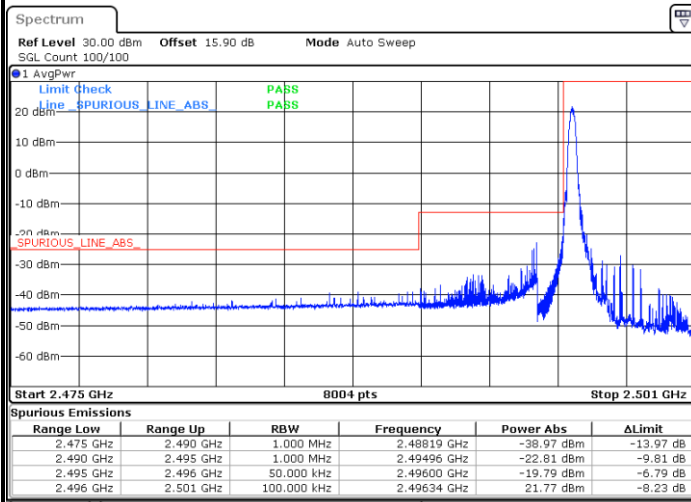




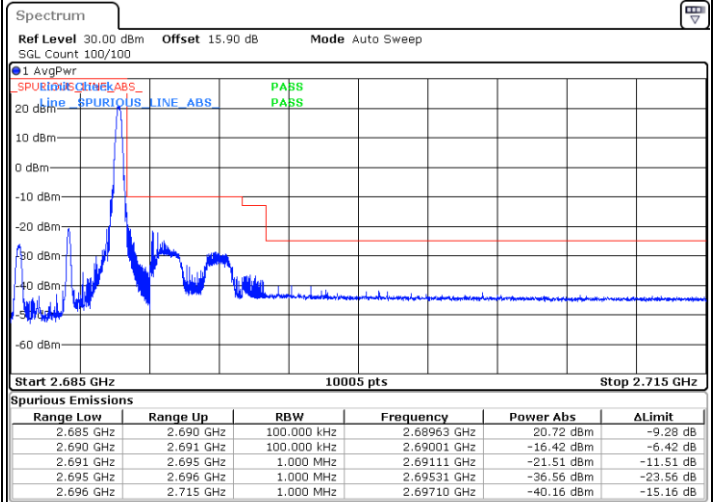
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



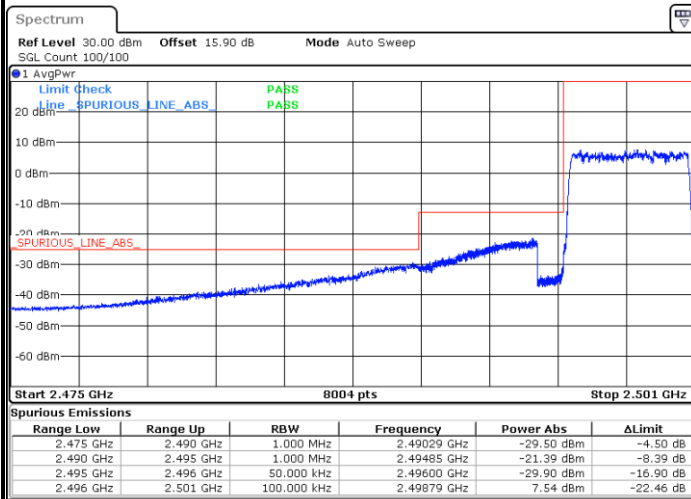
Date: 11.FEB.2020 20:56:13

Highest Band Edge / 1 RB



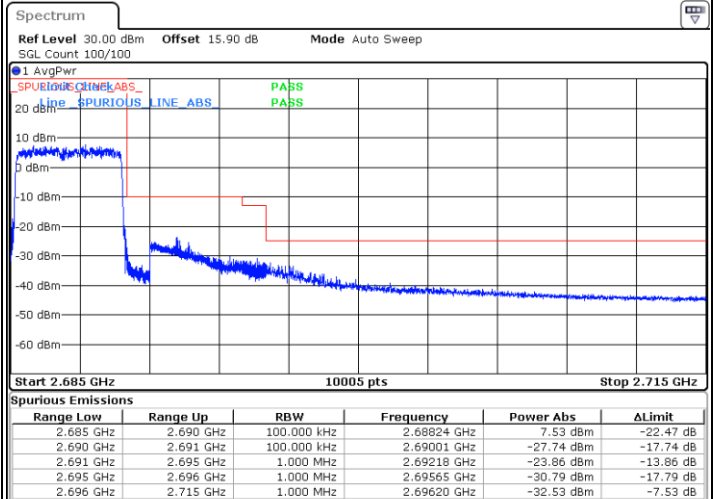
Date: 11.FEB.2020 20:58:35

Lowest Band Edge / Full RB



Date: 11.FEB.2020 20:57:24

Highest Band Edge / Full RB

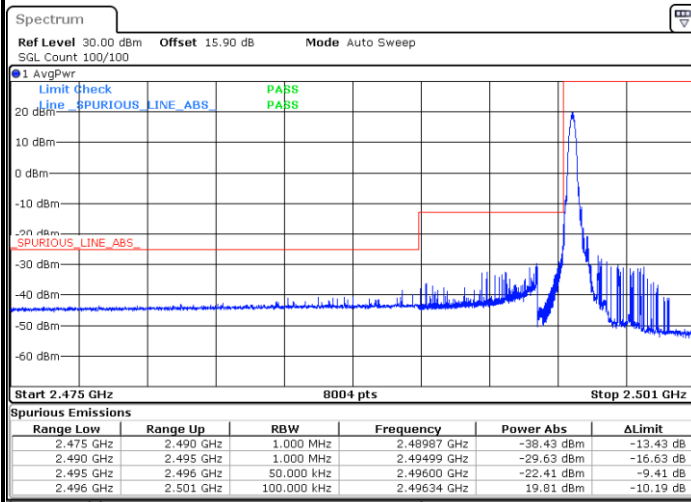


Date: 12.FEB.2020 00:14:59

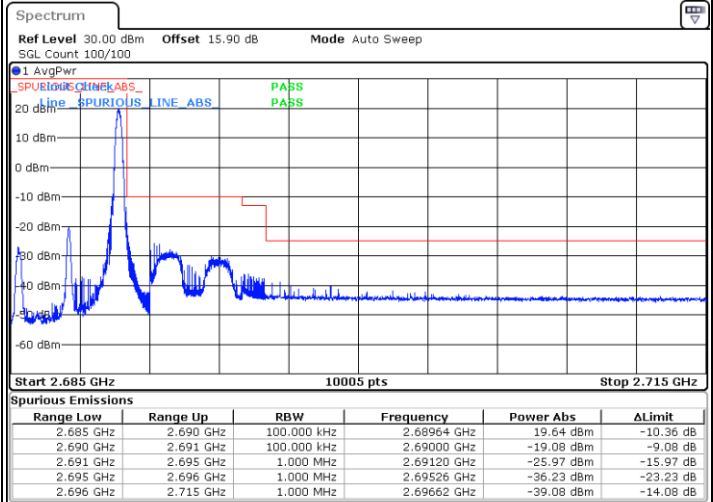


LTE Band 41 / 5MHz / 64QAM

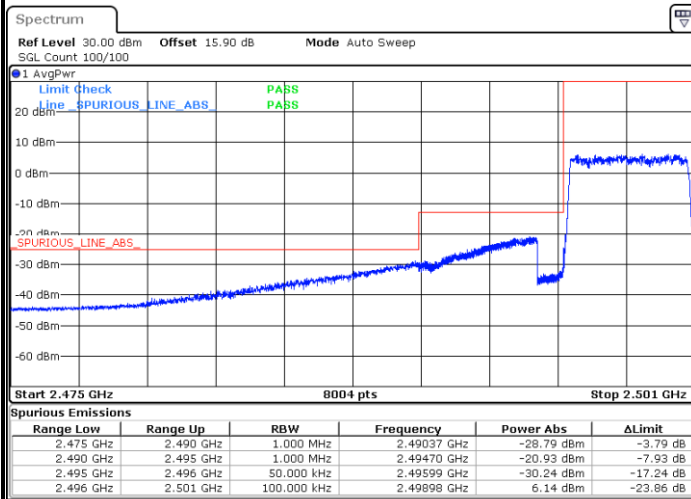
Lowest Band Edge / 1RB



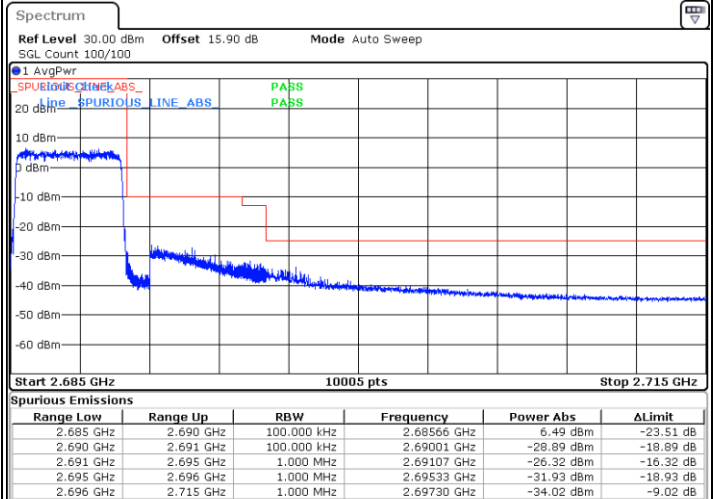
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



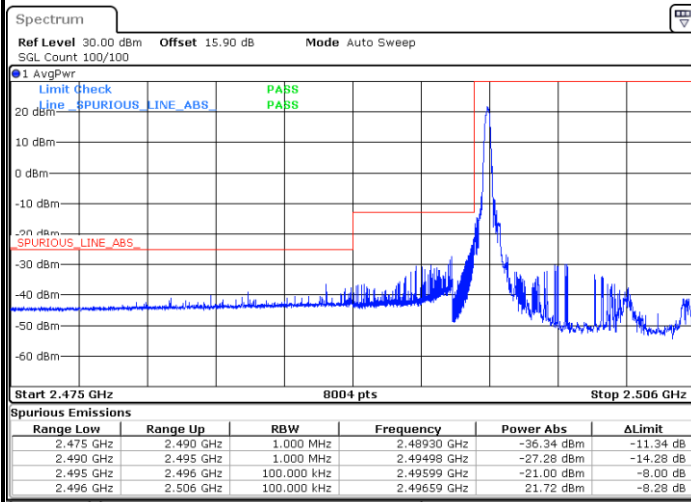
Highest Band Edge / Full RB



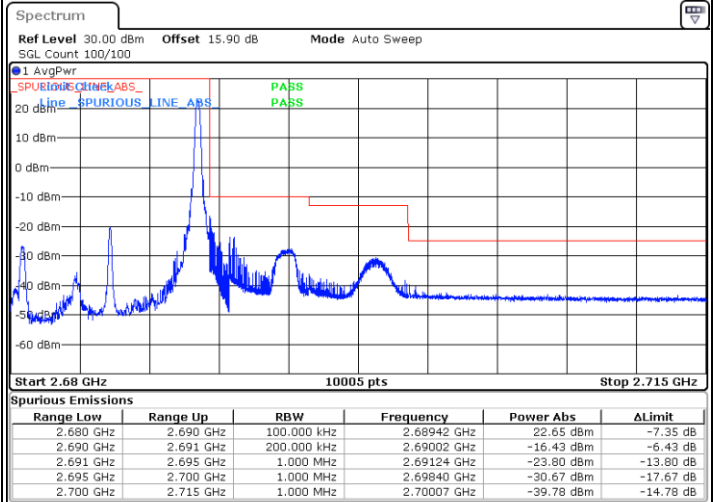


LTE Band 41 / 10MHz / QPSK

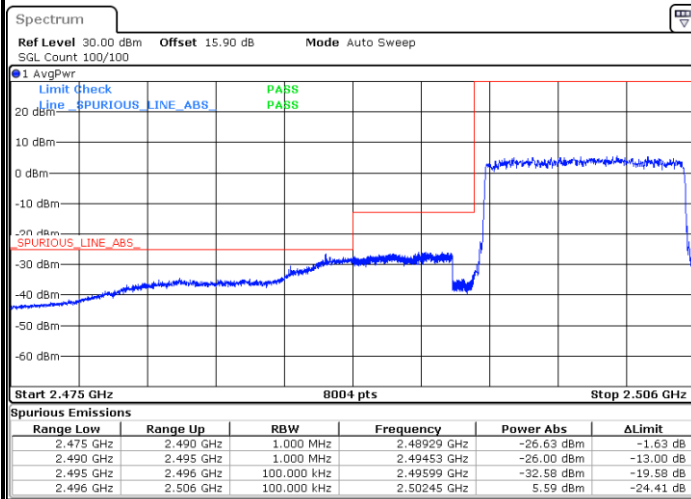
Lowest Band Edge / 1 RB



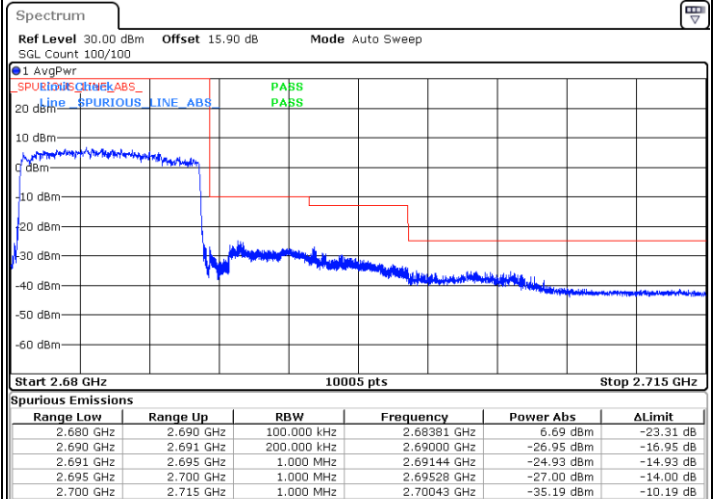
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



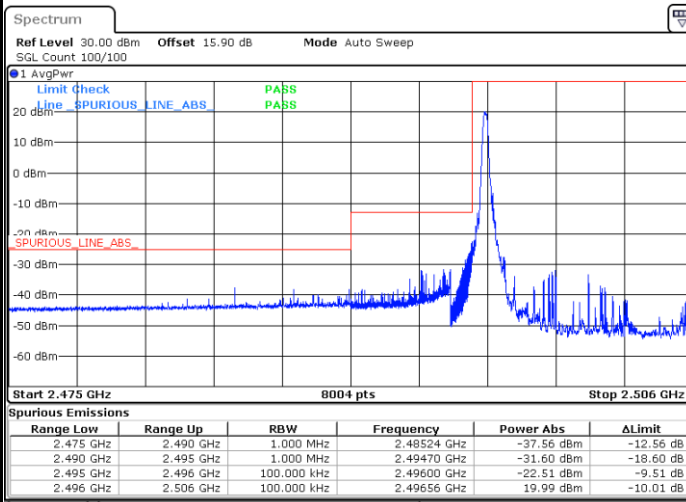
Highest Band Edge / Full RB



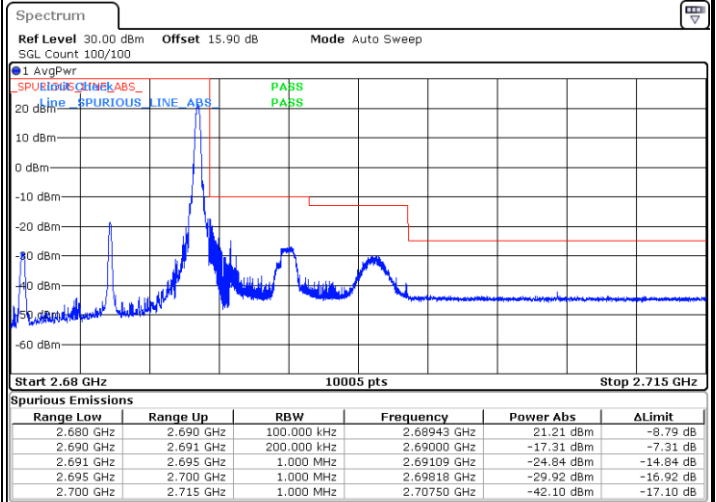


LTE Band 41 / 10MHz / 16QAM

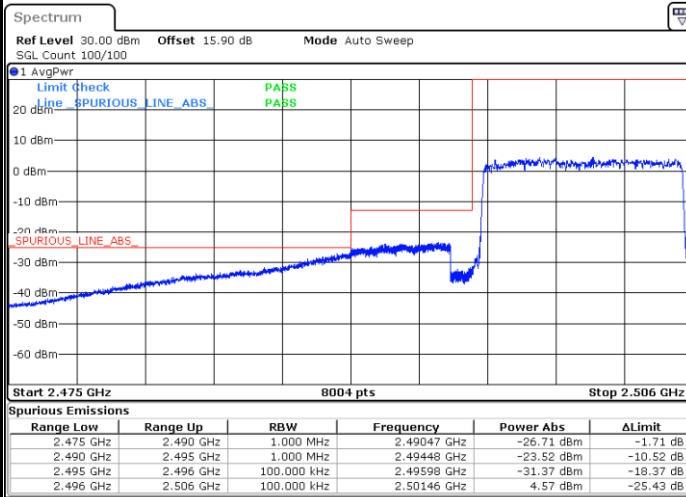
Lowest Band Edge / 1 RB



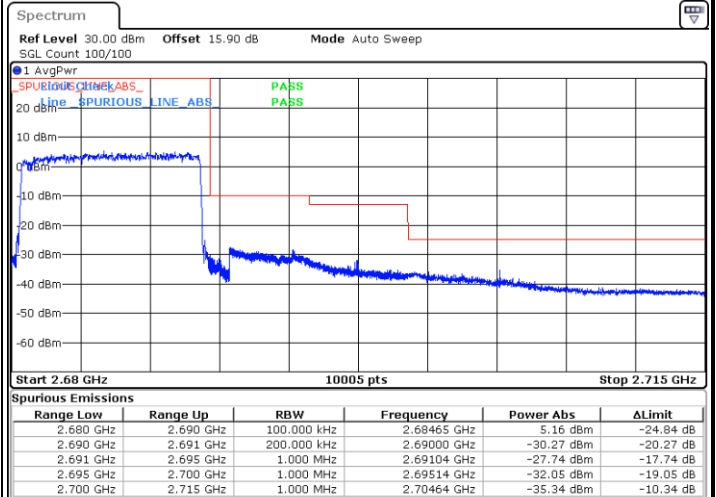
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



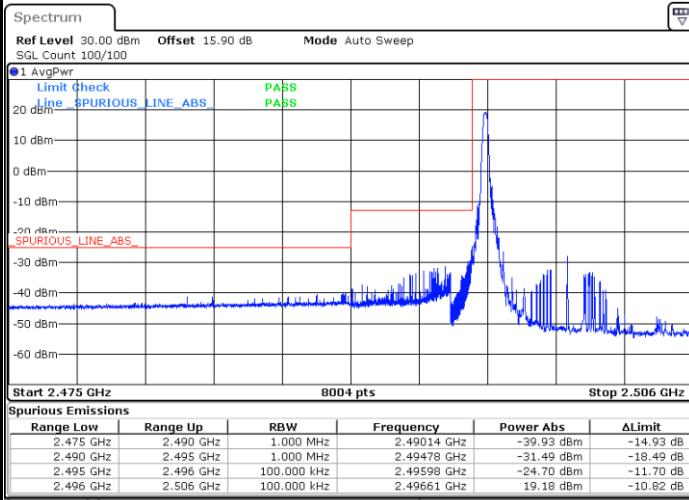
Highest Band Edge / Full RB



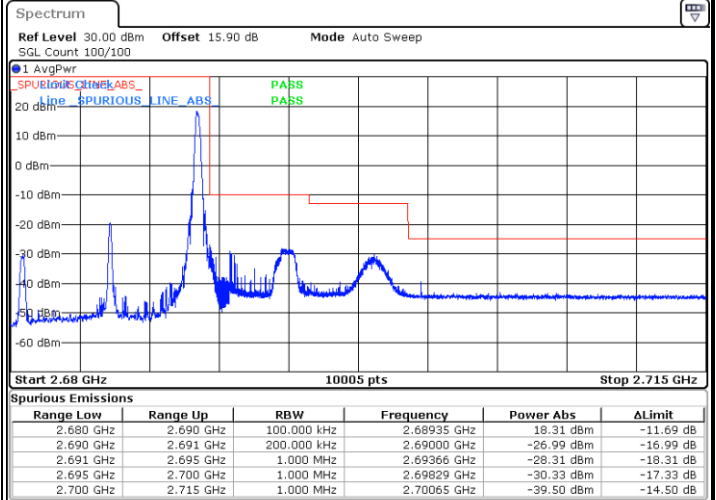


LTE Band 41 / 10MHz / 64QAM

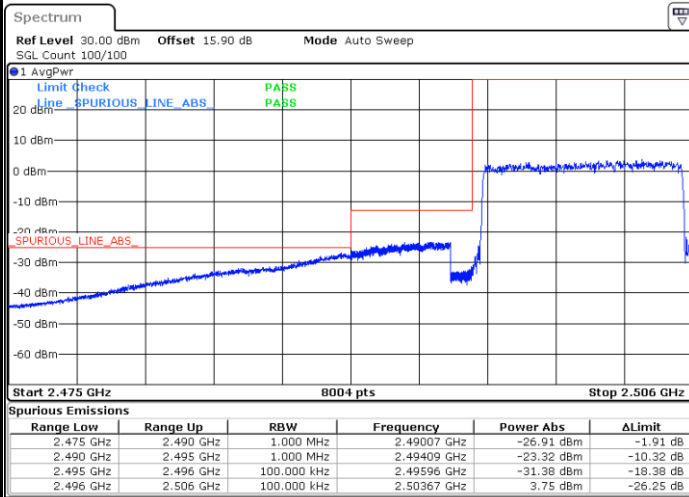
Lowest Band Edge / 1 RB



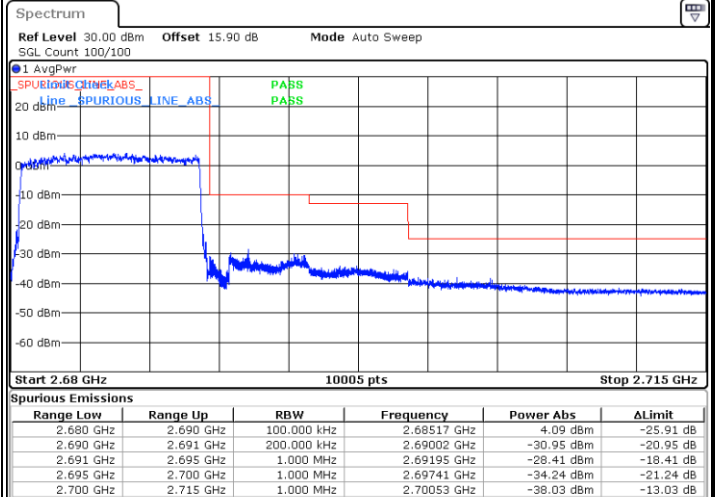
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



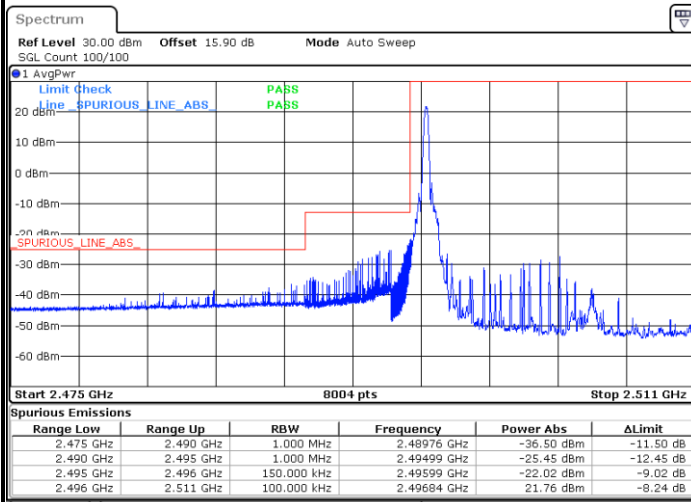
Highest Band Edge / Full RB



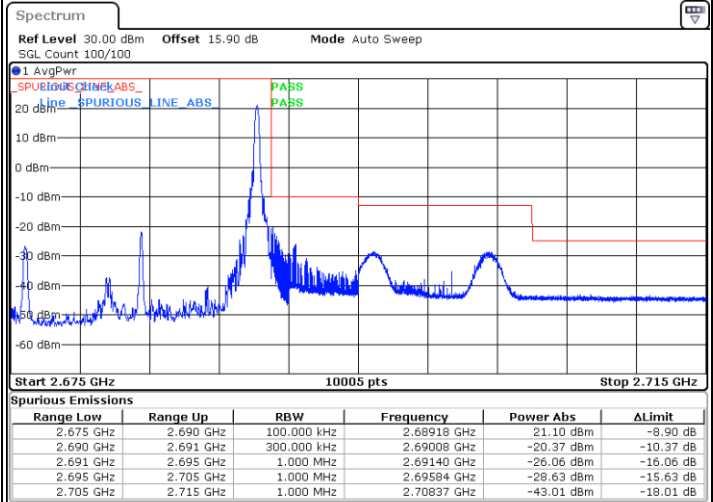


LTE Band 41 / 15MHz / QPSK

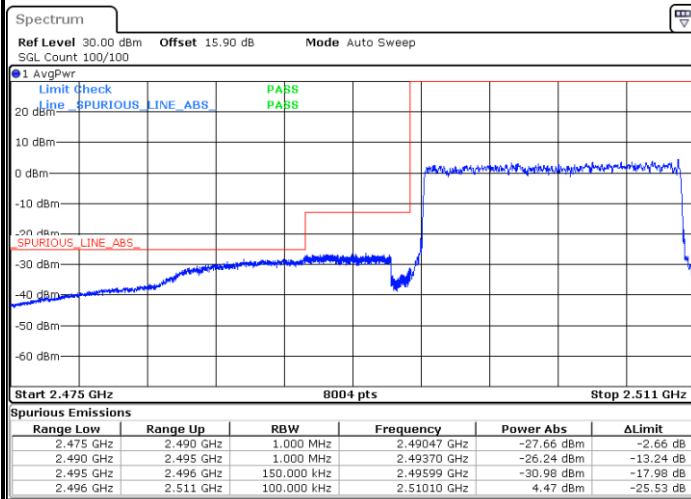
Lowest Band Edge / 1 RB



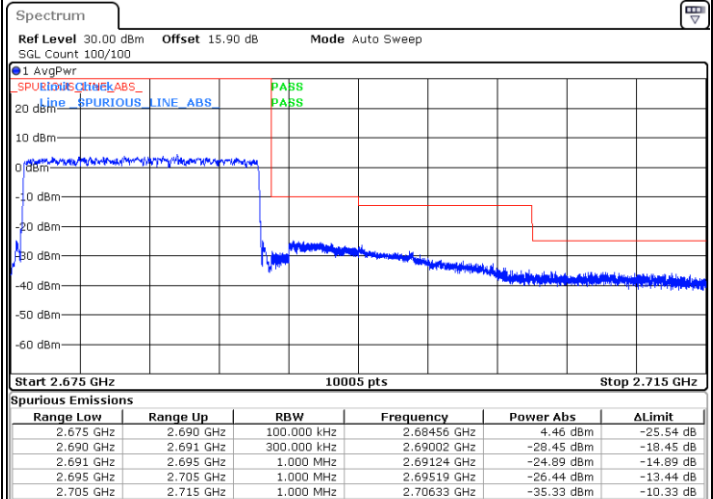
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



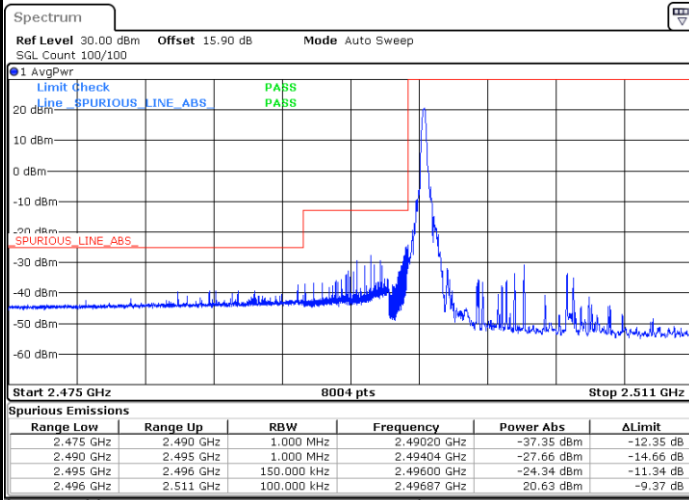
Highest Band Edge / Full RB



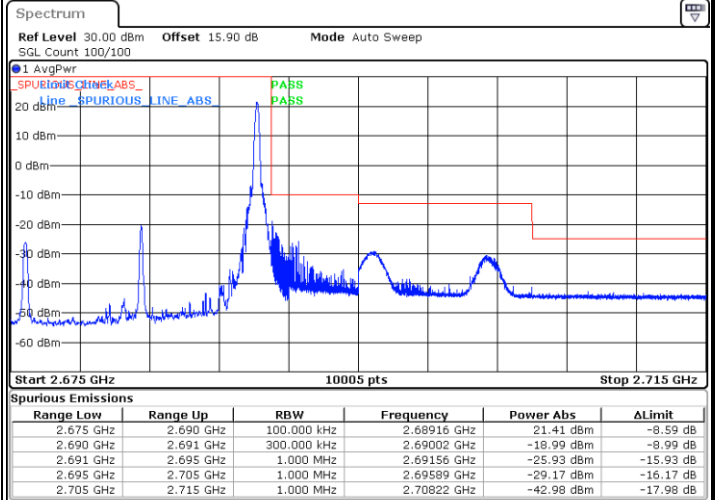


LTE Band 41 / 15MHz / 16QAM

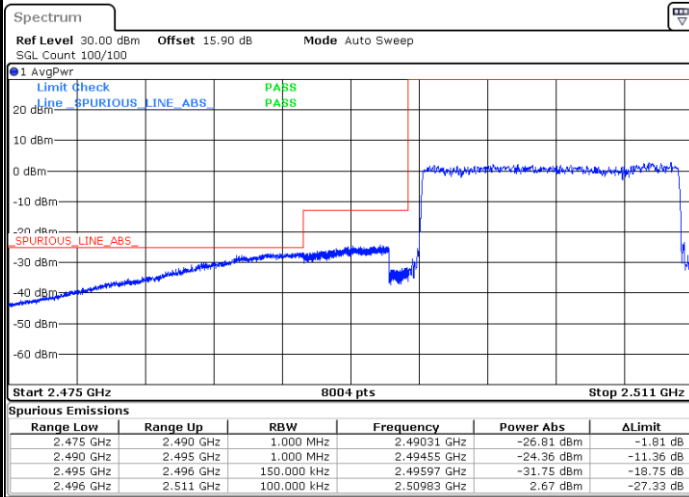
Lowest Band Edge / 1 RB



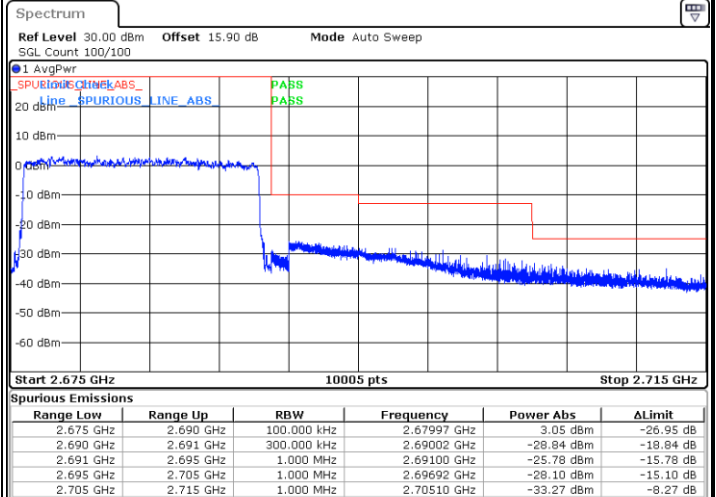
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



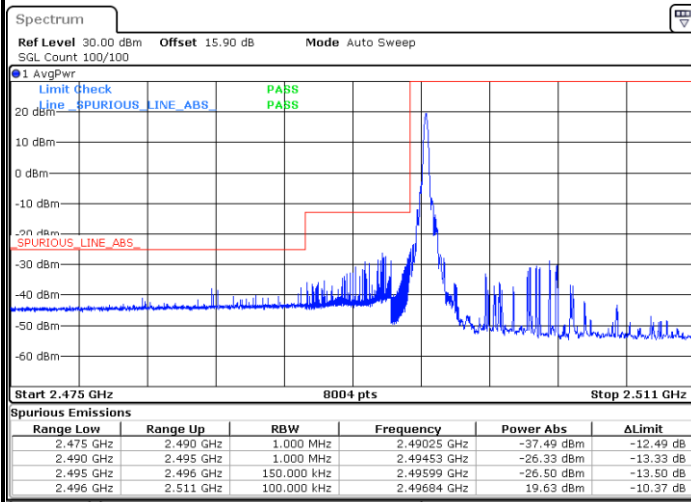
Highest Band Edge / Full RB



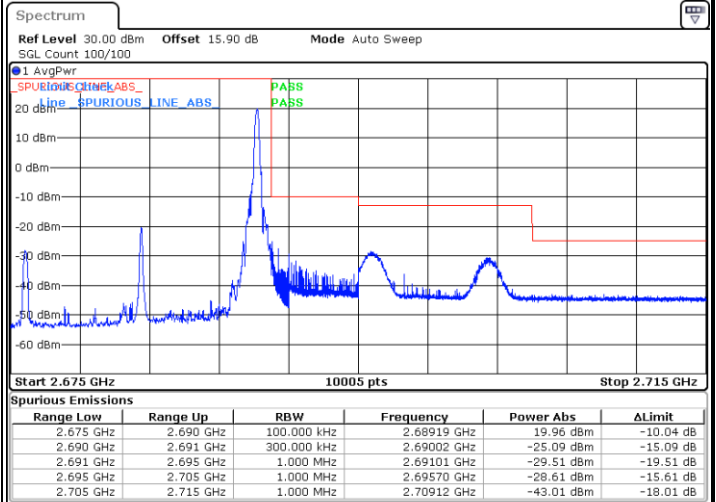


LTE Band 41 / 15MHz / 64QAM

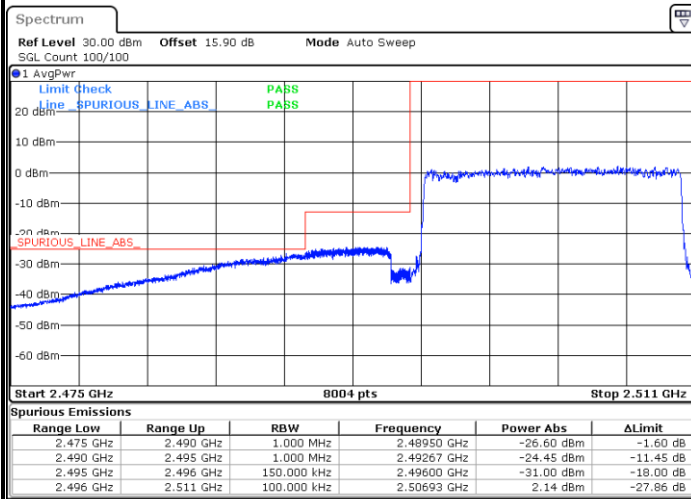
Lowest Band Edge / 1 RB



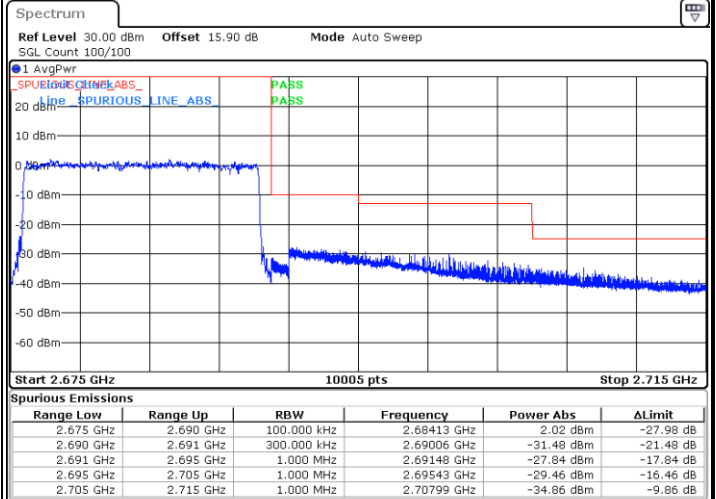
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



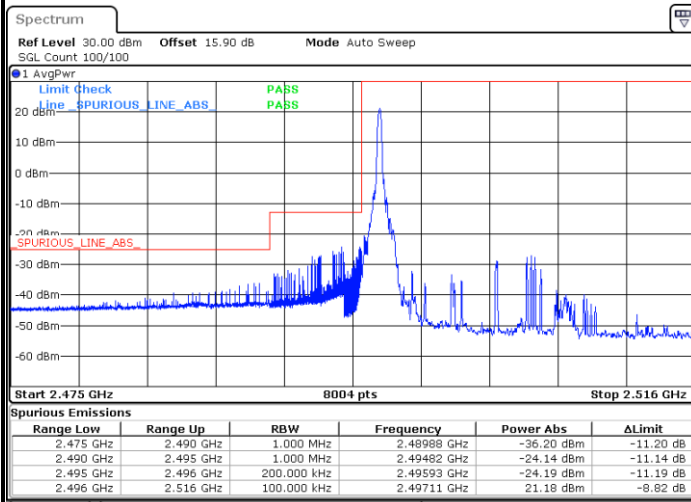
Highest Band Edge / Full RB



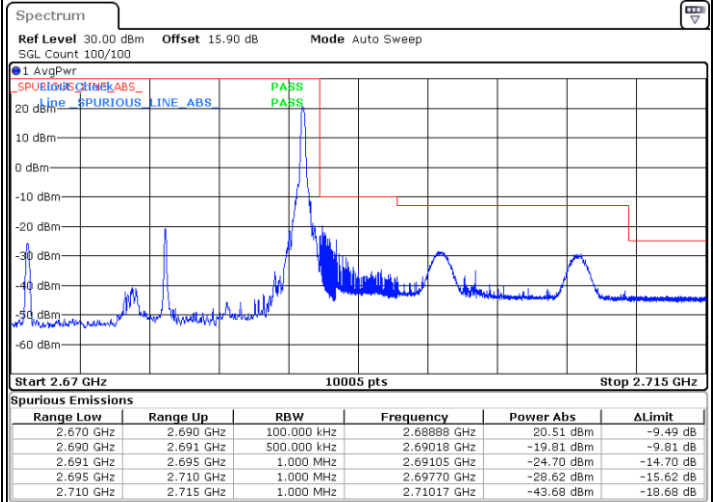


LTE Band 41 / 20MHz / QPSK

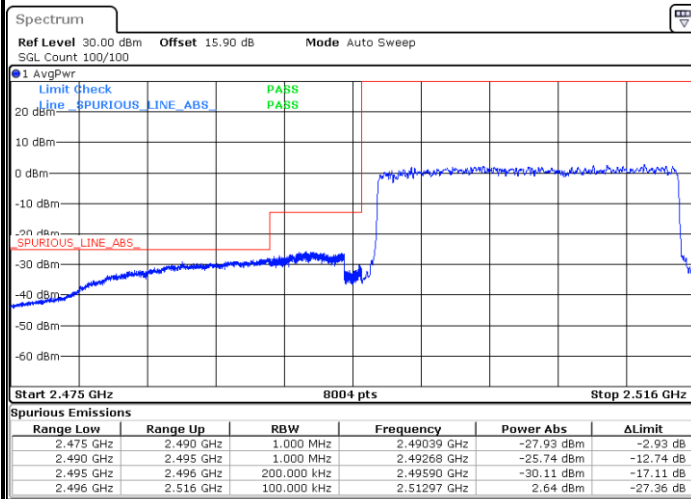
Lowest Band Edge / 1 RB



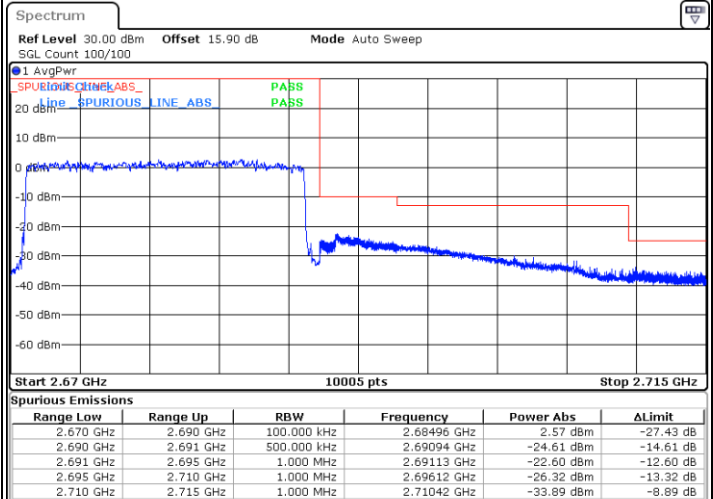
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



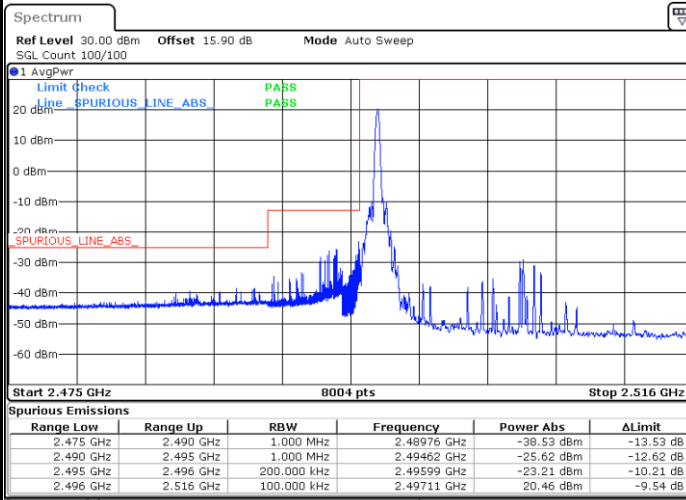
Highest Band Edge / Full RB



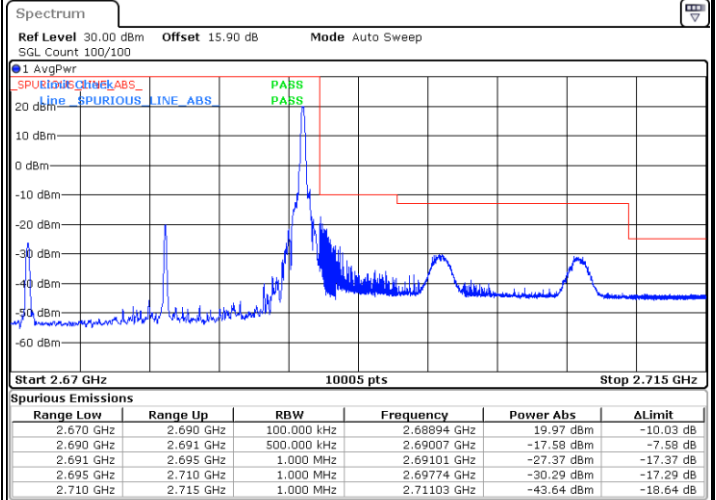


LTE Band 41 / 20MHz / 16QAM

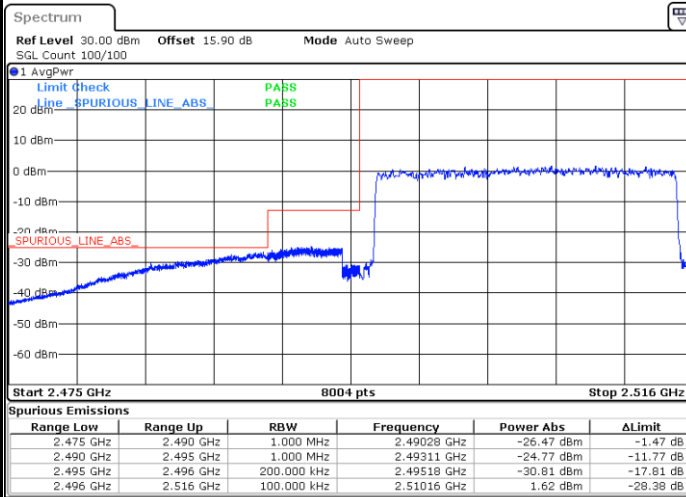
Lowest Band Edge / 1 RB



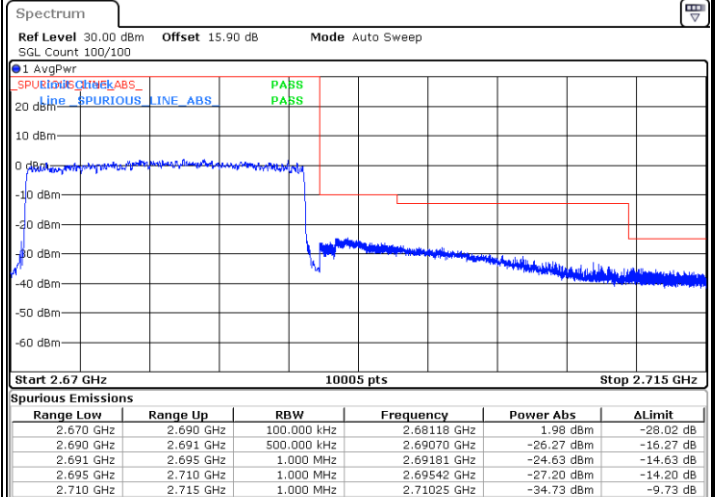
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



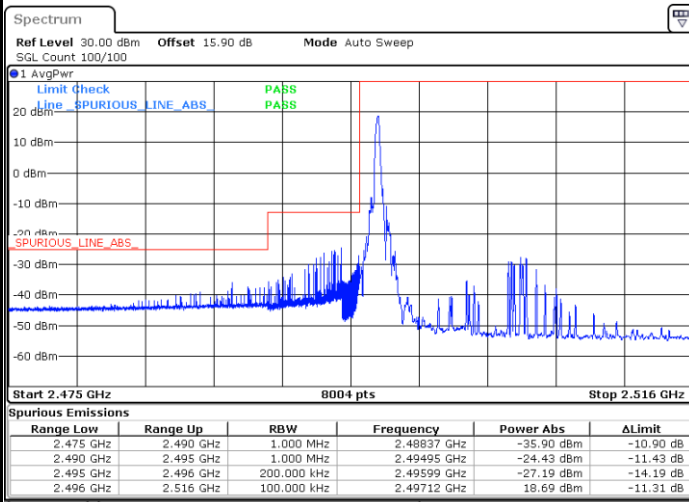
Highest Band Edge / Full RB



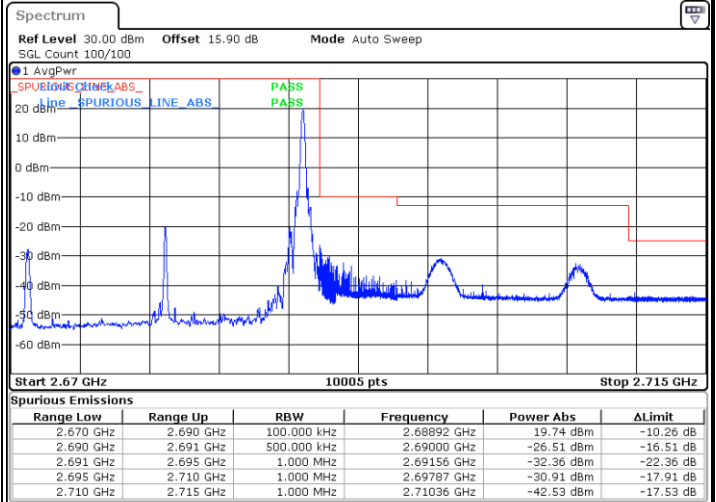


LTE Band 41 / 20MHz / 64QAM

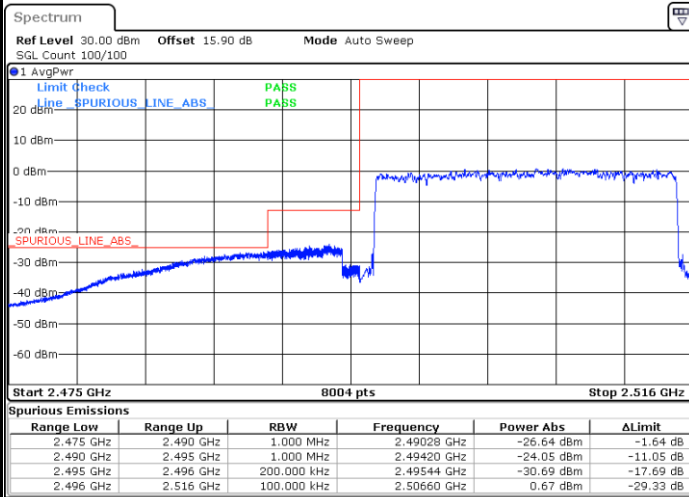
Lowest Band Edge / 1 RB



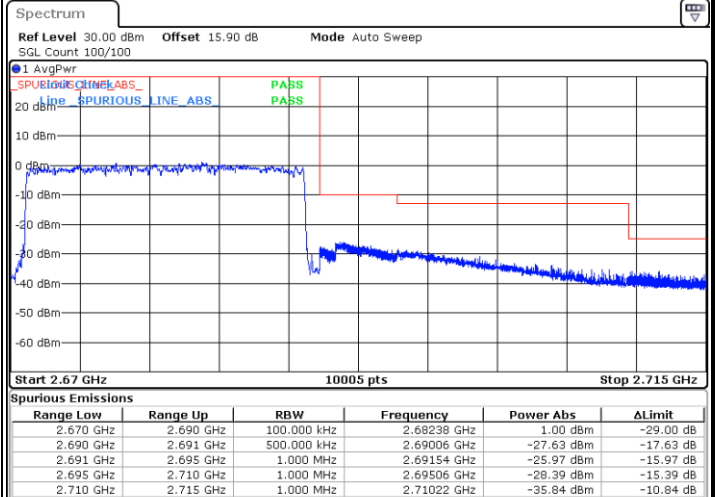
Highest Band Edge / 1 RB

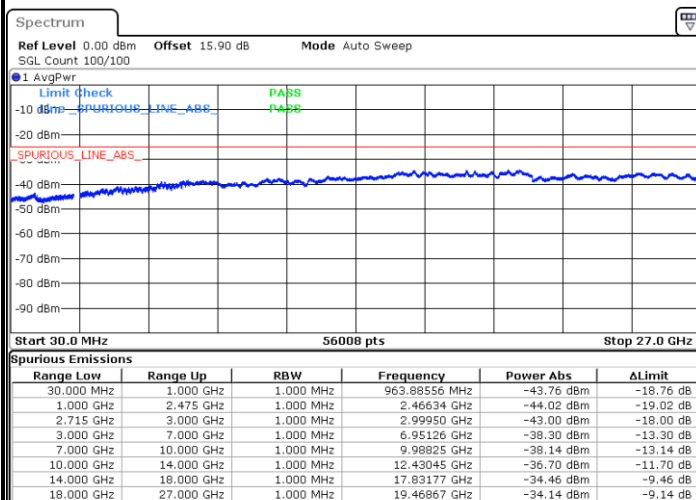


Lowest Band Edge / Full RB

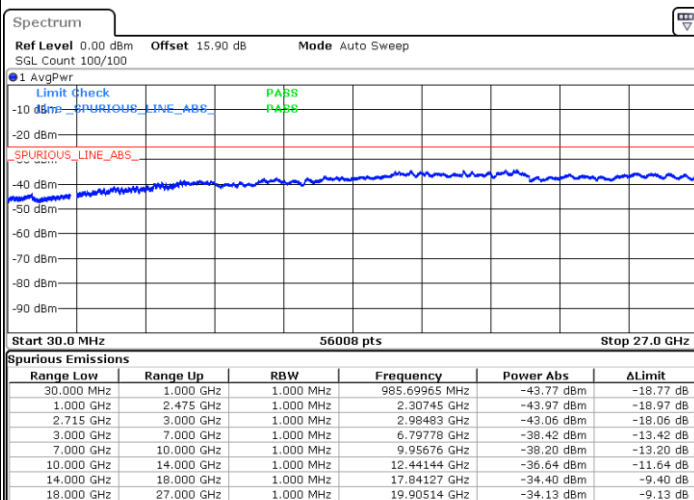


Highest Band Edge / Full RB

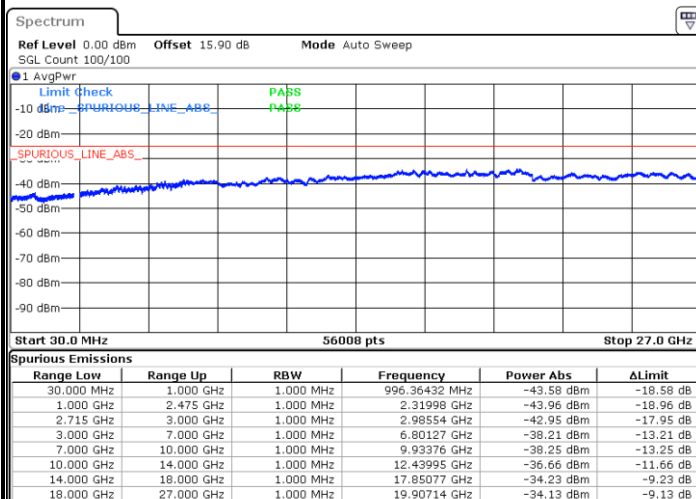


**Conducted Spurious Emission****LTE Band 41 / 5MHz****Lowest Channel / QPSK**

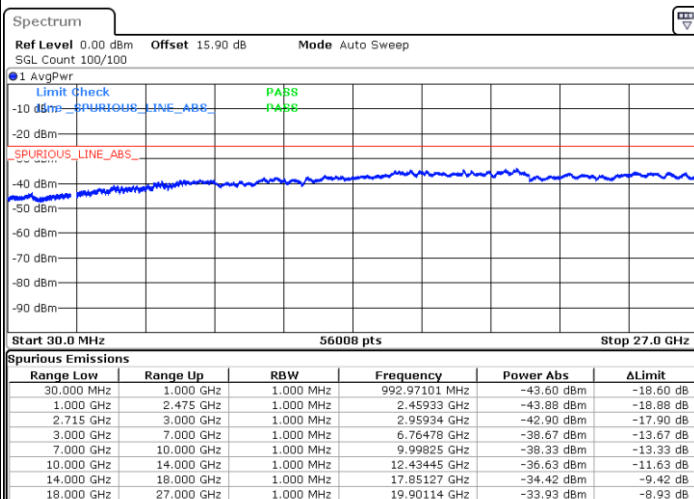
Date: 11.FEB.2020 22:54:42

Lowest Channel / 16QAM

Date: 11.FEB.2020 22:55:27

Middle Channel / QPSK

Date: 12.FEB.2020 00:13:45

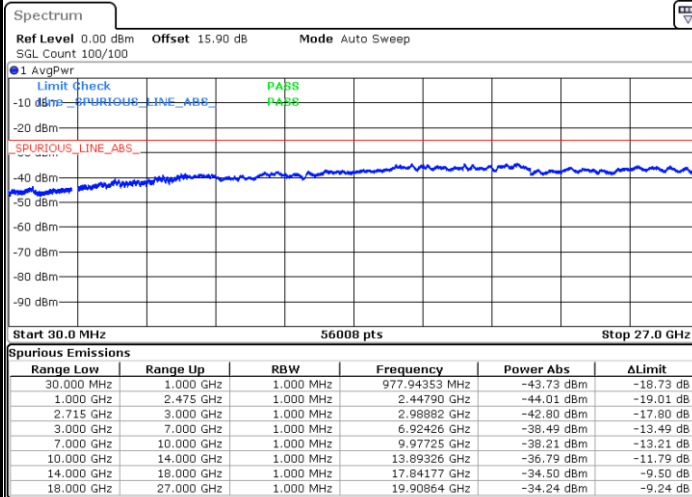
Middle Channel / 16QAM

Date: 11.FEB.2020 22:56:51



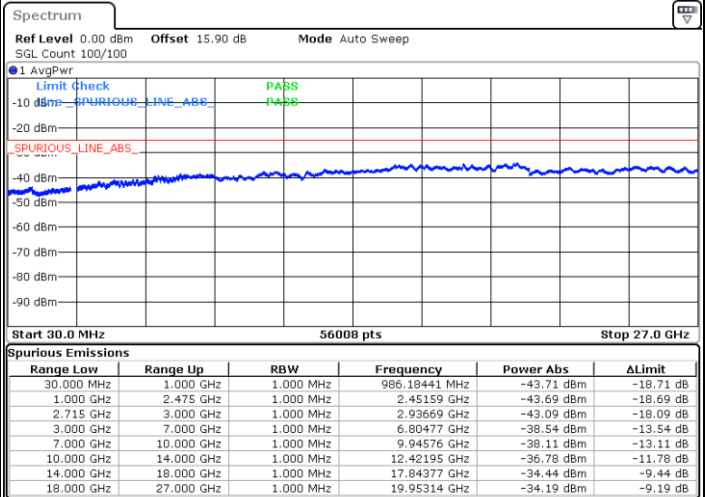
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 11.FEB.2020 22:57:36

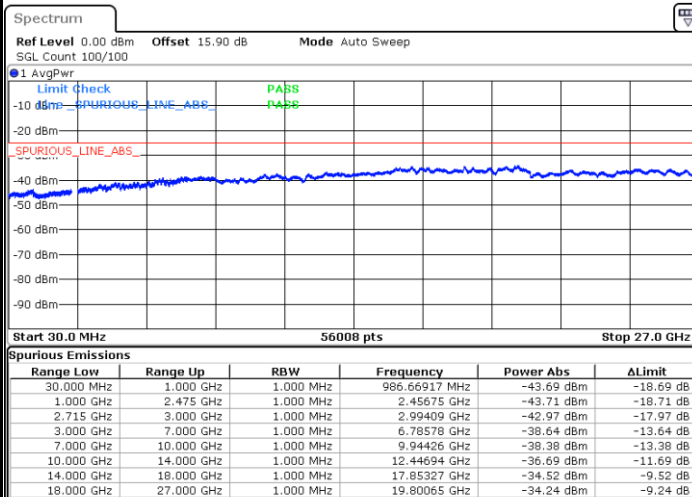
Highest Channel / 16QAM



Date: 11.FEB.2020 22:58:22

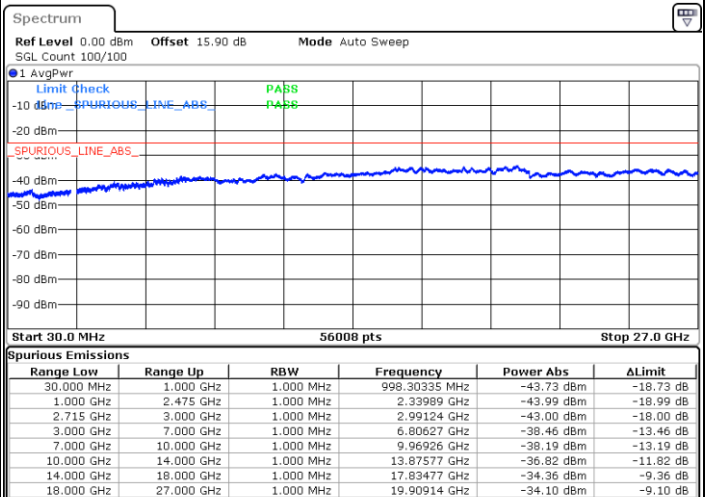
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 11.FEB.2020 23:01:23

Lowest Channel / 16QAM

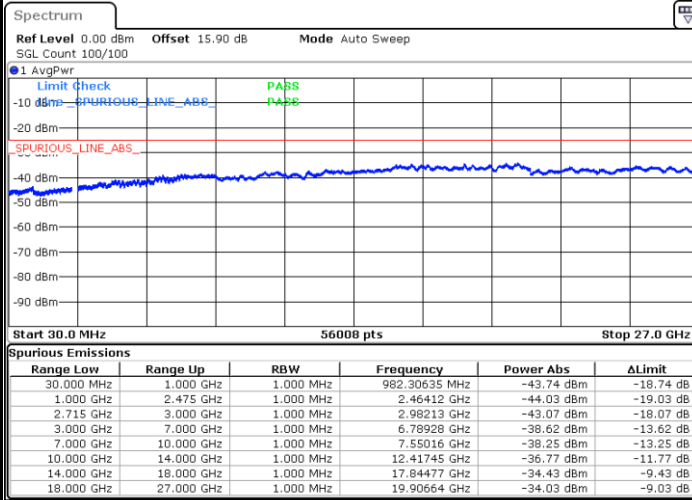


Date: 11.FEB.2020 23:02:08



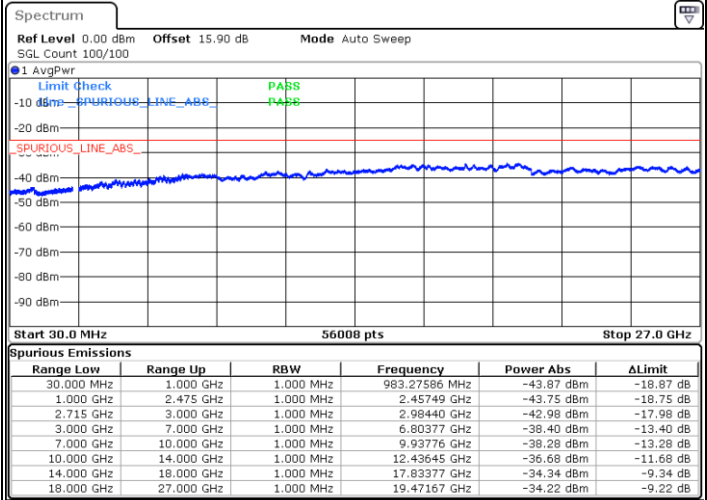
LTE Band 41 / 10MHz

Middle Channel / QPSK



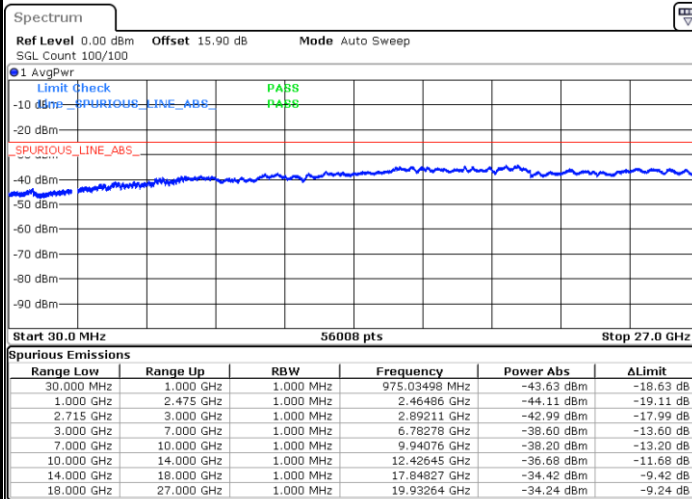
Date: 11.FEB.2020 23:02:53

Middle Channel / 16QAM



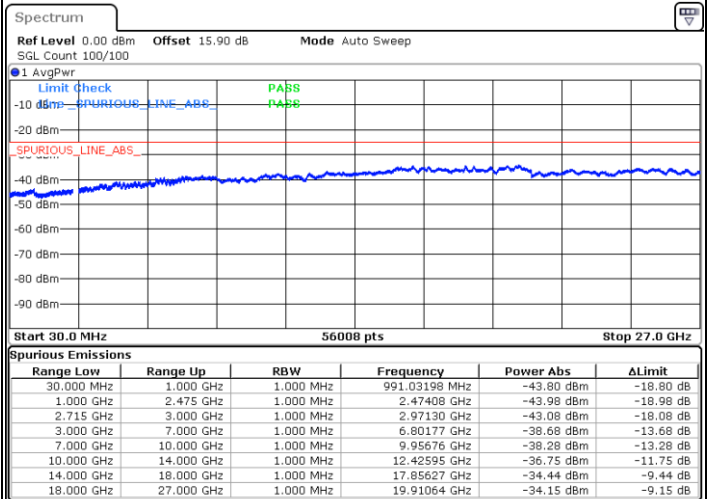
Date: 11.FEB.2020 23:03:38

Highest Channel / QPSK



Date: 11.FEB.2020 23:04:23

Highest Channel / 16QAM

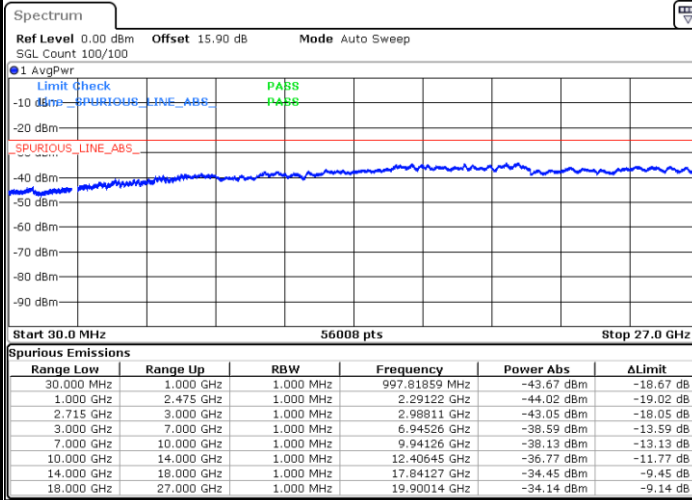


Date: 11.FEB.2020 23:05:08



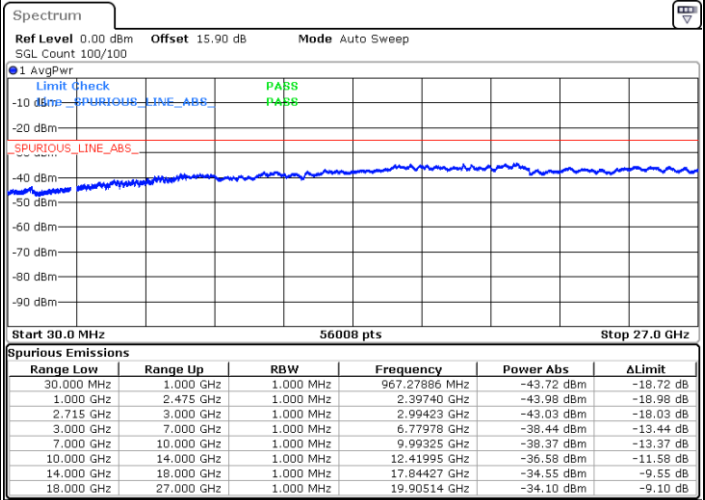
LTE Band 41 / 15MHz

Lowest Channel / QPSK



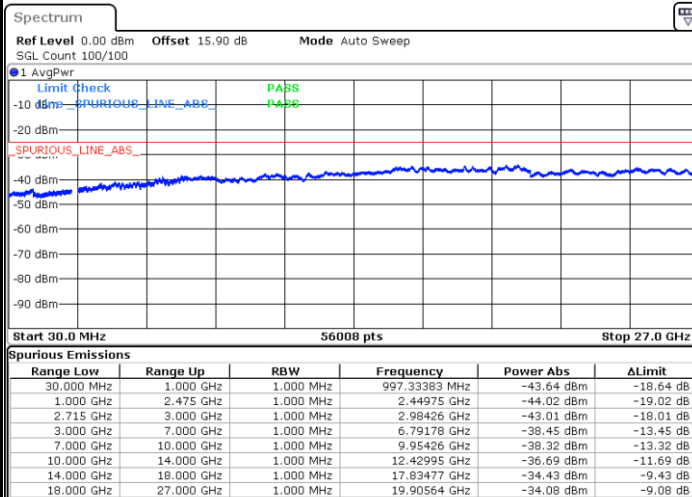
Date: 11.FEB.2020 23:05:54

Lowest Channel / 16QAM



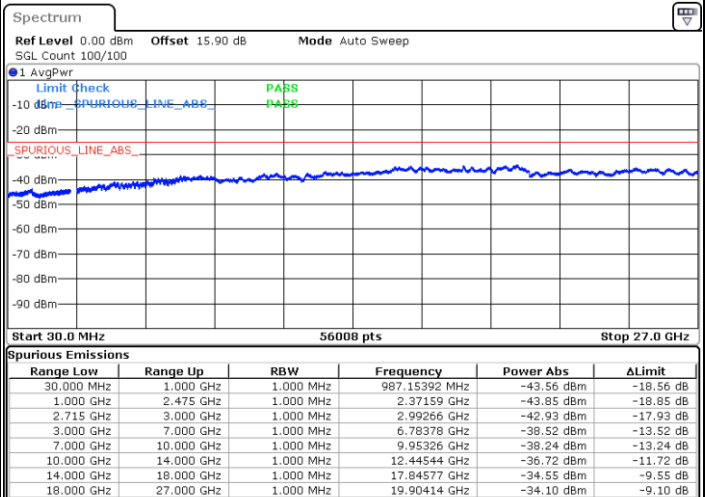
Date: 11.FEB.2020 23:06:40

Middle Channel / QPSK



Date: 11.FEB.2020 23:07:25

Middle Channel / 16QAM

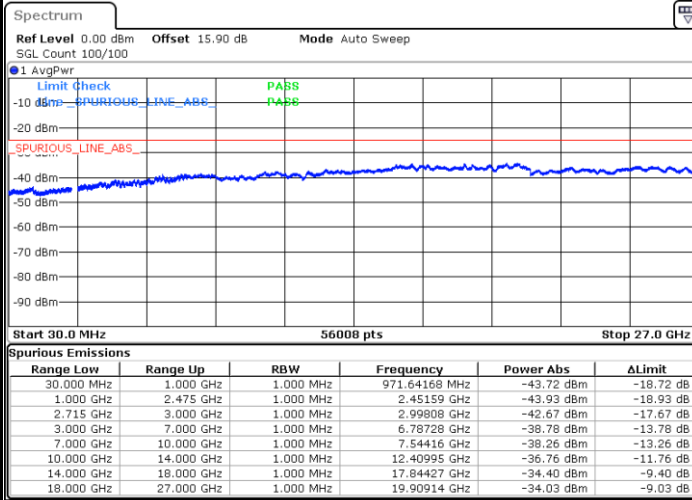


Date: 11.FEB.2020 23:08:10



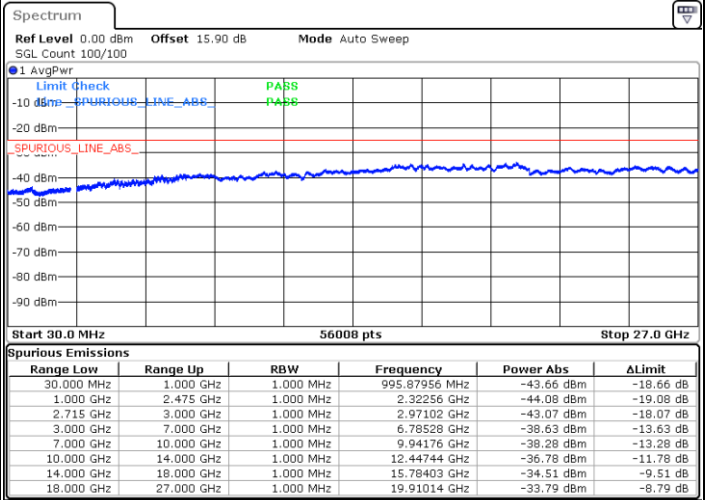
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 11.FEB.2020 23:08:55

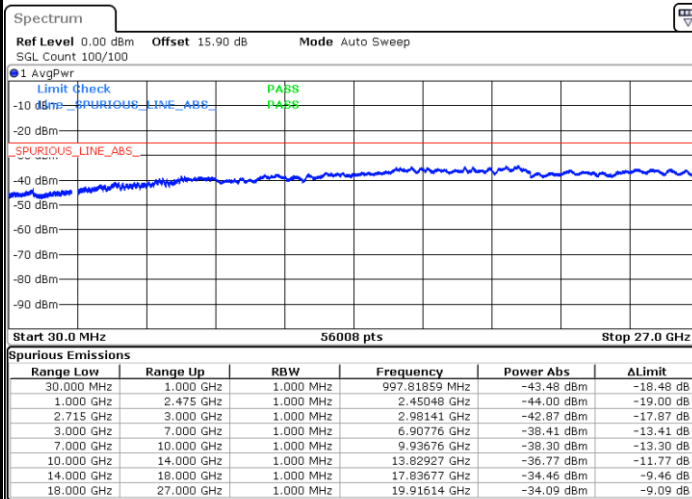
Highest Channel / 16QAM



Date: 11.FEB.2020 23:09:40

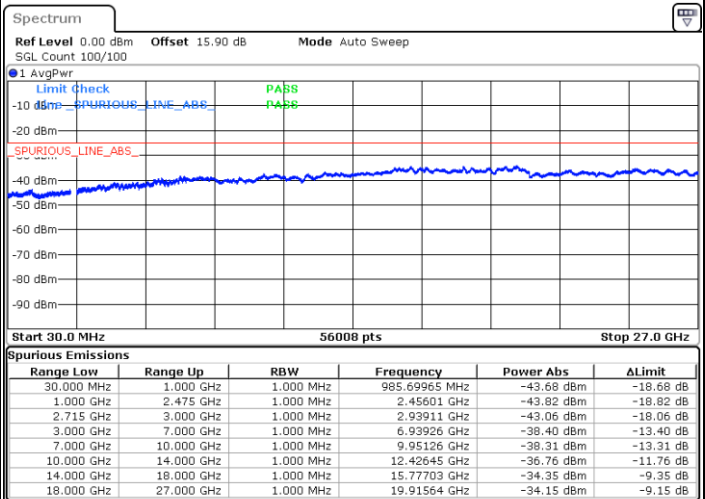
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 11.FEB.2020 23:14:57

Lowest Channel / 16QAM

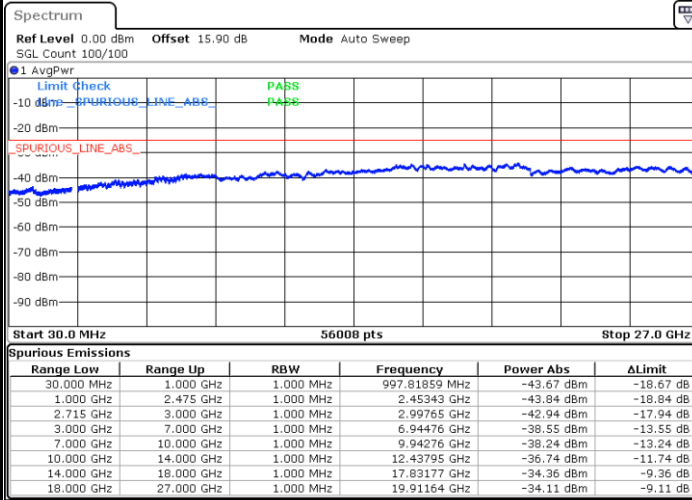


Date: 11.FEB.2020 23:15:42



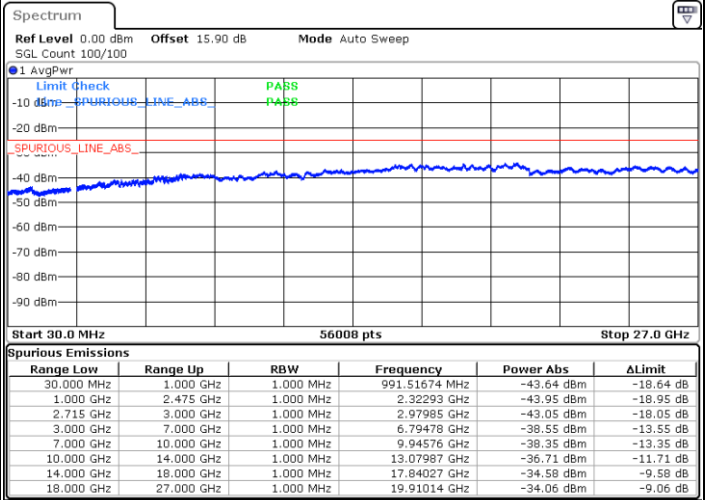
LTE Band 41 / 20MHz

Middle Channel / QPSK



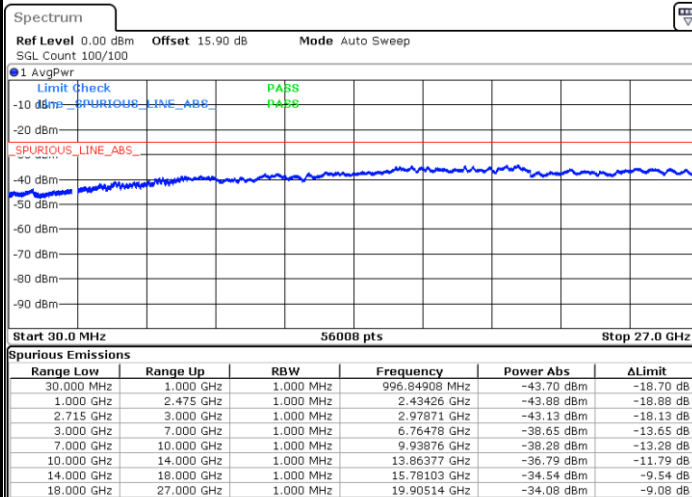
Date: 11.FEB.2020 23:16:27

Middle Channel / 16QAM



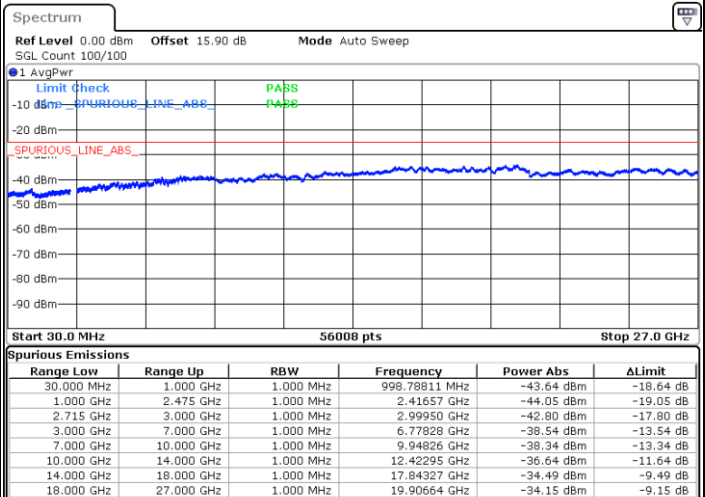
Date: 11.FEB.2020 23:17:12

Highest Channel / QPSK



Date: 11.FEB.2020 23:17:57

Highest Channel / 16QAM

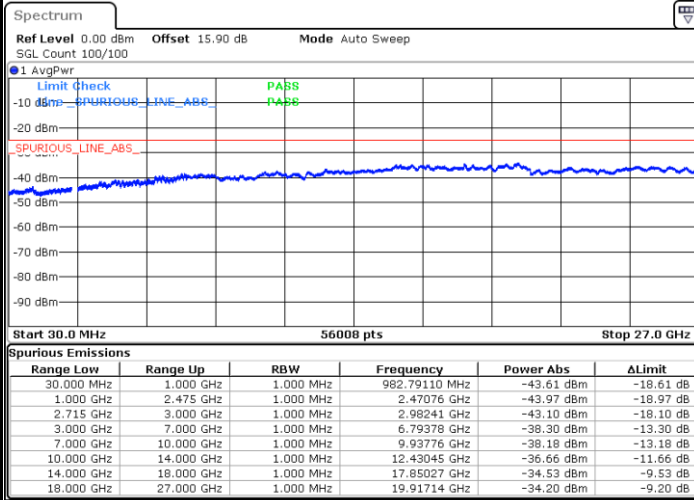


Date: 11.FEB.2020 23:18:42



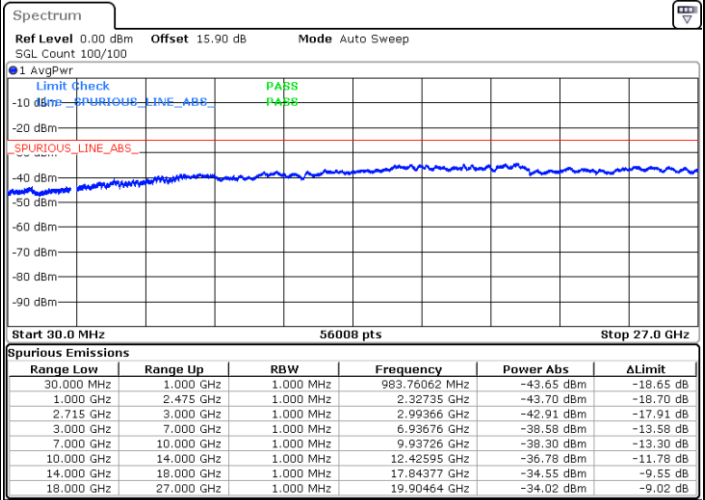
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



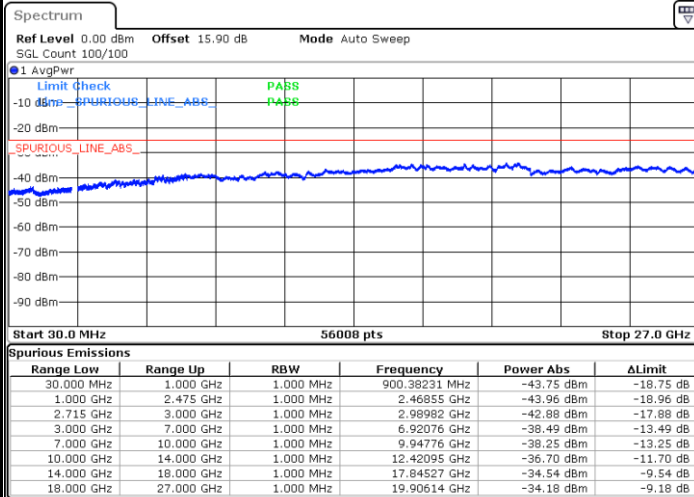
Date: 11.FEB.2020 22:52:27

Middle Channel / 64QAM



Date: 11.FEB.2020 22:53:12

Highest Channel / 64QAM

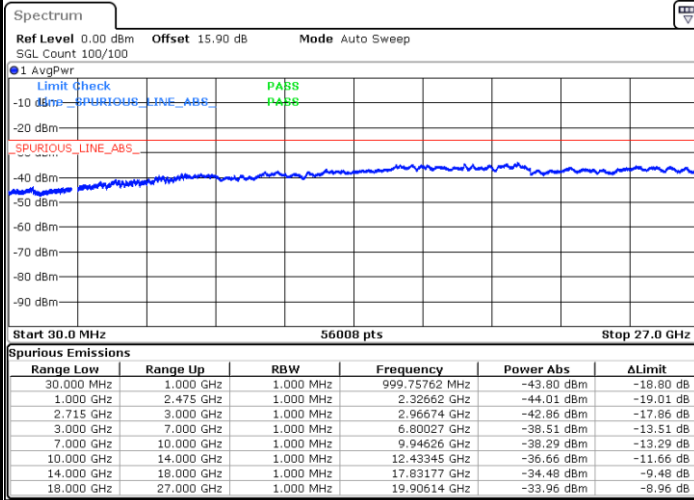


Date: 11.FEB.2020 22:53:57



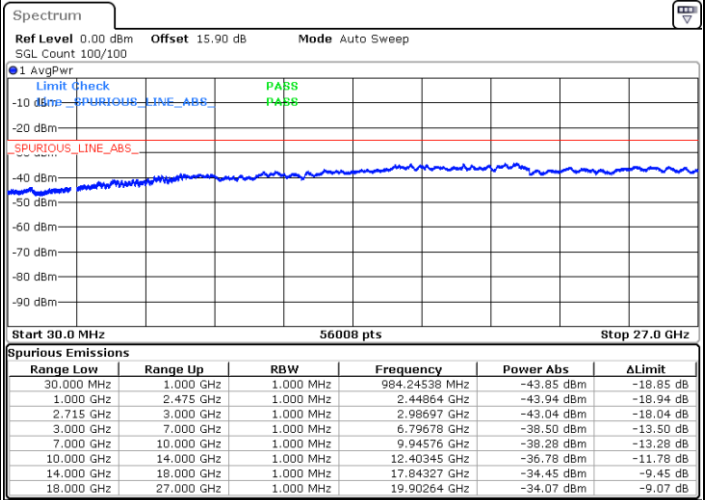
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



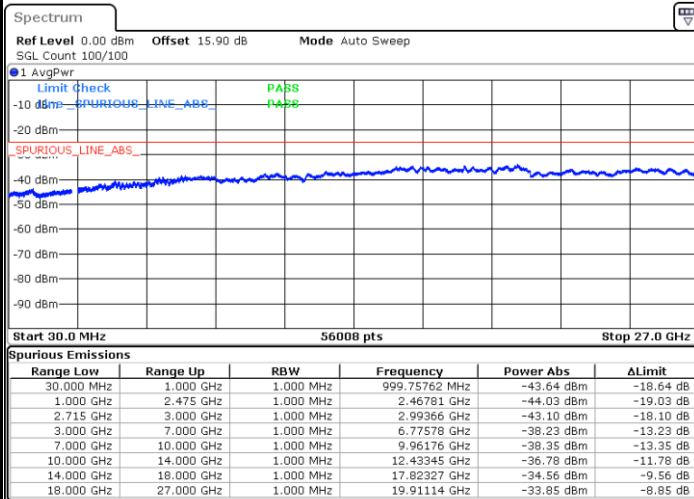
Date: 11.FEB.2020 22:59:08

Middle Channel / 64QAM



Date: 11.FEB.2020 22:59:53

Highest Channel / 64QAM

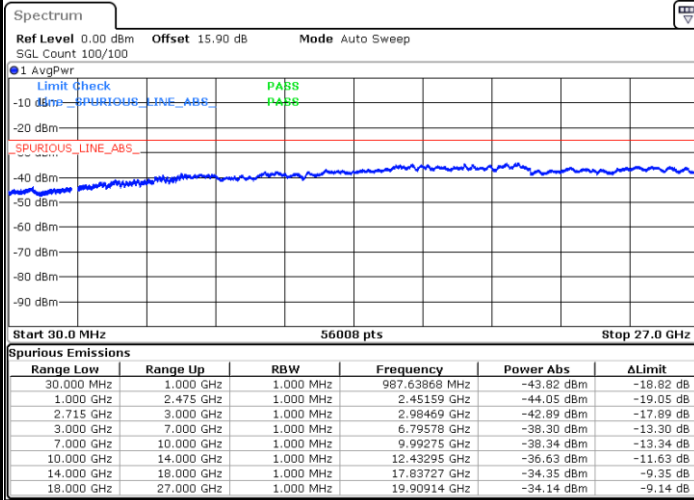


Date: 11.FEB.2020 23:00:38



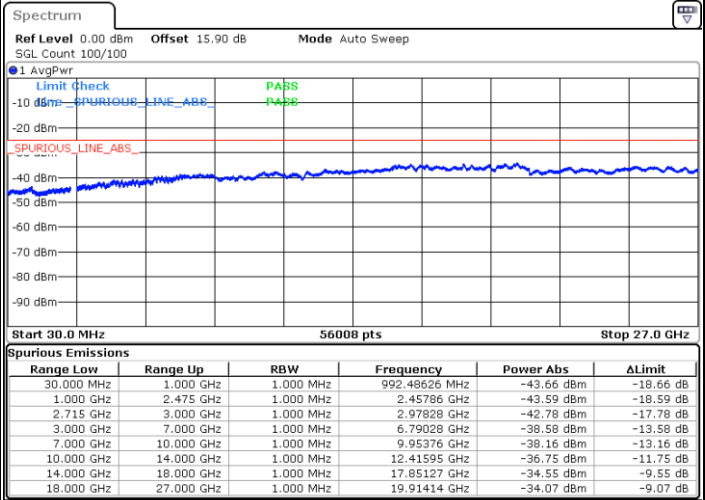
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



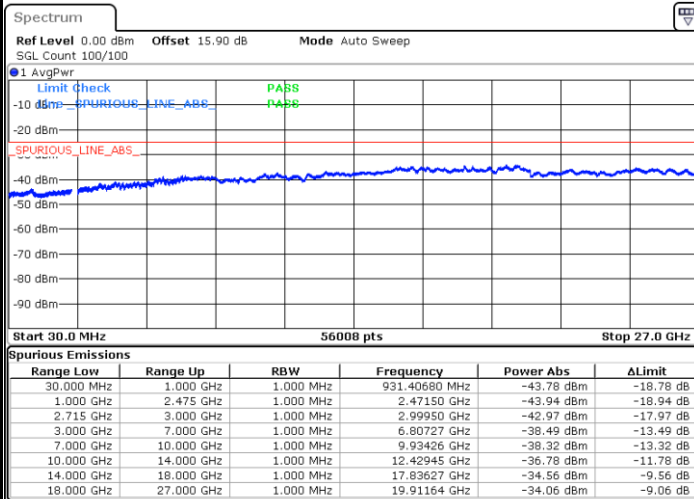
Date: 11.FEB.2020 23:10:25

Middle Channel / 64QAM



Date: 11.FEB.2020 23:11:10

Highest Channel / 64QAM

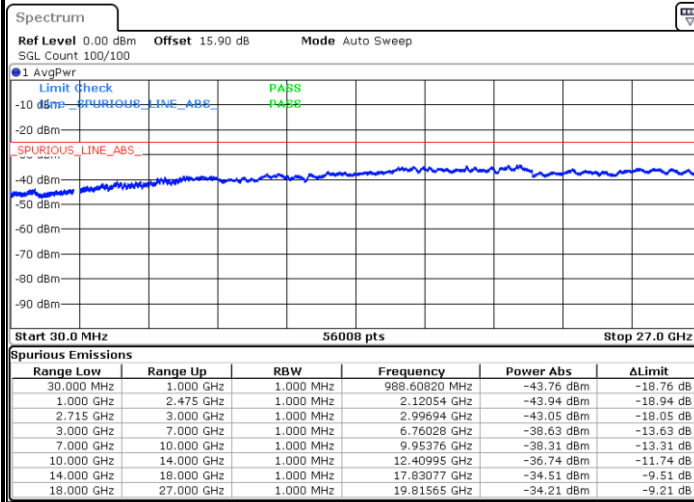


Date: 11.FEB.2020 23:11:55



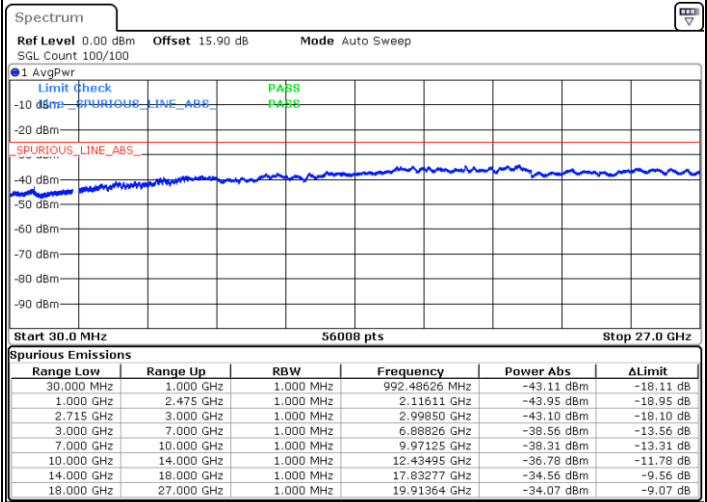
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



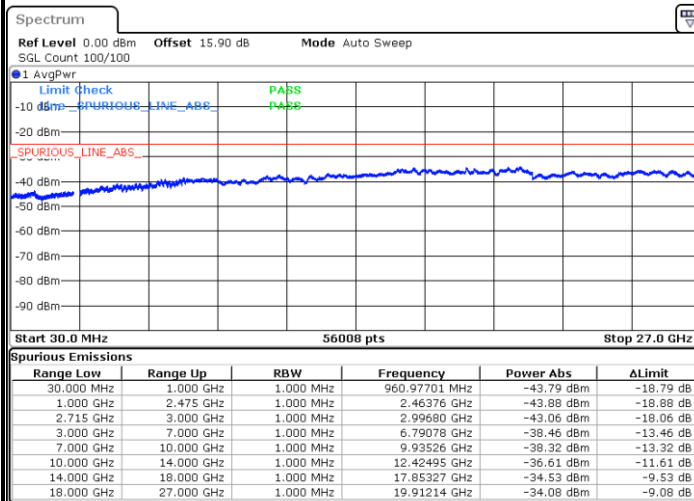
Date: 11.FEB.2020 23:12:41

Middle Channel / 64QAM



Date: 11.FEB.2020 23:13:26

Highest Channel / 64QAM



Date: 11.FEB.2020 23:14:11

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

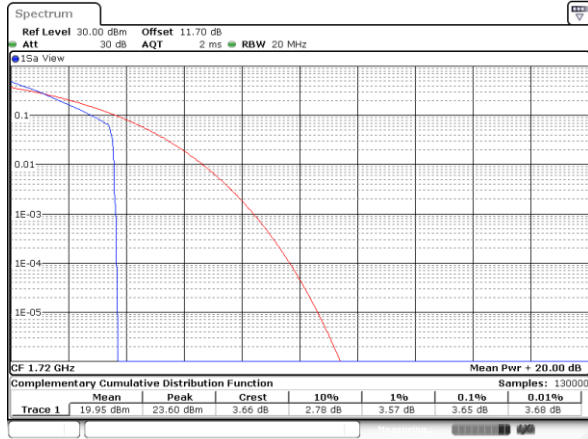
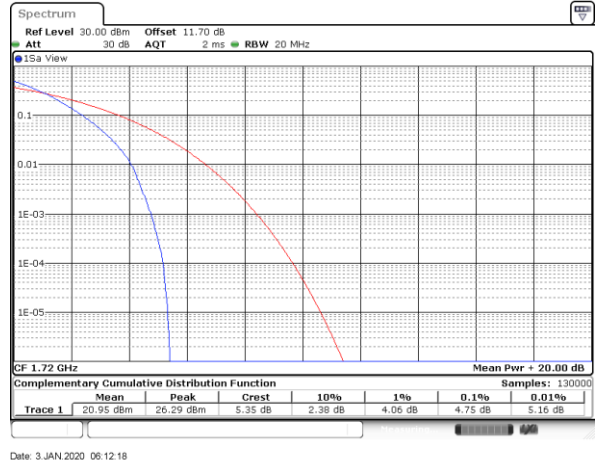
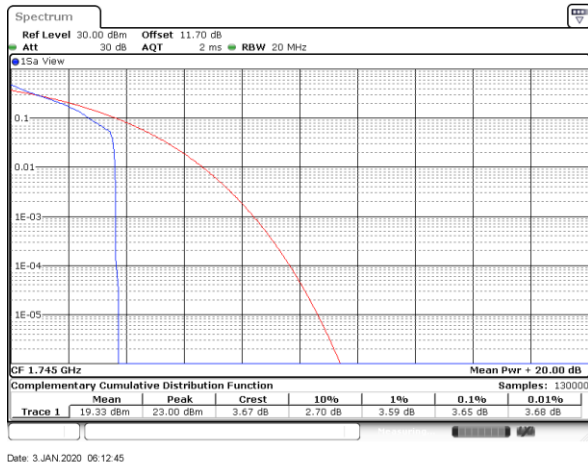
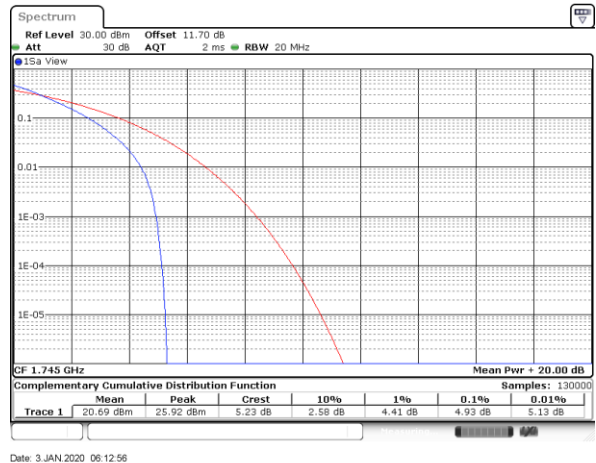
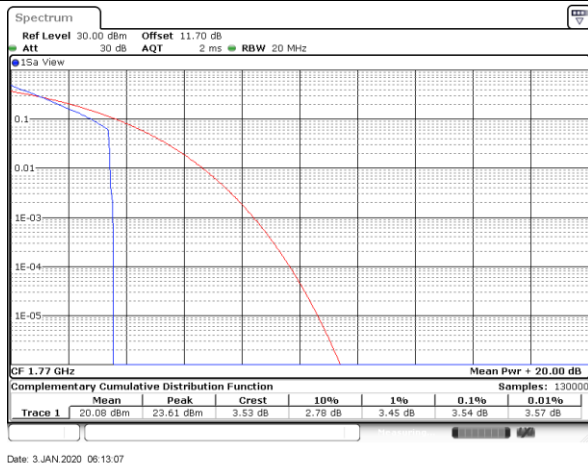
Note:

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 authorized frequency block.

LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.65	4.75	4.72	5.88	PASS
Middle CH	3.65	4.93	4.67	5.86	
Highest CH	3.54	5.04	5.54	5.88	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.26	6.32	-	-	PASS
Middle CH	6.49	6.58	-	-	
Highest CH	6.72	6.41	-	-	

LTE Band 66 / 20MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB
