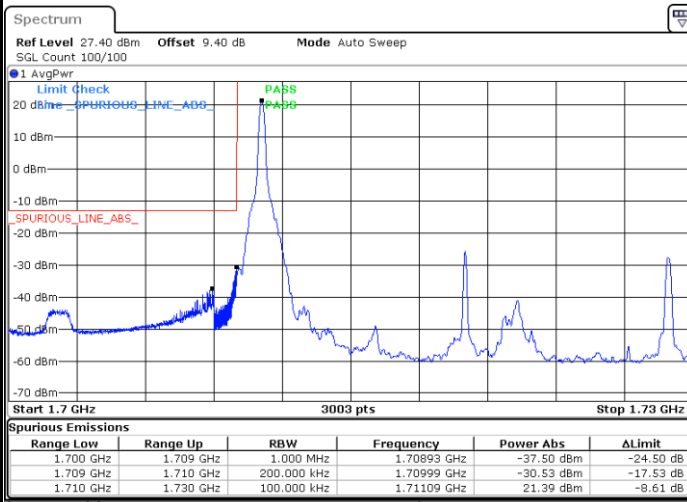




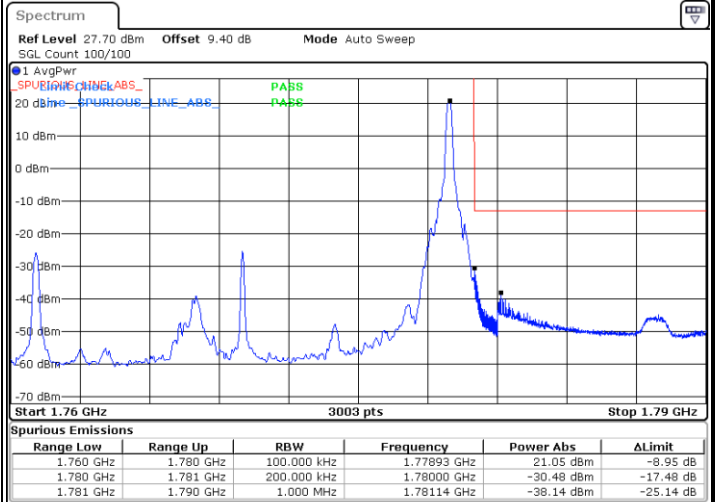
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



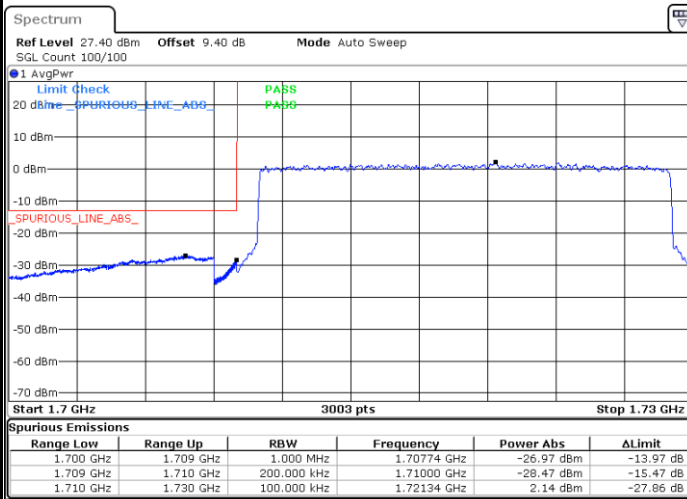
Date: 3.FEB.2020 08:24:00

Highest Band Edge / 1 RB



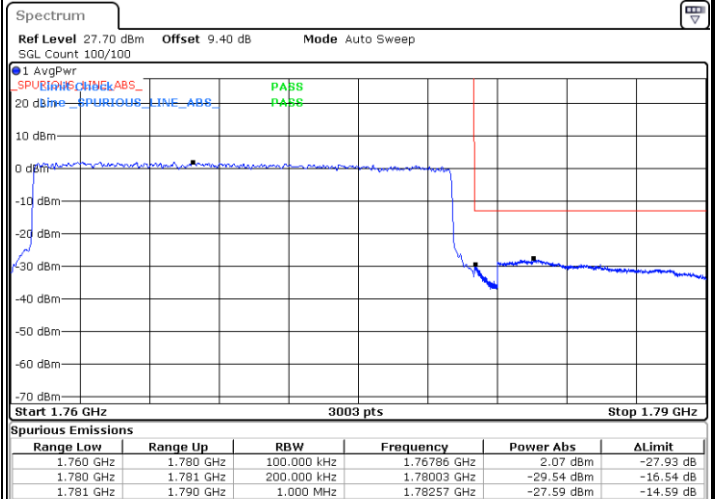
Date: 3.FEB.2020 09:12:15

Lowest Band Edge / Full RB



Date: 3.FEB.2020 08:20:06

Highest Band Edge / Full RB

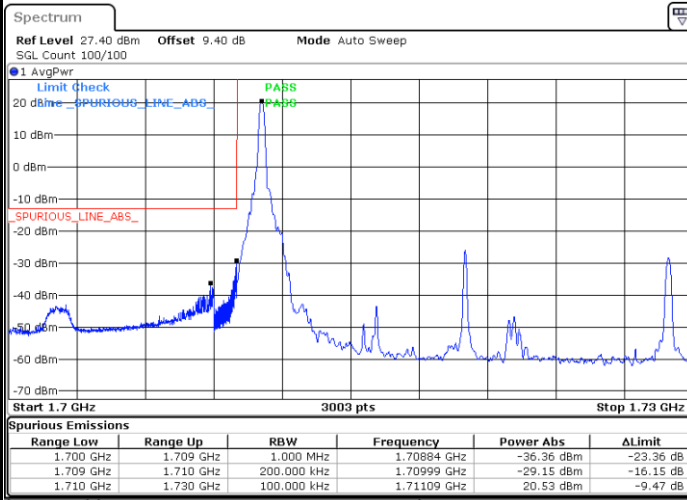


Date: 3.FEB.2020 09:04:23



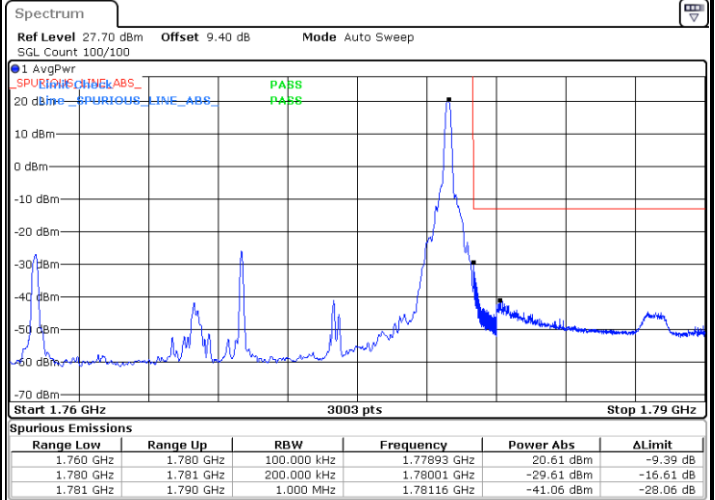
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



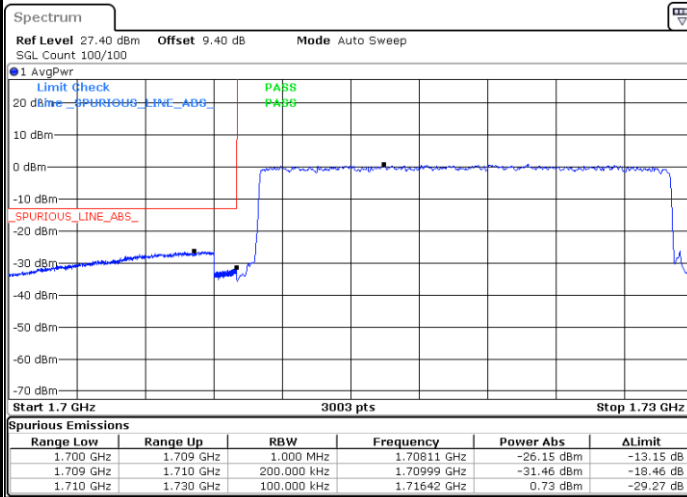
Date: 3.FEB.2020 08:22:57

Highest Band Edge / 1 RB



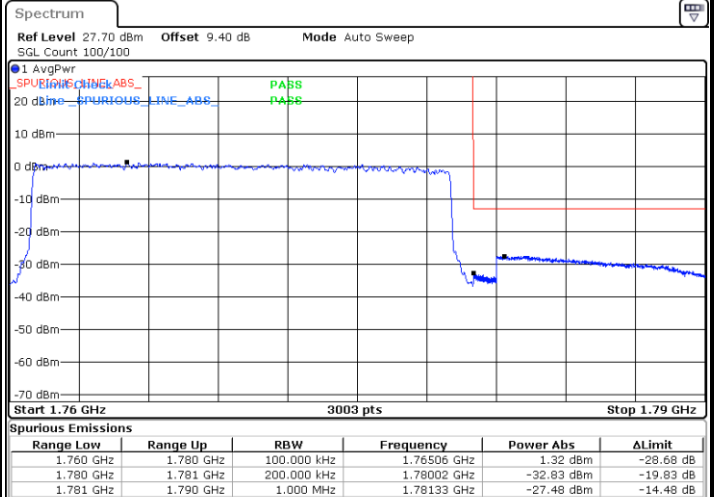
Date: 3.FEB.2020 09:12:30

Lowest Band Edge / Full RB



Date: 3.FEB.2020 08:20:46

Highest Band Edge / Full RB

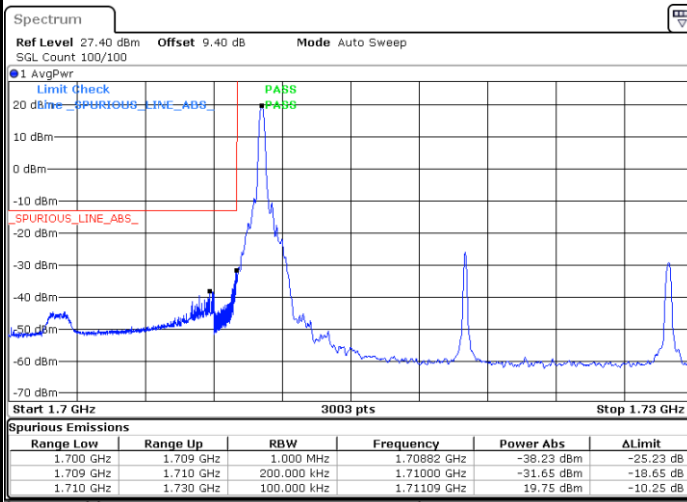


Date: 3.FEB.2020 09:05:04



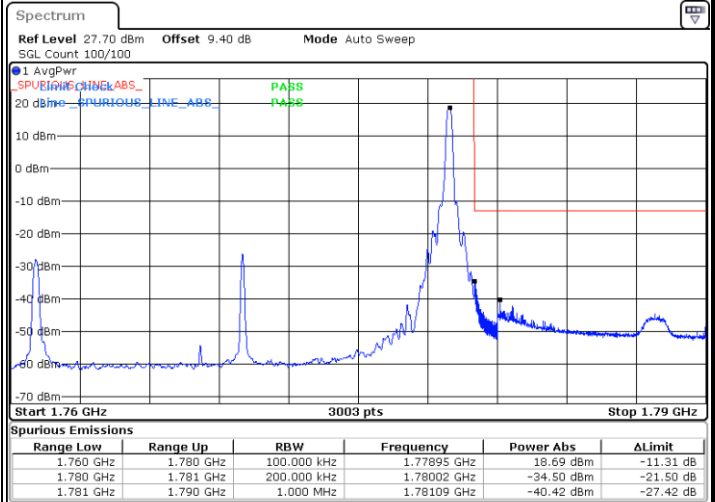
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



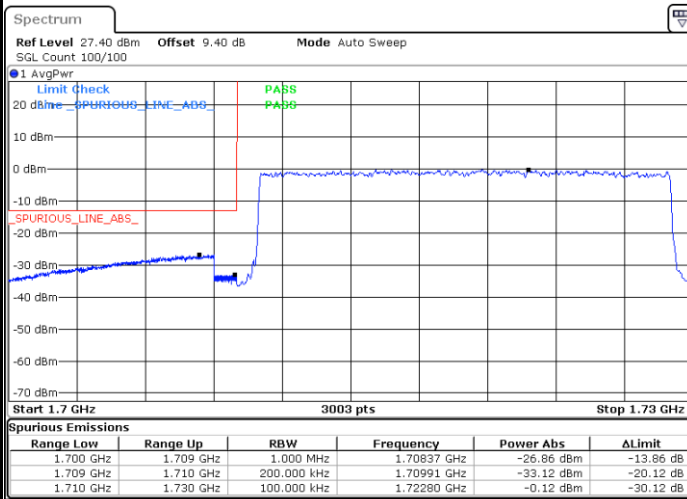
Date: 3.FEB.2020 08:21:53

Highest Band Edge / 1 RB



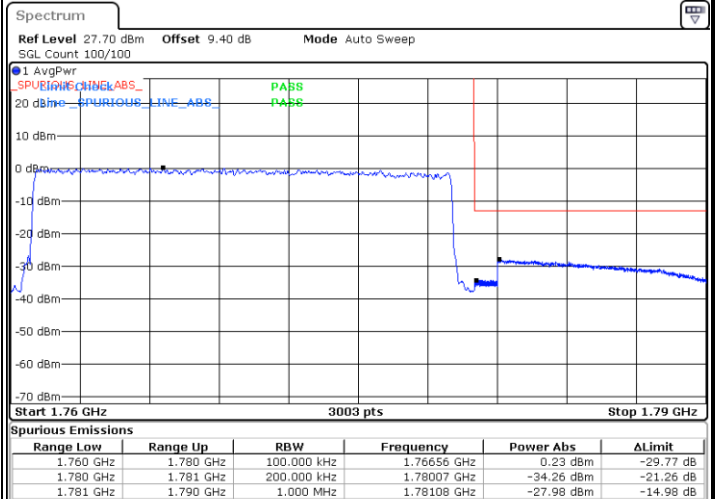
Date: 3.FEB.2020 09:13:05

Lowest Band Edge / Full RB



Date: 3.FEB.2020 08:21:24

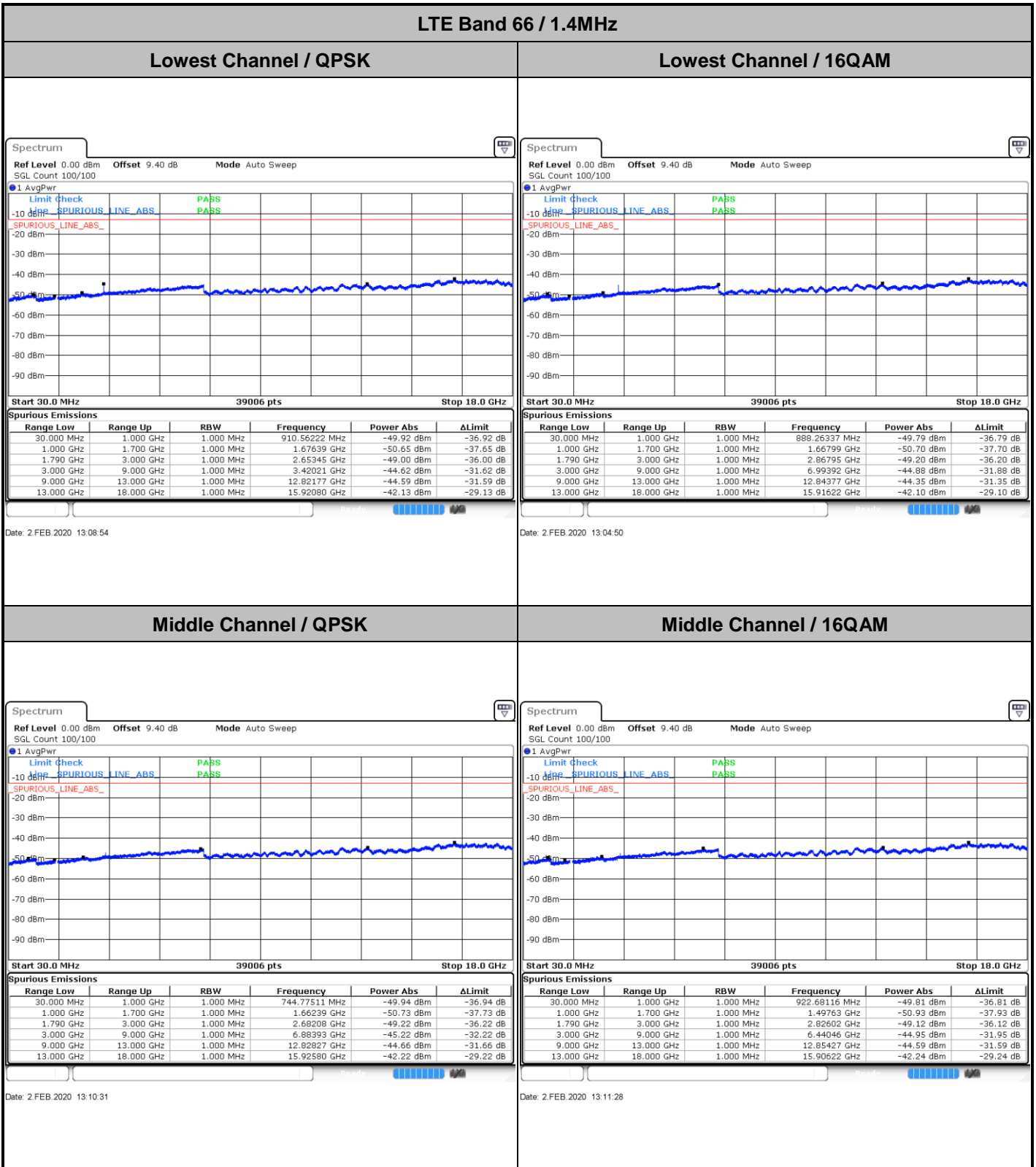
Highest Band Edge / Full RB



Date: 3.FEB.2020 09:05:40



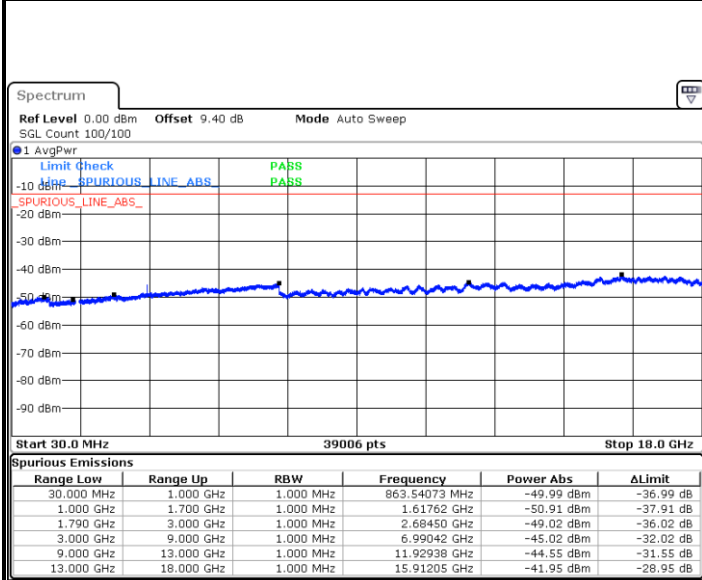
# Conducted Spurious Emission





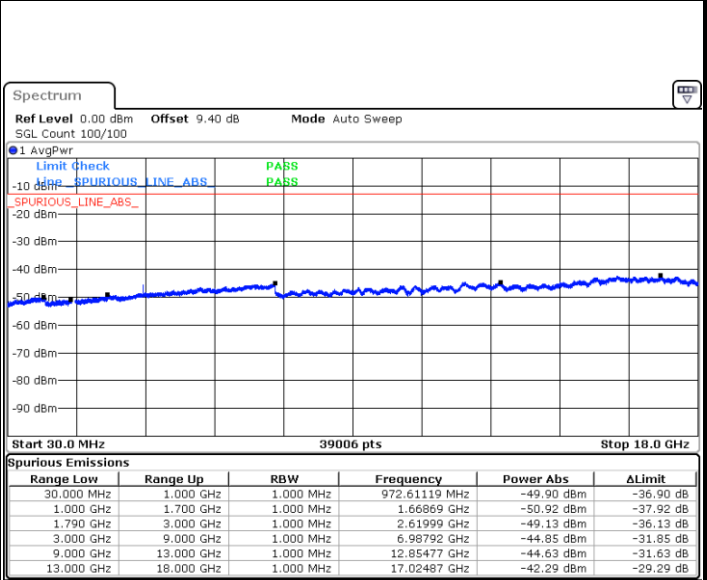
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 2 FEB 2020 13:25:45

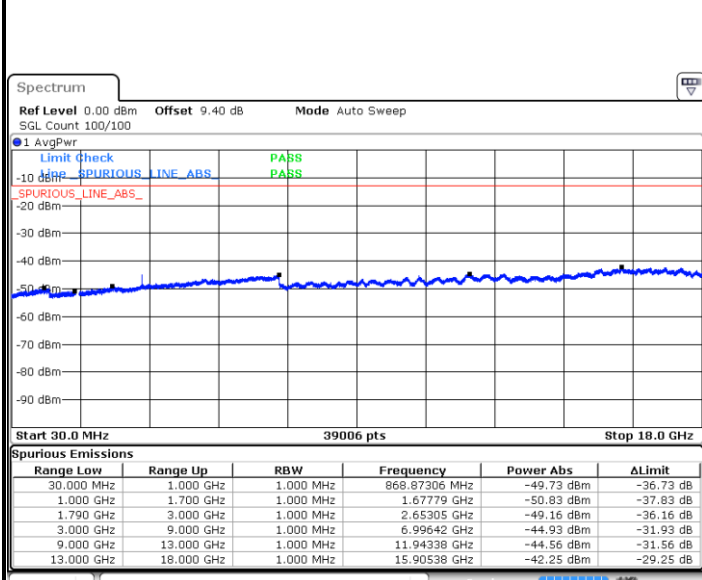
Highest Channel / 16QAM



Date: 2 FEB 2020 13:25:05

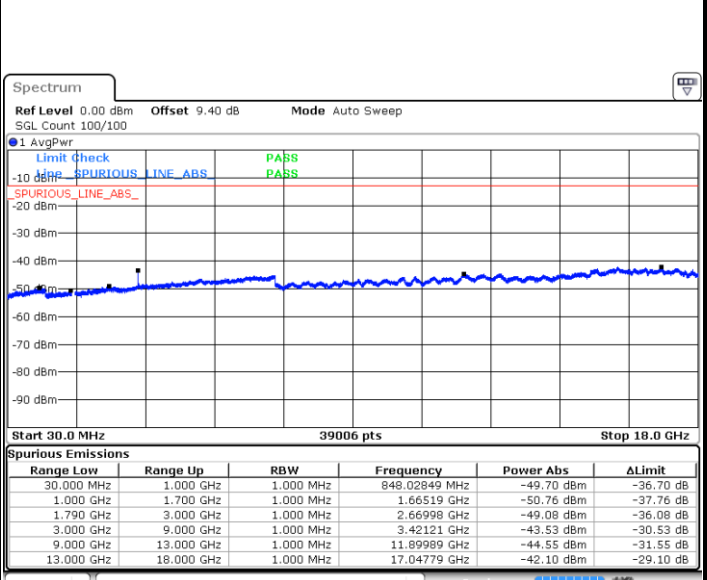
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 2 FEB 2020 14:21:23

Lowest Channel / 16QAM



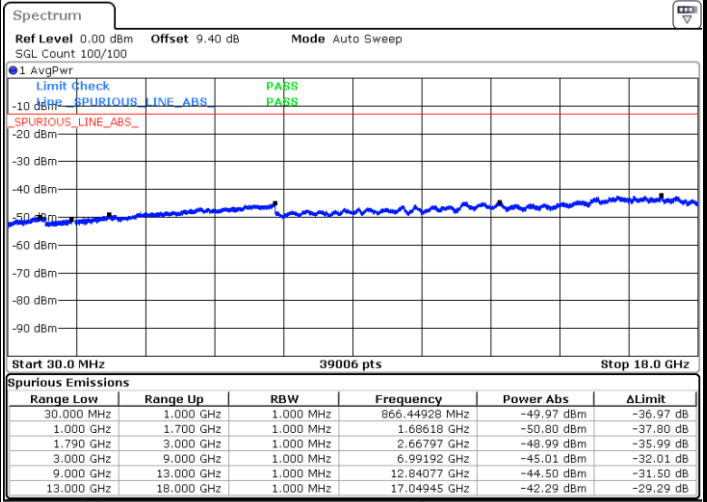
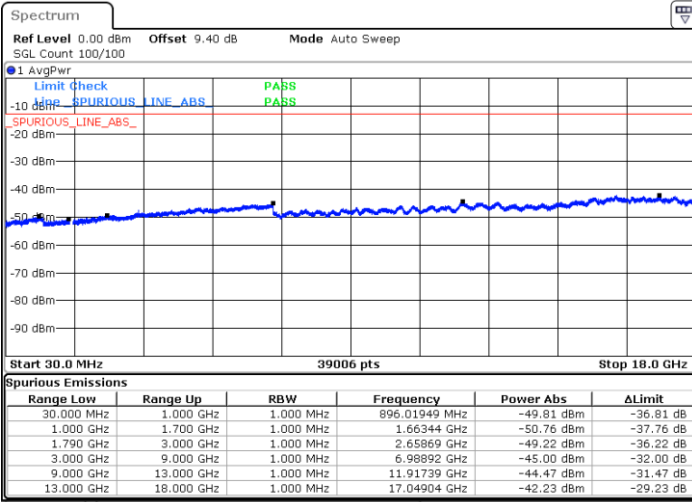
Date: 2 FEB 2020 14:19:47



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

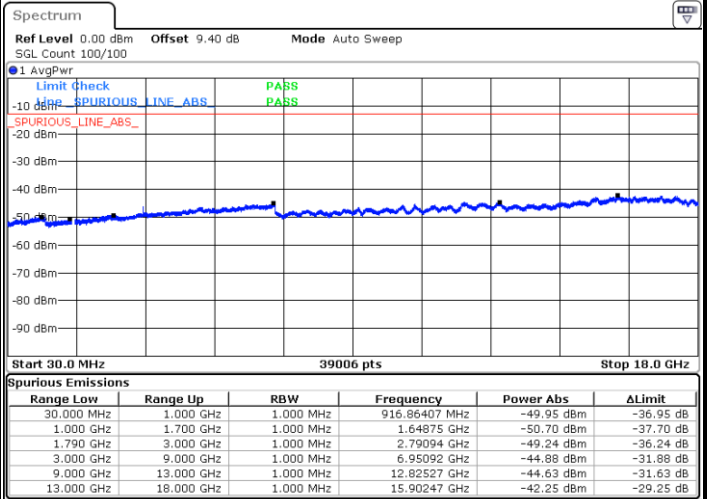
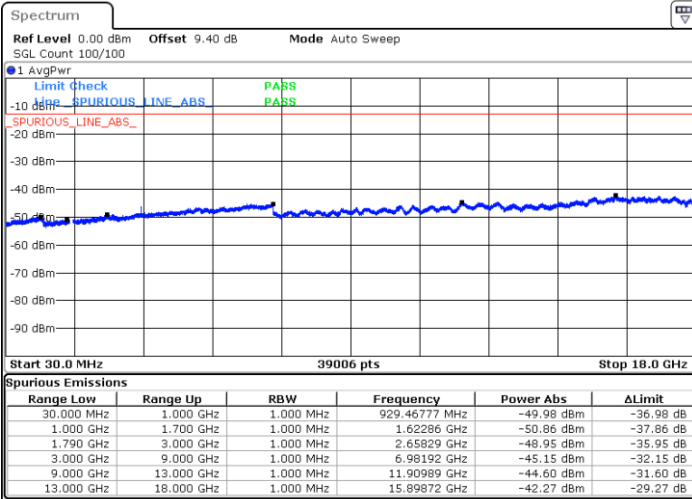


Date: 2 FEB 2020 14:24:22

Date: 2 FEB 2020 14:25:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2 FEB 2020 15:08:38

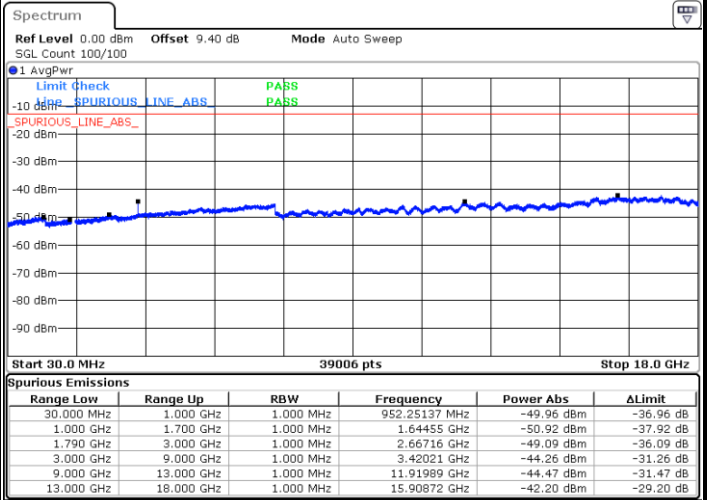
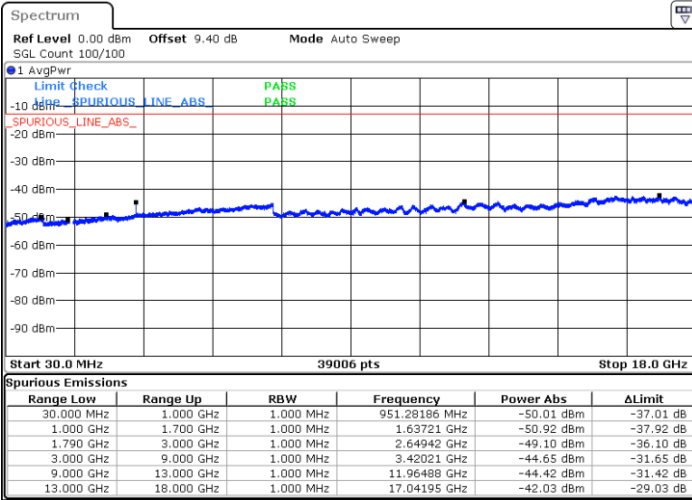
Date: 2 FEB 2020 15:07:30



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

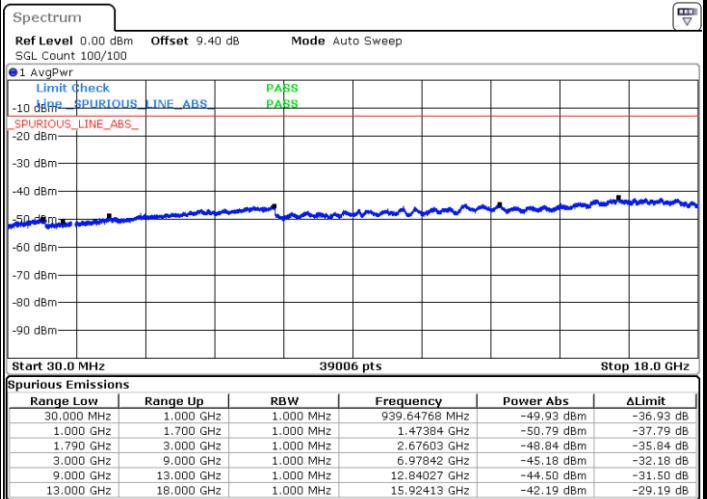
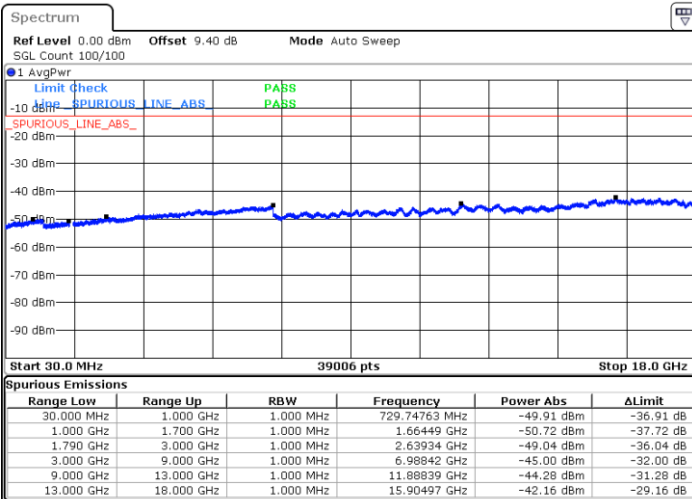


Date: 2 FEB 2020 15:17:57

Date: 2 FEB 2020 15:19:00

Middle Channel / QPSK

Middle Channel / 16QAM



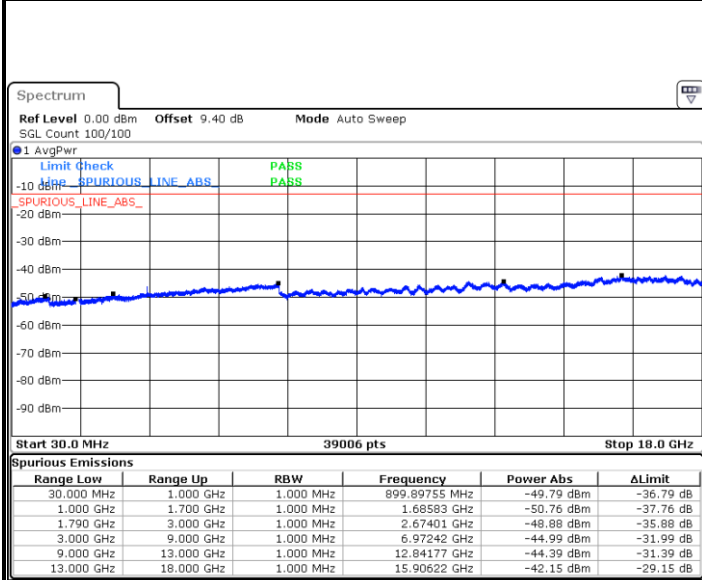
Date: 2 FEB 2020 15:22:46

Date: 2 FEB 2020 15:22:00



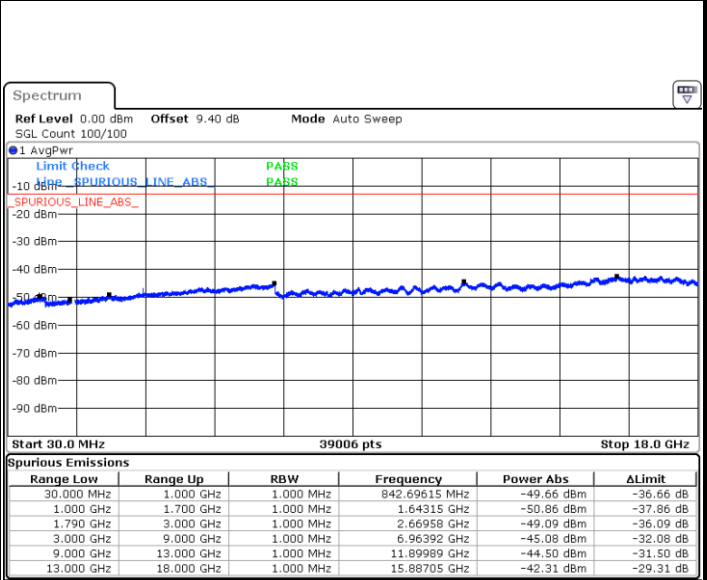
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 2 FEB 2020 15:26:59

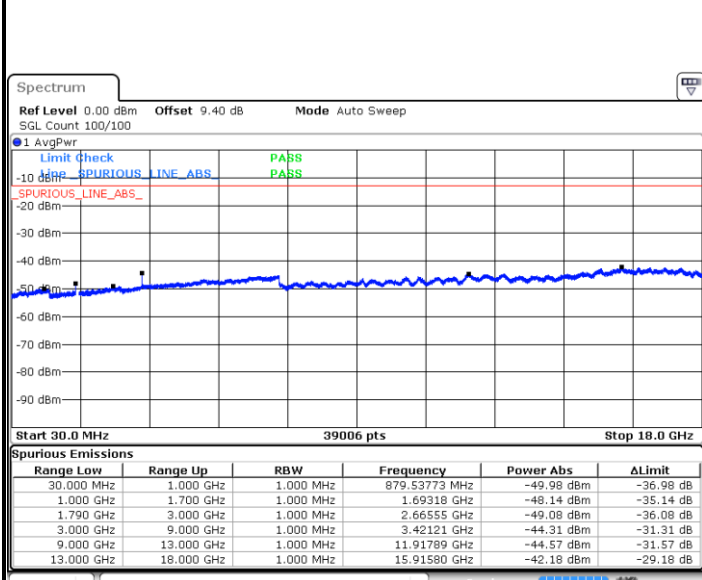
Highest Channel / 16QAM



Date: 2 FEB 2020 15:27:59

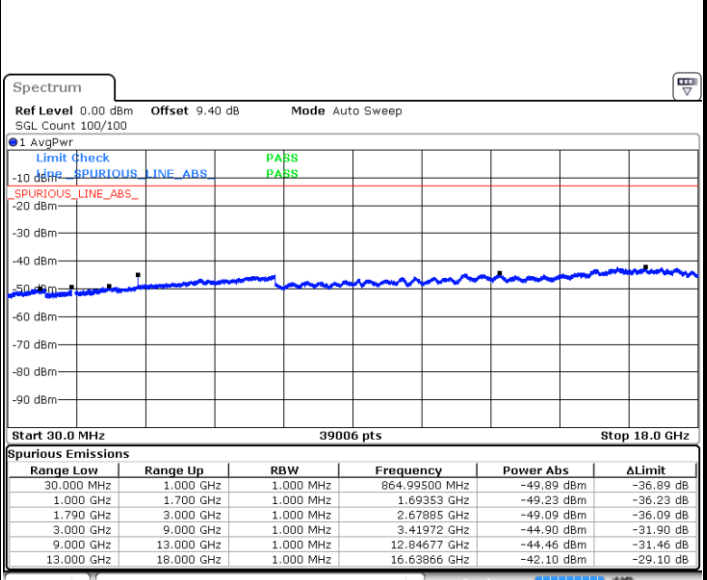
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 2 FEB 2020 15:59:45

Lowest Channel / 16QAM



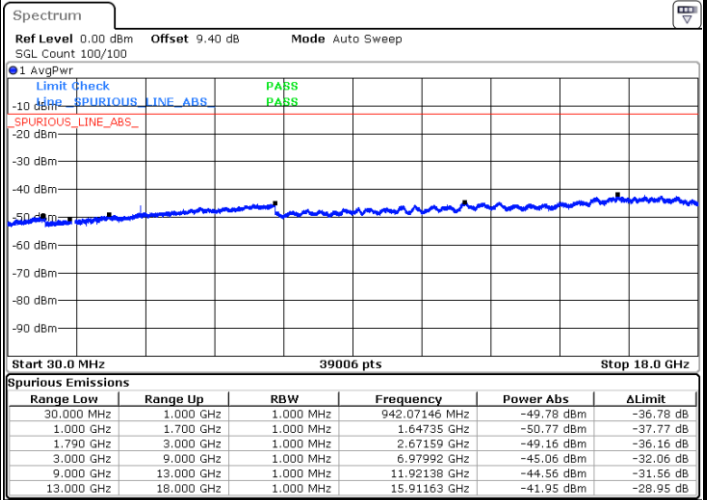
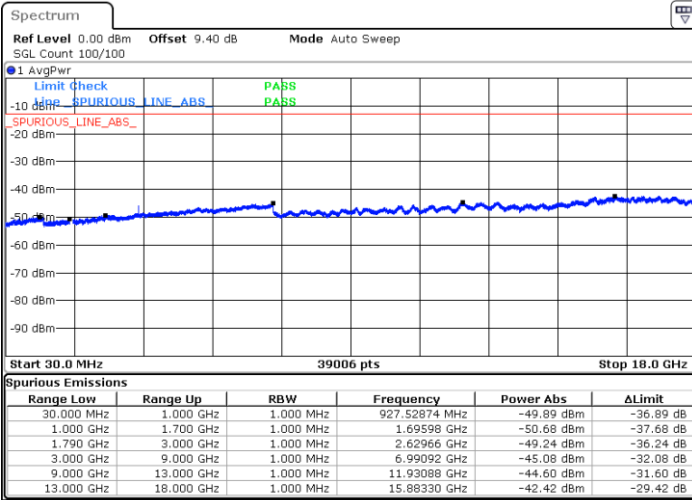
Date: 2 FEB 2020 15:58:49



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

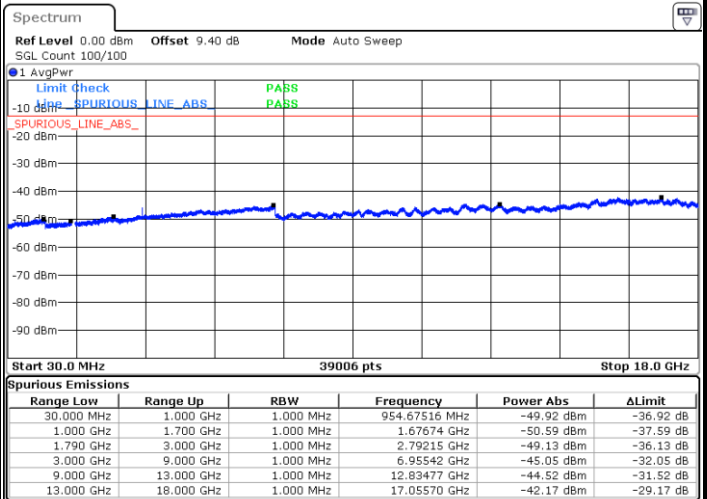
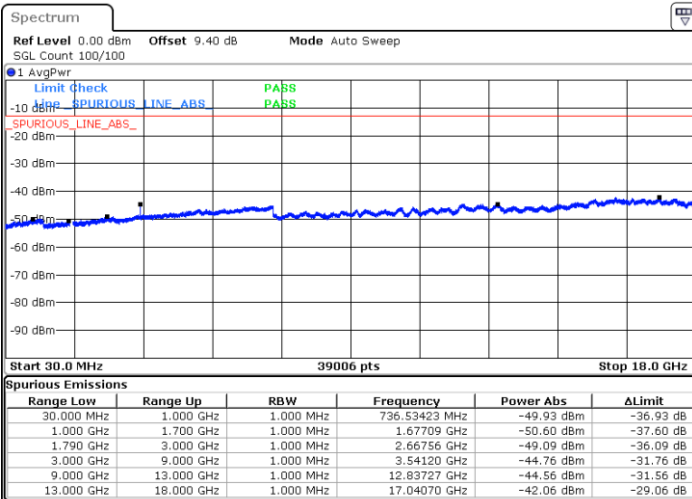


Date: 2 FEB 2020 16:01:40

Date: 2 FEB 2020 16:08:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2 FEB 2020 16:16:54

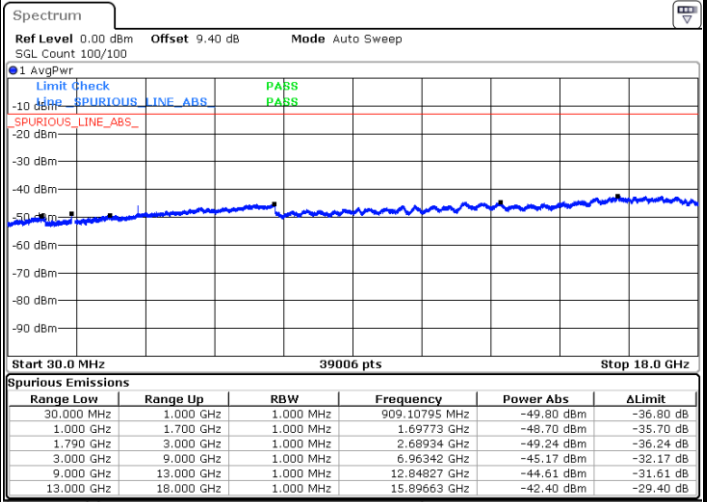
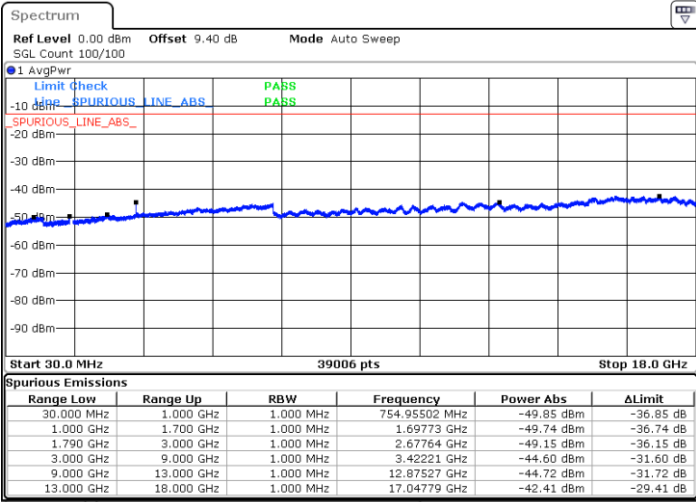
Date: 2 FEB 2020 16:15:52



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

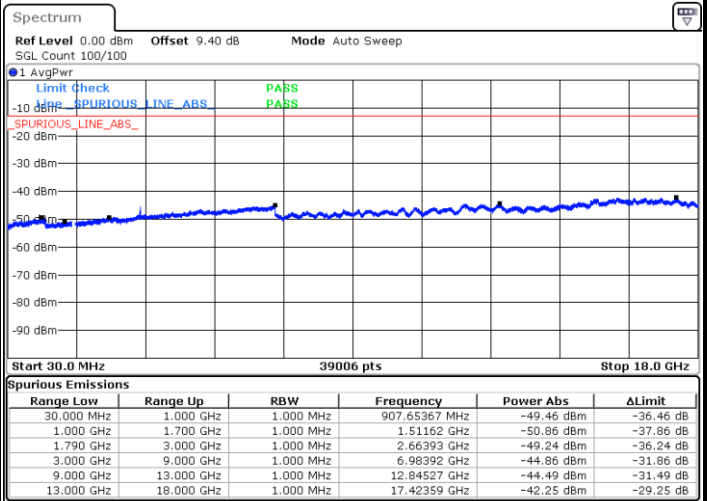
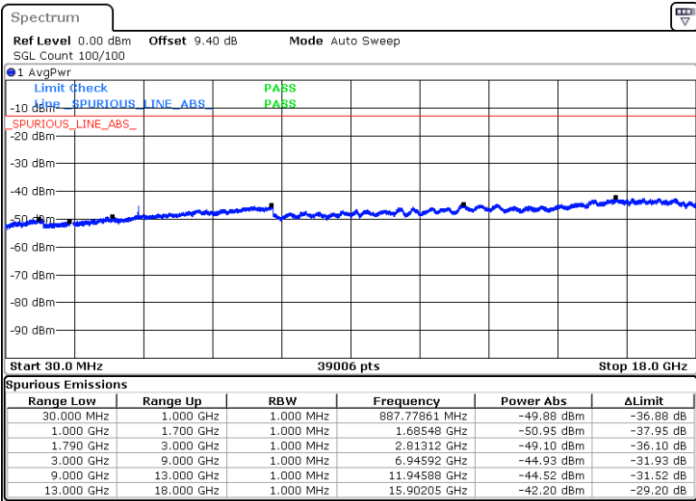


Date: 2 FEB 2020 16:55:33

Date: 2 FEB 2020 16:57:11

Middle Channel / QPSK

Middle Channel / 16QAM



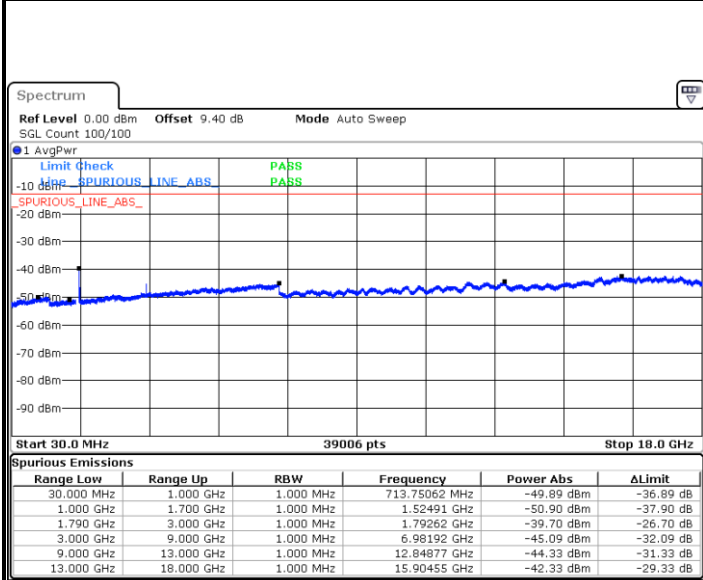
Date: 3 FEB 2020 08:11:30

Date: 3 FEB 2020 08:05:09



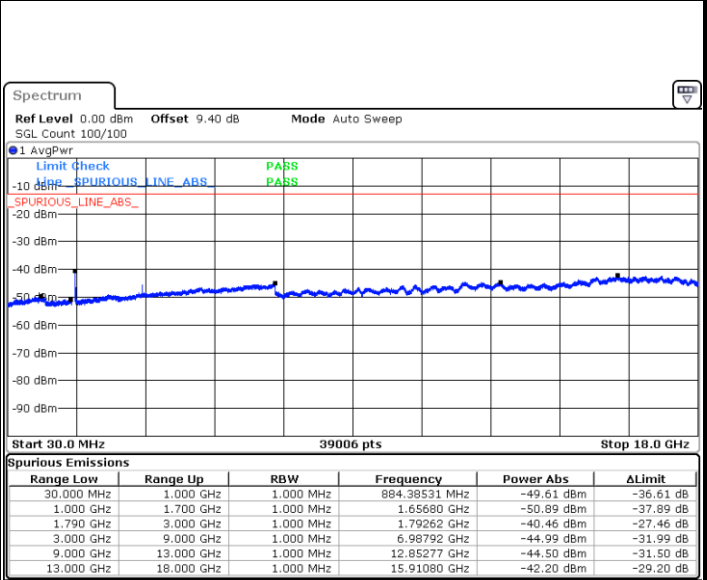
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 3.FEB.2020 08:15:42

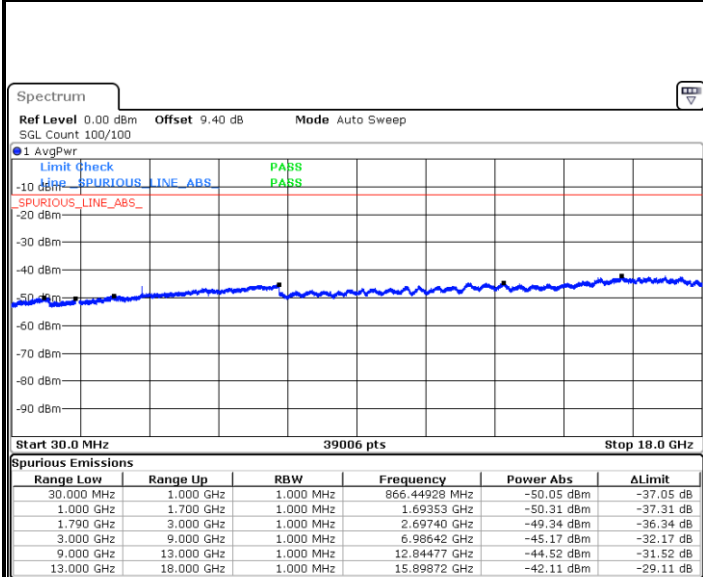
Highest Channel / 16QAM



Date: 3.FEB.2020 08:17:13

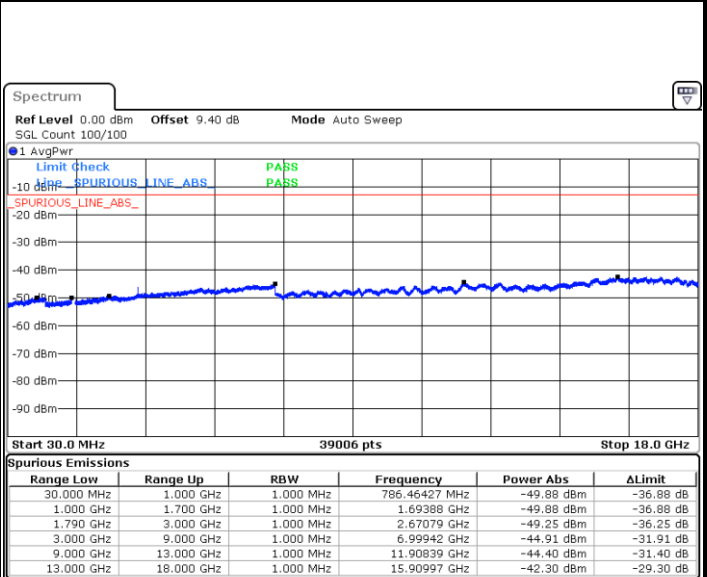
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 3.FEB.2020 08:24:34

Lowest Channel / 16QAM



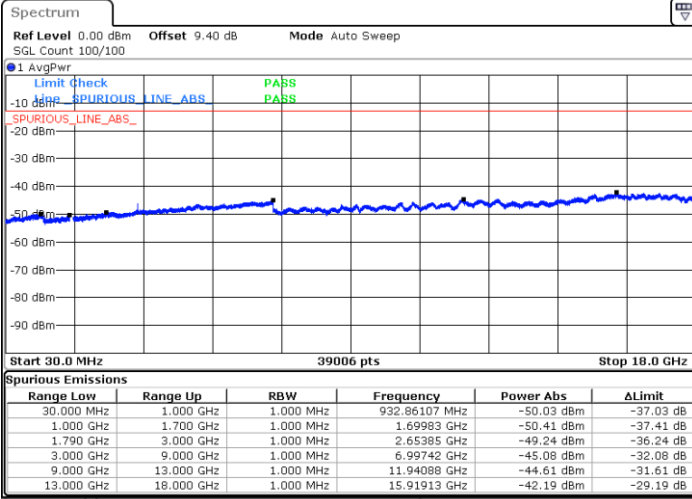
Date: 3.FEB.2020 08:23:33



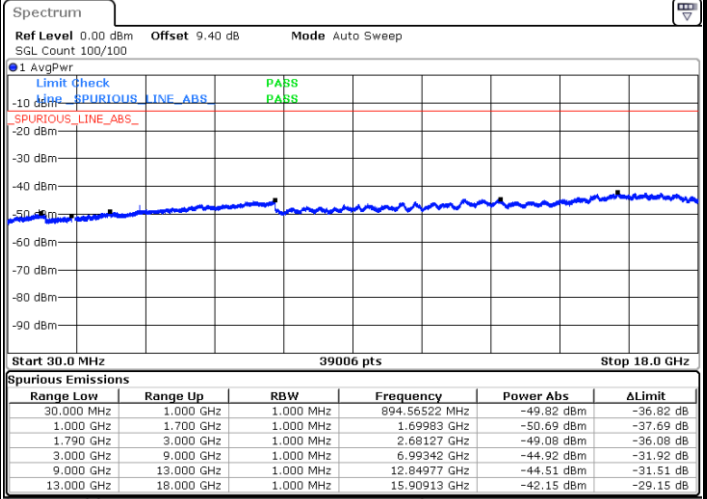
LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



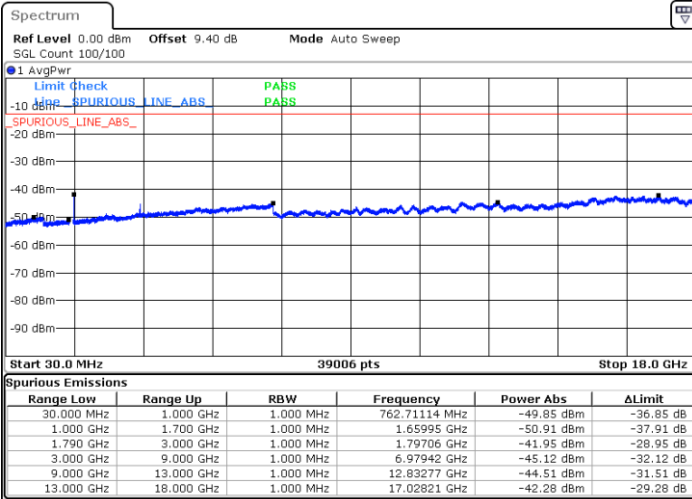
Date: 3 FEB 2020 08:25:51



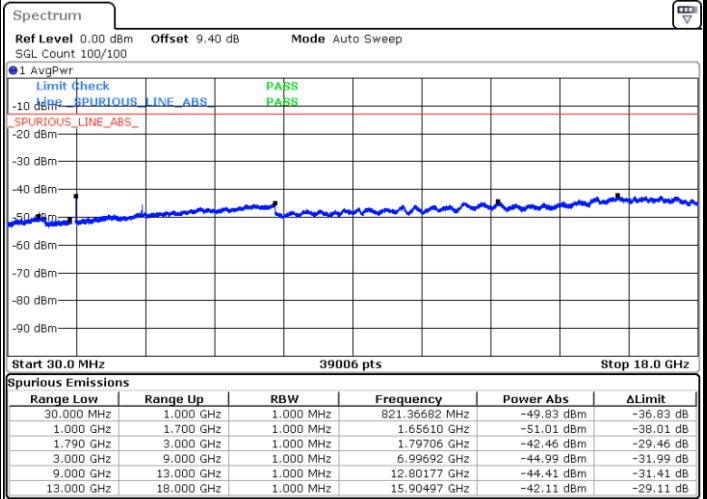
Date: 3 FEB 2020 08:26:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3 FEB 2020 09:11:53

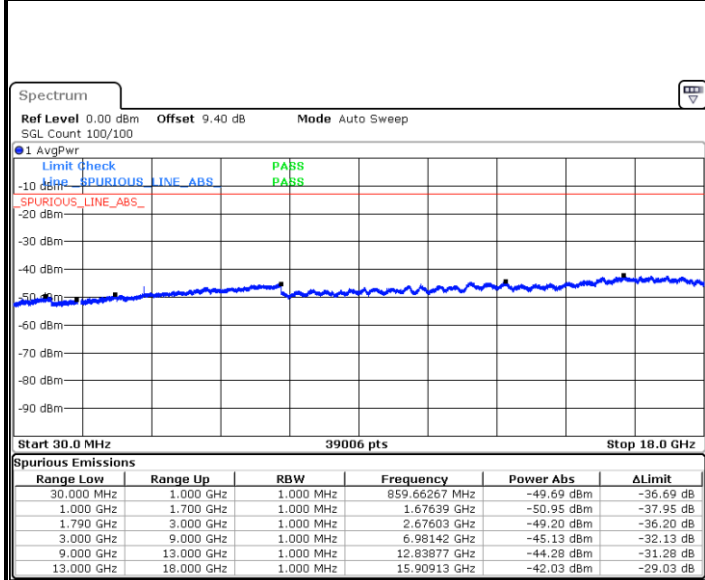


Date: 3 FEB 2020 09:10:38



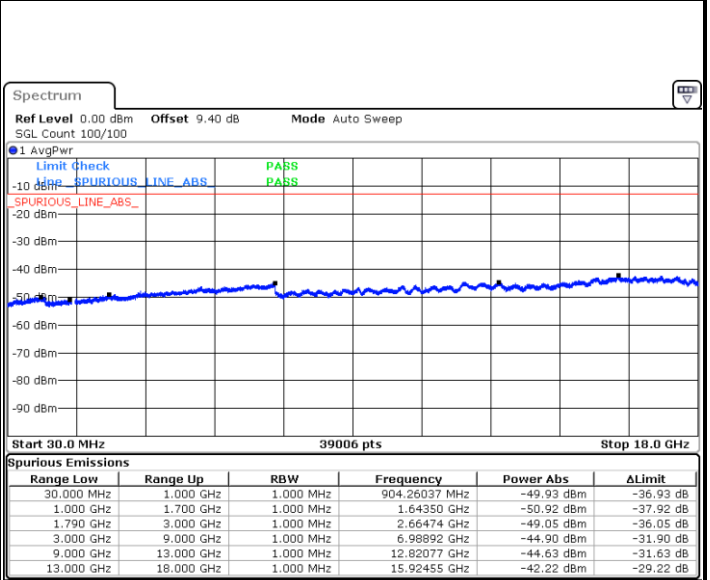
**LTE Band 66 / 1.4MHz**

**Lowest Channel / 64QAM**



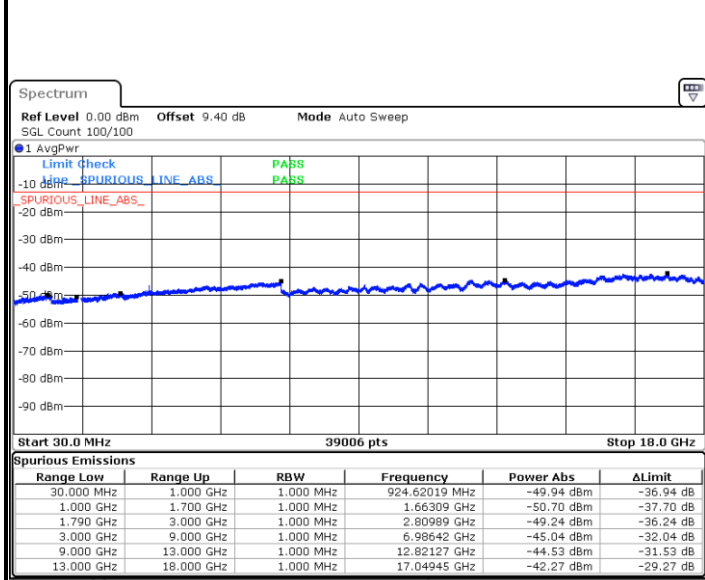
Date: 31.JAN.2020 14:16:58

**Middle Channel / 64QAM**



Date: 2.FEB.2020 13:12:10

**Highest Channel / 64QAM**

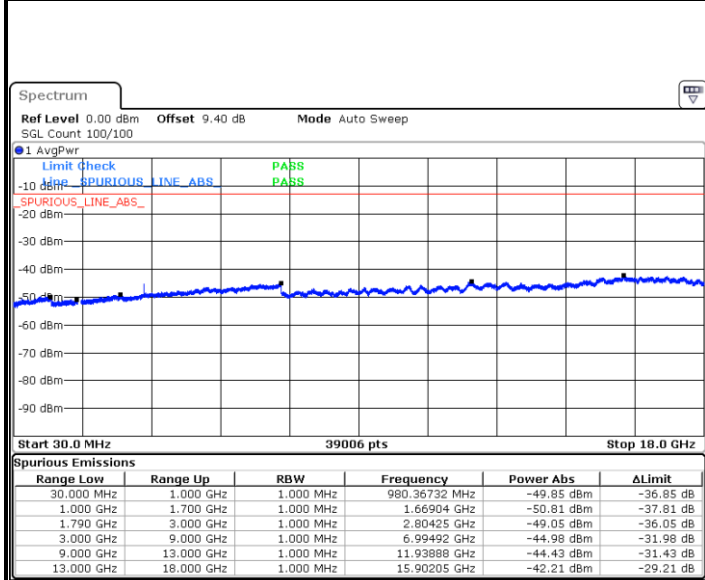


Date: 2.FEB.2020 13:24:23



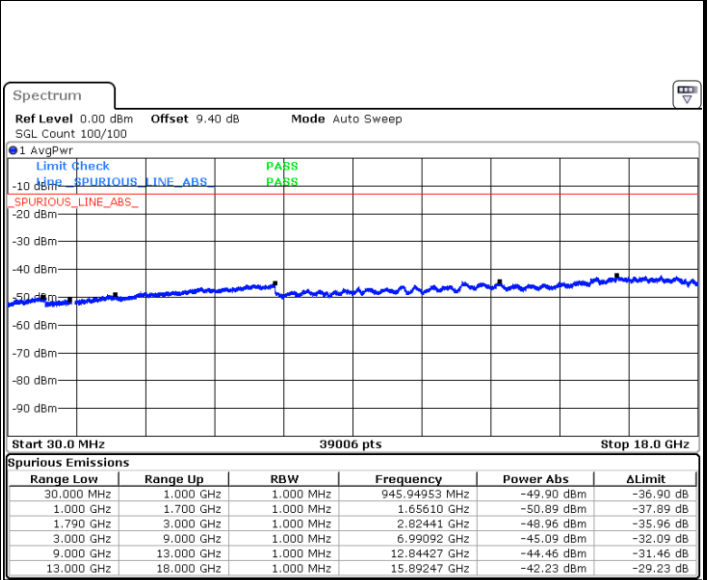
**LTE Band 66 / 3MHz**

**Lowest Channel / 64QAM**



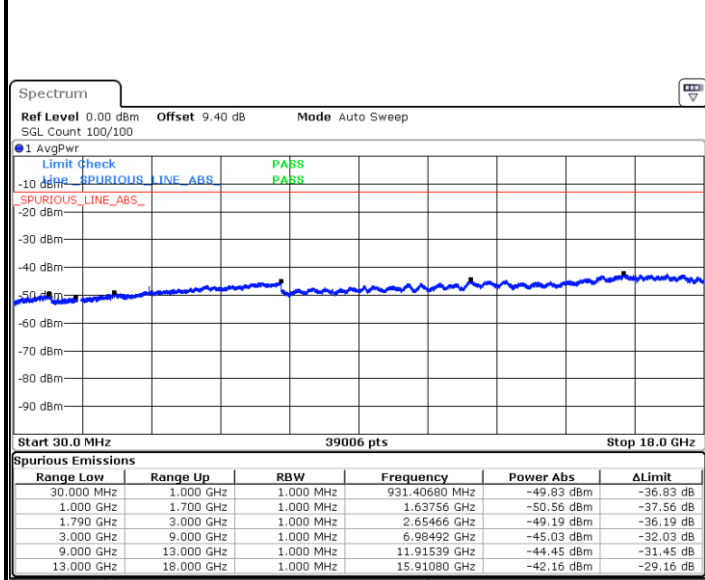
Date: 2 FEB 2020 14:17:51

**Middle Channel / 64QAM**



Date: 2 FEB 2020 14:25:52

**Highest Channel / 64QAM**



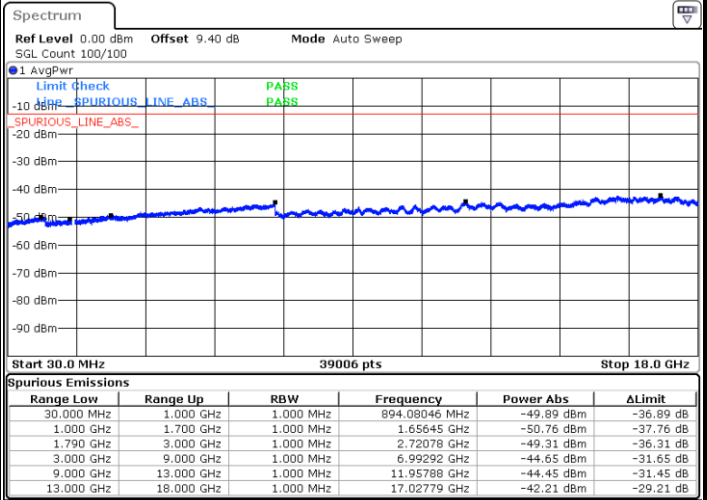
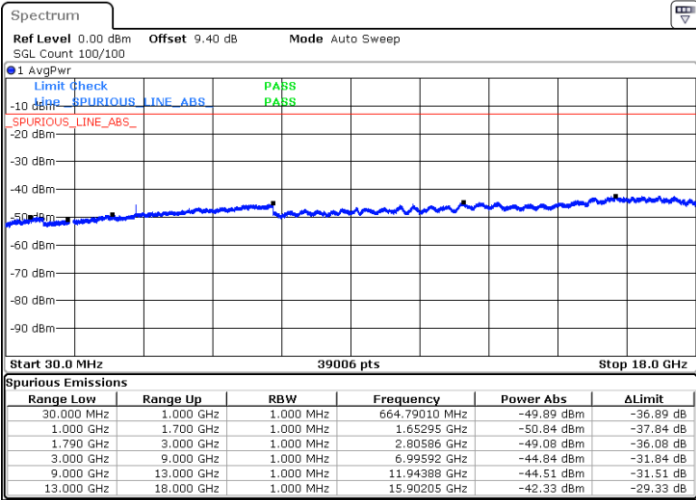
Date: 2 FEB 2020 14:31:36



LTE Band 66 / 5MHz

Lowest Channel / 64QAM

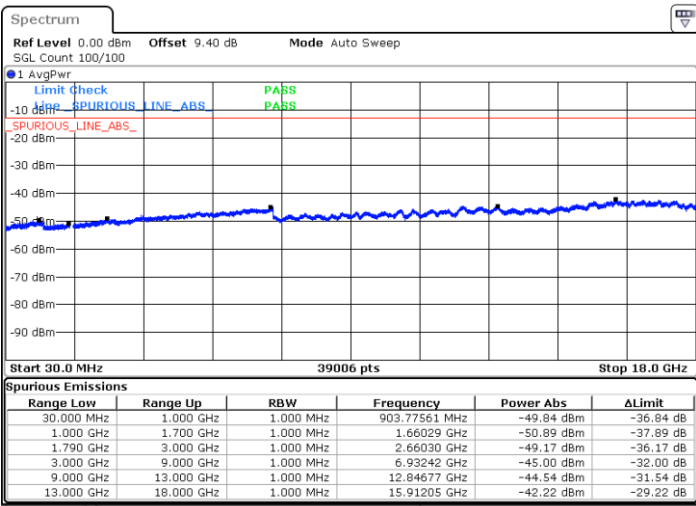
Middle Channel / 64QAM



Date: 2 FEB 2020 15:20:10

Date: 2 FEB 2020 15:21:14

Highest Channel / 64QAM

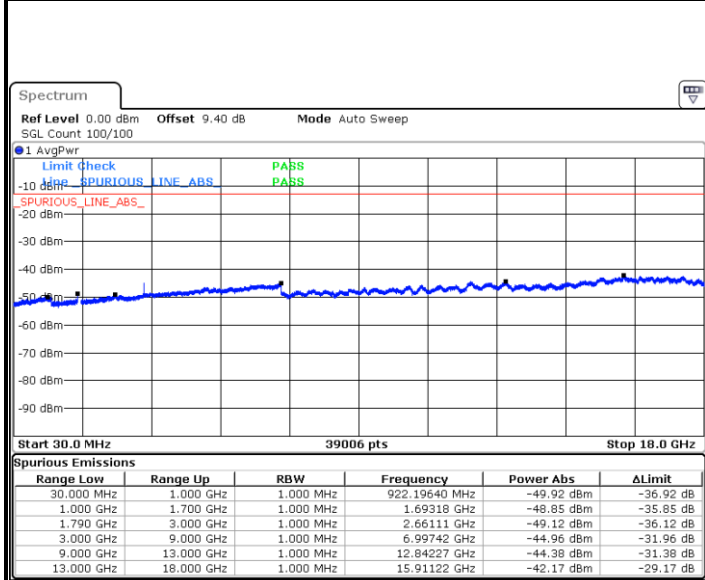


Date: 2 FEB 2020 15:28:58



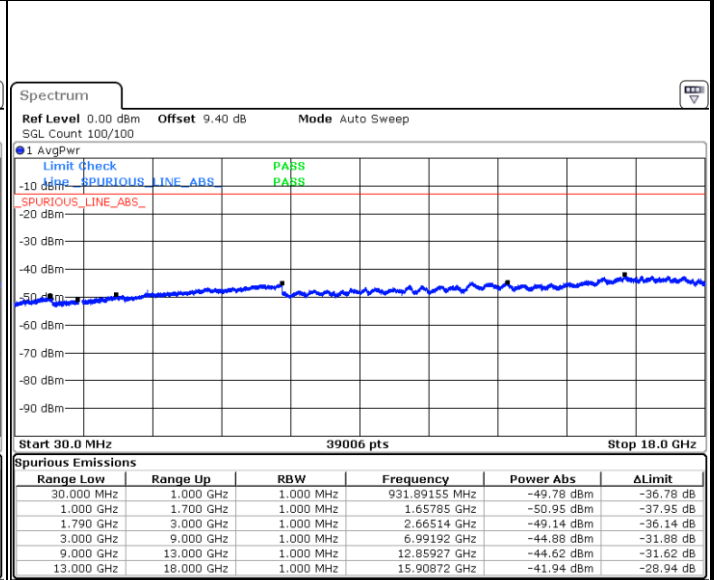
**LTE Band 66 / 10MHz**

**Lowest Channel / 64QAM**



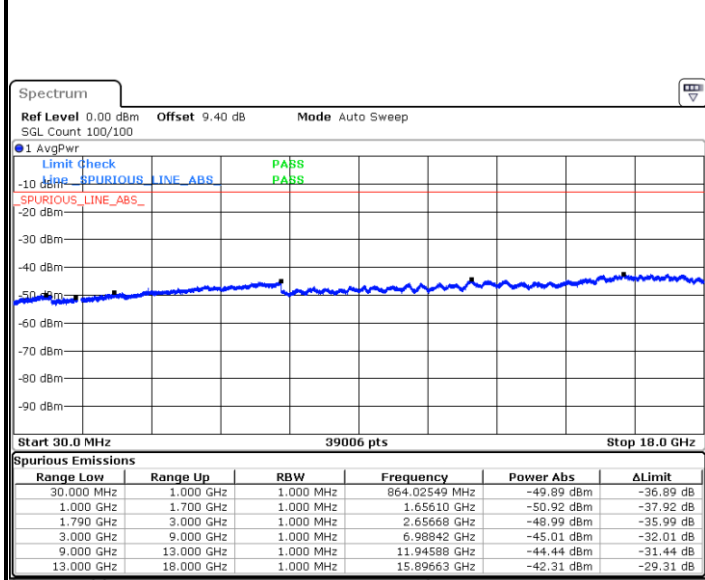
Date: 2 FEB 2020 15:57:51

**Middle Channel / 64QAM**



Date: 2 FEB 2020 16:09:06

**Highest Channel / 64QAM**

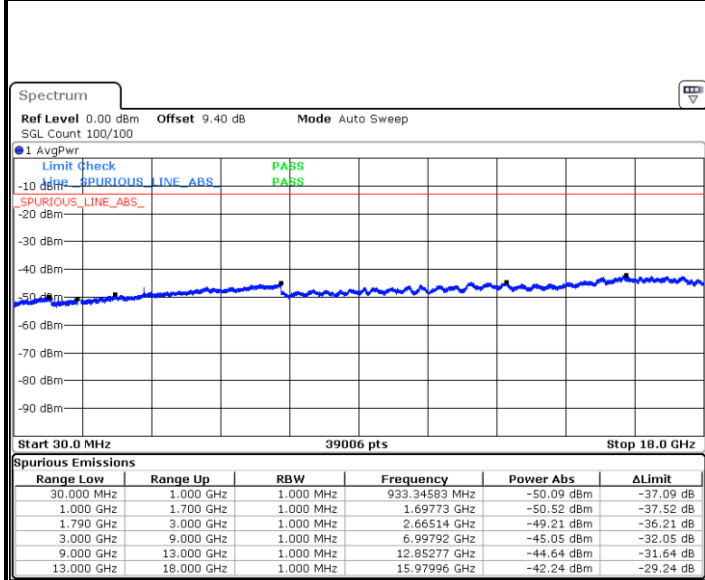


Date: 2 FEB 2020 16:14:57



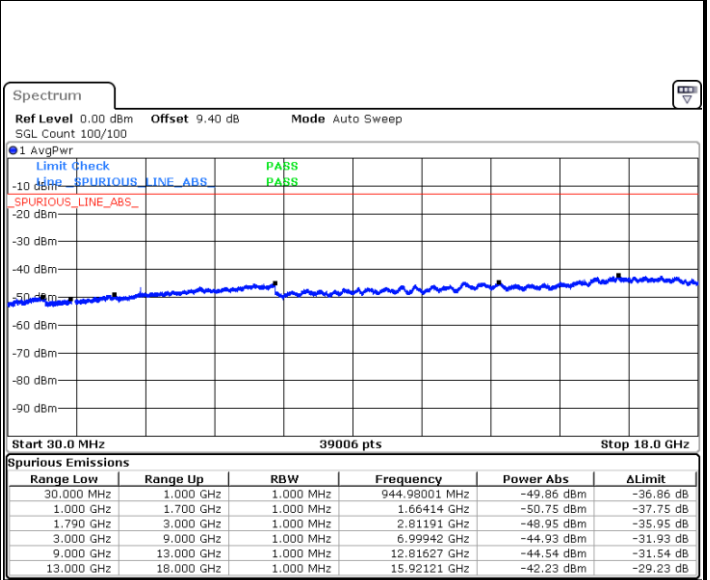
**LTE Band 66 / 15MHz**

**Lowest Channel / 64QAM**



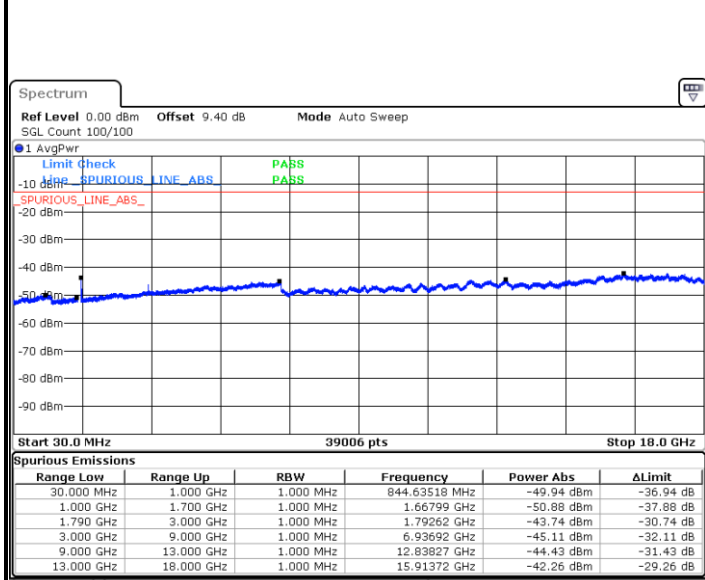
Date: 2 FEB 2020 17:55:32

**Middle Channel / 64QAM**



Date: 3 FEB 2020 07:53:33

**Highest Channel / 64QAM**

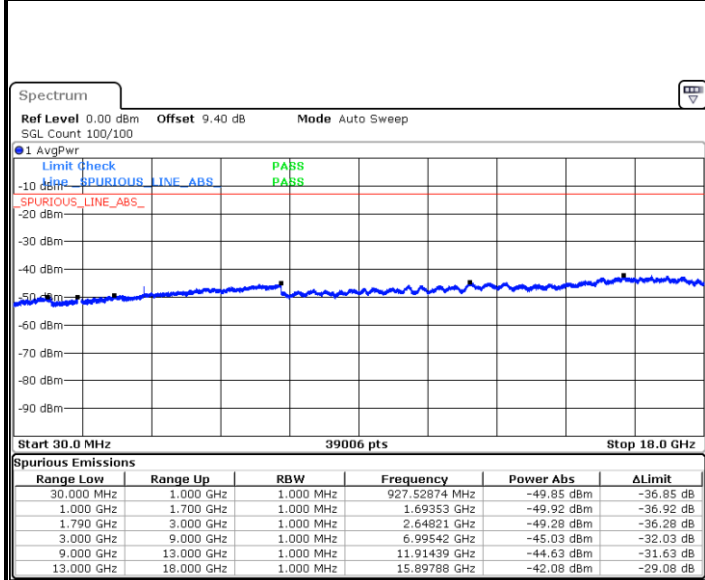


Date: 3 FEB 2020 08:17:57



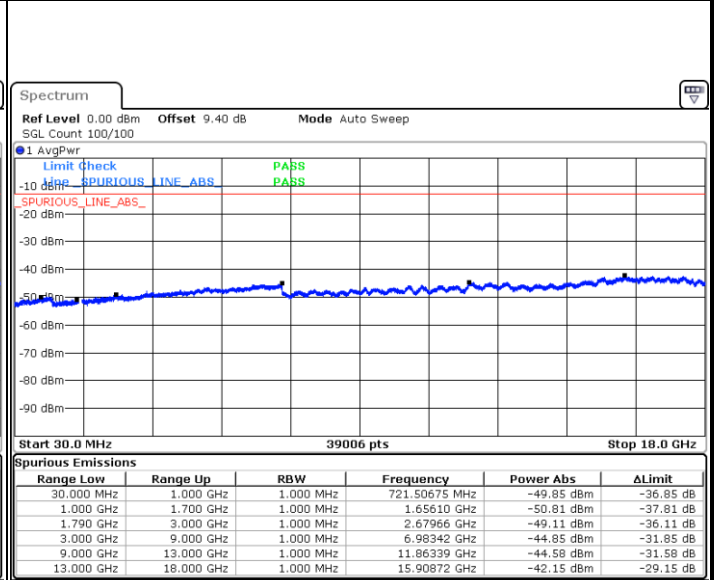
**LTE Band 66 / 20MHz**

**Lowest Channel / 64QAM**



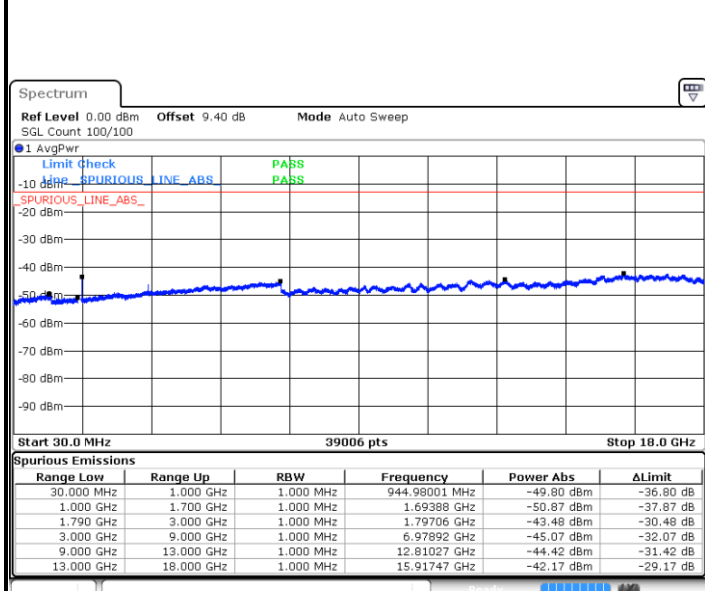
Date: 3 FEB 2020 08:22:30

**Middle Channel / 64QAM**



Date: 3 FEB 2020 08:29:12

**Highest Channel / 64QAM**



Date: 3 FEB 2020 09:07:15



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 71

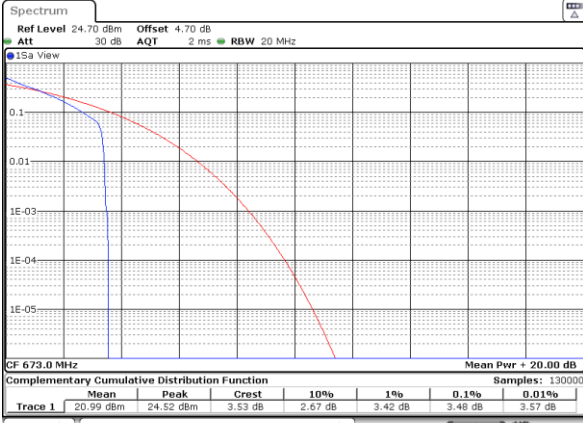
## Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.46	4.75	5.74	<b>PASS</b>
Middle CH	3.48	4.43	4.81	5.83	
Highest CH	3.42	4.46	5.13	5.86	
Mode	LTE Band 71 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.94	6.32	-	-	<b>PASS</b>
Middle CH	6.32	6.35	-	-	
Highest CH	6.23	6.41	-	-	



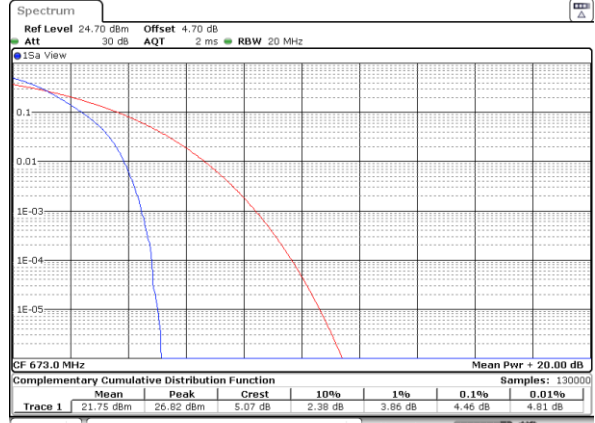
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



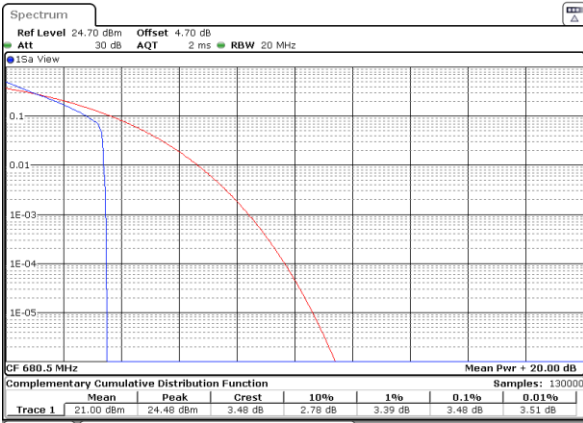
Date: 6 FEB 2020 03:47:22

Lowest Channel / Full RB



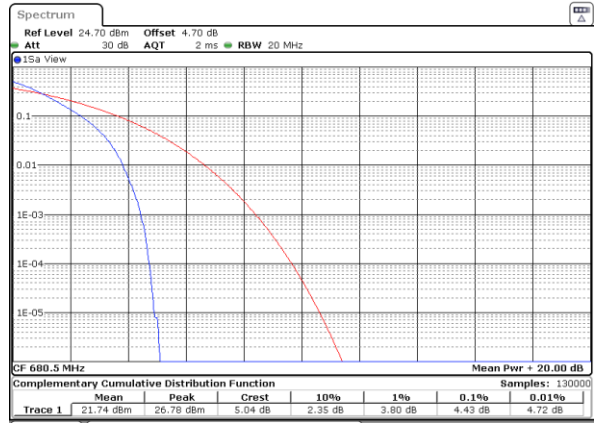
Date: 6 FEB 2020 03:48:41

Middle Channel / 1RB



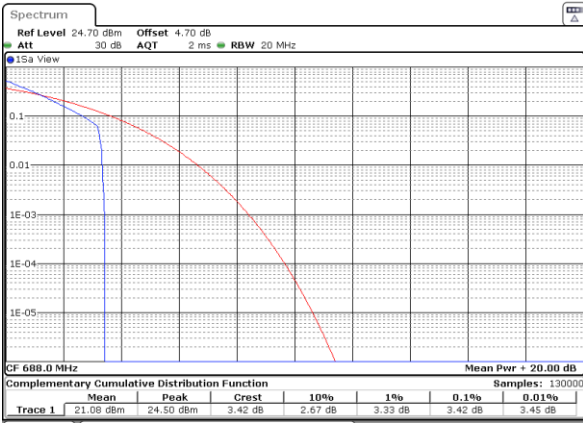
Date: 6 FEB 2020 03:42:49

Middle Channel / Full RB



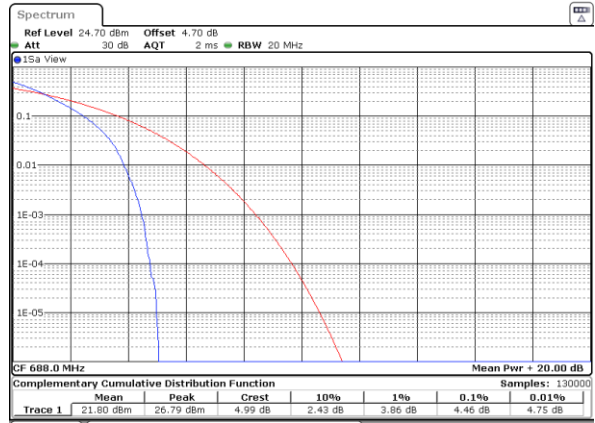
Date: 6 FEB 2020 03:42:09

Highest Channel / 1RB



Date: 6 FEB 2020 03:35:57

Highest Channel / Full RB

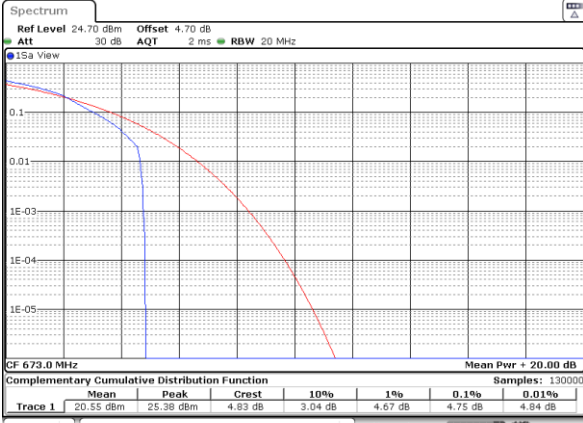


Date: 6 FEB 2020 03:36:58



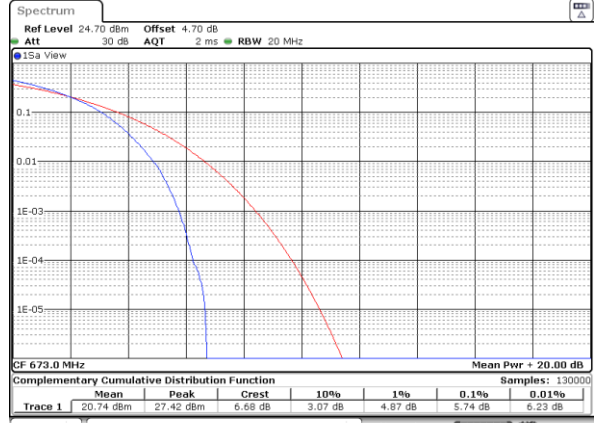
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



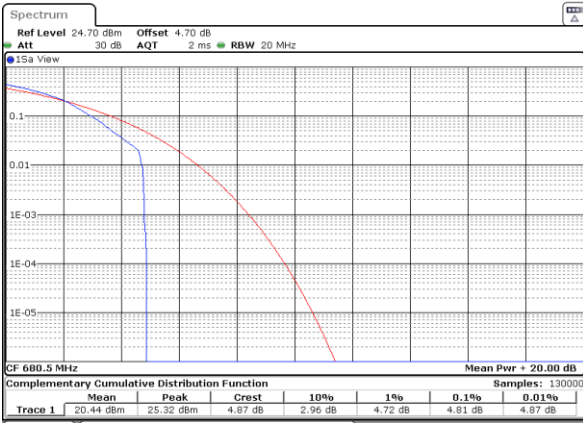
Date: 6 FEB 2020 03:45:52

Lowest Channel / Full RB



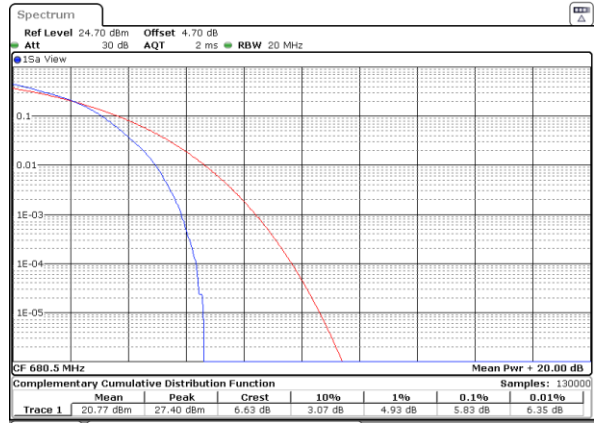
Date: 6 FEB 2020 03:48:42

Middle Channel / 1RB



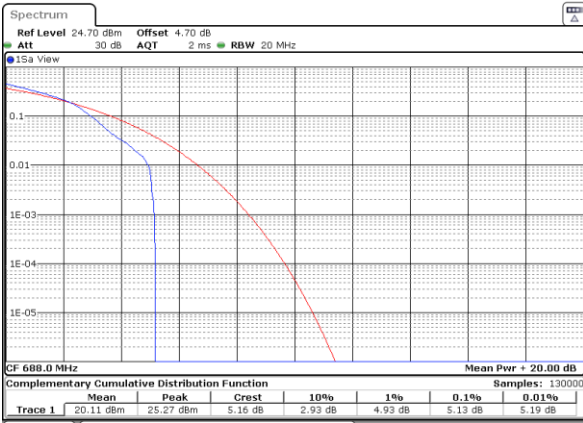
Date: 6 FEB 2020 03:43:25

Middle Channel / Full RB



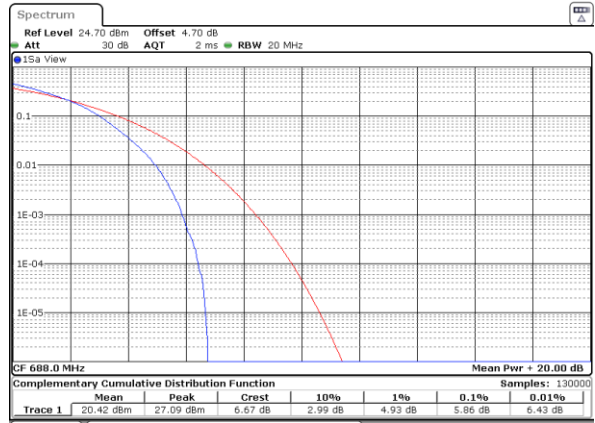
Date: 6 FEB 2020 03:41:37

Highest Channel / 1RB



Date: 6 FEB 2020 03:35:20

Highest Channel / Full RB

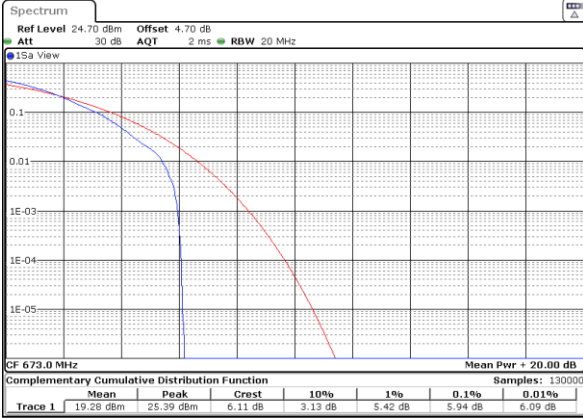


Date: 6 FEB 2020 03:38:21



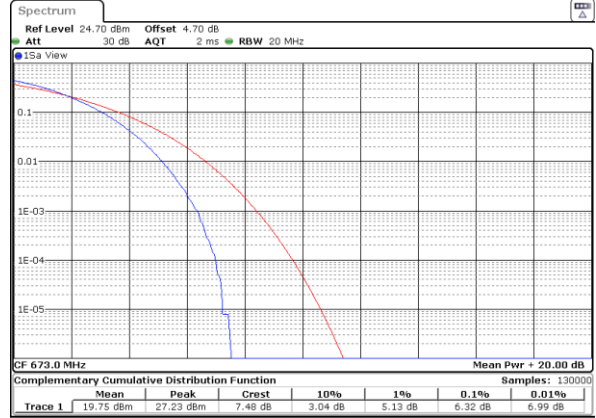
LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



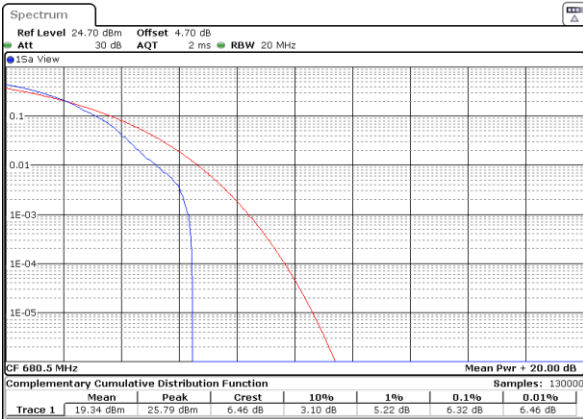
Date: 6 FEB 2020 03:44:41

Lowest Channel / Full RB



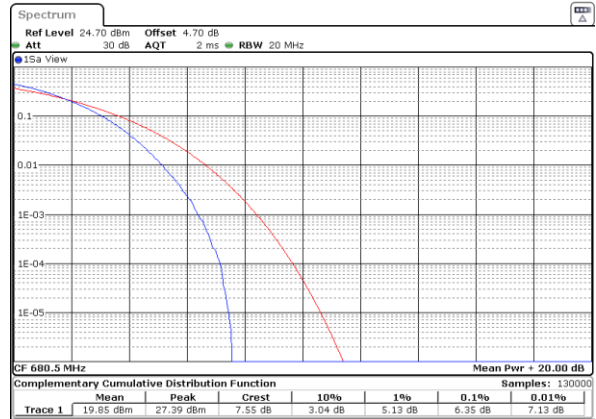
Date: 6 FEB 2020 03:50:51

Middle Channel / 1RB



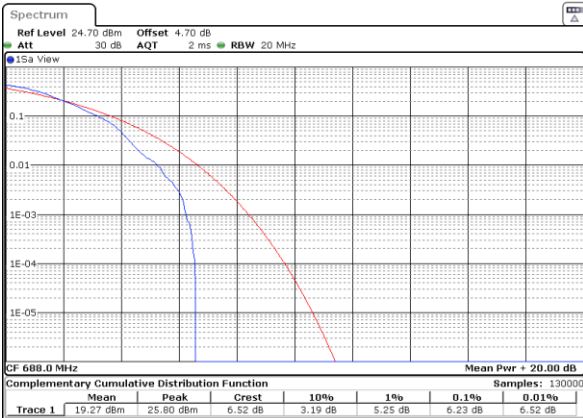
Date: 6 FEB 2020 03:43:56

Middle Channel / Full RB



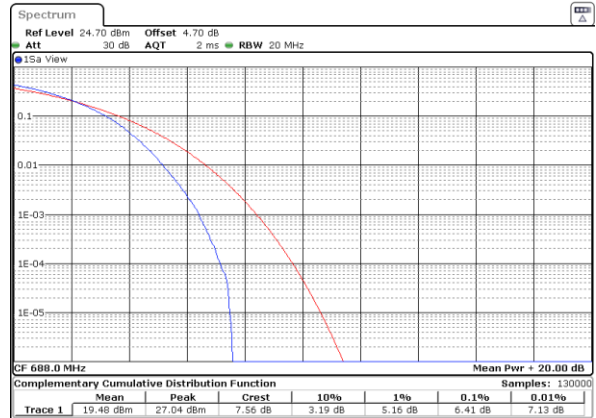
Date: 6 FEB 2020 03:41:03

Highest Channel / 1RB



Date: 6 FEB 2020 03:34:41

Highest Channel / Full RB



Date: 6 FEB 2020 03:39:31



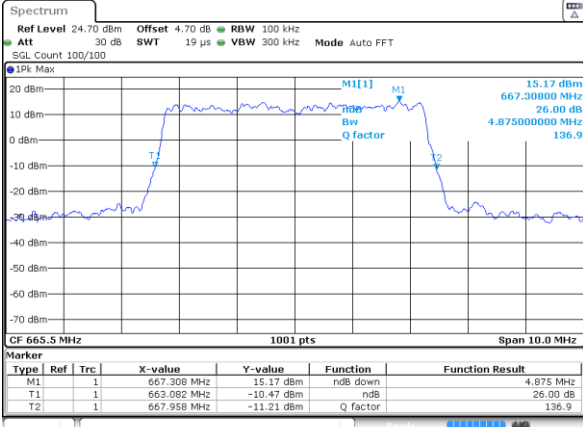
26dB Bandwidth

Mode	LTE Band 71 : 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	-	-	-	-	4.88	4.91	9.75	9.75	14.36	14.39	18.86	18.78
Middle CH	-	-	-	-	4.98	4.91	9.89	9.65	14.33	14.36	18.94	18.74
Highest CH	-	-	-	-	4.92	4.88	9.83	9.73	14.39	14.36	18.74	19.02
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.86	-	9.73	-	14.18	-	19.02	-
Middle CH	-	-	-	-	4.87	-	9.61	-	14.33	-	18.98	-
Highest CH	-	-	-	-	4.89	-	9.65	-	14.30	-	18.66	-



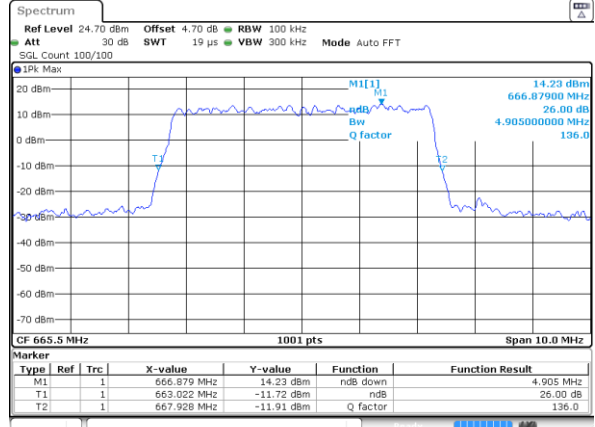
LTE Band 71

Lowest Channel / 5MHz / QPSK



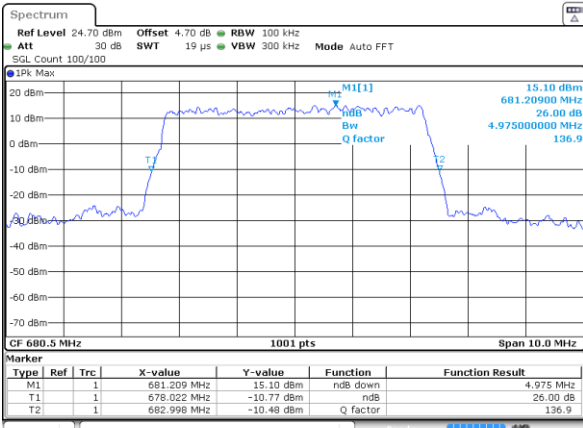
Date: 6 FEB 2020 03:54:47

Lowest Channel / 5MHz / 16QAM



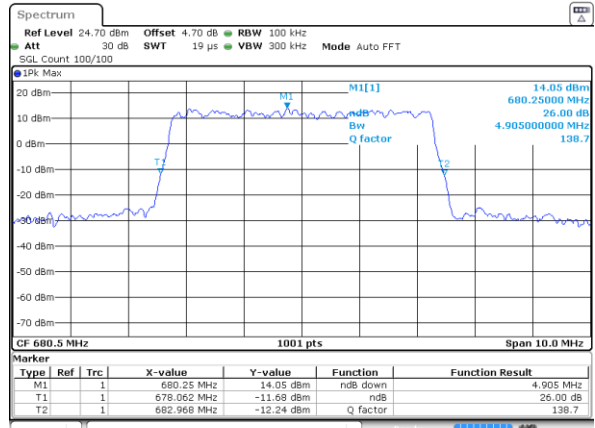
Date: 6 FEB 2020 03:53:49

Middle Channel / 5MHz / QPSK



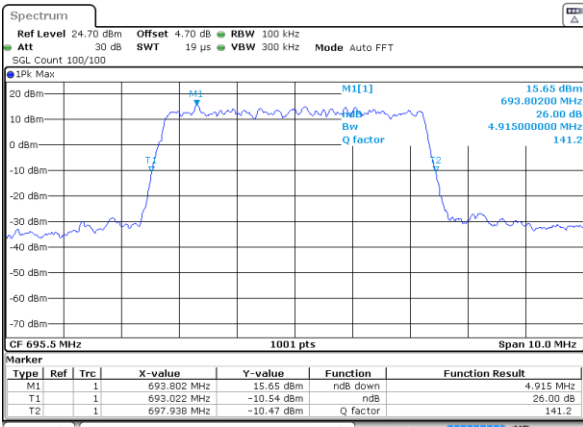
Date: 6 FEB 2020 04:37:58

Middle Channel / 5MHz / 16QAM



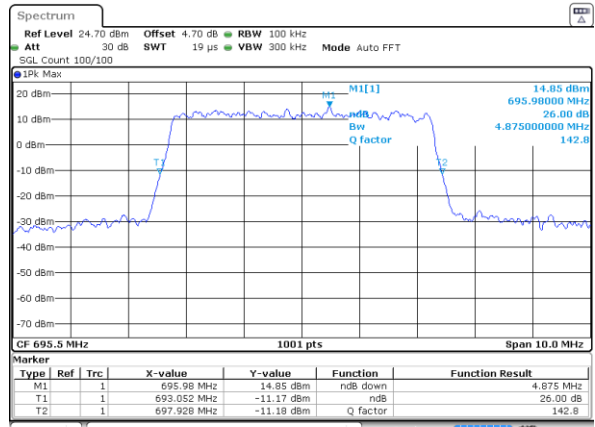
Date: 6 FEB 2020 04:38:20

Highest Channel / 5MHz / QPSK



Date: 6 FEB 2020 04:42:52

Highest Channel / 5MHz / 16QAM

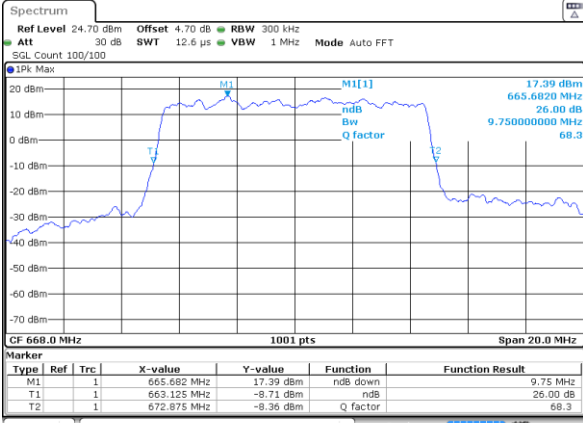


Date: 6 FEB 2020 04:42:18



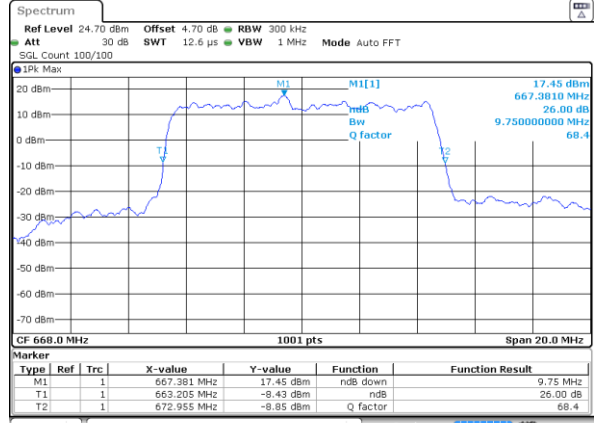
LTE Band 71

Lowest Channel / 10MHz / QPSK



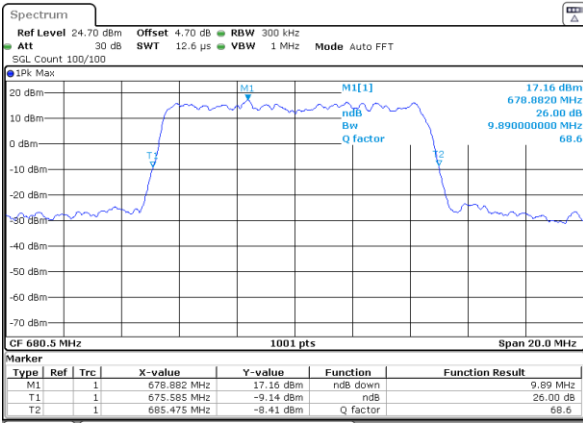
Date: 6 FEB 2020 04:48:54

Lowest Channel / 10MHz / 16QAM



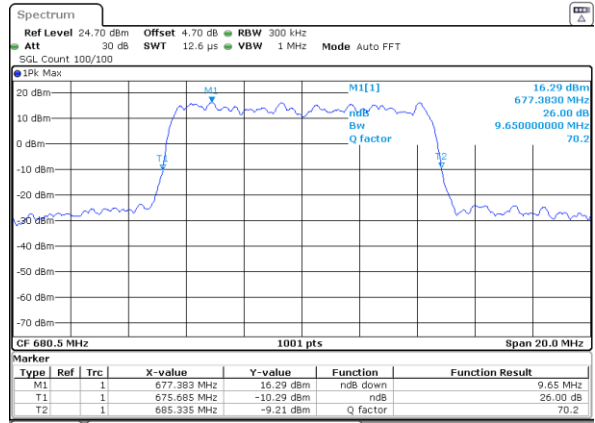
Date: 6 FEB 2020 04:49:55

Middle Channel / 10MHz / QPSK



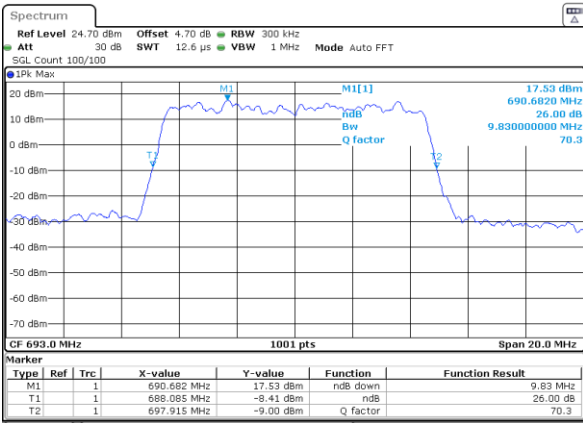
Date: 6 FEB 2020 04:57:45

Middle Channel / 10MHz / 16QAM



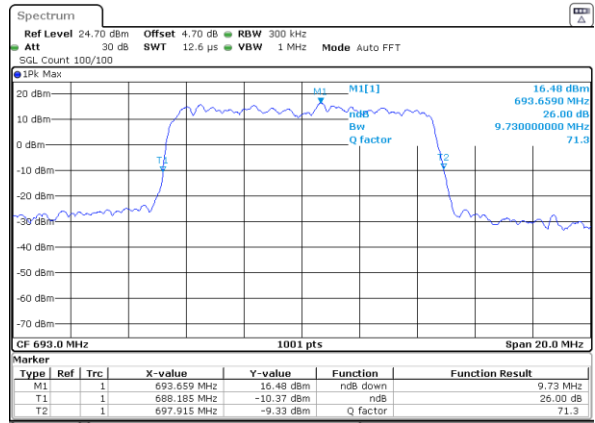
Date: 6 FEB 2020 04:57:11

Highest Channel / 10MHz / QPSK



Date: 6 FEB 2020 04:58:19

Highest Channel / 10MHz / 16QAM

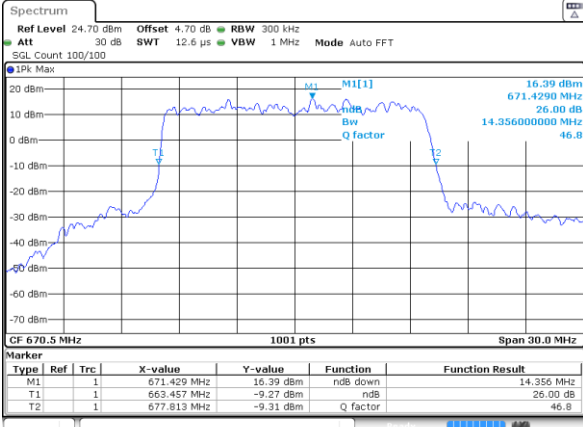


Date: 6 FEB 2020 04:59:26



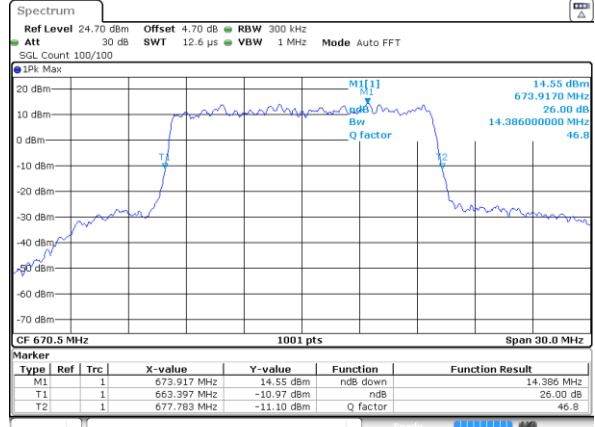
LTE Band 71

Lowest Channel / 15MHz / QPSK



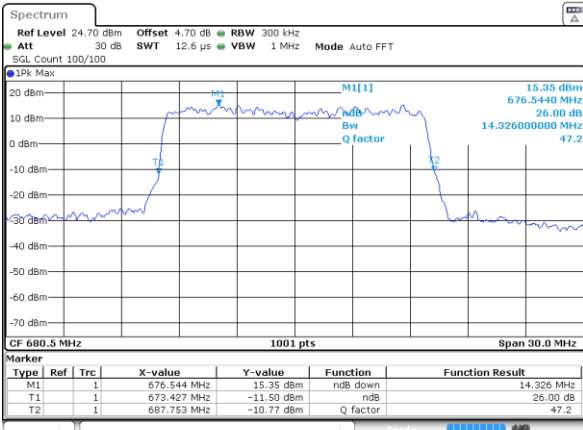
Date: 6 FEB 2020 05:07:46

Lowest Channel / 15MHz / 16QAM



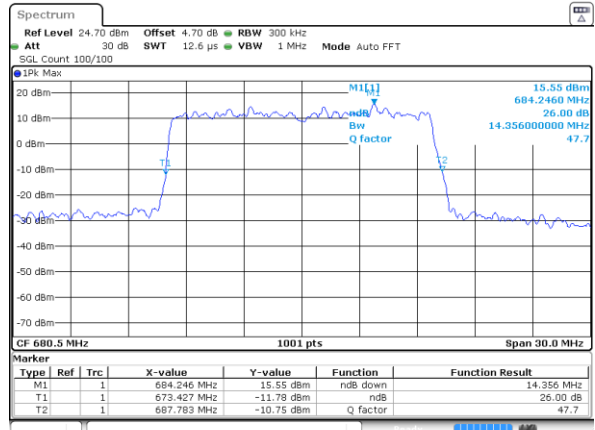
Date: 6 FEB 2020 05:06:49

Middle Channel / 15MHz / QPSK



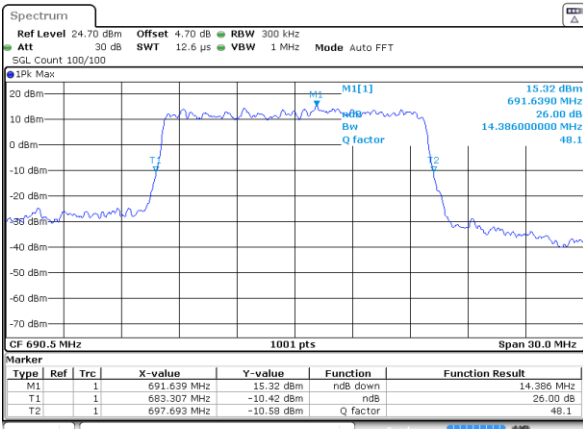
Date: 6 FEB 2020 05:12:59

Middle Channel / 15MHz / 16QAM



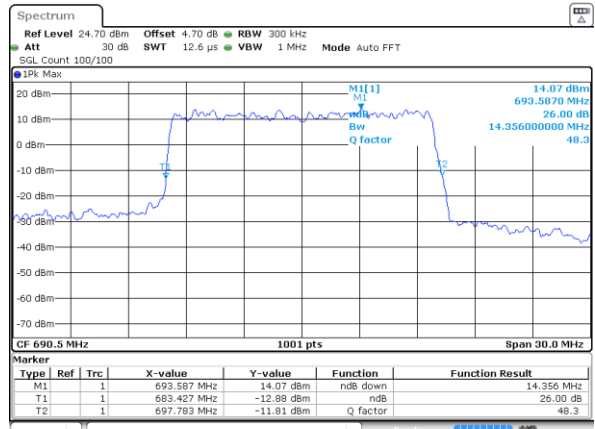
Date: 6 FEB 2020 05:13:16

Highest Channel / 15MHz / QPSK



Date: 6 FEB 2020 05:16:01

Highest Channel / 15MHz / 16QAM



Date: 6 FEB 2020 05:15:01