021 12:25:10

Lowest Band Edge / Full RB



Date: 1.JAN.2021 12:23:47

Highest Band Edge / Full RB



Date: 1.JAN.2021 12:25:50