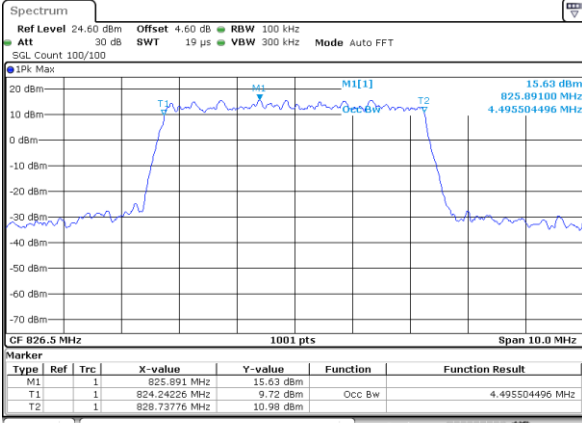




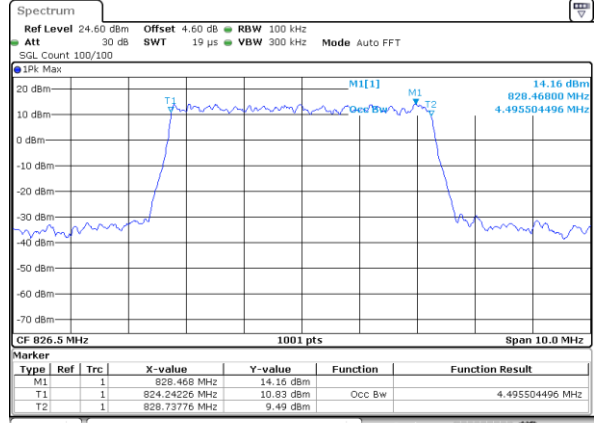
LTE Band 5

Lowest Channel / 5MHz / QPSK



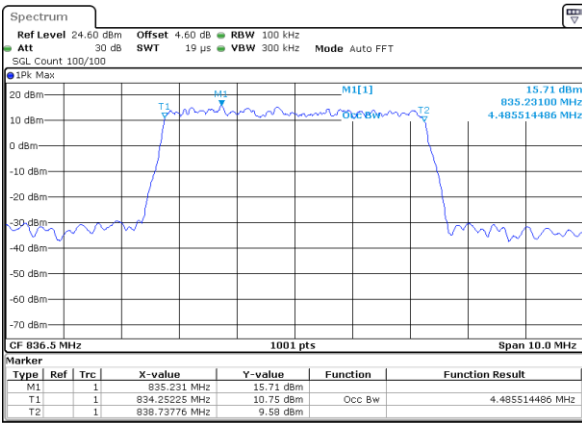
Date: 6 JUN 2020 15:33:08

Lowest Channel / 5MHz / 16QAM



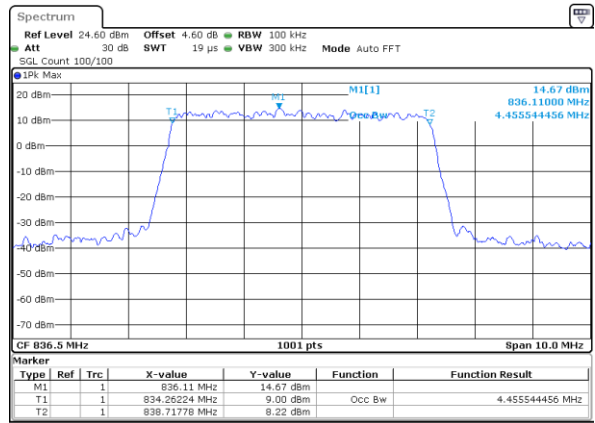
Date: 6 JUN 2020 15:33:18

Middle Channel / 5MHz / QPSK



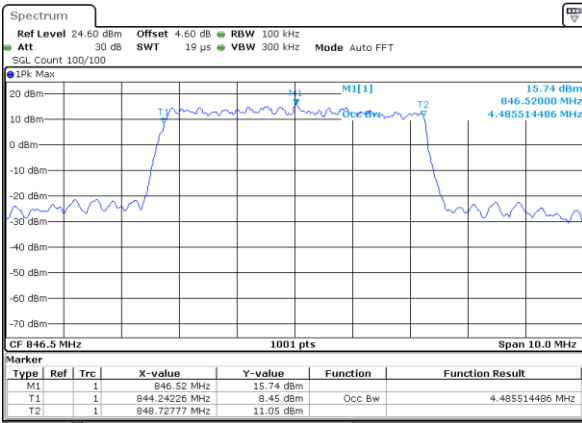
Date: 6 JUN 2020 15:42:15

Middle Channel / 5MHz / 16QAM



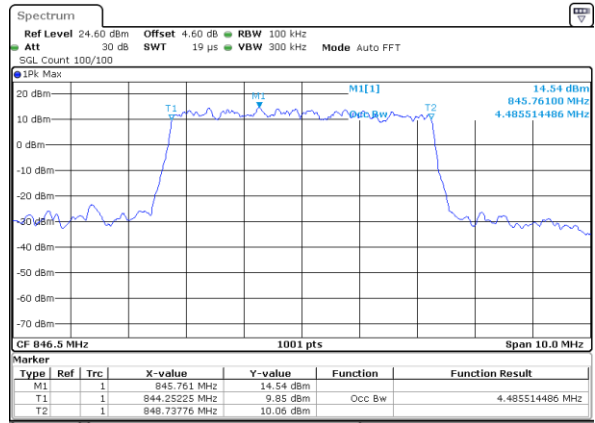
Date: 6 JUN 2020 15:42:25

Highest Channel / 5MHz / QPSK



Date: 6 JUN 2020 15:44:50

Highest Channel / 5MHz / 16QAM

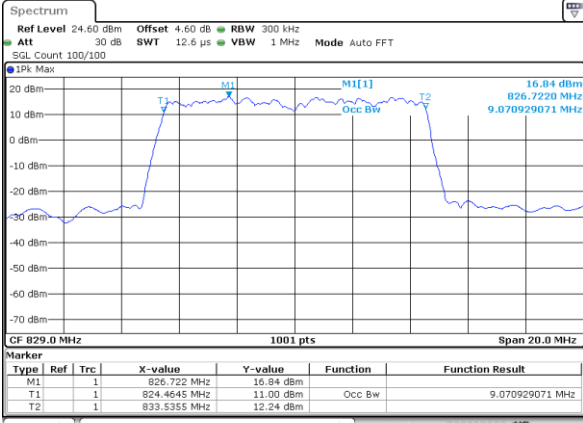


Date: 6 JUN 2020 15:45:00



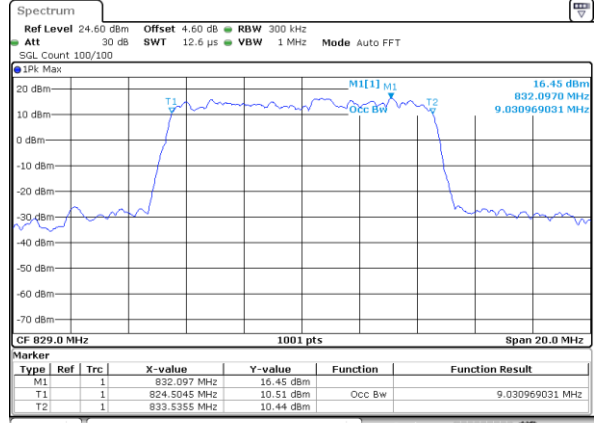
LTE Band 5

Lowest Channel / 10MHz / QPSK



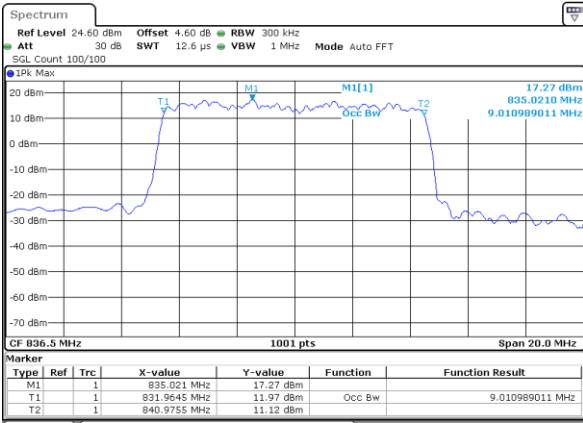
Date: 6 JUN 2020 15:53:56

Lowest Channel / 10MHz / 16QAM



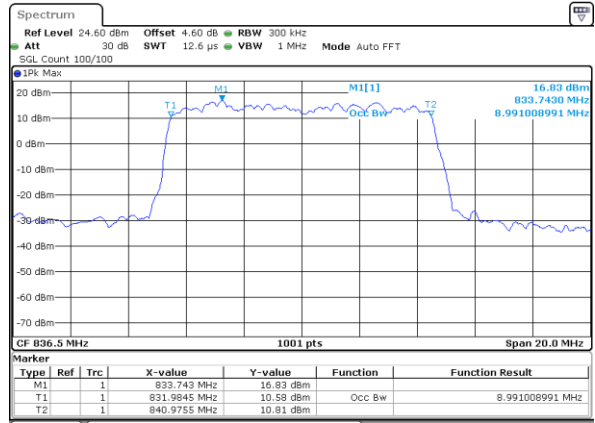
Date: 6 JUN 2020 15:54:06

Middle Channel / 10MHz / QPSK



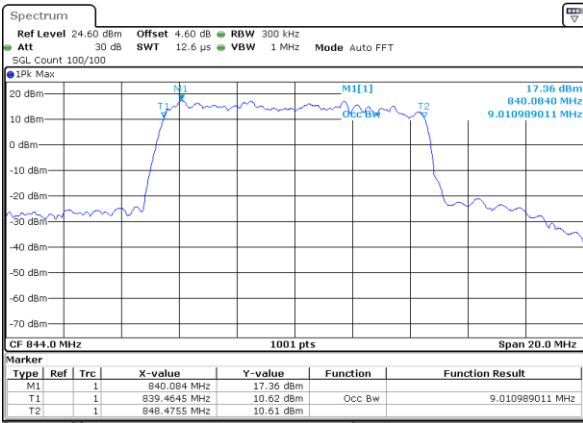
Date: 6 JUN 2020 16:03:02

Middle Channel / 10MHz / 16QAM



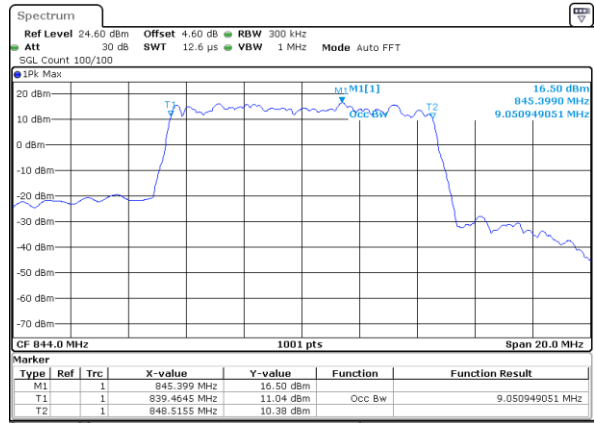
Date: 6 JUN 2020 16:03:12

Highest Channel / 10MHz / QPSK



Date: 6 JUN 2020 16:05:36

Highest Channel / 10MHz / 16QAM

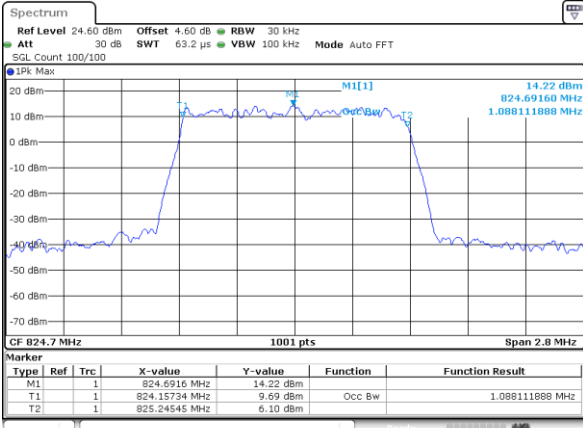


Date: 6 JUN 2020 16:05:46



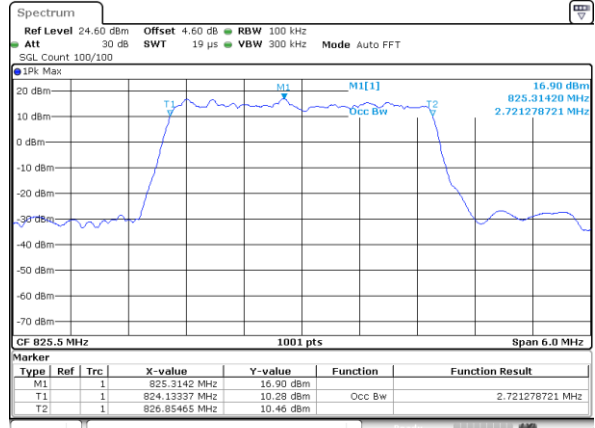
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



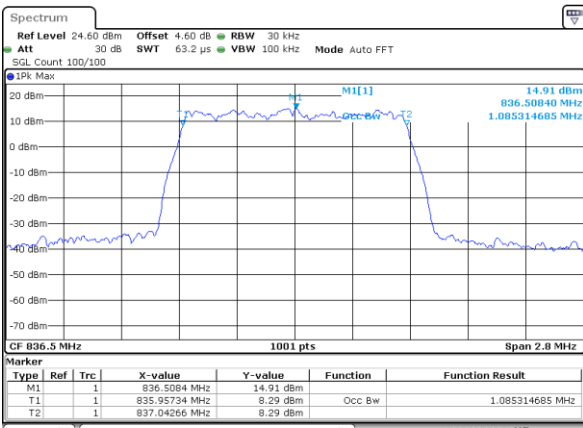
Date: 6 JUN 2020 17:12:42

Lowest Channel / 3MHz / 64QAM



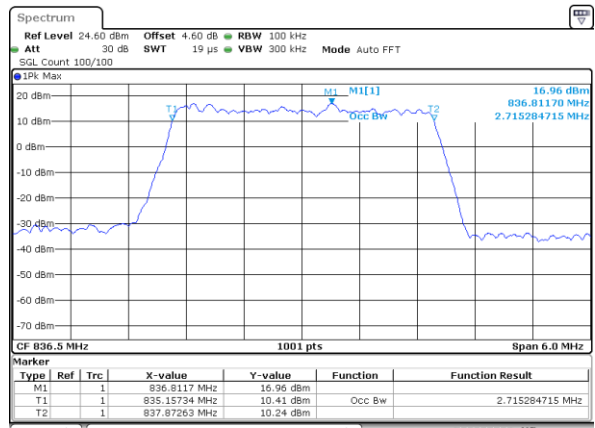
Date: 6 JUN 2020 16:27:34

Middle Channel / 1.4MHz / 64QAM



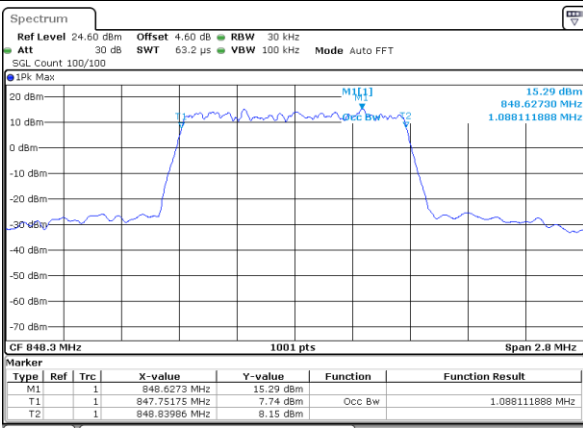
Date: 6 JUN 2020 16:22:40

Middle Channel / 3MHz / 64QAM



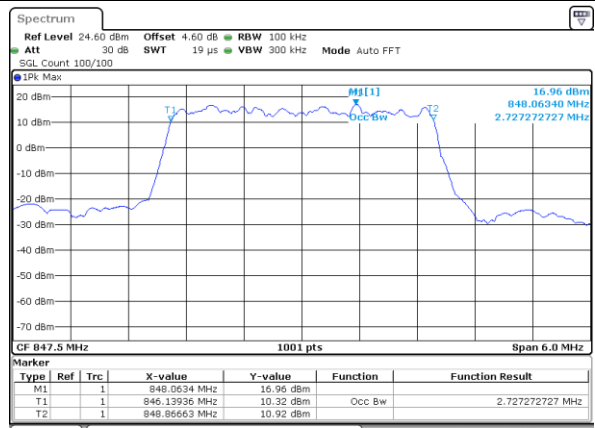
Date: 6 JUN 2020 16:33:03

Highest Channel / 1.4MHz / 64QAM



Date: 6 JUN 2020 16:23:00

Highest Channel / 3MHz / 64QAM

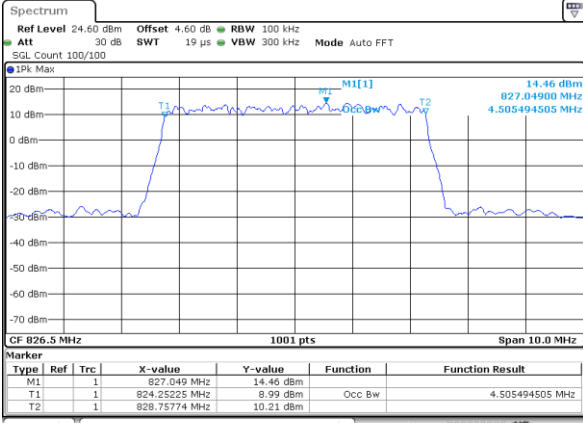


Date: 6 JUN 2020 16:33:24



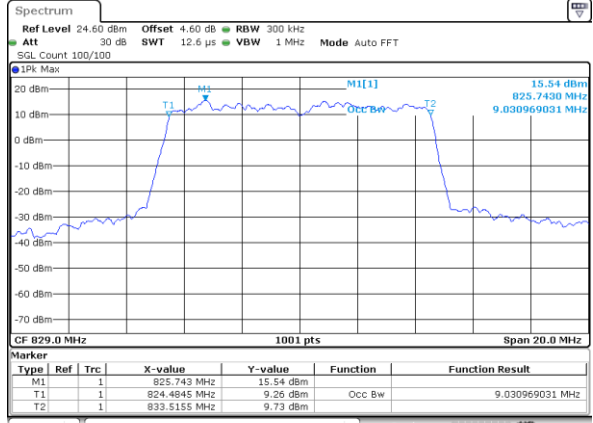
LTE Band 5

Lowest Channel / 5MHz / 64QAM



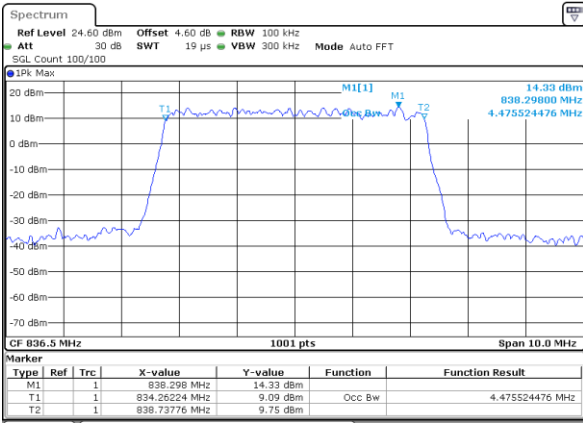
Date: 6 JUN 2020 16:37:57

Lowest Channel / 10MHz / 64QAM



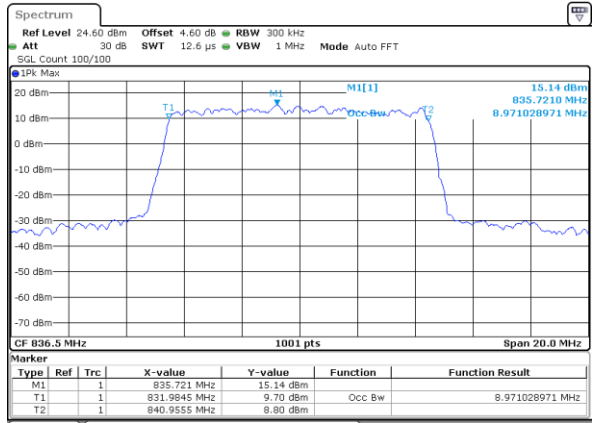
Date: 6 JUN 2020 16:57:23

Middle Channel / 5MHz / 64QAM



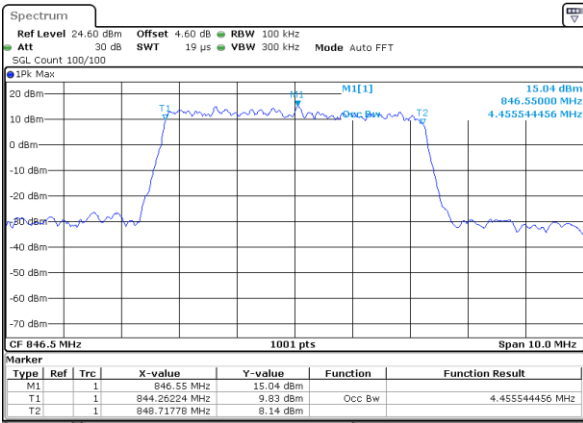
Date: 6 JUN 2020 16:43:26

Middle Channel / 10MHz / 64QAM



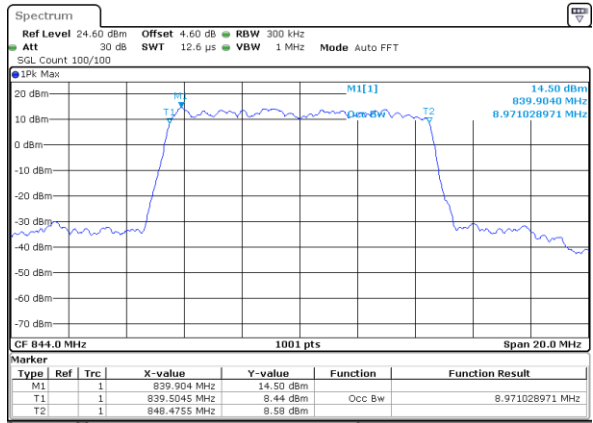
Date: 6 JUN 2020 17:02:52

Highest Channel / 5MHz / 64QAM



Date: 6 JUN 2020 16:43:47

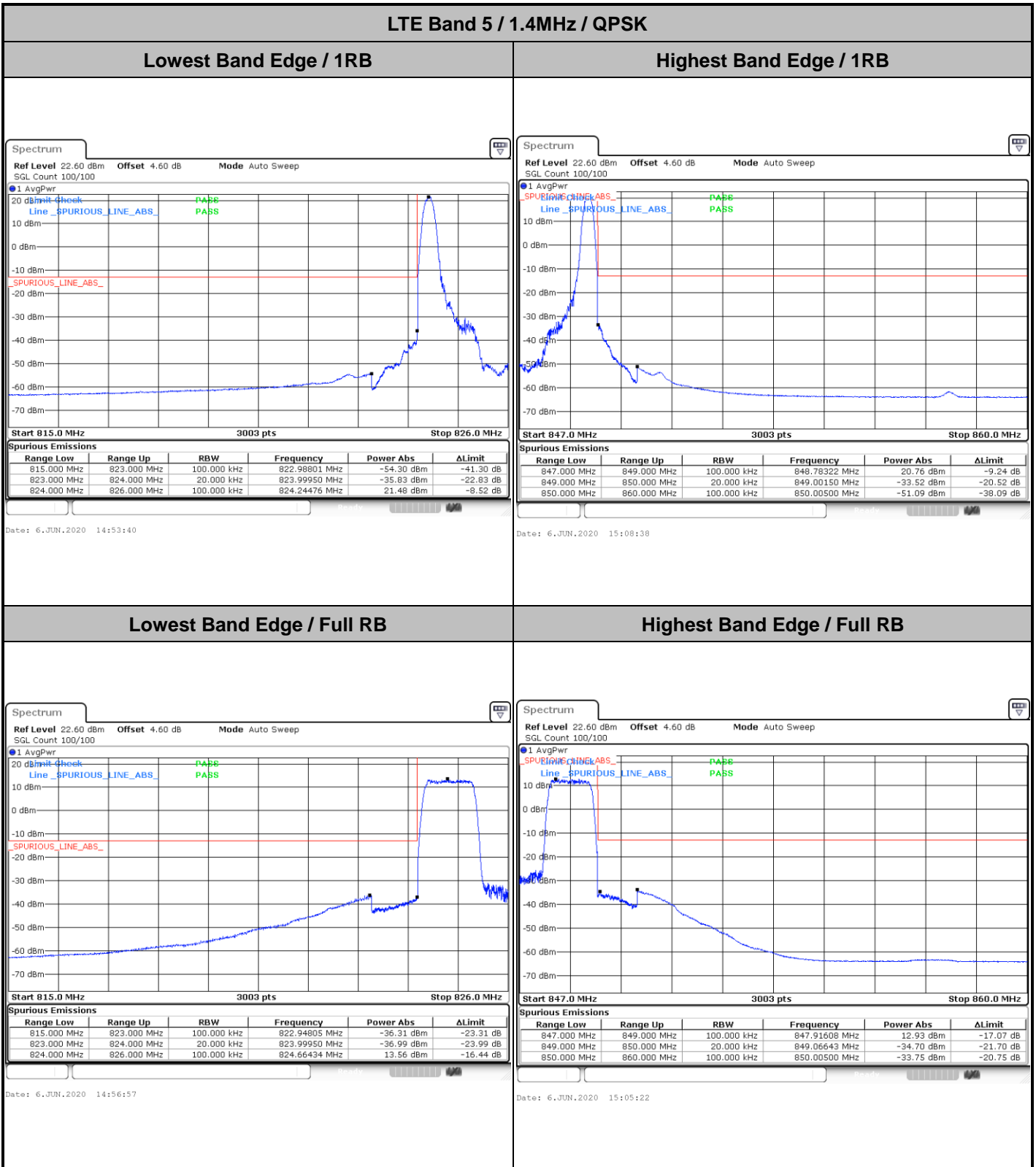
Highest Channel / 10MHz / 64QAM



Date: 6 JUN 2020 17:03:13



Conducted Band Edge



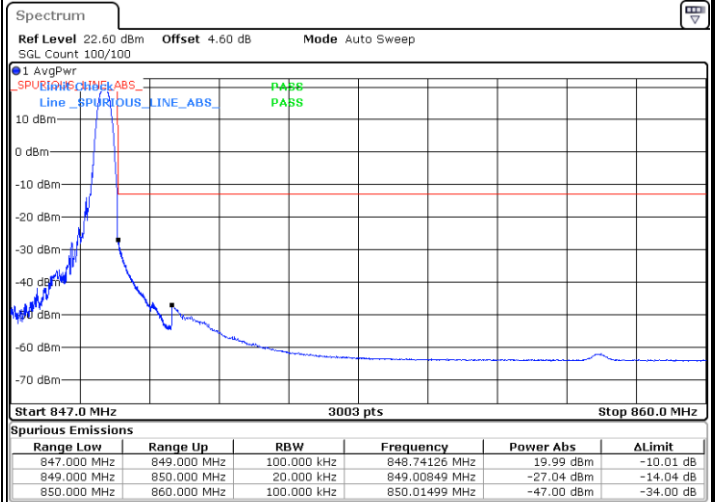


LTE Band 5 / 1.4MHz / 16QAM

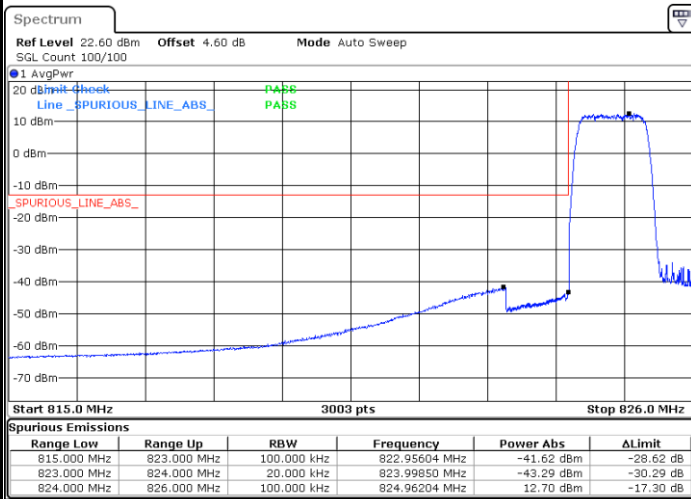
Lowest Band Edge / 1 RB



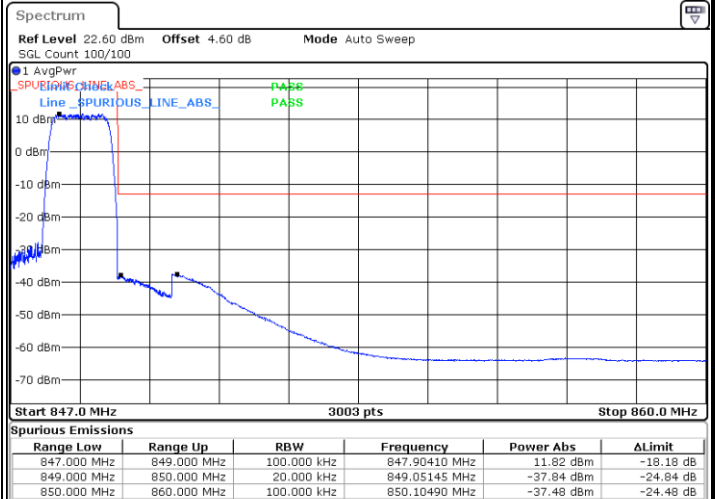
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



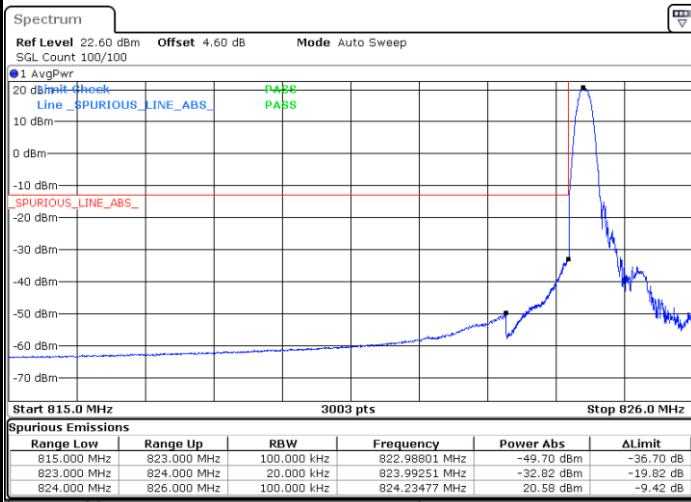
Highest Band Edge / Full RB





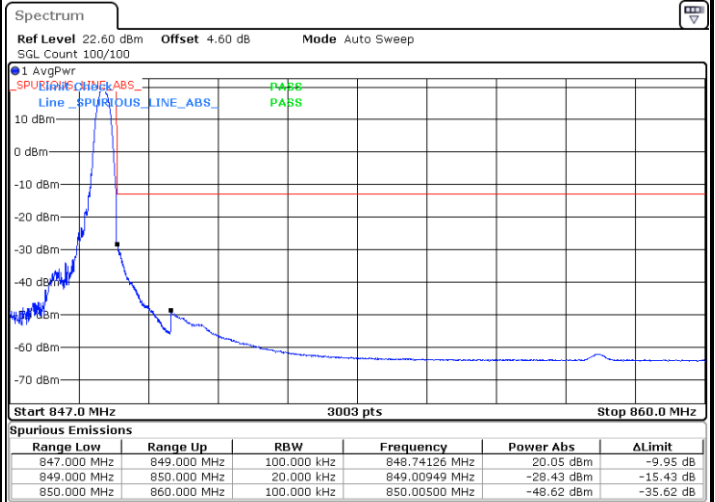
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



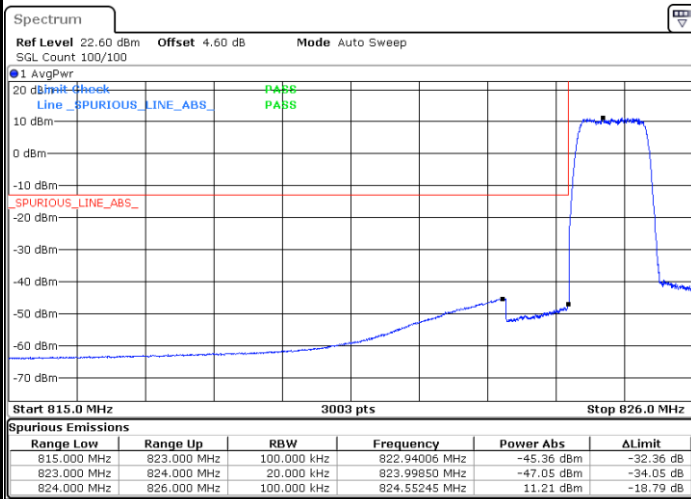
Date: 6.JUN.2020 16:20:37

Highest Band Edge / 1 RB



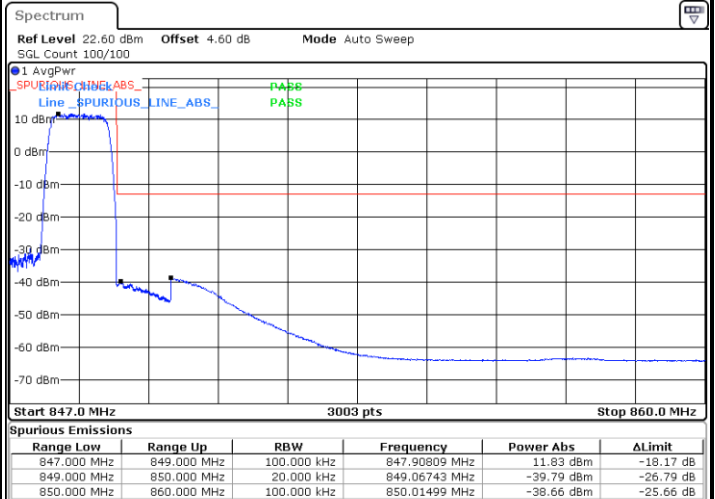
Date: 6.JUN.2020 16:26:27

Lowest Band Edge / Full RB



Date: 6.JUN.2020 17:14:33

Highest Band Edge / Full RB

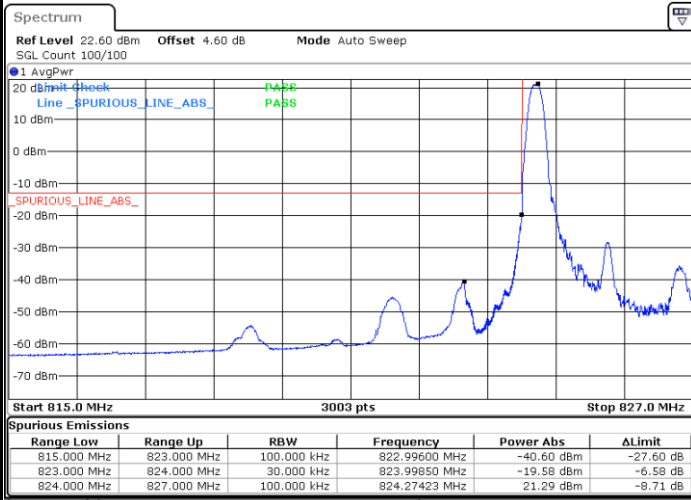


Date: 6.JUN.2020 16:24:49



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



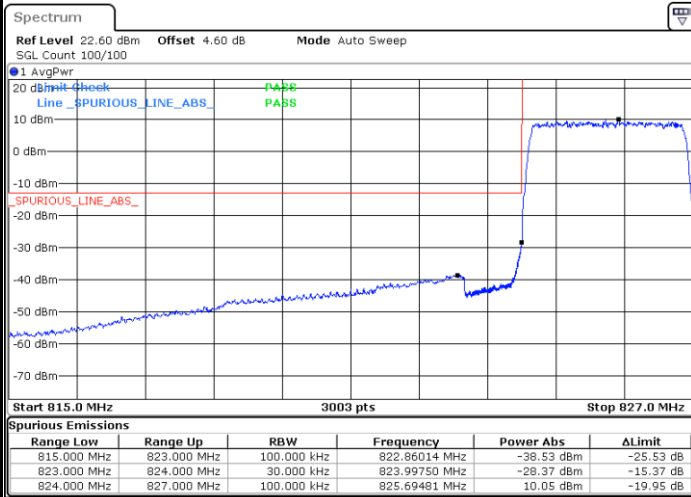
Date: 6.JUN.2020 15:14:29

Highest Band Edge / 1 RB



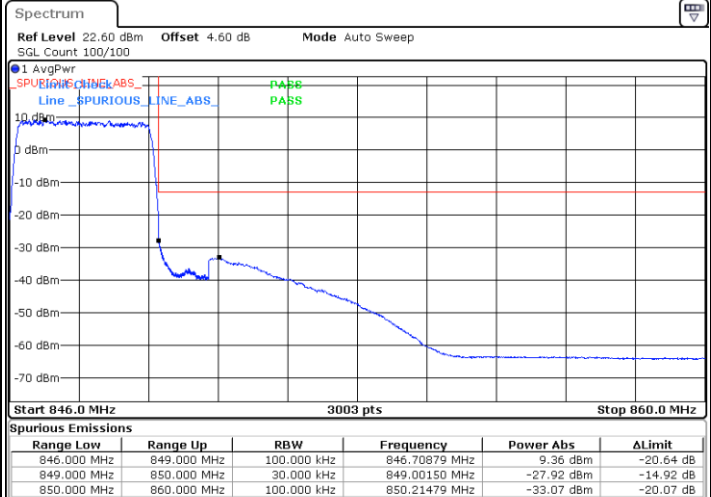
Date: 6.JUN.2020 15:26:10

Lowest Band Edge / Full RB



Date: 6.JUN.2020 15:17:45

Highest Band Edge / Full RB

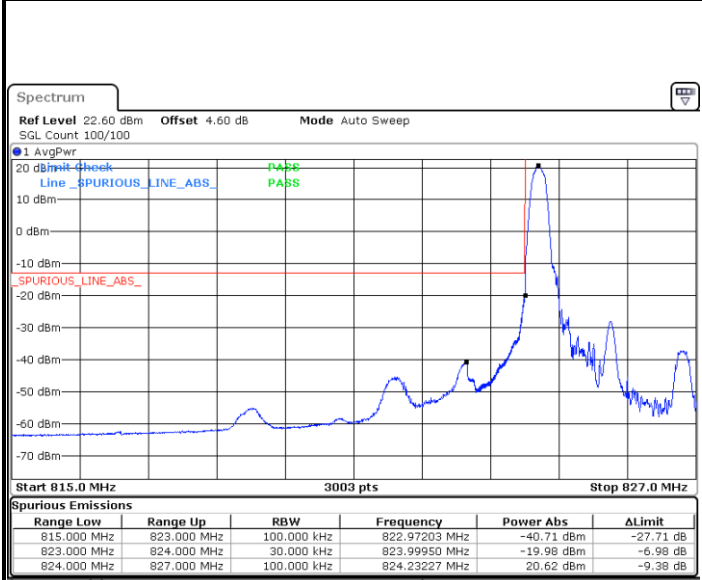


Date: 6.JUN.2020 15:29:27



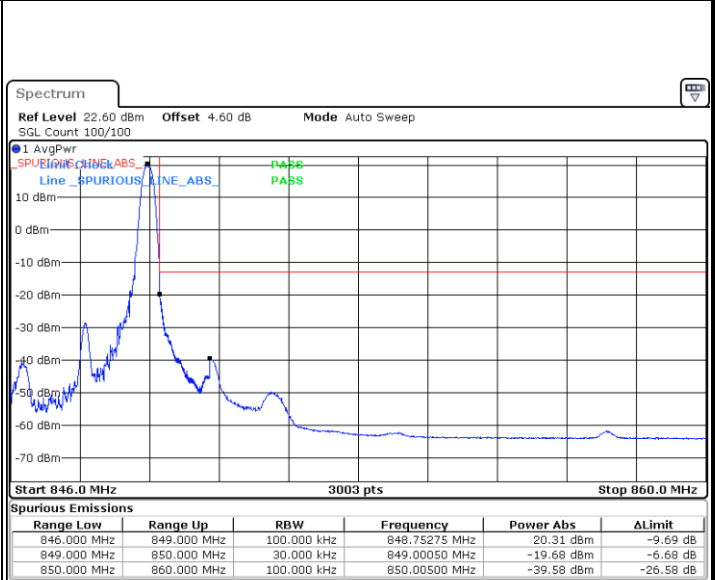
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



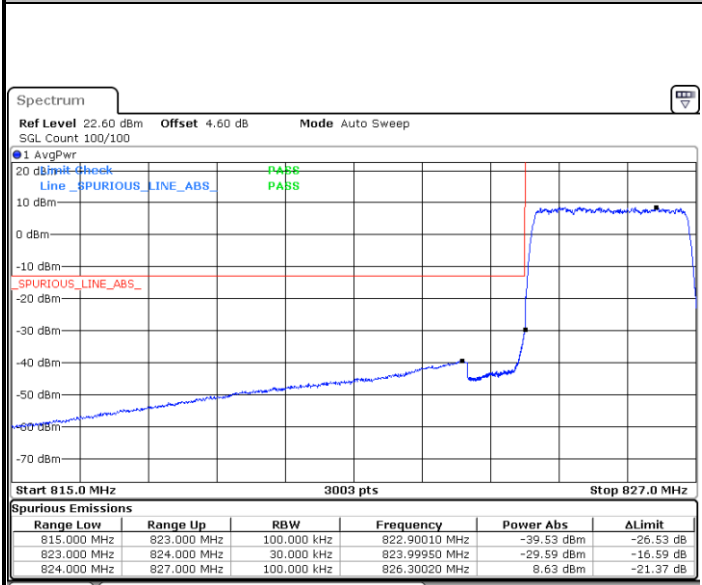
Date: 6 JUN.2020 15:16:07

Highest Band Edge / 1 RB



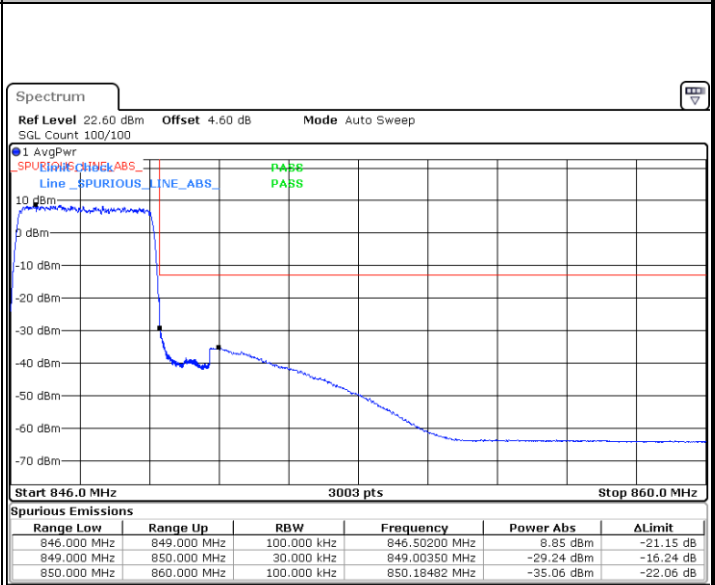
Date: 6 JUN.2020 15:27:48

Lowest Band Edge / Full RB



Date: 6 JUN.2020 15:19:24

Highest Band Edge / Full RB

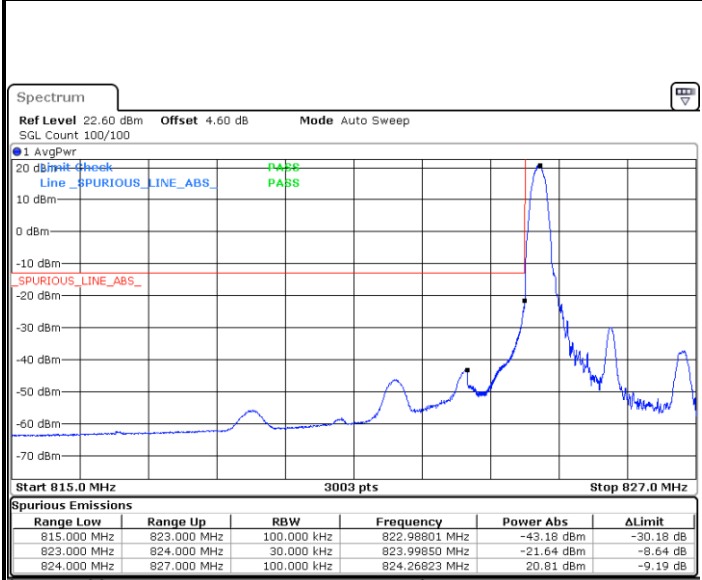


Date: 6 JUN.2020 15:31:05

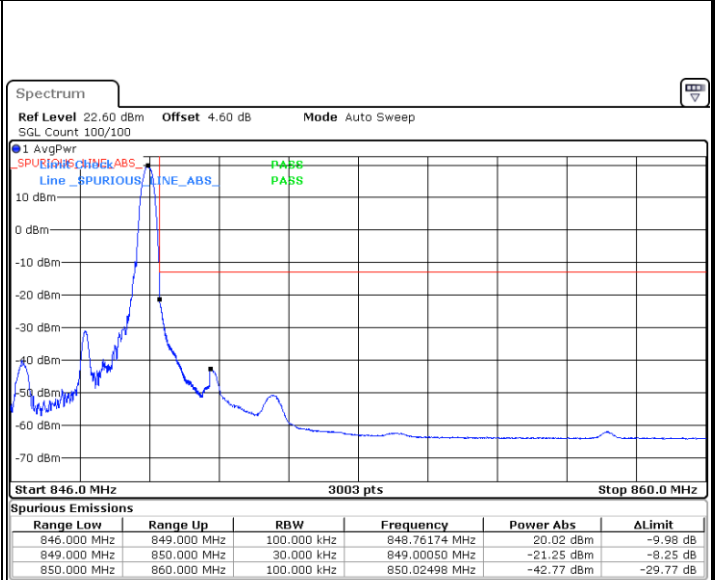


LTE Band 5 / 3MHz / 64QAM

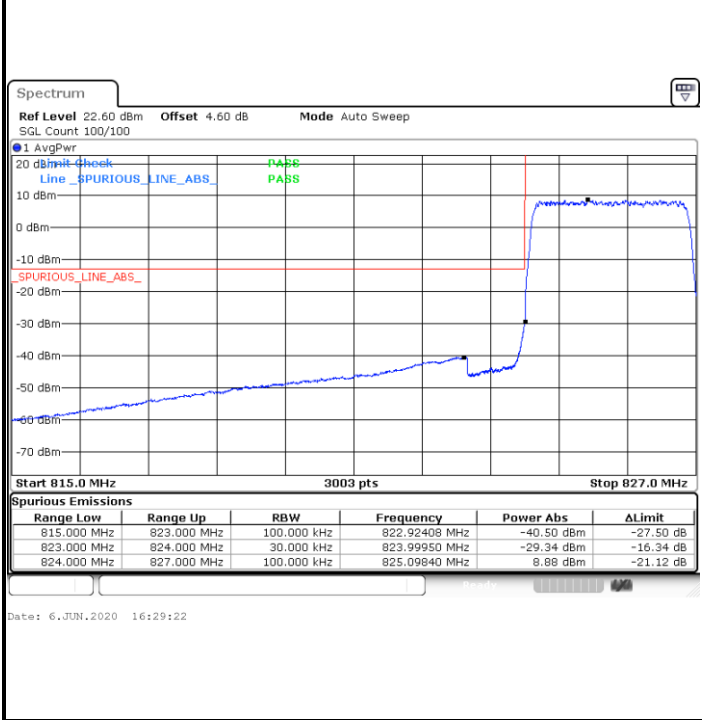
Lowest Band Edge / 1 RB



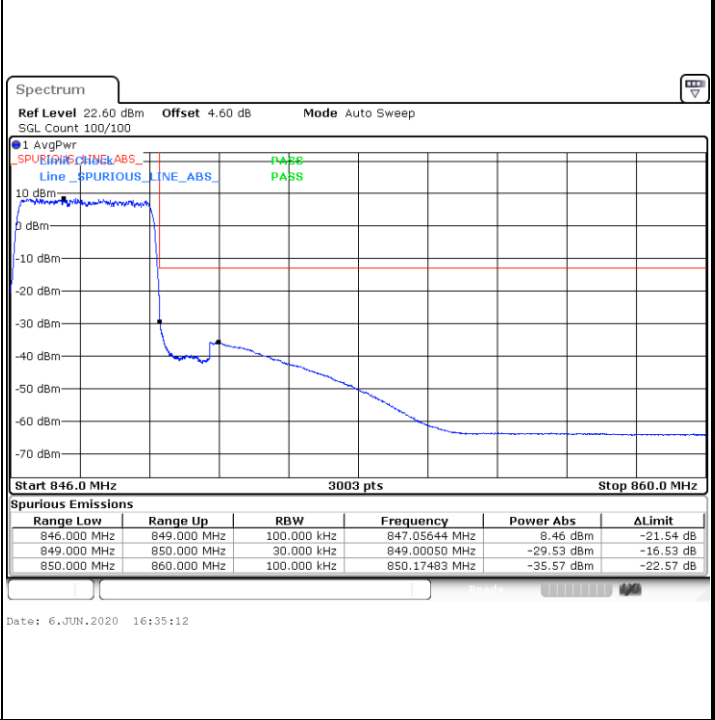
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



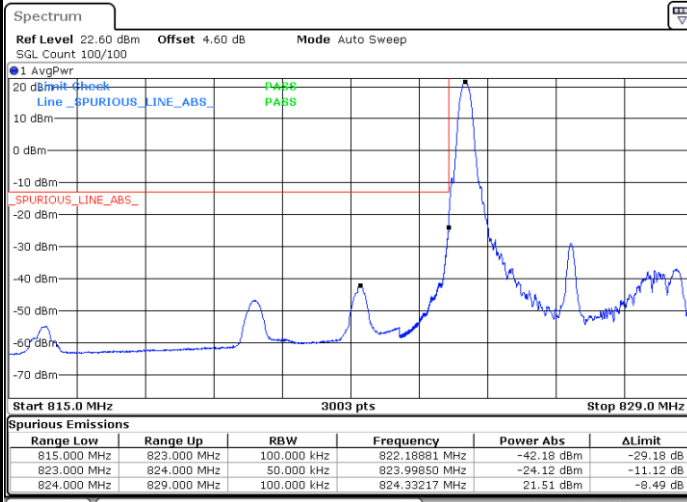
Highest Band Edge / Full RB





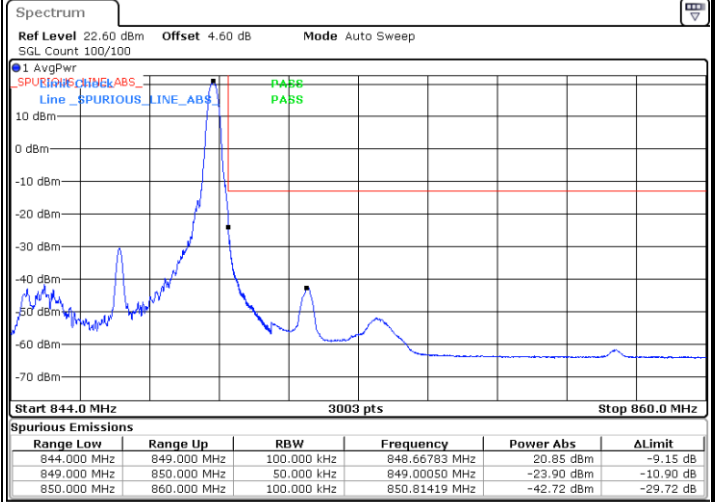
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



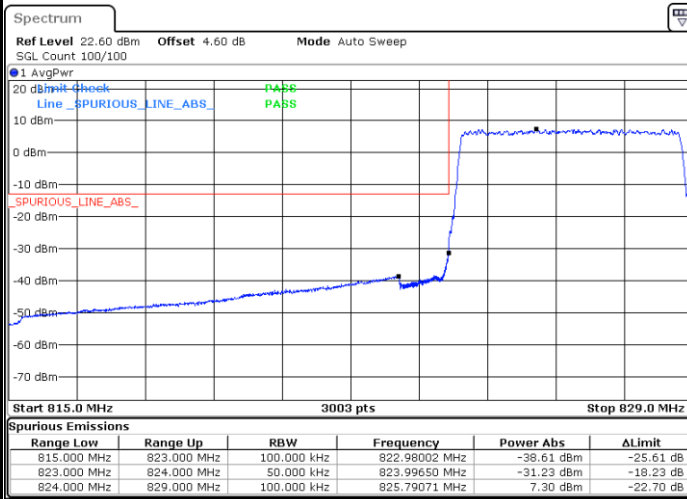
Date: 6 JUN.2020 15:35:17

Highest Band Edge / 1 RB



Date: 6 JUN.2020 15:46:58

Lowest Band Edge / Full RB



Date: 6 JUN.2020 15:38:33

Highest Band Edge / Full RB

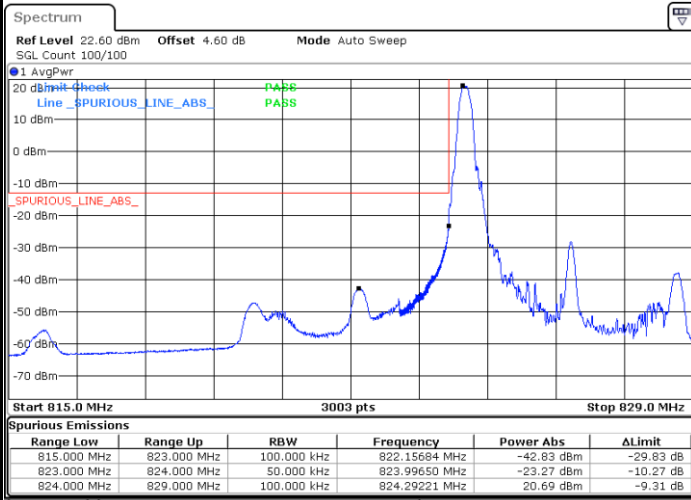


Date: 6 JUN.2020 15:50:14

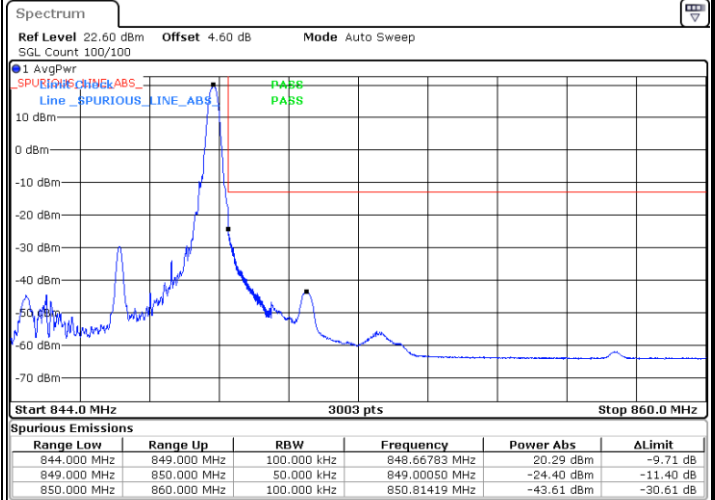


LTE Band 5 / 5MHz / 16QAM

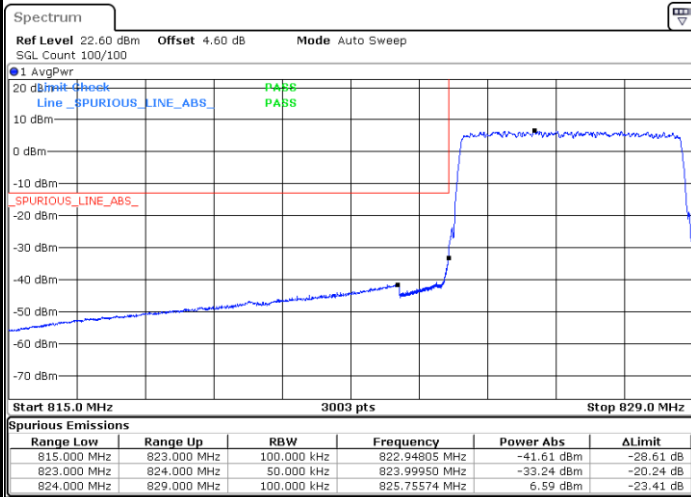
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



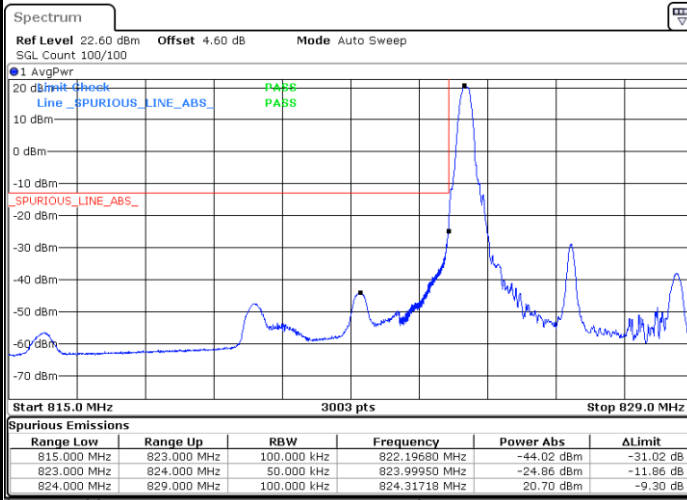
Highest Band Edge / Full RB





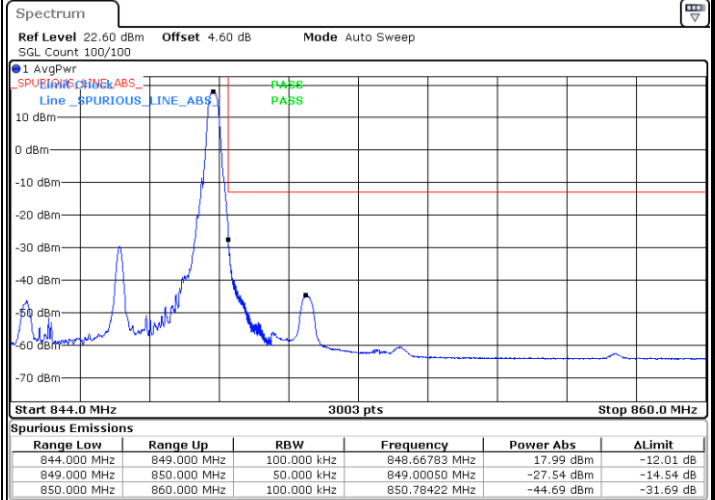
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



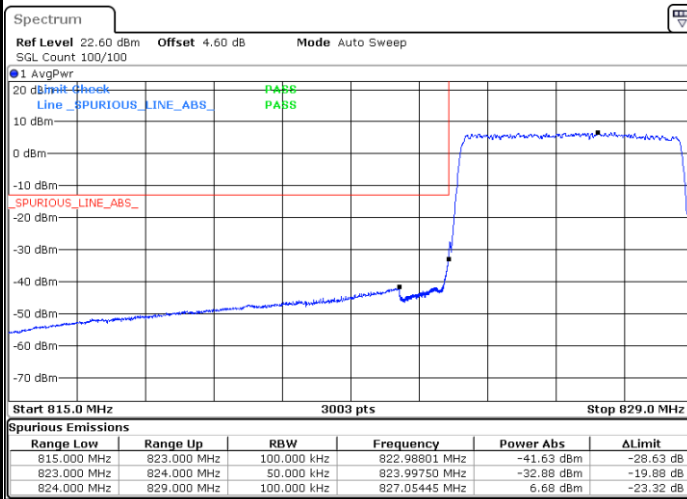
Date: 6.JUN.2020 16:41:23

Highest Band Edge / 1 RB



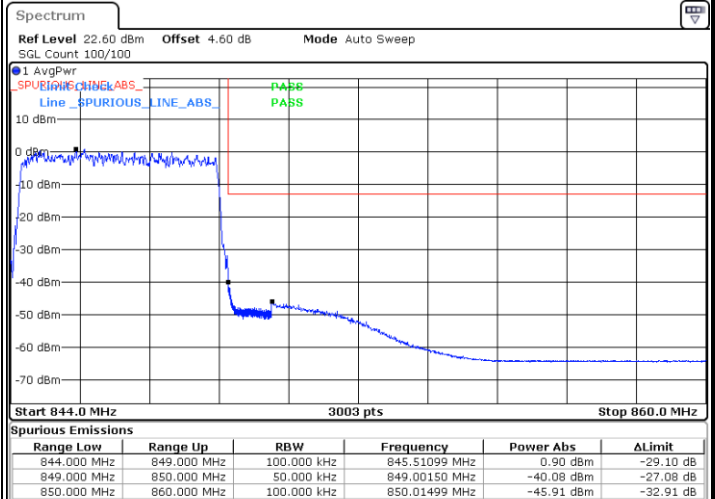
Date: 6.JUN.2020 16:56:16

Lowest Band Edge / Full RB



Date: 6.JUN.2020 16:39:45

Highest Band Edge / Full RB

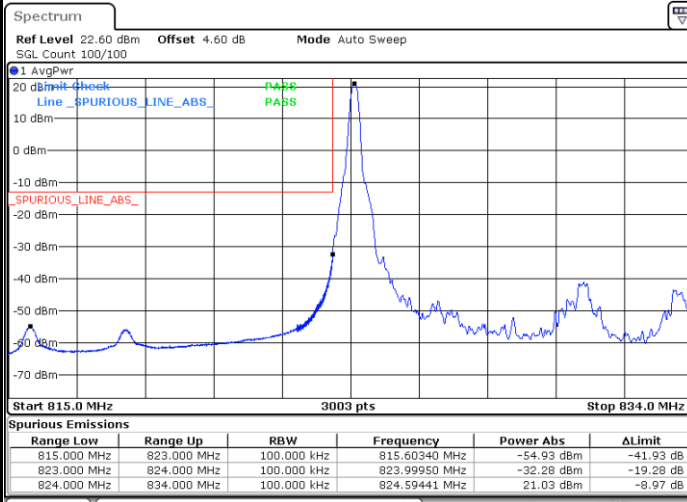


Date: 6.JUN.2020 16:45:35



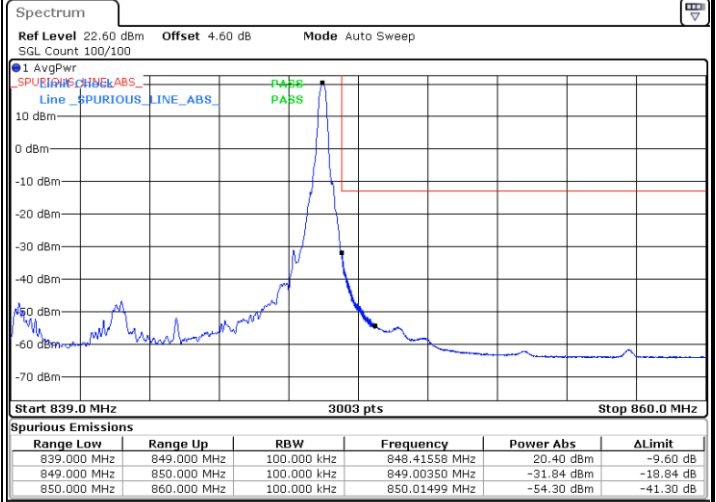
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



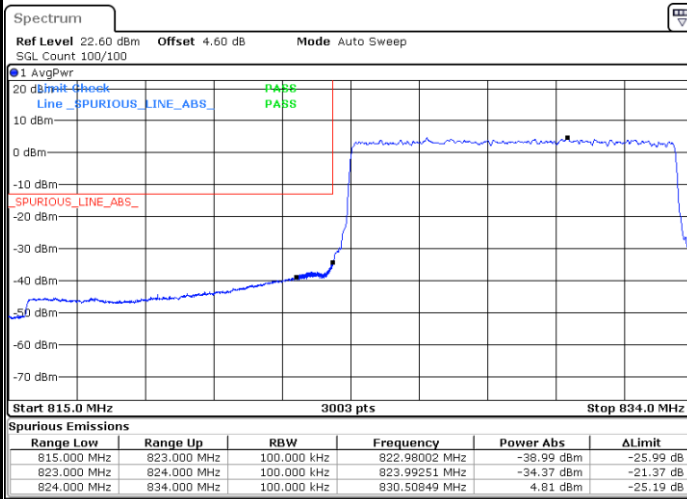
Date: 6 JUN.2020 15:56:04

Highest Band Edge / 1 RB



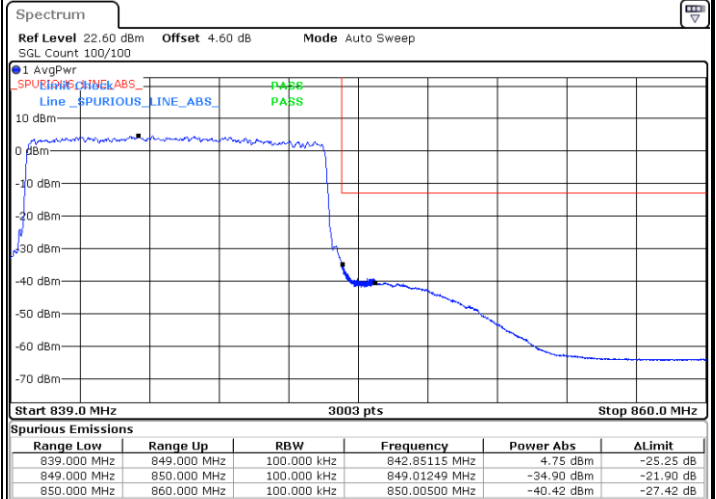
Date: 6 JUN.2020 16:07:45

Lowest Band Edge / Full RB



Date: 6 JUN.2020 15:59:20

Highest Band Edge / Full RB

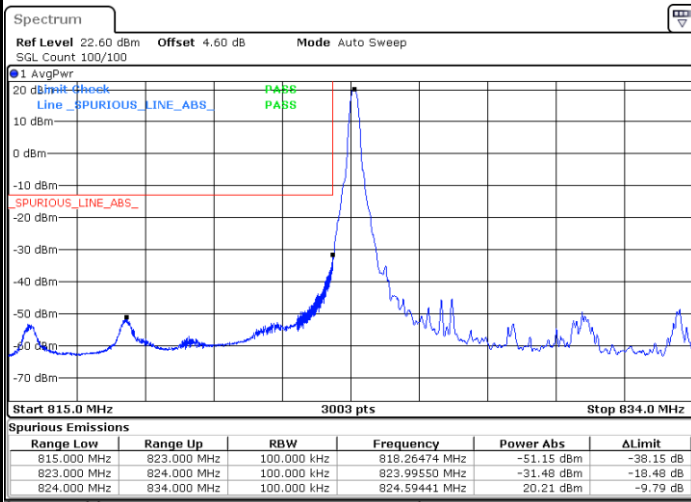


Date: 6 JUN.2020 16:11:01



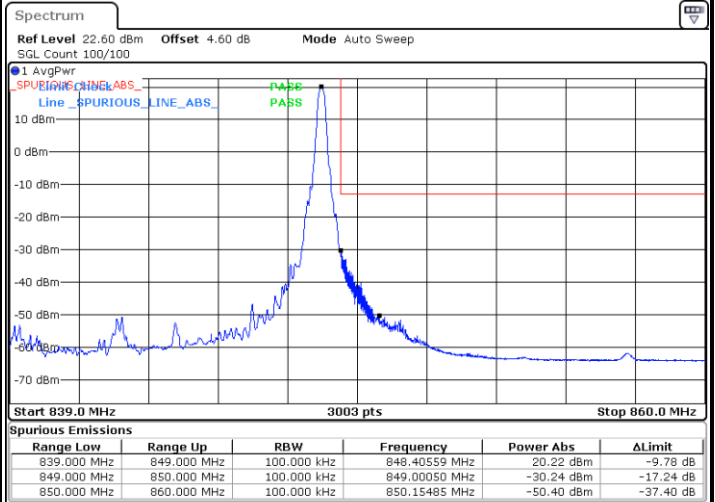
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



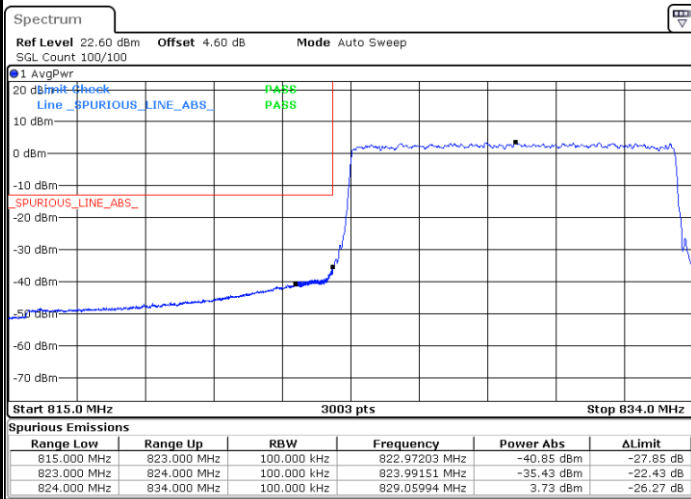
Date: 6 JUN.2020 15:57:42

Highest Band Edge / 1 RB



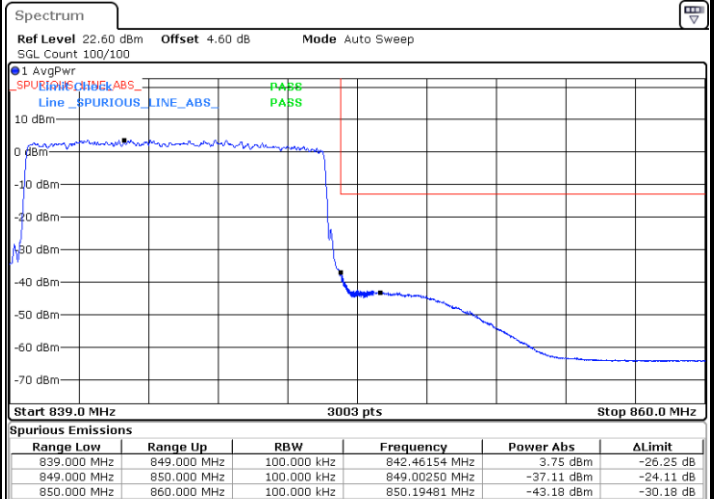
Date: 6 JUN.2020 16:09:23

Lowest Band Edge / Full RB



Date: 6 JUN.2020 16:00:58

Highest Band Edge / Full RB

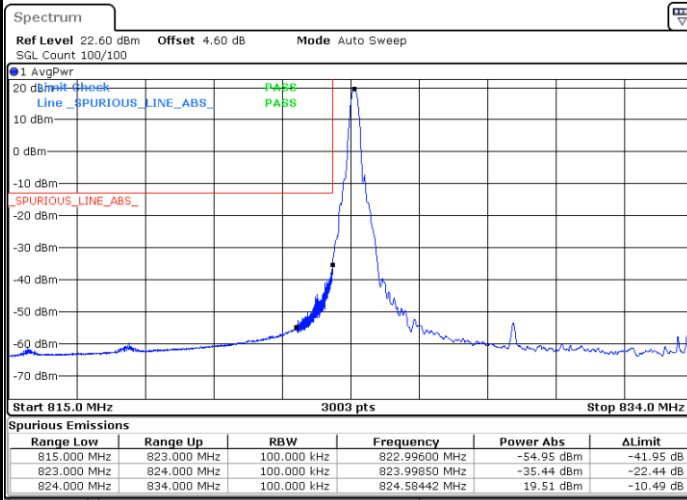


Date: 6 JUN.2020 16:12:39



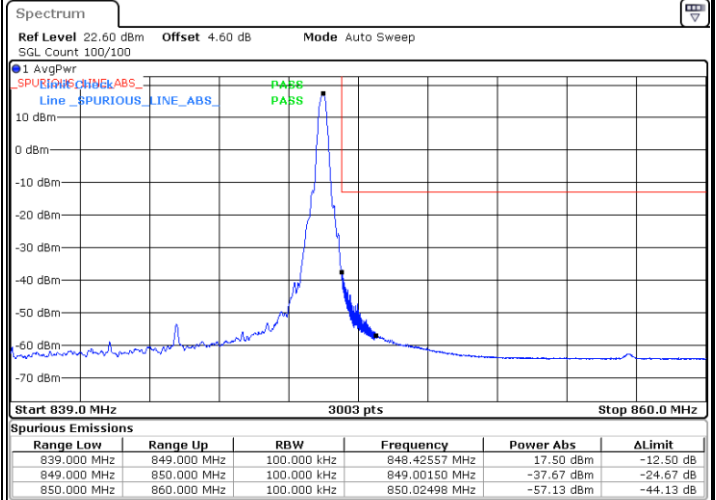
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



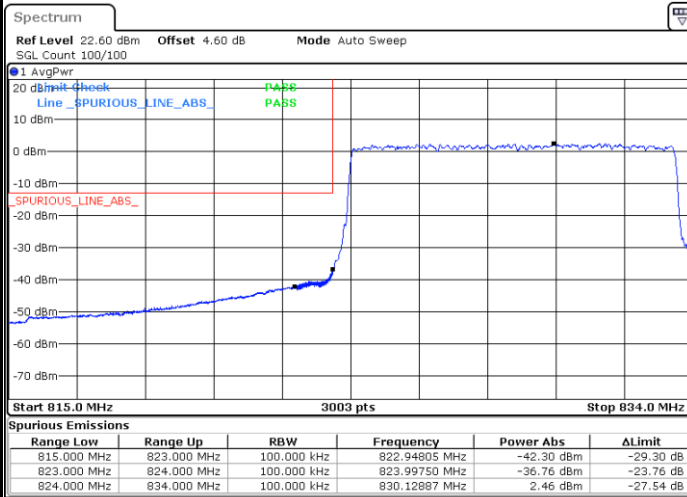
Date: 6.JUN.2020 17:00:49

Highest Band Edge / 1 RB



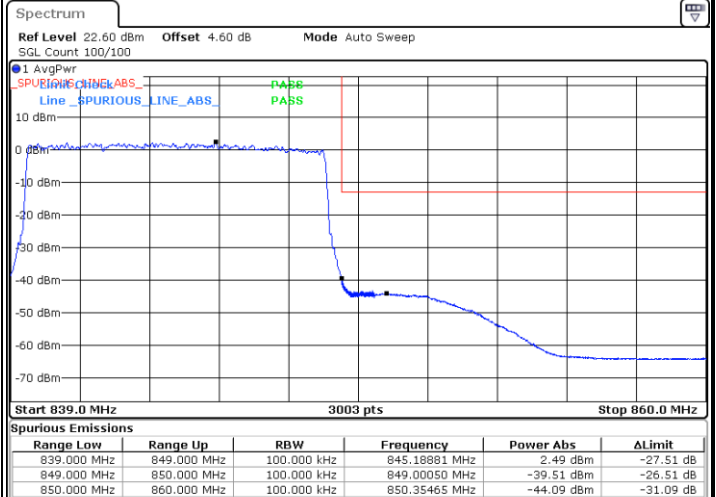
Date: 6.JUN.2020 17:06:39

Lowest Band Edge / Full RB



Date: 6.JUN.2020 16:59:11

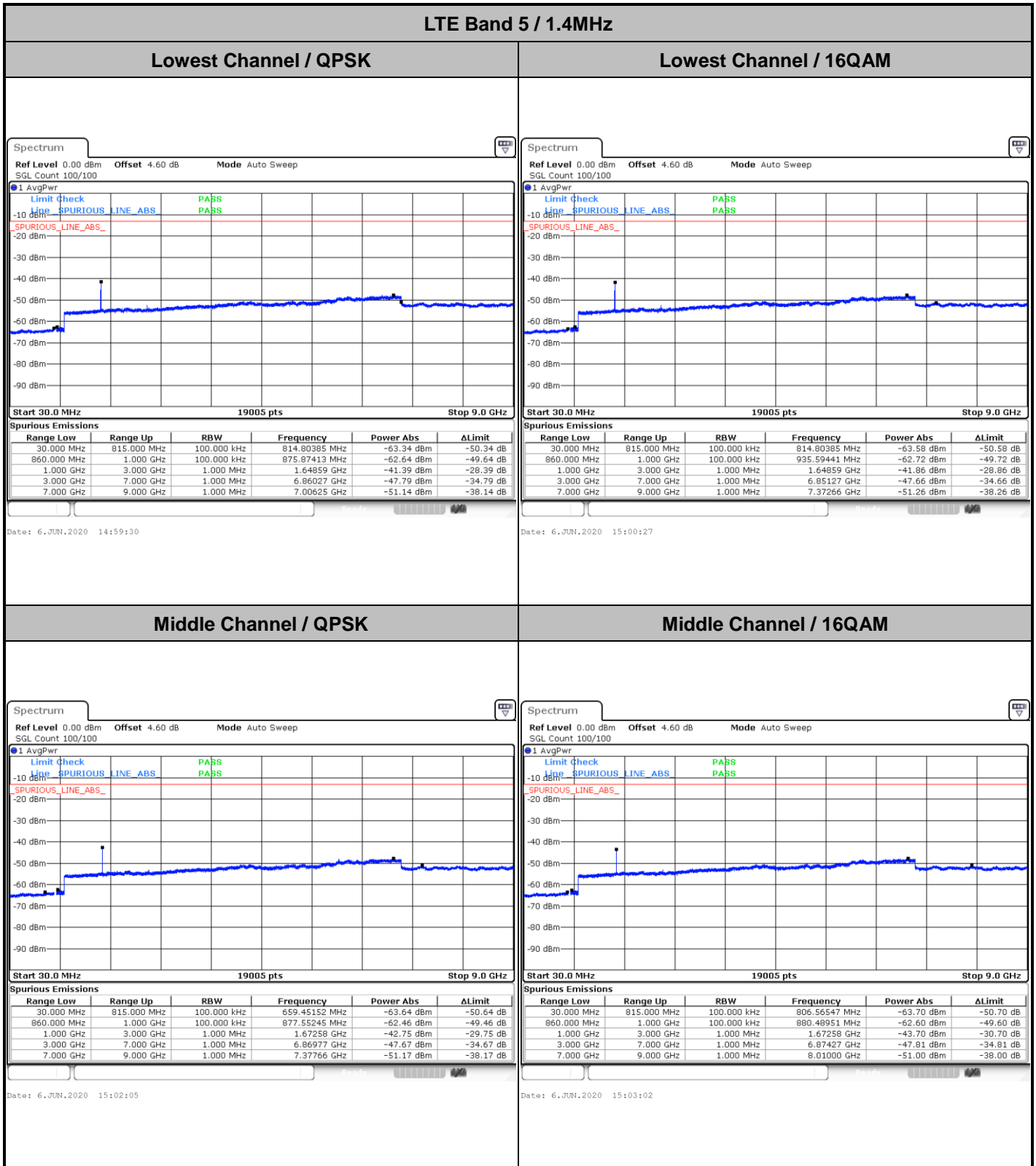
Highest Band Edge / Full RB



Date: 6.JUN.2020 17:05:01



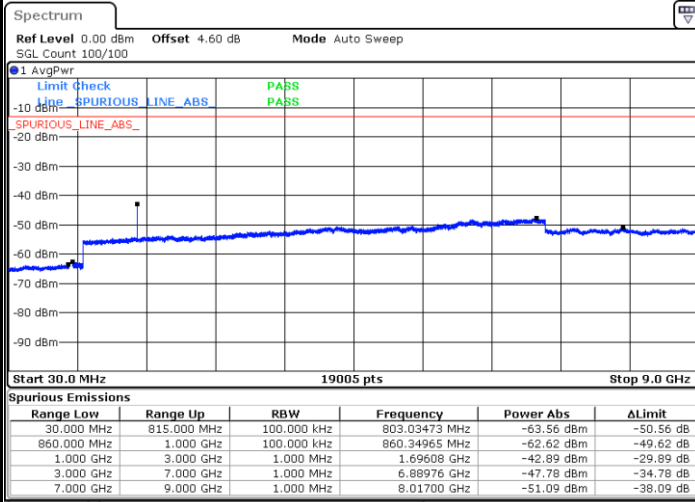
Conducted Spurious Emission





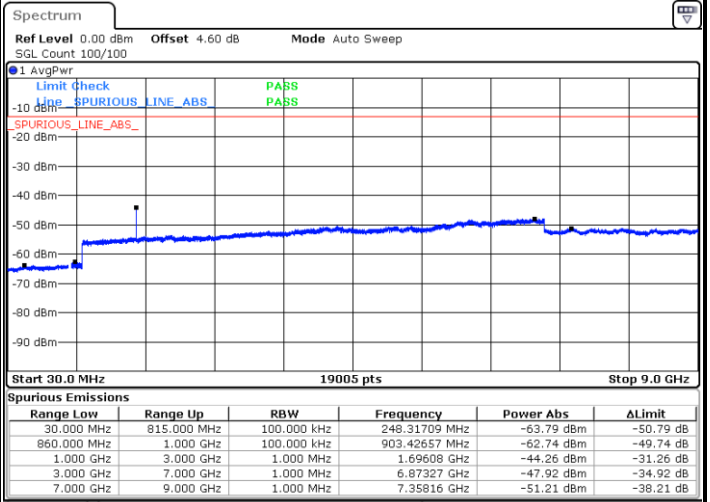
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 6 JUN.2020 15:11:12

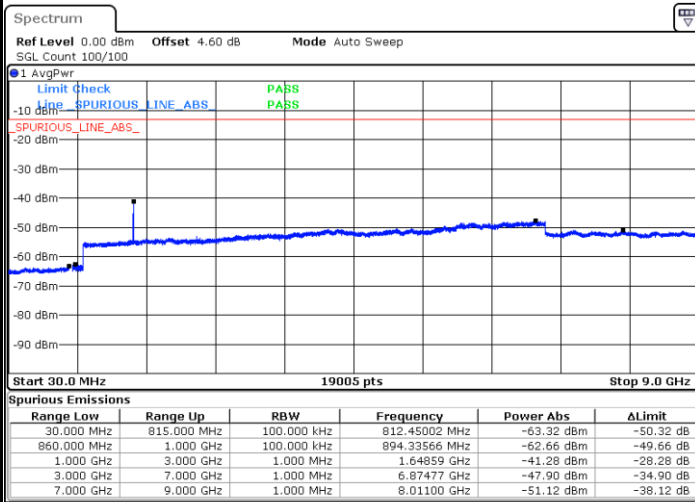
Highest Channel / 16QAM



Date: 6 JUN.2020 15:12:09

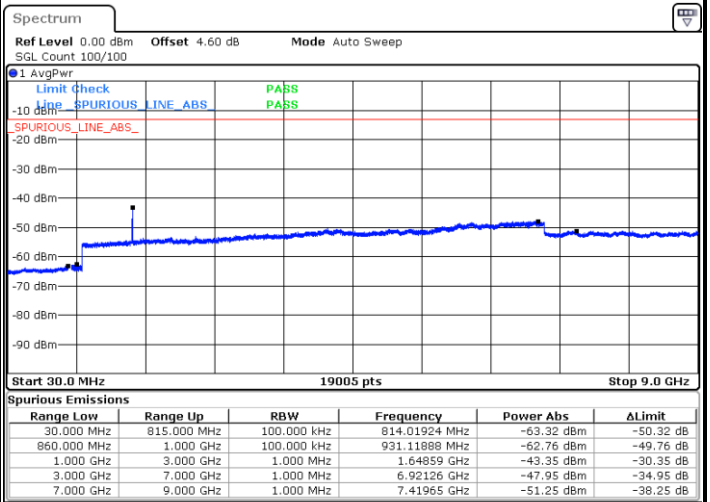
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 6 JUN.2020 15:20:19

Lowest Channel / 16QAM



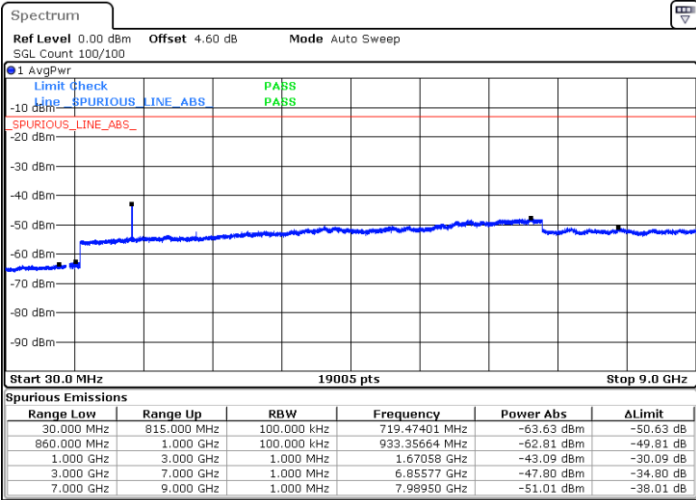
Date: 6 JUN.2020 15:21:16



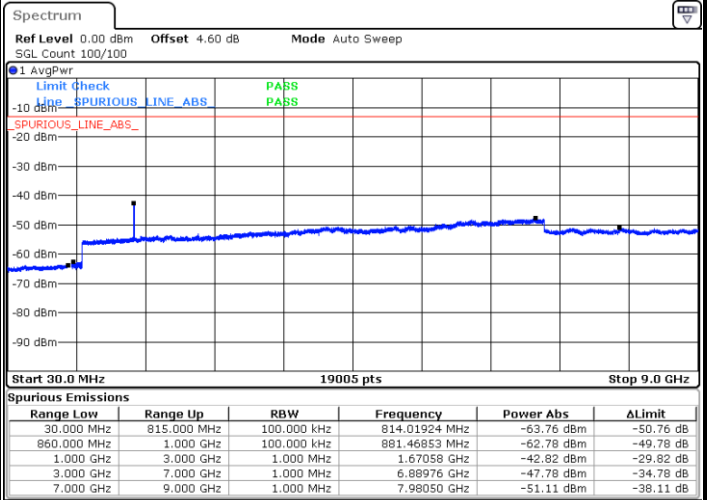
LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



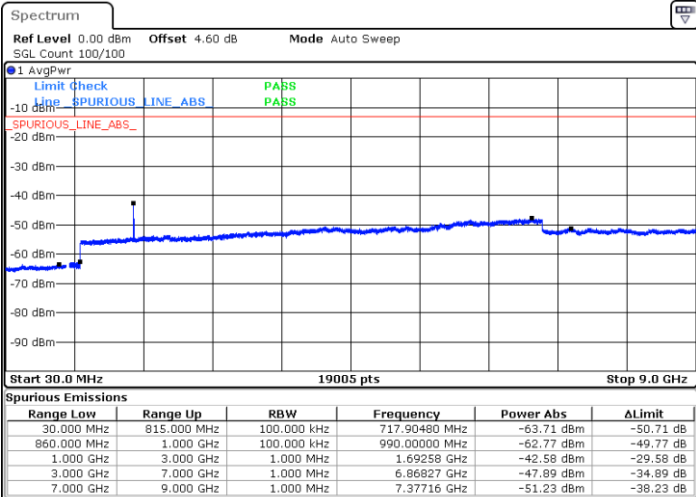
Date: 6 JUN.2020 15:22:54



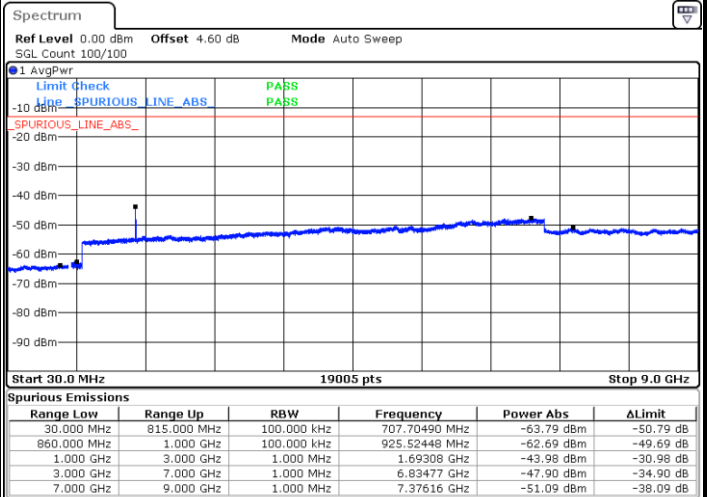
Date: 6 JUN.2020 15:23:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2020 15:32:01



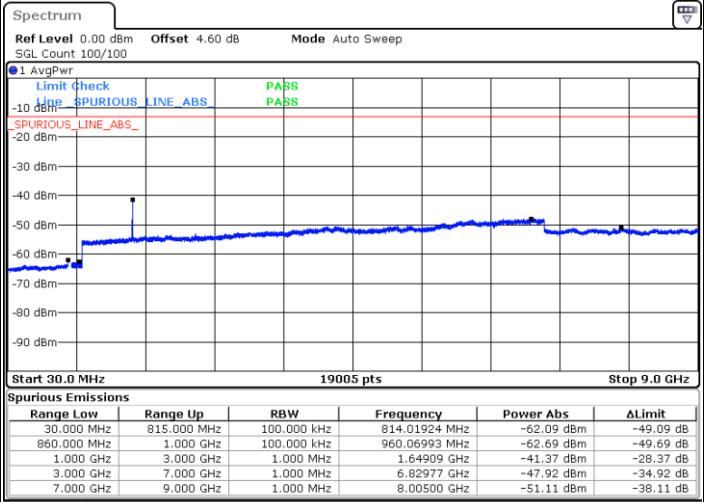
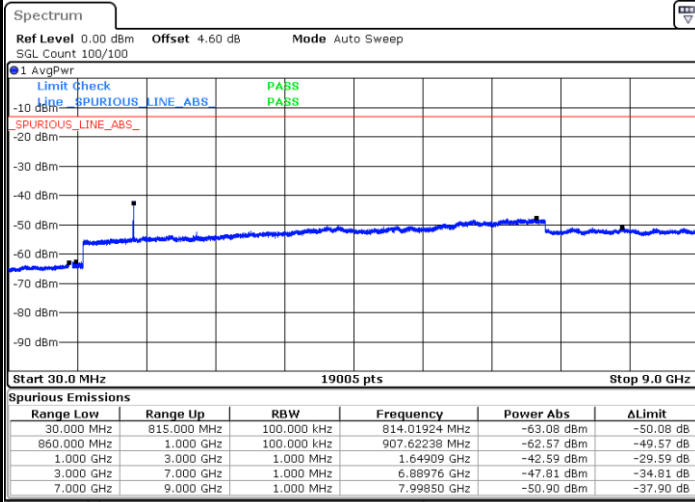
Date: 6 JUN.2020 15:32:57



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

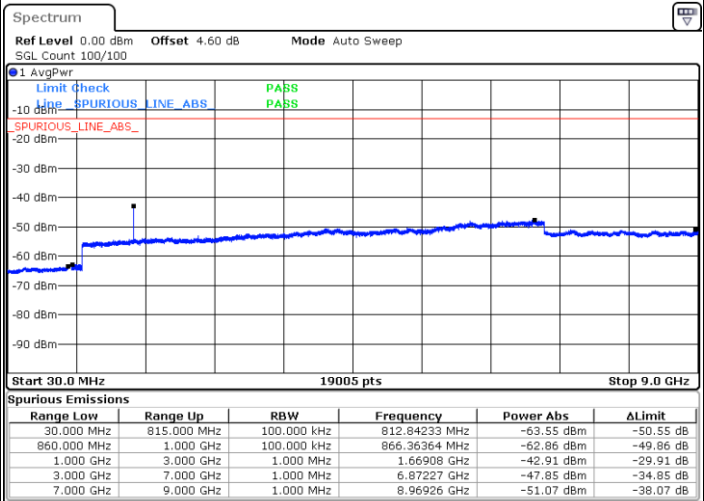
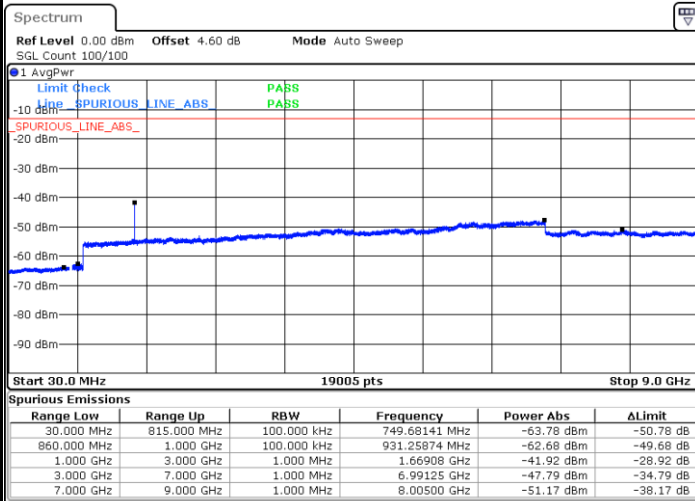


Date: 6 JUN.2020 15:41:07

Date: 6 JUN.2020 15:42:04

Middle Channel / QPSK

Middle Channel / 16QAM



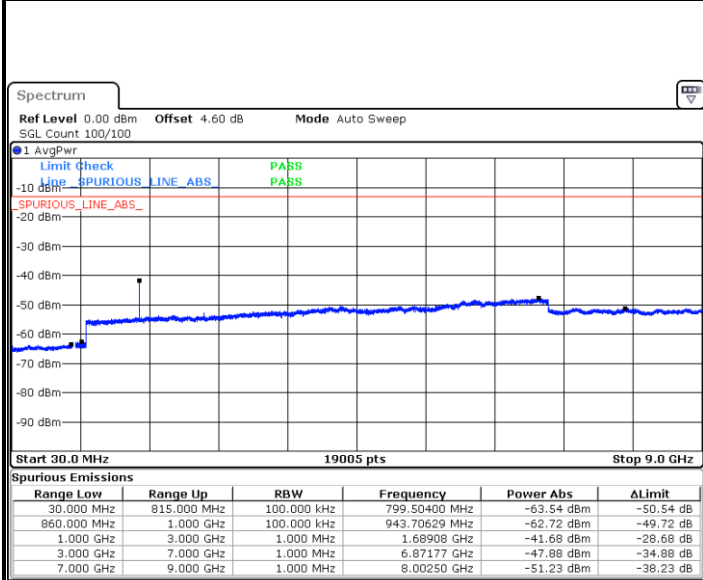
Date: 6 JUN.2020 15:43:42

Date: 6 JUN.2020 15:44:39



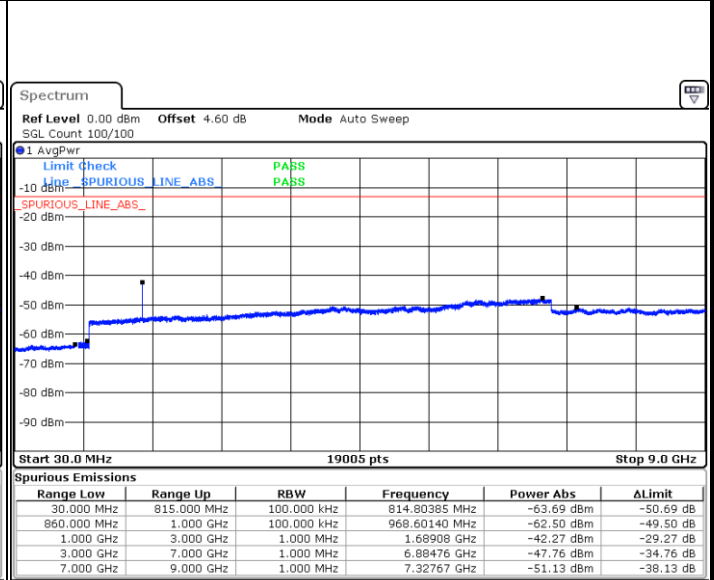
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 6 JUN.2020 15:52:48

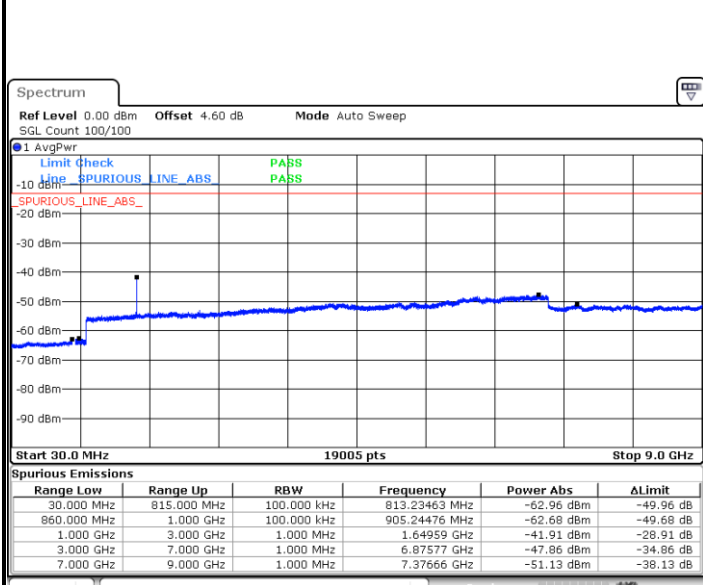
Highest Channel / 16QAM



Date: 6 JUN.2020 15:53:45

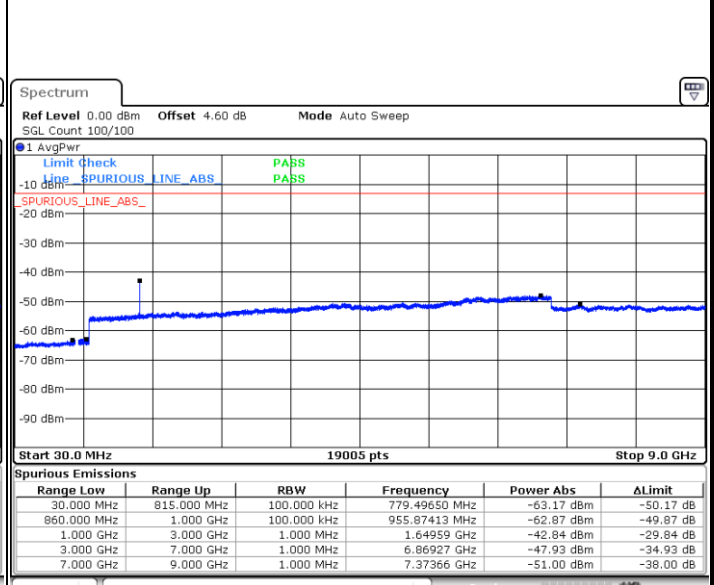
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 6 JUN.2020 16:01:54

Lowest Channel / 16QAM

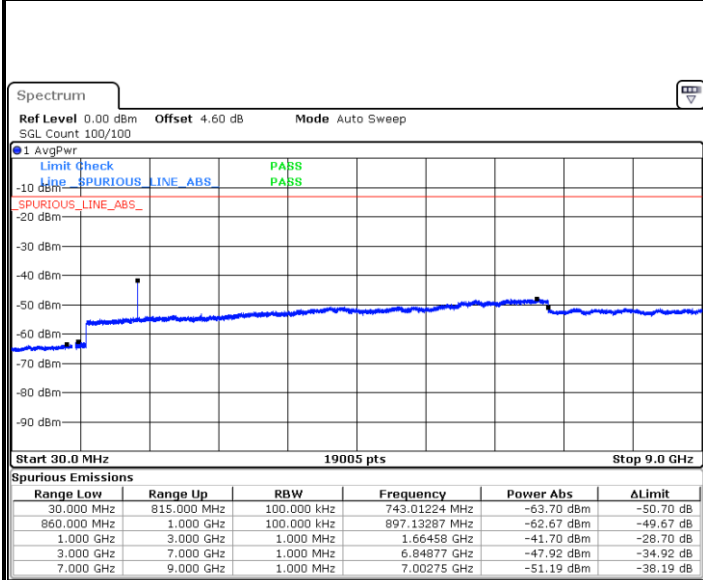


Date: 6 JUN.2020 16:02:51



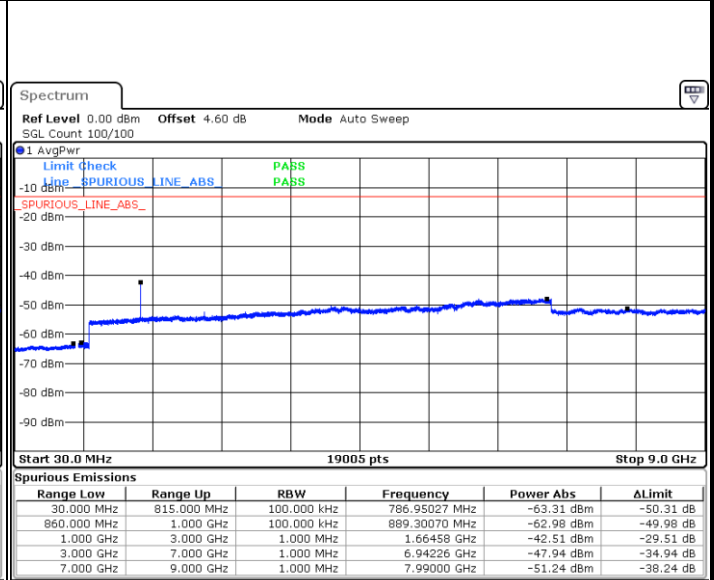
LTE Band 5 / 10MHz

Middle Channel / QPSK



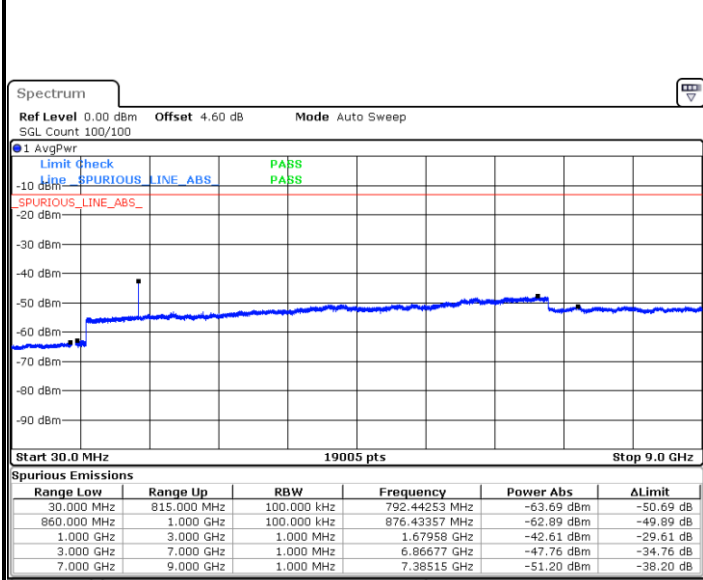
Date: 6 JUN.2020 16:04:28

Middle Channel / 16QAM



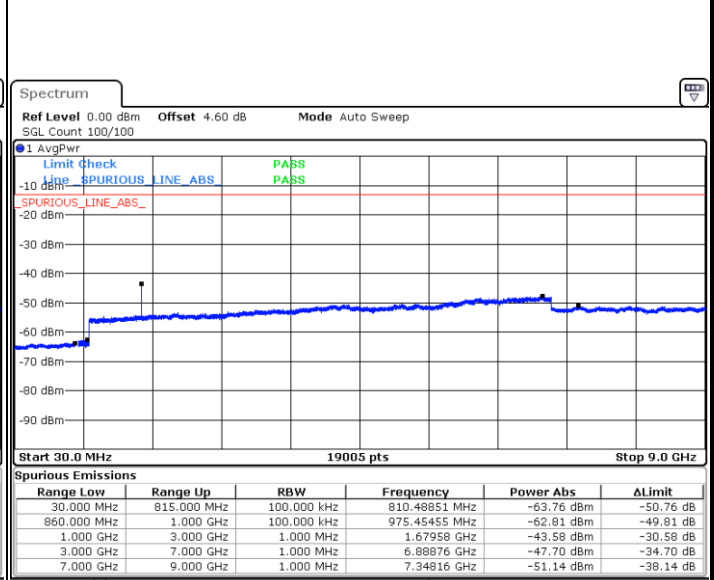
Date: 6 JUN.2020 16:05:25

Highest Channel / QPSK



Date: 6 JUN.2020 16:13:35

Highest Channel / 16QAM



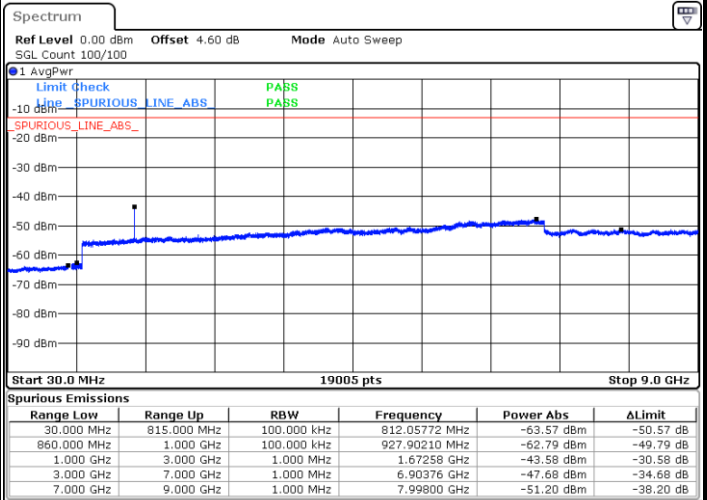
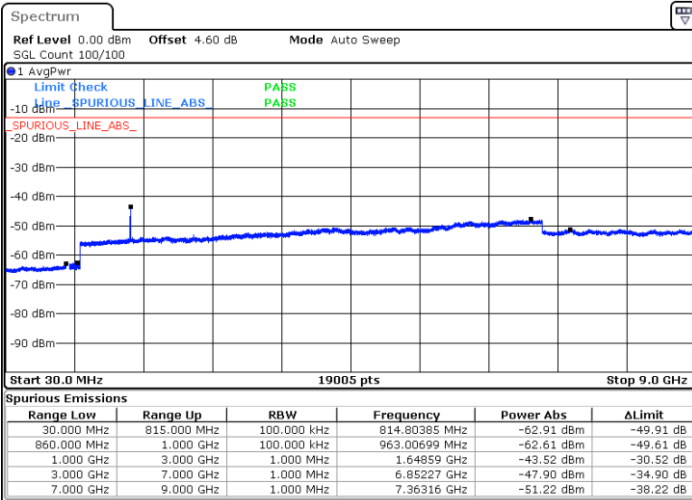
Date: 6 JUN.2020 16:14:32



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

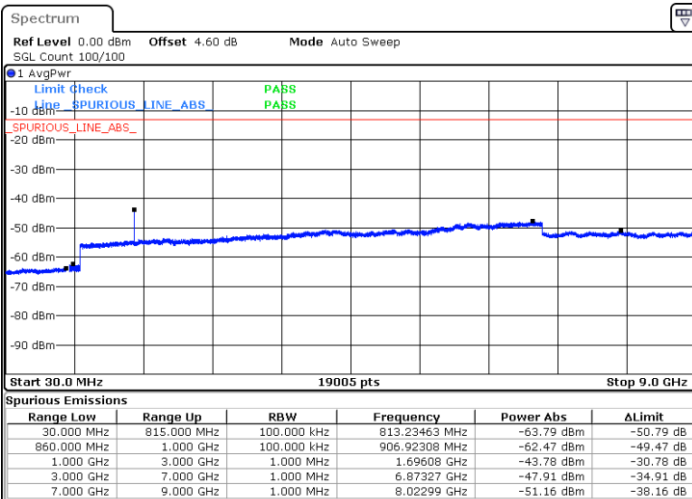
Middle Channel / 64QAM



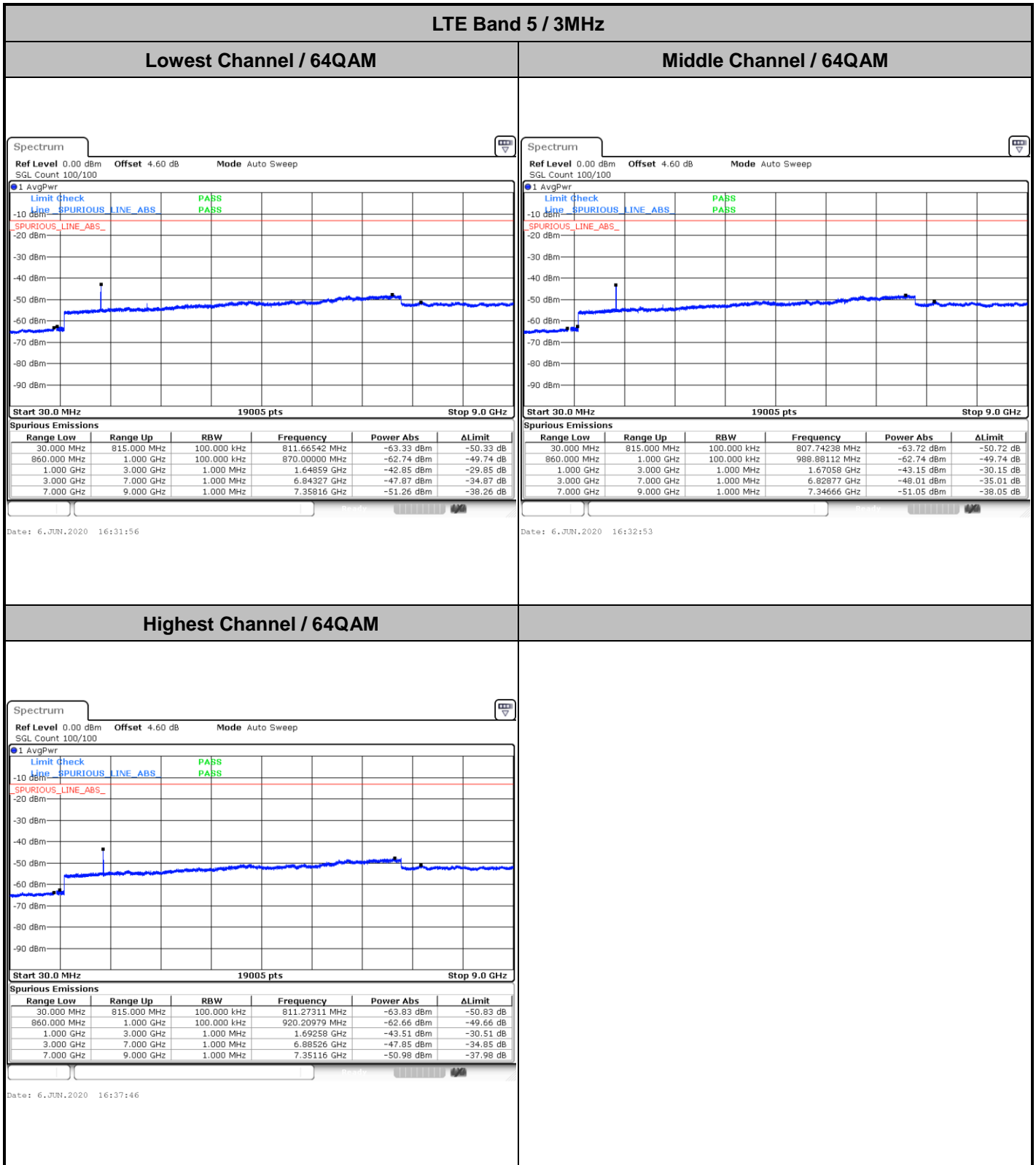
Date: 6 JUN.2020 16:21:32

Date: 6 JUN.2020 16:22:29

Highest Channel / 64QAM



Date: 6 JUN.2020 16:27:23

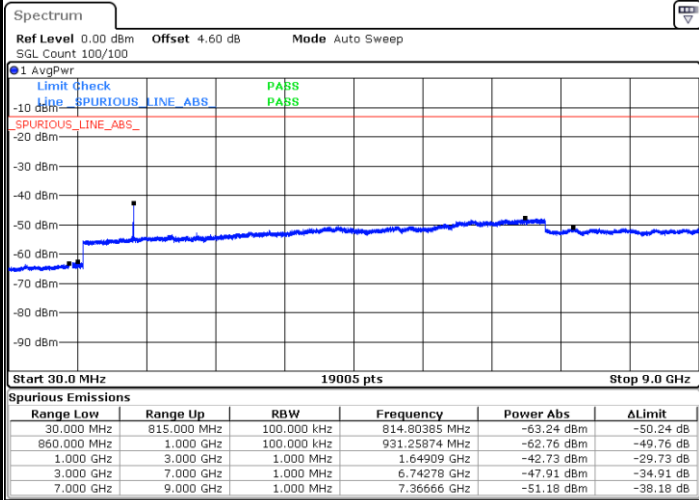




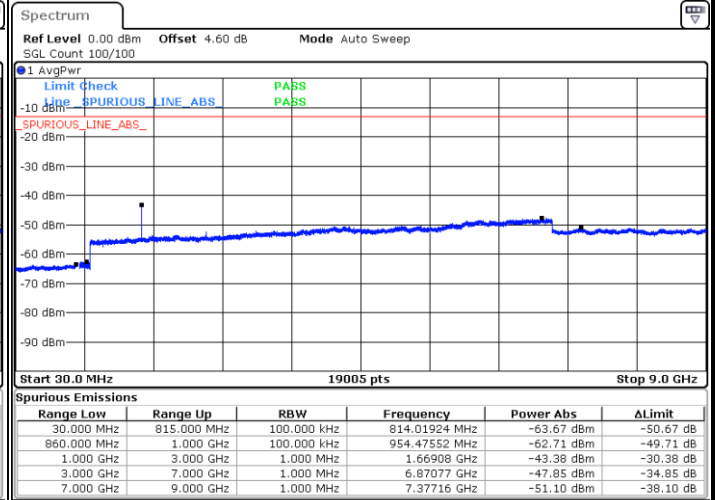
LTE Band 5 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

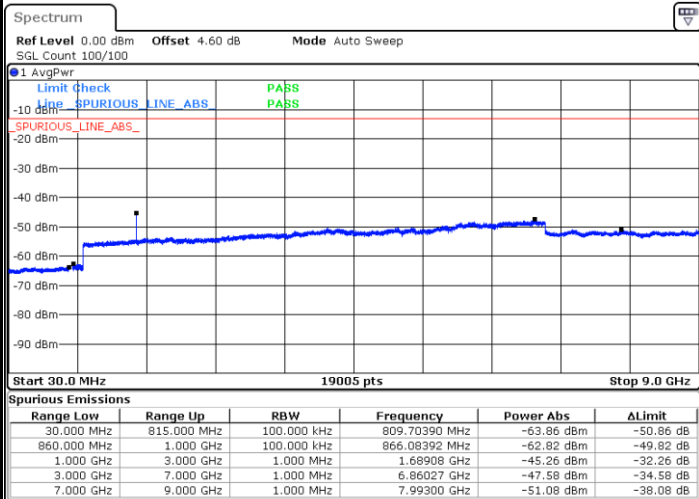


Date: 6 JUN.2020 16:42:19



Date: 6 JUN.2020 16:43:15

Highest Channel / 64QAM



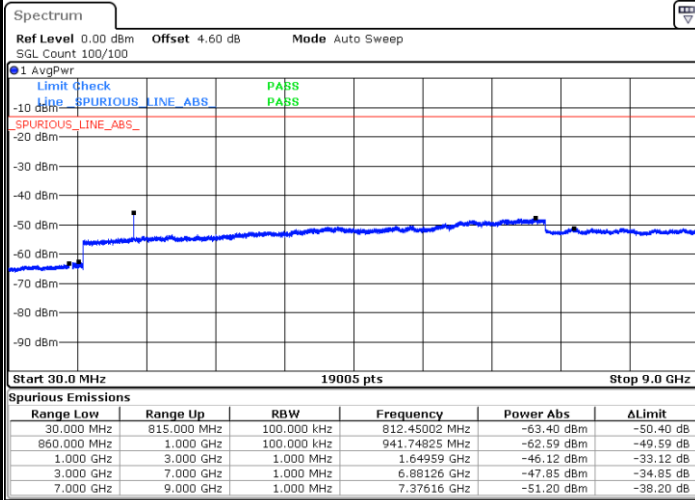
Date: 6 JUN.2020 16:57:12



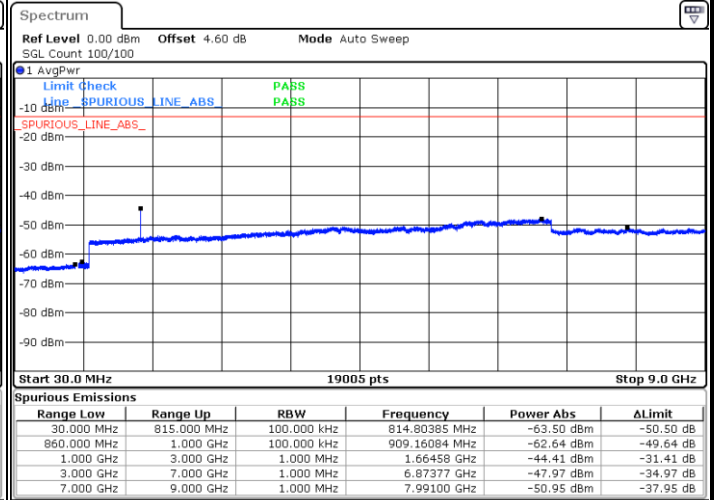
LTE Band 5 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

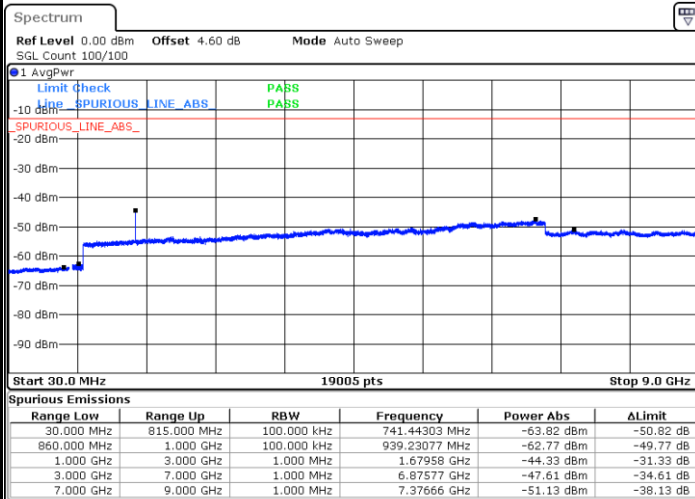


Date: 6 JUN.2020 17:01:45



Date: 6 JUN.2020 17:02:41

Highest Channel / 64QAM



Date: 6 JUN.2020 17:07:35



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0055	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.84	4.99	5.88	PASS
Middle CH	3.59	4.81	5.07	5.80	
Highest CH	3.57	4.93	4.75	5.83	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.12	6.41	-	-	PASS
Middle CH	6.43	6.32	-	-	
Highest CH	5.94	6.38	-	-	