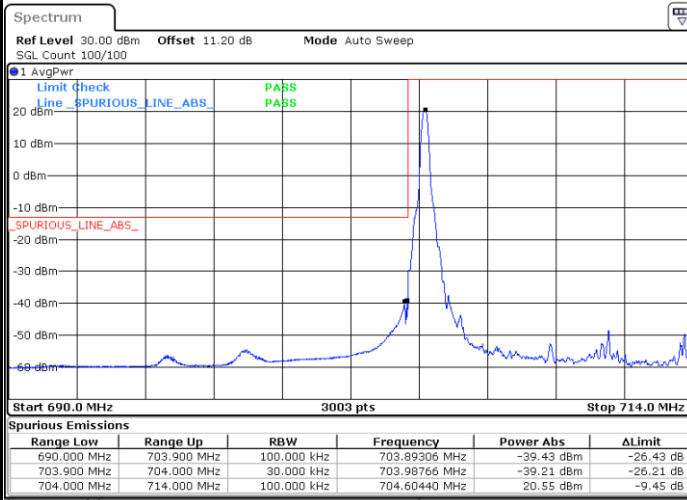




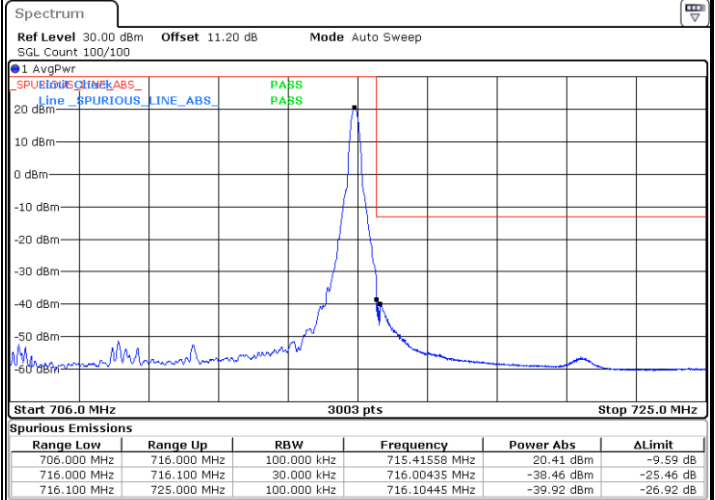
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



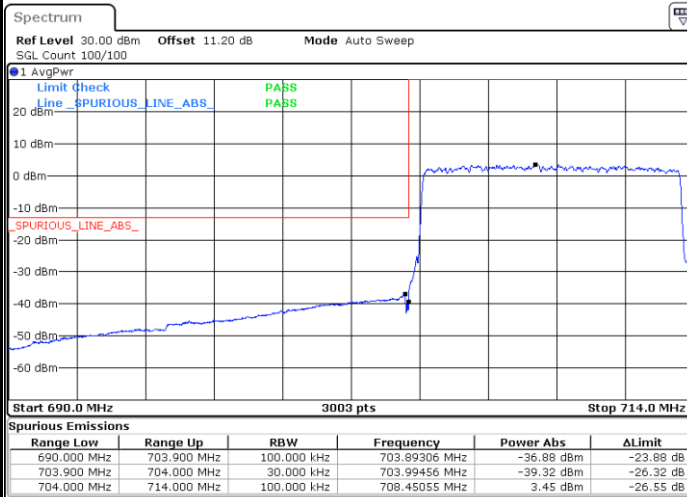
Date: 22 DEC 2020 15:54:12

Highest Band Edge / 1 RB



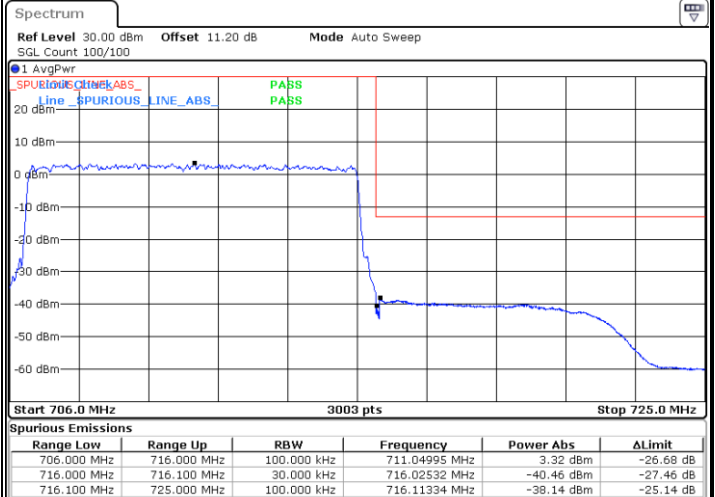
Date: 22 DEC 2020 15:59:20

Lowest Band Edge / Full RB



Date: 22 DEC 2020 15:55:40

Highest Band Edge / Full RB

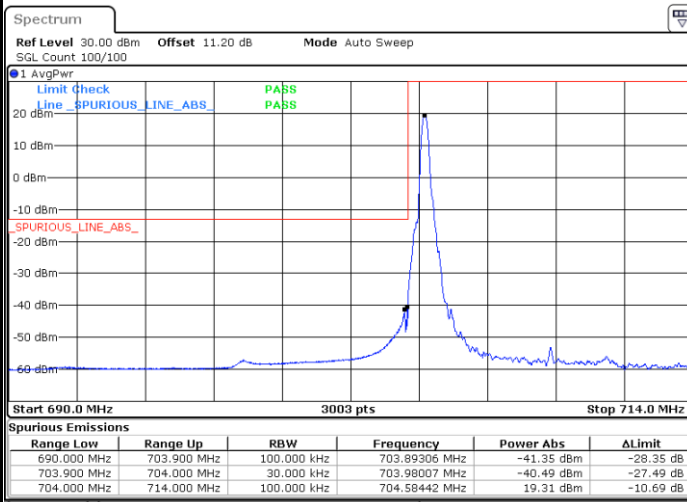


Date: 22 DEC 2020 16:00:44



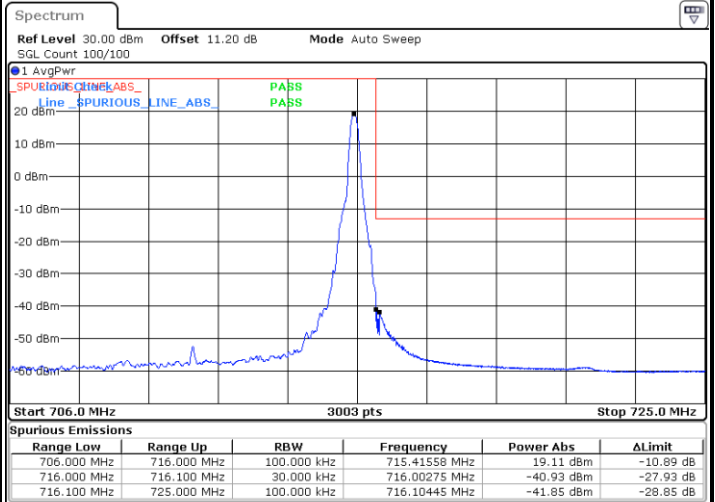
LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



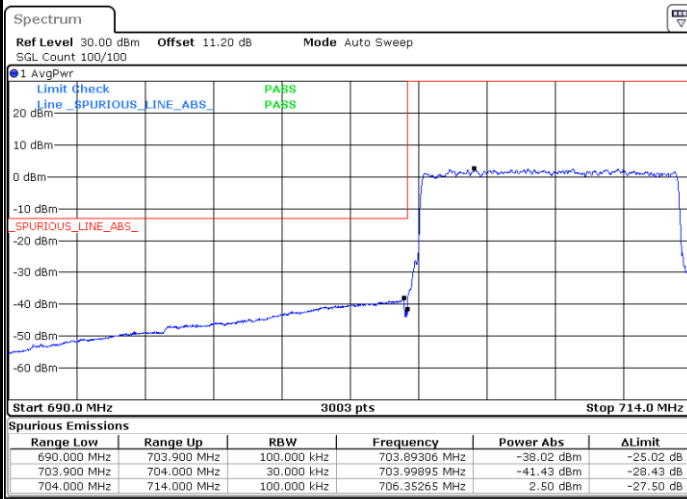
Date: 22 DEC 2020 16:05:29

Highest Band Edge / 1 RB



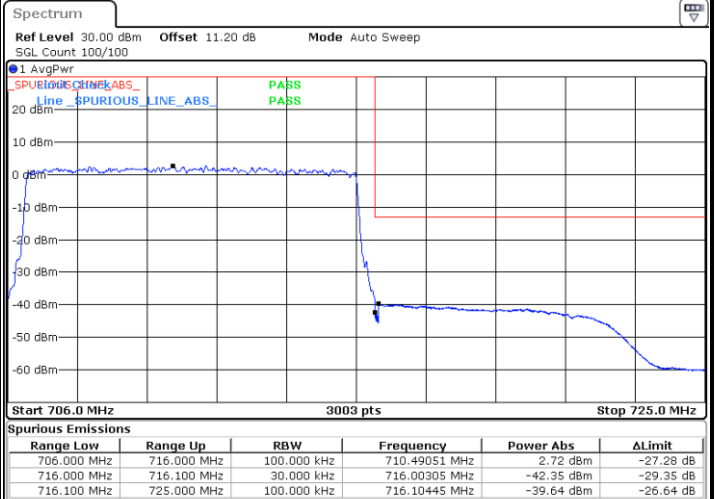
Date: 22 DEC 2020 16:07:22

Lowest Band Edge / Full RB



Date: 22 DEC 2020 16:06:13

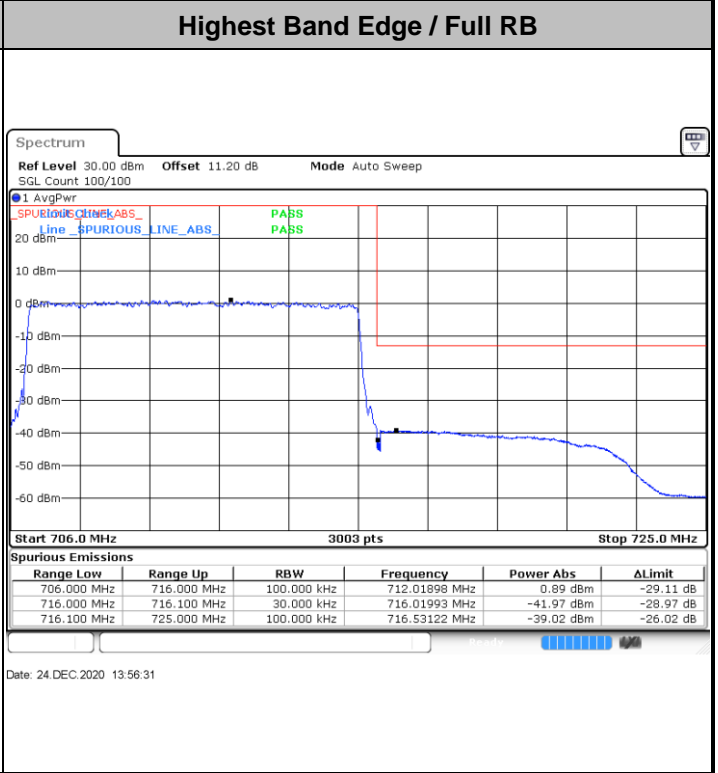
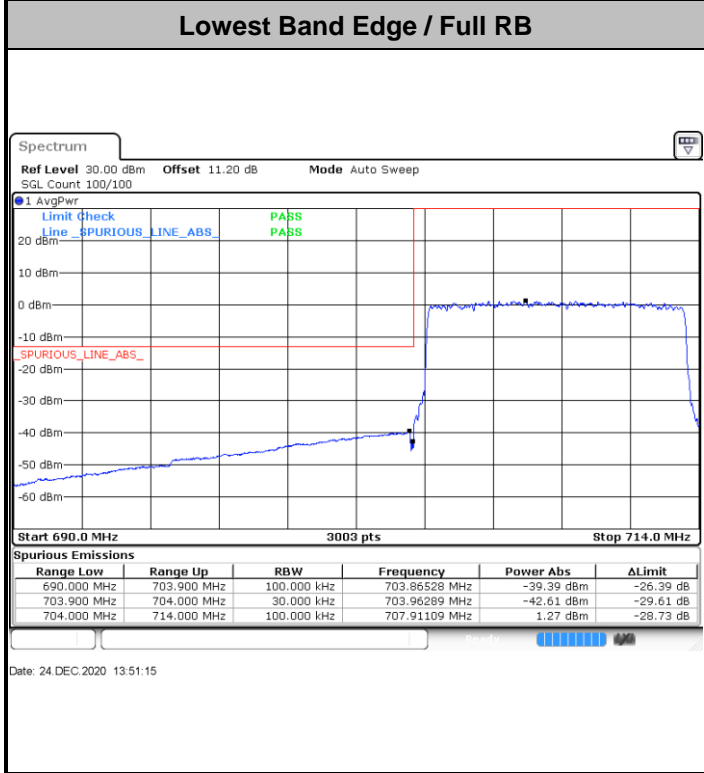
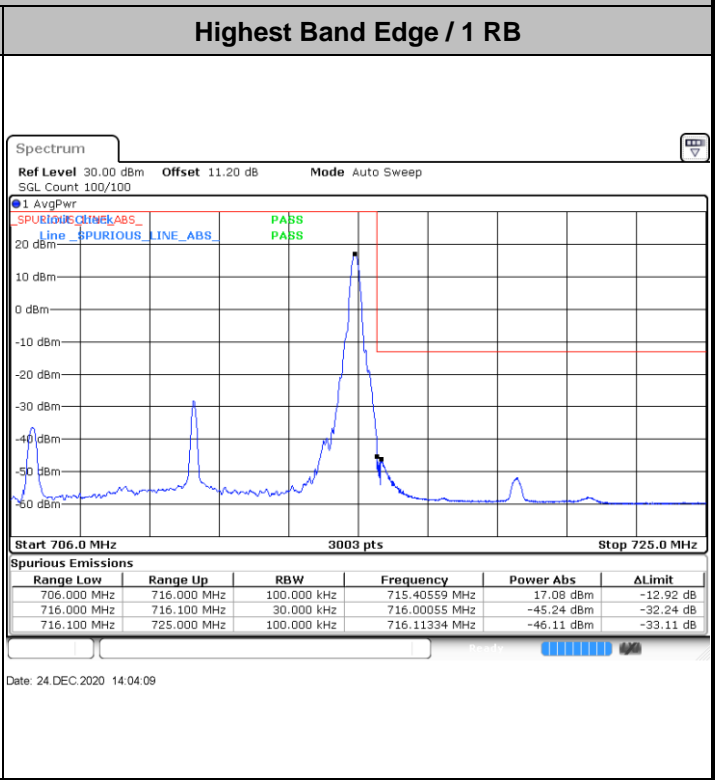
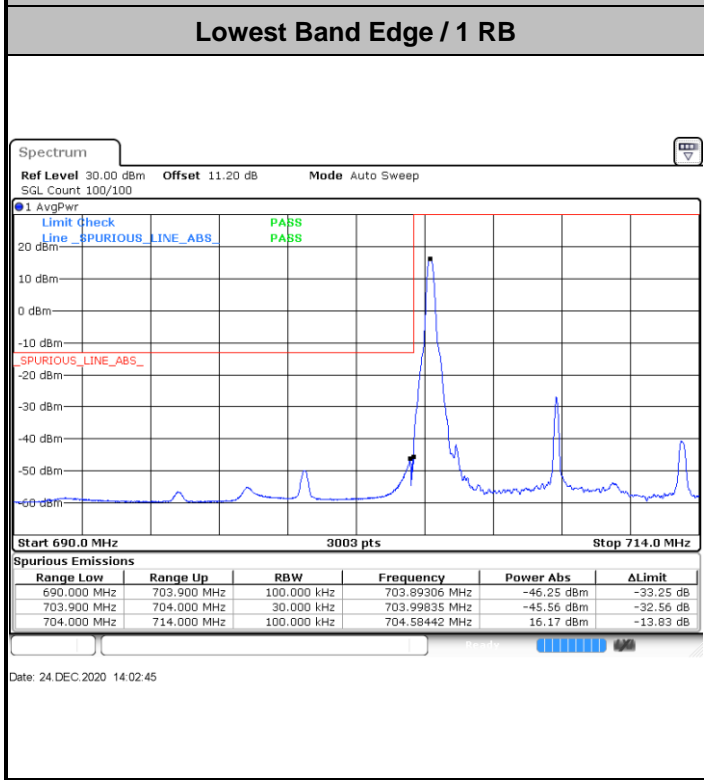
Highest Band Edge / Full RB



Date: 22 DEC 2020 16:08:04



LTE Band 17 / 10MHz / 256QAM

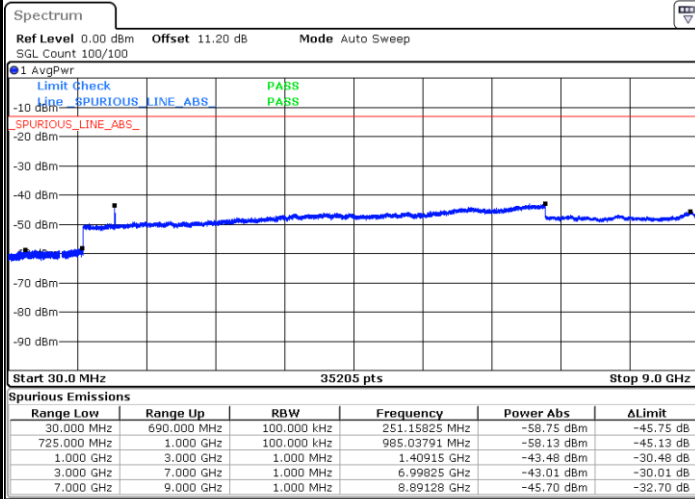




Conducted Spurious Emission

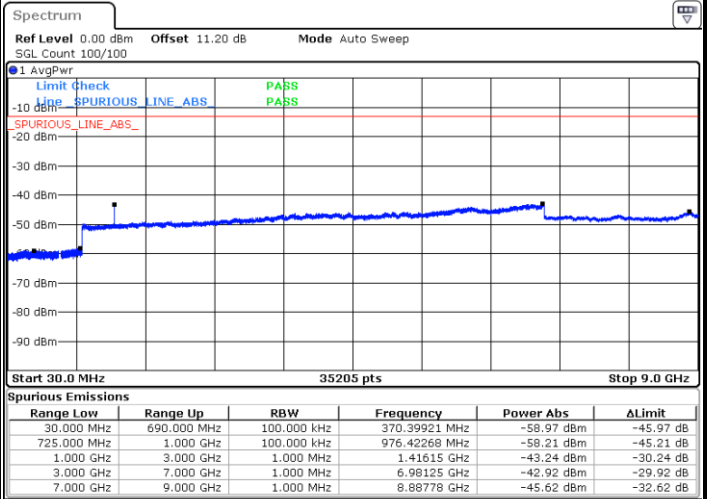
LTE Band 17 / 5MHz

Lowest Channel / QPSK



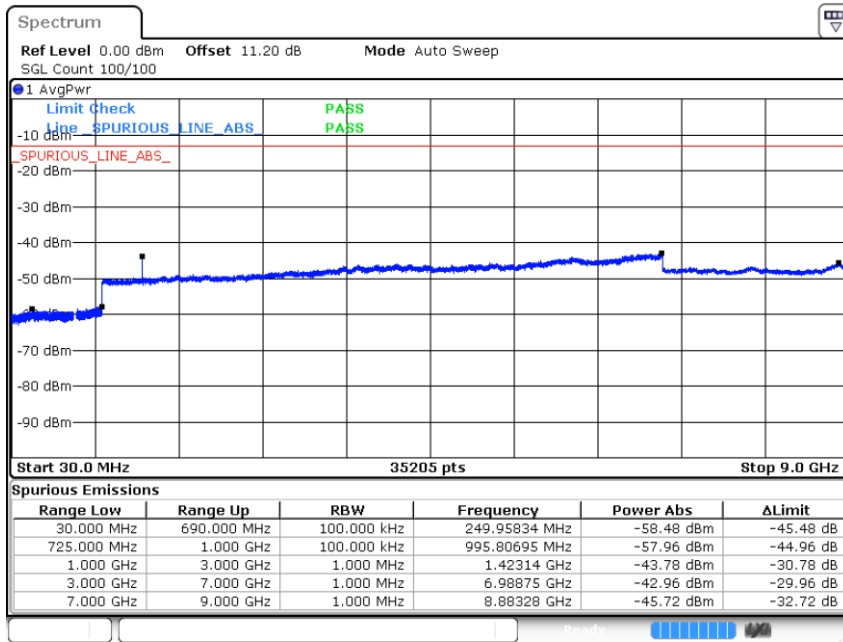
Date: 22 DEC.2020 15:47:39

Middle Channel / QPSK



Date: 22 DEC.2020 15:49:13

Highest Channel / QPSK



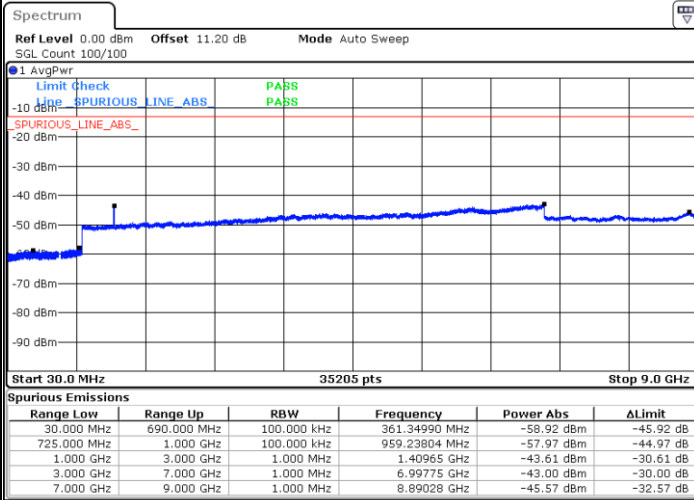
Date: 22 DEC.2020 15:52:44



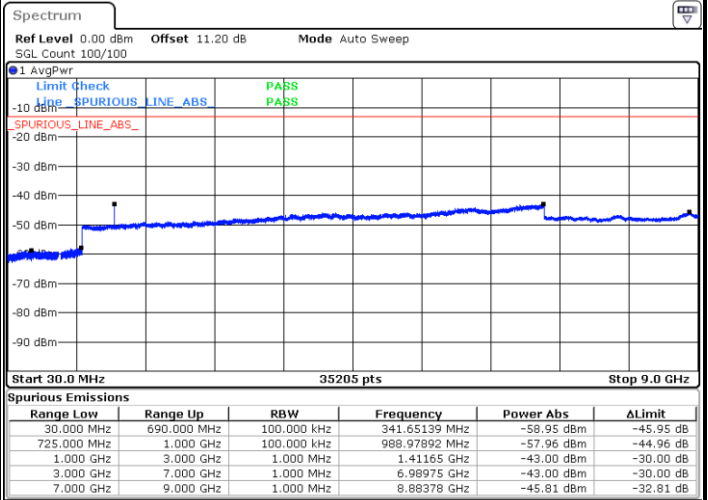
LTE Band 17 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

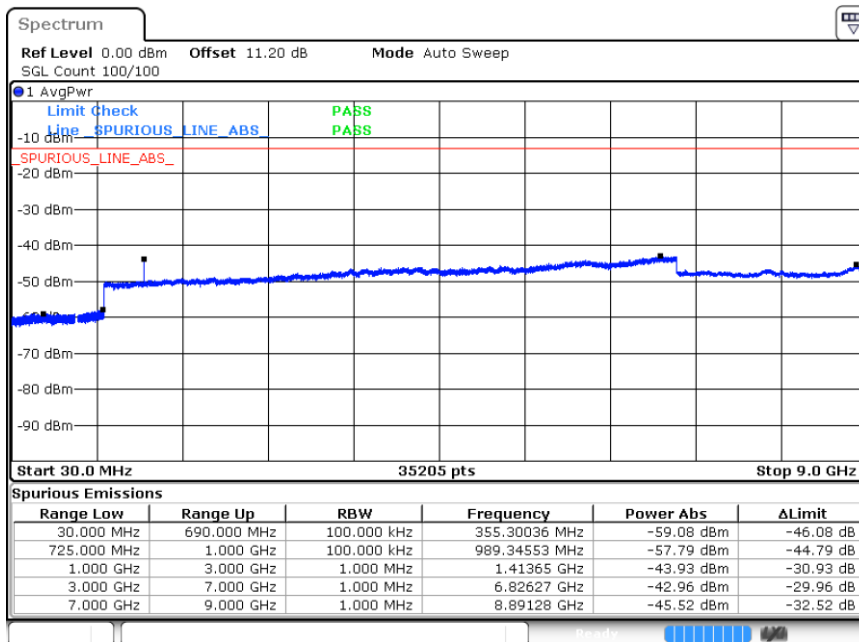


Date: 22 DEC.2020 15:56:22



Date: 22 DEC.2020 15:57:56

Highest Channel / QPSK



Date: 22 DEC.2020 16:01:26



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0113	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0173	
0	Normal Voltage	0.0201	
-10	Normal Voltage	0.0070	
-20	Normal Voltage	0.0094	
-30	Normal Voltage	0.0124	
20	Maximum Voltage	0.0180	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0170	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

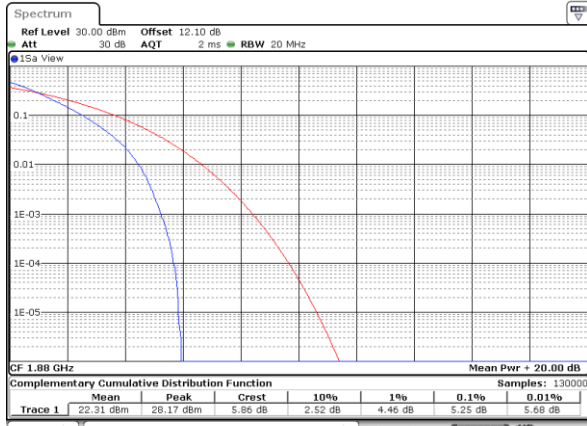
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.25	5.88	6.58	6.35	PASS



LTE Band 25 / 20MHz / QPSK

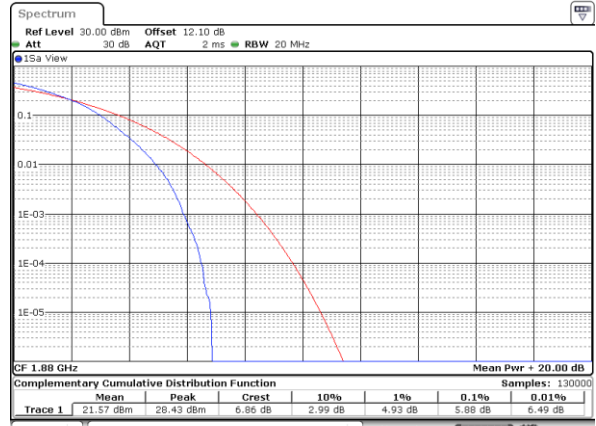
Middle Channel / Full RB



Date: 23 DEC 2020 07:47:24

LTE Band 25 / 20MHz / 16QAM

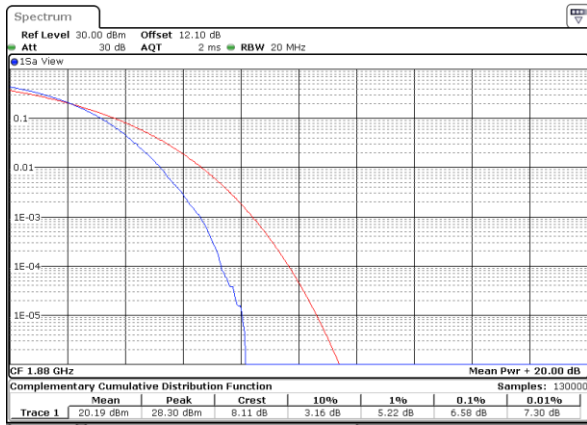
Middle Channel / Full RB



Date: 23 DEC 2020 07:47:10

LTE Band 25 / 20MHz / 64QAM

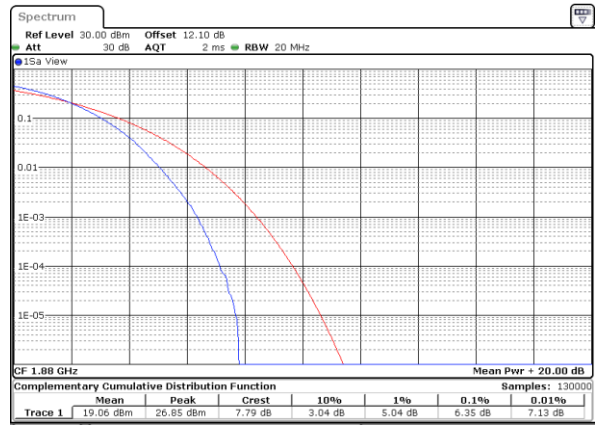
Middle Channel / Full RB



Date: 23 DEC 2020 07:46:48

LTE Band 25 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 24 DEC 2020 13:27:44



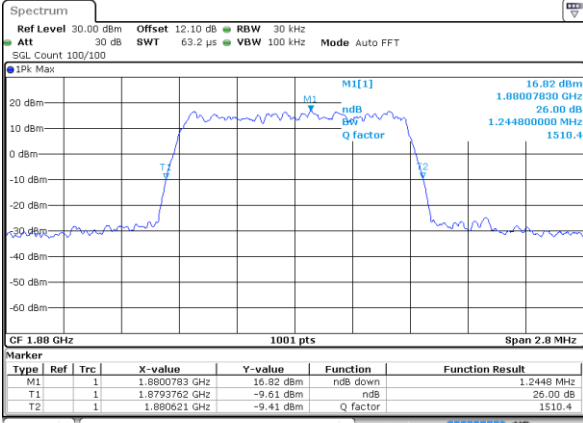
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.24	1.23	2.99	3.03	4.92	4.90	9.73	9.75	14.42	14.30	18.94	18.90
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.22	1.23	2.99	3.06	4.92	4.87	9.89	9.81	14.21	14.54	18.90	18.78



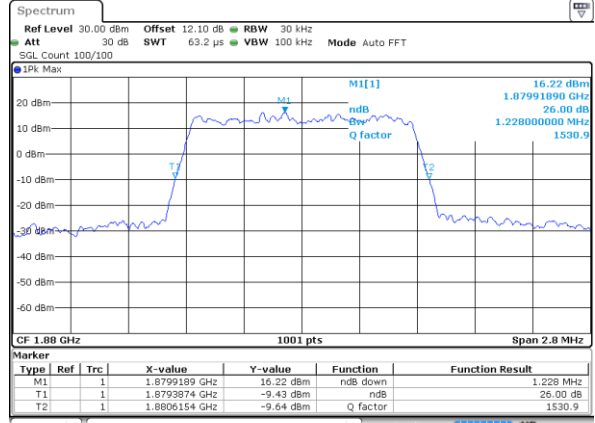
LTE Band 25

Middle Channel / 1.4MHz / QPSK



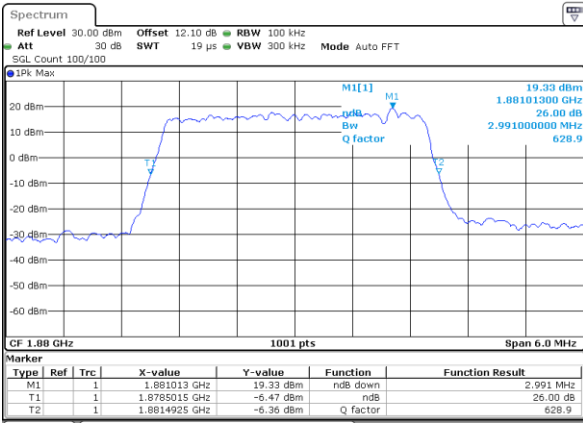
Date: 23 DEC 2020 00:56:59

Middle Channel / 1.4MHz / 16QAM



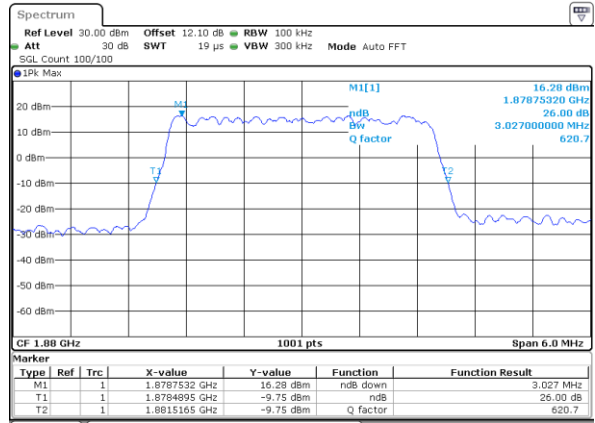
Date: 23 DEC 2020 00:57:13

Middle Channel / 3MHz / QPSK



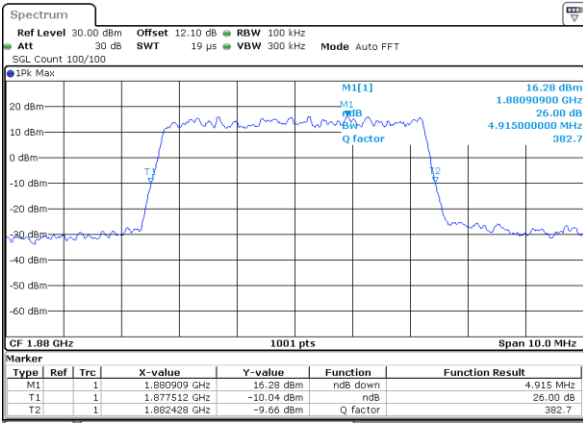
Date: 23 DEC 2020 01:08:43

Middle Channel / 3MHz / 16QAM



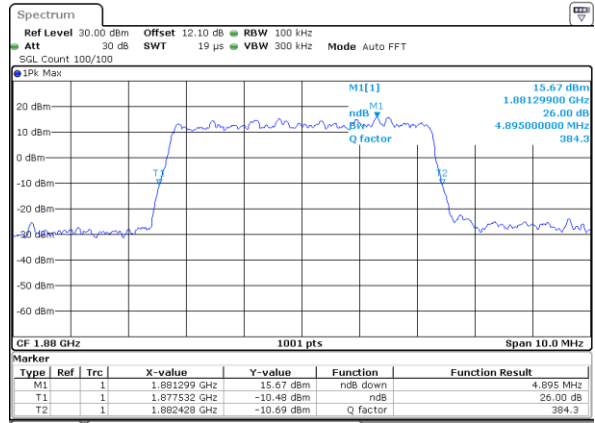
Date: 23 DEC 2020 01:08:57

Middle Channel / 5MHz / QPSK



Date: 23 DEC 2020 01:15:54

Middle Channel / 5MHz / 16QAM

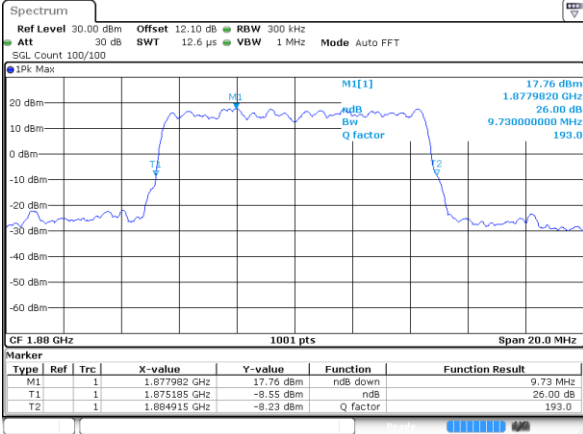


Date: 23 DEC 2020 01:16:08



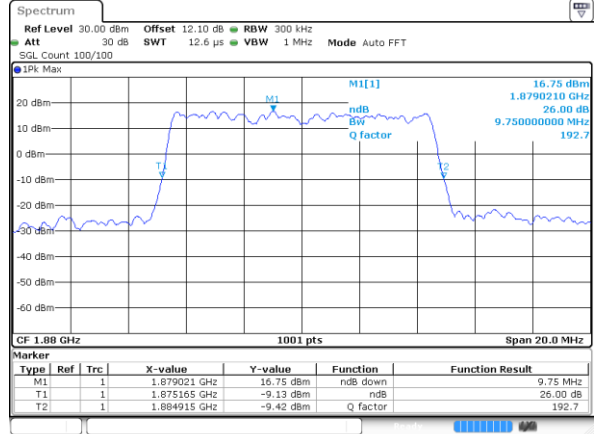
LTE Band 25

Middle Channel / 10MHz / QPSK



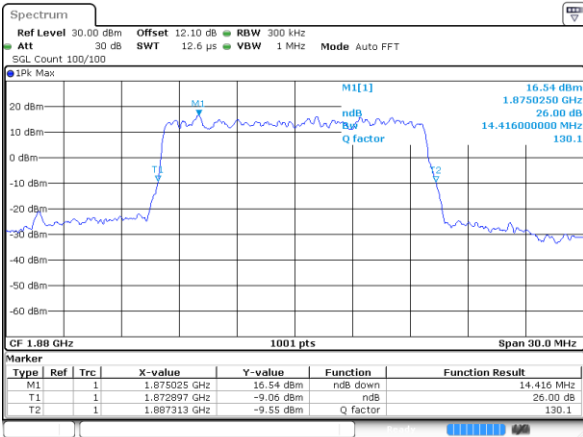
Date: 23 DEC 2020 01:25:23

Middle Channel / 10MHz / 16QAM



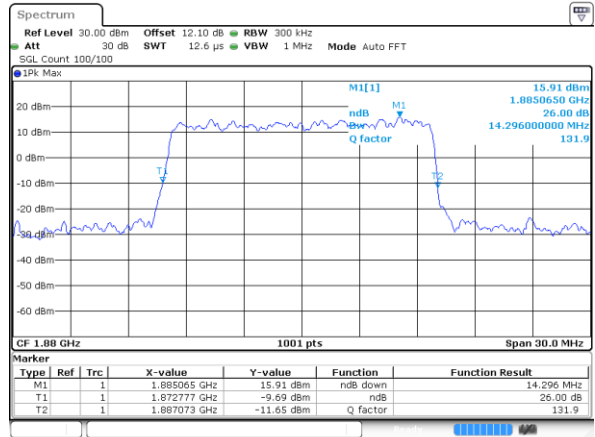
Date: 23 DEC 2020 01:25:37

Middle Channel / 15MHz / QPSK



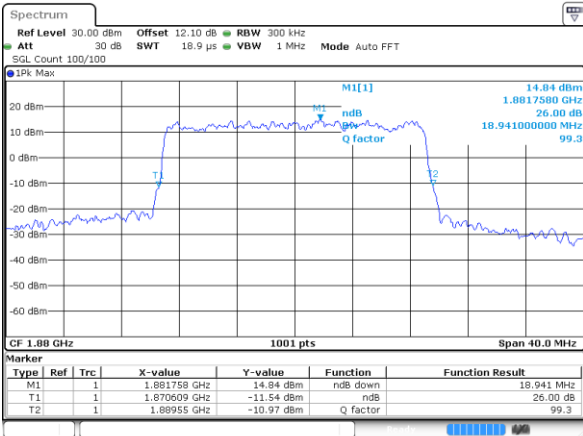
Date: 23 DEC 2020 01:37:08

Middle Channel / 15MHz / 16QAM



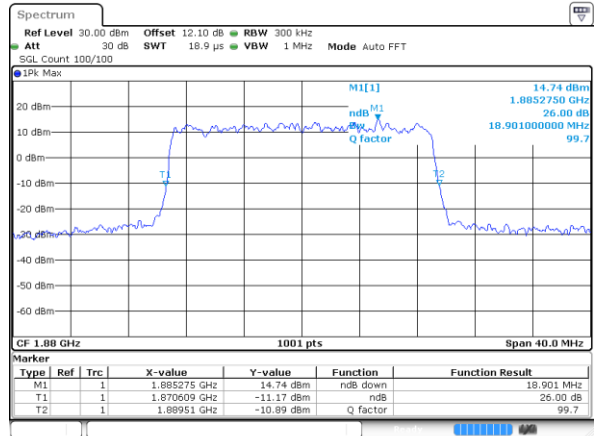
Date: 23 DEC 2020 01:37:21

Middle Channel / 20MHz / QPSK



Date: 23 DEC 2020 01:44:20

Middle Channel / 20MHz / 16QAM

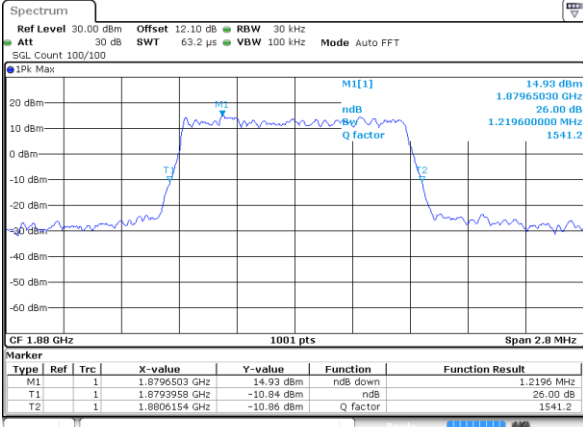


Date: 23 DEC 2020 01:44:33



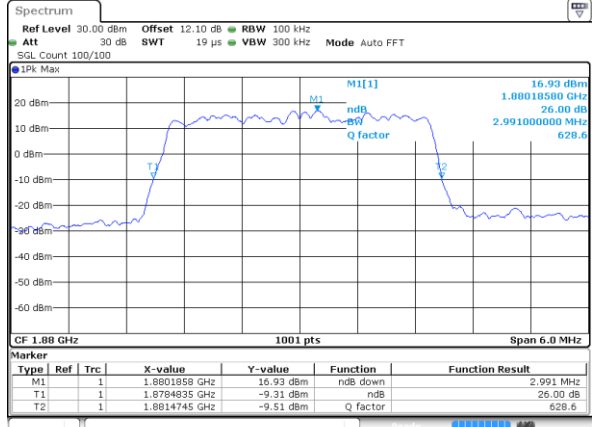
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



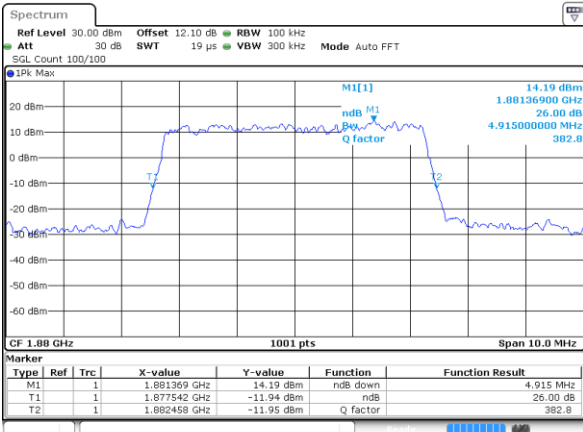
Date: 23 DEC 2020 01:02:10

Middle Channel / 3MHz / 64QAM



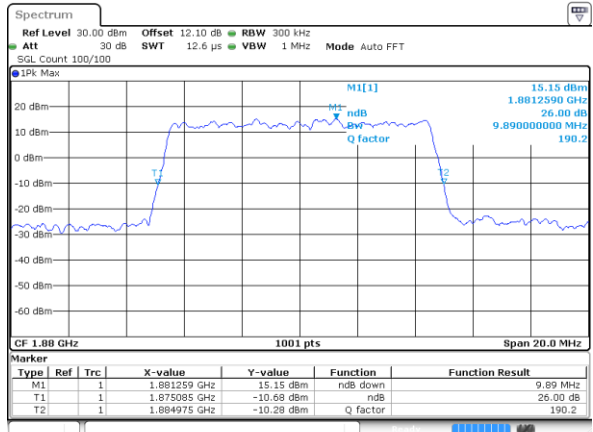
Date: 23 DEC 2020 01:04:26

Middle Channel / 5MHz / 64QAM



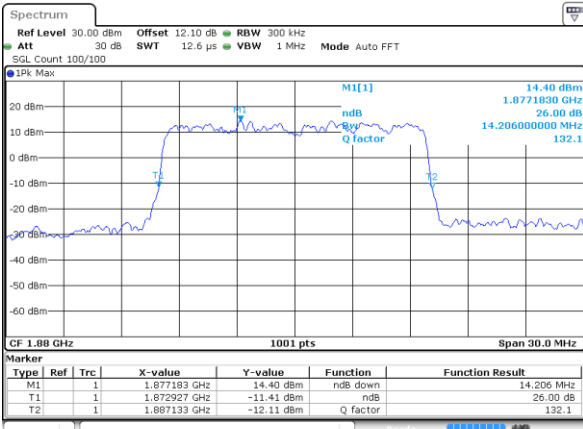
Date: 23 DEC 2020 01:21:05

Middle Channel / 10MHz / 64QAM



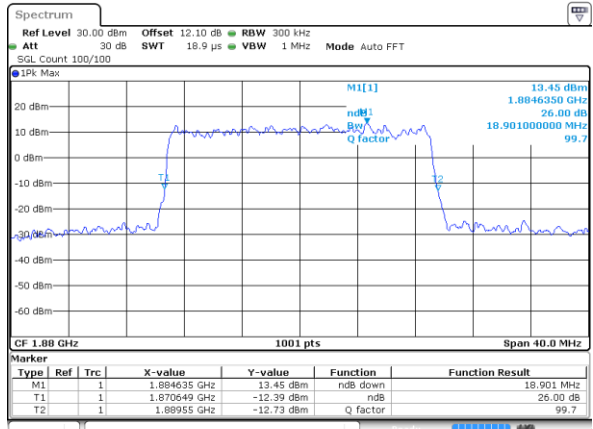
Date: 23 DEC 2020 01:30:33

Middle Channel / 15MHz / 64QAM



Date: 23 DEC 2020 01:32:50

Middle Channel / 20MHz / 64QAM

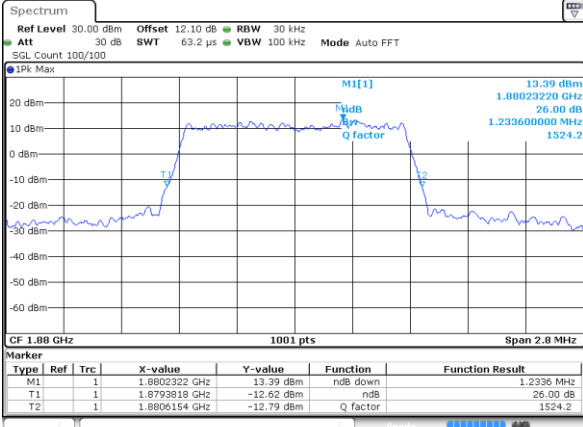


Date: 23 DEC 2020 01:49:30



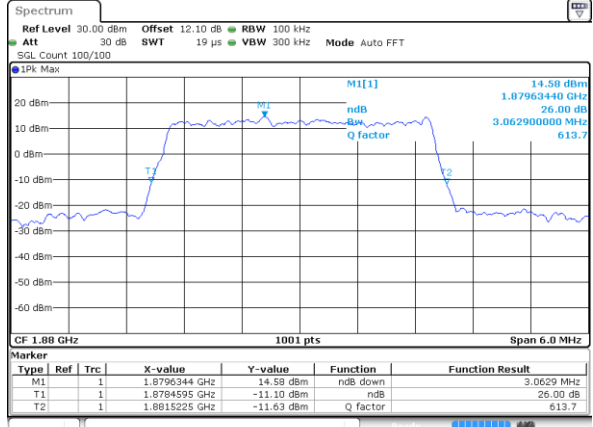
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



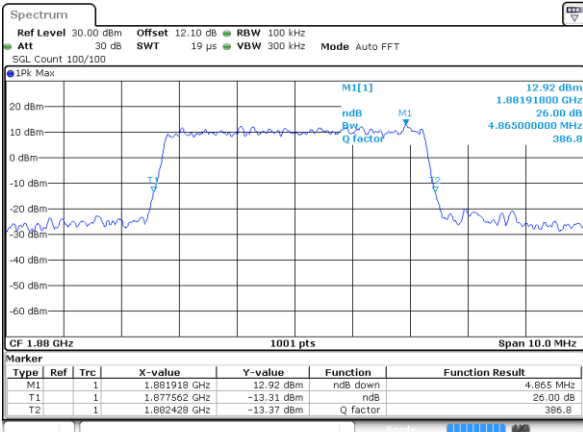
Date: 24 DEC 2020 13:08:15

Middle Channel / 3MHz / 256QAM



Date: 24 DEC 2020 13:11:16

Middle Channel / 5MHz / 256QAM



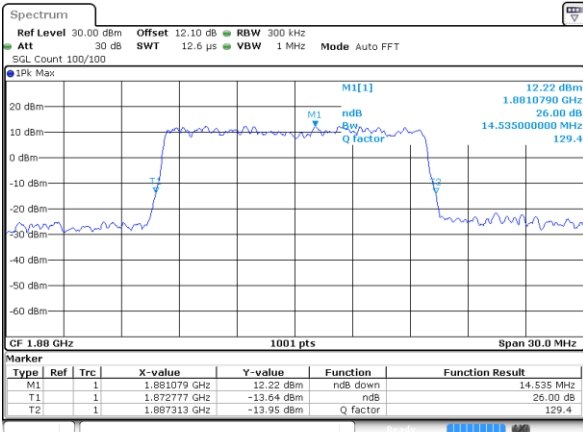
Date: 24 DEC 2020 13:14:31

Middle Channel / 10MHz / 256QAM



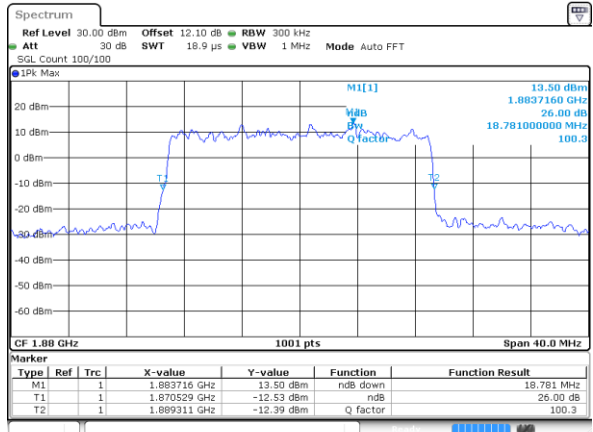
Date: 24 DEC 2020 13:17:46

Middle Channel / 15MHz / 256QAM



Date: 24 DEC 2020 13:20:55

Middle Channel / 20MHz / 256QAM



Date: 24 DEC 2020 13:24:03



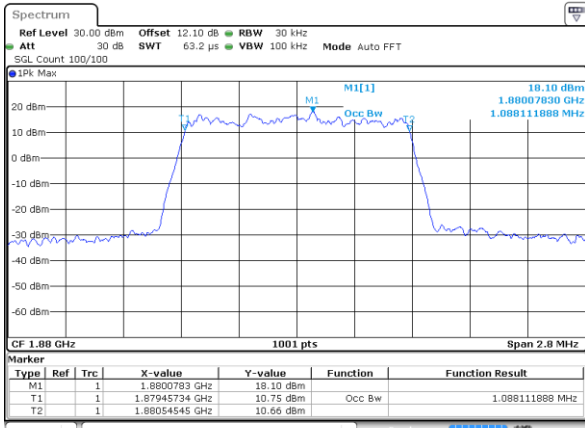
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.71	4.50	4.48	9.01	9.01	13.43	13.43	17.86	17.86
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	1.09	2.71	2.73	4.50	4.48	9.03	9.03	13.49	13.46	17.86	17.78



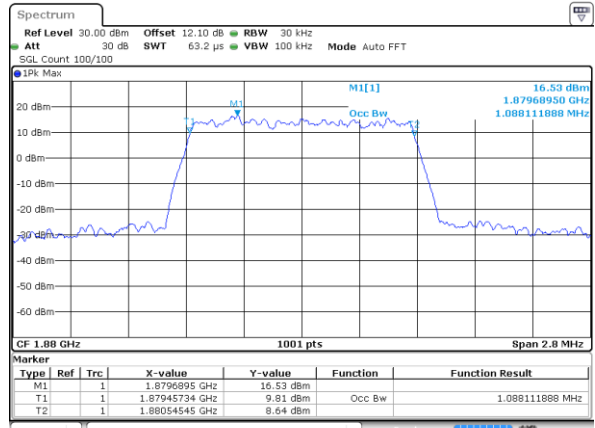
LTE Band 25

Middle Channel / 1.4MHz / QPSK



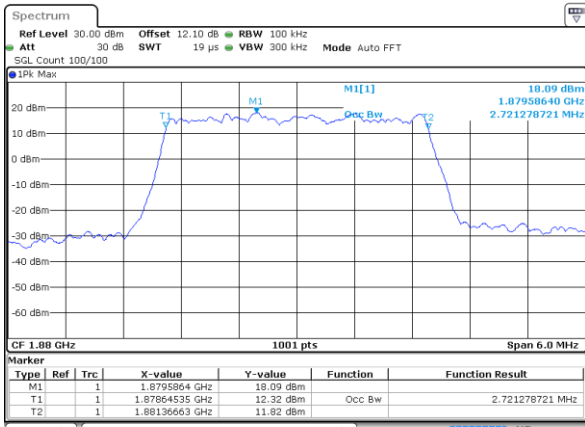
Date: 23 DEC 2020 00:56:32

Middle Channel / 1.4MHz / 16QAM



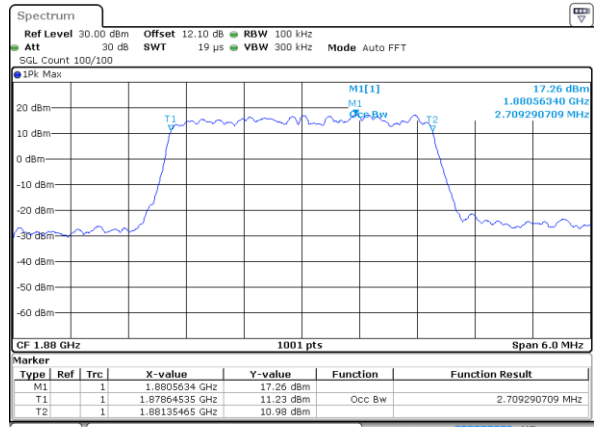
Date: 23 DEC 2020 00:56:46

Middle Channel / 3MHz / QPSK



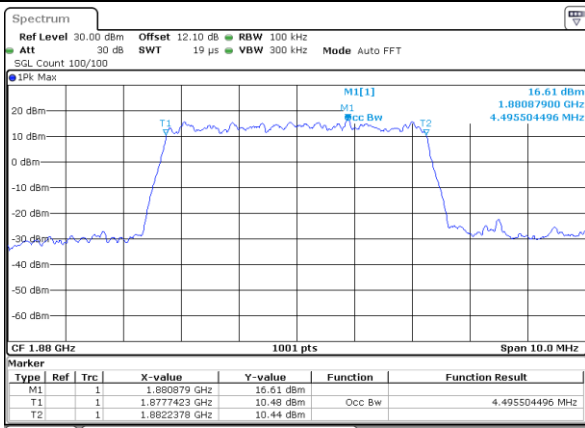
Date: 23 DEC 2020 01:08:16

Middle Channel / 3MHz / 16QAM



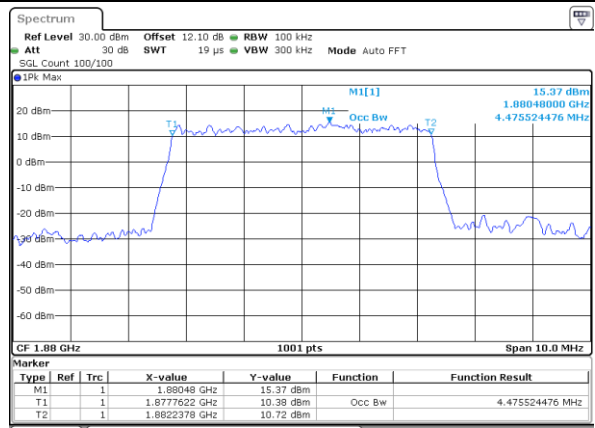
Date: 23 DEC 2020 01:08:30

Middle Channel / 5MHz / QPSK



Date: 23 DEC 2020 01:15:27

Middle Channel / 5MHz / 16QAM

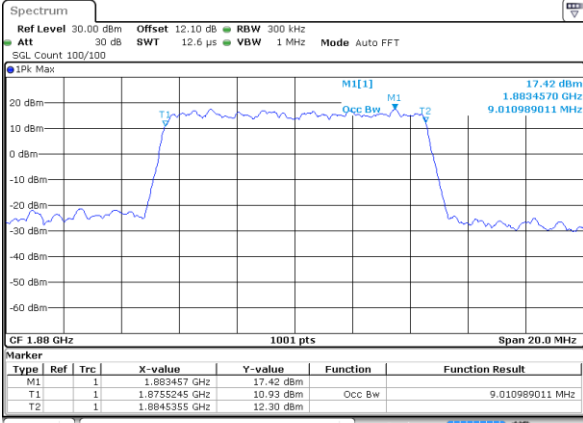


Date: 23 DEC 2020 01:15:41



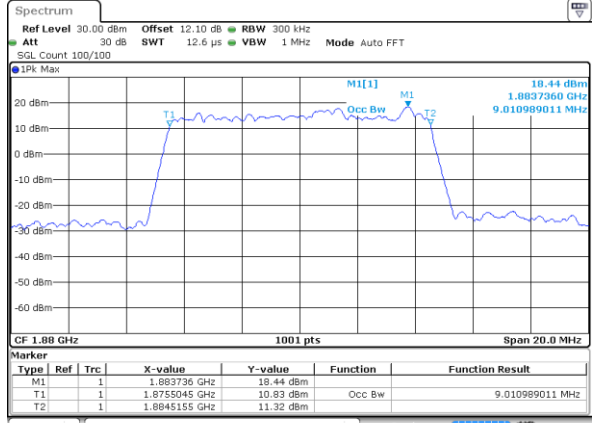
LTE Band 25

Middle Channel / 10MHz / QPSK



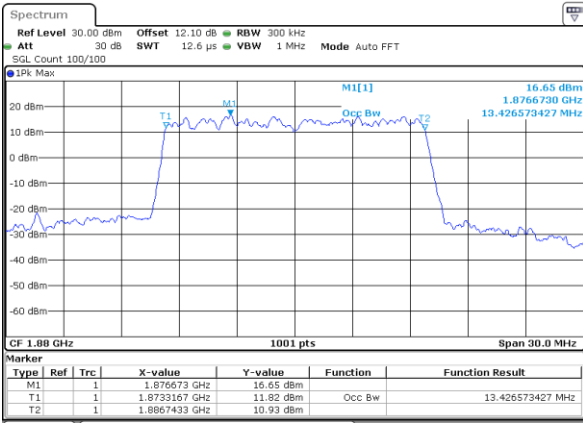
Date: 23 DEC 2020 01:24:56

Middle Channel / 10MHz / 16QAM



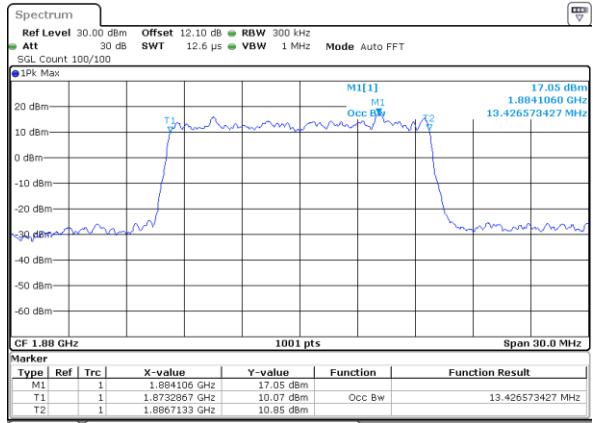
Date: 23 DEC 2020 01:25:09

Middle Channel / 15MHz / QPSK



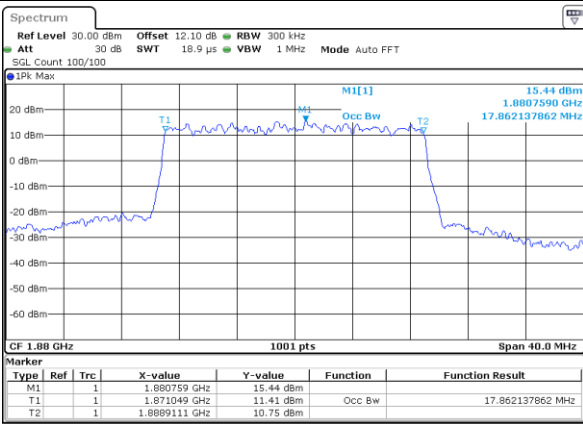
Date: 23 DEC 2020 01:36:41

Middle Channel / 15MHz / 16QAM



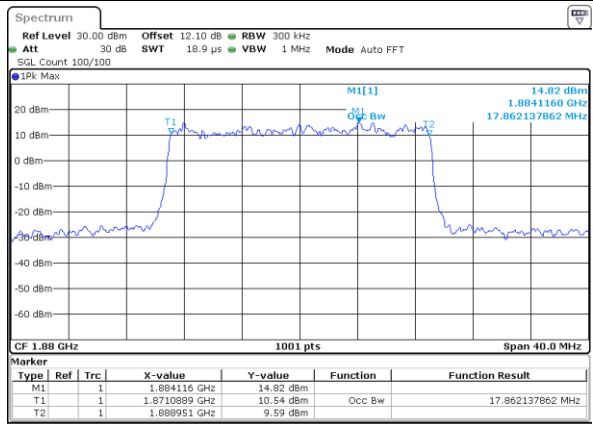
Date: 23 DEC 2020 01:36:54

Middle Channel / 20MHz / QPSK



Date: 23 DEC 2020 01:43:53

Middle Channel / 20MHz / 16QAM

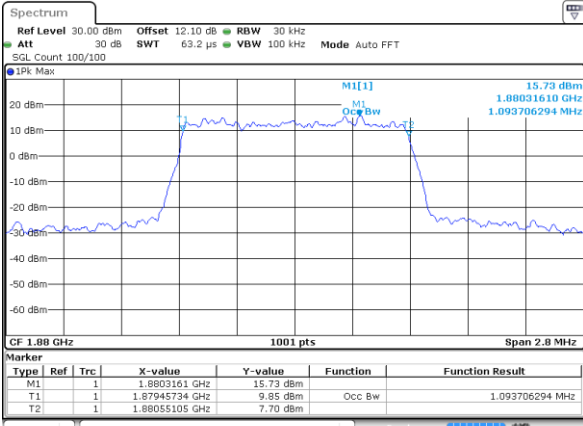


Date: 23 DEC 2020 01:44:06

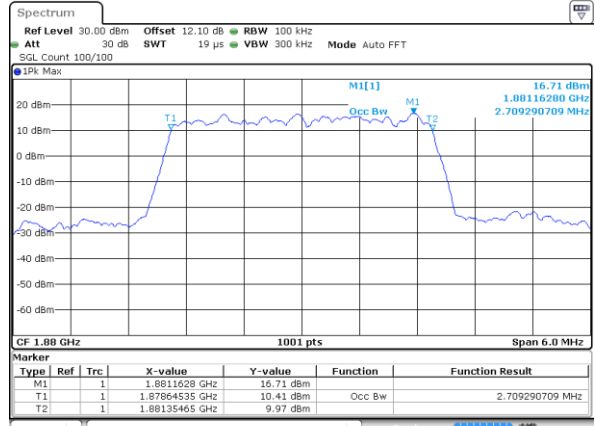


LTE Band 25

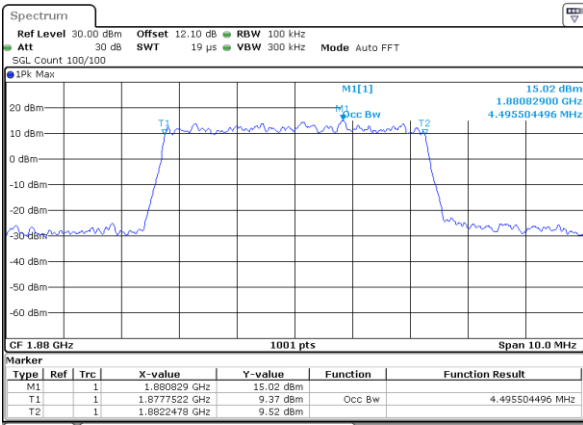
Middle Channel / 1.4MHz / 64QAM



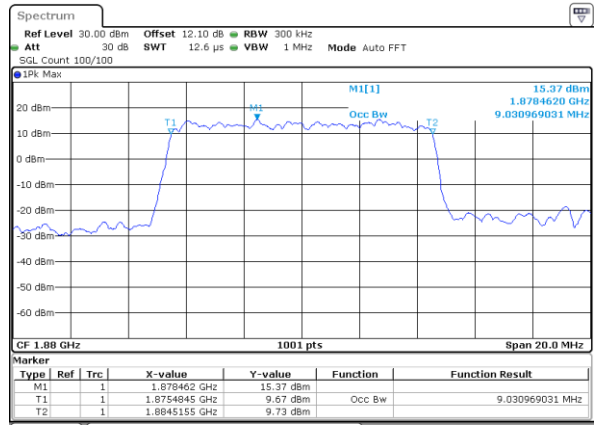
Middle Channel / 3MHz / 64QAM



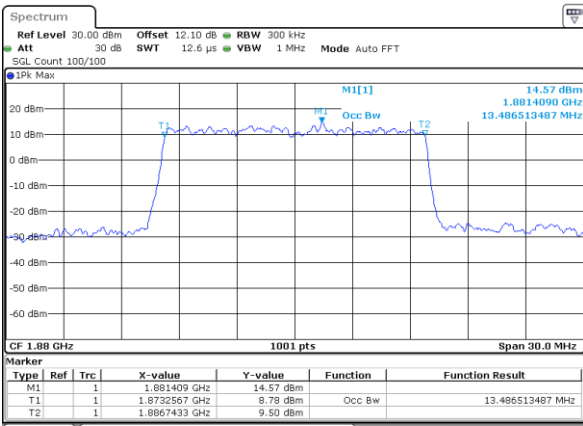
Middle Channel / 5MHz / 64QAM



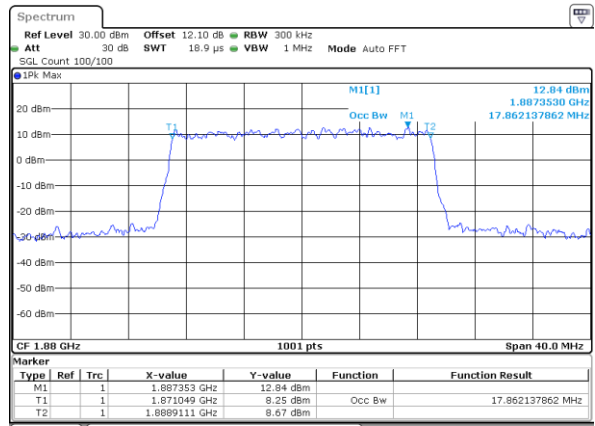
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



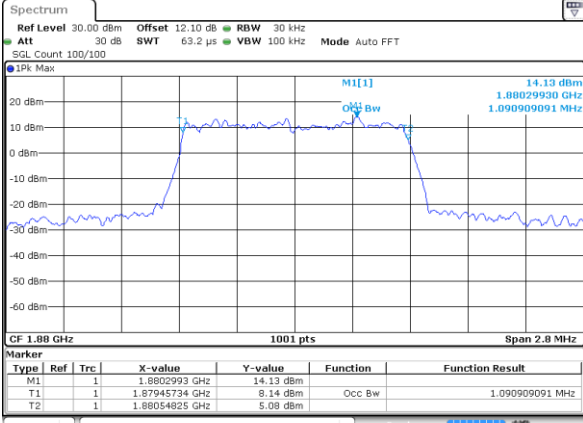
Middle Channel / 20MHz / 64QAM





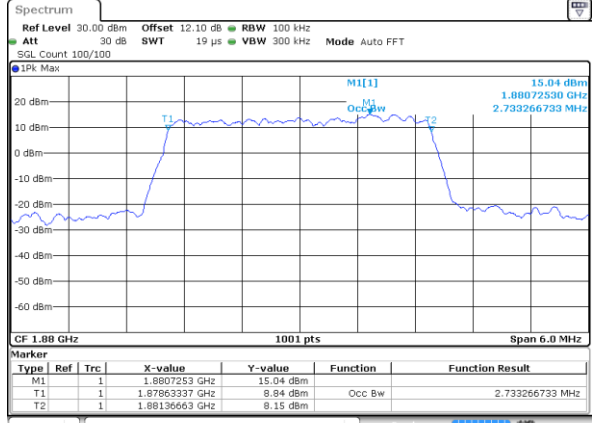
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



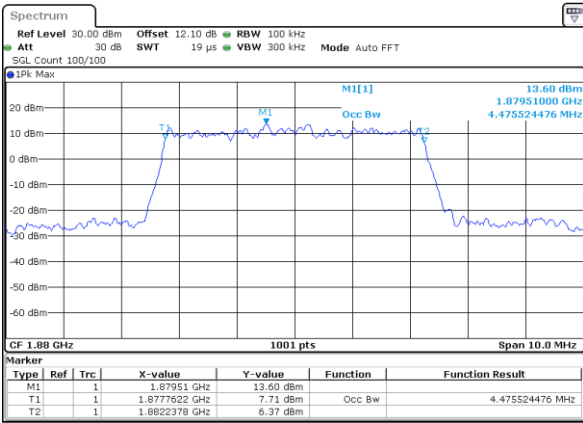
Date: 24 DEC 2020 13:07:51

Middle Channel / 3MHz / 256QAM



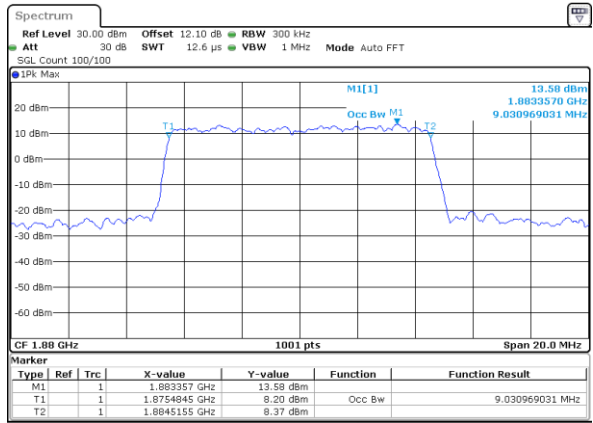
Date: 24 DEC 2020 13:10:52

Middle Channel / 5MHz / 256QAM



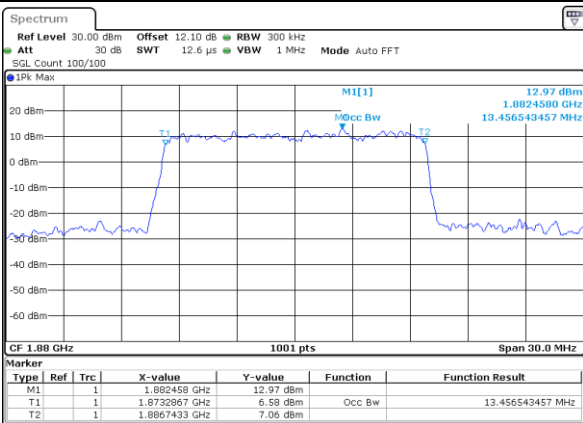
Date: 24 DEC 2020 13:14:07

Middle Channel / 10MHz / 256QAM



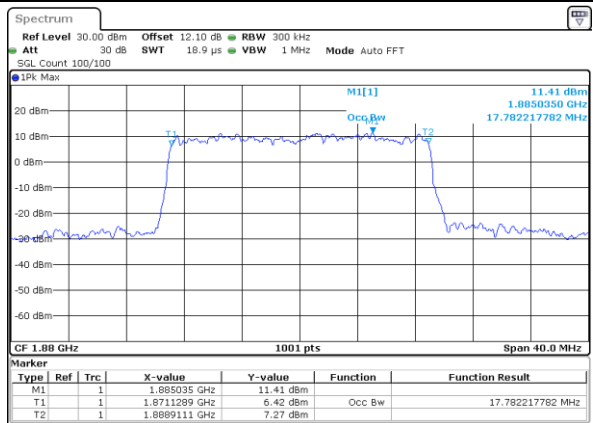
Date: 24 DEC 2020 13:17:22

Middle Channel / 15MHz / 256QAM



Date: 24 DEC 2020 13:20:30

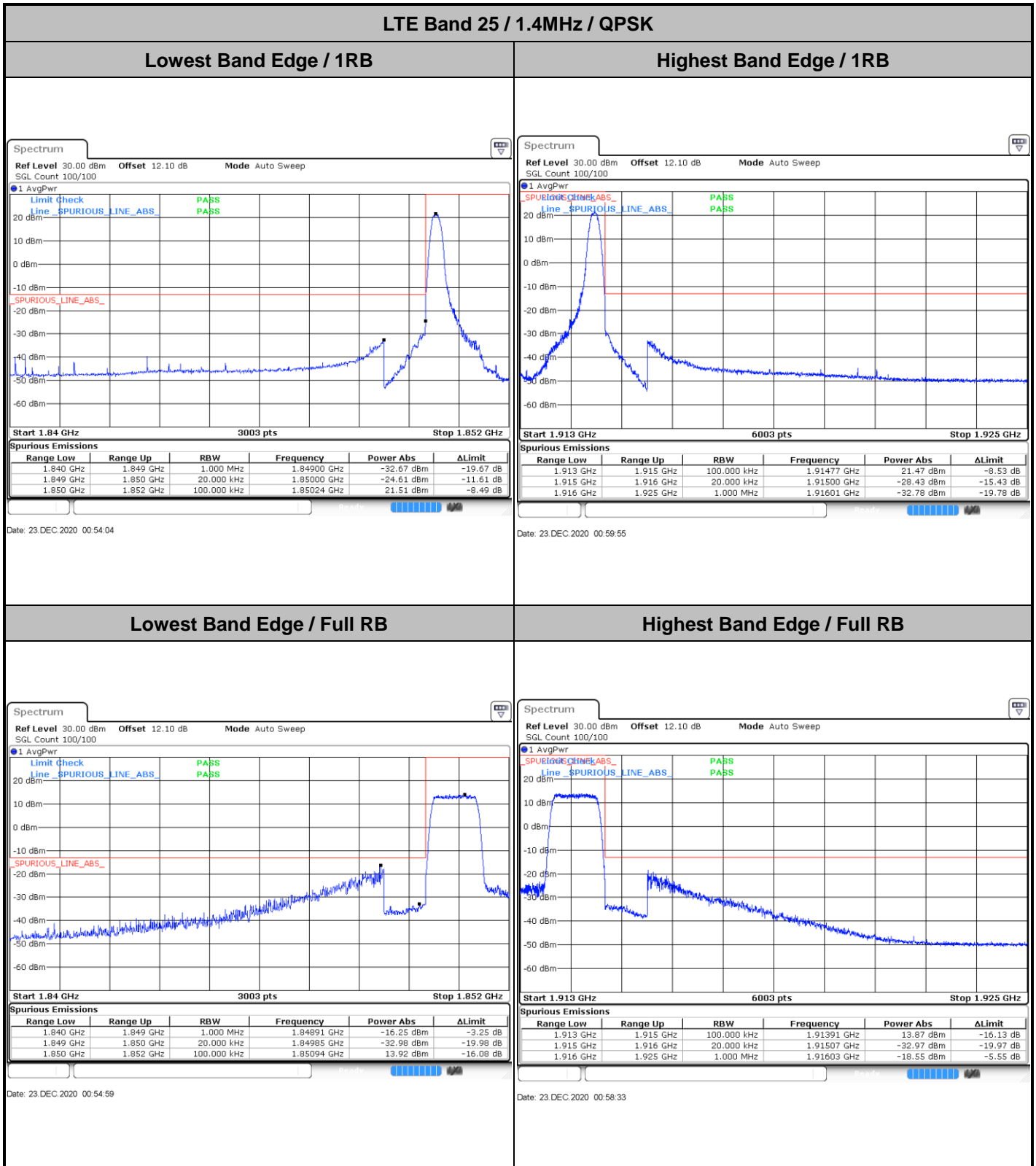
Middle Channel / 20MHz / 256QAM



Date: 24 DEC 2020 13:23:39



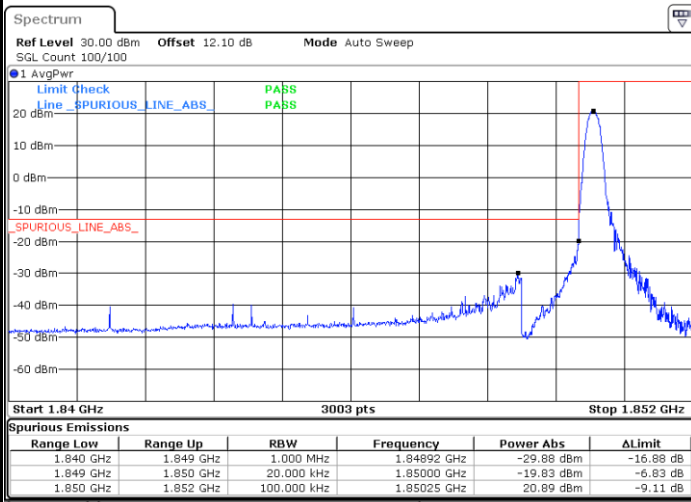
Conducted Band Edge





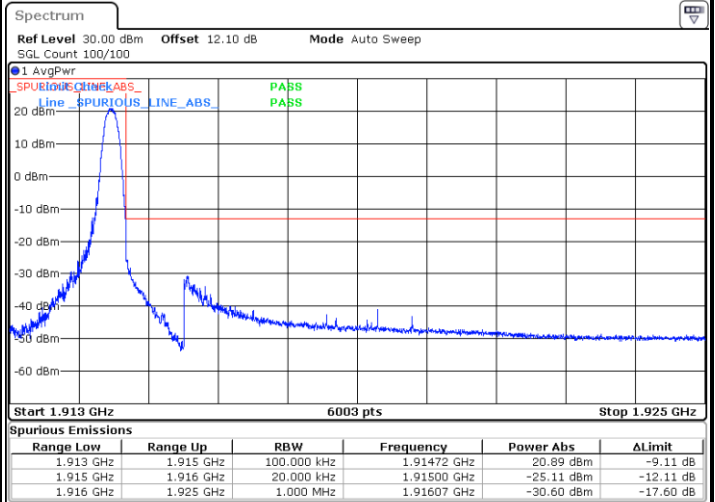
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



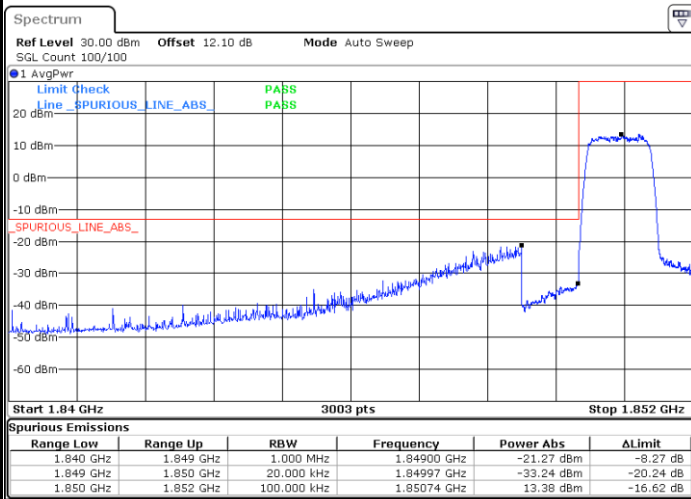
Date: 23 DEC 2020 00:54:31

Highest Band Edge / 1 RB



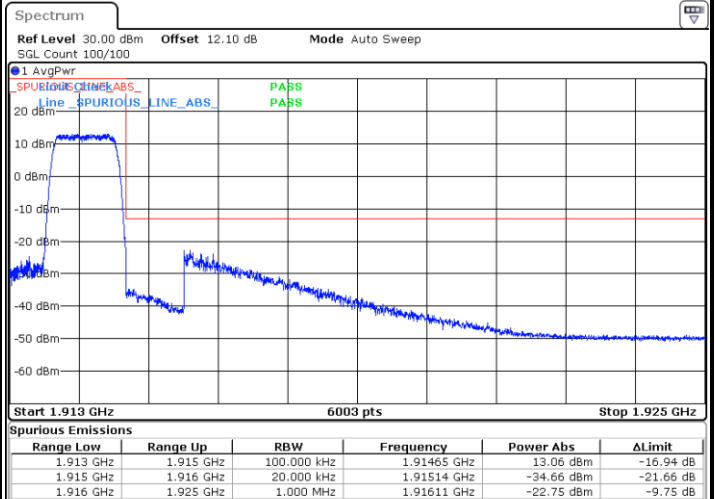
Date: 23 DEC 2020 00:59:28

Lowest Band Edge / Full RB



Date: 23 DEC 2020 00:55:26

Highest Band Edge / Full RB

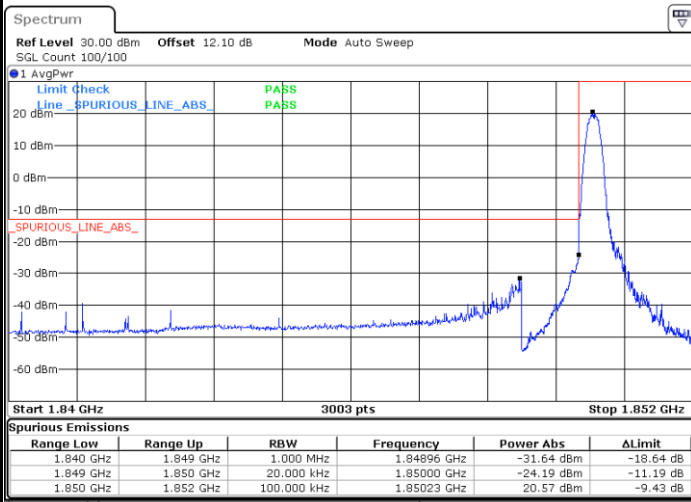


Date: 23 DEC 2020 00:59:01



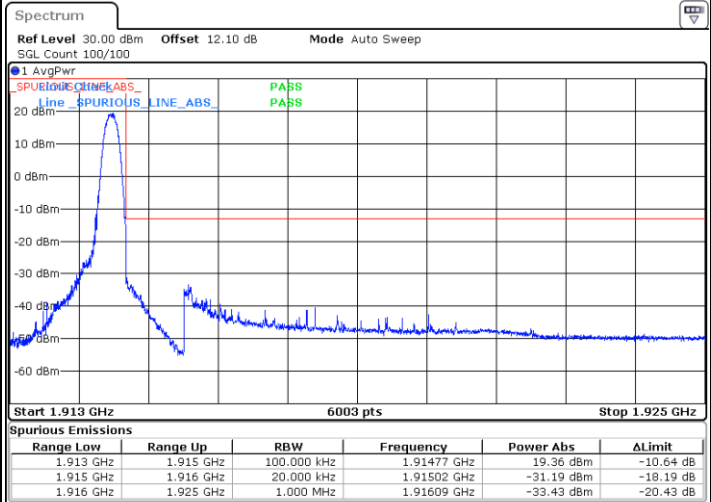
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



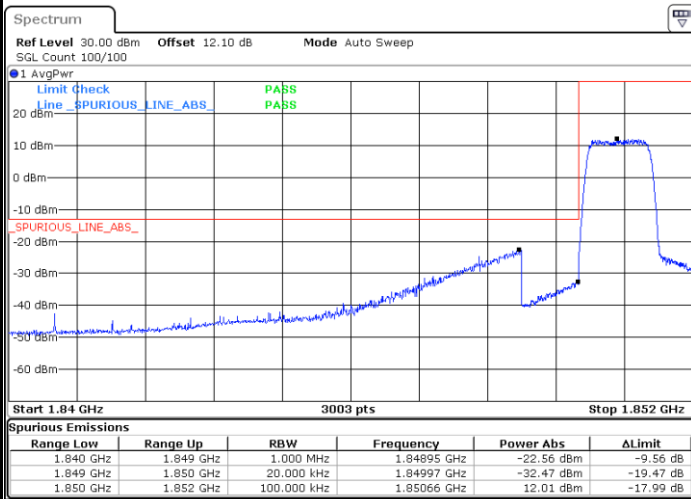
Date: 23 DEC 2020 01:01:16

Highest Band Edge / 1 RB



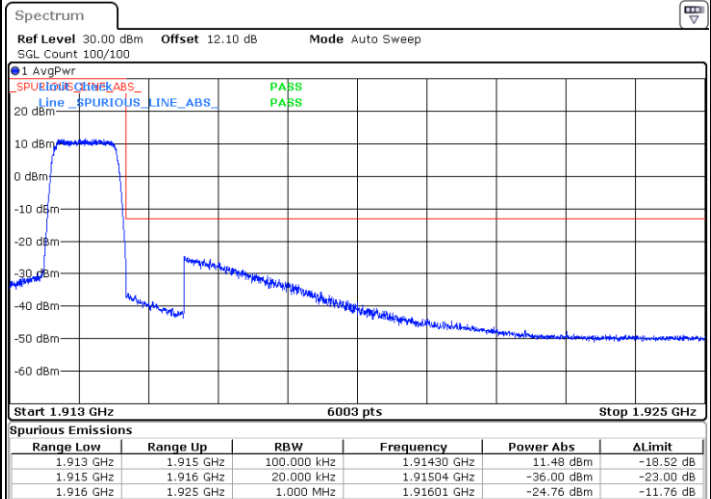
Date: 23 DEC 2020 01:03:04

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:01:43

Highest Band Edge / Full RB

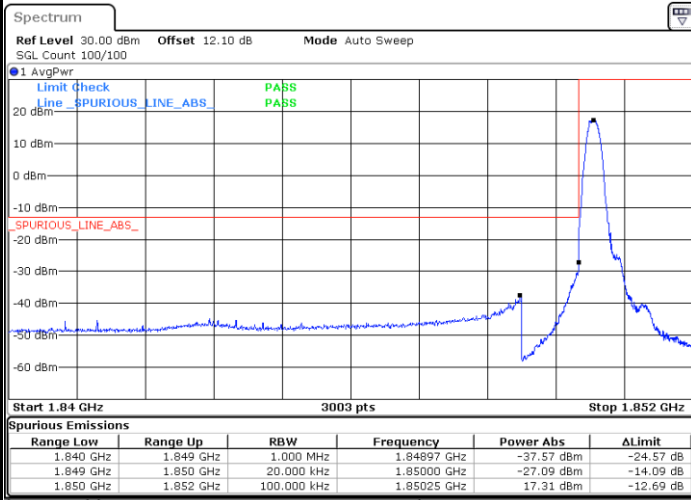


Date: 23 DEC 2020 01:02:37



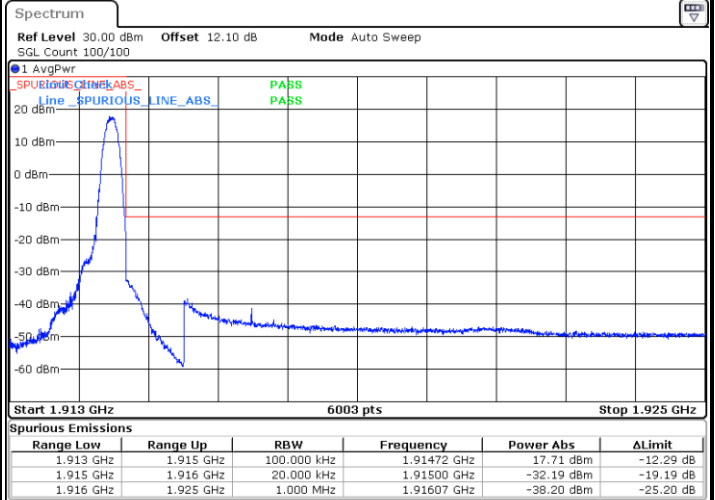
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



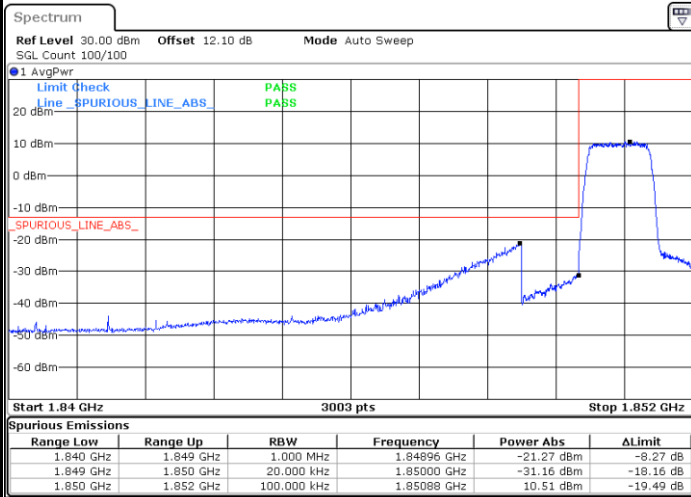
Date: 24 DEC 2020 13:06:54

Highest Band Edge / 1 RB



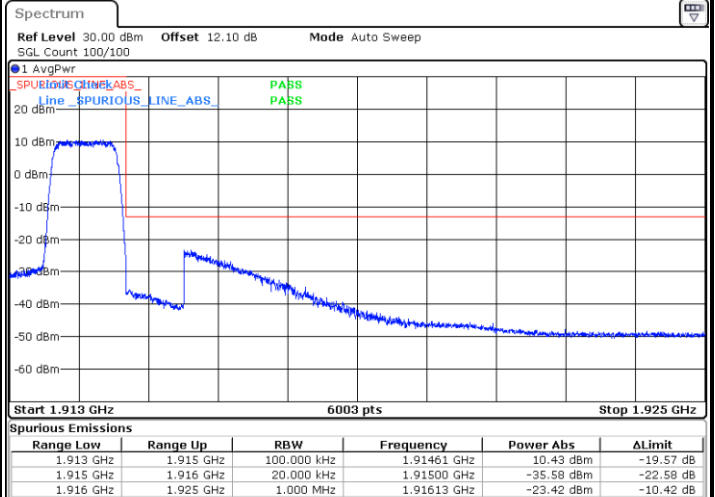
Date: 24 DEC 2020 13:09:21

Lowest Band Edge / Full RB



Date: 24 DEC 2020 13:07:27

Highest Band Edge / Full RB

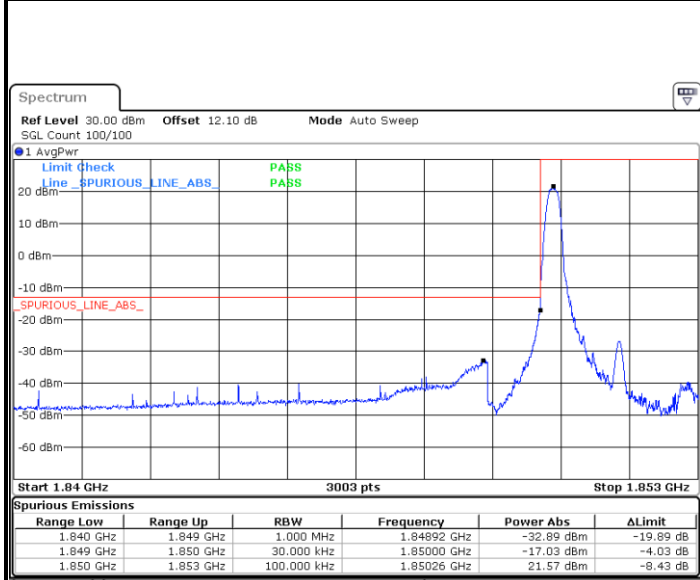


Date: 24 DEC 2020 13:08:48



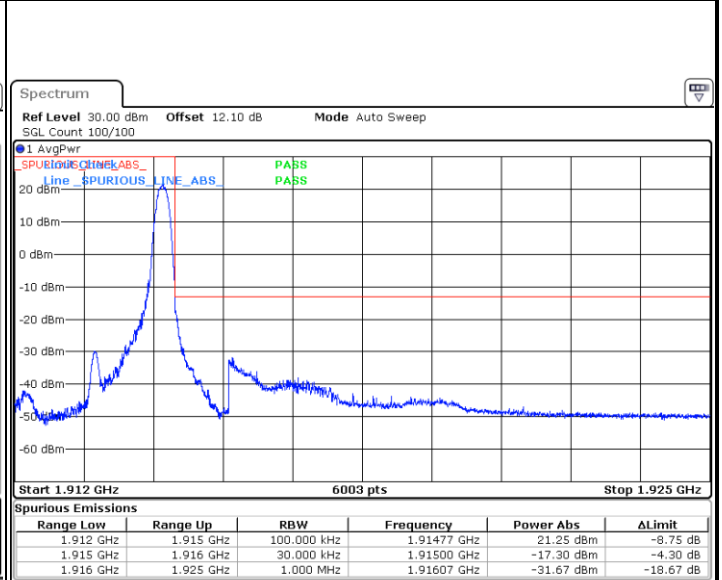
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



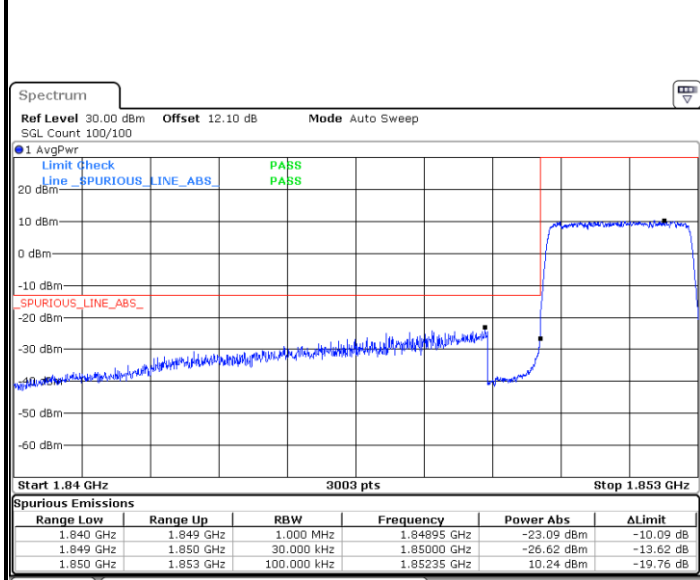
Date: 23 DEC 2020 01:05:48

Highest Band Edge / 1 RB



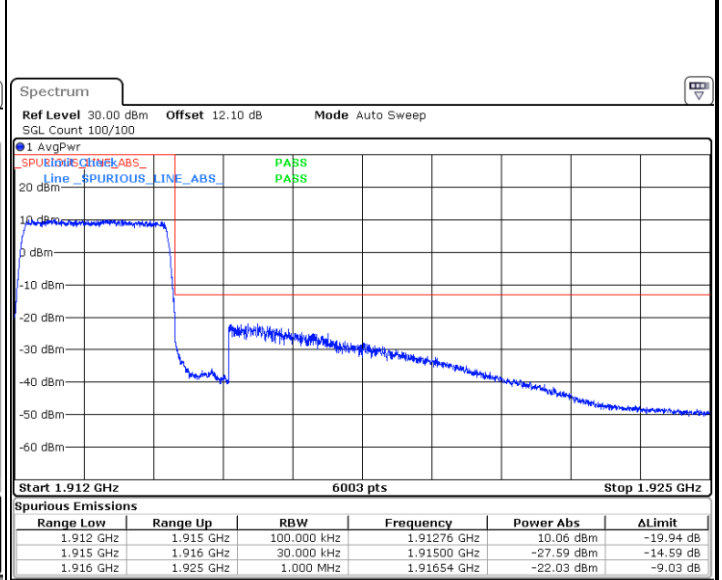
Date: 23 DEC 2020 01:11:39

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:06:43

Highest Band Edge / Full RB

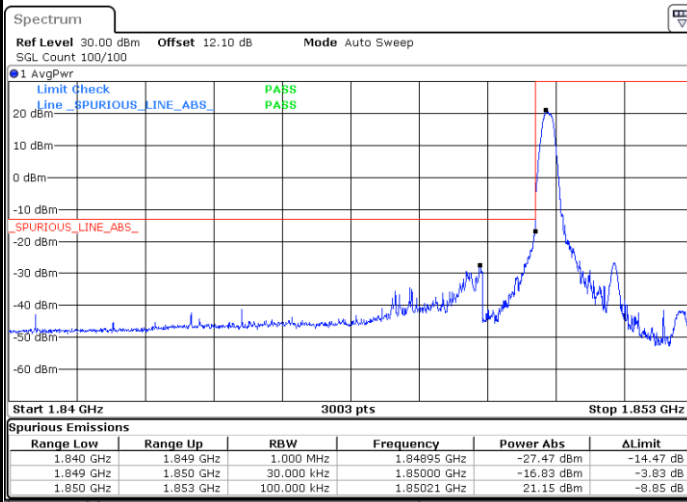


Date: 23 DEC 2020 01:10:17



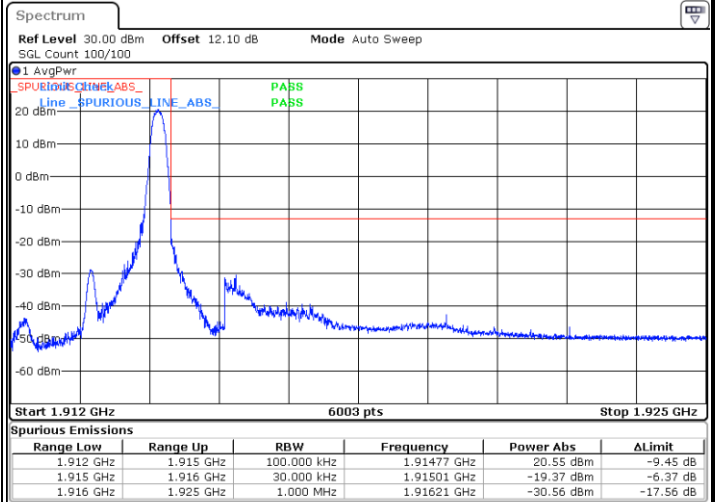
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



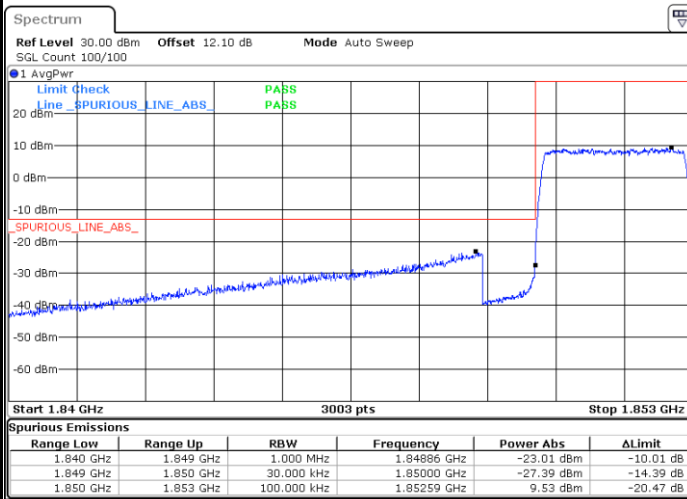
Date: 23 DEC 2020 01:06:16

Highest Band Edge / 1 RB



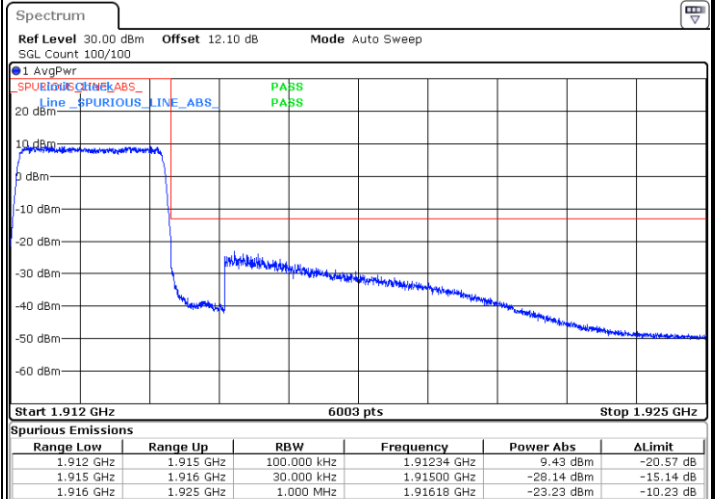
Date: 23 DEC 2020 01:11:11

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:07:10

Highest Band Edge / Full RB

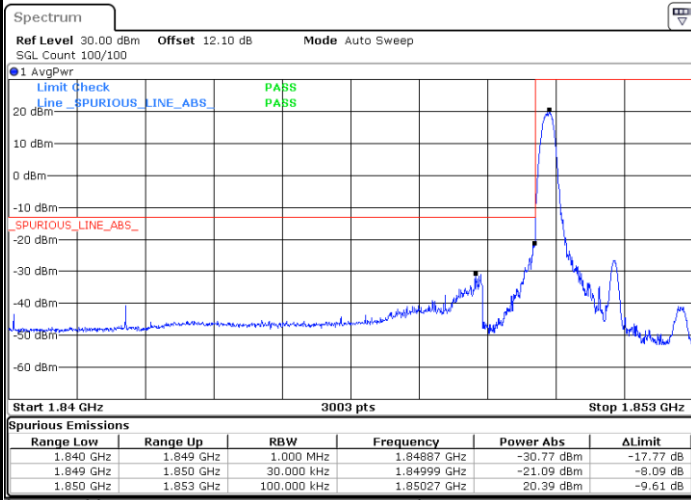


Date: 23 DEC 2020 01:10:44



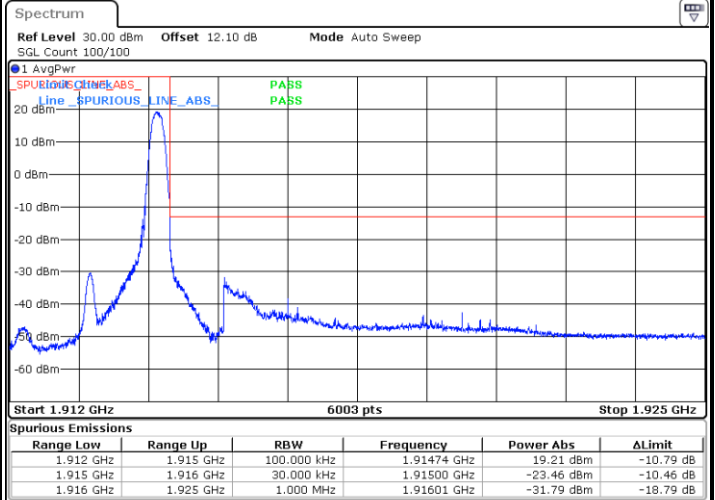
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



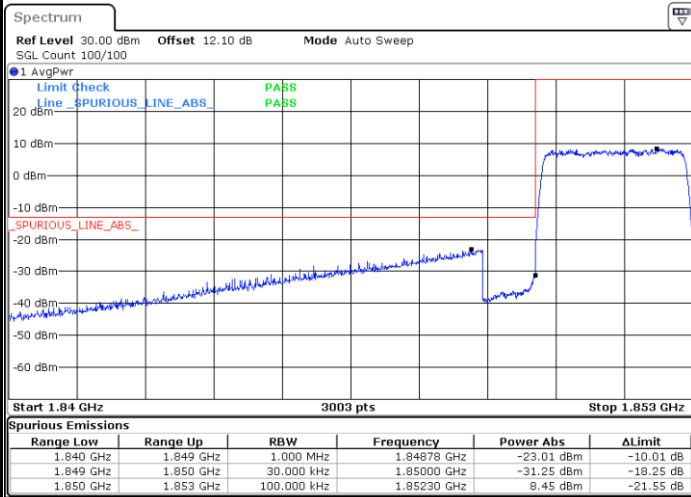
Date: 23 DEC 2020 01:03:32

Highest Band Edge / 1 RB



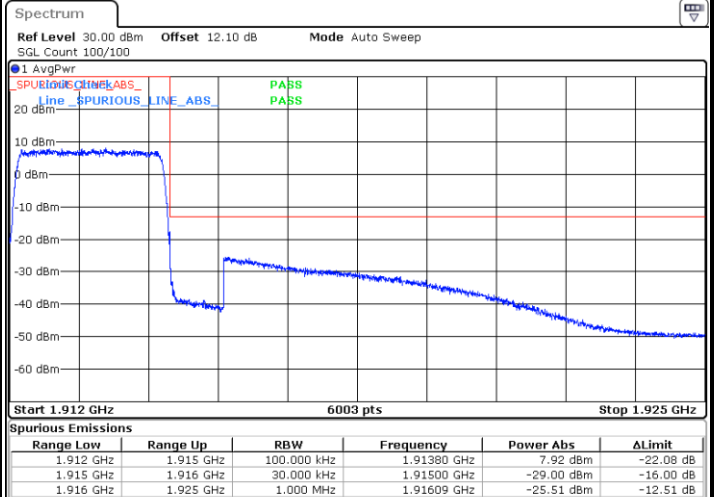
Date: 23 DEC 2020 01:05:21

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:03:59

Highest Band Edge / Full RB

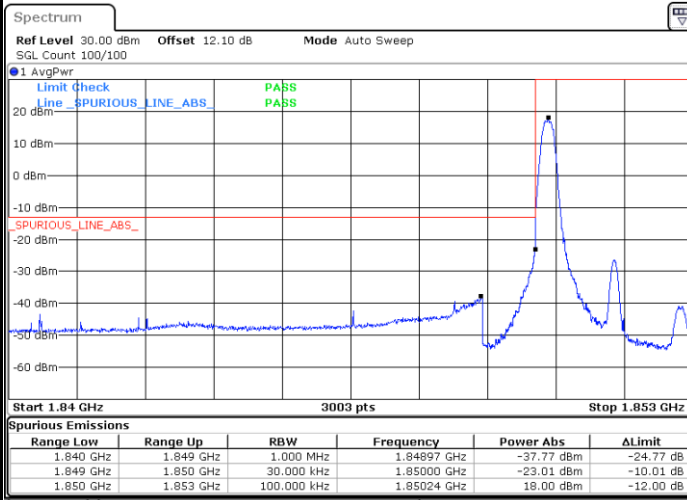


Date: 23 DEC 2020 01:04:54



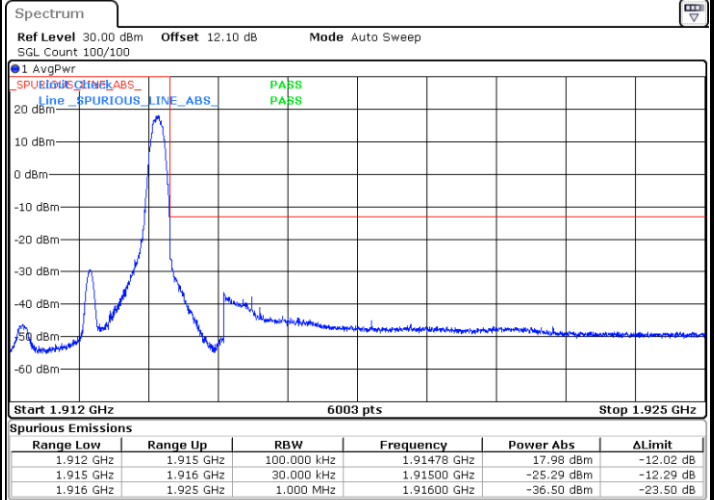
LTE Band 25 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



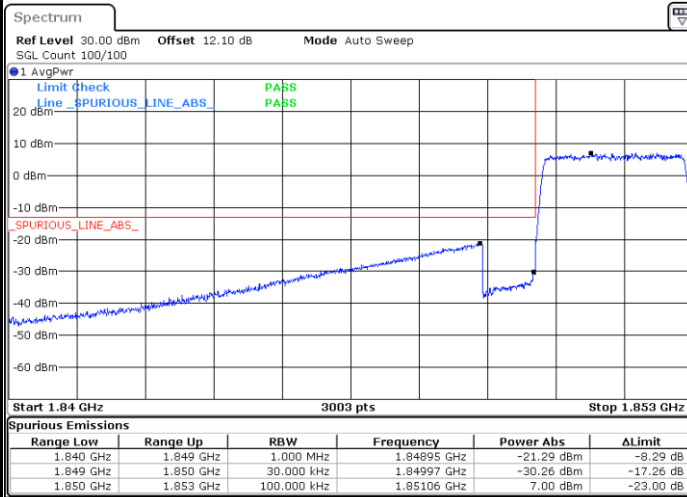
Date: 24 DEC 2020 13:09:55

Highest Band Edge / 1 RB



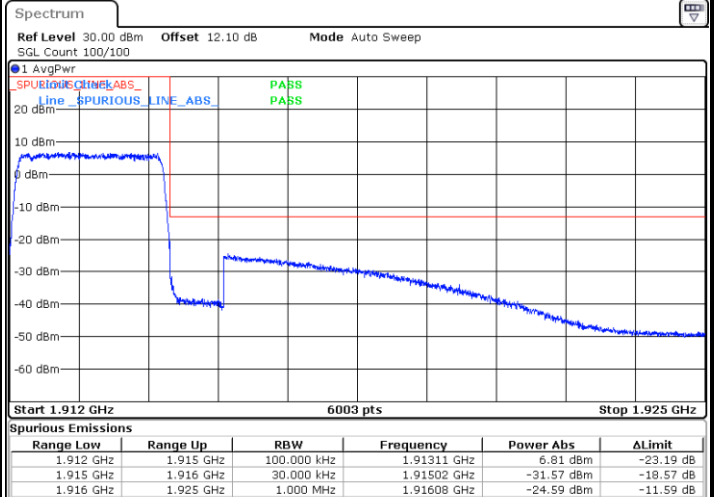
Date: 24 DEC 2020 13:12:29

Lowest Band Edge / Full RB



Date: 24 DEC 2020 13:10:28

Highest Band Edge / Full RB

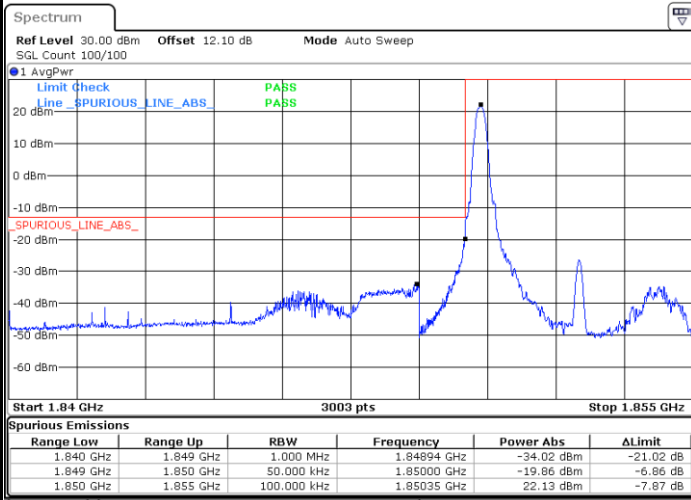


Date: 24 DEC 2020 16:19:48



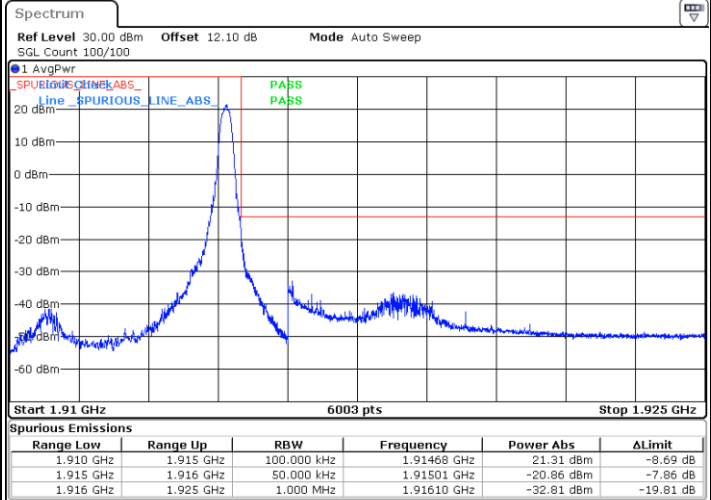
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



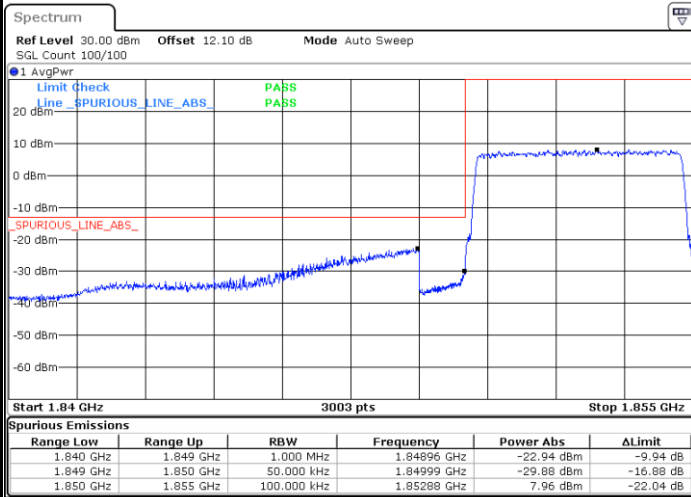
Date: 23 DEC 2020 01:12:59

Highest Band Edge / 1 RB



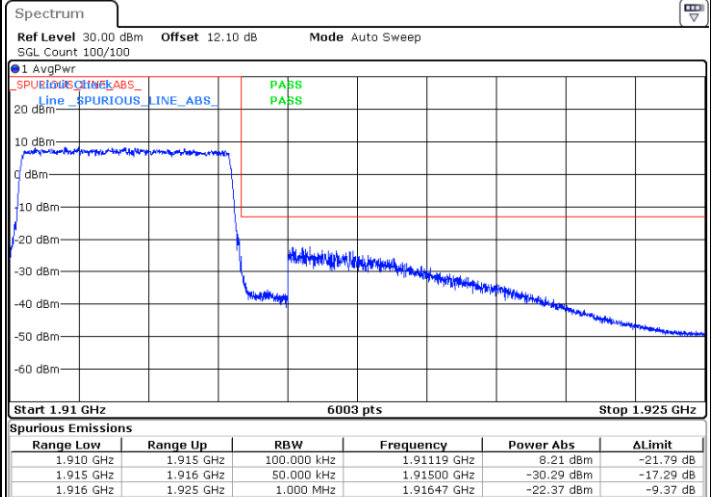
Date: 23 DEC 2020 01:18:51

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:13:54

Highest Band Edge / Full RB

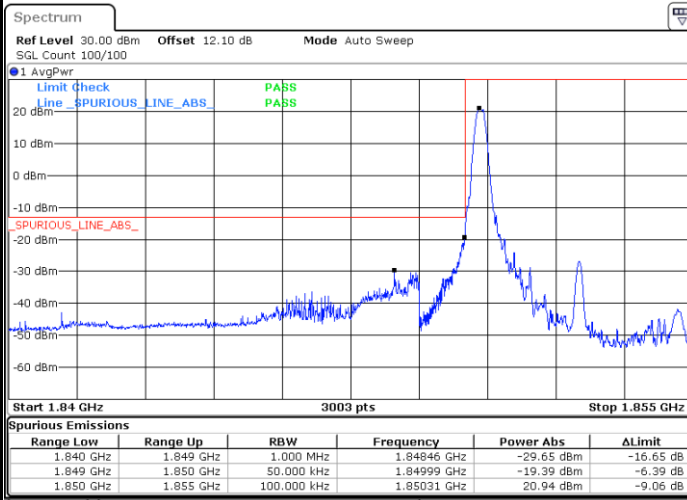


Date: 23 DEC 2020 01:17:28



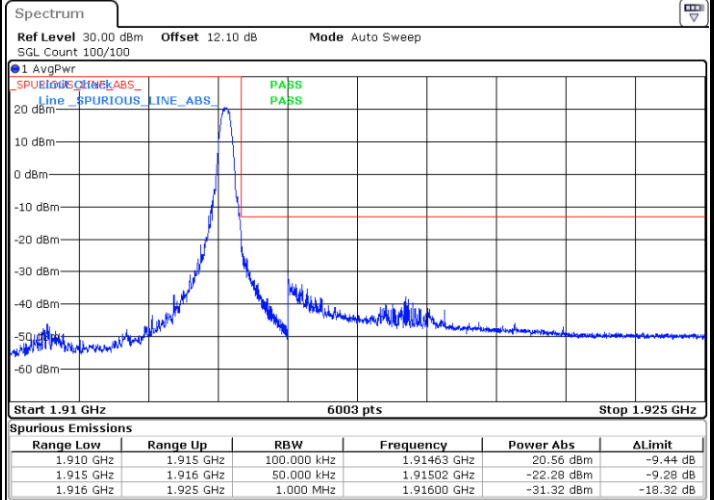
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



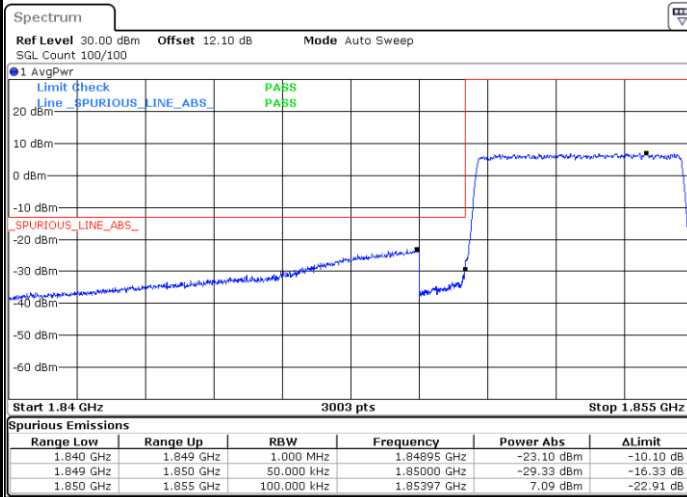
Date: 23 DEC 2020 01:13:26

Highest Band Edge / 1 RB



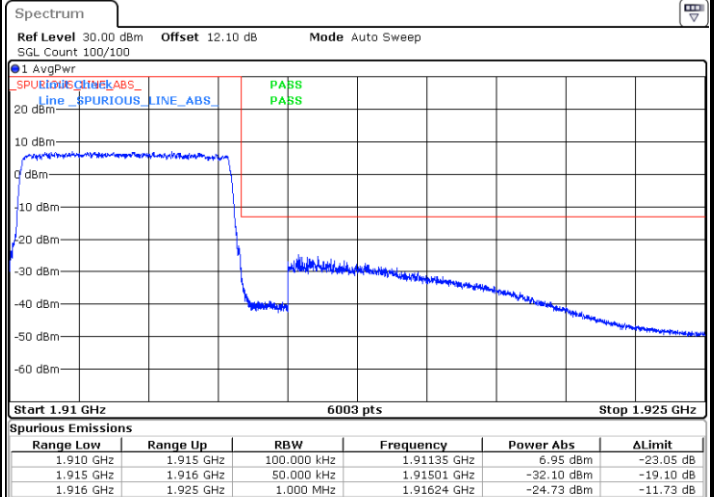
Date: 23 DEC 2020 01:18:23

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:14:21

Highest Band Edge / Full RB

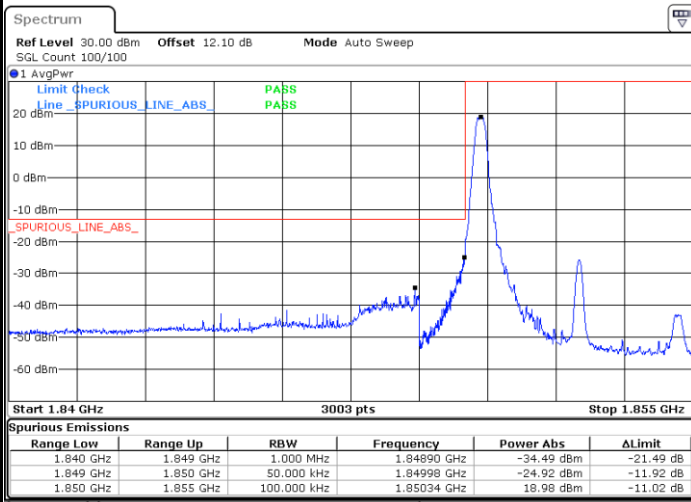


Date: 23 DEC 2020 01:17:56



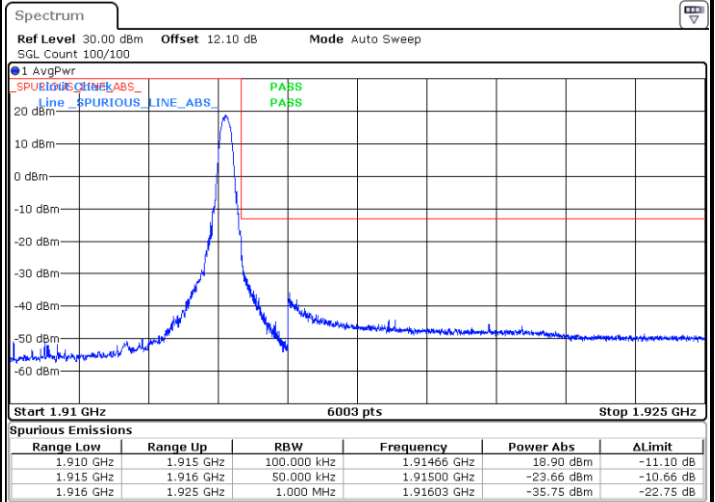
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



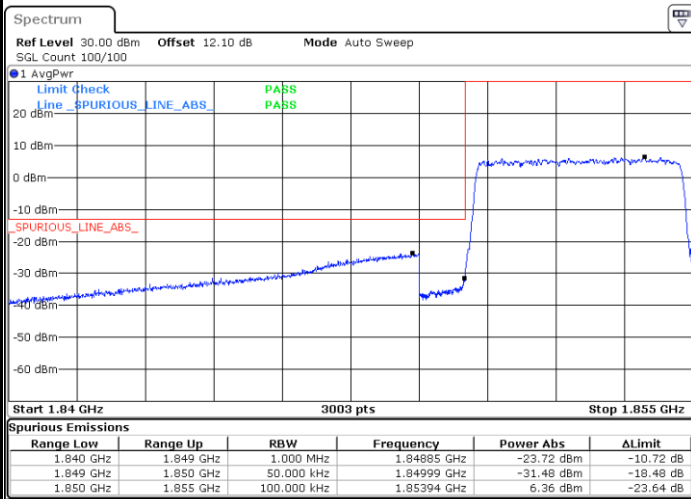
Date: 23 DEC 2020 01:20:11

Highest Band Edge / 1 RB



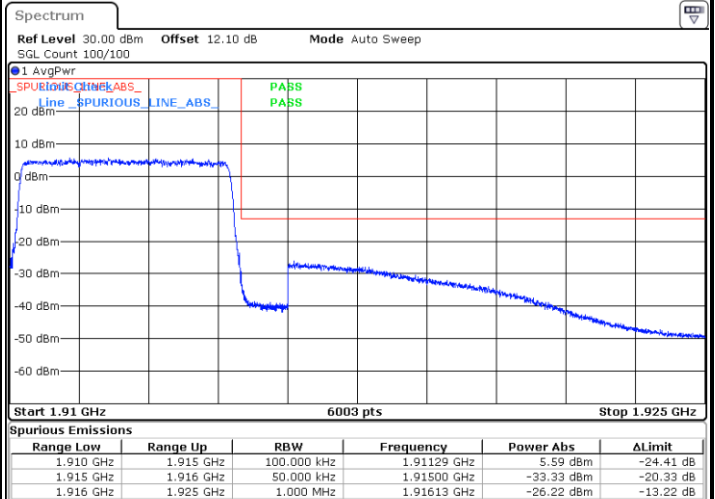
Date: 23 DEC 2020 01:22:00

Lowest Band Edge / Full RB



Date: 23 DEC 2020 01:20:38

Highest Band Edge / Full RB



Date: 23 DEC 2020 01:21:32