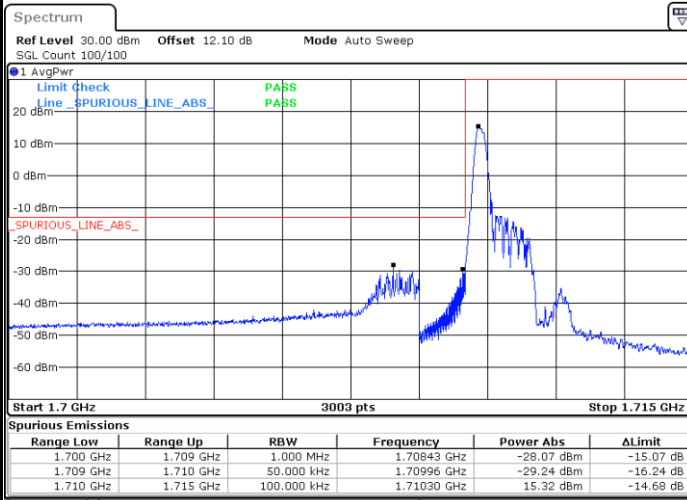




LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



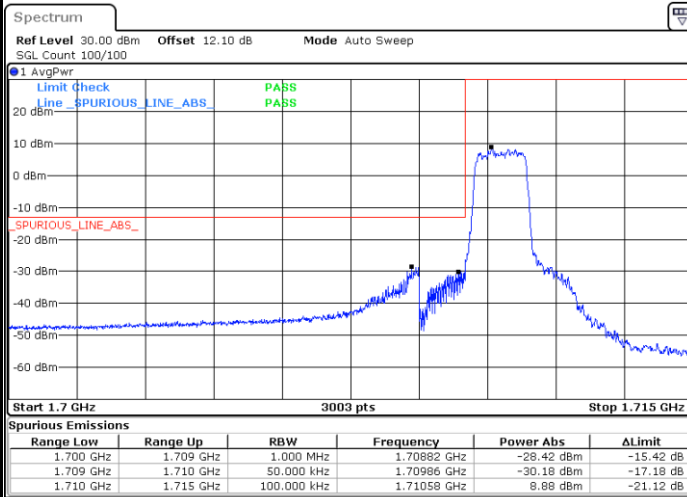
Date: 9.JUL.2020 15:02:16

Highest Band Edge / 1 RB



Date: 9.JUL.2020 15:05:27

Lowest Band Edge / Full RB



Date: 9.JUL.2020 15:00:24

Highest Band Edge / Full RB

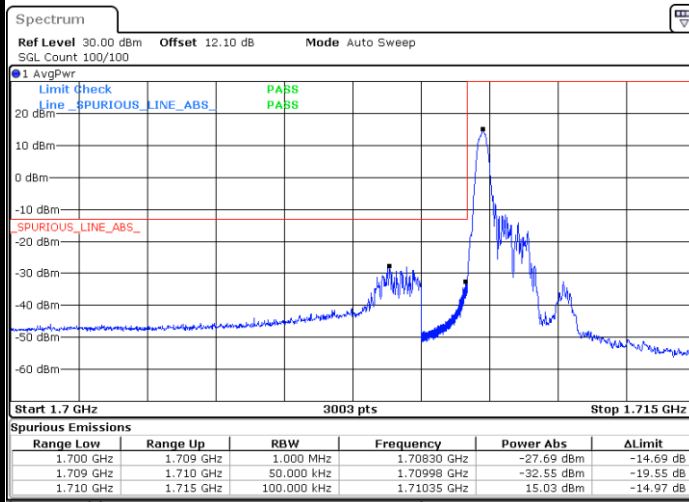


Date: 9.JUL.2020 15:06:27



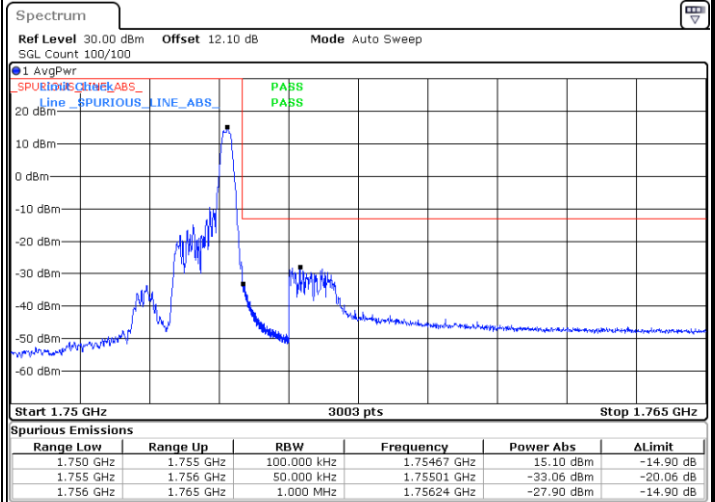
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



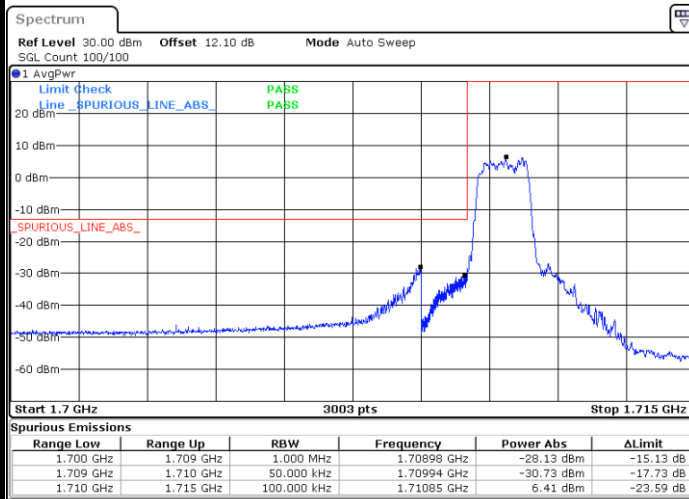
Date: 9.JUL.2020 15:01:52

Highest Band Edge / 1 RB



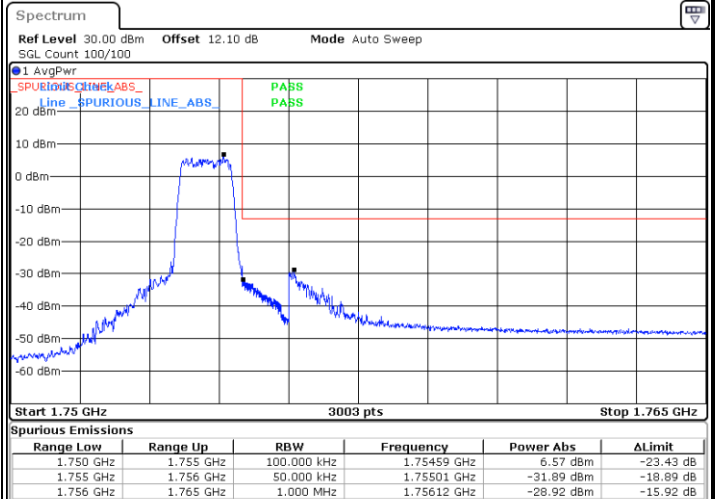
Date: 9.JUL.2020 15:04:56

Lowest Band Edge / Full RB



Date: 9.JUL.2020 15:01:09

Highest Band Edge / Full RB

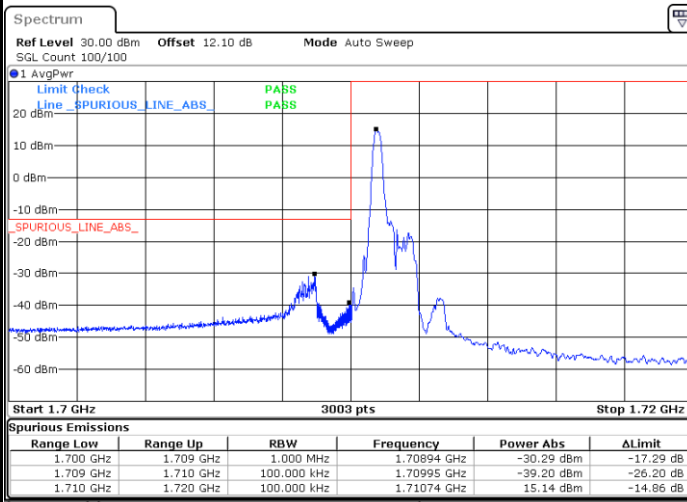


Date: 9.JUL.2020 15:06:55



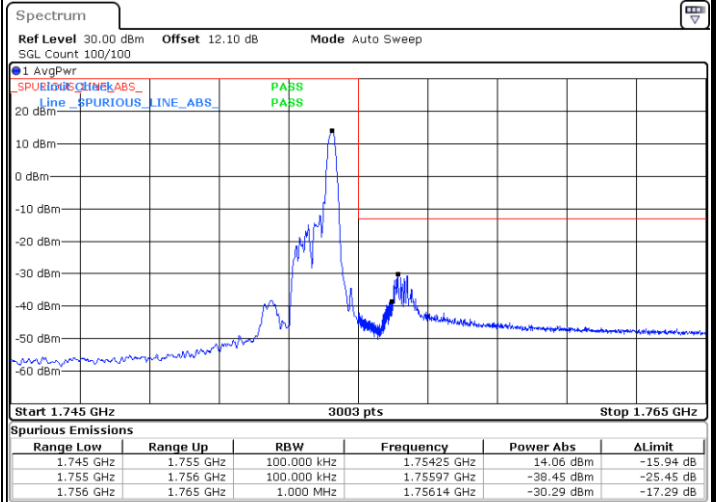
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



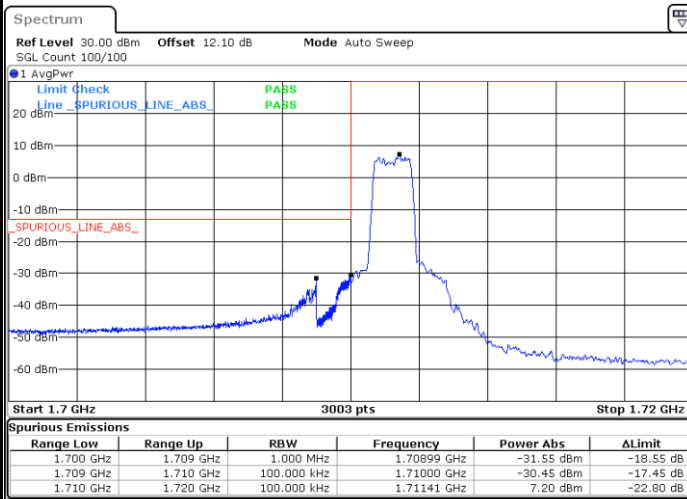
Date: 11.JUL.2020 09:44:19

Highest Band Edge / 1 RB



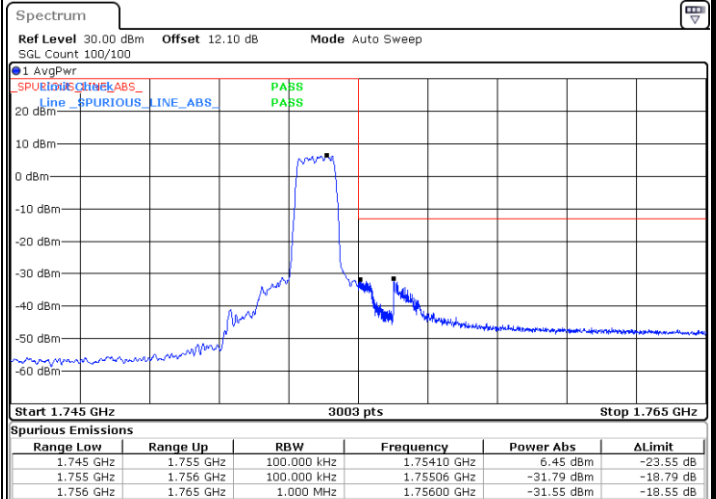
Date: 11.JUL.2020 10:01:29

Lowest Band Edge / Full RB



Date: 11.JUL.2020 09:48:41

Highest Band Edge / Full RB

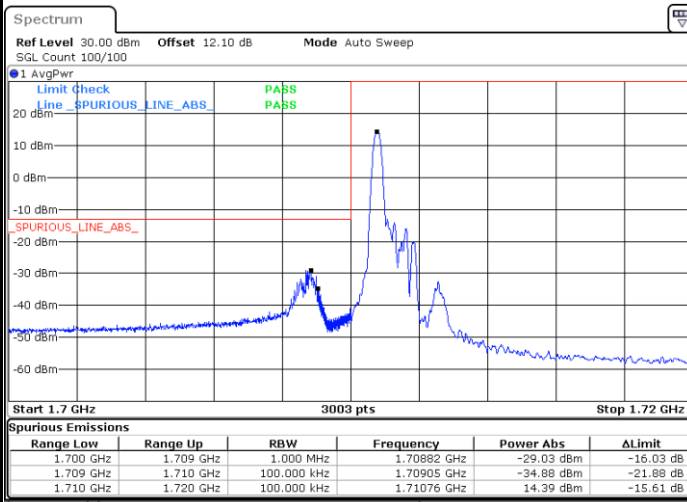


Date: 11.JUL.2020 10:00:15



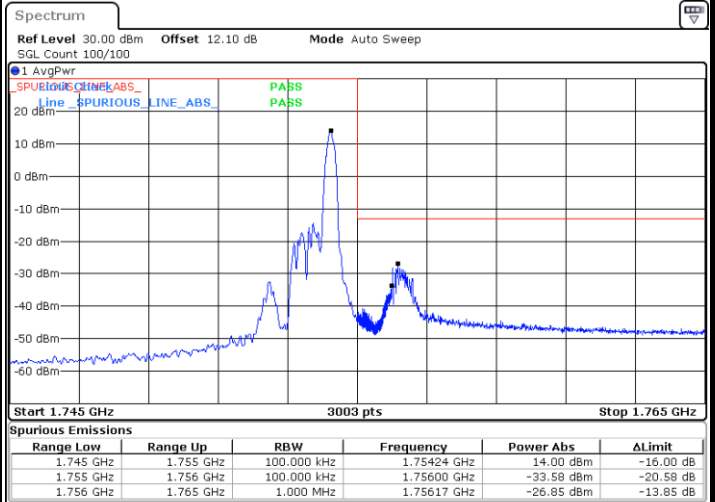
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



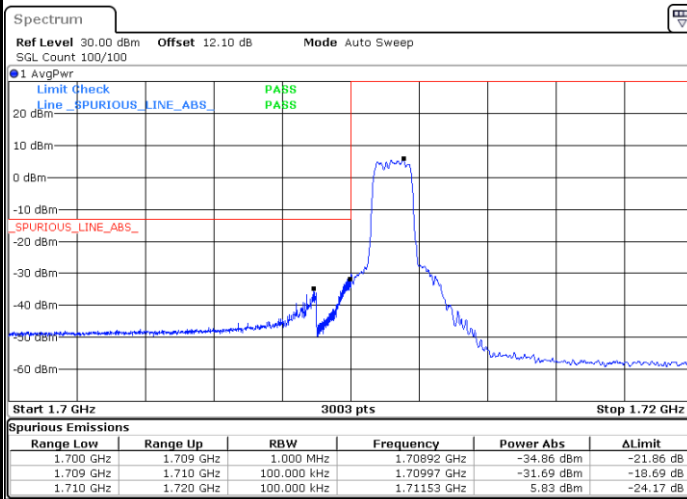
Date: 11.JUL.2020 09:49:53

Highest Band Edge / 1 RB



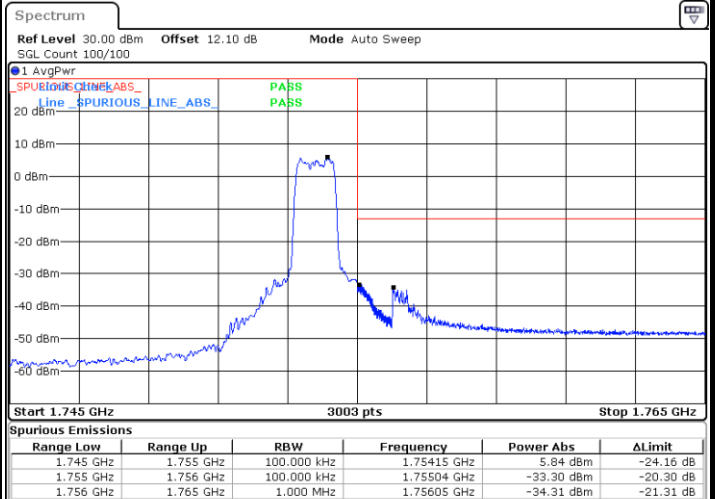
Date: 11.JUL.2020 09:58:53

Lowest Band Edge / Full RB



Date: 11.JUL.2020 09:49:31

Highest Band Edge / Full RB

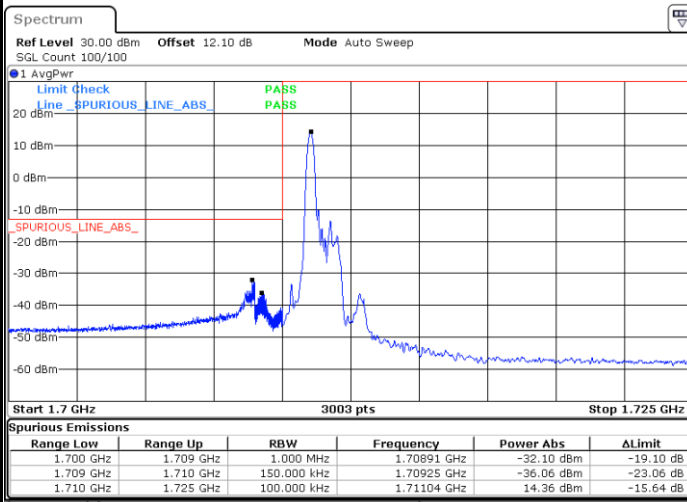


Date: 11.JUL.2020 09:59:12



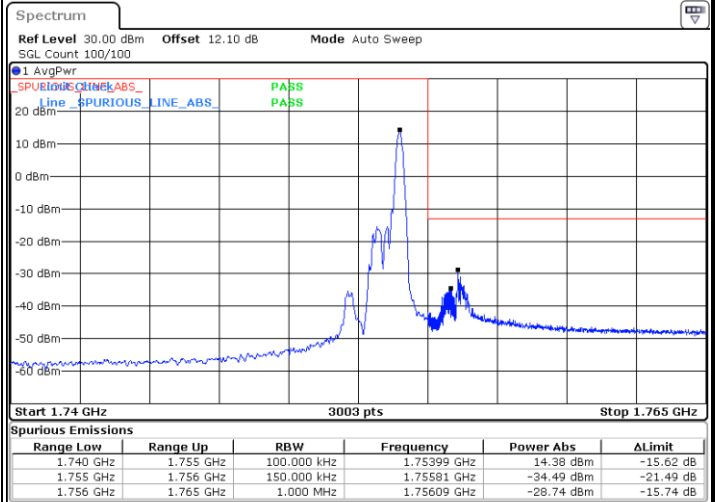
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



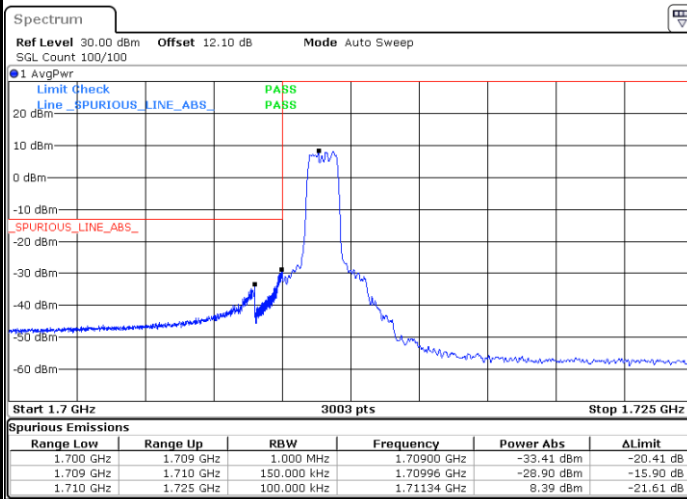
Date: 11.JUL.2020 10:45:52

Highest Band Edge / 1 RB



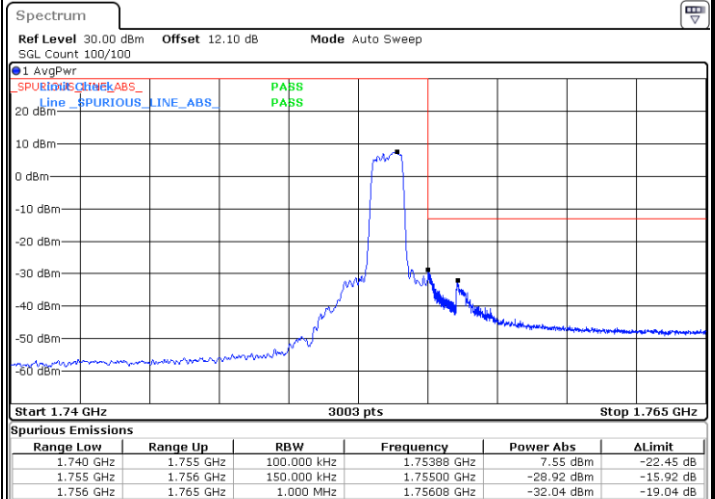
Date: 11.JUL.2020 10:43:36

Lowest Band Edge / Full RB



Date: 11.JUL.2020 10:45:34

Highest Band Edge / Full RB

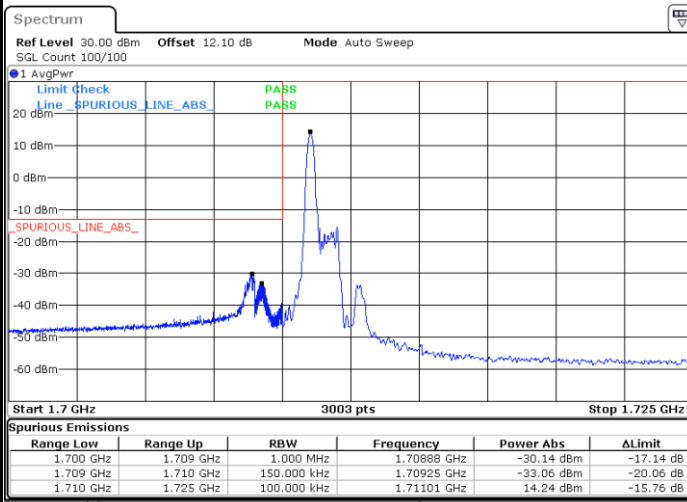


Date: 11.JUL.2020 10:43:51



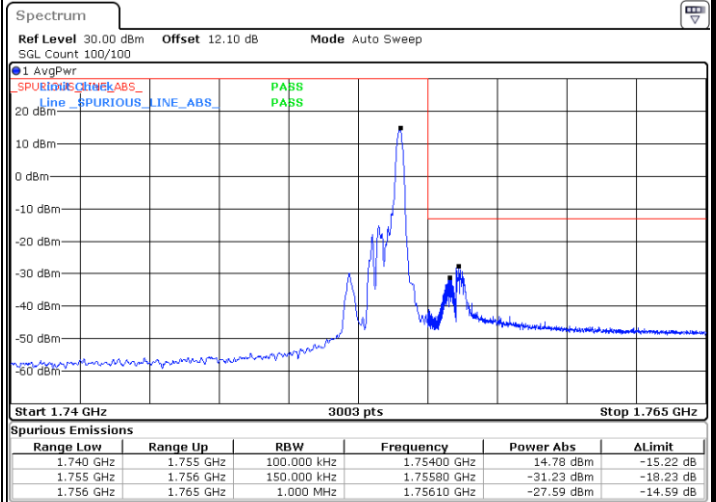
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



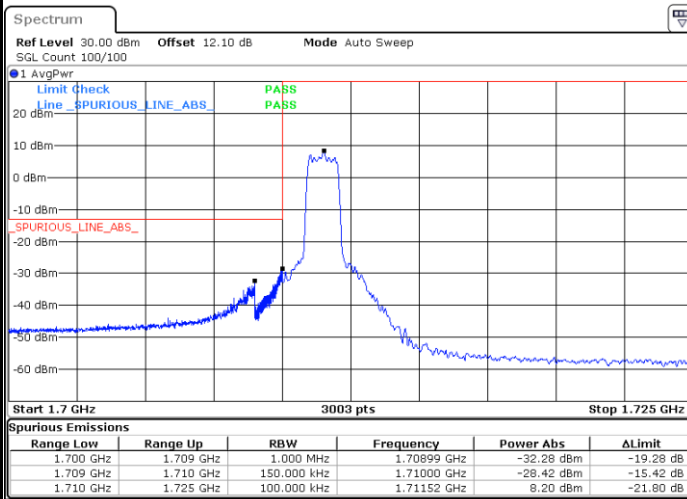
Date: 11.JUL.2020 10:48:05

Highest Band Edge / 1 RB



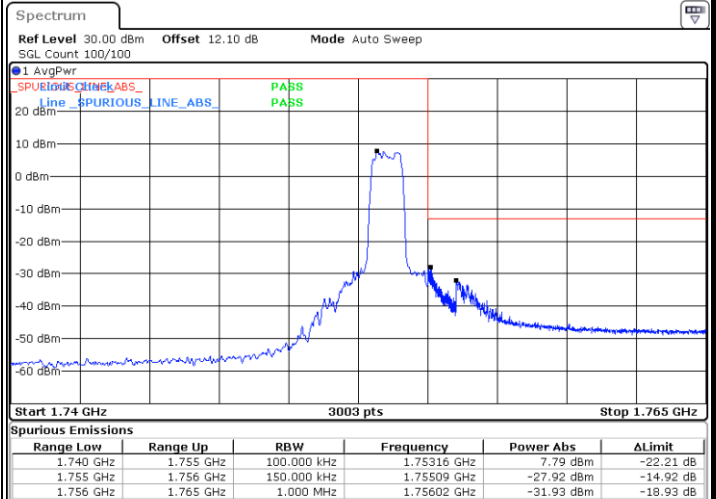
Date: 11.JUL.2020 10:41:35

Lowest Band Edge / Full RB



Date: 11.JUL.2020 10:48:36

Highest Band Edge / Full RB

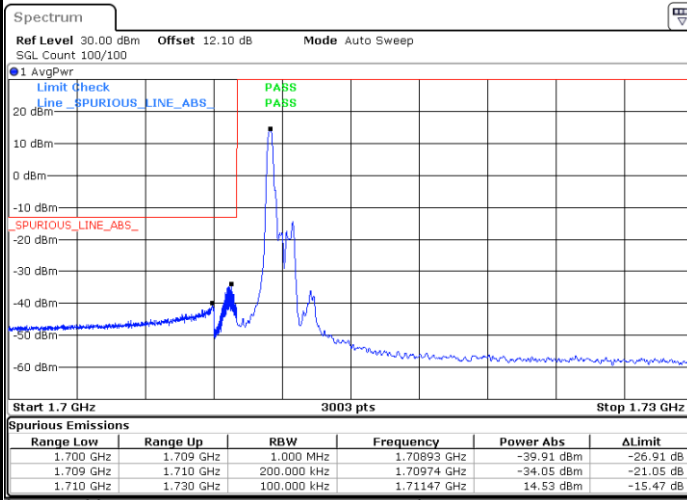


Date: 11.JUL.2020 10:41:07



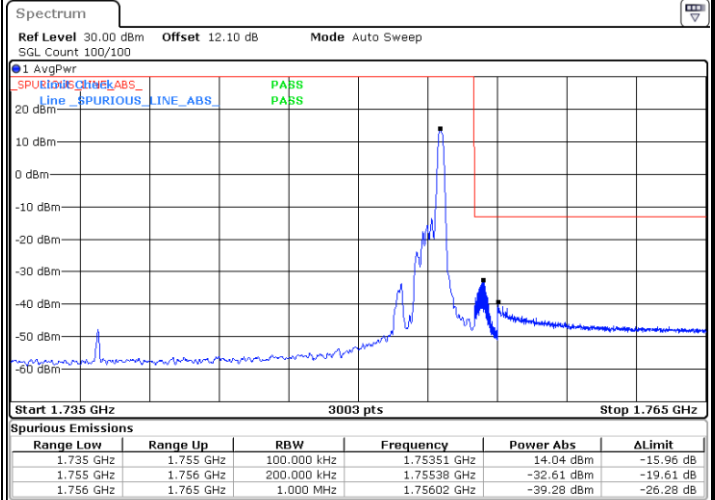
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



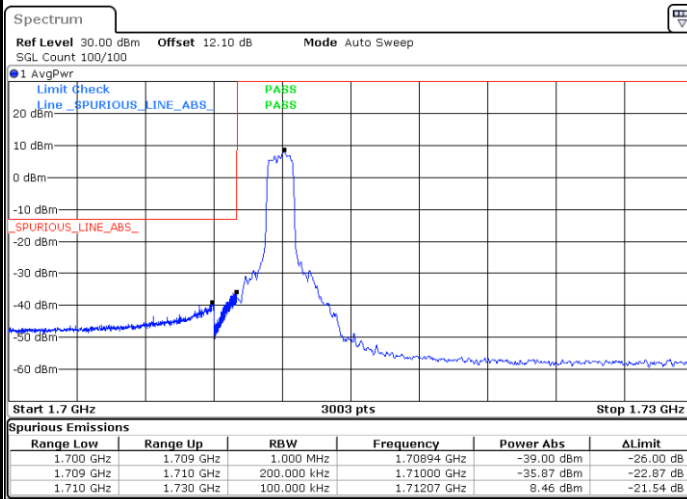
Date: 11.JUL.2020 10:27:59

Highest Band Edge / 1 RB



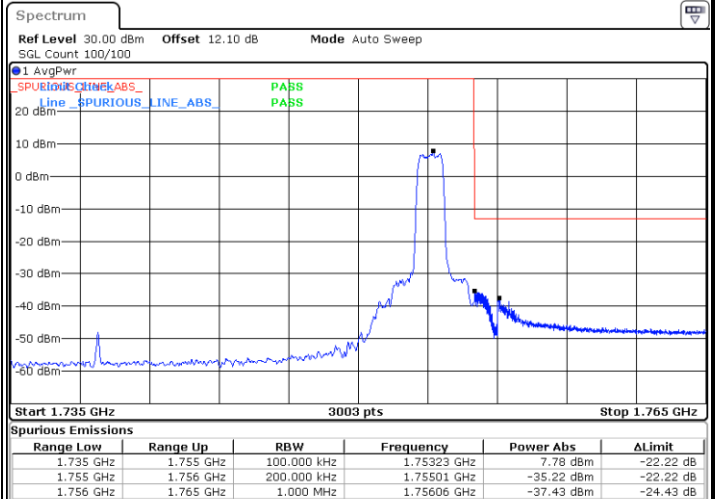
Date: 11.JUL.2020 10:36:31

Lowest Band Edge / Full RB



Date: 11.JUL.2020 10:27:17

Highest Band Edge / Full RB

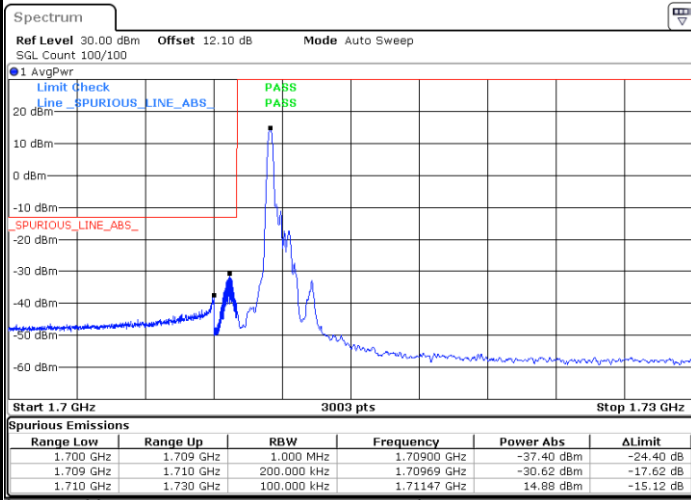


Date: 11.JUL.2020 10:34:24



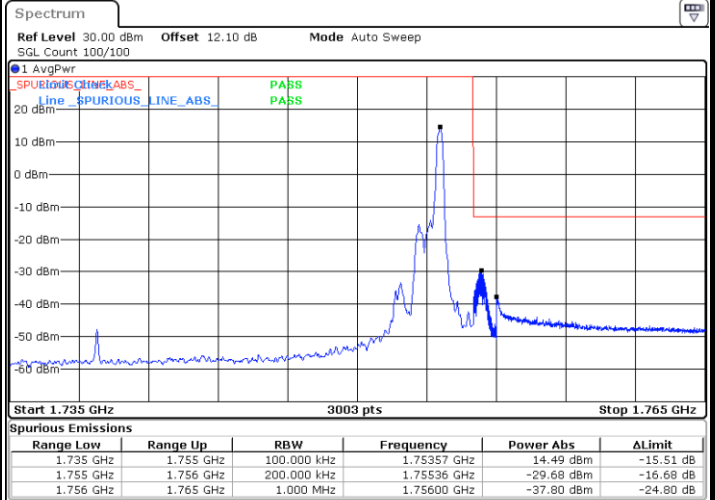
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



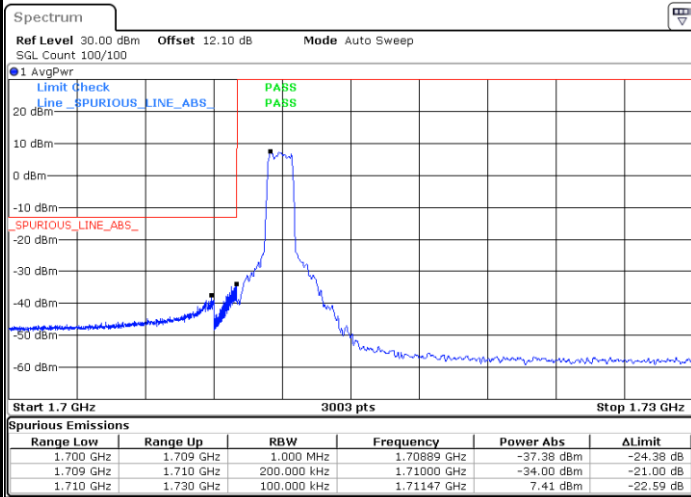
Date: 11.JUL.2020 10:30:34

Highest Band Edge / 1 RB



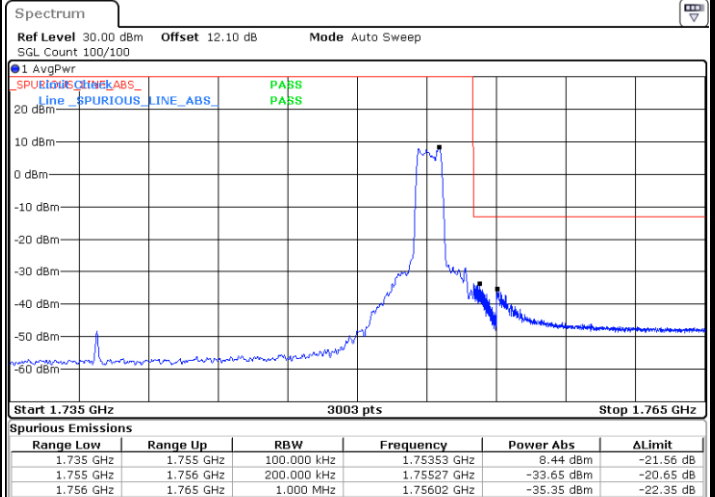
Date: 11.JUL.2020 10:36:53

Lowest Band Edge / Full RB



Date: 11.JUL.2020 10:30:54

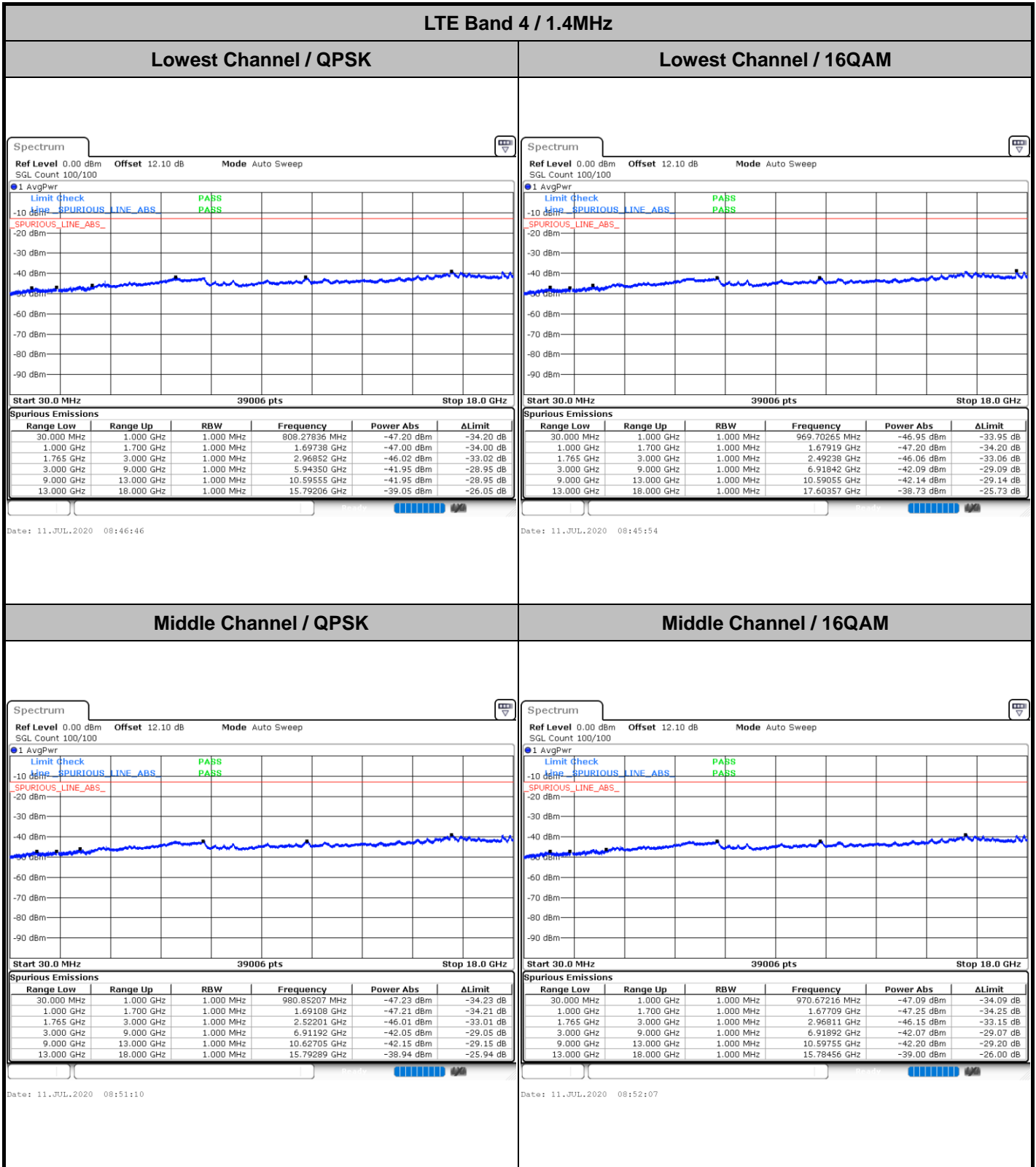
Highest Band Edge / Full RB



Date: 11.JUL.2020 10:37:14



Conducted Spurious Emission

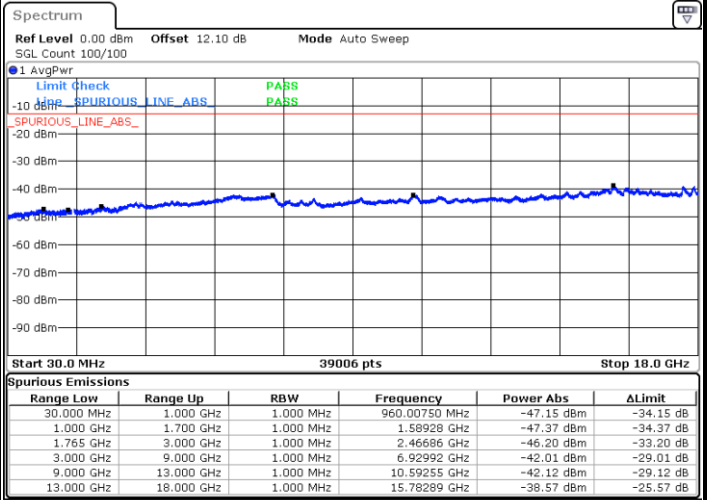
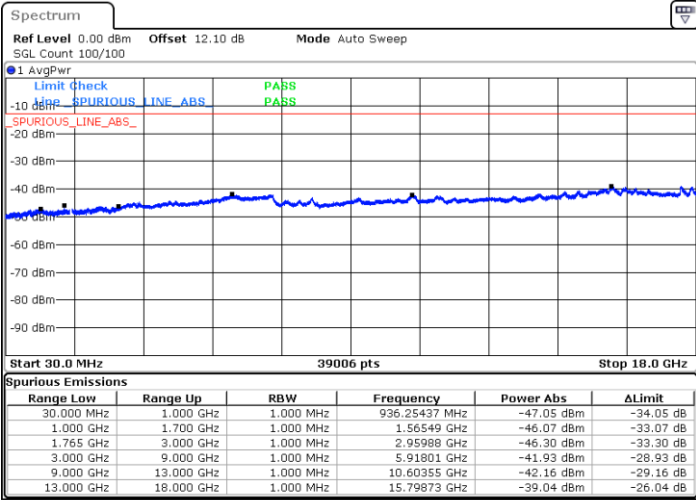




LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



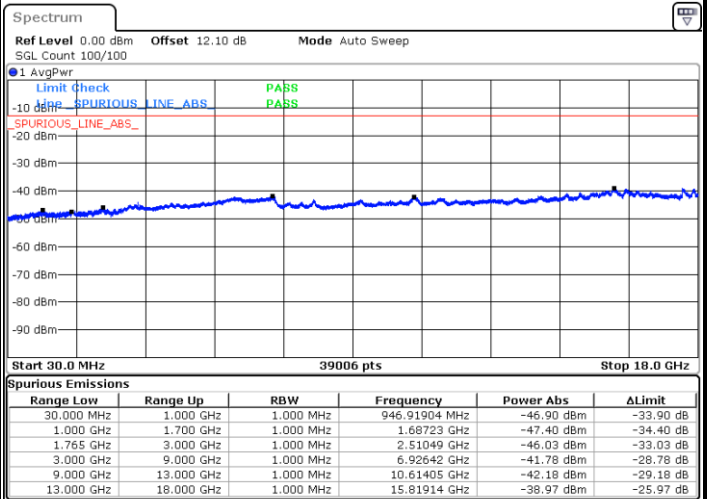
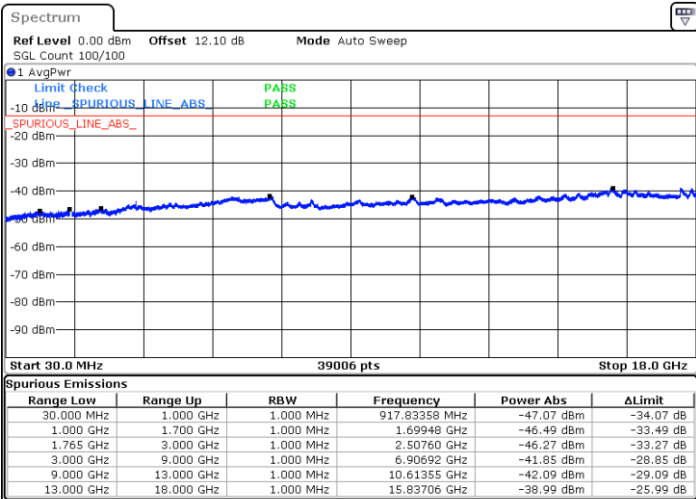
Date: 11.JUL.2020 09:09:07

Date: 11.JUL.2020 09:07:52

LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.JUL.2020 09:32:44

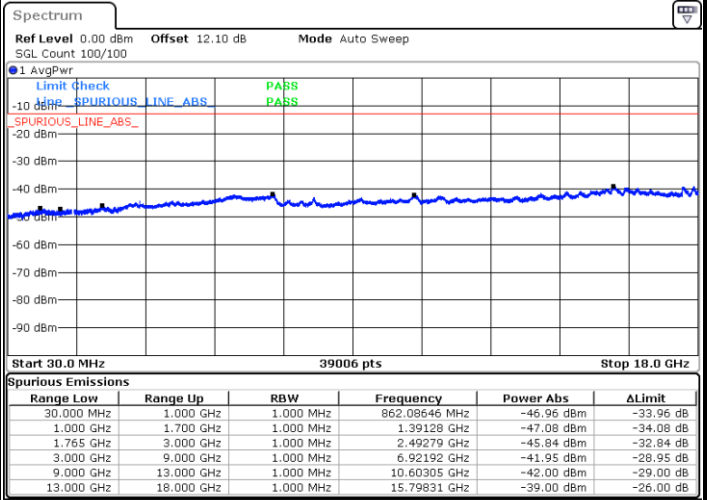
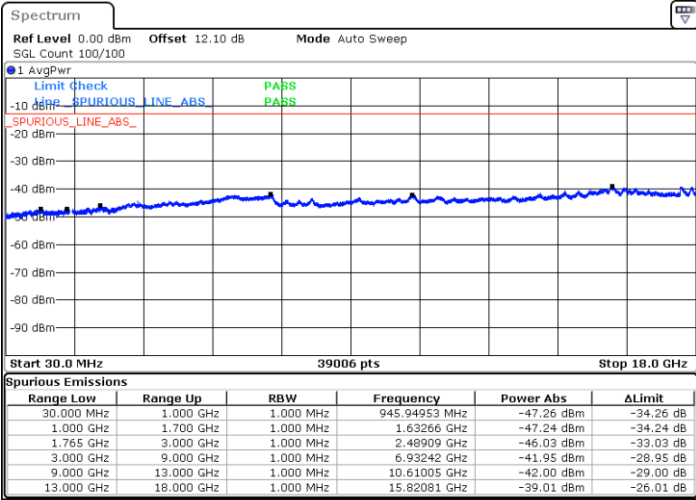
Date: 11.JUL.2020 09:33:47



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

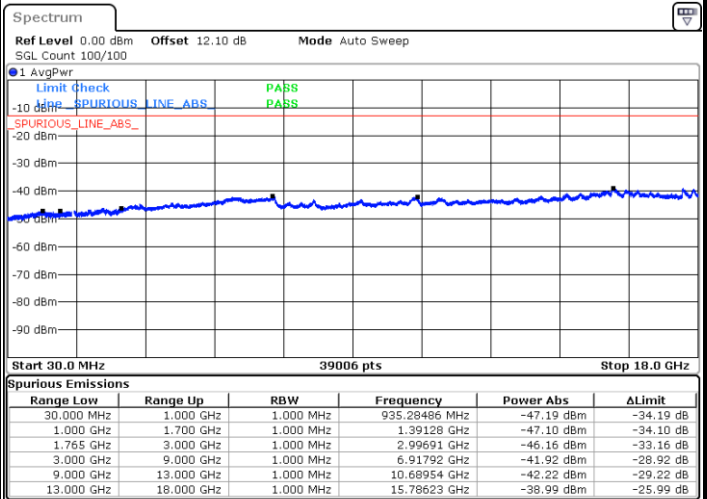
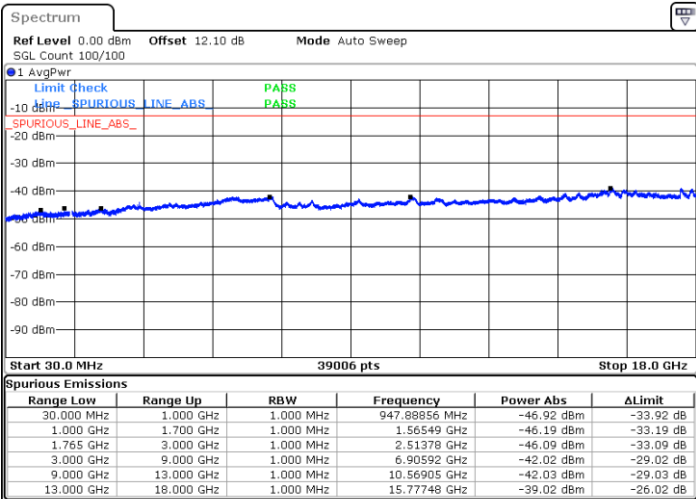


Date: 11.JUL.2020 09:12:04

Date: 11.JUL.2020 09:12:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2020 09:20:34

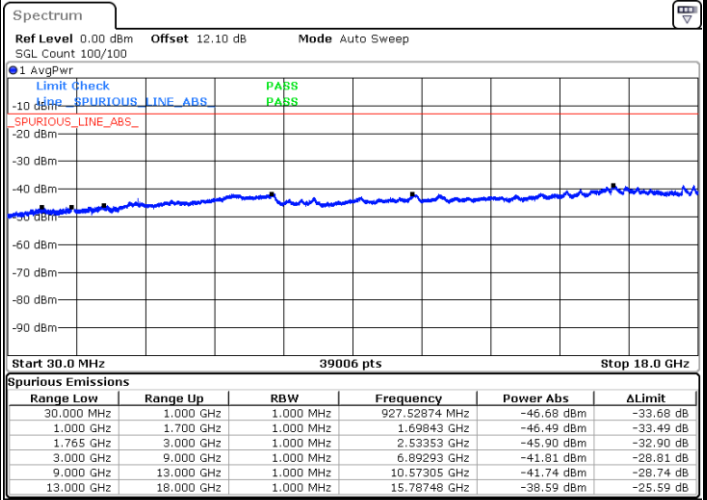
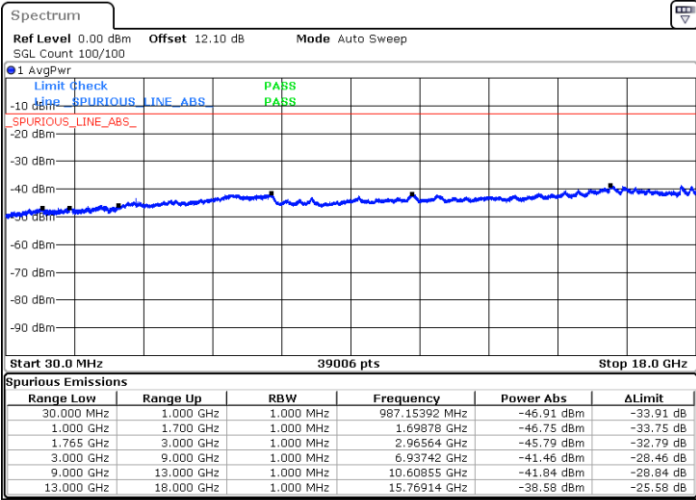
Date: 11.JUL.2020 09:23:24



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

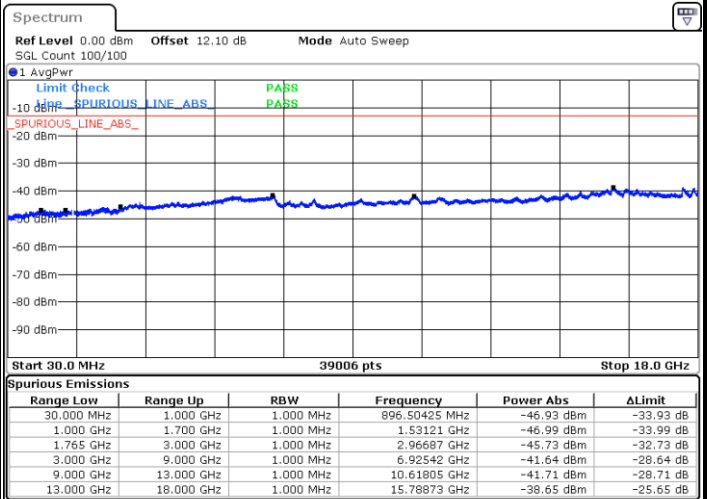
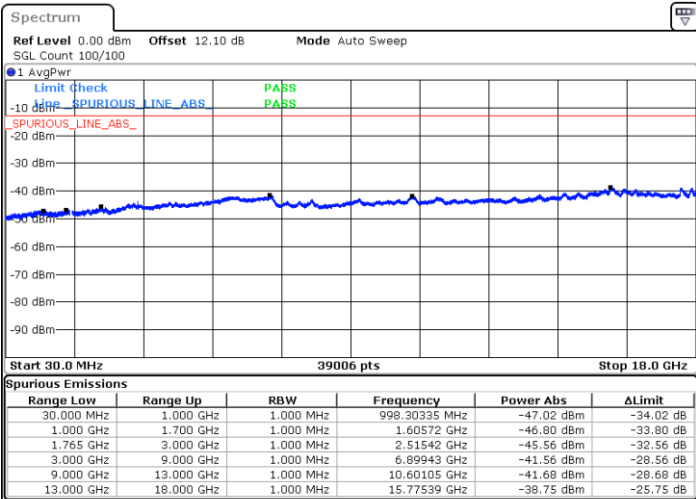


Date: 9.JUL.2020 15:13:13

Date: 9.JUL.2020 15:12:26

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9.JUL.2020 15:10:27

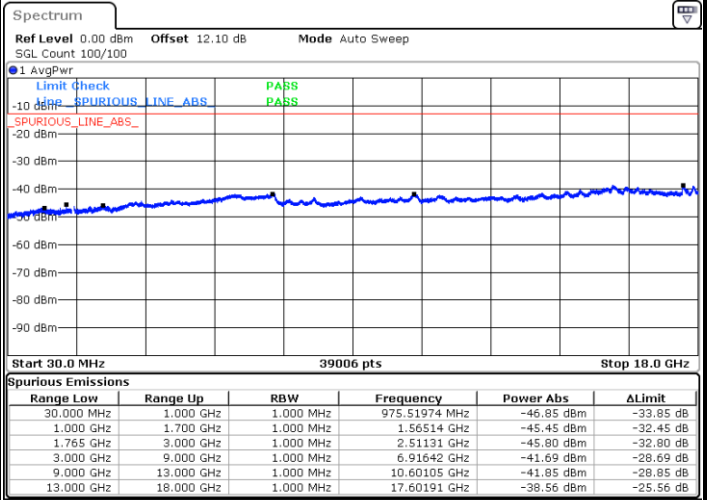
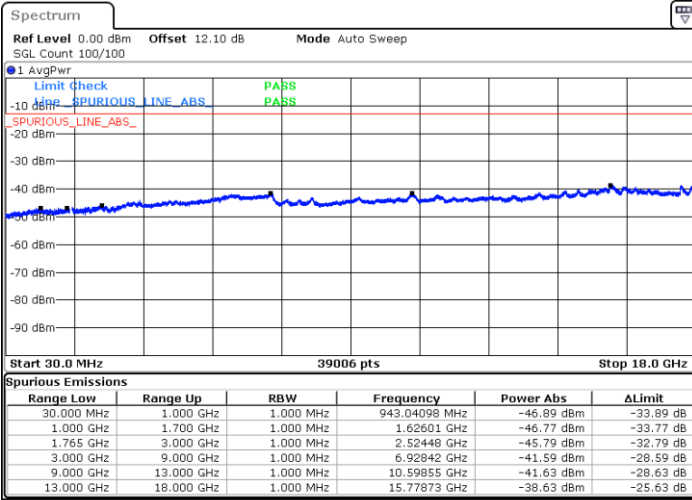
Date: 9.JUL.2020 15:11:24



LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



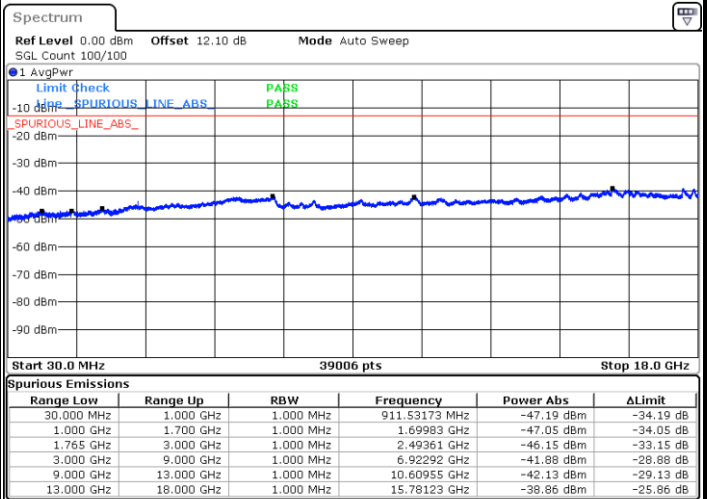
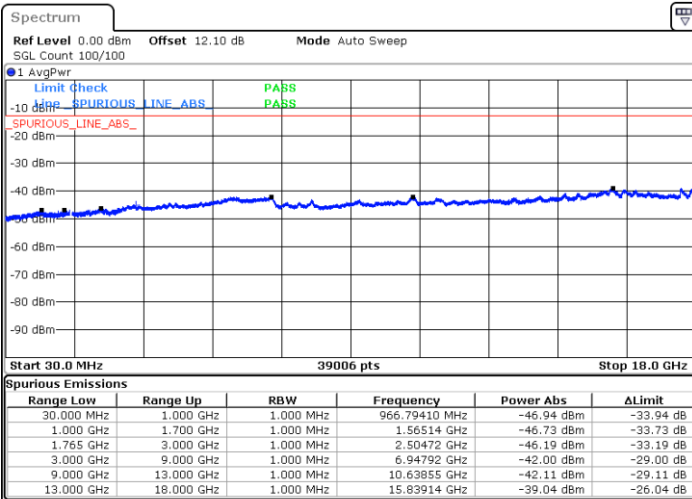
Date: 9.JUL.2020 15:09:23

Date: 9.JUL.2020 15:08:33

LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.JUL.2020 09:40:18

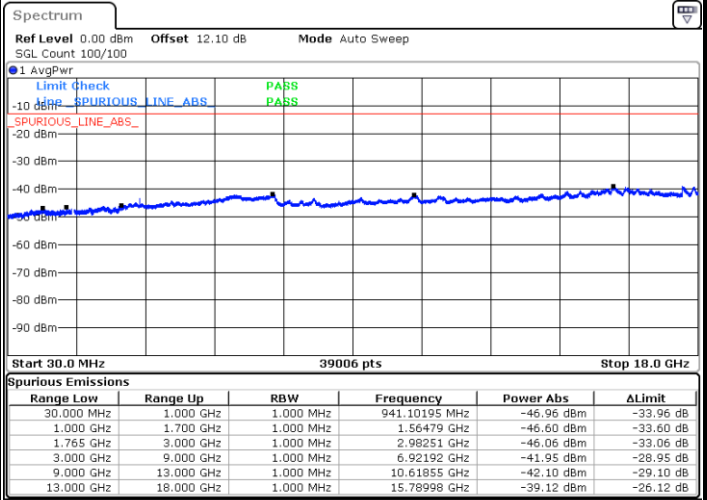
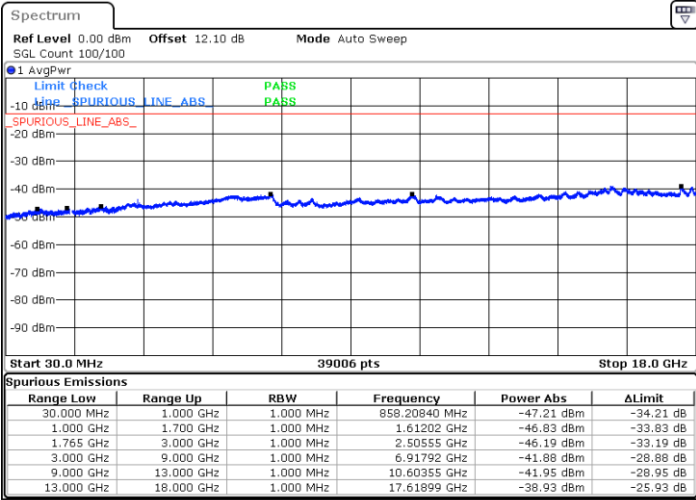
Date: 11.JUL.2020 09:57:05



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

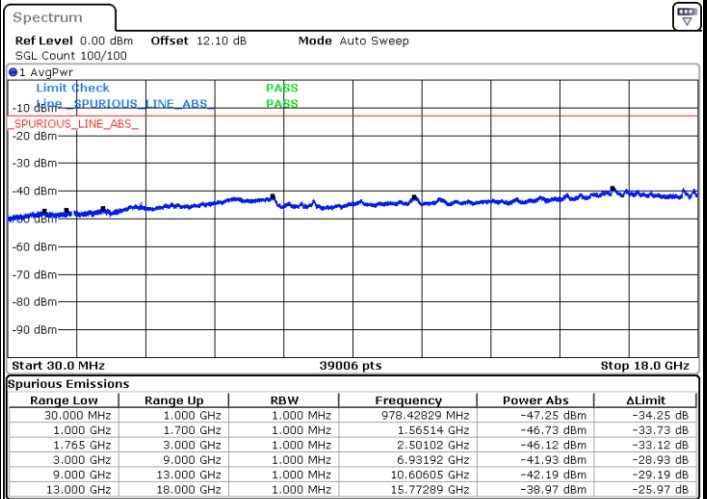
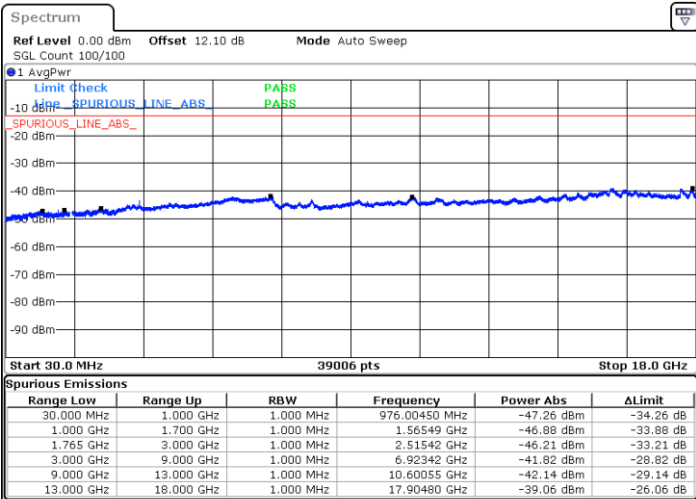


Date: 11.JUL.2020 09:38:25

Date: 11.JUL.2020 09:37:39

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2020 10:01:02

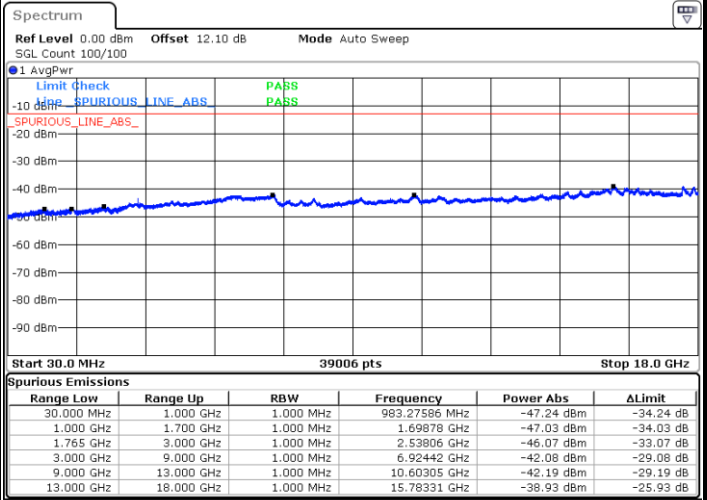
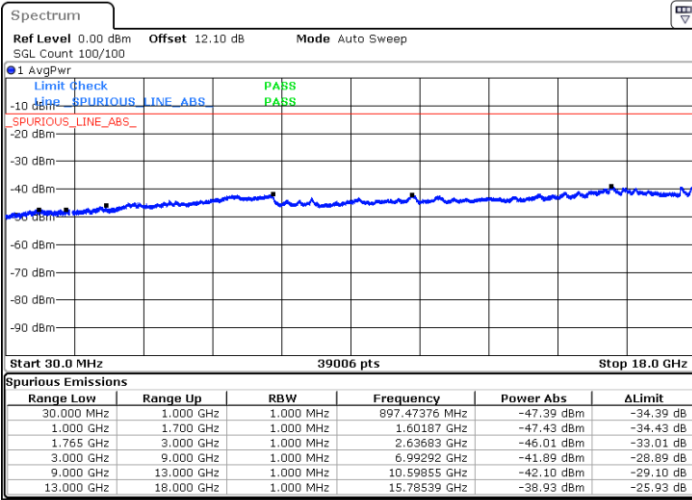
Date: 11.JUL.2020 09:58:17



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

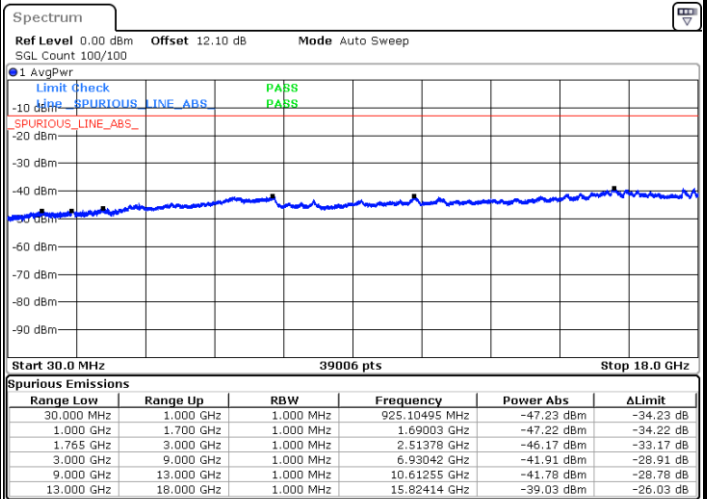
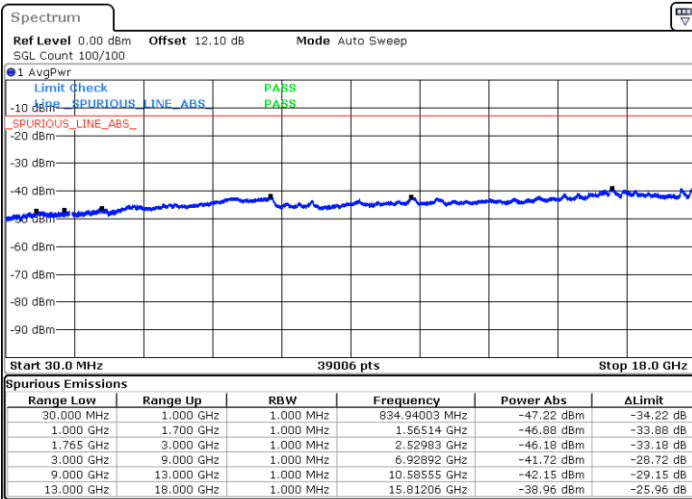


Date: 11.JUL.2020 10:46:32

Date: 11.JUL.2020 10:47:47

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11.JUL.2020 10:03:39

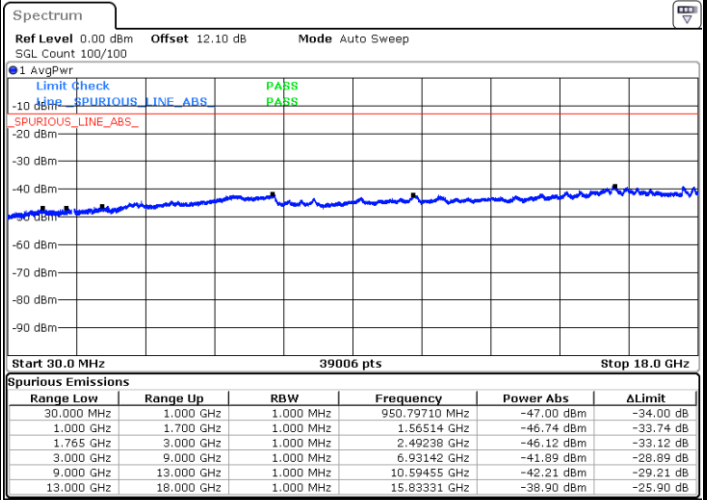
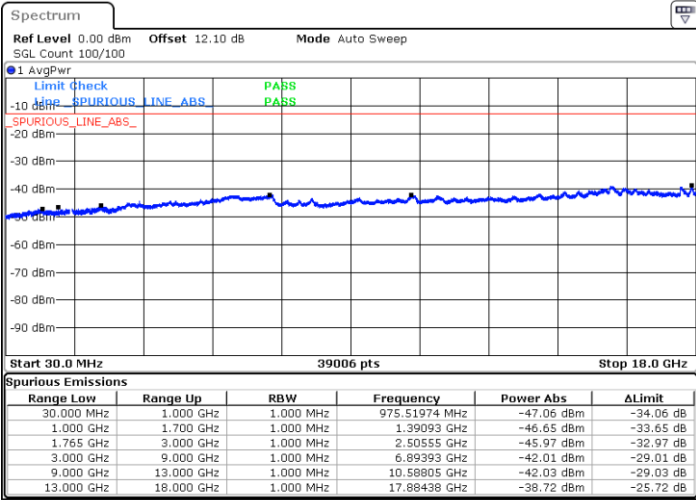
Date: 11.JUL.2020 10:04:31



LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



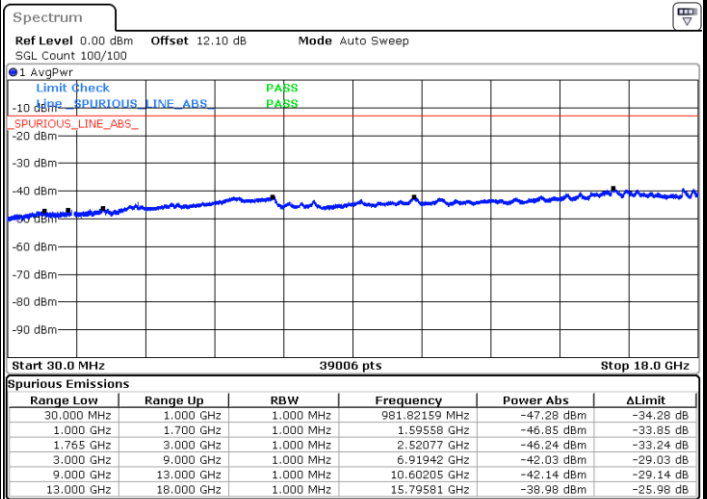
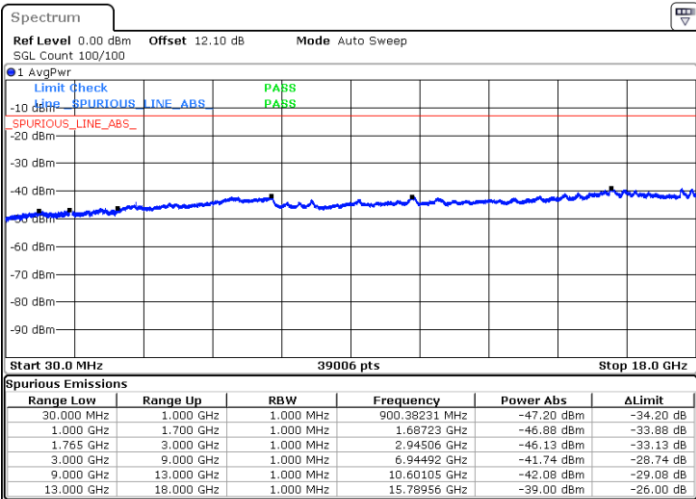
Date: 11.JUL.2020 10:43:15

Date: 11.JUL.2020 10:42:23

LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.JUL.2020 10:28:39

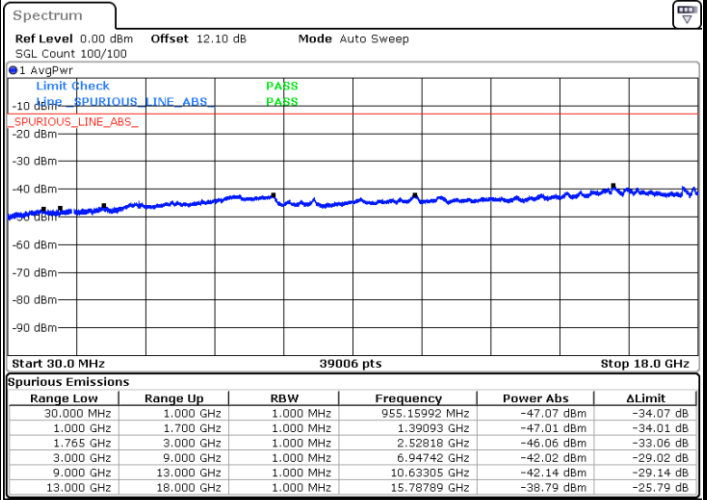
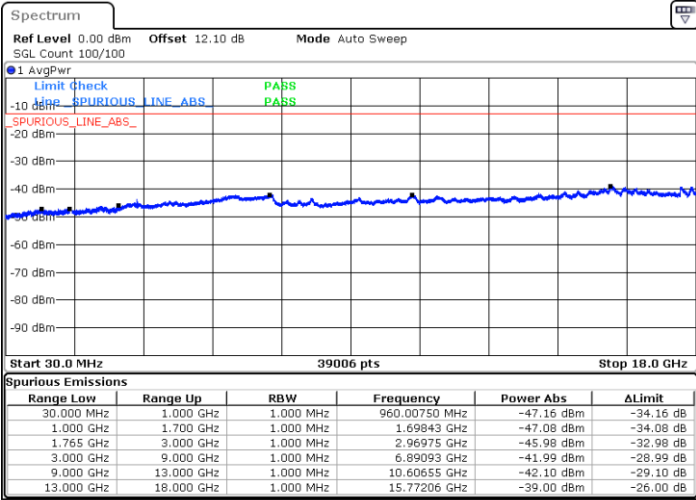
Date: 11.JUL.2020 10:30:16



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

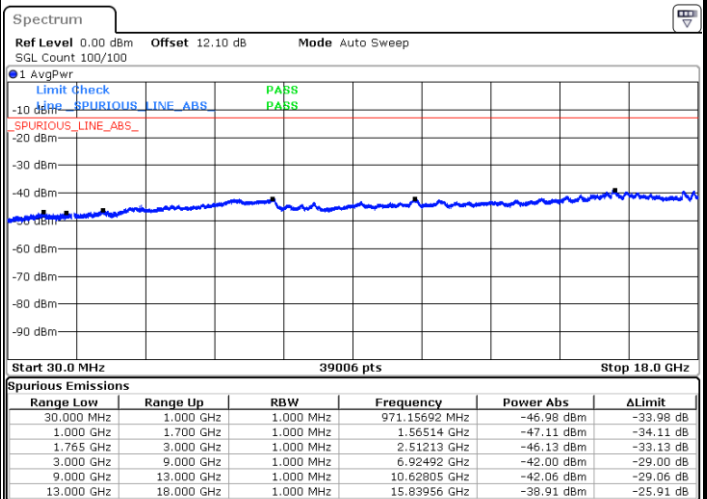
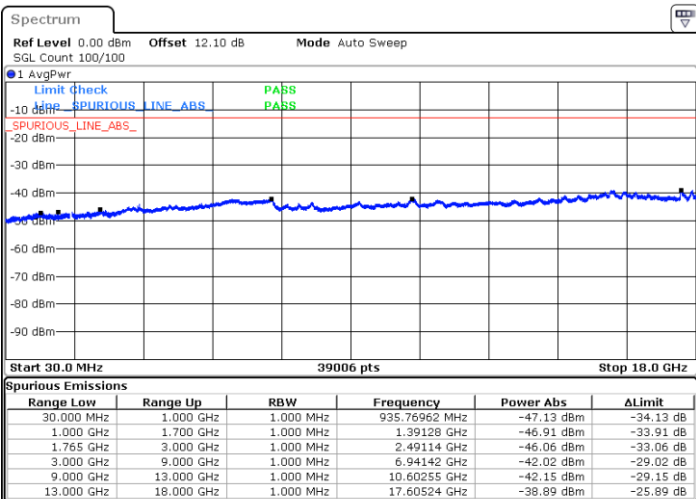


Date: 11.JUL.2020 10:26:00

Date: 11.JUL.2020 10:25:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2020 10:35:50

Date: 11.JUL.2020 10:38:58



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0145	
0	Normal Voltage	0.0160	
-10	Normal Voltage	0.0148	
-20	Normal Voltage	0.0136	
-30	Normal Voltage	0.0140	
20	Maximum Voltage	0.0202	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

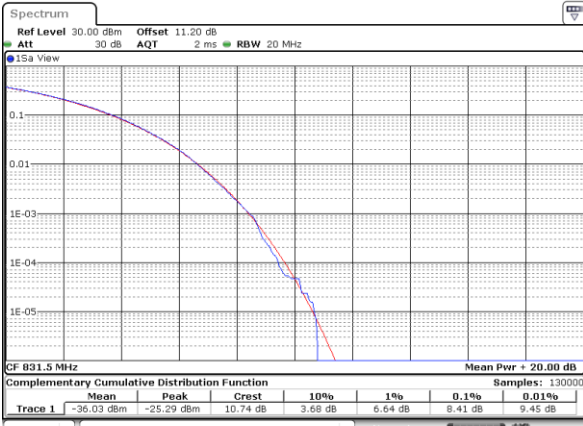
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	8.41	8.41	8.41	8.49	PASS
Middle CH	5.30	8.46	8.46	8.43	
Highest CH	5.45	6.12	8.41	6.67	



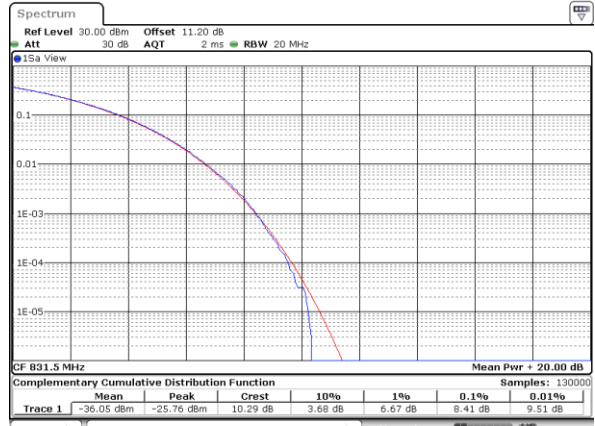
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



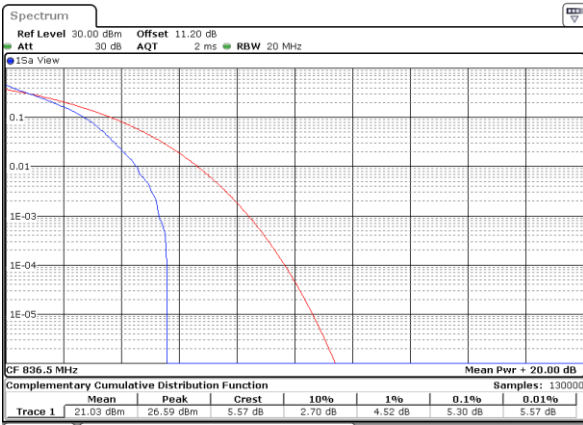
Date: 11.JUL.2020 12:04:55

Lowest Channel / Full RB



Date: 11.JUL.2020 12:02:34

Middle Channel / 1RB



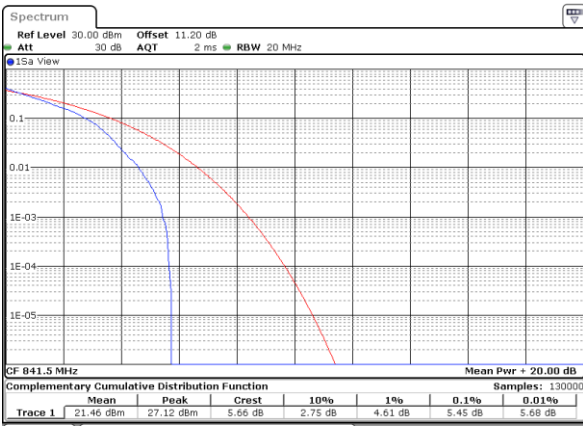
Date: 11.JUL.2020 12:09:25

Middle Channel / Full RB



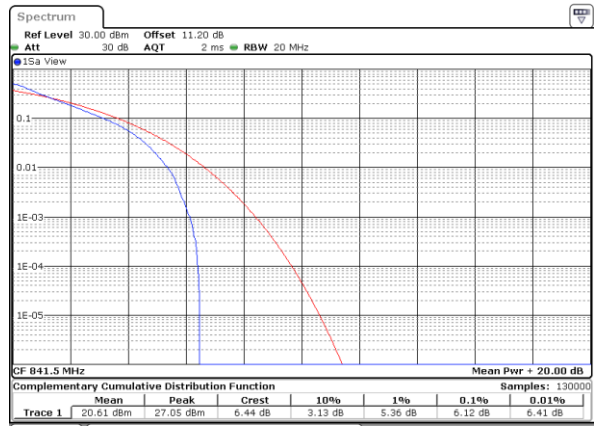
Date: 11.JUL.2020 12:05:47

Highest Channel / 1RB



Date: 11.JUL.2020 12:13:04

Highest Channel / Full RB

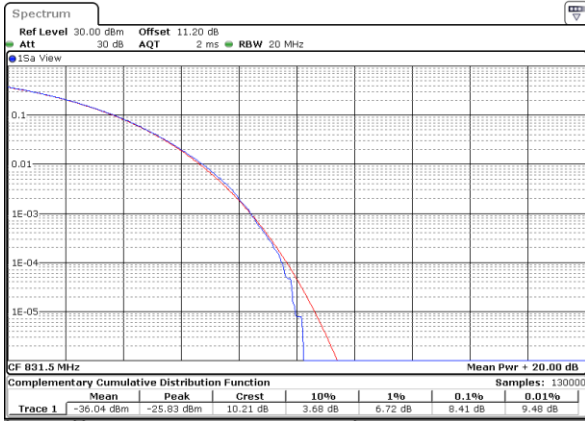


Date: 11.JUL.2020 12:10:24



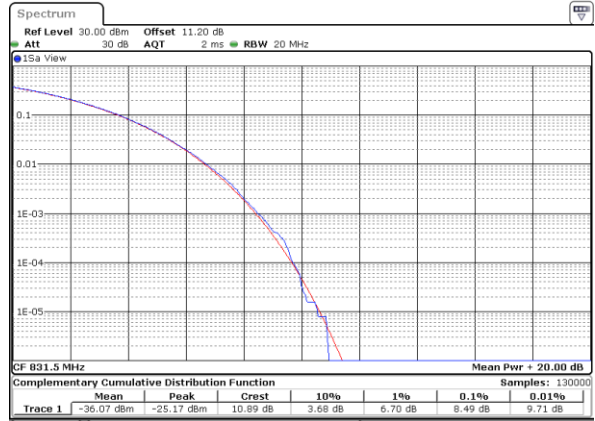
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



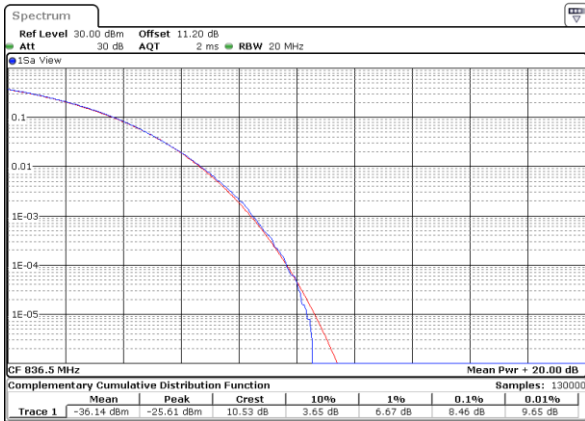
Date: 11.JUL.2020 12:01:56

Lowest Channel / Full RB



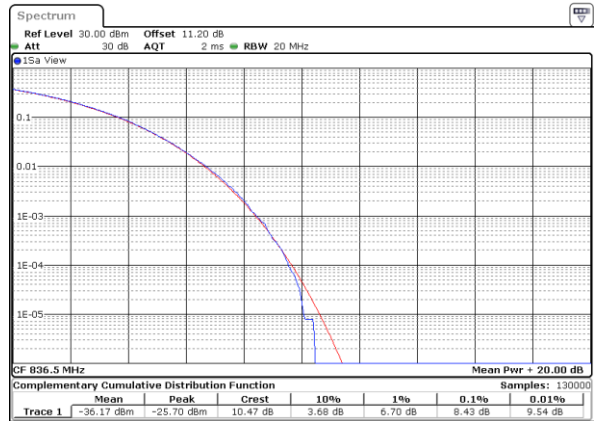
Date: 11.JUL.2020 12:02:11

Middle Channel / 1RB



Date: 11.JUL.2020 12:07:50

Middle Channel / Full RB



Date: 11.JUL.2020 12:24:48

Highest Channel / 1RB



Date: 11.JUL.2020 12:14:09

Highest Channel / Full RB



Date: 11.JUL.2020 12:27:58



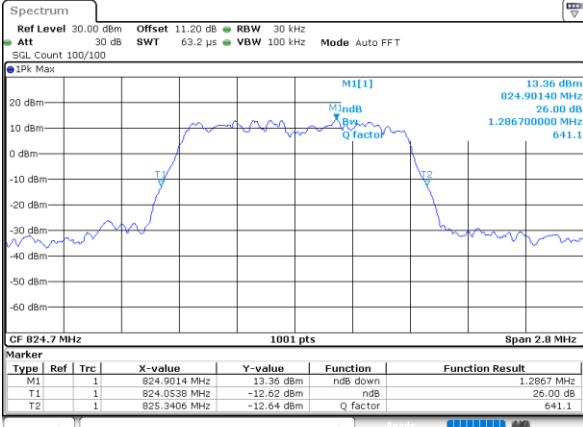
26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.29	1.30	1.26	1.31	1.31	1.30	1.32	1.32	1.35	1.35	-	-
Middle CH	1.26	1.28	1.31	1.29	1.28	1.30	1.30	1.26	1.32	1.35	-	-
Highest CH	1.27	1.29	1.32	1.26	1.32	1.34	1.30	1.30	1.32	1.32	-	-



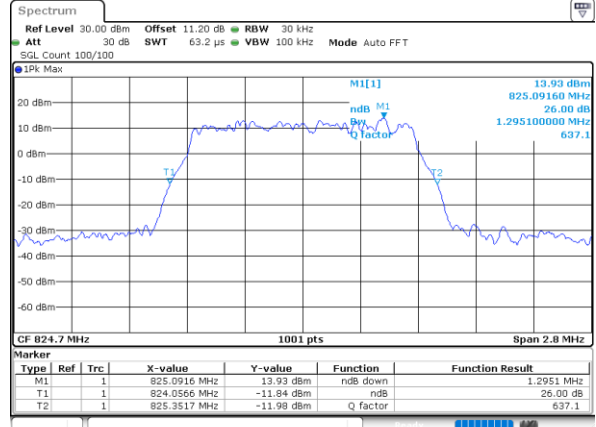
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



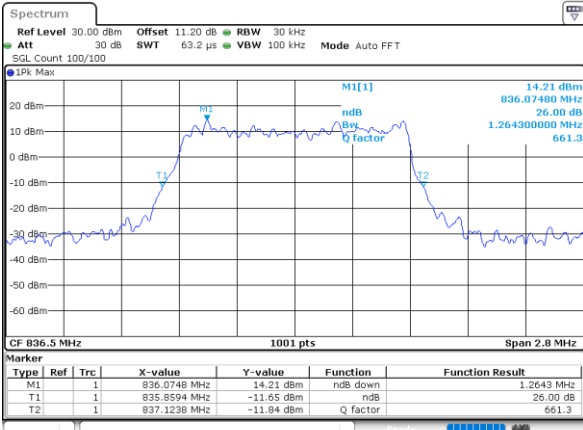
Date: 11.JUL.2020 11:07:07

Lowest Channel / 1.4MHz / 16QAM



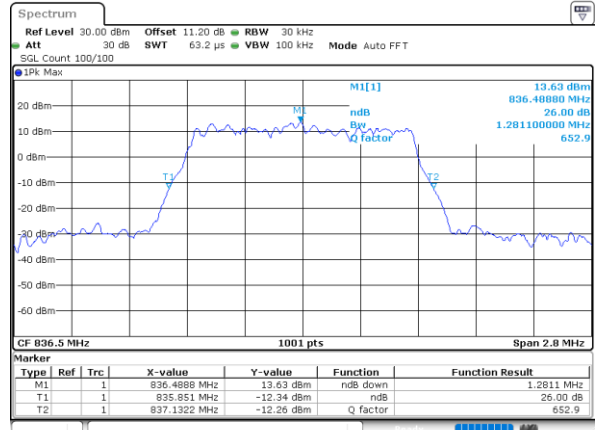
Date: 11.JUL.2020 10:57:10

Middle Channel / 1.4MHz / QPSK



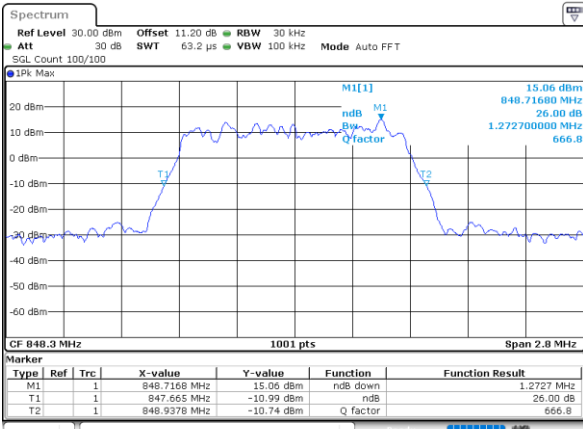
Date: 11.JUL.2020 10:52:16

Middle Channel / 1.4MHz / 16QAM



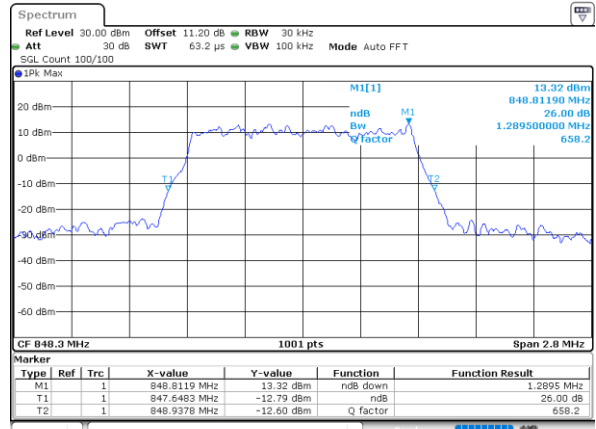
Date: 11.JUL.2020 10:54:36

Highest Channel / 1.4MHz / QPSK



Date: 11.JUL.2020 11:07:44

Highest Channel / 1.4MHz / 16QAM

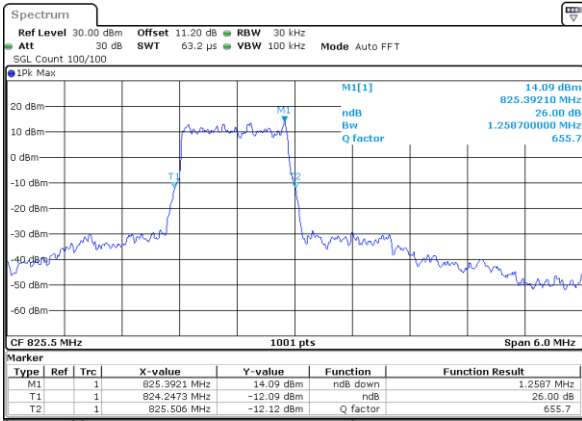


Date: 11.JUL.2020 11:15:45



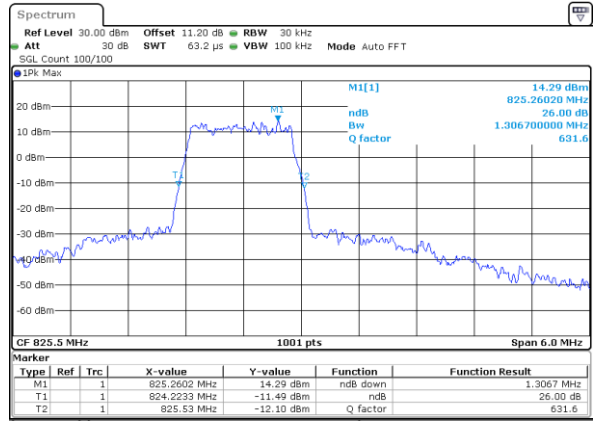
LTE Band 26

Lowest Channel / 3MHz / QPSK



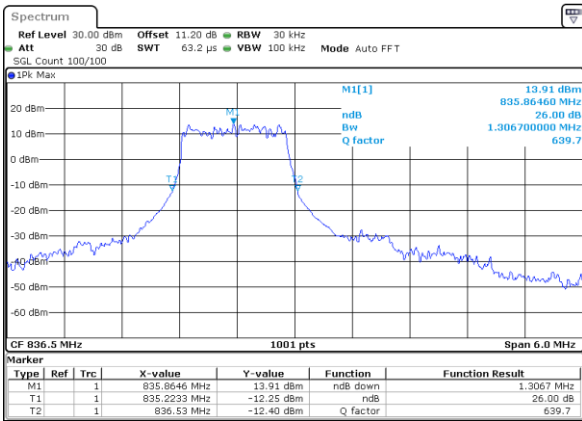
Date: 8.OCT.2020 17:21:41

Lowest Channel / 3MHz / 16QAM



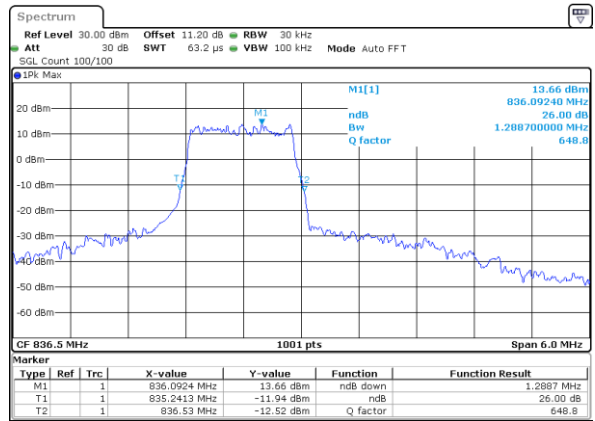
Date: 8.OCT.2020 17:21:57

Middle Channel / 3MHz / QPSK



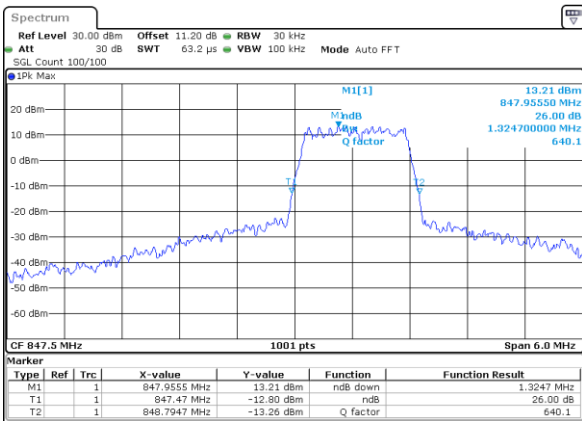
Date: 8.OCT.2020 16:06:50

Middle Channel / 3MHz / 16QAM



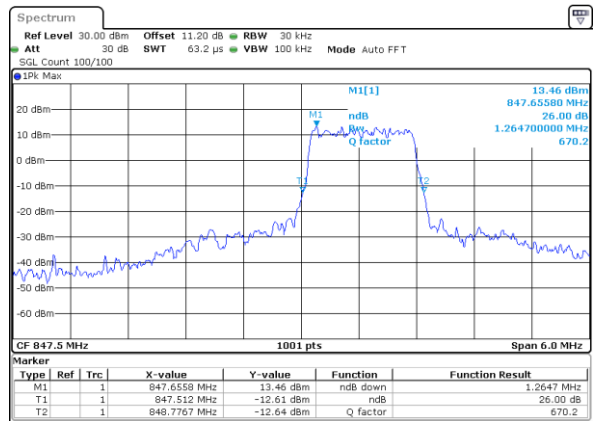
Date: 8.OCT.2020 16:07:09

Highest Channel / 3MHz / QPSK



Date: 8.OCT.2020 17:25:21

Highest Channel / 3MHz / 16QAM

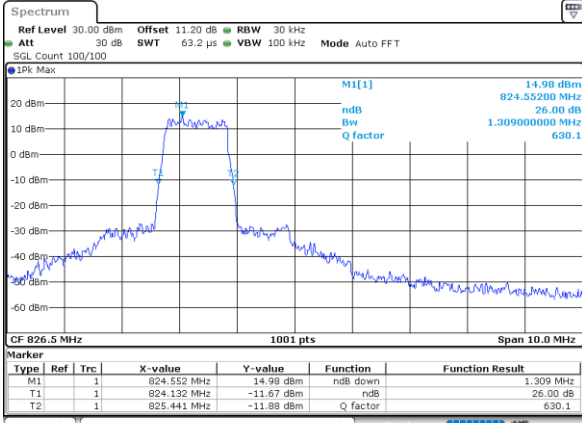


Date: 8.OCT.2020 17:24:54



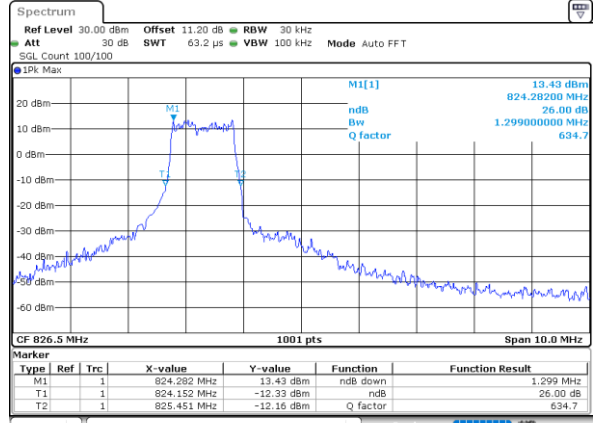
LTE Band 26

Lowest Channel / 5MHz / QPSK



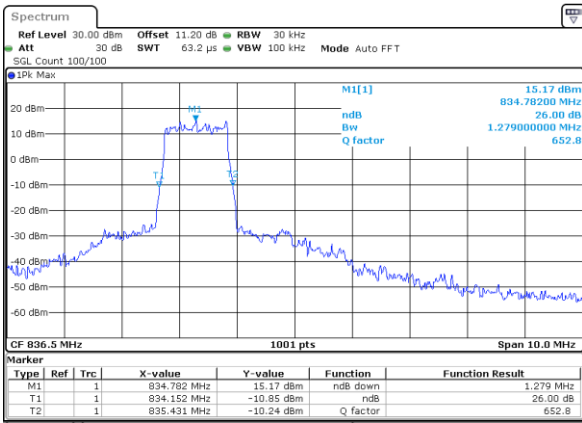
Date: 8.OCT.2020 16:15:21

Lowest Channel / 5MHz / 16QAM



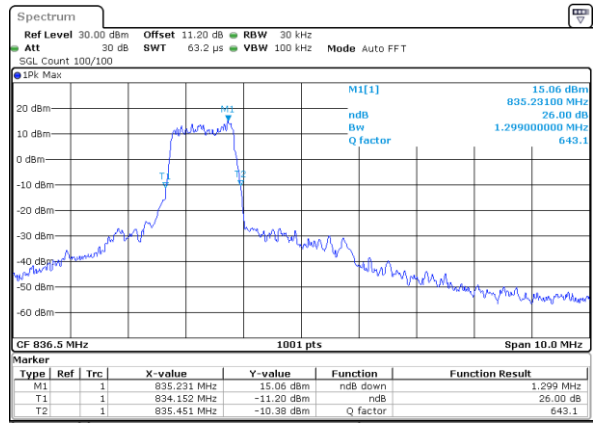
Date: 8.OCT.2020 16:15:05

Middle Channel / 5MHz / QPSK



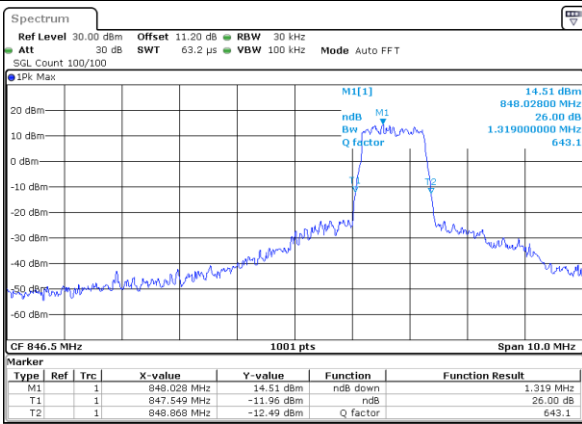
Date: 8.OCT.2020 16:14:30

Middle Channel / 5MHz / 16QAM



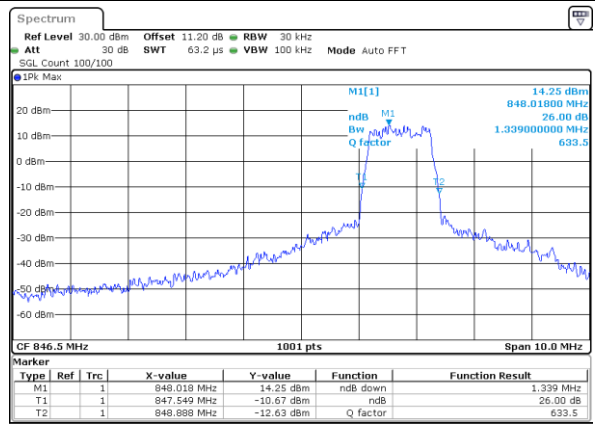
Date: 8.OCT.2020 16:14:45

Highest Channel / 5MHz / QPSK



Date: 8.OCT.2020 16:15:45

Highest Channel / 5MHz / 16QAM

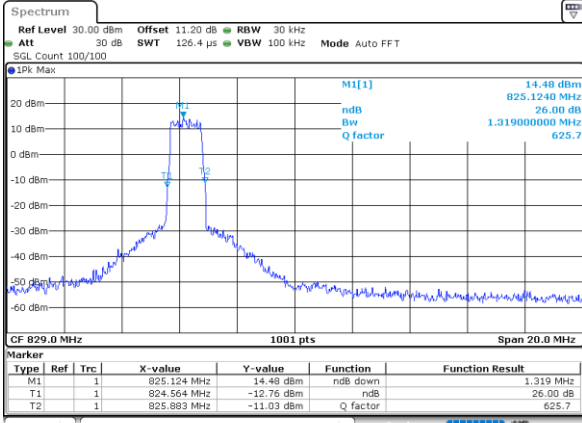


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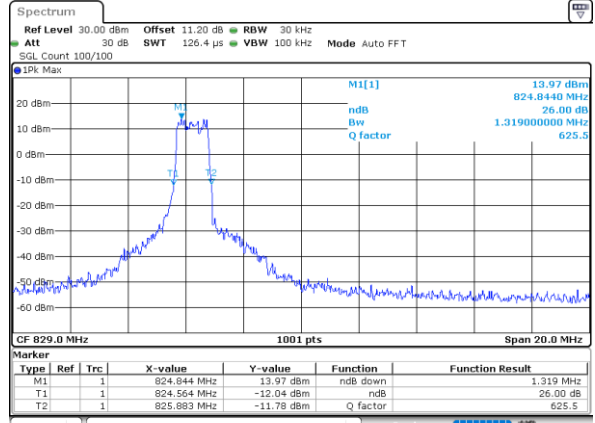
LTE Band 26

Lowest Channel / 10MHz / QPSK



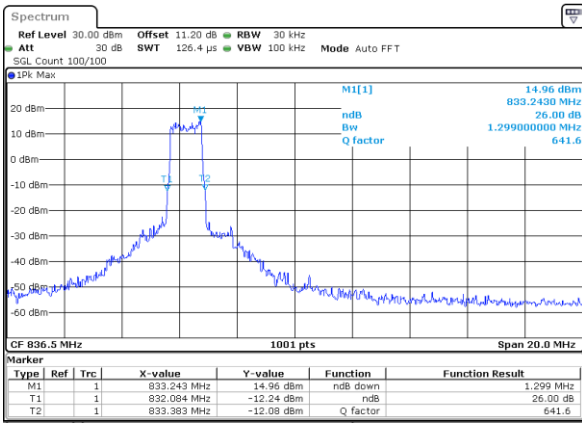
Date: 8.OCT.2020 16:18:50

Lowest Channel / 10MHz / 16QAM



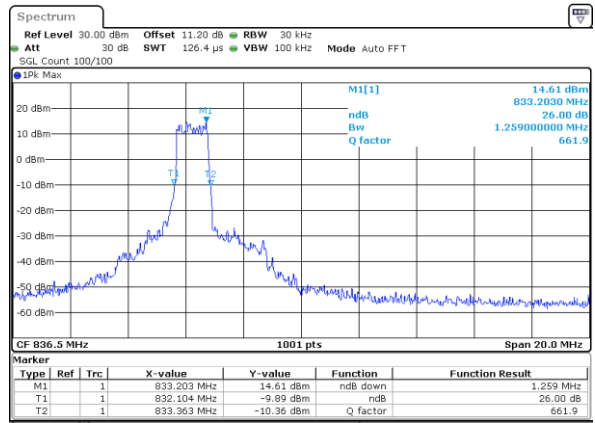
Date: 8.OCT.2020 16:22:02

Middle Channel / 10MHz / QPSK



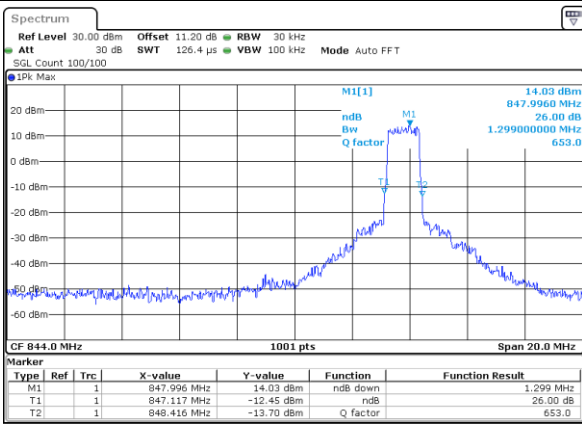
Date: 8.OCT.2020 16:18:05

Middle Channel / 10MHz / 16QAM



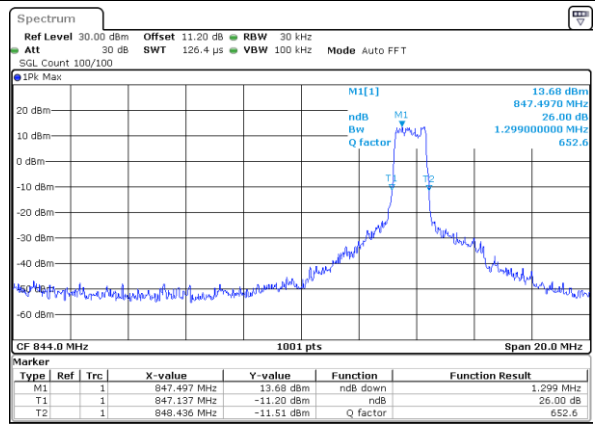
Date: 8.OCT.2020 16:17:50

Highest Channel / 10MHz / QPSK



Date: 8.OCT.2020 16:21:20

Highest Channel / 10MHz / 16QAM



Date: 8.OCT.2020 16:20:42