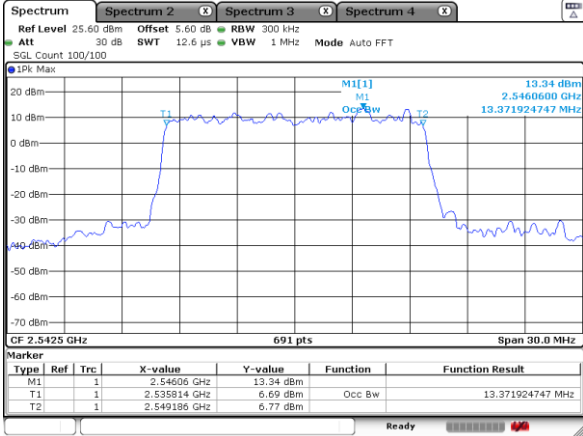




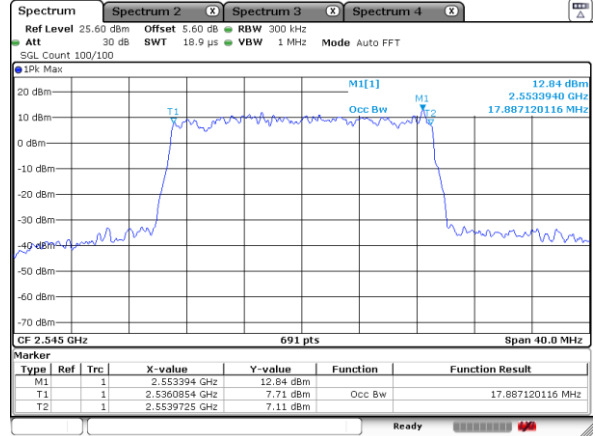
LTE Band 41

Lowest Channel / 15MHz / 64QAM



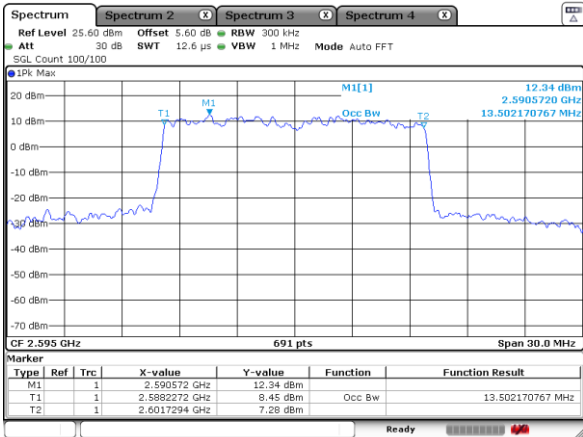
Date: 18 JUL 2020 00:28:55

Lowest Channel / 20MHz / 64QAM



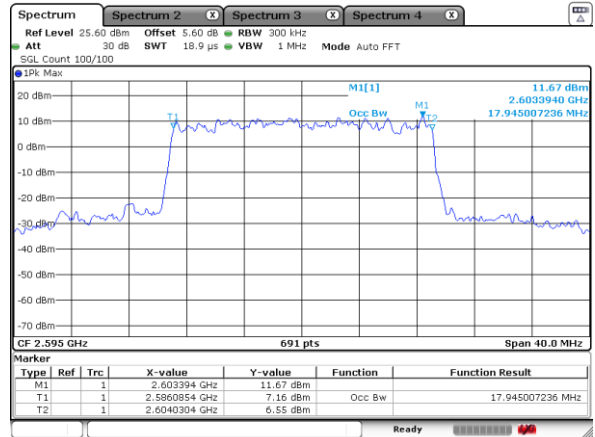
Date: 18 JUL 2020 00:55:19

Middle Channel / 15MHz / 64QAM



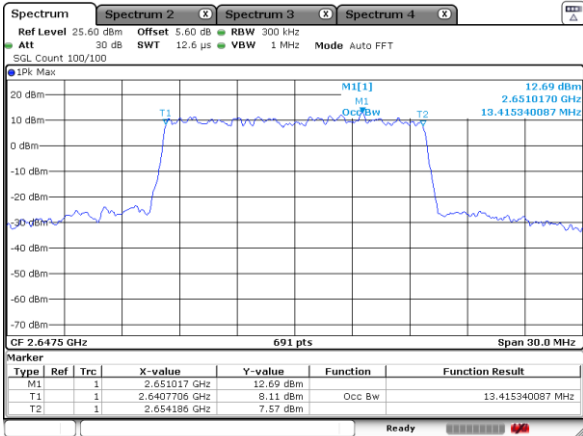
Date: 18 JUL 2020 00:38:46

Middle Channel / 20MHz / 64QAM



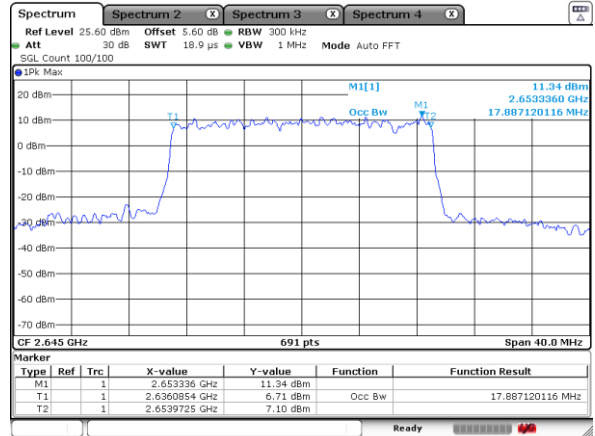
Date: 18 JUL 2020 01:05:13

Highest Channel / 15MHz / 64QAM



Date: 18 JUL 2020 00:48:56

Highest Channel / 20MHz / 64QAM



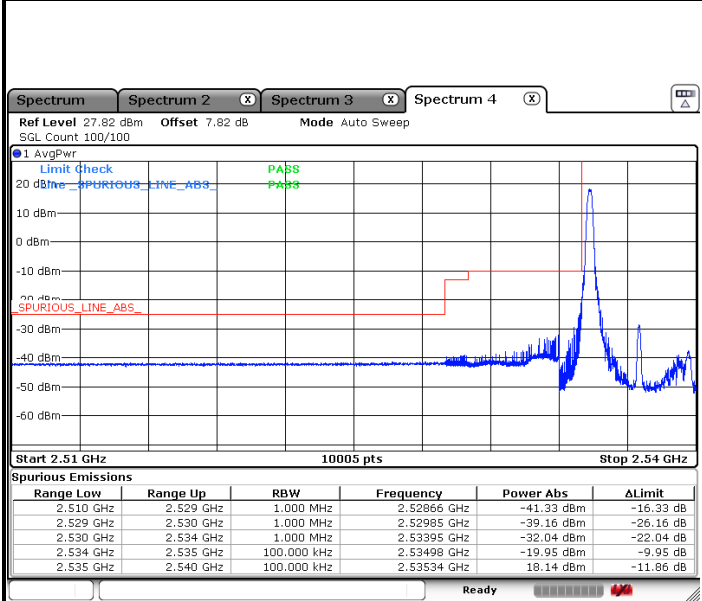
Date: 18 JUL 2020 02:16:50



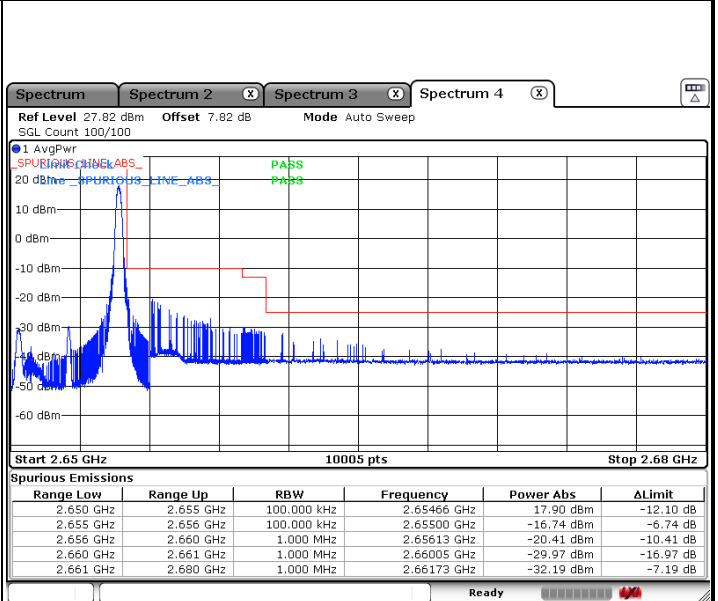
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

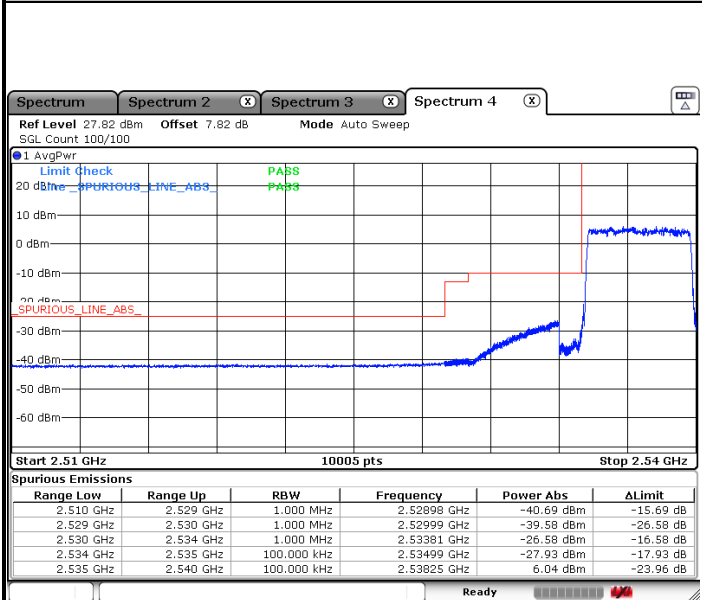
Lowest Band Edge / 1 RB



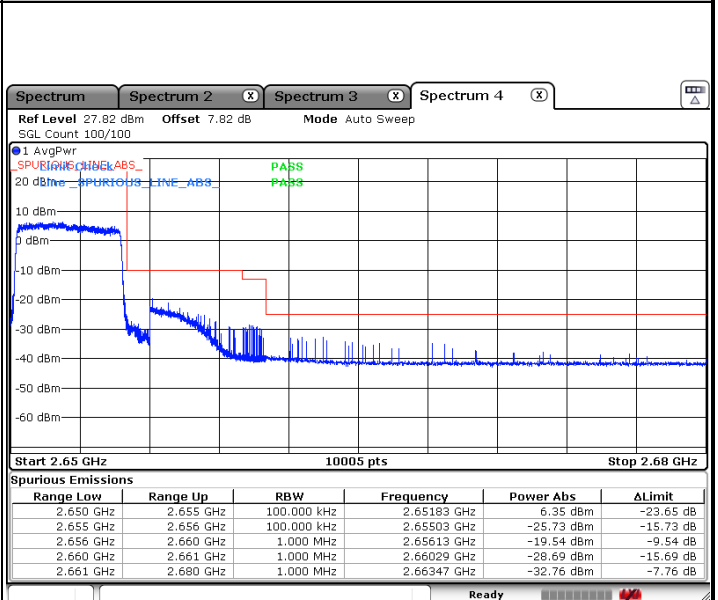
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

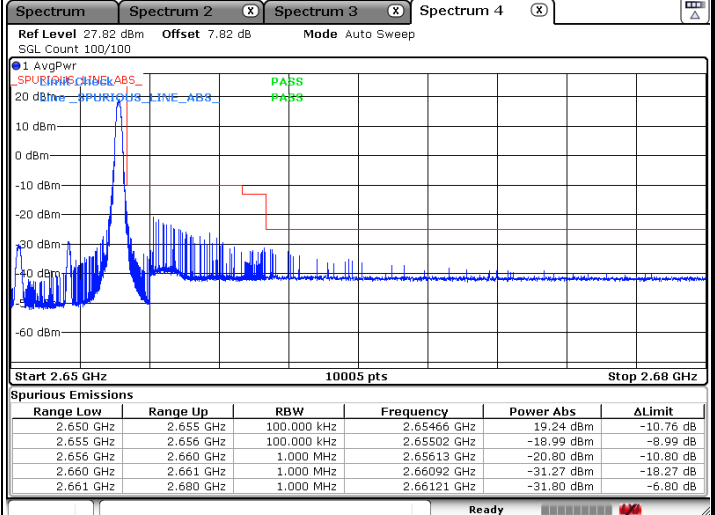
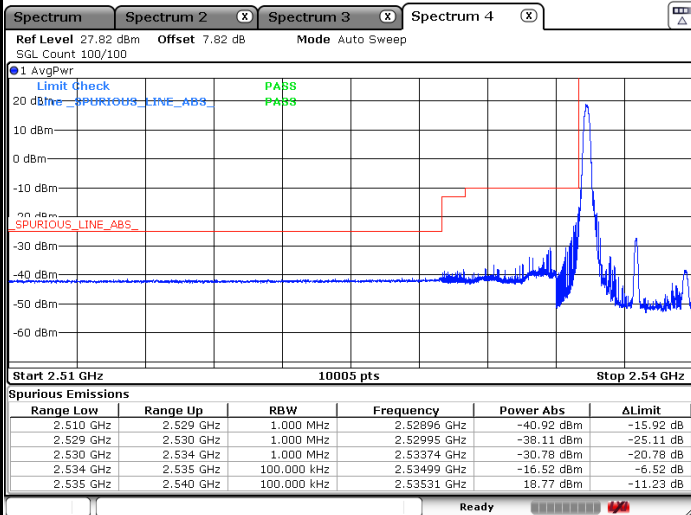




LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

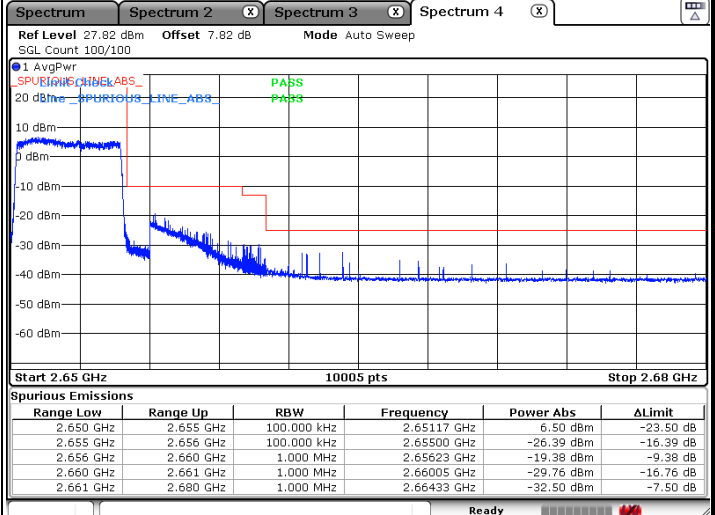
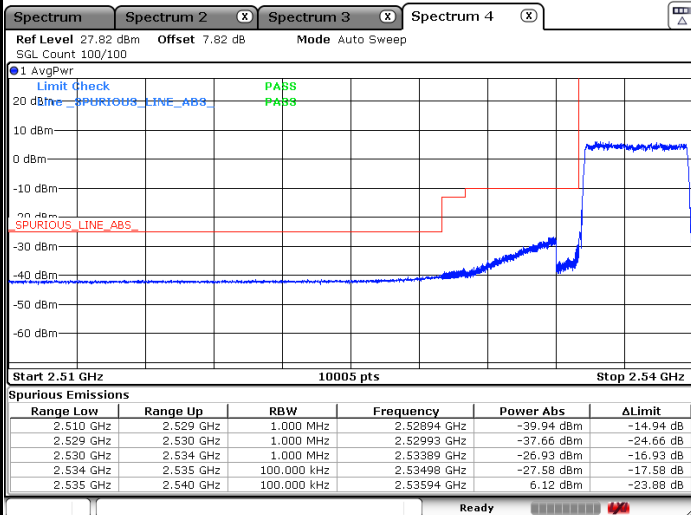


Date: 17 JUL 2020 23:00:34

Date: 17 JUL 2020 23:21:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUL 2020 23:01:42

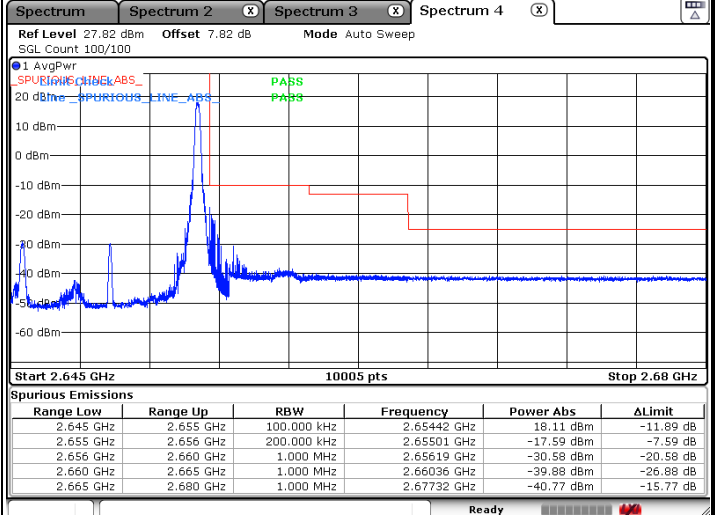
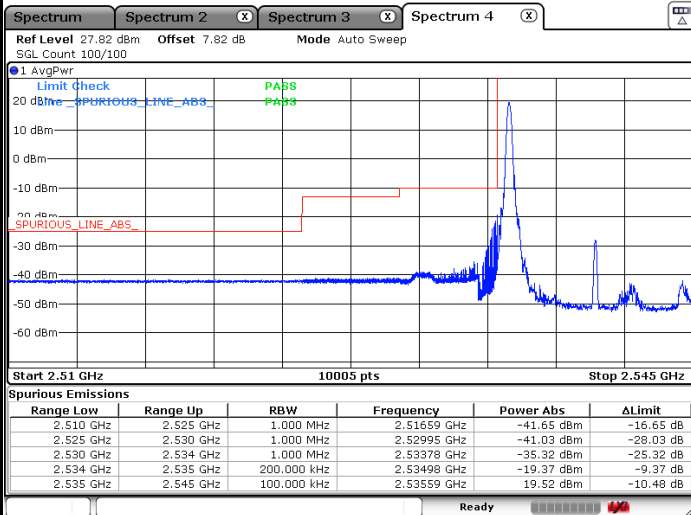
Date: 17 JUL 2020 23:20:41



LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

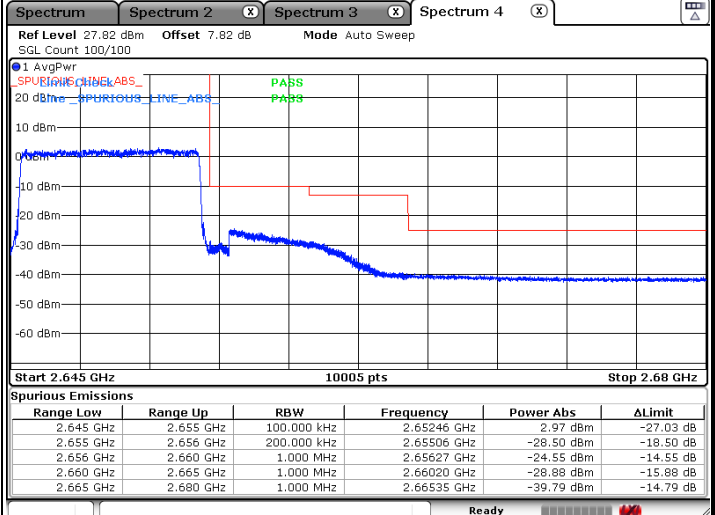
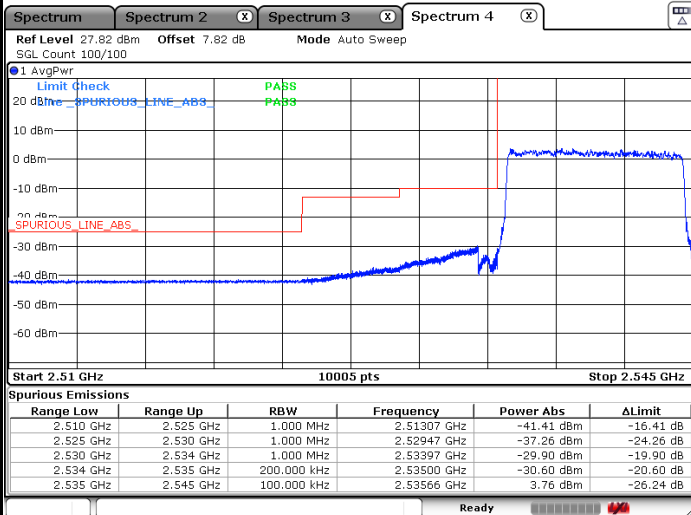


Date:18.JUL.2020 00:14:06

Date:18.JUL.2020 00:03:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



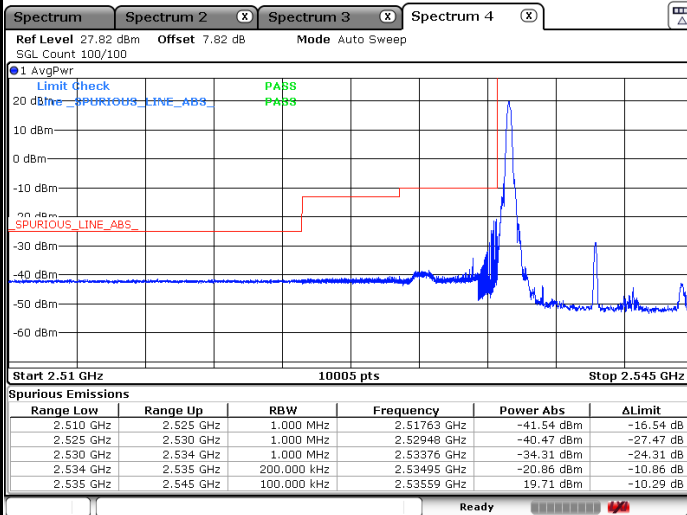
Date:18.JUL.2020 00:16:07

Date:18.JUL.2020 00:02:50



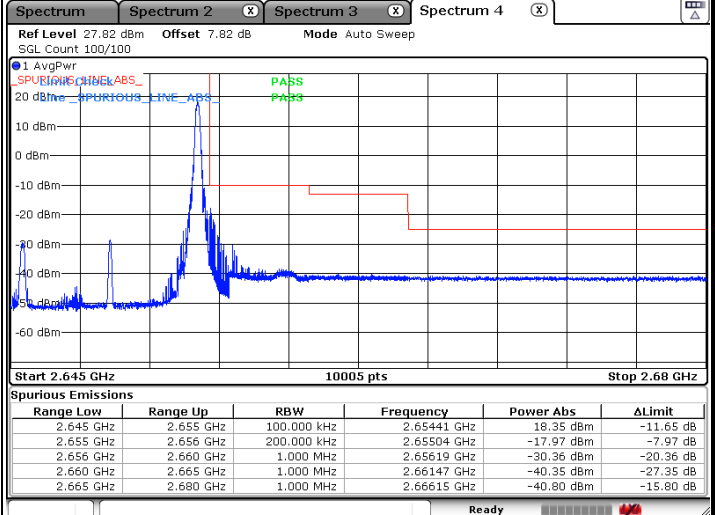
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



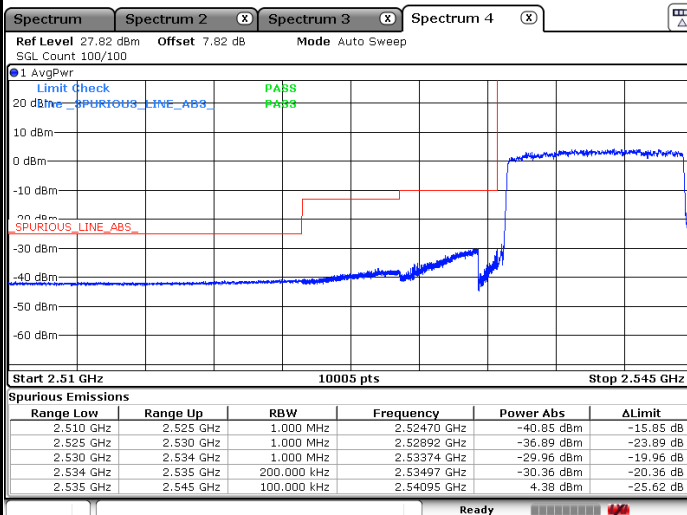
Date: 18 JUL 2020 00:13:50

Highest Band Edge / 1 RB



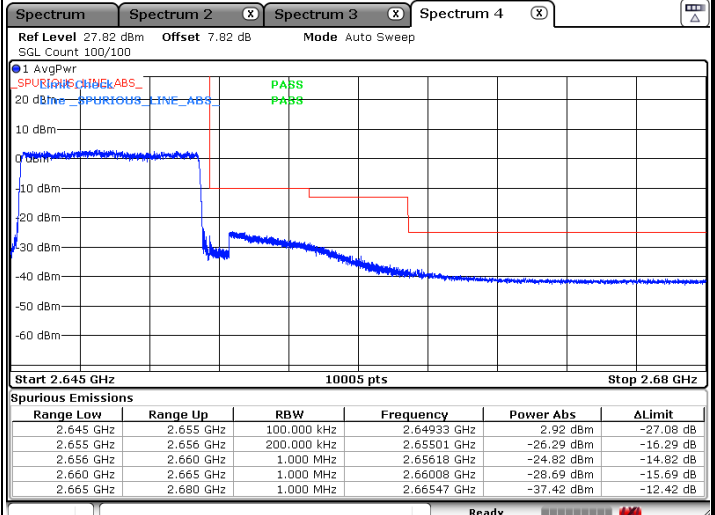
Date: 18 JUL 2020 00:03:27

Lowest Band Edge / Full RB



Date: 18 JUL 2020 00:16:26

Highest Band Edge / Full RB



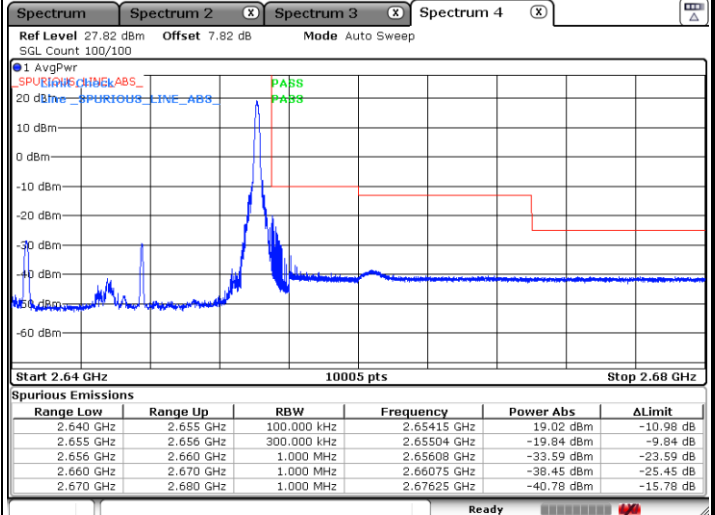
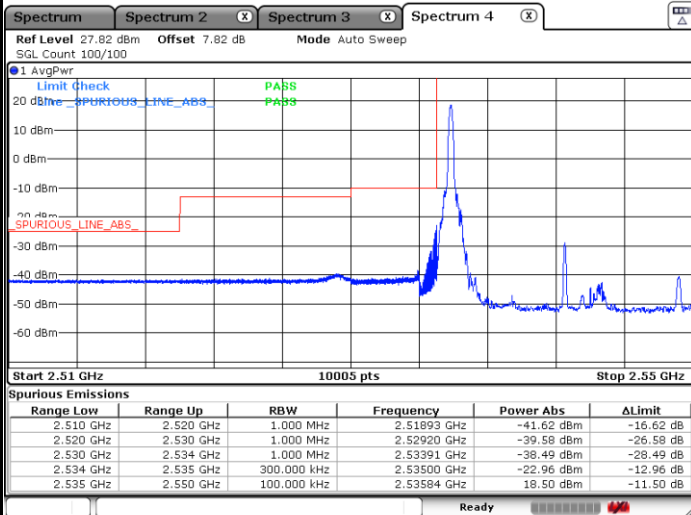
Date: 18 JUL 2020 00:02:29



LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

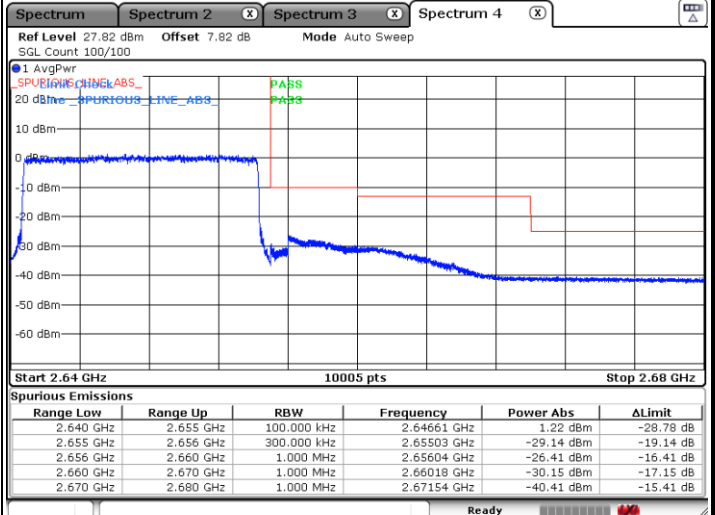
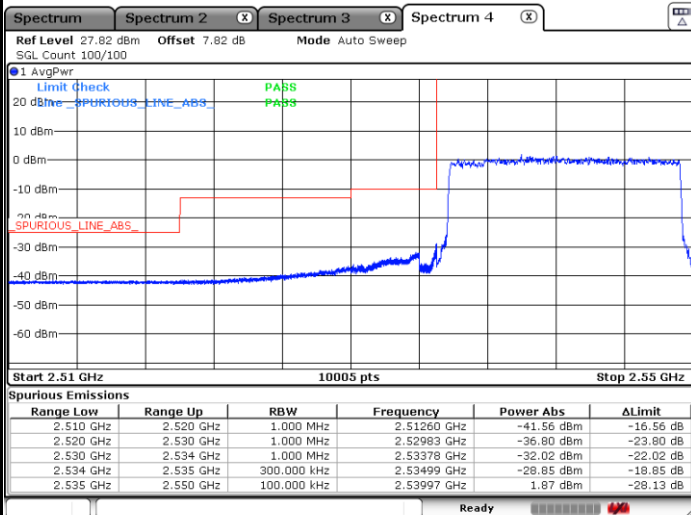


Date: 18 JUL 2020 00:35:02

Date: 18 JUL 2020 00:53:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



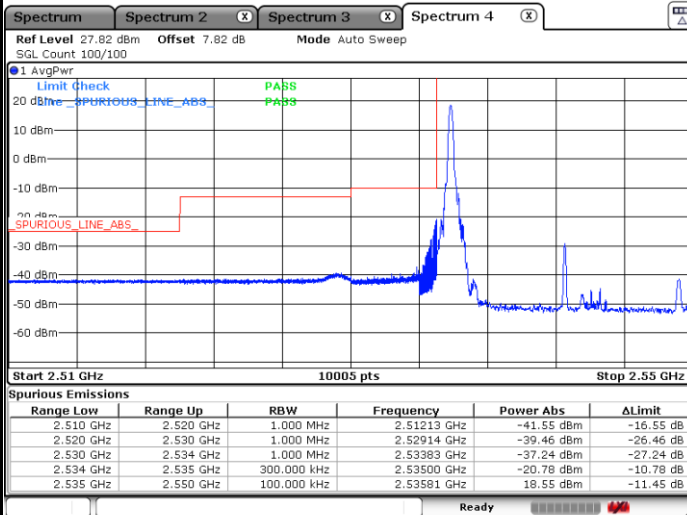
Date: 18 JUL 2020 00:37:09

Date: 18 JUL 2020 00:52:56



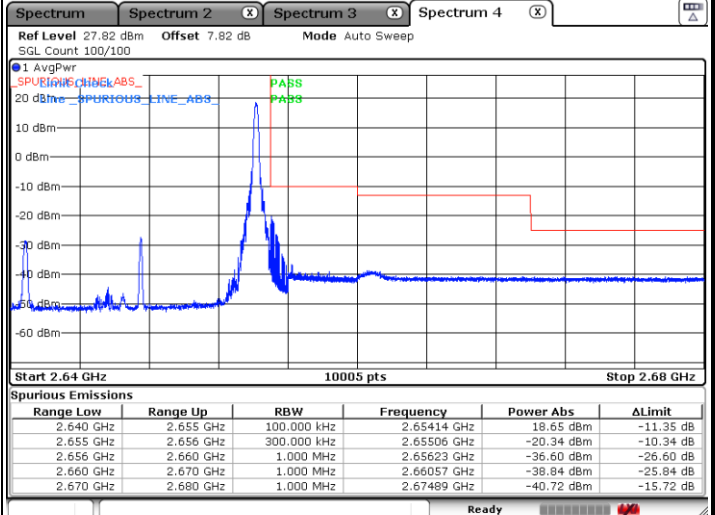
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



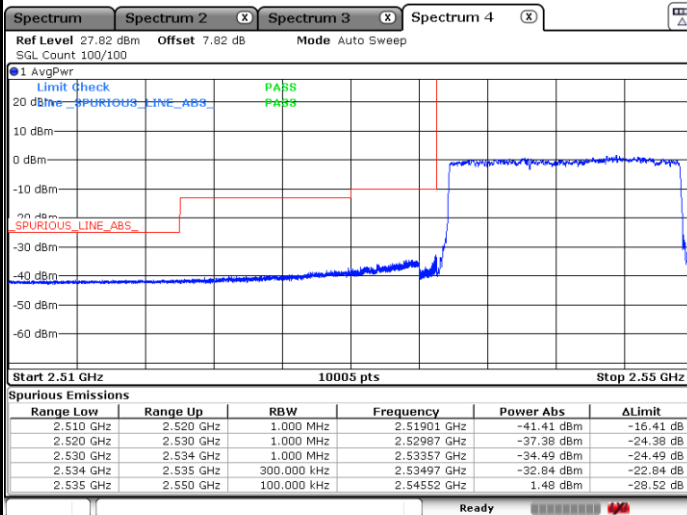
Date: 18 JUL 2020 00:35:37

Highest Band Edge / 1 RB



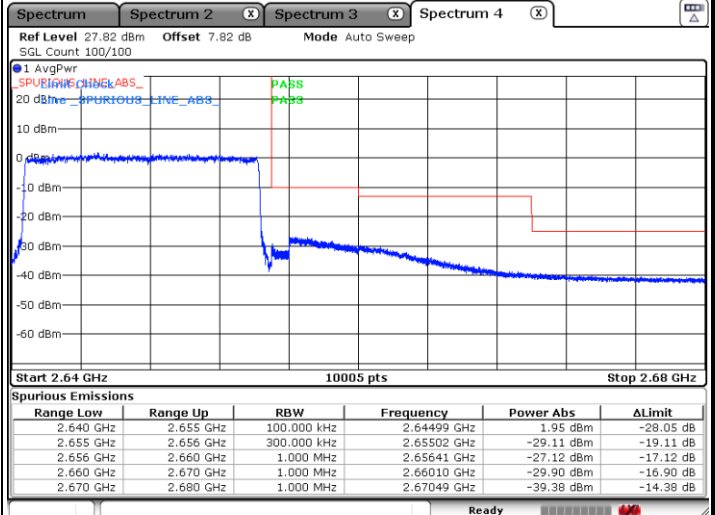
Date: 18 JUL 2020 00:53:43

Lowest Band Edge / Full RB



Date: 18 JUL 2020 00:36:53

Highest Band Edge / Full RB



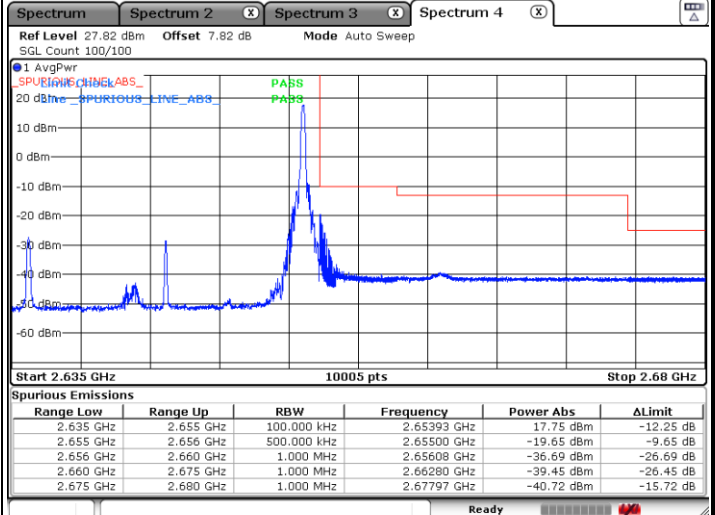
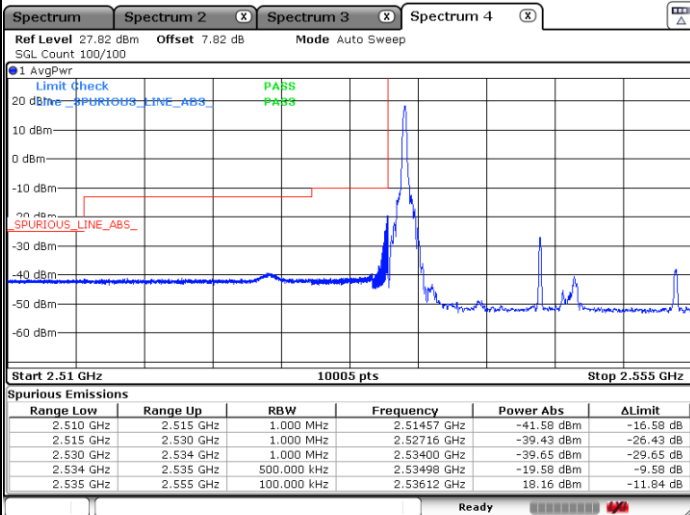
Date: 18 JUL 2020 00:52:38



LTE Band 41 / 20MHz / QPSK

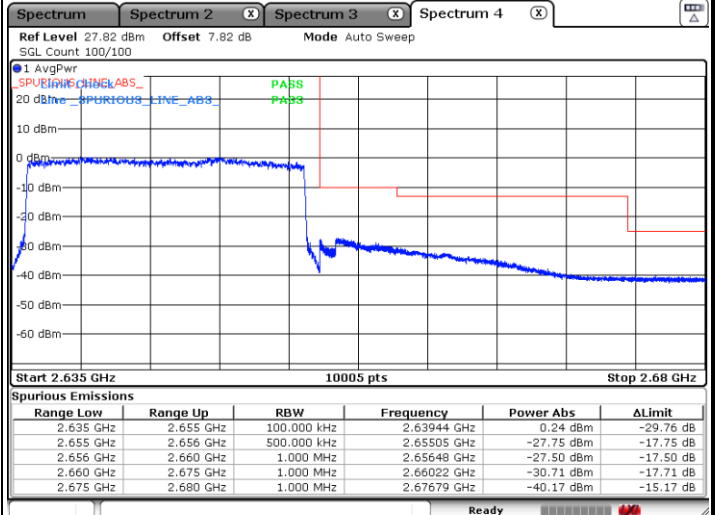
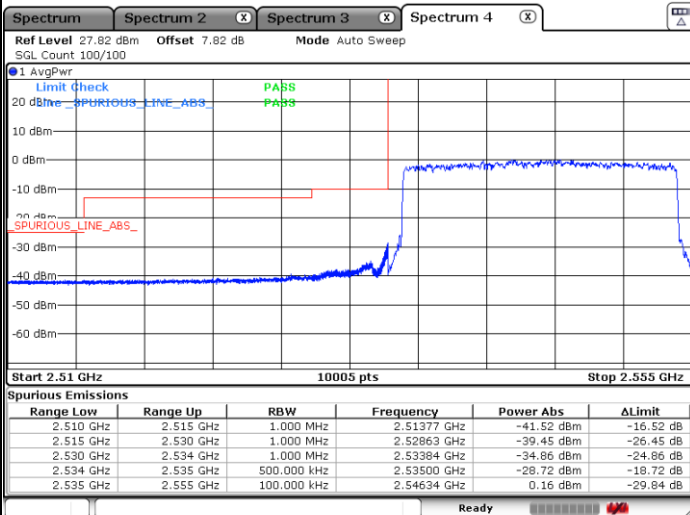
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

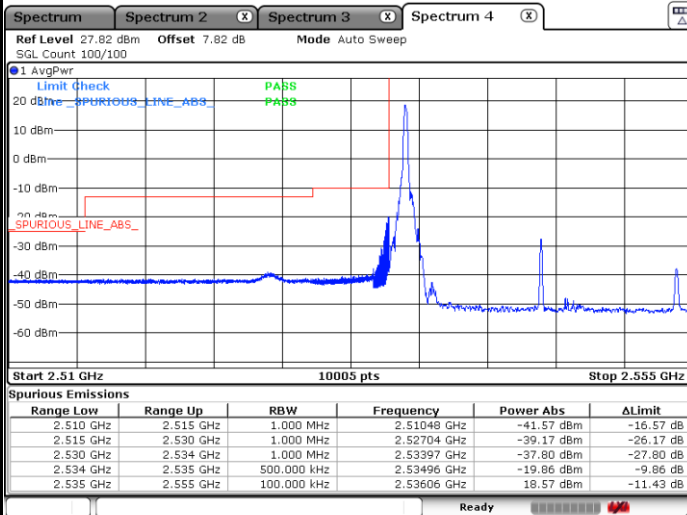
Highest Band Edge / Full RB



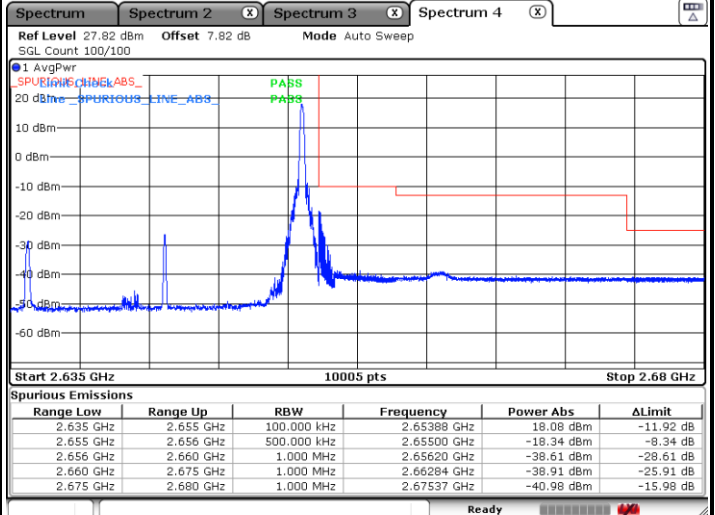


LTE Band 41 / 20MHz / 16QAM

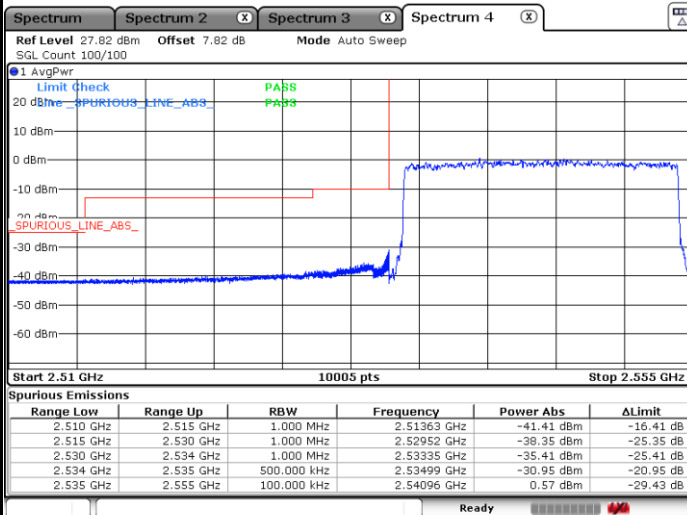
Lowest Band Edge / 1 RB



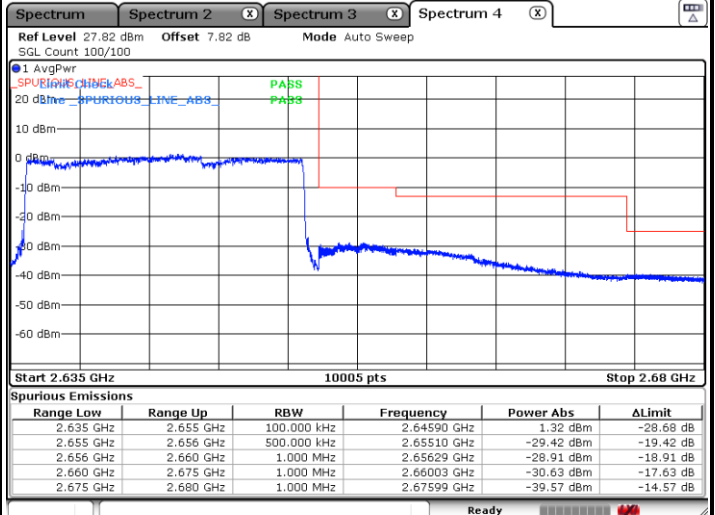
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



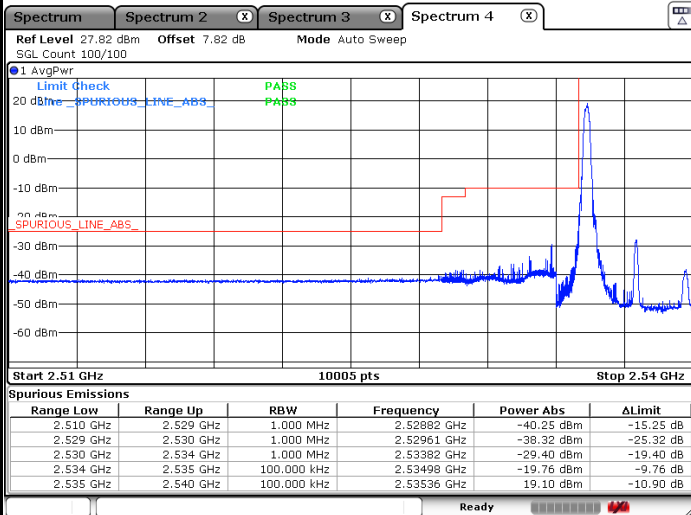
Highest Band Edge / Full RB



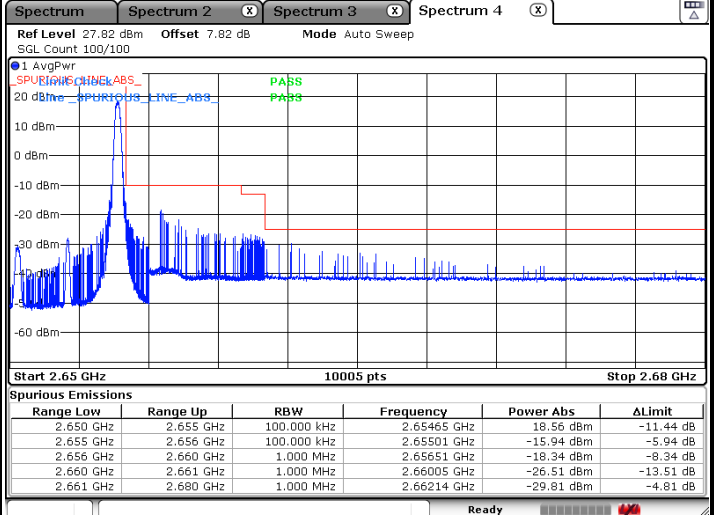


LTE Band 41 / 5MHz / 64QAM

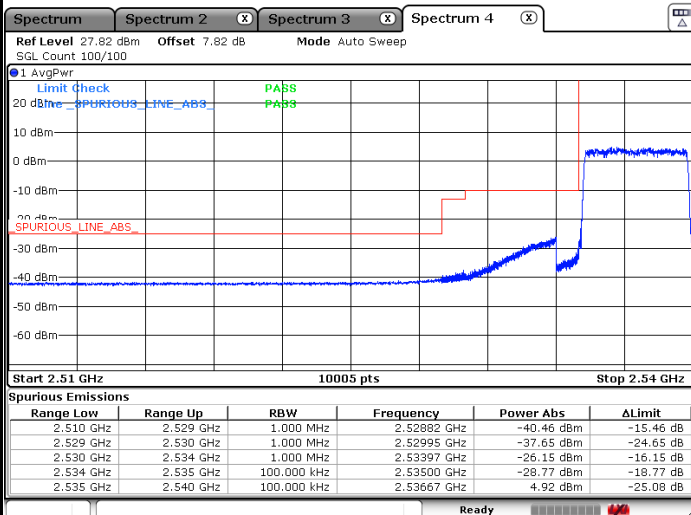
Lowest Band Edge / 1 RB



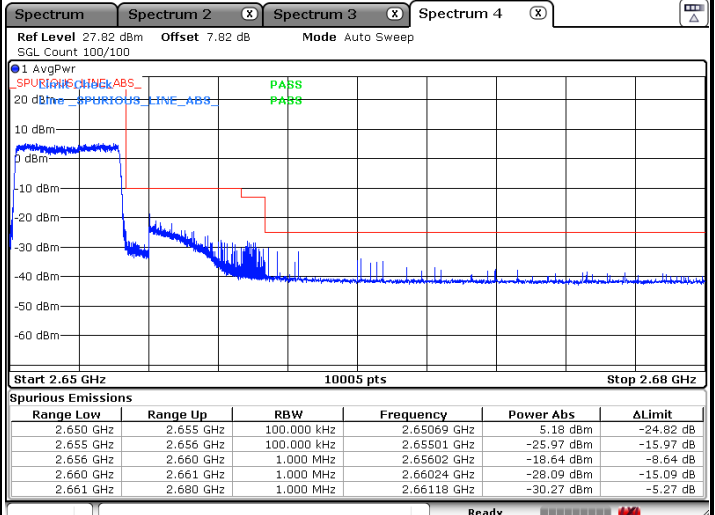
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



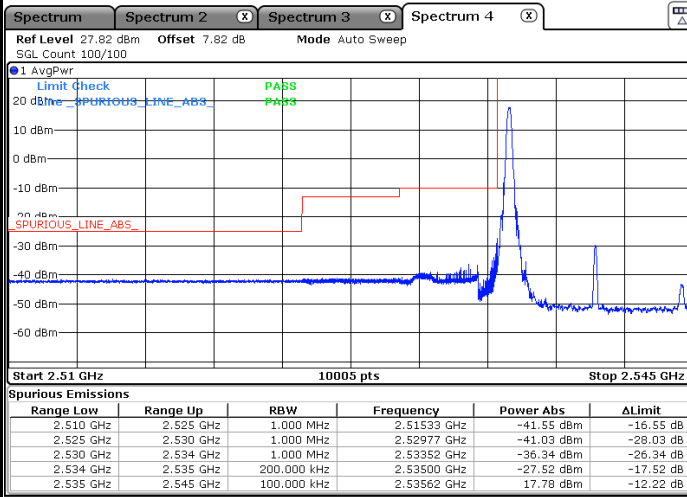
Highest Band Edge / Full RB





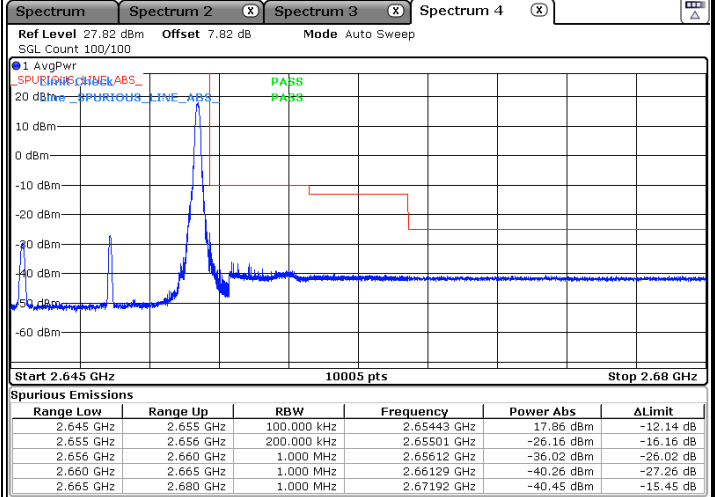
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



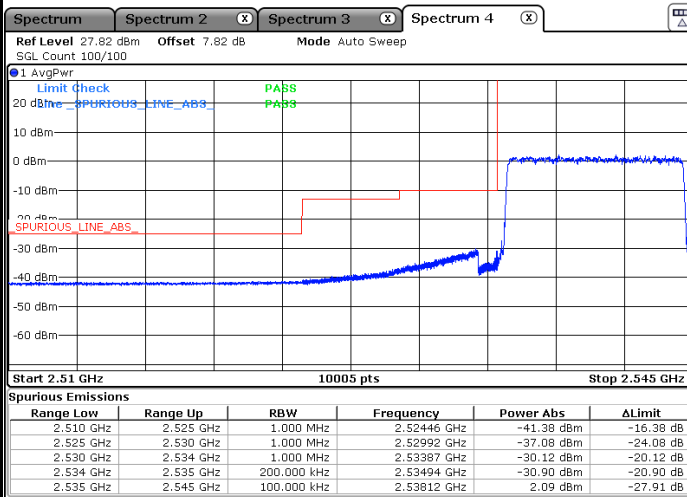
Date: 18 JUL 2020 00:13:01

Highest Band Edge / 1 RB



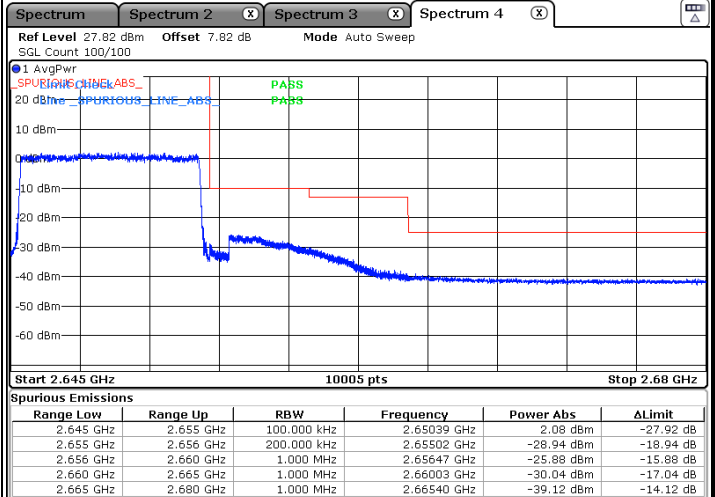
Date: 18 JUL 2020 00:03:55

Lowest Band Edge / Full RB



Date: 18 JUL 2020 00:16:44

Highest Band Edge / Full RB



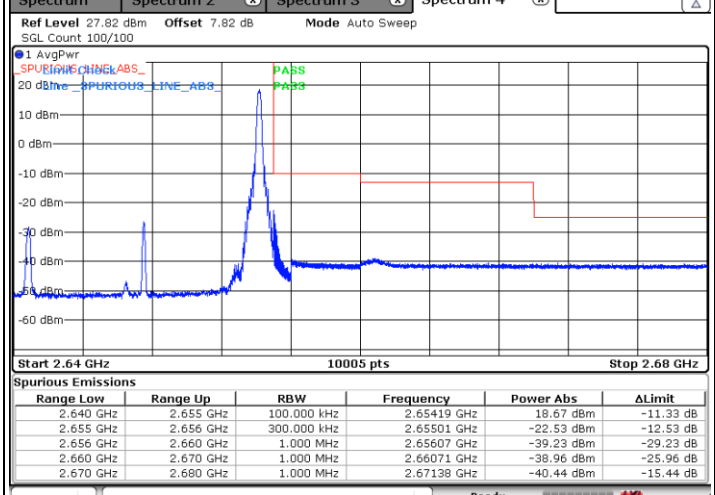
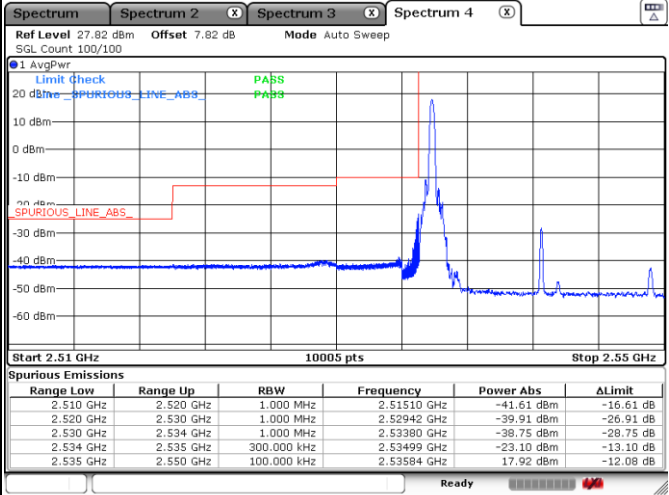
Date: 18 JUL 2020 00:02:04



LTE Band 41 / 15MHz / 64QAM

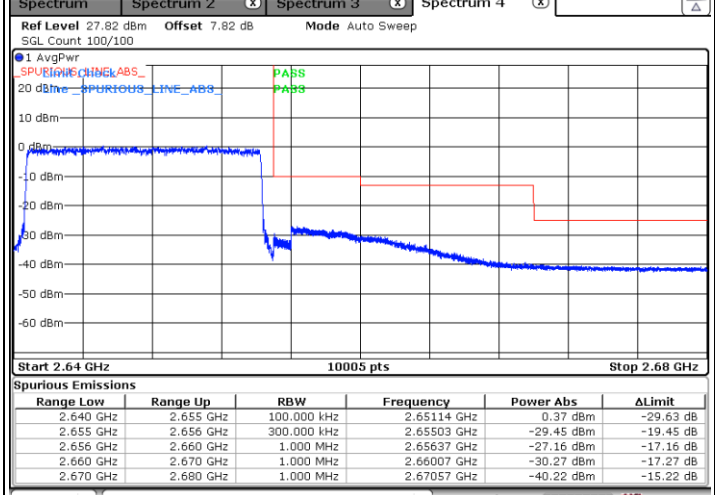
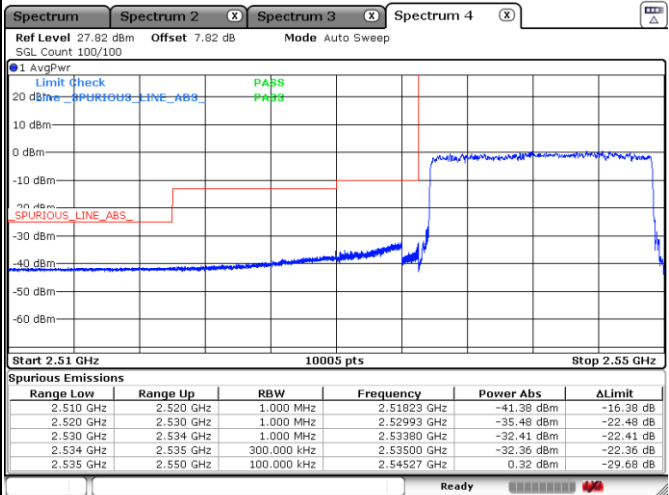
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

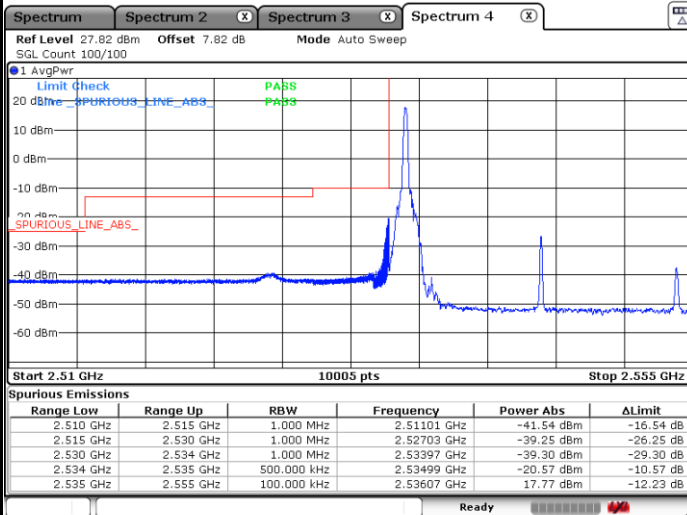
Highest Band Edge / Full RB



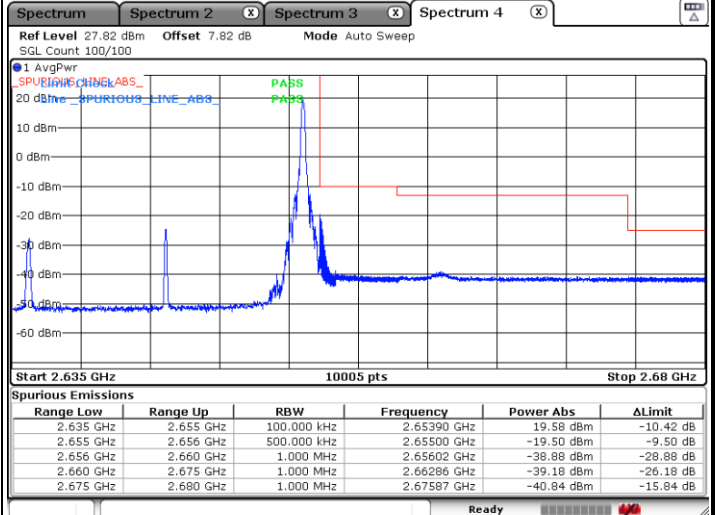


LTE Band 41 / 20MHz / 64QAM

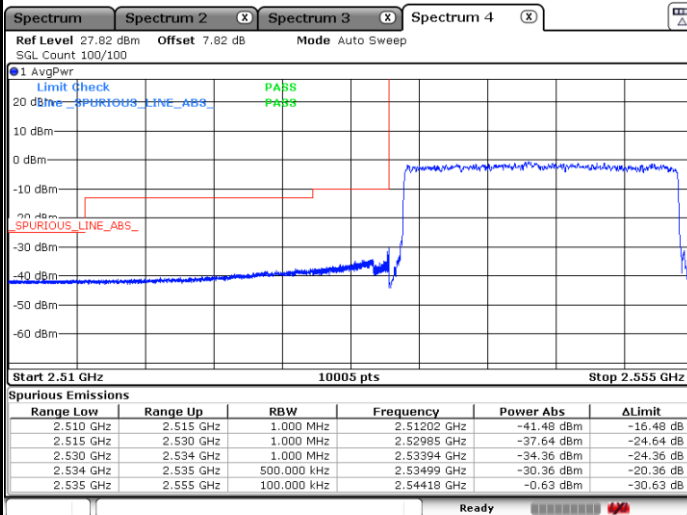
Lowest Band Edge / 1 RB



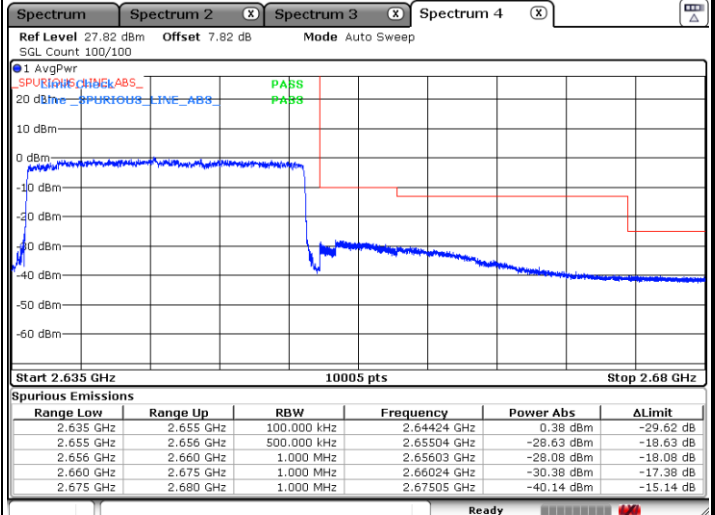
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

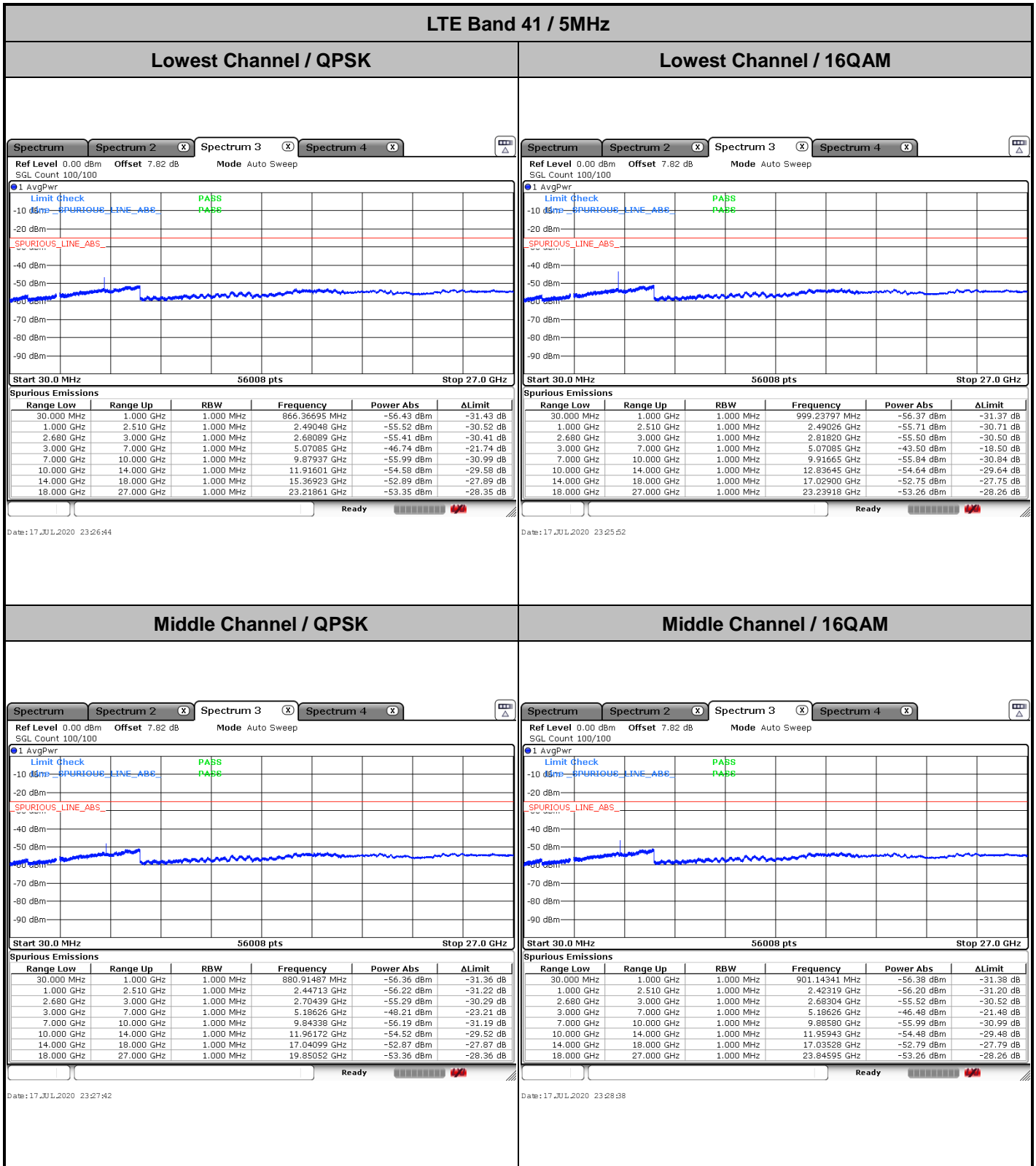


Highest Band Edge / Full RB





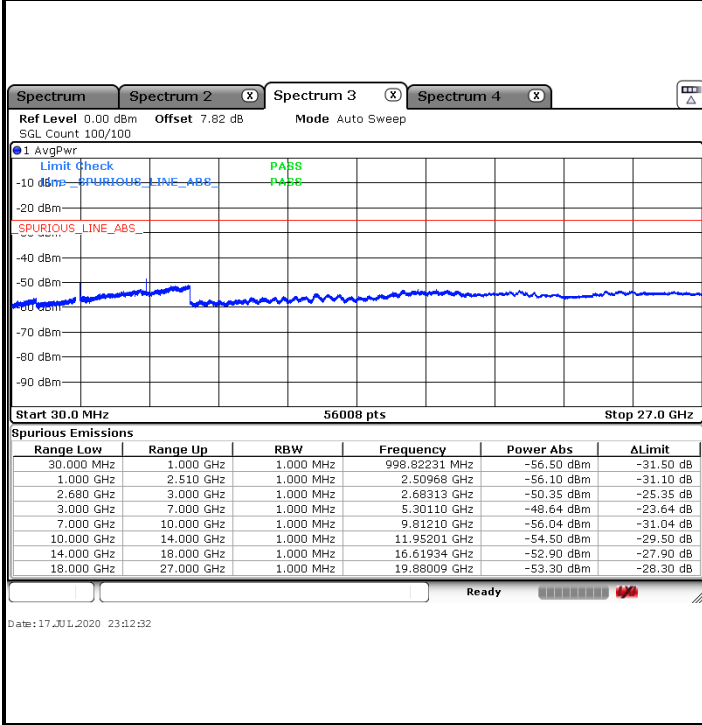
Conducted Spurious Emission



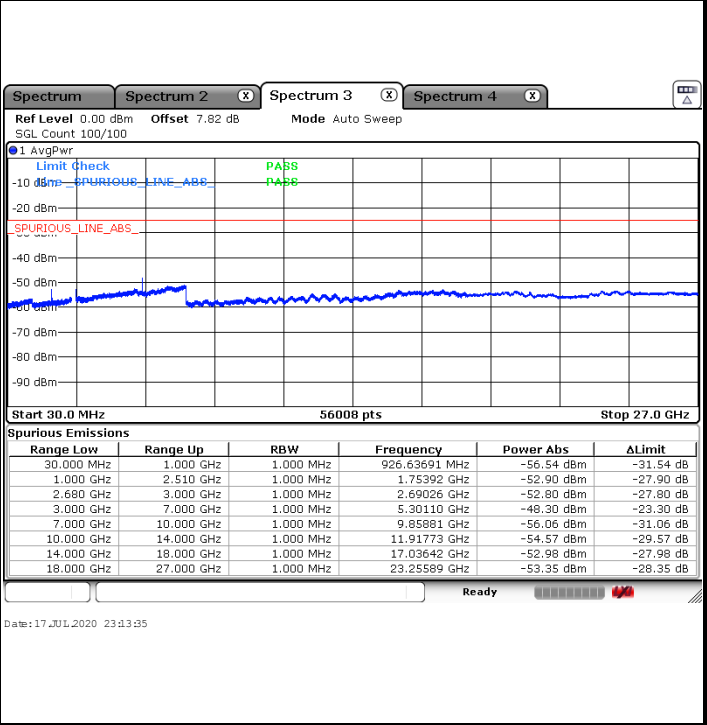


LTE Band 41 / 5MHz

Highest Channel / QPSK

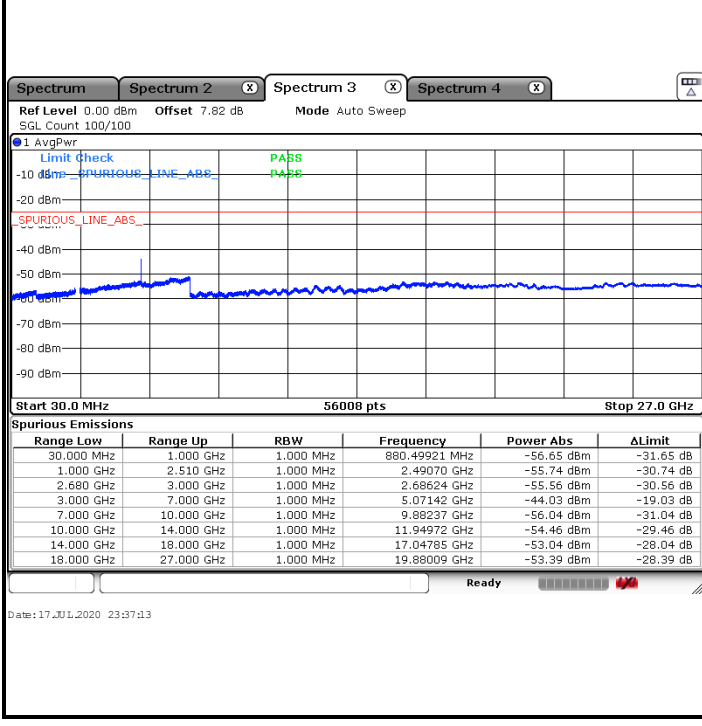


Highest Channel / 16QAM

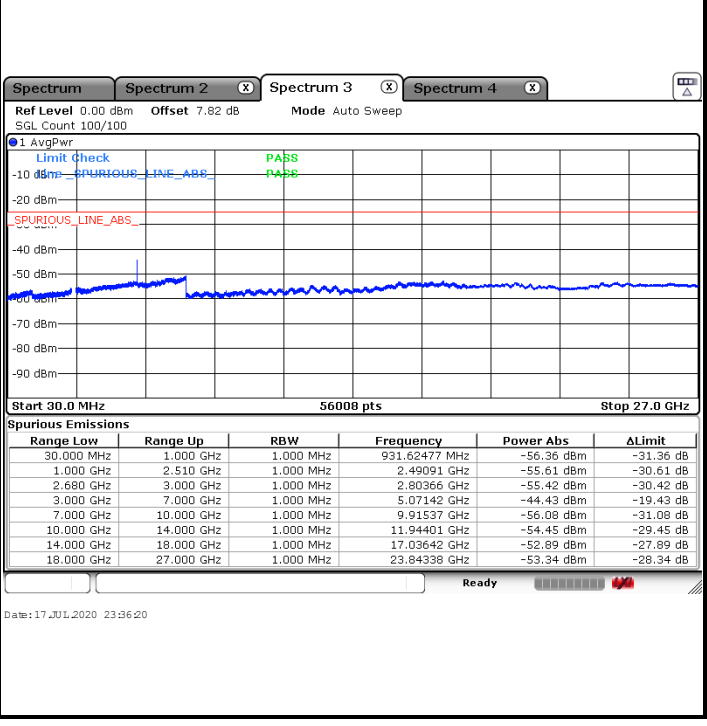


LTE Band 41/ 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

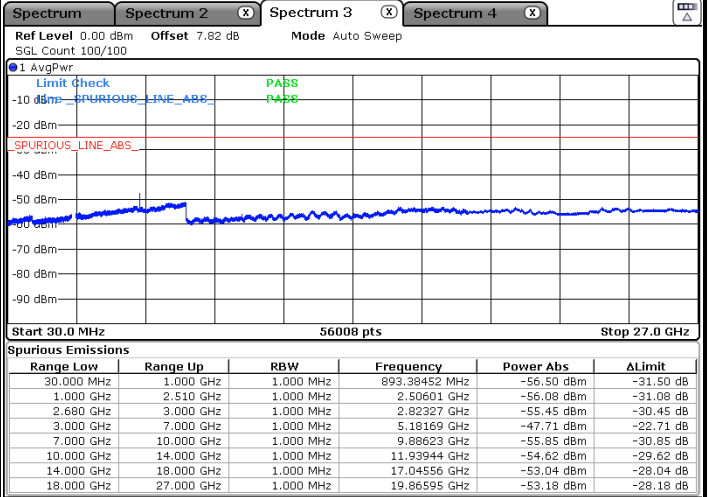
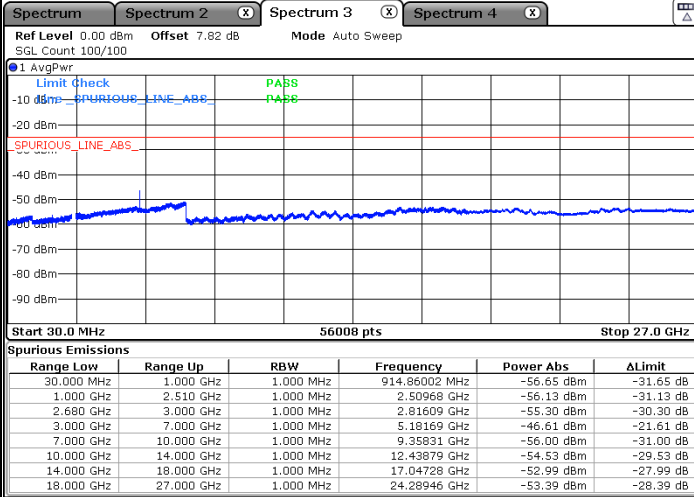




LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

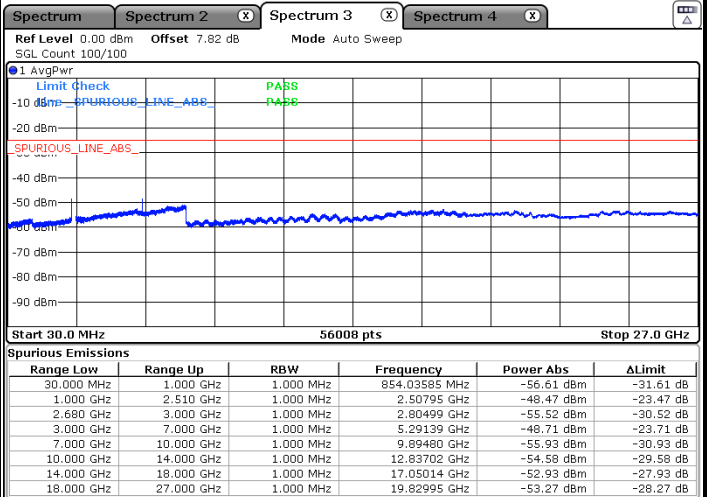
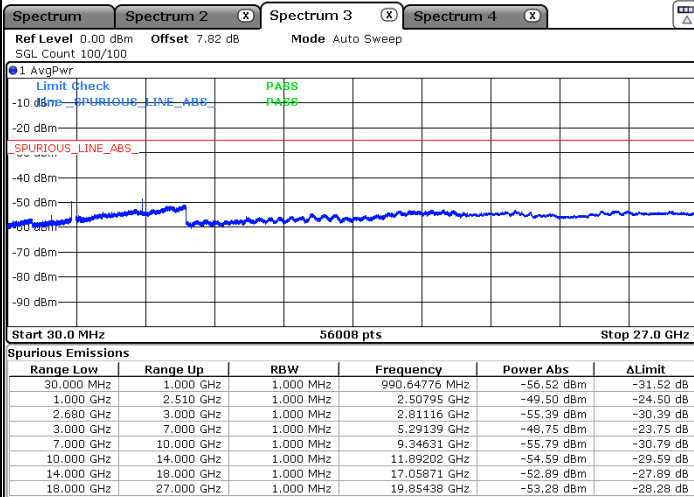


Date: 17 JUL 2020 23:44:32

Date: 17 JUL 2020 23:47:11

Highest Channel / QPSK

Highest Channel / 16QAM



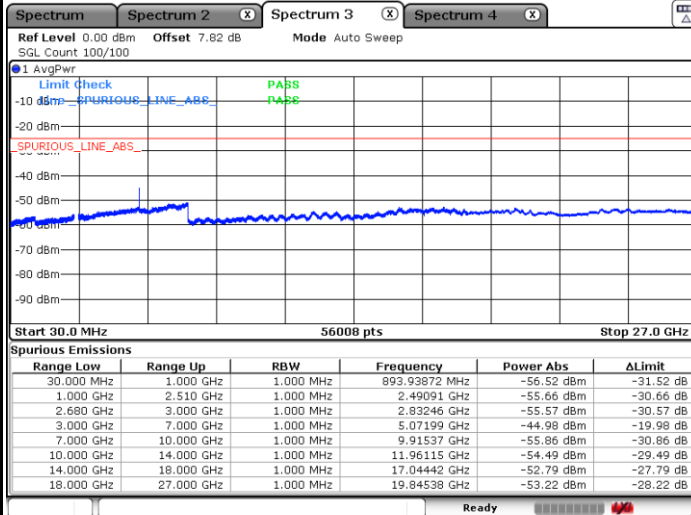
Date: 17 JUL 2020 23:52:51

Date: 17 JUL 2020 23:51:42



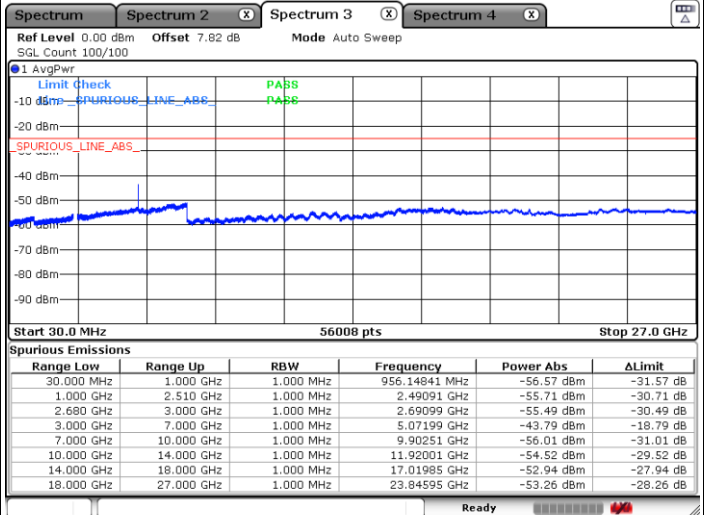
LTE Band 41 / 15MHz

Lowest Channel / QPSK



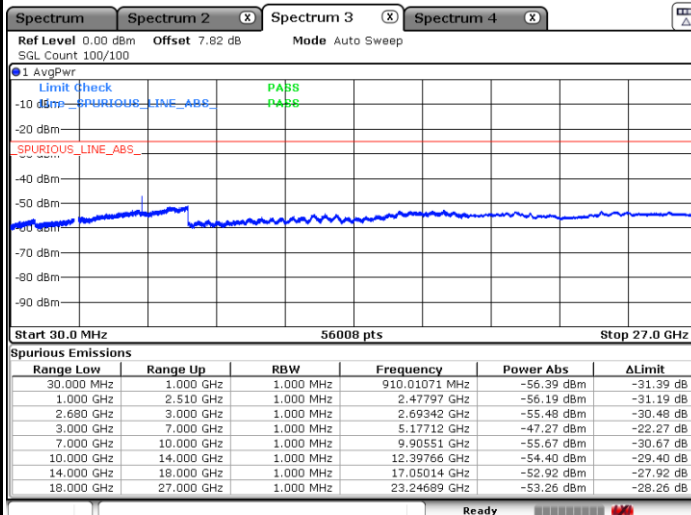
Date: 18 JUL 2020 00:33:42

Lowest Channel / 16QAM



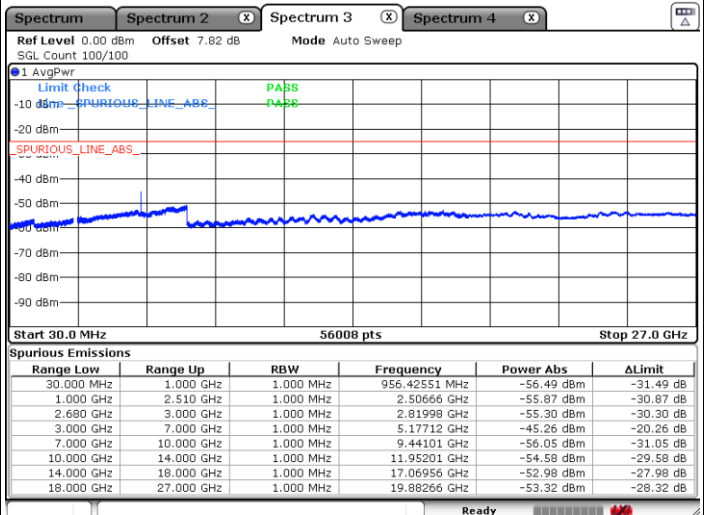
Date: 18 JUL 2020 00:32:50

Middle Channel / QPSK



Date: 18 JUL 2020 00:42:00

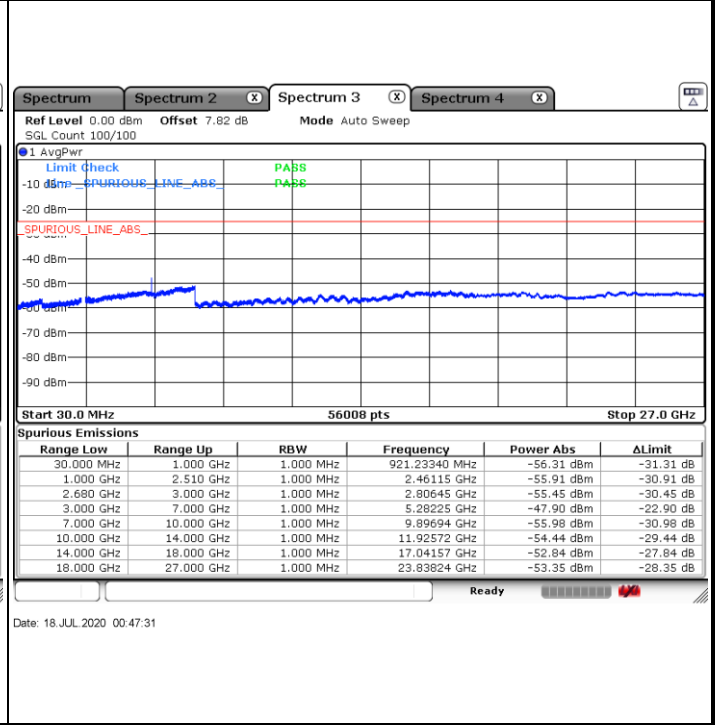
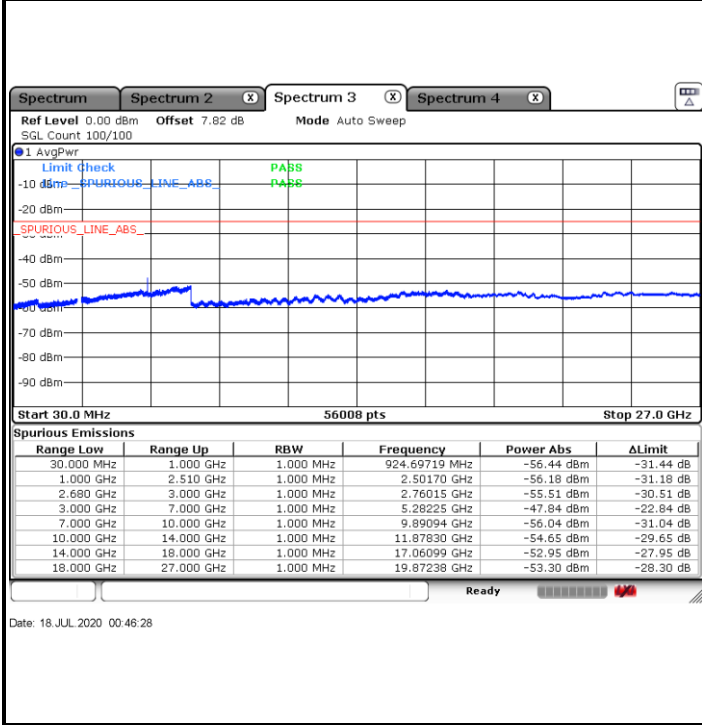
Middle Channel / 16QAM



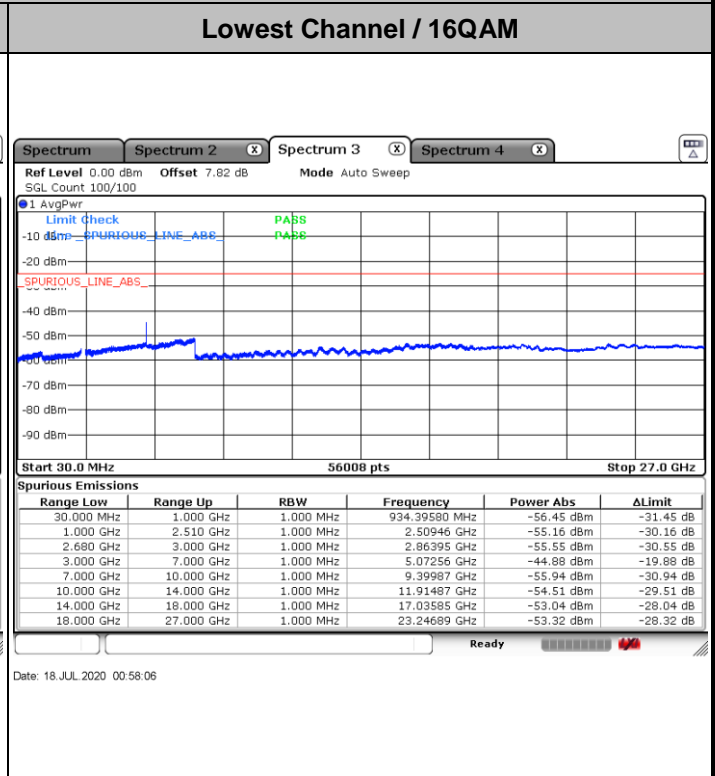
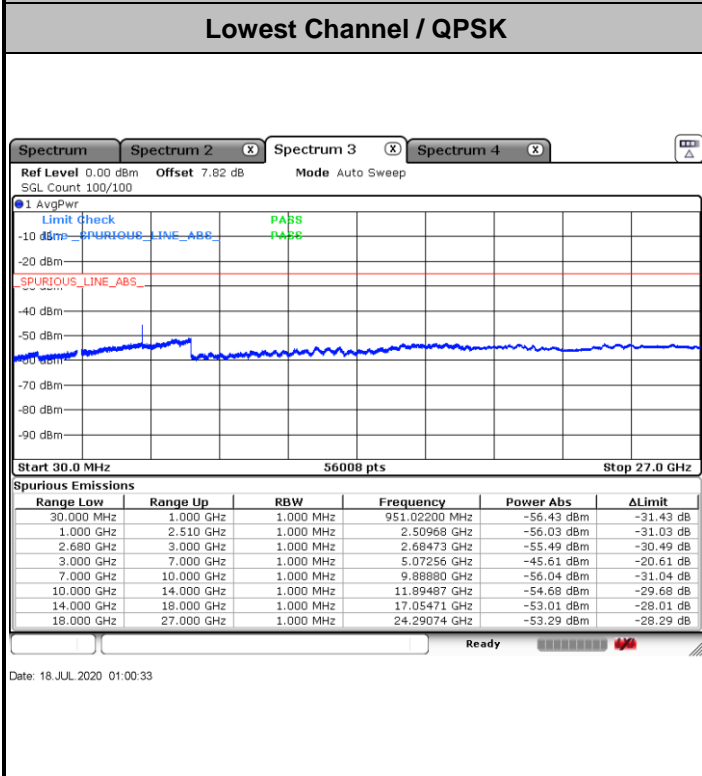
Date: 18 JUL 2020 00:43:05



Highest Channel / QPSK	Highest Channel / 16QAM
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LTE Band 41 / 20MHz

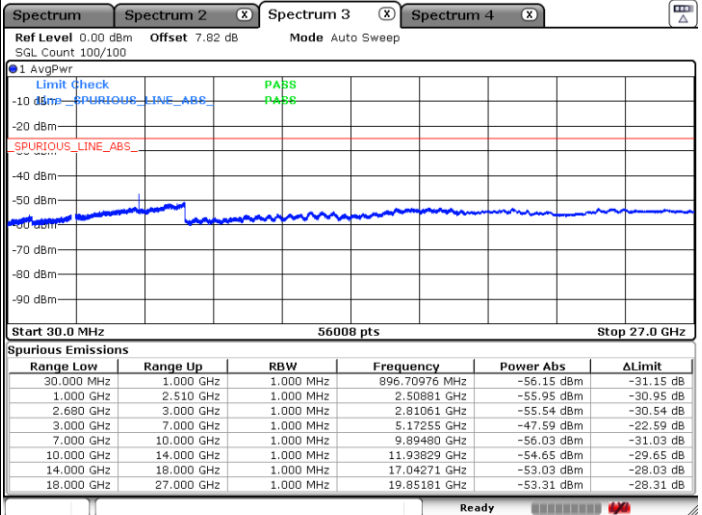
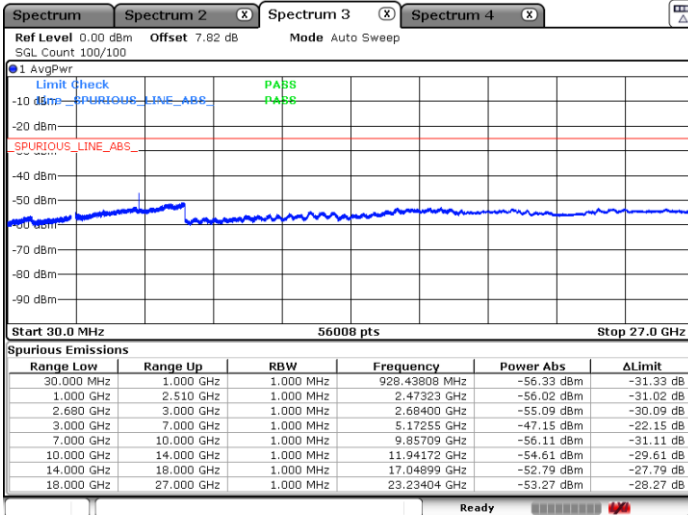




LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

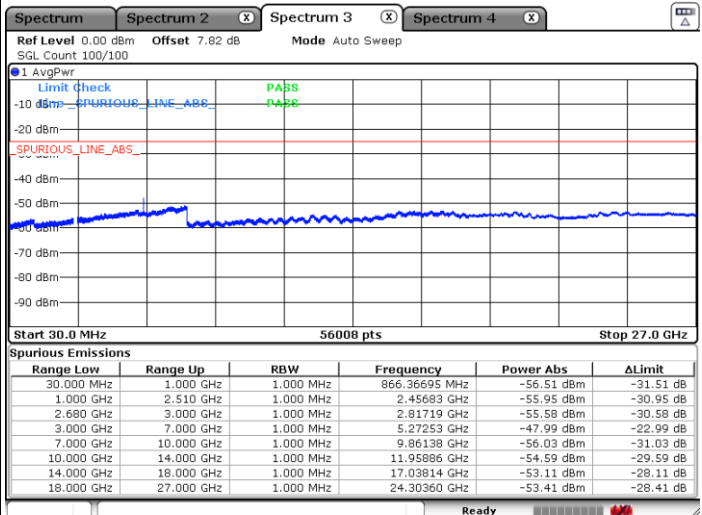
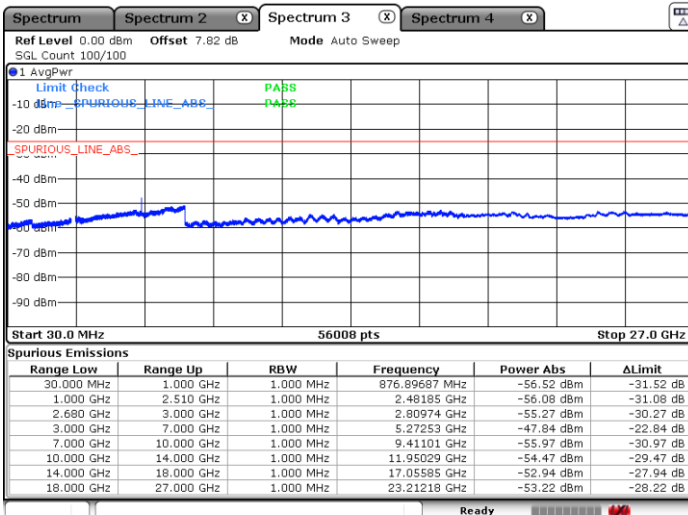


Date: 18 JUL 2020 01:07:08

Date: 18 JUL 2020 01:08:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 JUL 2020 02:23:04

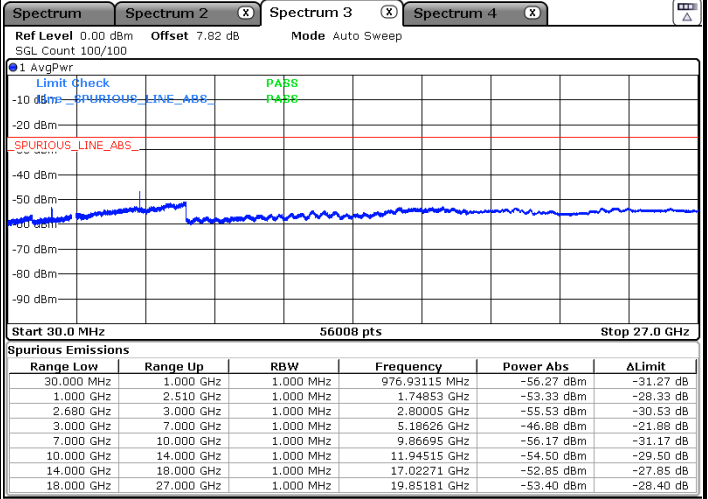
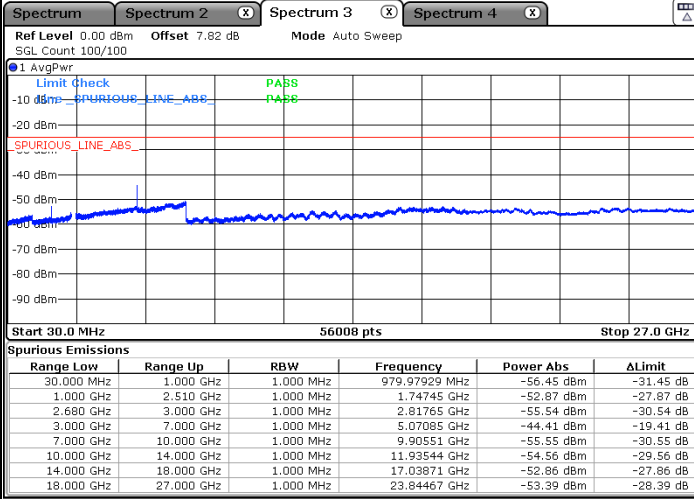
Date: 18 JUL 2020 02:22:08



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

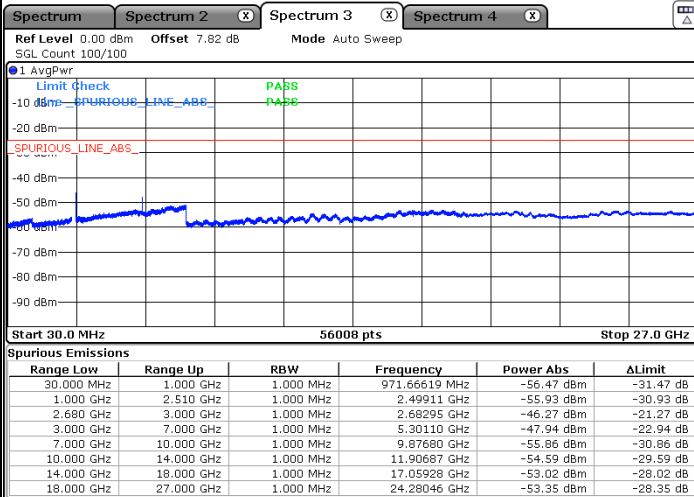
Middle Channel / 64QAM



Date: 17 JUL 2020 23:24:43

Date: 17 JUL 2020 23:29:40

Highest Channel / 64QAM



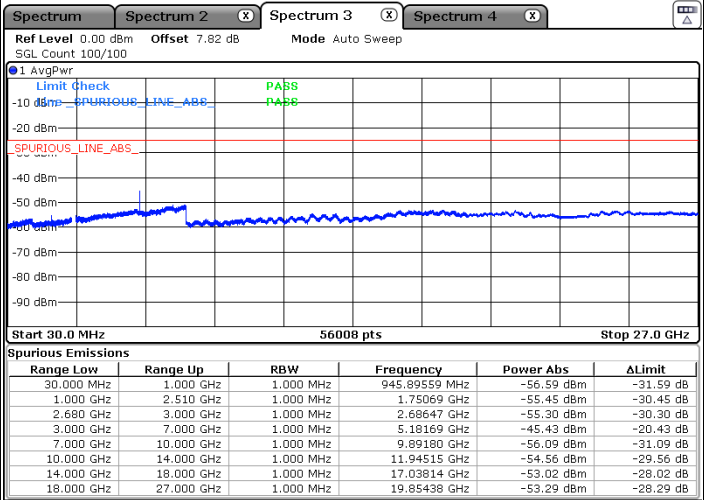
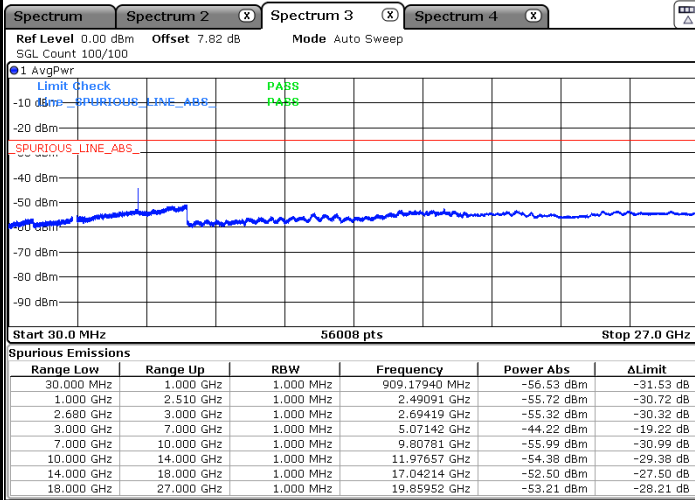
Date: 17 JUL 2020 23:14:40



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

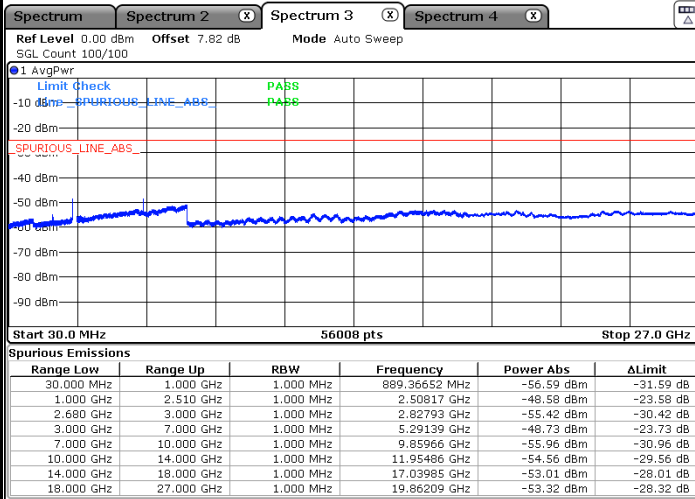
Middle Channel / 64QAM



Date: 17 JUL 2020 23:35:10

Date: 17 JUL 2020 23:48:09

Highest Channel / 64QAM



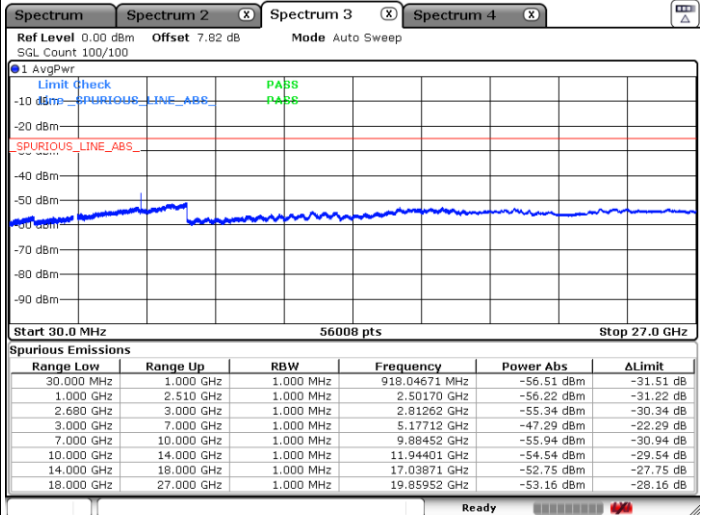
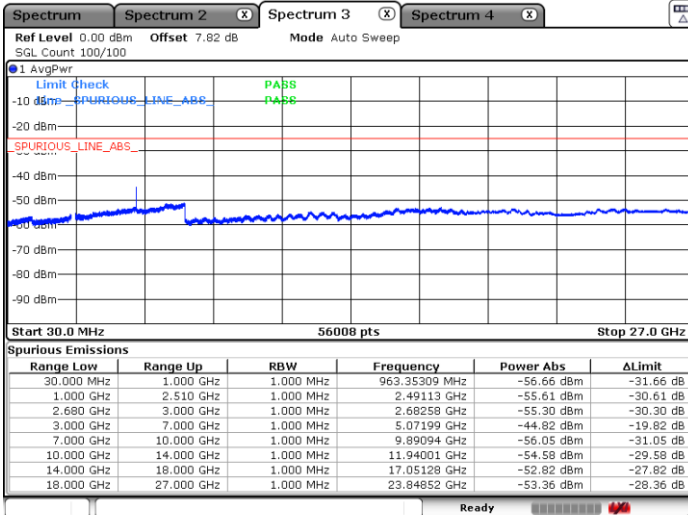
Date: 17 JUL 2020 23:50:34



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

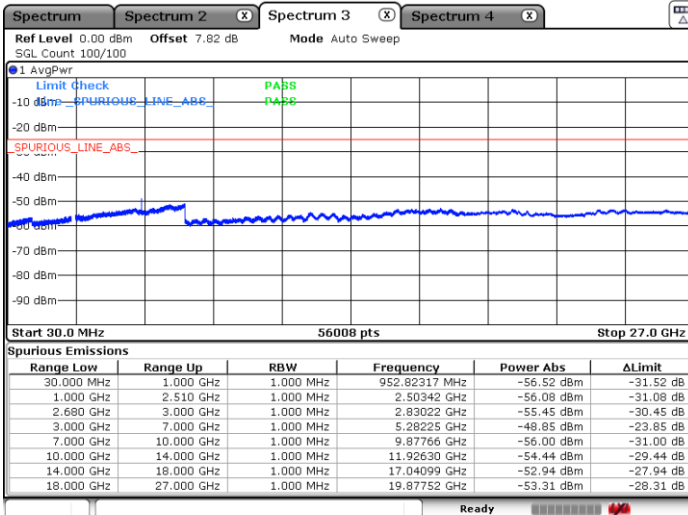
Middle Channel / 64QAM



Date: 18 JUL 2020 00:31:46

Date: 18 JUL 2020 00:43:59

Highest Channel / 64QAM



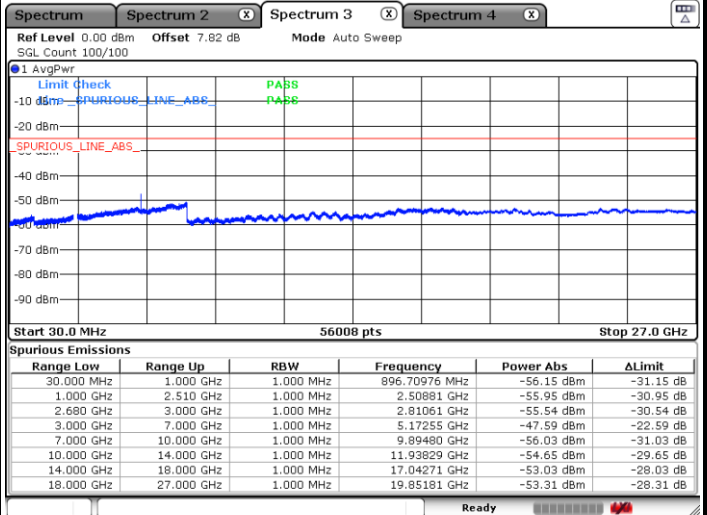
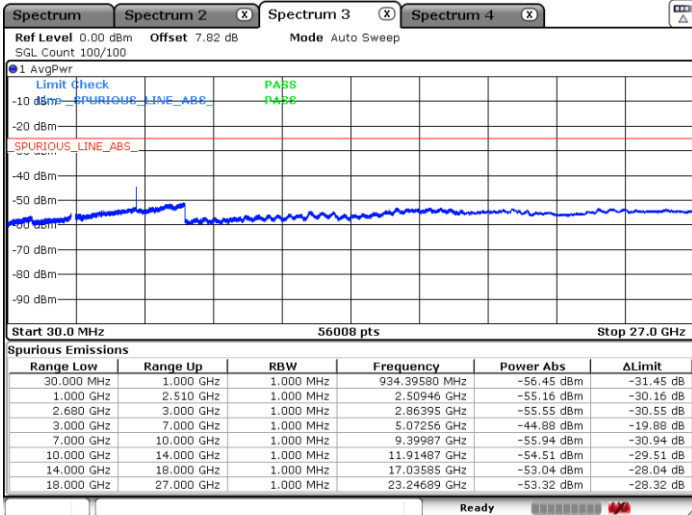
Date: 18 JUL 2020 00:48:25



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

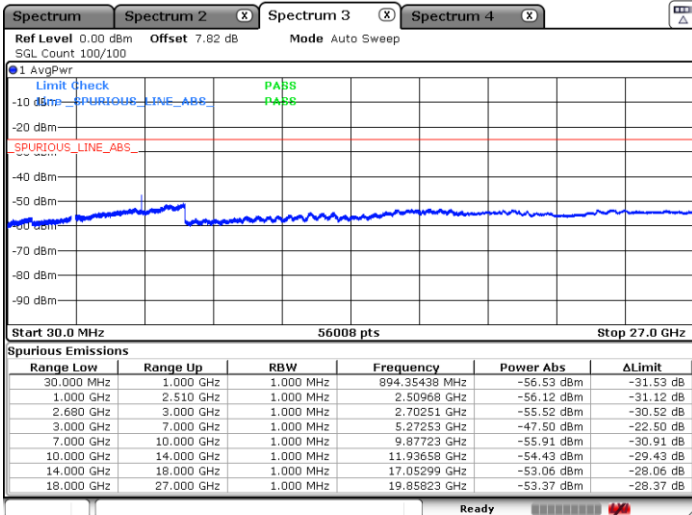
Middle Channel / 64QAM



Date: 18 JUL 2020 00:58:06

Date: 18 JUL 2020 01:08:06

Highest Channel / 64QAM



Date: 18 JUL 2020 02:20:35



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	0.0024	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

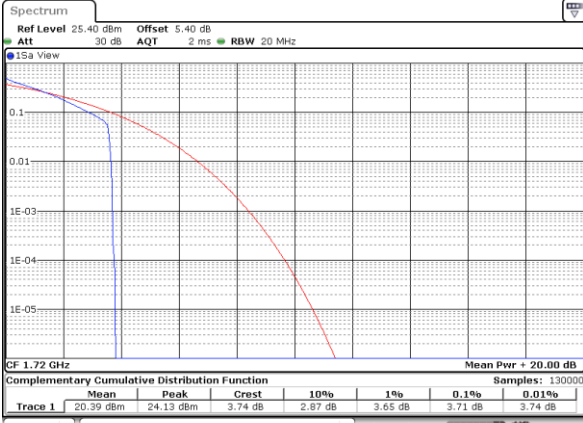
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	4.61	5.28	6.03	PASS
Middle CH	3.68	4.49	5.07	5.94	
Highest CH	3.59	4.61	5.10	5.97	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.35	6.64	-	-	PASS
Middle CH	6.78	6.61	-	-	
Highest CH	6.81	6.70	-	-	



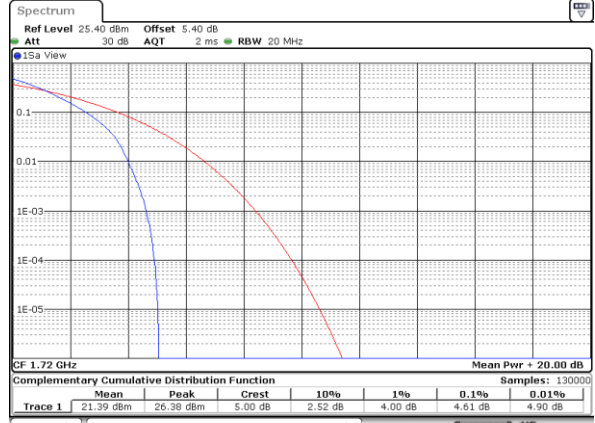
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



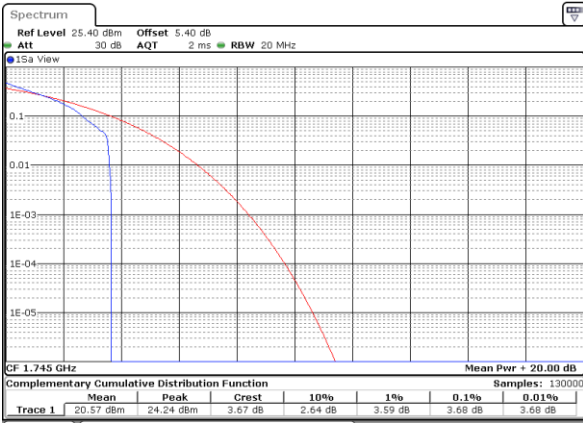
Date: 11 JUL 2020 06:47:37

Lowest Channel / Full RB



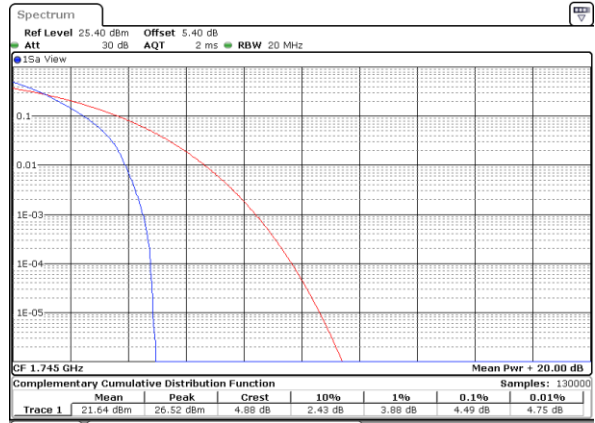
Date: 11 JUL 2020 06:46:02

Middle Channel / 1RB



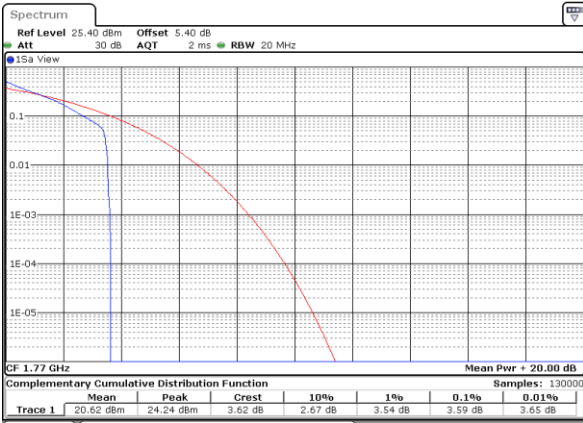
Date: 11 JUL 2020 06:55:11

Middle Channel / Full RB



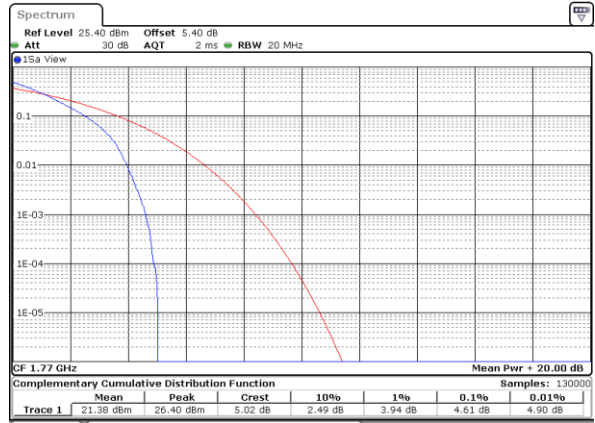
Date: 11 JUL 2020 06:54:55

Highest Channel / 1RB



Date: 11 JUL 2020 07:01:50

Highest Channel / Full RB

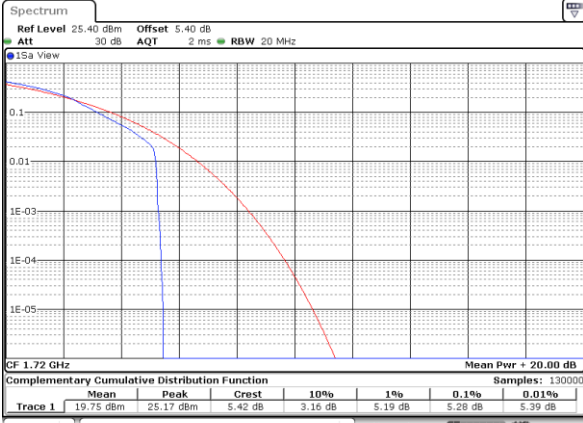


Date: 11 JUL 2020 07:00:58



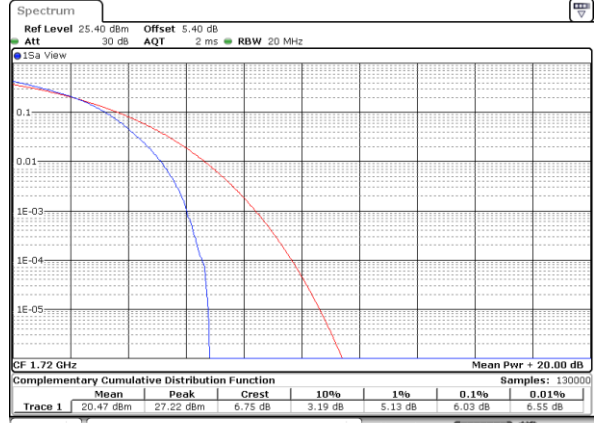
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



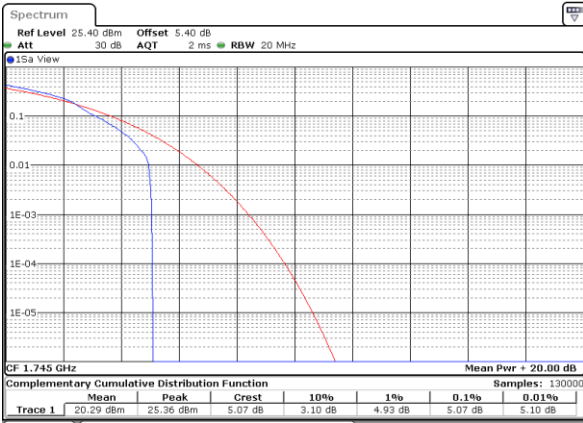
Date: 11 JUL 2020 06:48:35

Lowest Channel / Full RB



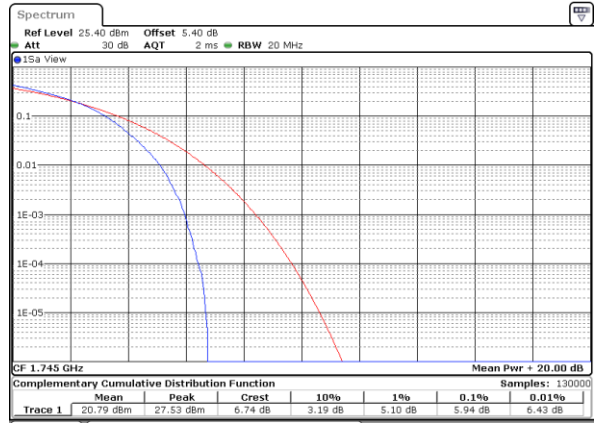
Date: 11 JUL 2020 06:48:08

Middle Channel / 1RB



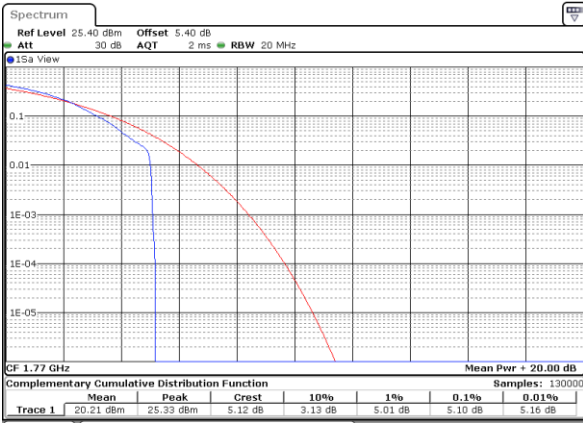
Date: 11 JUL 2020 06:56:22

Middle Channel / Full RB



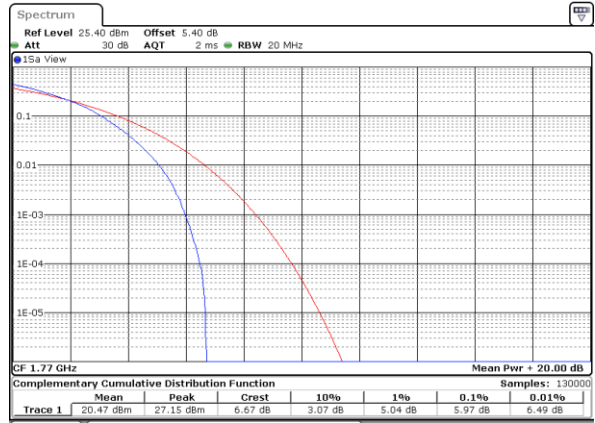
Date: 11 JUL 2020 06:56:01

Highest Channel / 1RB



Date: 11 JUL 2020 07:03:30

Highest Channel / Full RB

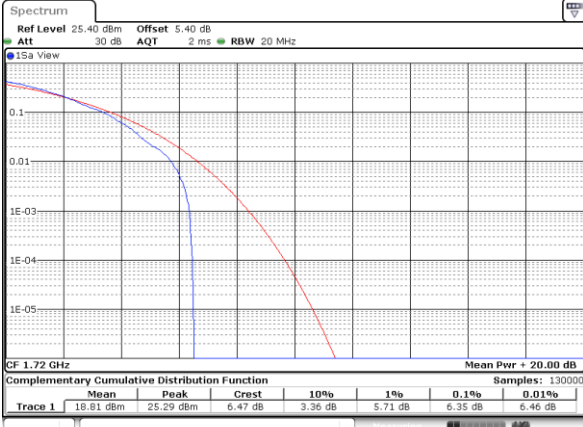


Date: 11 JUL 2020 07:02:47



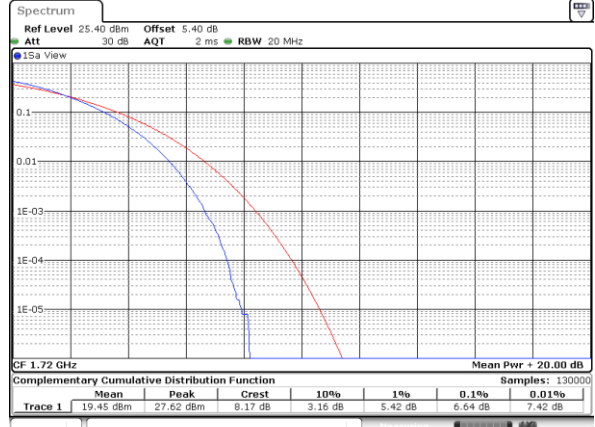
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



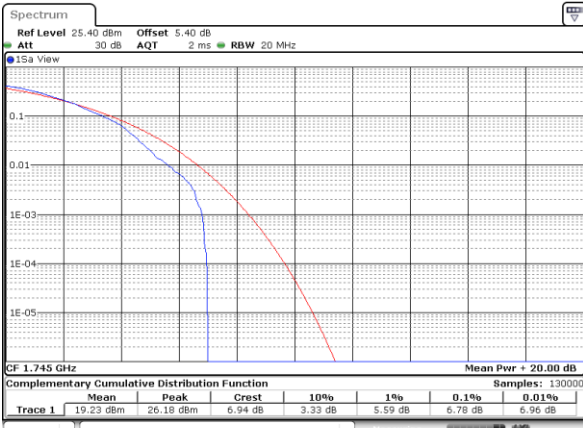
Date: 11 JUL 2020 06:50:19

Lowest Channel / Full RB



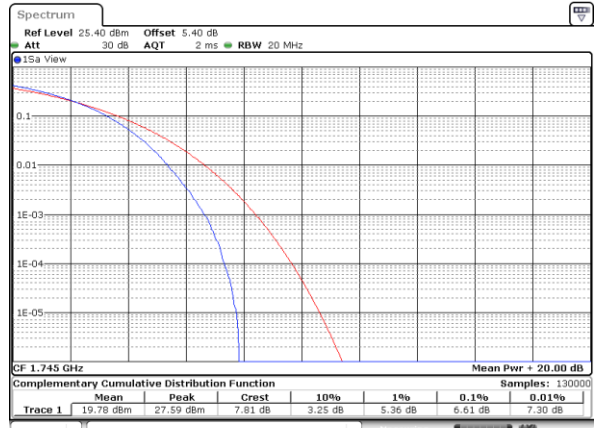
Date: 11 JUL 2020 06:49:49

Middle Channel / 1RB



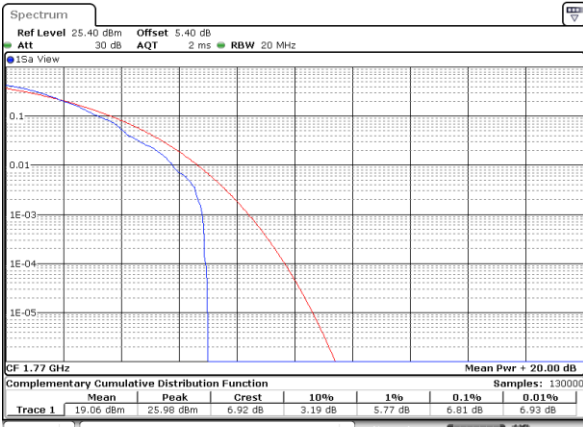
Date: 11 JUL 2020 06:58:14

Middle Channel / Full RB



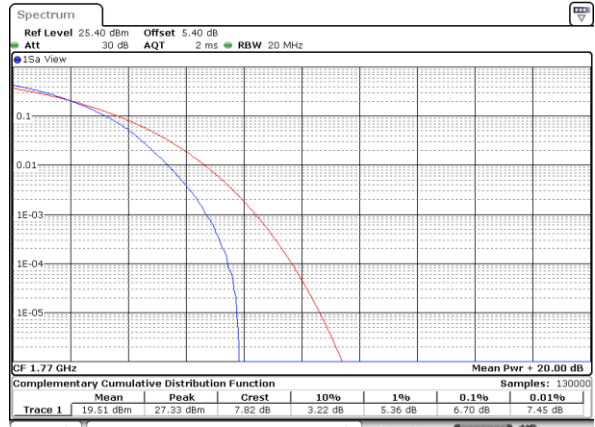
Date: 11 JUL 2020 06:57:51

Highest Channel / 1RB



Date: 11 JUL 2020 07:06:00

Highest Channel / Full RB



Date: 11 JUL 2020 07:05:16



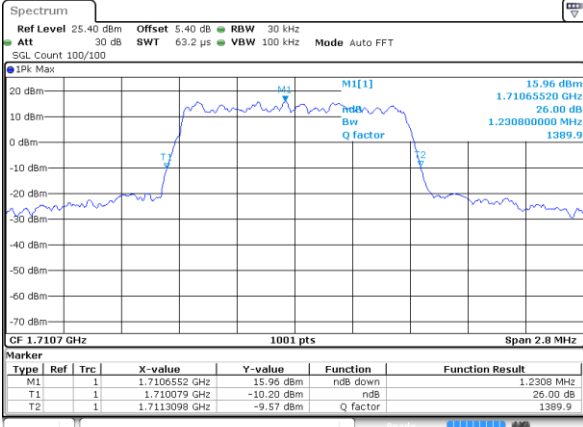
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.01	3.05	4.95	5.01	9.89	9.75	14.30	14.42	20.34	20.18
Middle CH	1.23	1.23	3.02	3.02	4.94	4.86	9.85	9.69	14.39	14.57	20.34	20.10
Highest CH	1.23	1.21	3.07	3.05	4.89	4.86	9.81	9.91	14.48	14.39	20.10	20.14
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.06	-	4.91	-	9.67	-	14.30	-	20.18	-
Middle CH	1.23	-	3.04	-	4.93	-	9.65	-	14.36	-	20.06	-
Highest CH	1.24	-	3.02	-	4.97	-	9.91	-	14.30	-	20.06	-



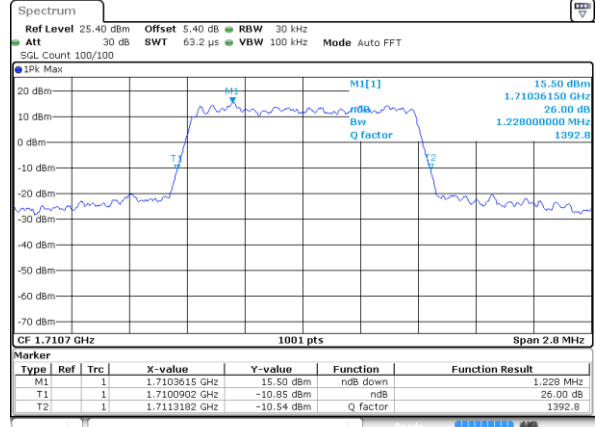
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



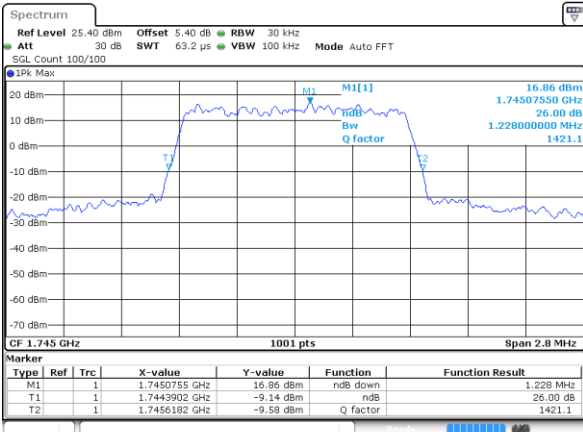
Date: 11 JUL 2020 04:18:17

Lowest Channel / 1.4MHz / 16QAM



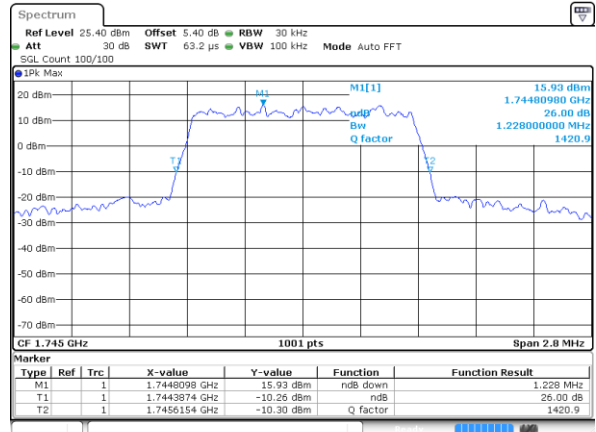
Date: 11 JUL 2020 04:24:54

Middle Channel / 1.4MHz / QPSK



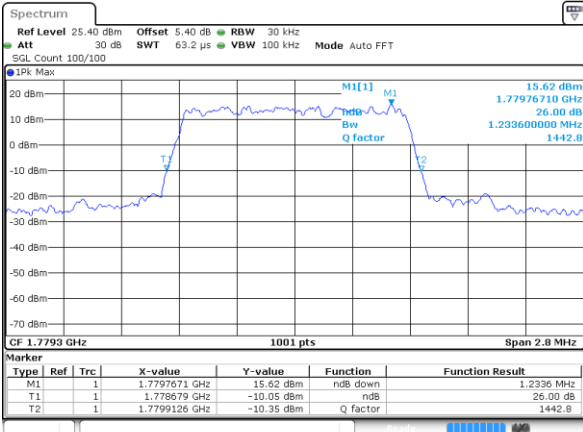
Date: 11 JUL 2020 04:32:32

Middle Channel / 1.4MHz / 16QAM



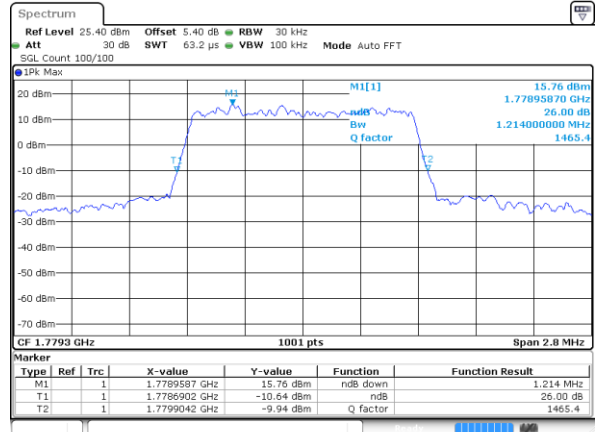
Date: 11 JUL 2020 04:35:25

Highest Channel / 1.4MHz / QPSK



Date: 11 JUL 2020 04:44:07

Highest Channel / 1.4MHz / 16QAM

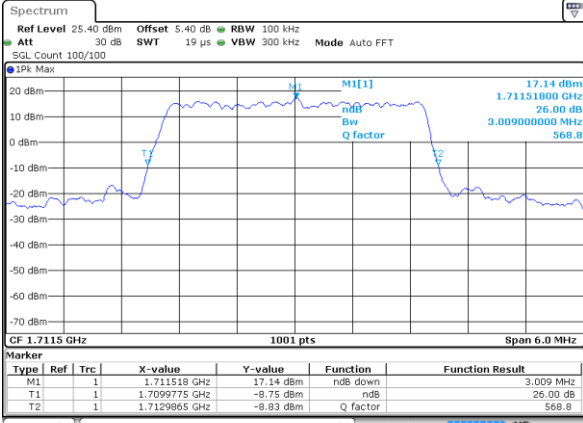


Date: 11 JUL 2020 04:47:42



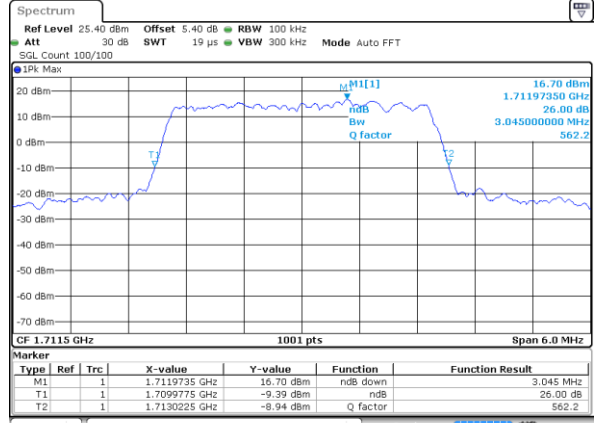
LTE Band 66

Lowest Channel / 3MHz / QPSK



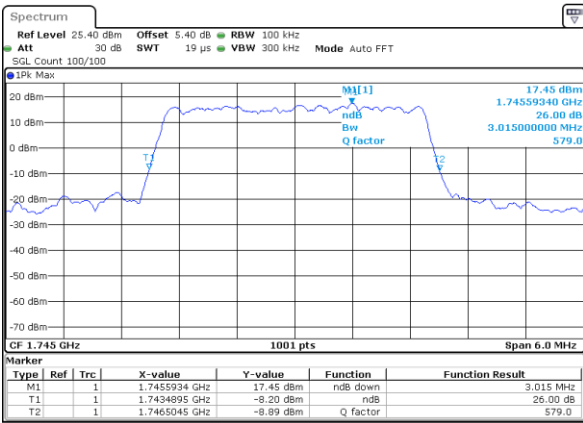
Date: 11 JUL 2020 05:03:58

Lowest Channel / 3MHz / 16QAM



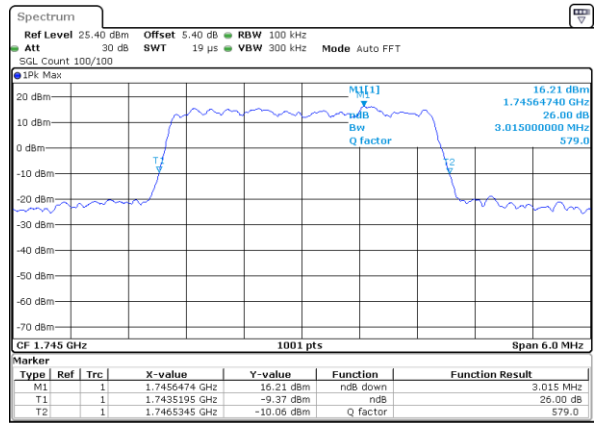
Date: 11 JUL 2020 05:07:06

Middle Channel / 3MHz / QPSK



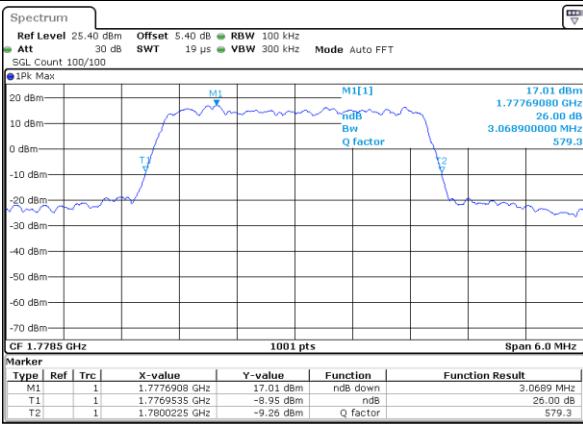
Date: 11 JUL 2020 05:17:59

Middle Channel / 3MHz / 16QAM



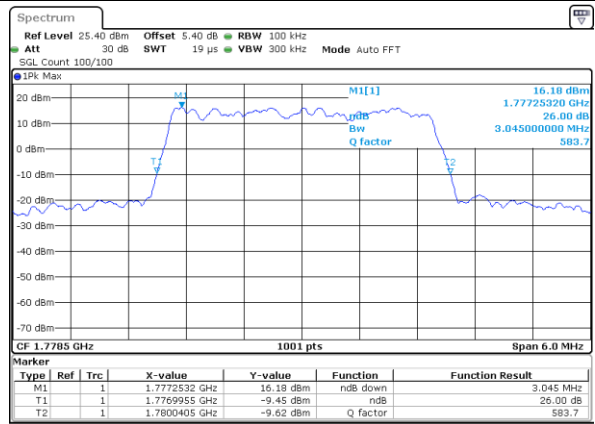
Date: 11 JUL 2020 05:21:59

Highest Channel / 3MHz / QPSK



Date: 11 JUL 2020 05:25:43

Highest Channel / 3MHz / 16QAM

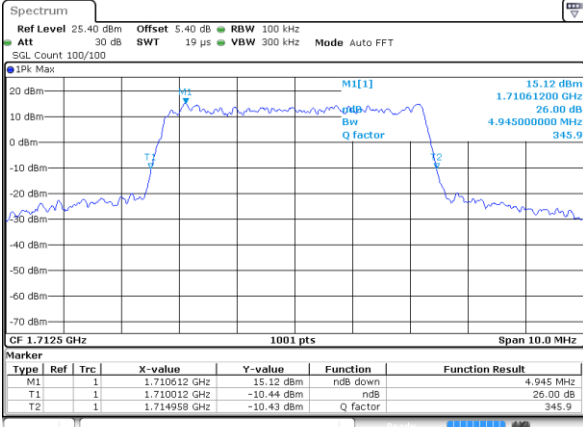


Date: 11 JUL 2020 05:32:41



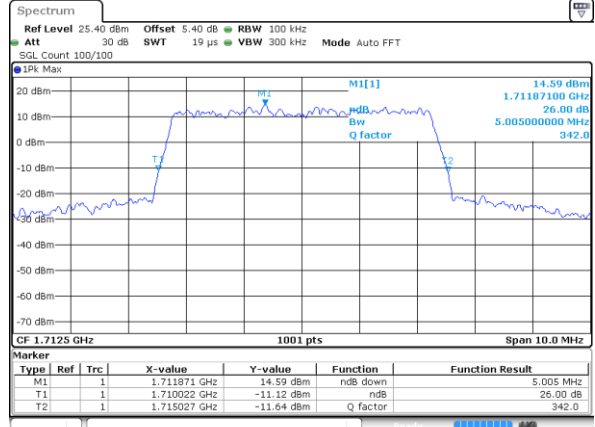
LTE Band 66

Lowest Channel / 5MHz / QPSK



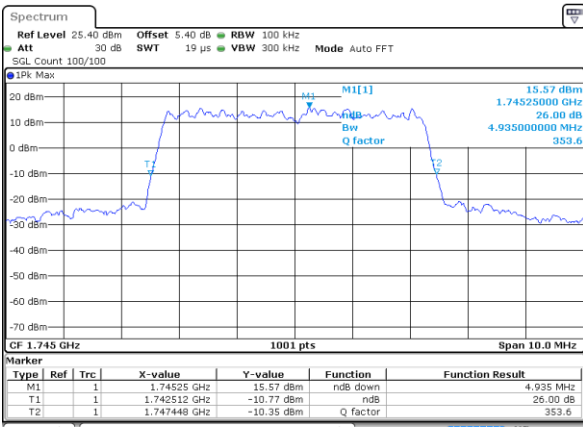
Date: 11 JUL 2020 05:43:22

Lowest Channel / 5MHz / 16QAM



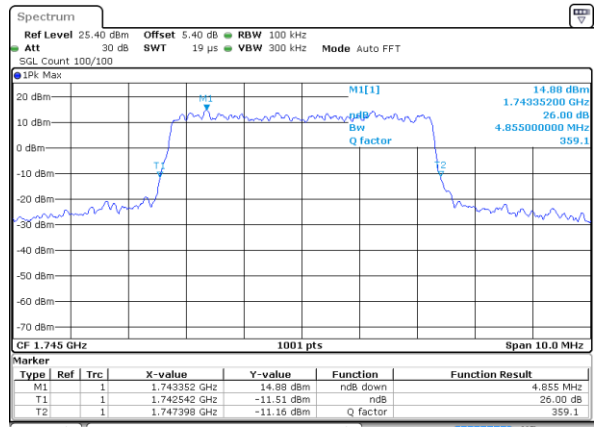
Date: 11 JUL 2020 05:48:05

Middle Channel / 5MHz / QPSK



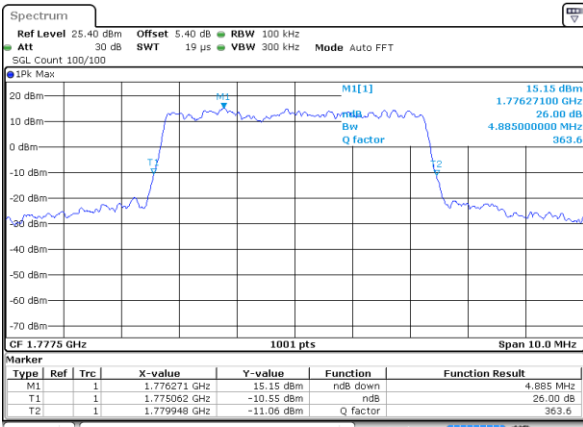
Date: 11 JUL 2020 05:56:18

Middle Channel / 5MHz / 16QAM



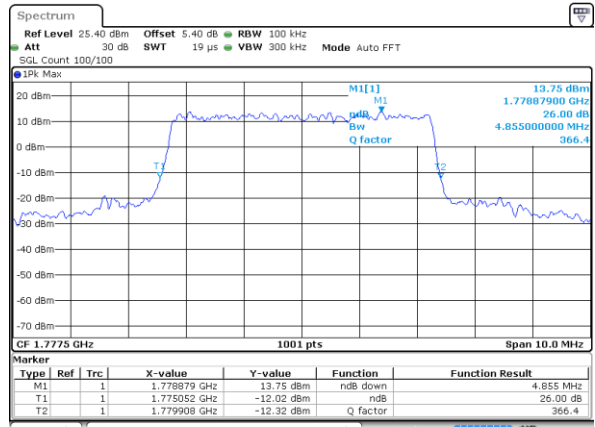
Date: 11 JUL 2020 05:57:51

Highest Channel / 5MHz / QPSK



Date: 11 JUL 2020 06:01:13

Highest Channel / 5MHz / 16QAM



Date: 11 JUL 2020 06:05:52