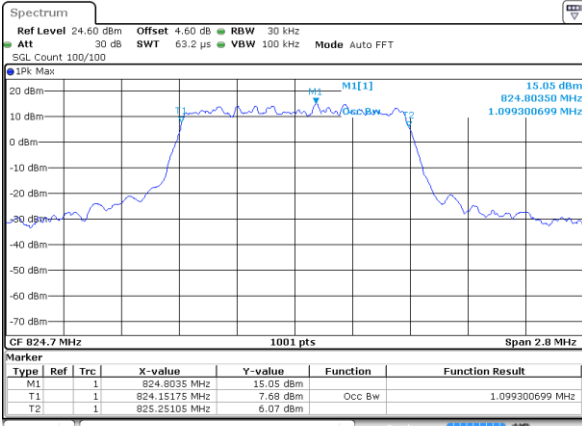




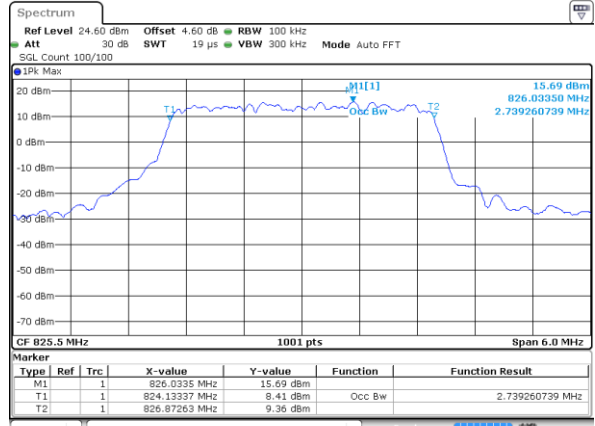
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



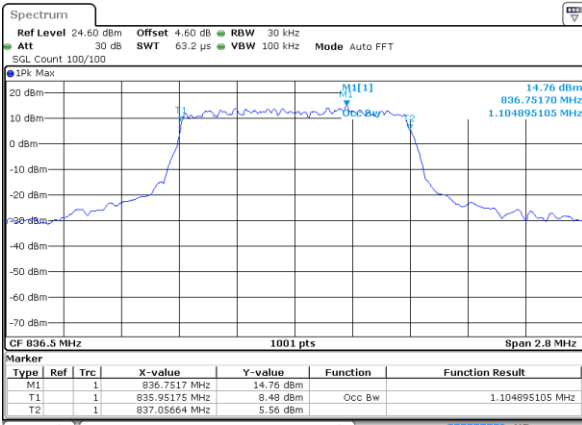
Date: 14 NOV 2020 21:29:46

Lowest Channel / 3MHz / 64QAM



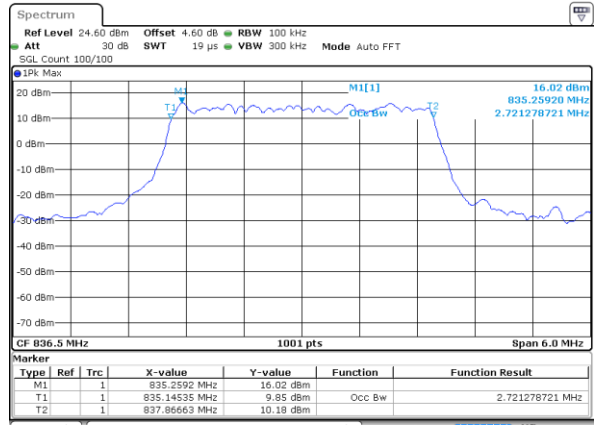
Date: 14 NOV 2020 21:40:00

Middle Channel / 1.4MHz / 64QAM



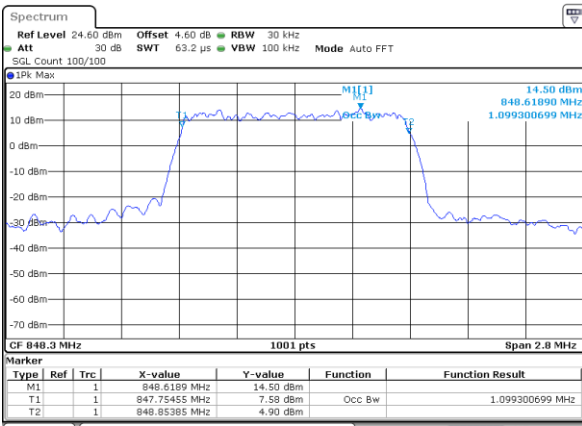
Date: 14 NOV 2020 21:35:10

Middle Channel / 3MHz / 64QAM



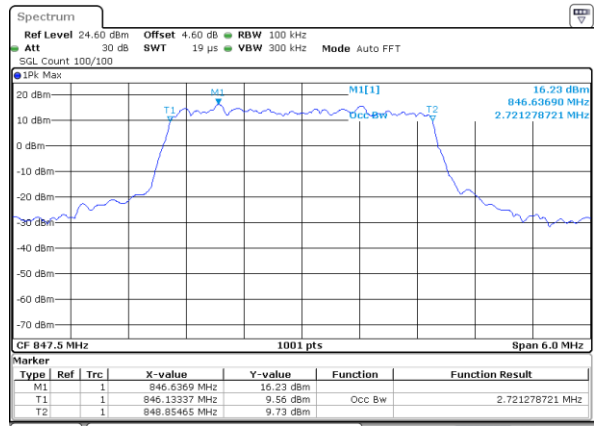
Date: 14 NOV 2020 21:45:24

Highest Channel / 1.4MHz / 64QAM



Date: 14 NOV 2020 21:35:30

Highest Channel / 3MHz / 64QAM

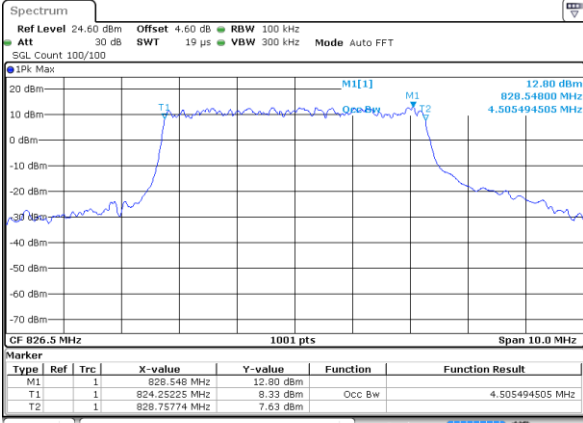


Date: 14 NOV 2020 21:45:44



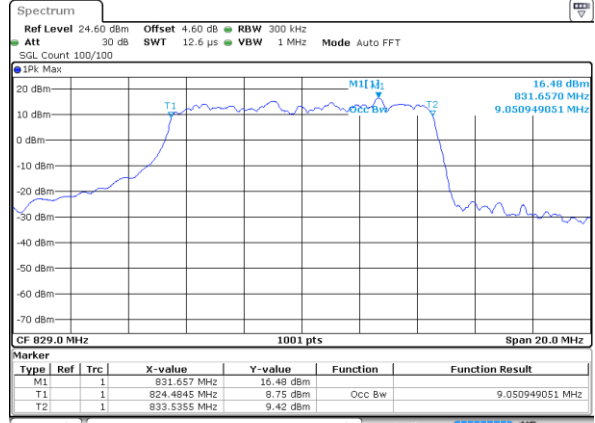
LTE Band 5

Lowest Channel / 5MHz / 64QAM



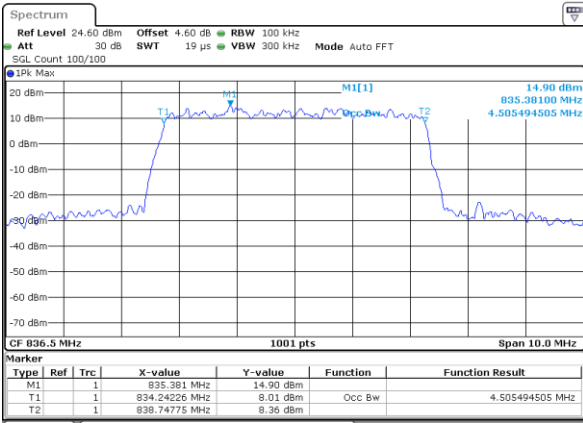
Date: 14 NOV 2020 21:50:14

Lowest Channel / 10MHz / 64QAM



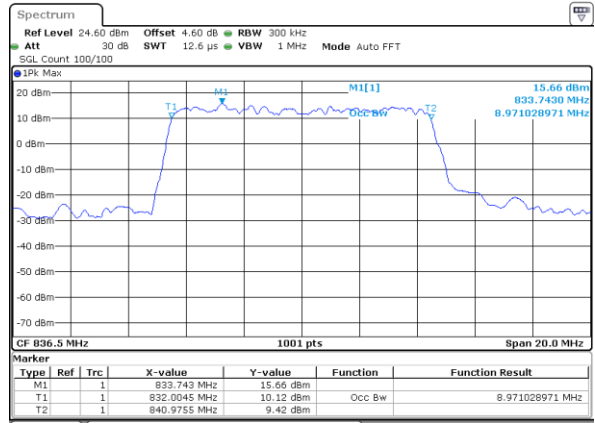
Date: 14 NOV 2020 22:00:28

Middle Channel / 5MHz / 64QAM



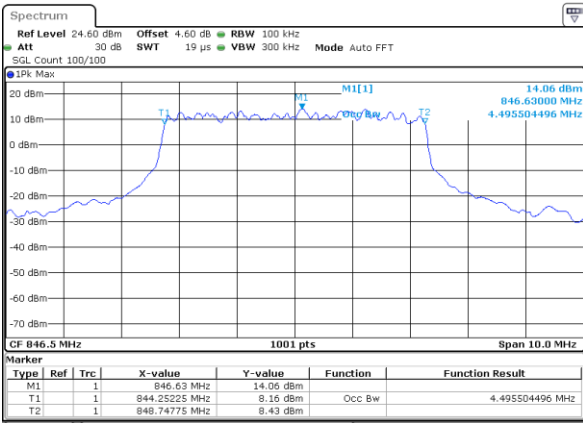
Date: 14 NOV 2020 21:55:38

Middle Channel / 10MHz / 64QAM



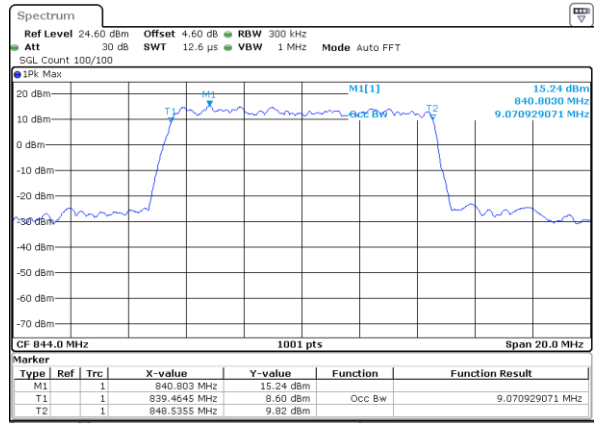
Date: 14 NOV 2020 22:05:52

Highest Channel / 5MHz / 64QAM



Date: 14 NOV 2020 21:55:58

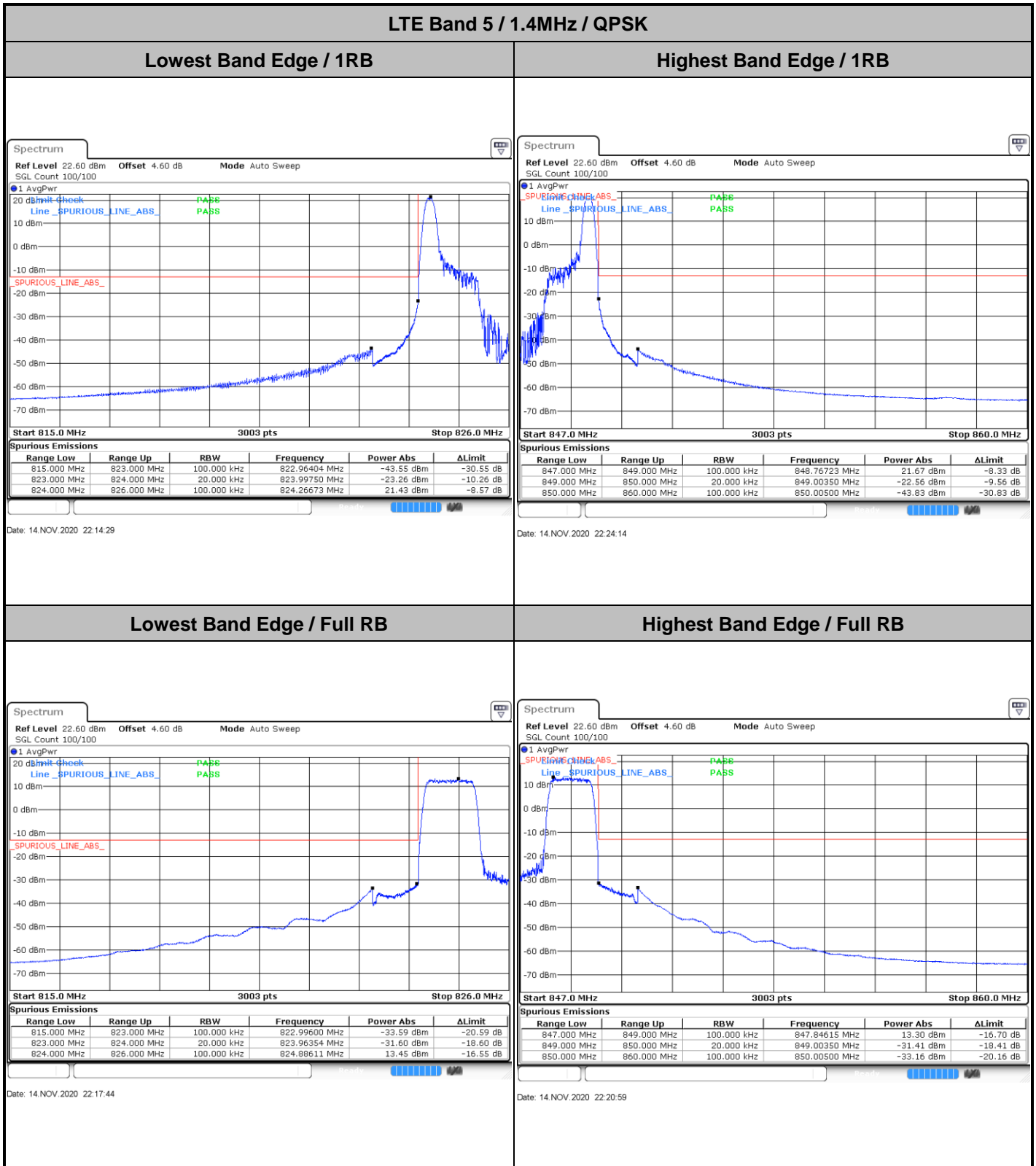
Highest Channel / 10MHz / 64QAM



Date: 14 NOV 2020 22:06:12



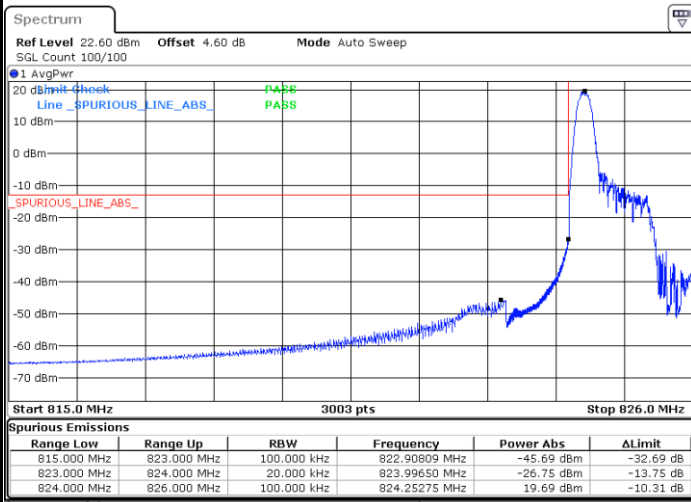
# Conducted Band Edge





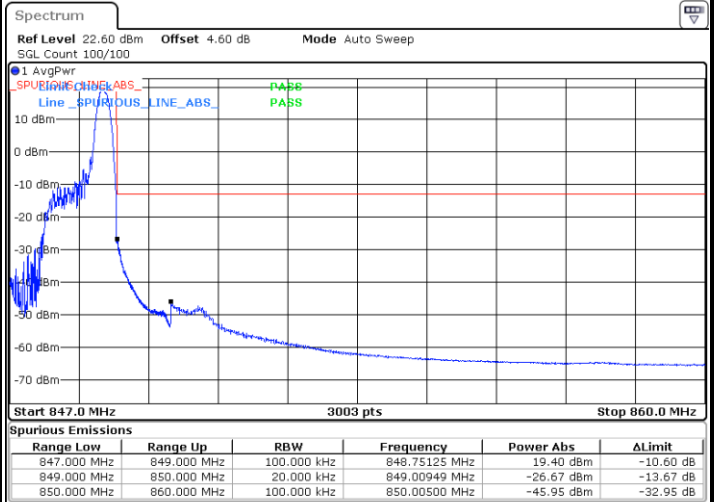
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



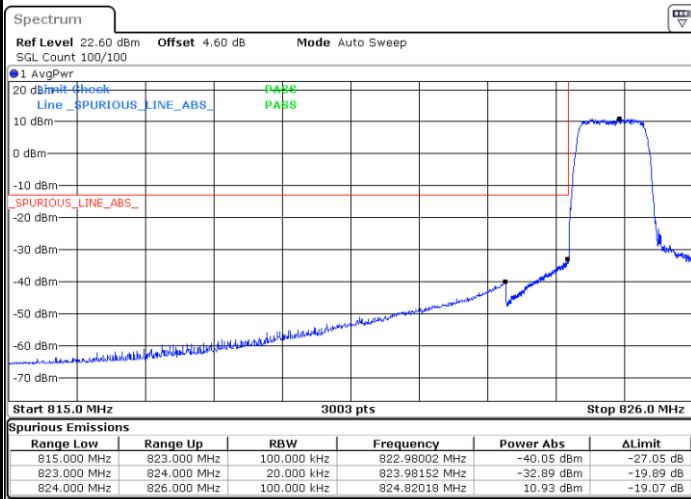
Date: 14.NOV.2020 22:16:07

Highest Band Edge / 1 RB



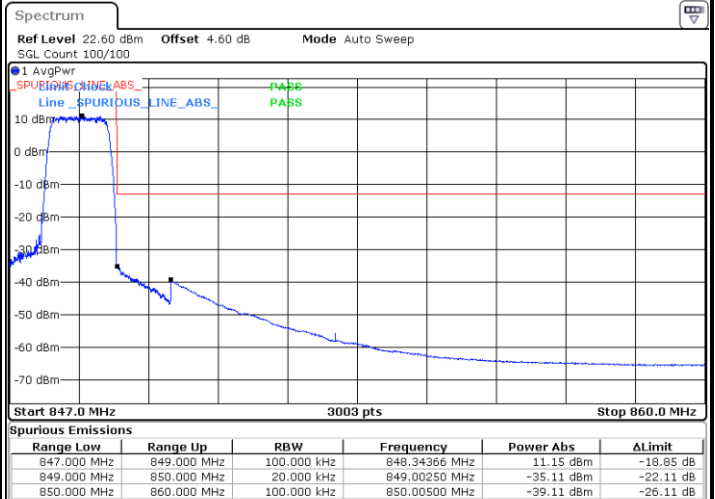
Date: 14.NOV.2020 22:25:52

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:19:22

Highest Band Edge / Full RB

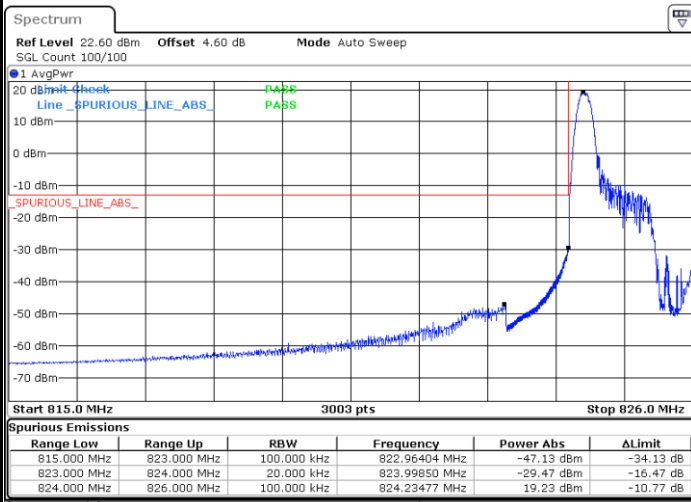


Date: 14.NOV.2020 22:22:37



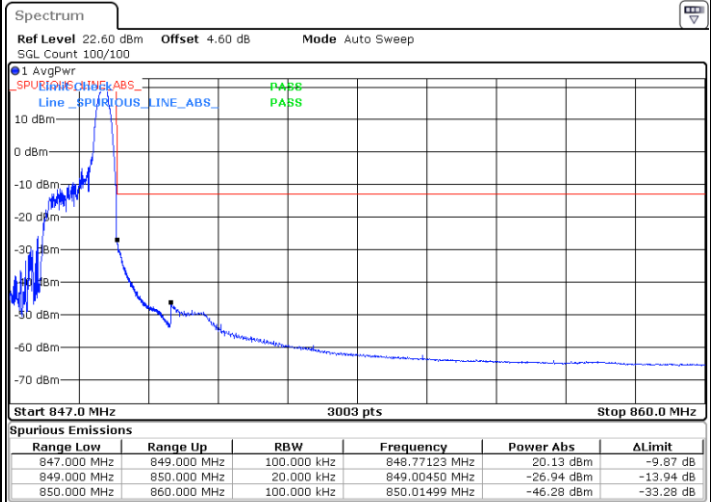
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



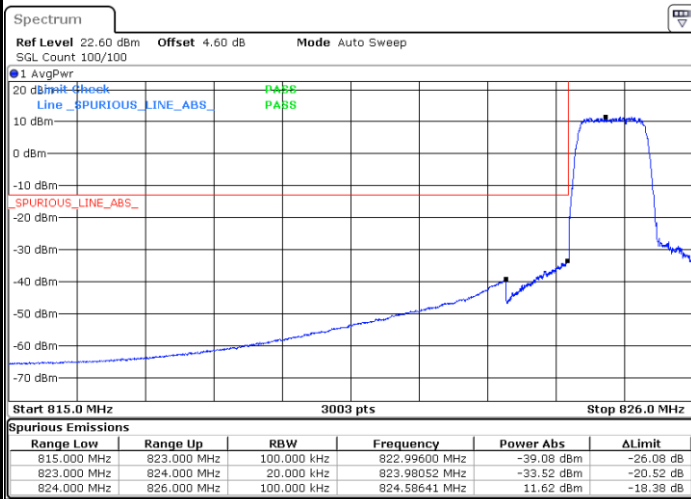
Date: 14.NOV.2020 21:33:11

Highest Band Edge / 1 RB



Date: 14.NOV.2020 21:38:55

Lowest Band Edge / Full RB



Date: 14.NOV.2020 21:31:34

Highest Band Edge / Full RB

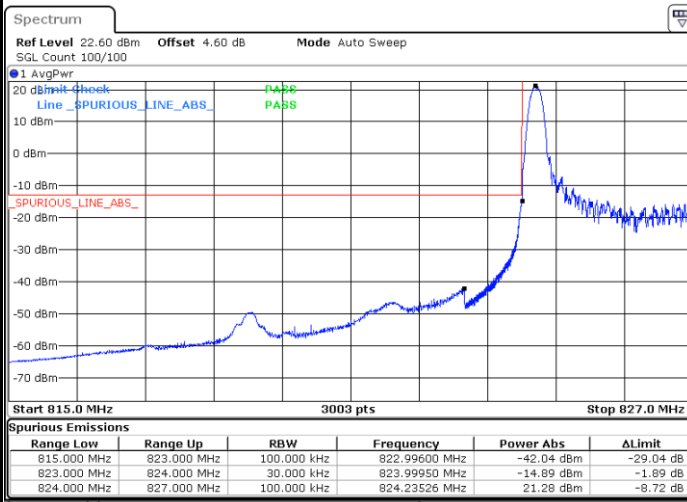


Date: 14.NOV.2020 21:37:18



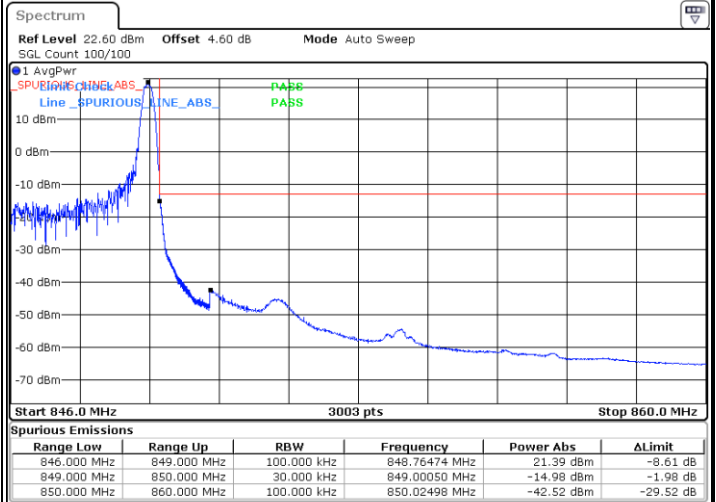
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



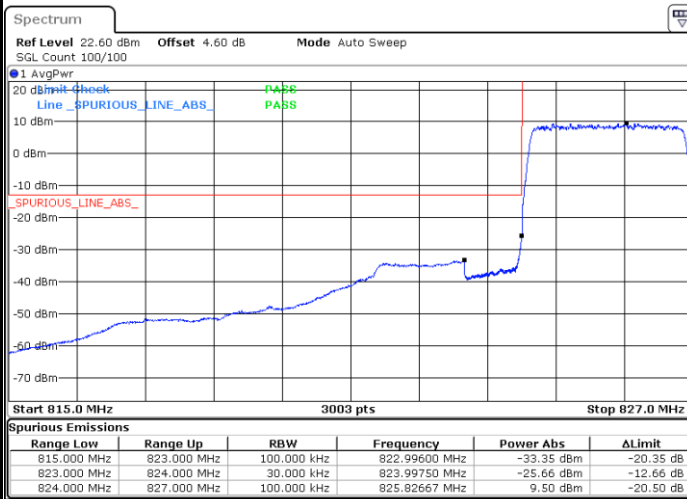
Date: 14.NOV.2020 22:47:00

Highest Band Edge / 1 RB



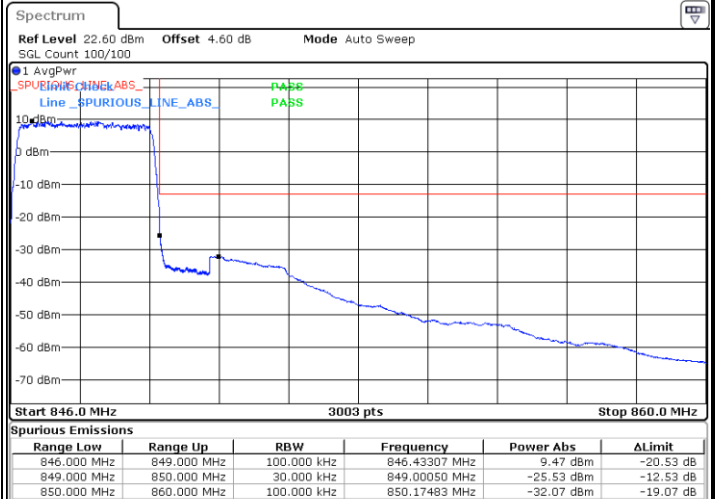
Date: 14.NOV.2020 22:53:30

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:50:15

Highest Band Edge / Full RB

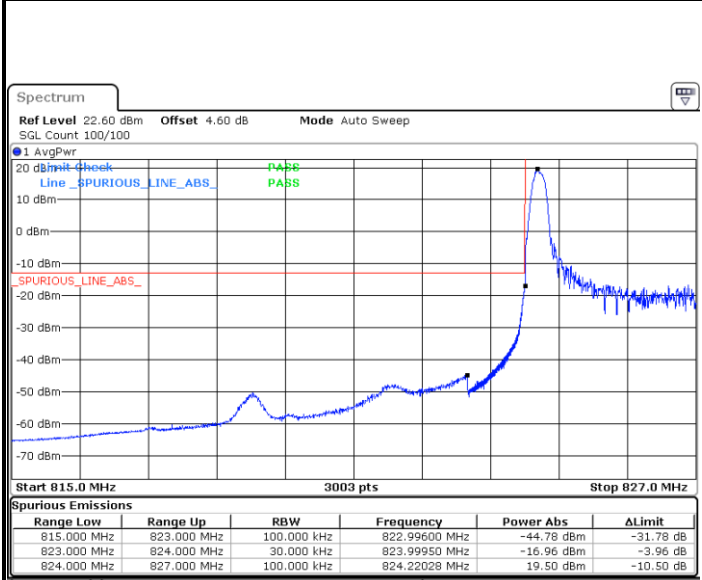


Date: 14.NOV.2020 22:56:45



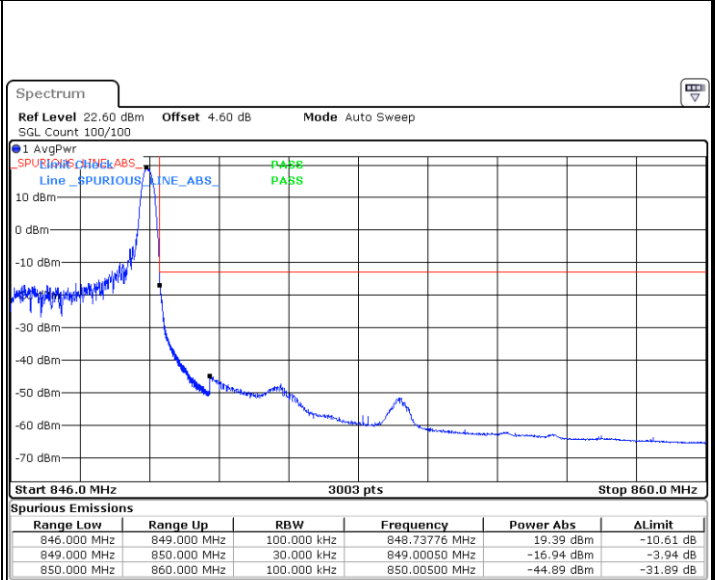
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



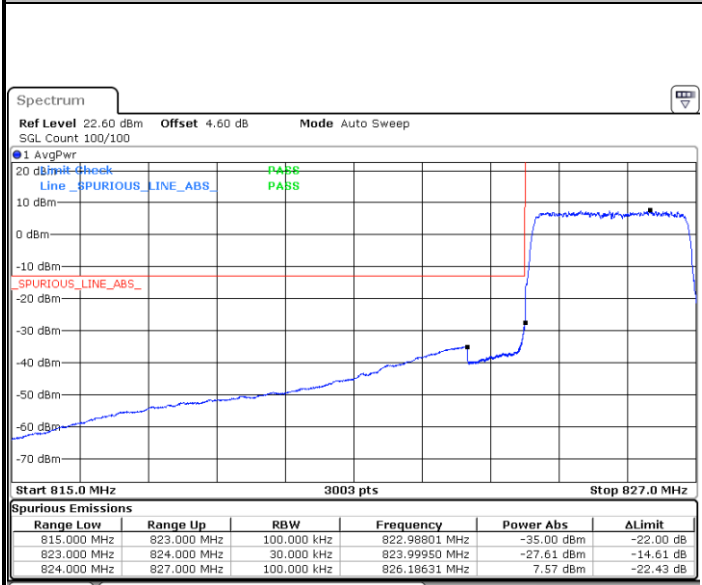
Date: 14.NOV.2020 22:48:37

Highest Band Edge / 1 RB



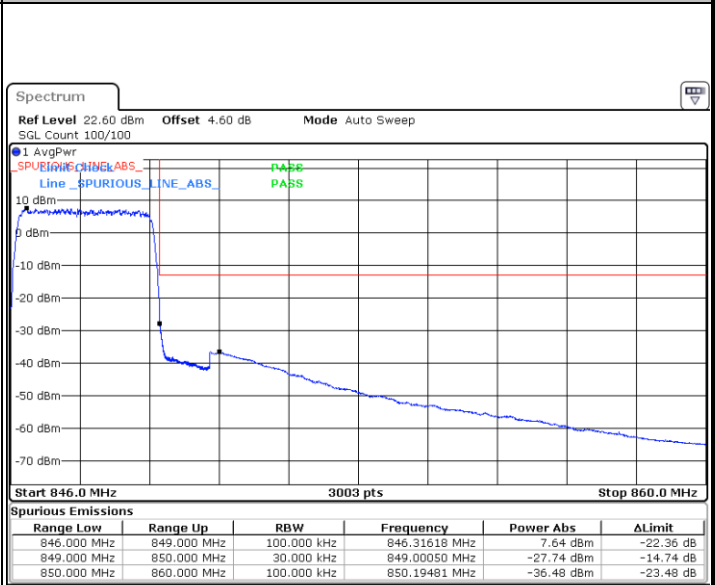
Date: 14.NOV.2020 22:55:08

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:51:53

Highest Band Edge / Full RB

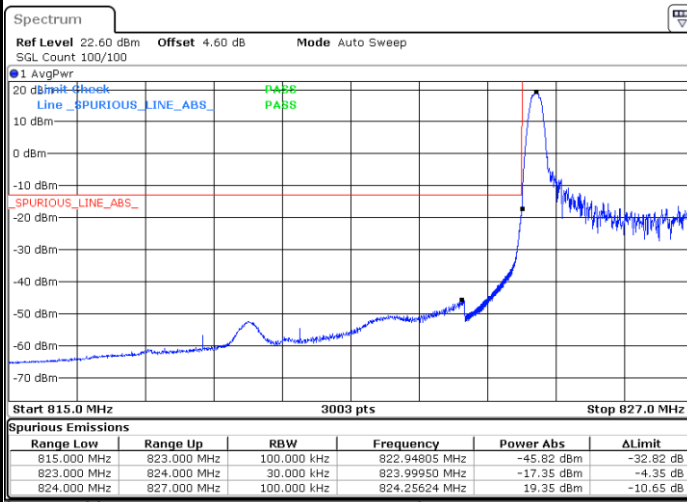


Date: 14.NOV.2020 22:58:23



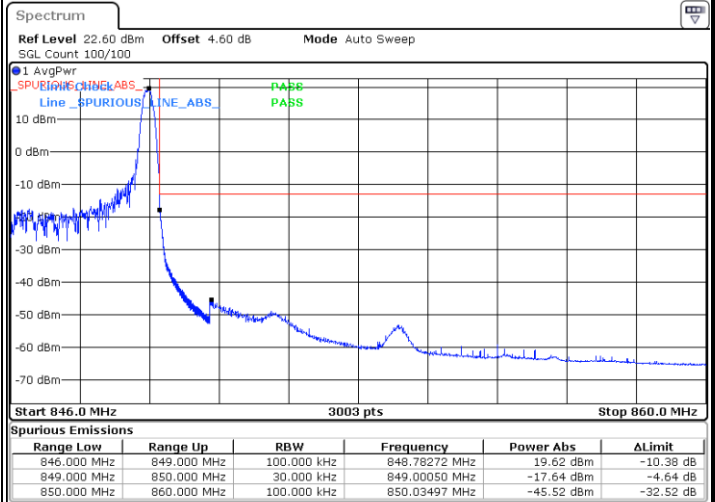
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



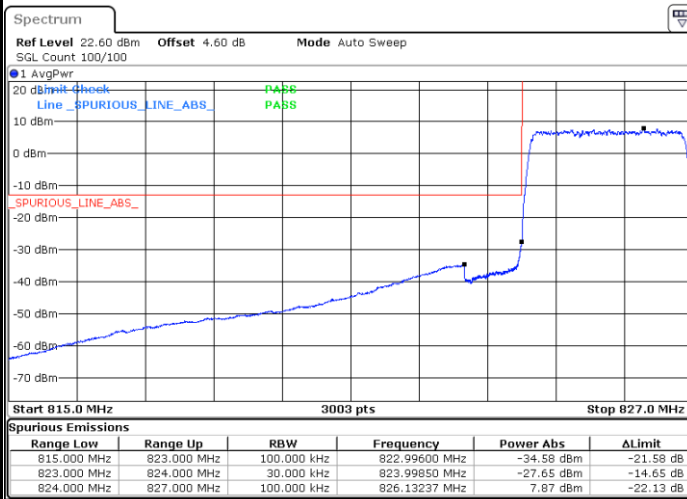
Date: 14.NOV.2020 21:43:25

Highest Band Edge / 1 RB



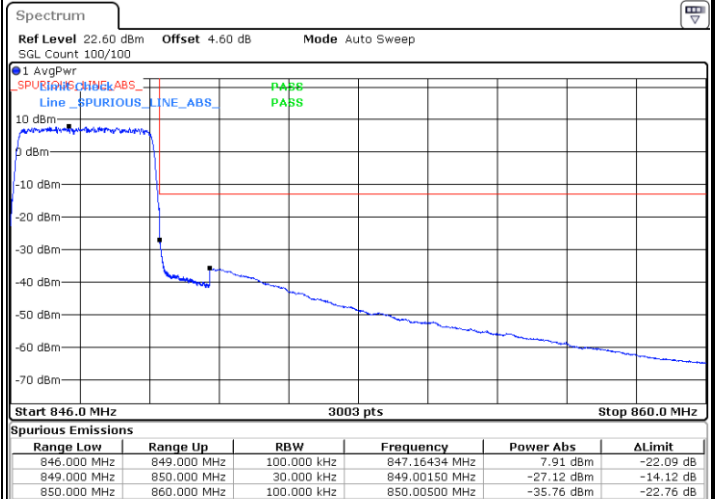
Date: 14.NOV.2020 21:49:09

Lowest Band Edge / Full RB



Date: 14.NOV.2020 21:41:47

Highest Band Edge / Full RB



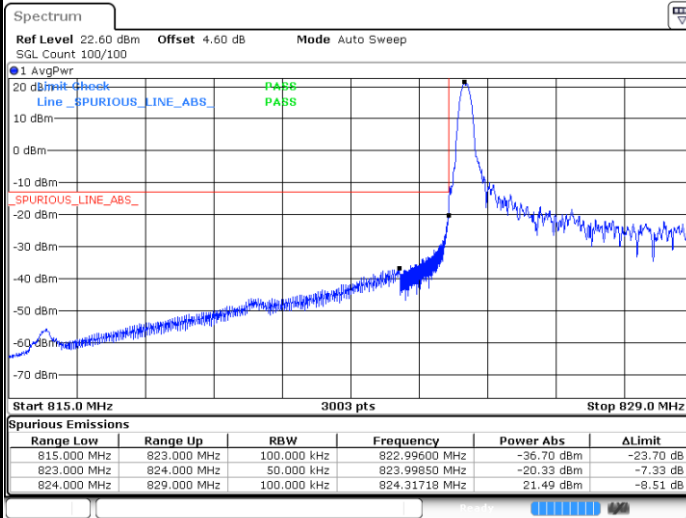
Date: 14.NOV.2020 21:47:32





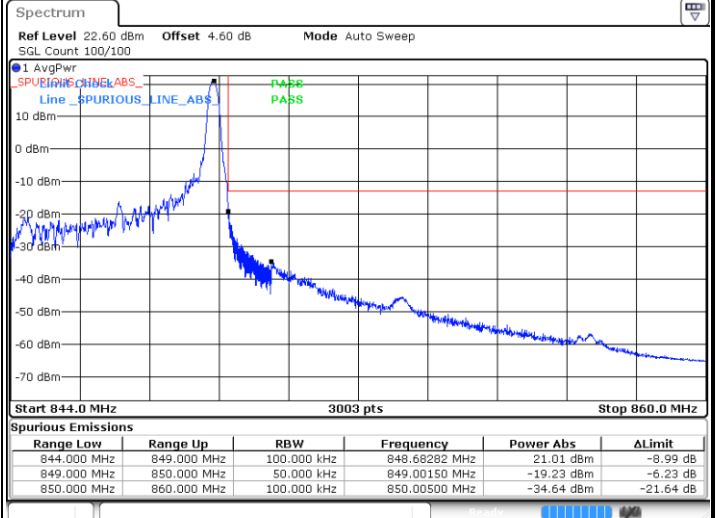
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



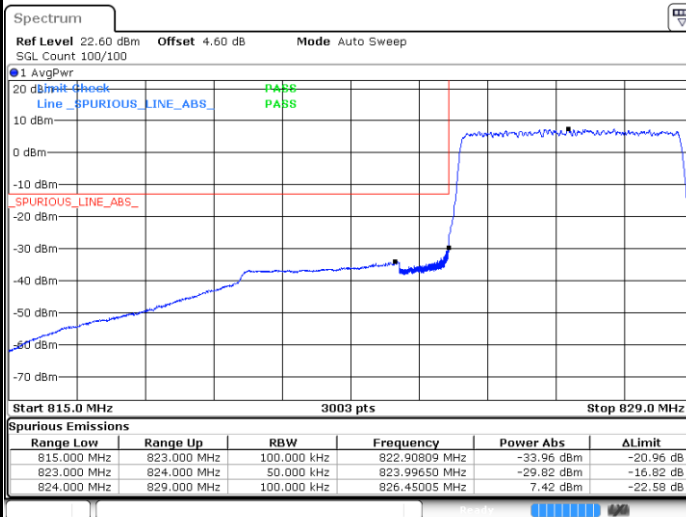
Date: 14.NOV.2020 23:00:00

Highest Band Edge / 1 RB



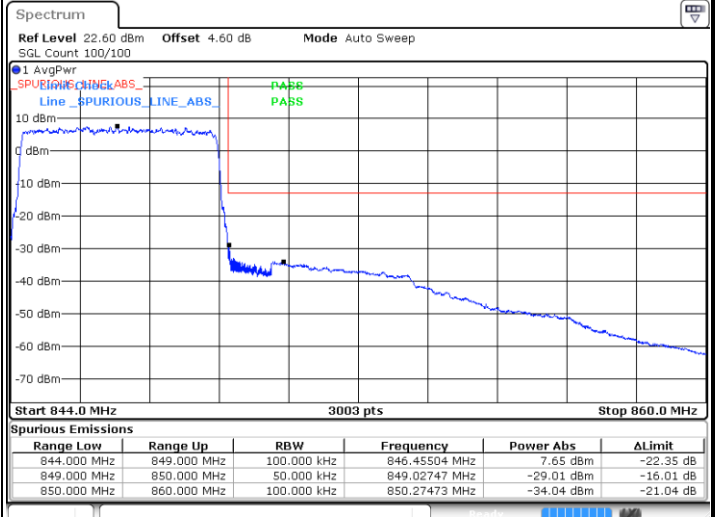
Date: 14.NOV.2020 22:27:29

Lowest Band Edge / Full RB



Date: 14.NOV.2020 23:03:15

Highest Band Edge / Full RB

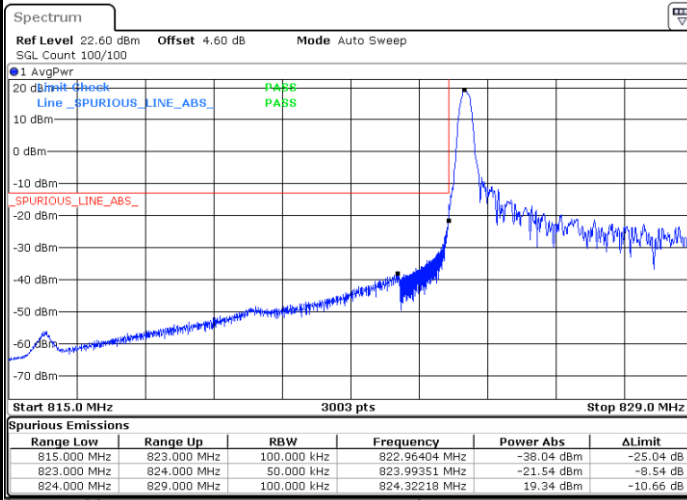


Date: 14.NOV.2020 22:30:44



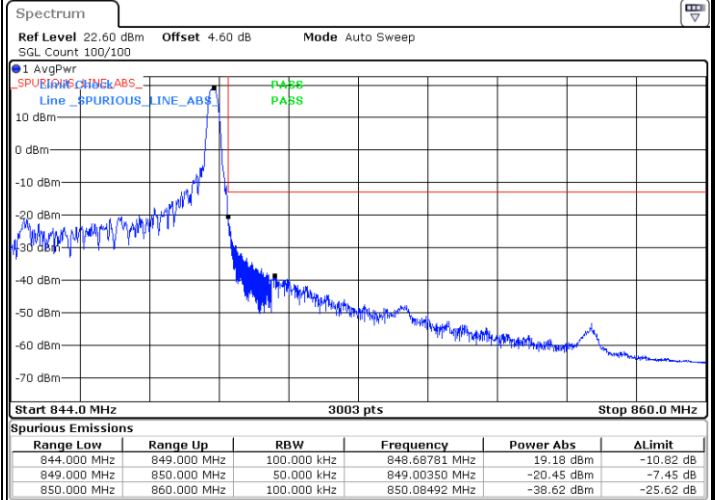
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



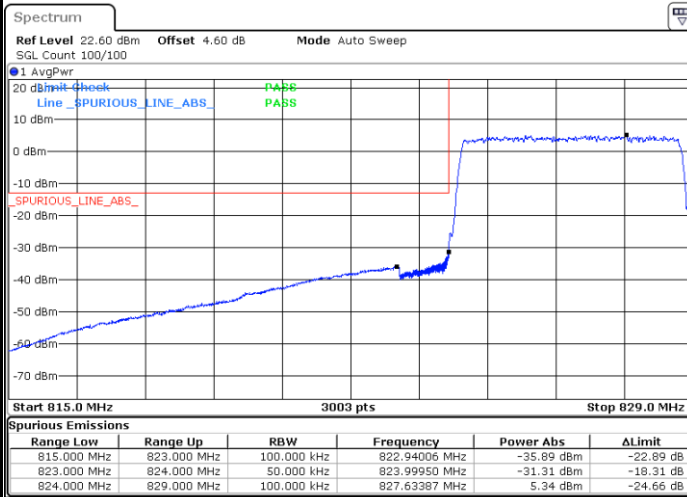
Date: 14.NOV.2020 23:01:38

Highest Band Edge / 1 RB



Date: 14.NOV.2020 22:29:07

Lowest Band Edge / Full RB



Date: 14.NOV.2020 23:04:53

Highest Band Edge / Full RB

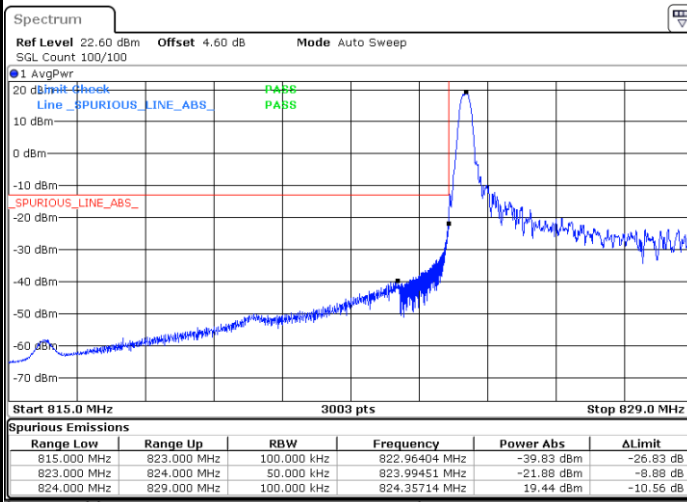


Date: 14.NOV.2020 22:32:22



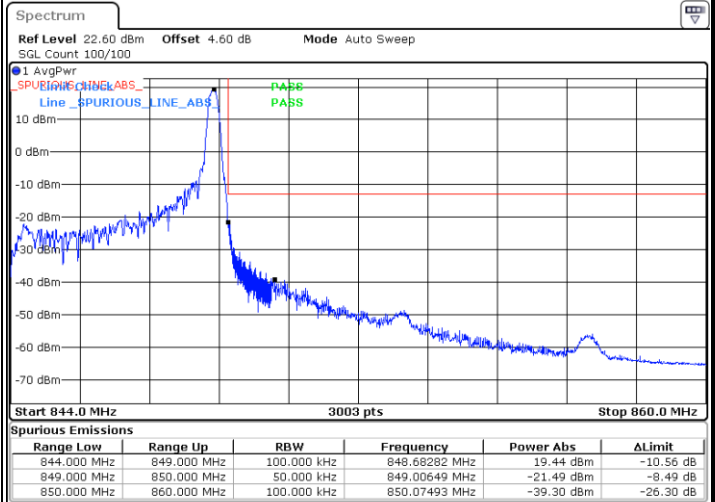
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



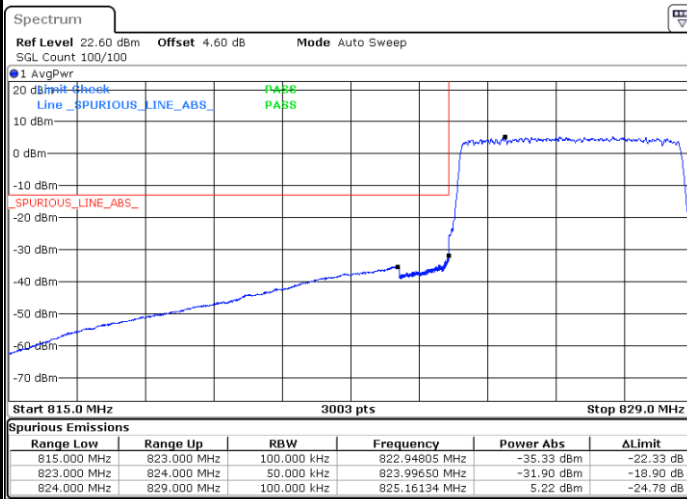
Date: 14.NOV.2020 21:53:39

Highest Band Edge / 1 RB



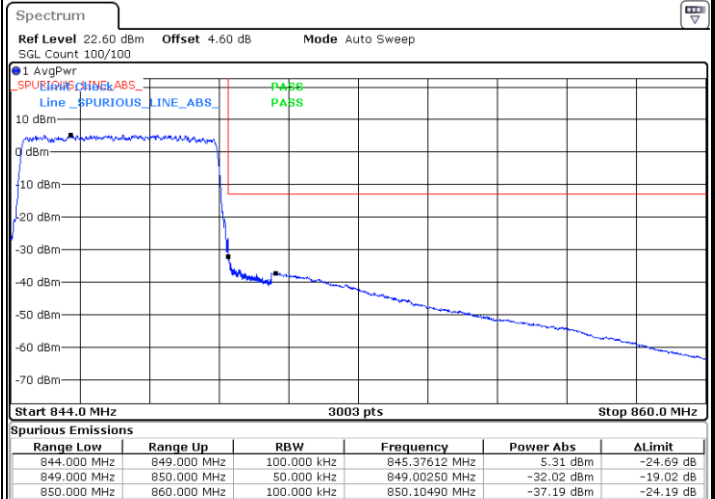
Date: 14.NOV.2020 21:59:23

Lowest Band Edge / Full RB



Date: 14.NOV.2020 21:52:02

Highest Band Edge / Full RB

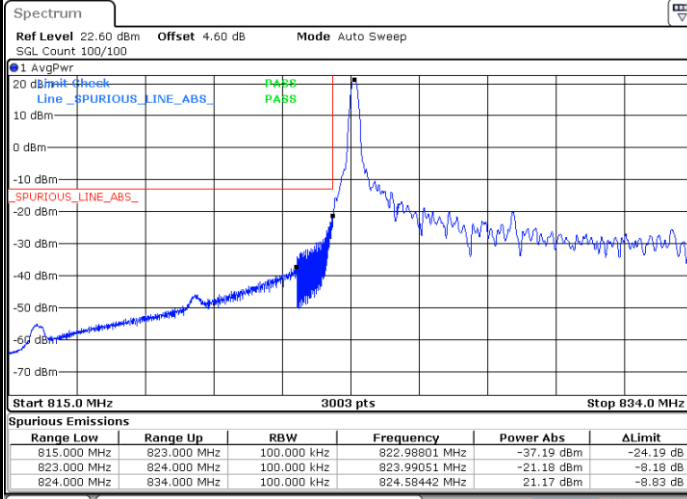


Date: 14.NOV.2020 21:57:46



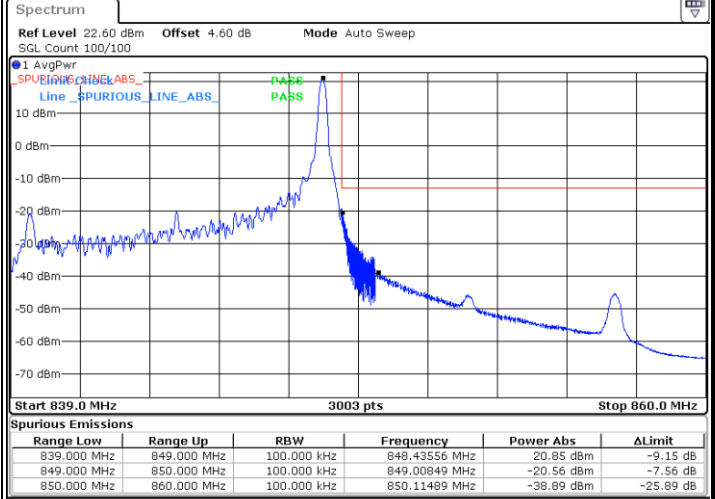
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



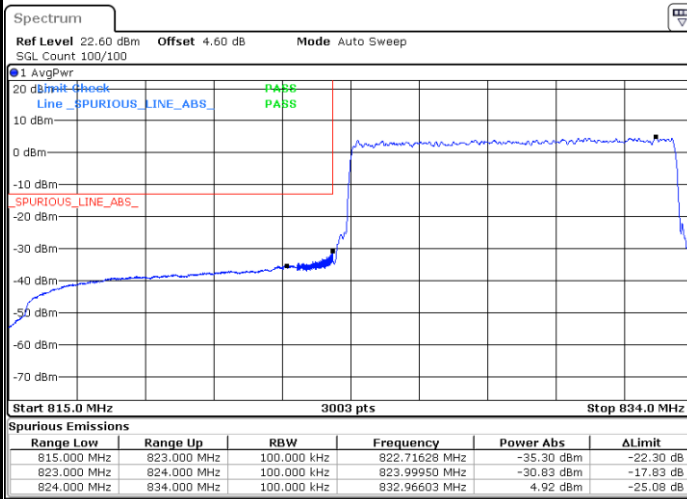
Date: 14.NOV.2020 22:34:00

Highest Band Edge / 1 RB



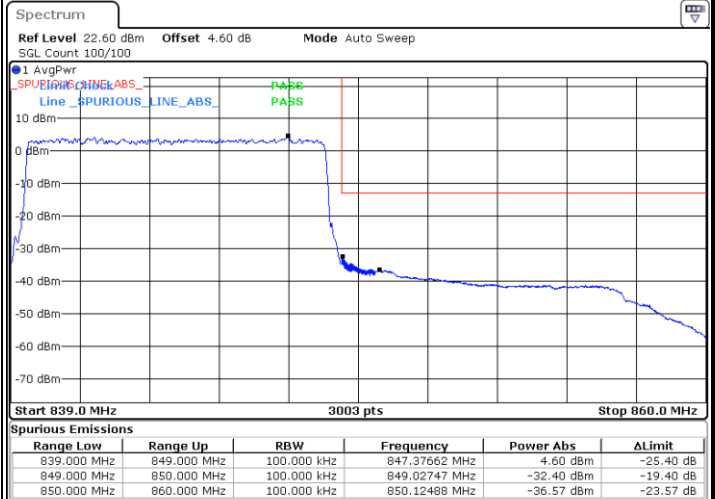
Date: 14.NOV.2020 22:40:30

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:37:15

Highest Band Edge / Full RB

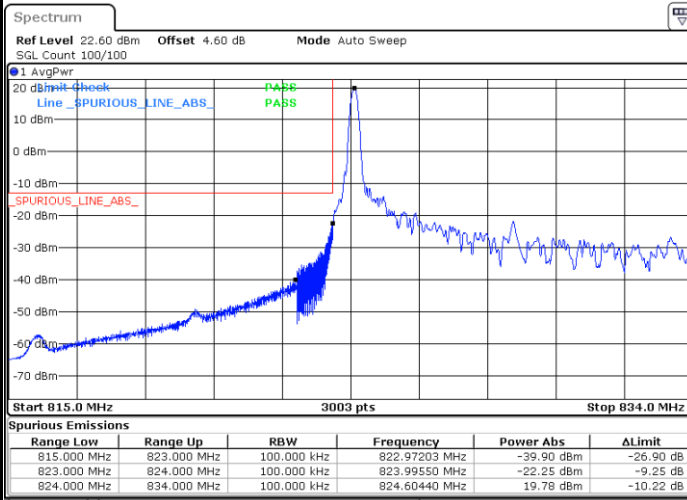


Date: 14.NOV.2020 22:43:45



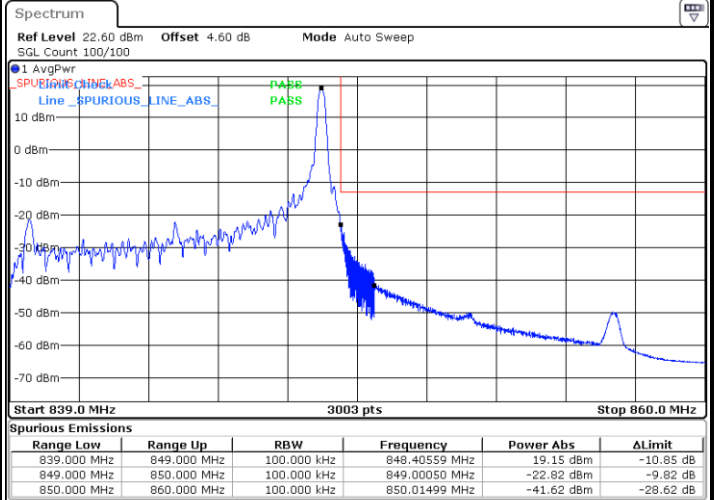
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



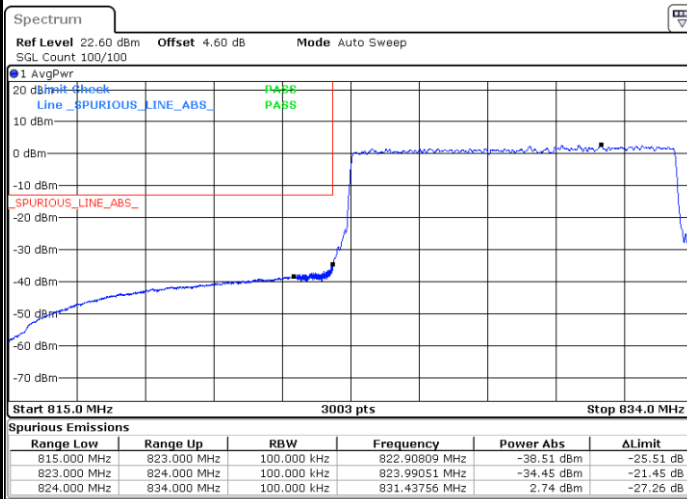
Date: 14.NOV.2020 22:35:37

Highest Band Edge / 1 RB



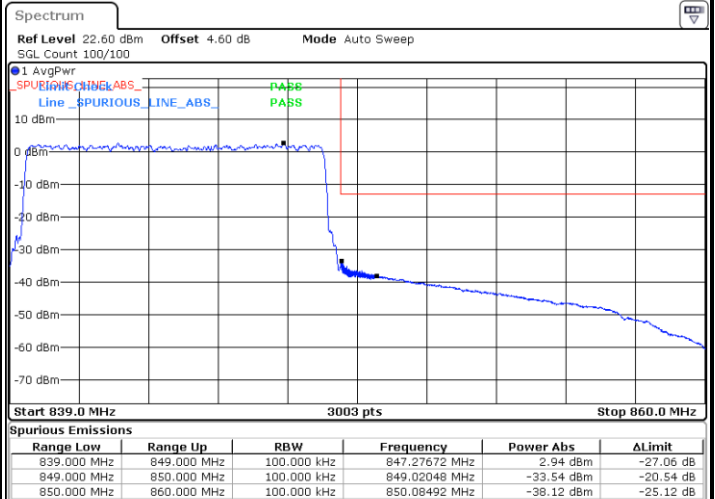
Date: 14.NOV.2020 22:42:07

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:38:52

Highest Band Edge / Full RB

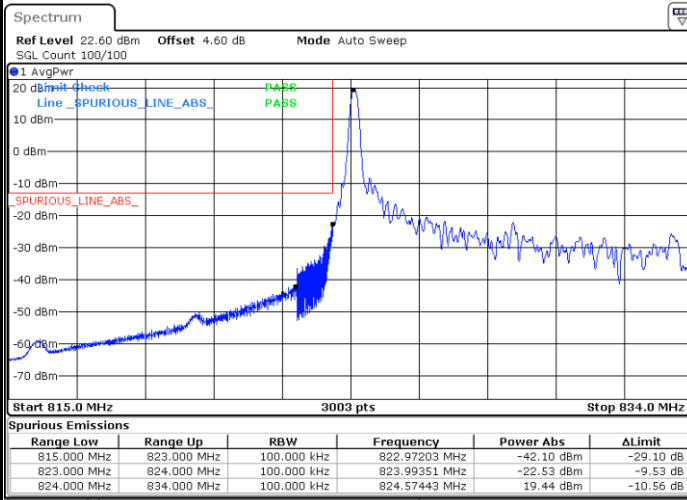


Date: 14.NOV.2020 22:45:22



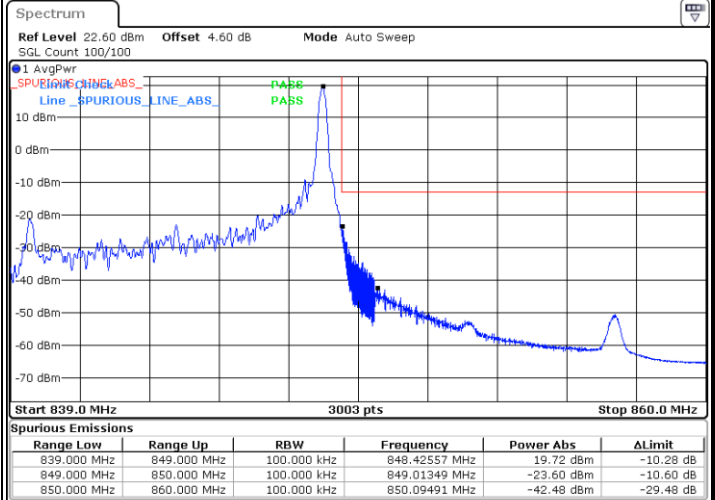
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



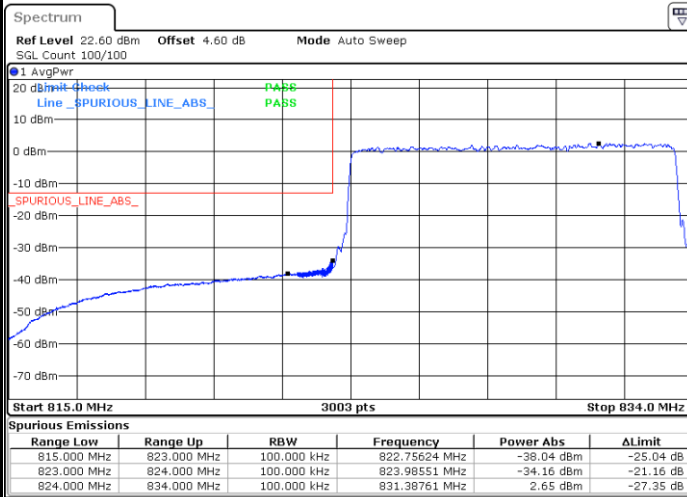
Date: 14.NOV.2020 22:03:53

Highest Band Edge / 1 RB



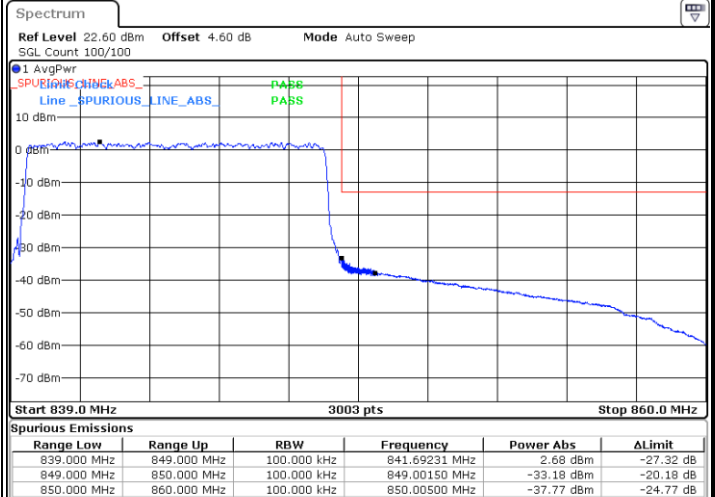
Date: 14.NOV.2020 22:09:38

Lowest Band Edge / Full RB



Date: 14.NOV.2020 22:02:16

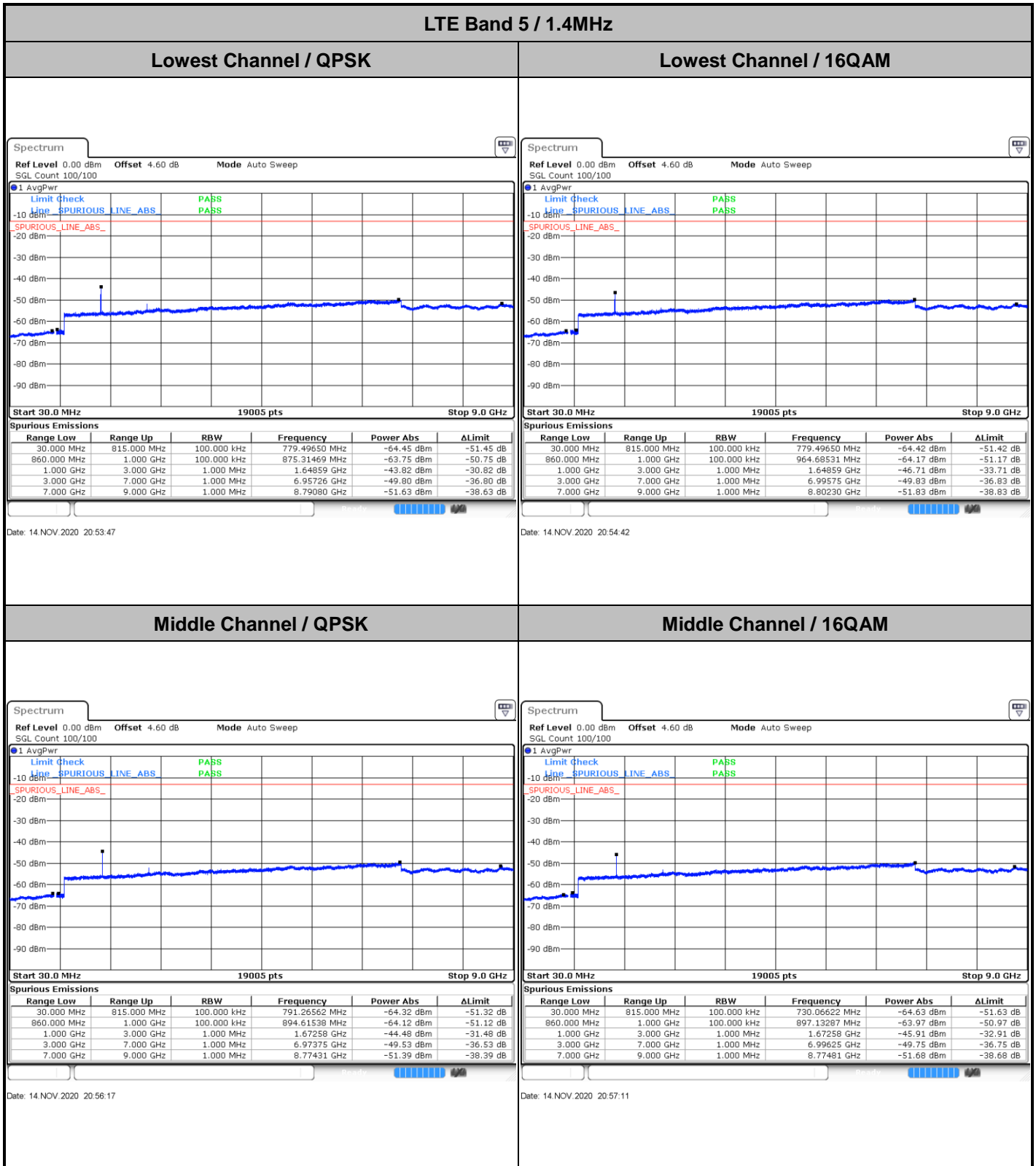
Highest Band Edge / Full RB



Date: 14.NOV.2020 22:08:00



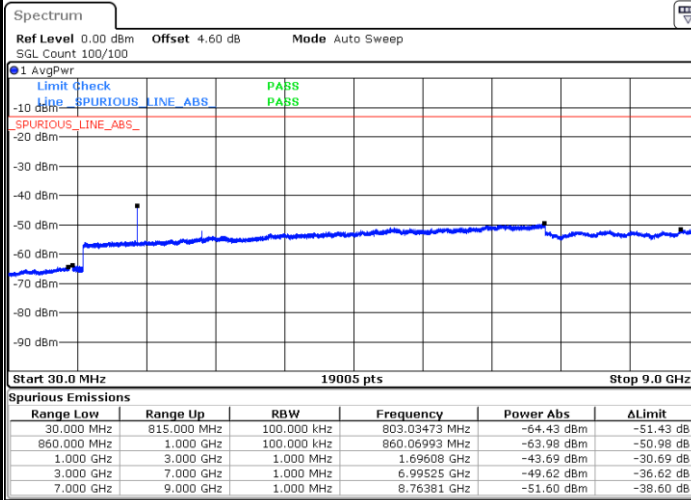
# Conducted Spurious Emission





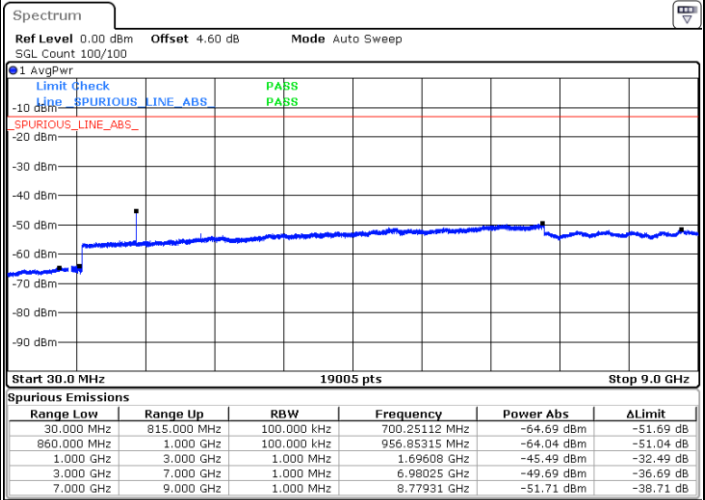
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 14 NOV 2020 20:58:46

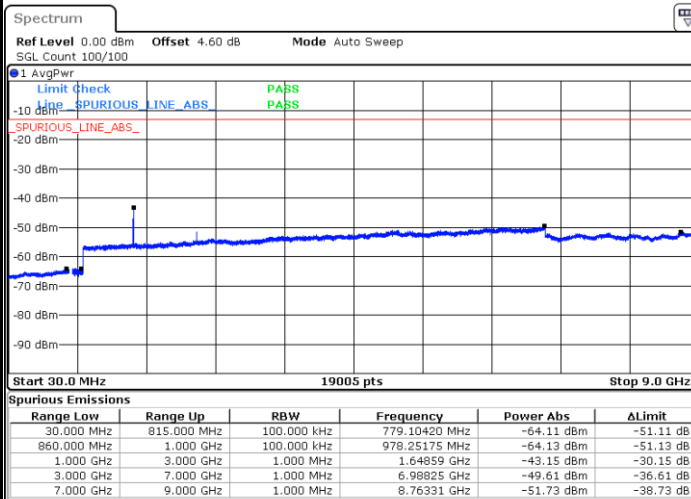
Highest Channel / 16QAM



Date: 14 NOV 2020 20:59:41

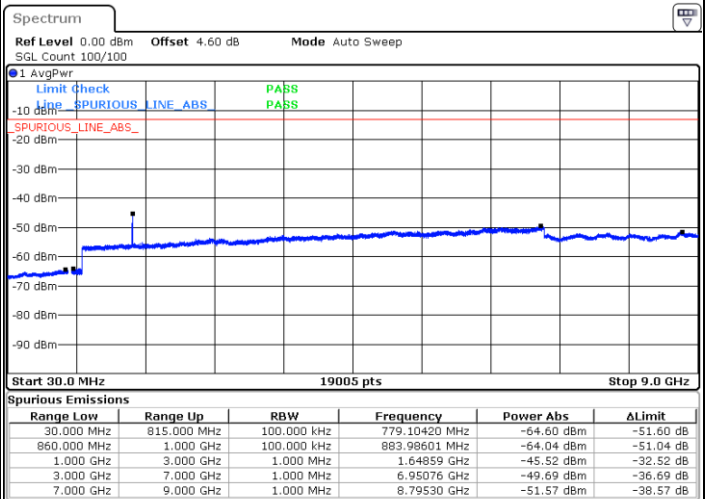
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 14 NOV 2020 21:01:15

Lowest Channel / 16QAM



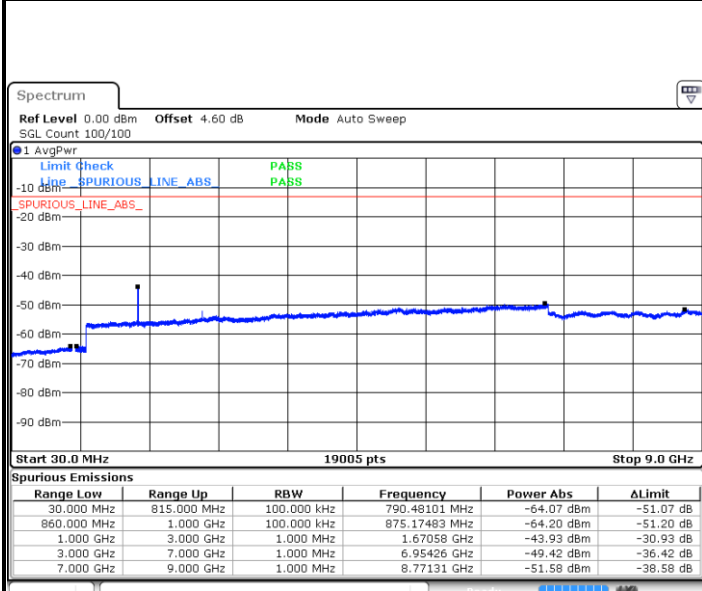
Date: 14 NOV 2020 21:02:10





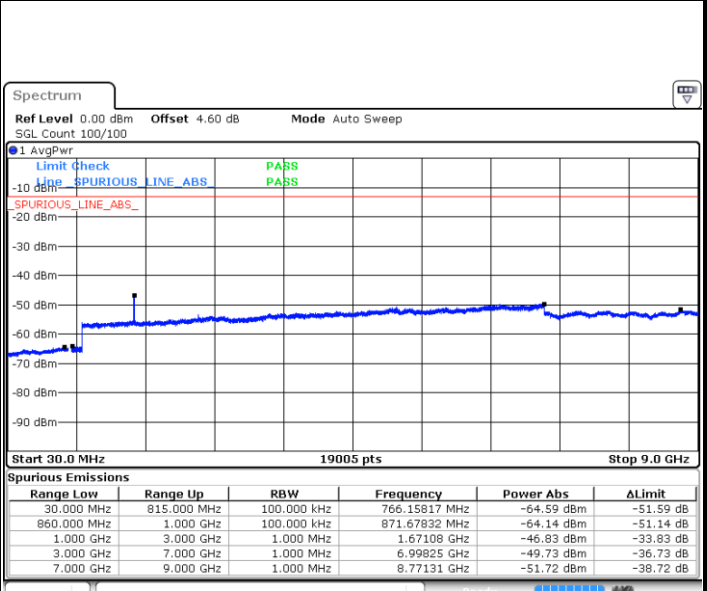
LTE Band 5 / 3MHz

Middle Channel / QPSK



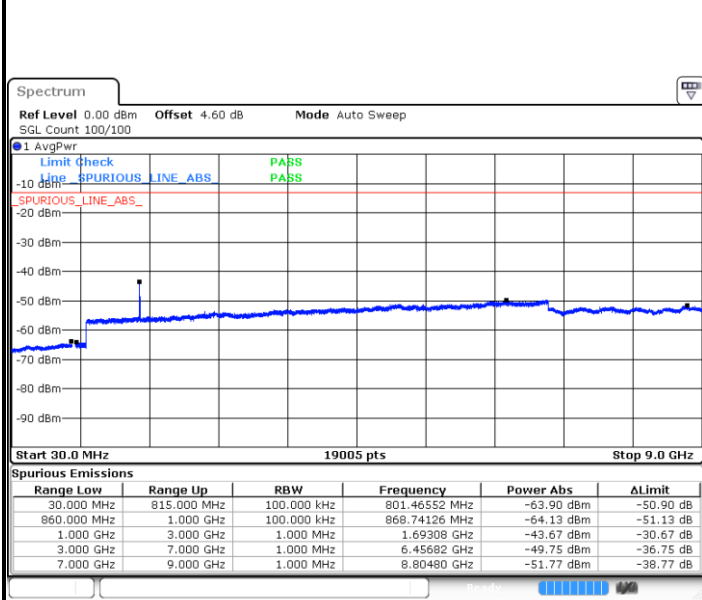
Date: 14.NOV.2020 21:03:45

Middle Channel / 16QAM



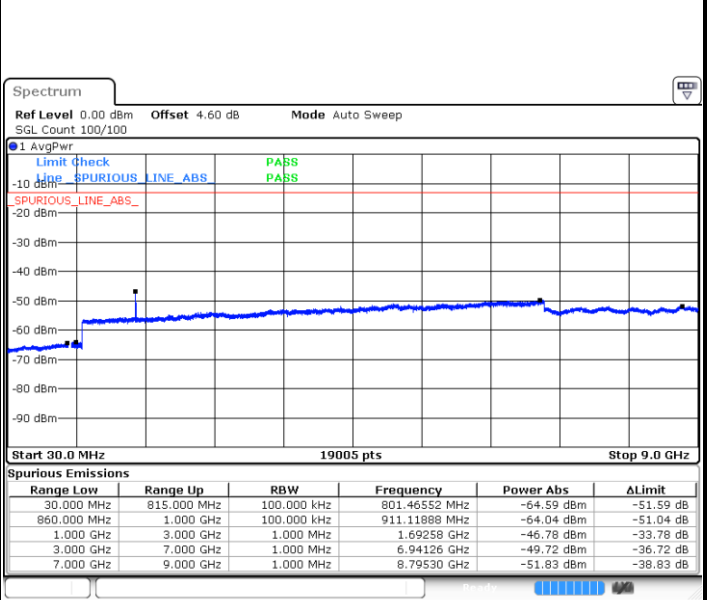
Date: 14.NOV.2020 21:04:39

Highest Channel / QPSK



Date: 14.NOV.2020 21:06:14

Highest Channel / 16QAM

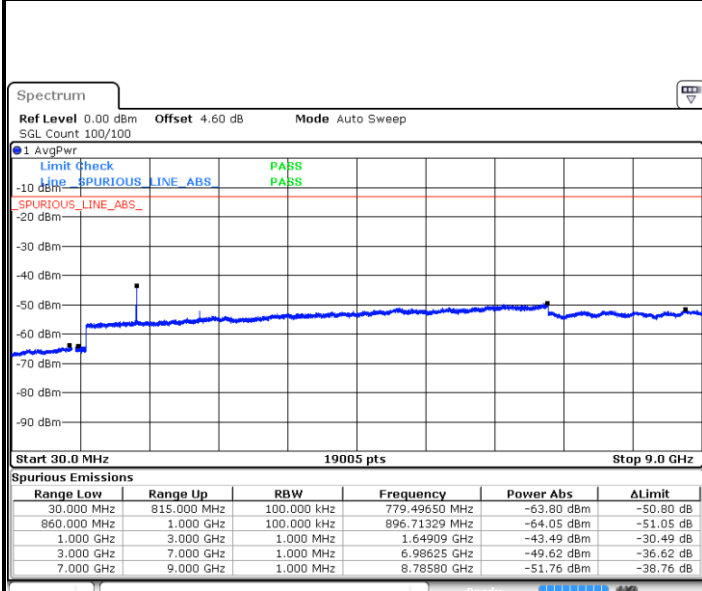


Date: 14.NOV.2020 21:07:08



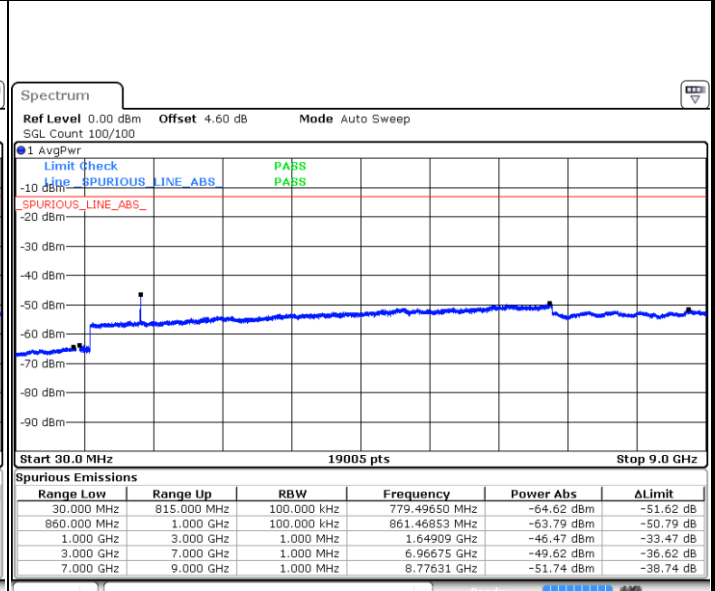
LTE Band 5 / 5MHz

Lowest Channel / QPSK



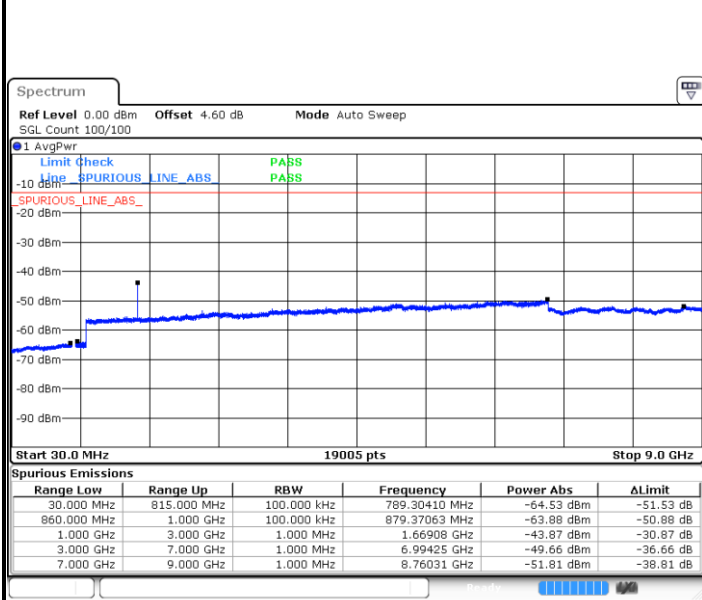
Date: 14.NOV.2020 21:08:43

Lowest Channel / 16QAM



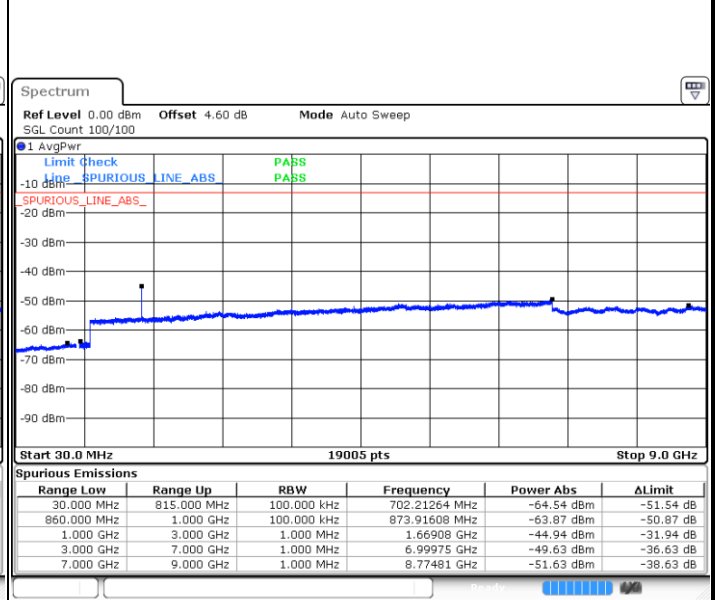
Date: 14.NOV.2020 21:09:38

Middle Channel / QPSK



Date: 14.NOV.2020 21:11:12

Middle Channel / 16QAM

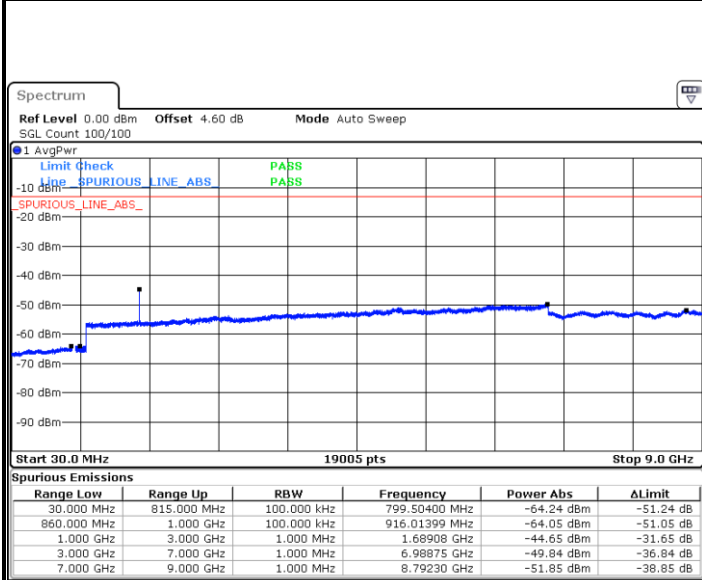


Date: 14.NOV.2020 21:12:07



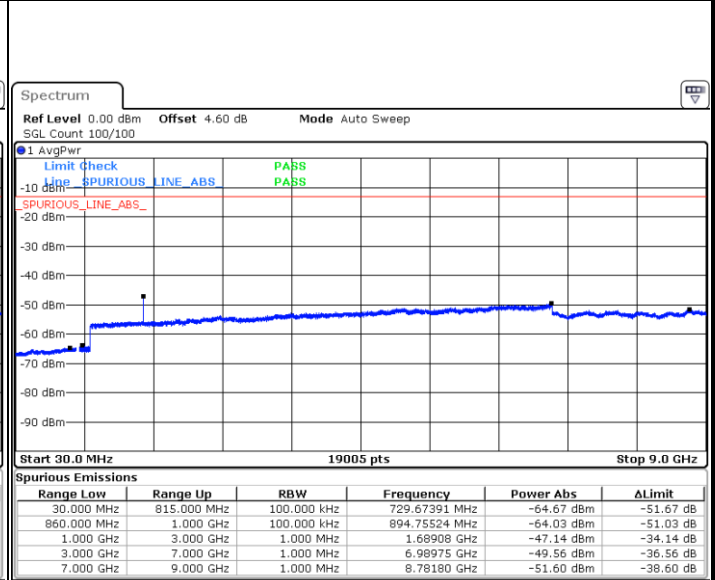
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 14.NOV.2020 21:13:41

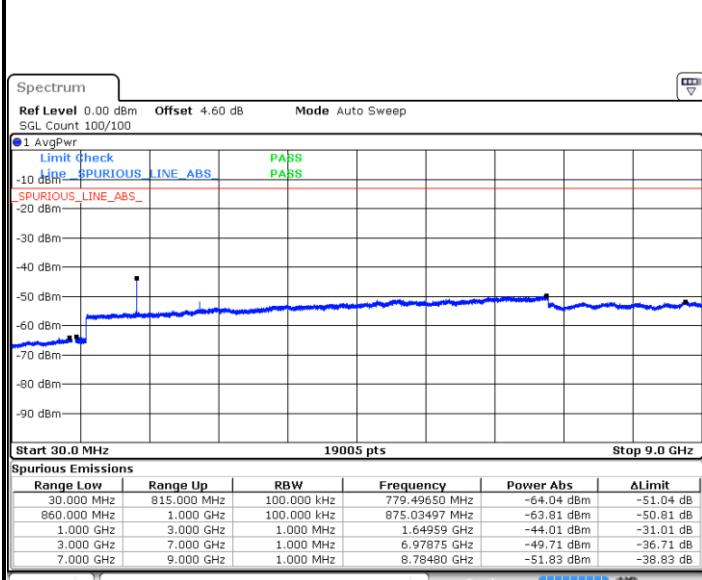
Highest Channel / 16QAM



Date: 14.NOV.2020 21:14:36

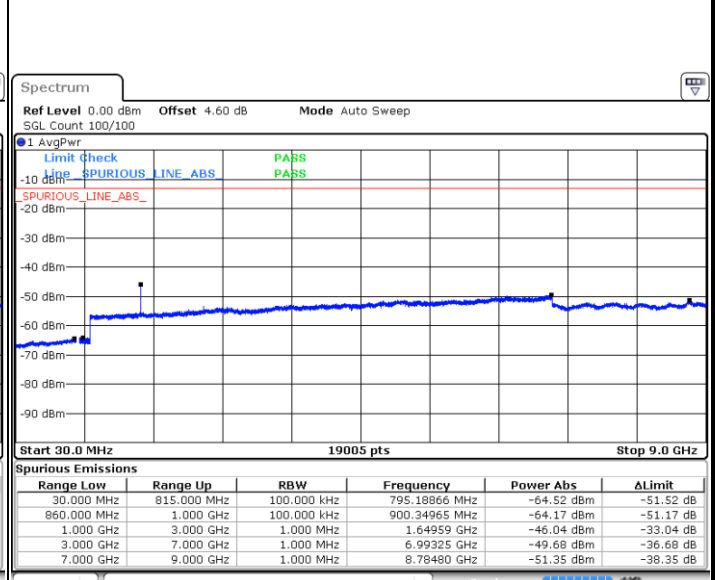
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 14.NOV.2020 21:16:11

Lowest Channel / 16QAM

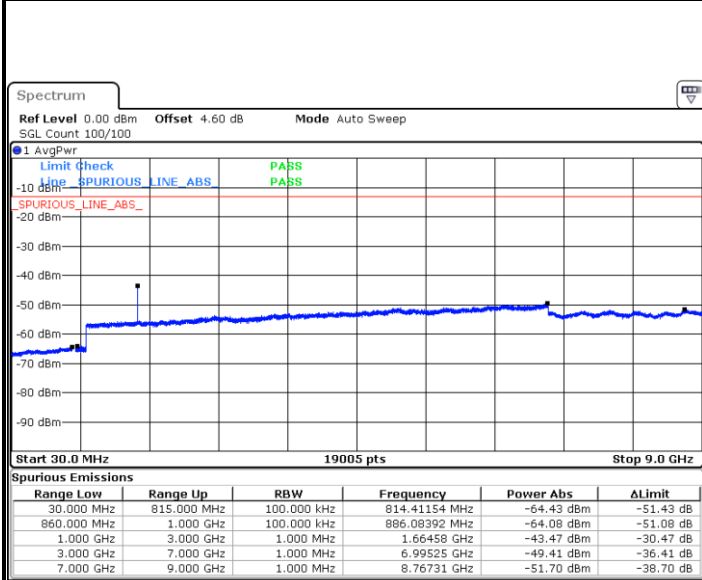


Date: 14.NOV.2020 21:17:05



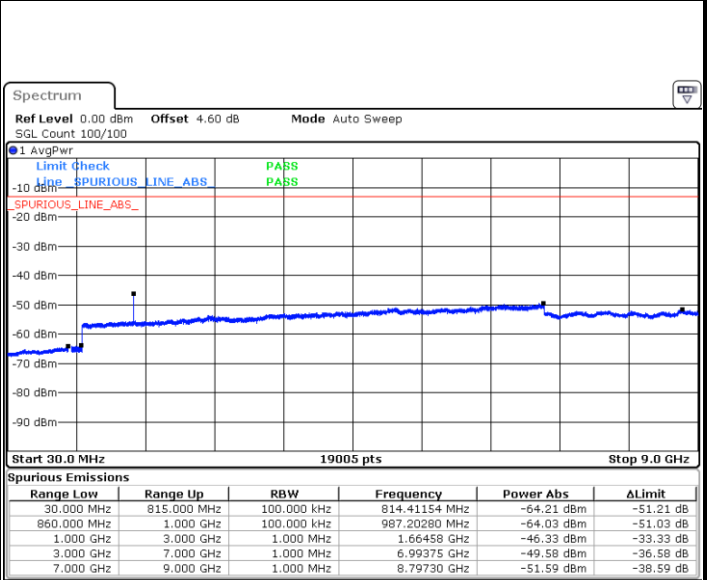
LTE Band 5 / 10MHz

Middle Channel / QPSK



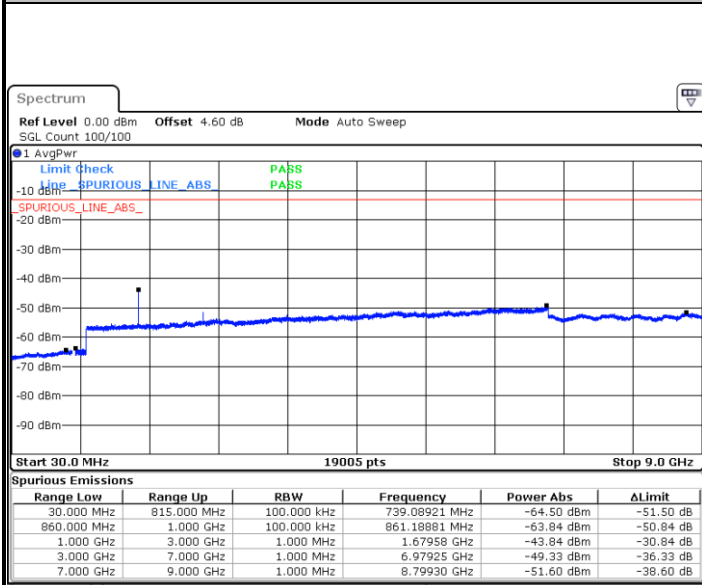
Date: 14.NOV.2020 21:18:40

Middle Channel / 16QAM



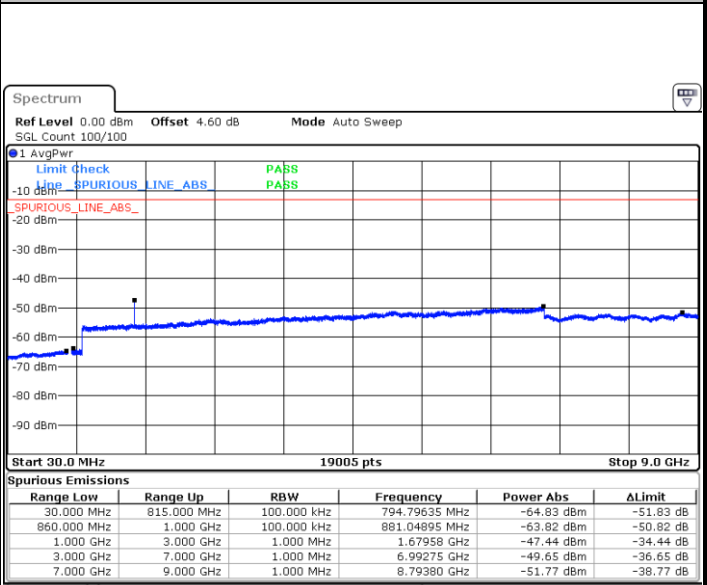
Date: 14.NOV.2020 21:19:35

Highest Channel / QPSK



Date: 14.NOV.2020 21:21:09

Highest Channel / 16QAM



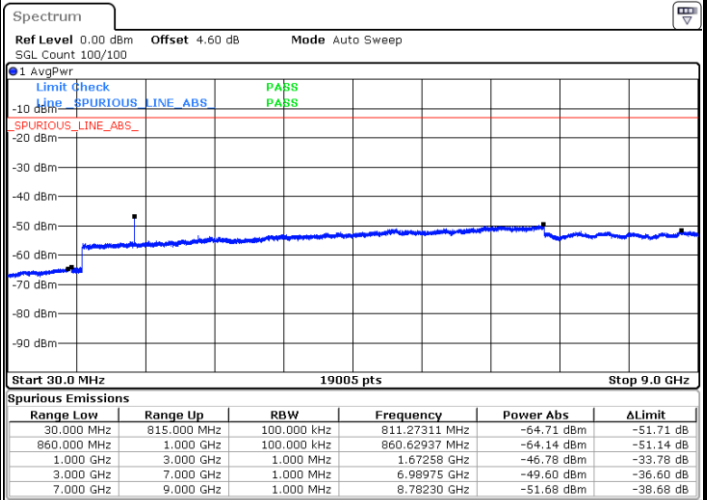
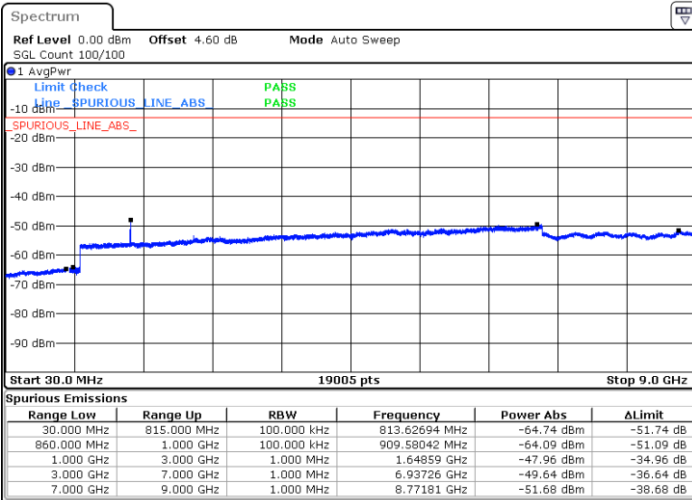
Date: 14.NOV.2020 21:22:04



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

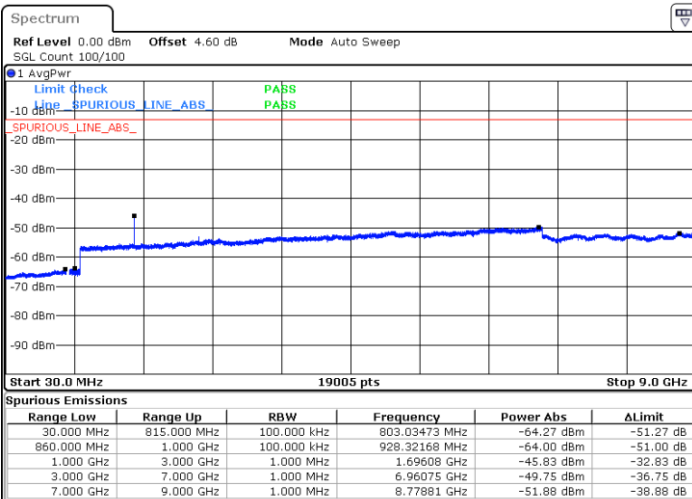
Middle Channel / 64QAM



Date: 14 NOV 2020 21:34:05

Date: 14 NOV 2020 21:34:59

Highest Channel / 64QAM



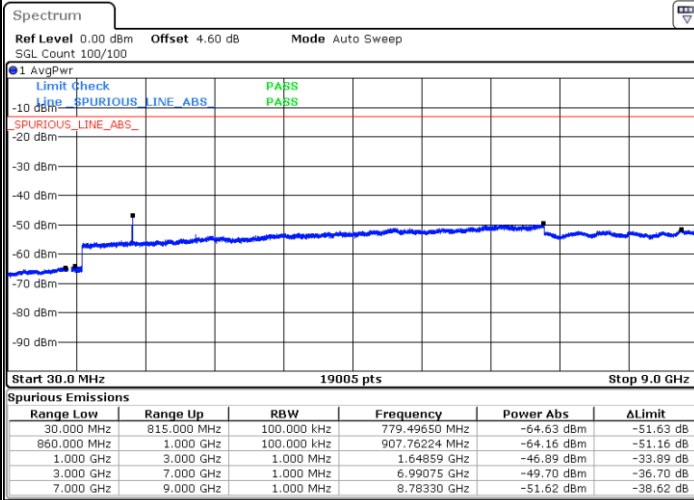
Date: 14 NOV 2020 21:39:49



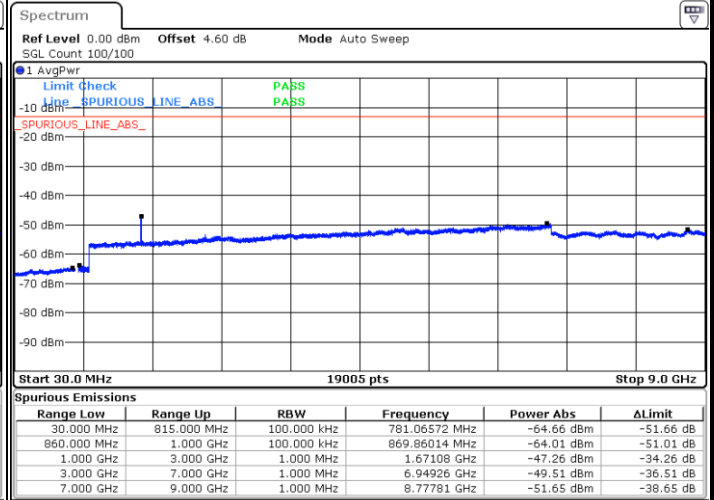
LTE Band 5 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

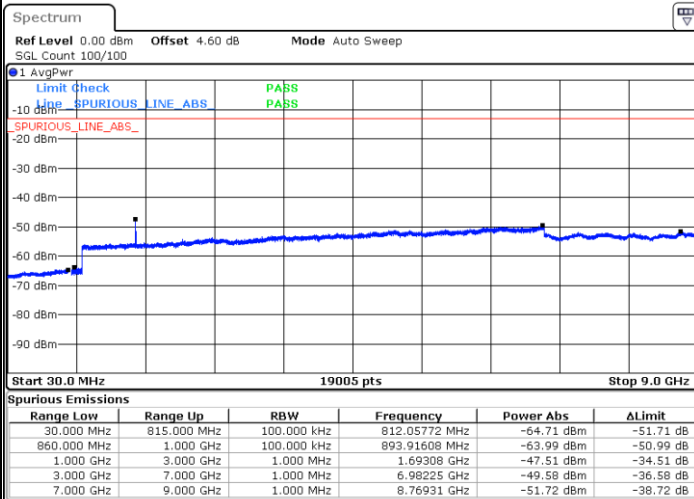


Date: 14.NOV.2020 21:44:19

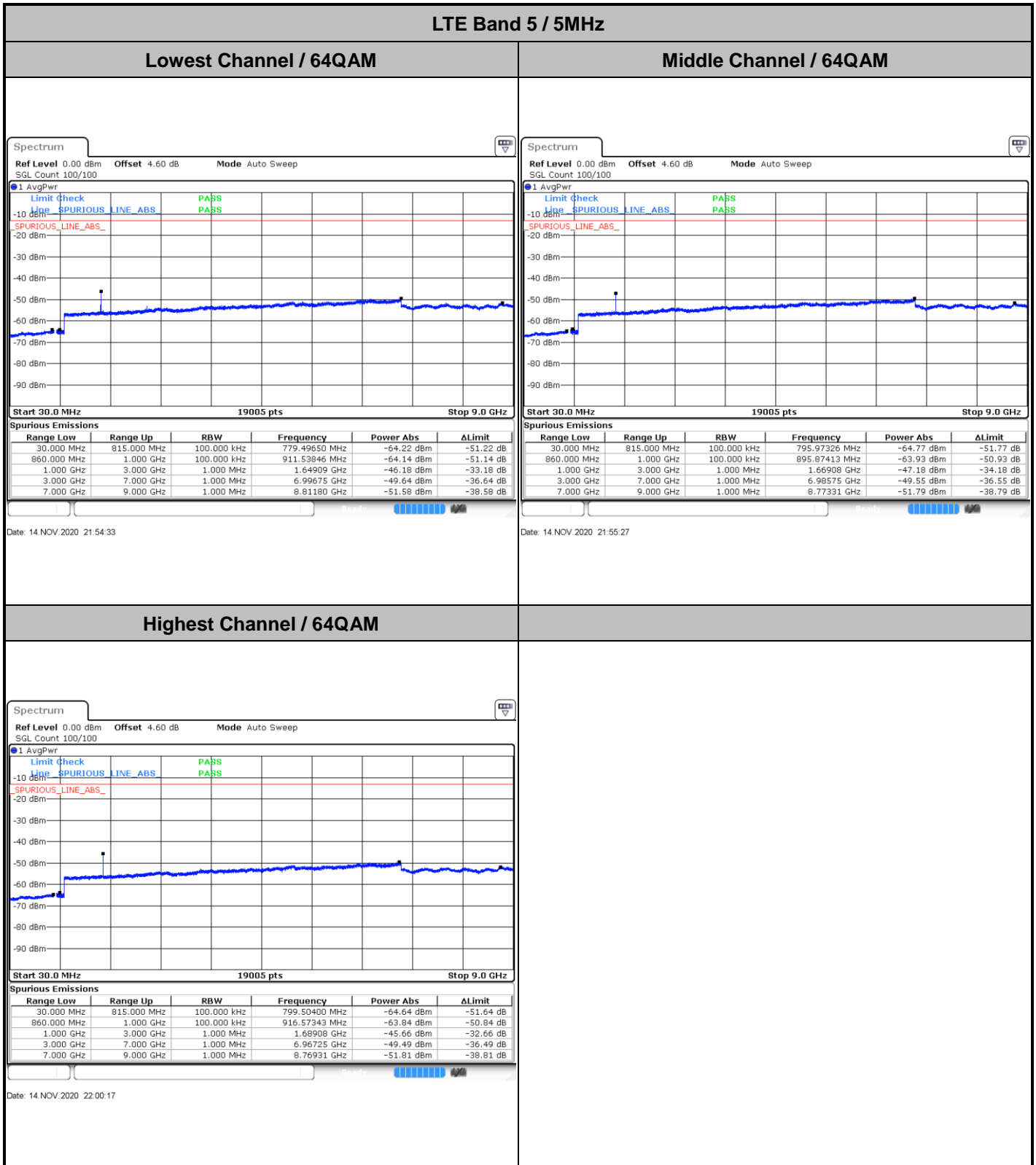


Date: 14.NOV.2020 21:45:13

Highest Channel / 64QAM



Date: 14.NOV.2020 21:50:03

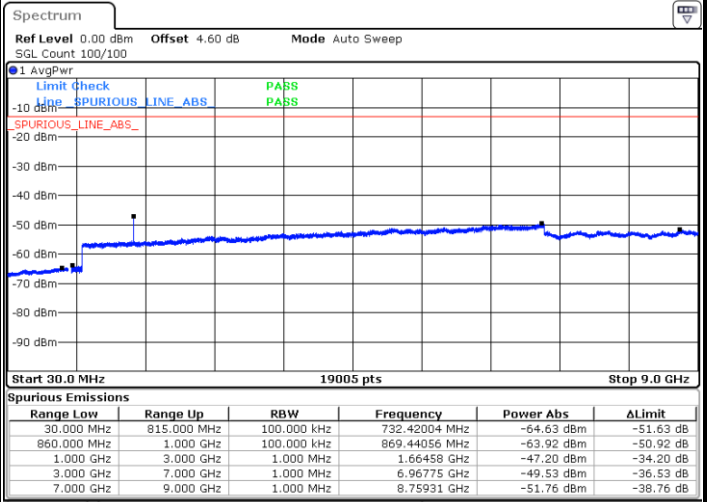
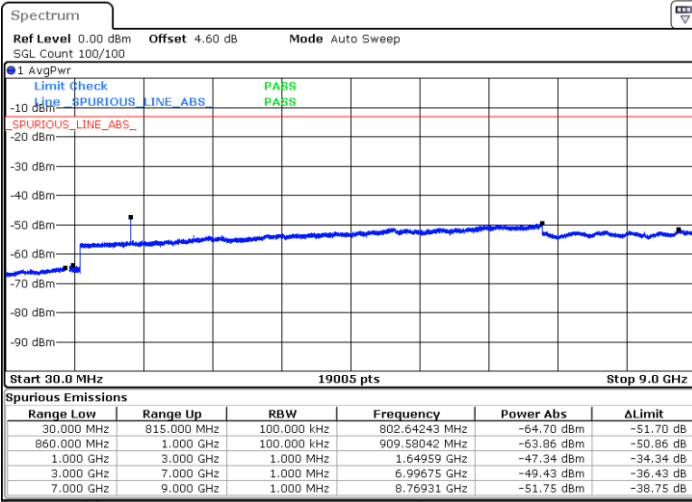




LTE Band 5 / 10MHz

Lowest Channel / 64QAM

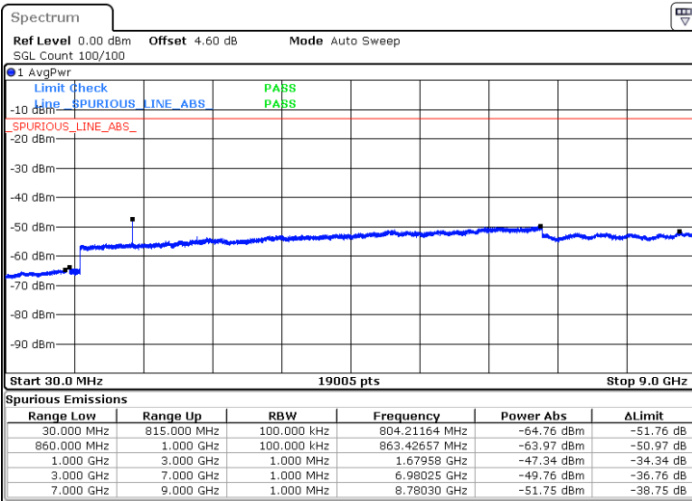
Middle Channel / 64QAM



Date: 14.NOV.2020 22:04:47

Date: 14.NOV.2020 22:05:41

Highest Channel / 64QAM



Date: 14.NOV.2020 22:10:31





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	0.0018	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0060	
20	Battery End Point	0.0018	

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



# LTE Band 7

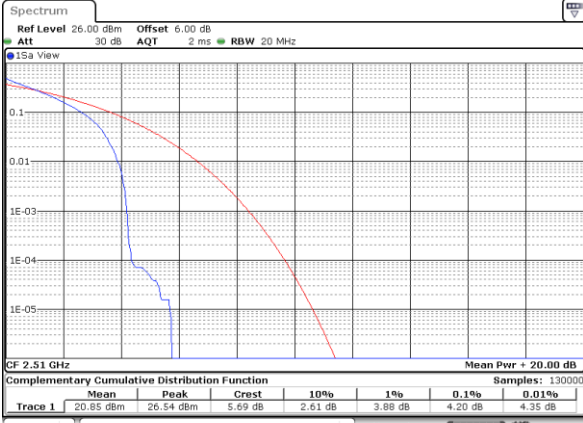
## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.20	5.16	5.36	5.88	PASS
Middle CH	4.64	5.19	6.00	5.94	
Highest CH	4.49	4.87	5.62	5.94	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.42	6.09			PASS
Middle CH	5.45	6.03			
Highest CH	5.65	6.00			



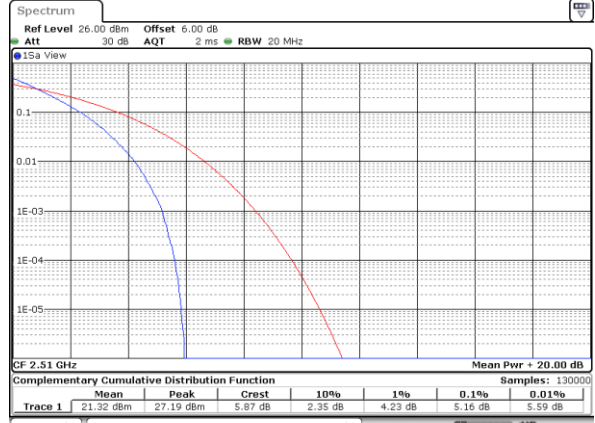
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



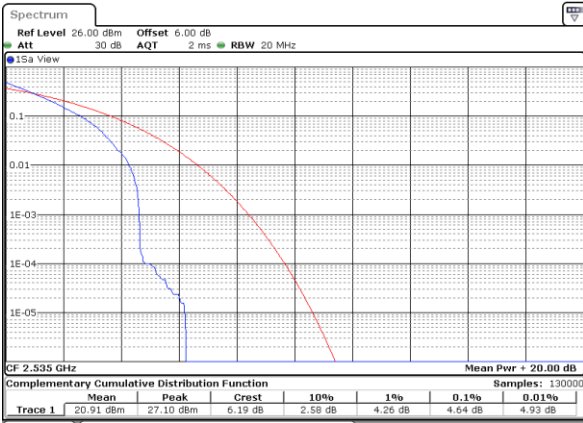
Date: 15 NOV 2020 05:45:02

Lowest Channel / Full RB



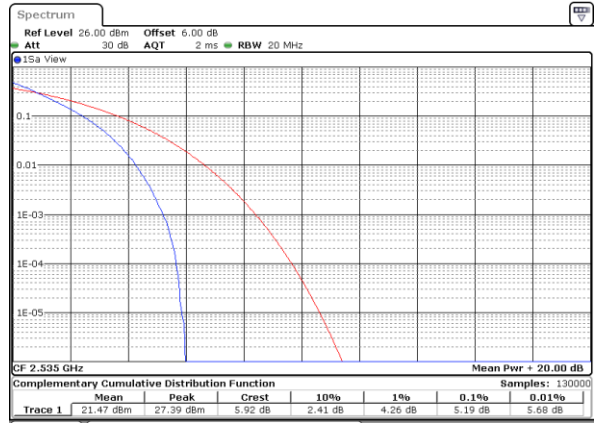
Date: 15 NOV 2020 05:45:11

Middle Channel / 1RB



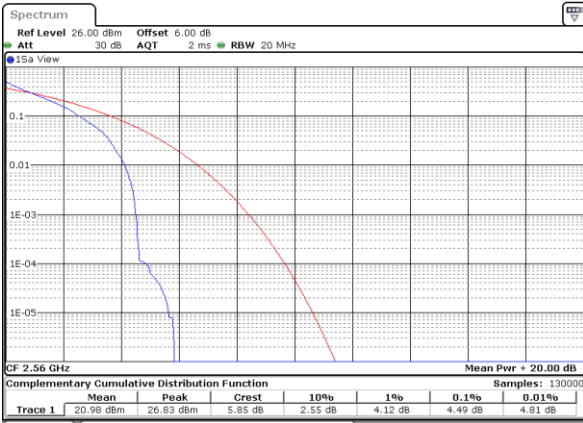
Date: 15 NOV 2020 05:45:45

Middle Channel / Full RB



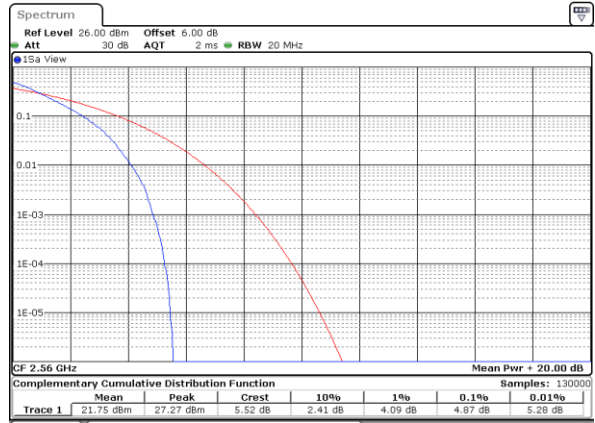
Date: 15 NOV 2020 05:45:36

Highest Channel / 1RB



Date: 15 NOV 2020 05:46:11

Highest Channel / Full RB

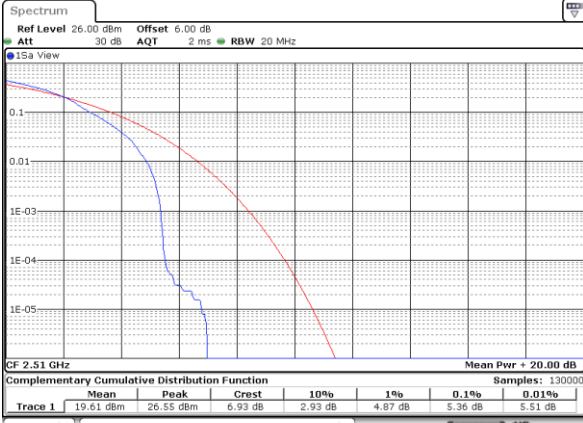


Date: 15 NOV 2020 05:46:20



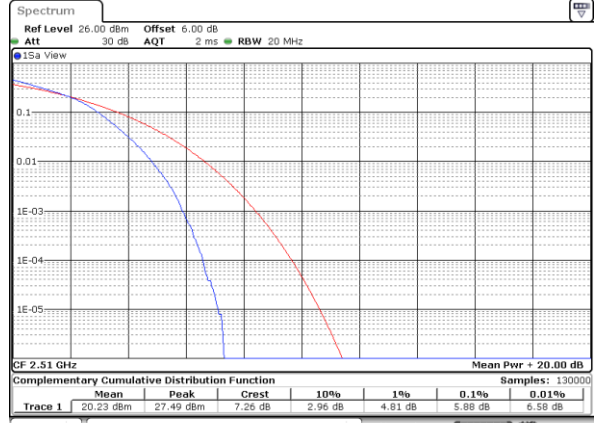
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



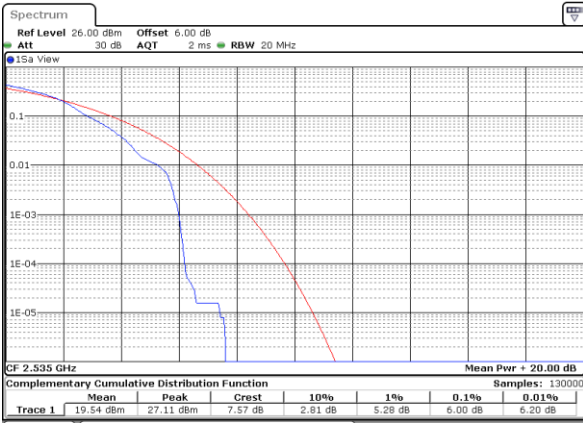
Date: 15 NOV 2020 05:44:53

Lowest Channel / Full RB



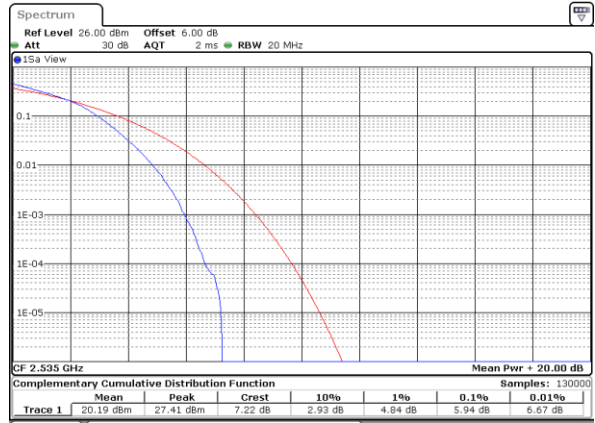
Date: 15 NOV 2020 05:45:19

Middle Channel / 1RB



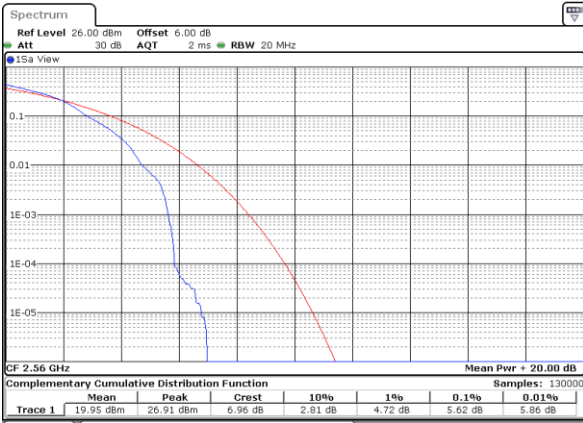
Date: 15 NOV 2020 05:45:54

Middle Channel / Full RB



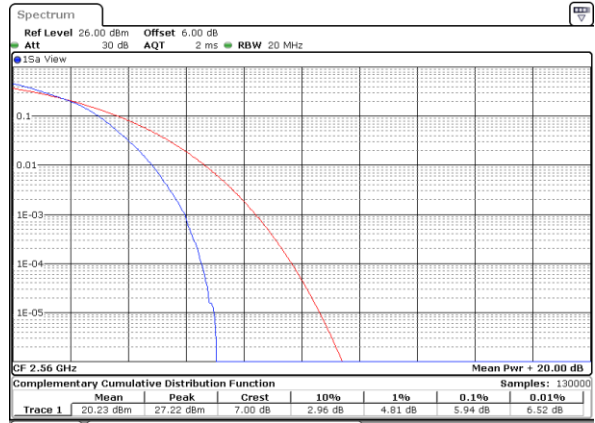
Date: 15 NOV 2020 05:45:28

Highest Channel / 1RB



Date: 15 NOV 2020 05:46:02

Highest Channel / Full RB



Date: 15 NOV 2020 05:46:29