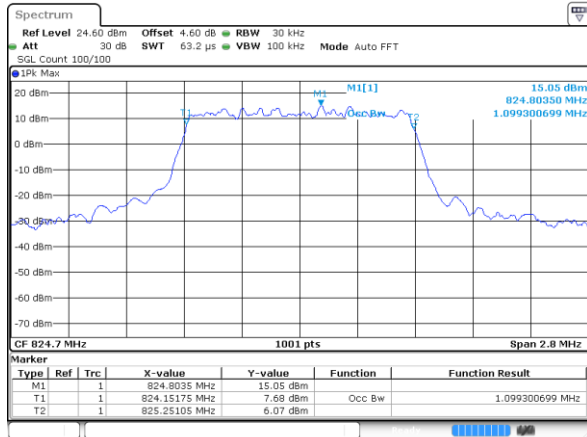
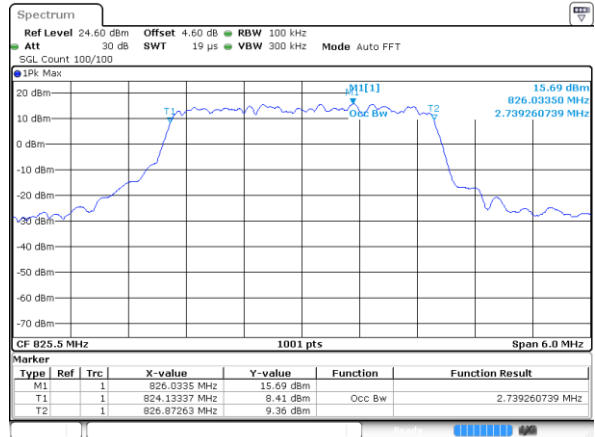
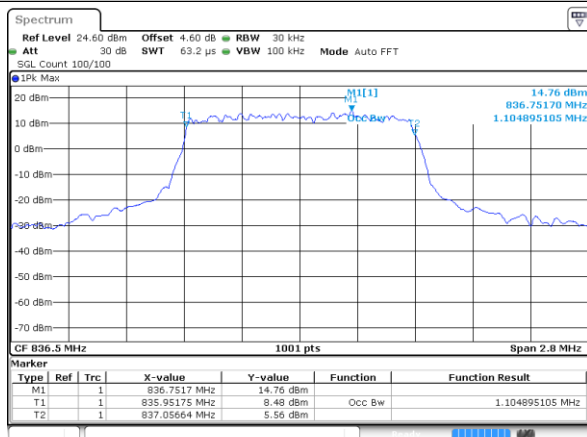


**LTE Band 5****Lowest Channel / 1.4MHz / 64QAM**

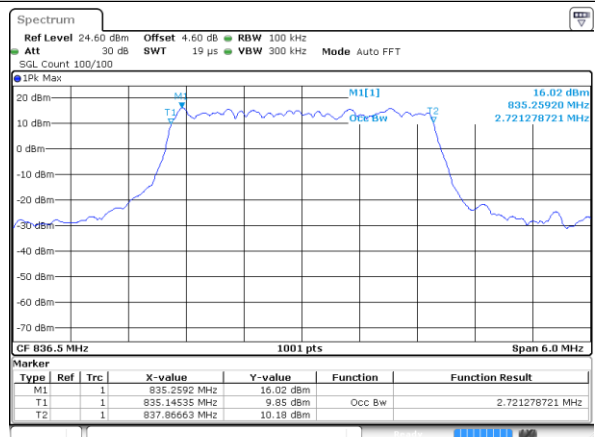
Date: 14 NOV 2020 21:29:46

Lowest Channel / 3MHz / 64QAM

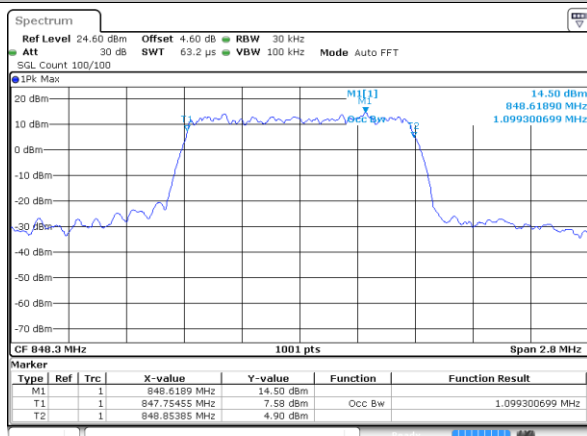
Date: 14 NOV 2020 21:40:00

Middle Channel / 1.4MHz / 64QAM

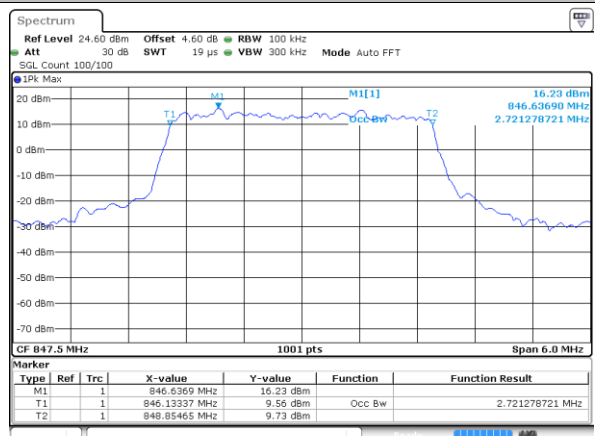
Date: 14 NOV 2020 21:35:10

Middle Channel / 3MHz / 64QAM

Date: 14 NOV 2020 21:45:24

Highest Channel / 1.4MHz / 64QAM

Date: 14 NOV 2020 21:35:30

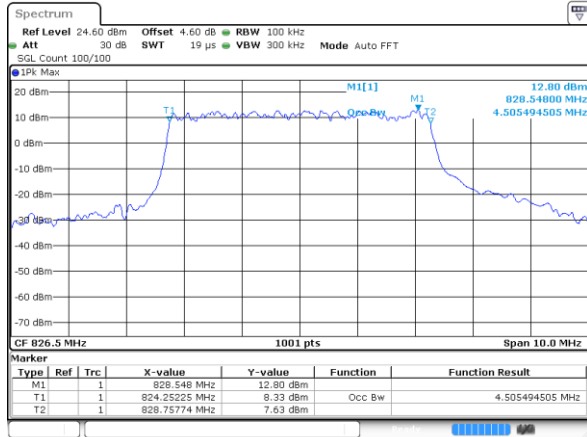
Highest Channel / 3MHz / 64QAM

Date: 14 NOV 2020 21:45:44

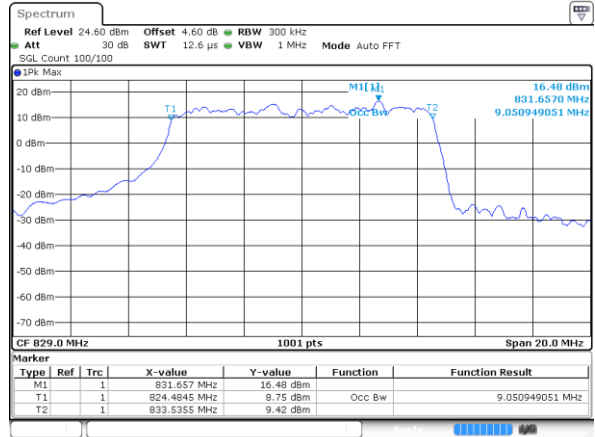


LTE Band 5

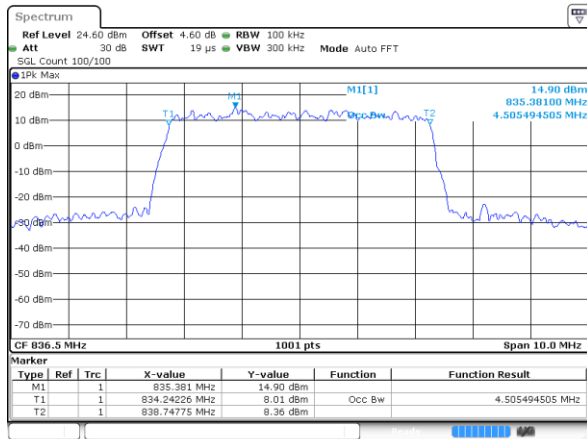
Lowest Channel / 5MHz / 64QAM



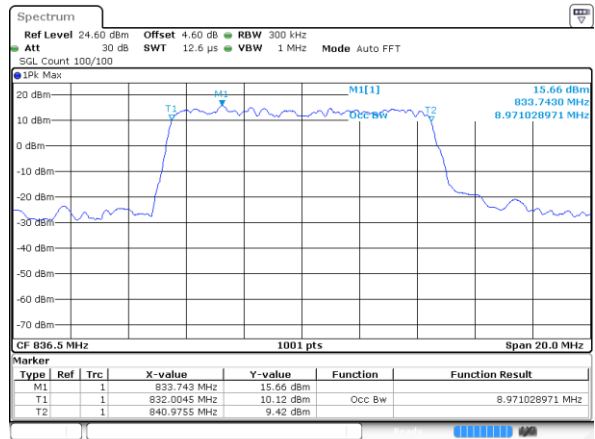
Lowest Channel / 10MHz / 64QAM



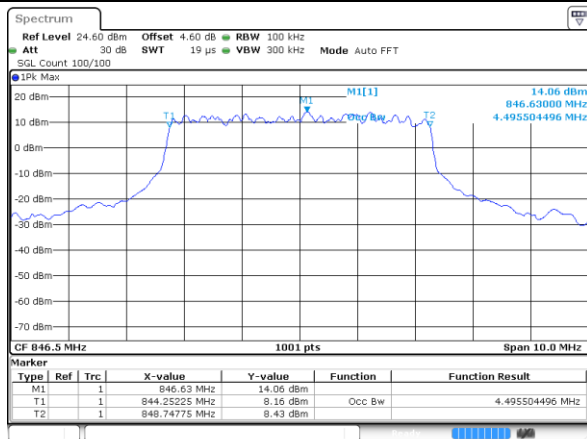
Middle Channel / 5MHz / 64QAM



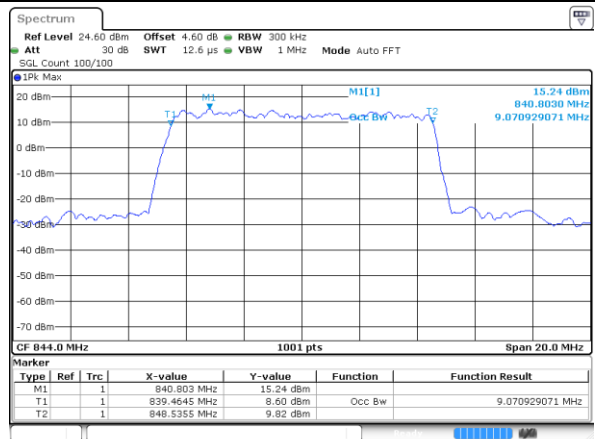
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

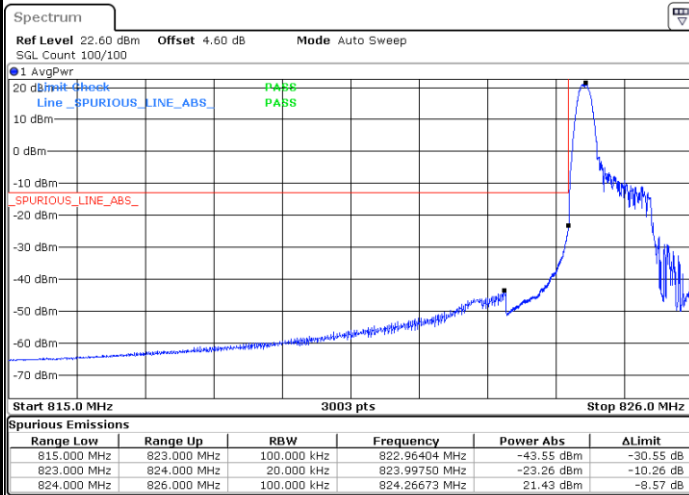




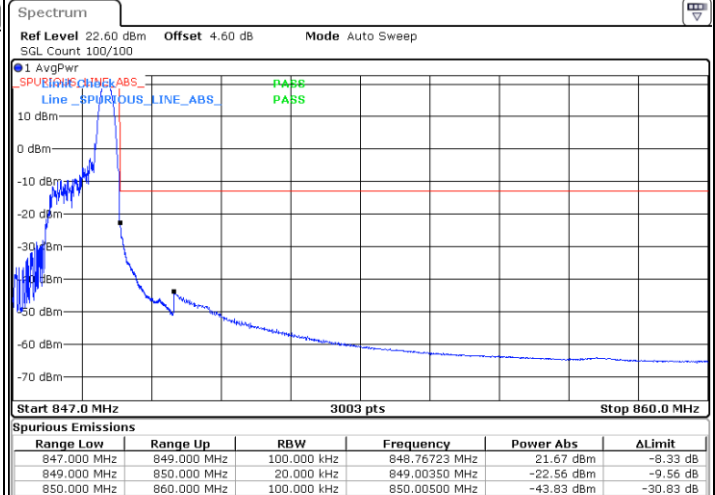
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

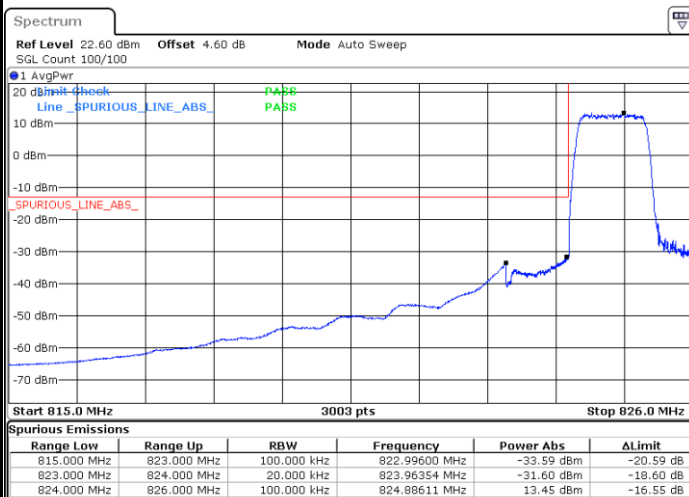
Lowest Band Edge / 1RB



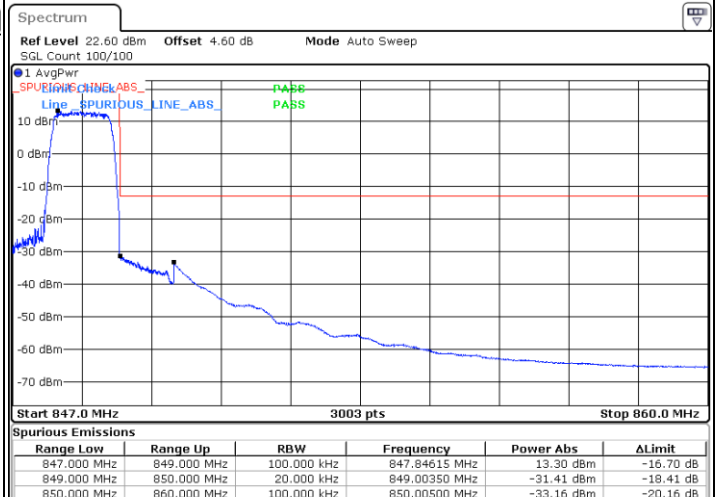
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



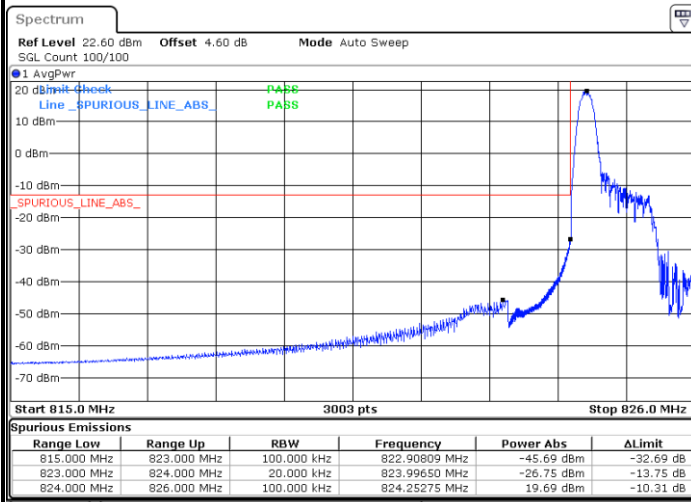
Highest Band Edge / Full RB



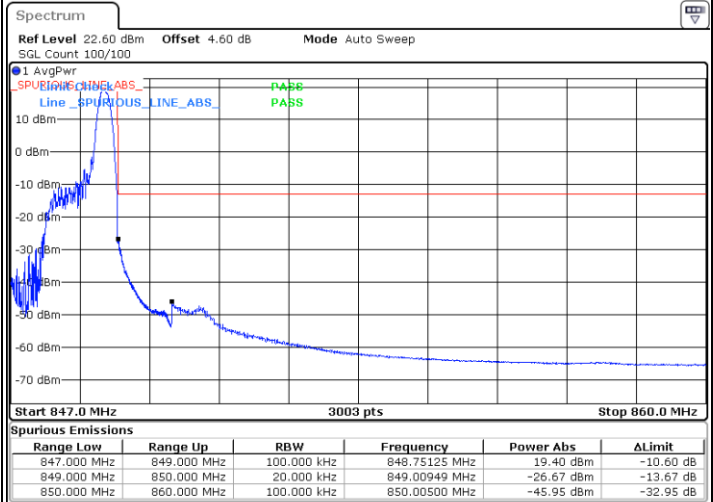


LTE Band 5 / 1.4MHz / 16QAM

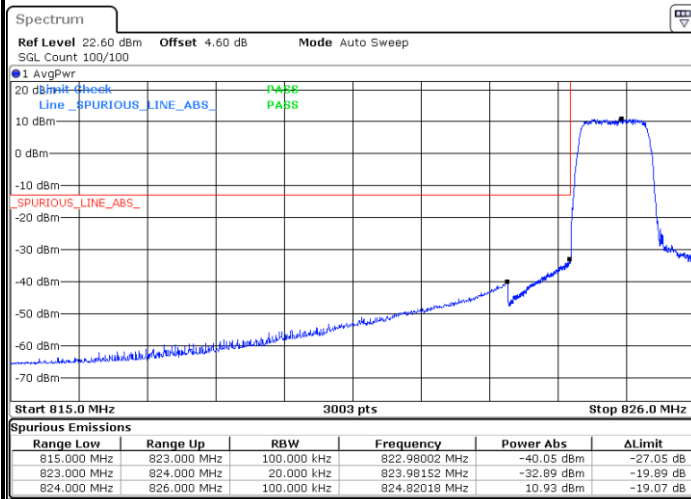
Lowest Band Edge / 1 RB



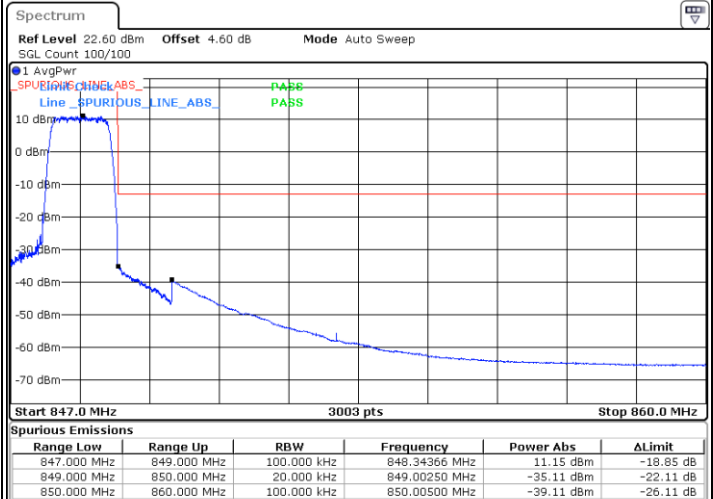
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



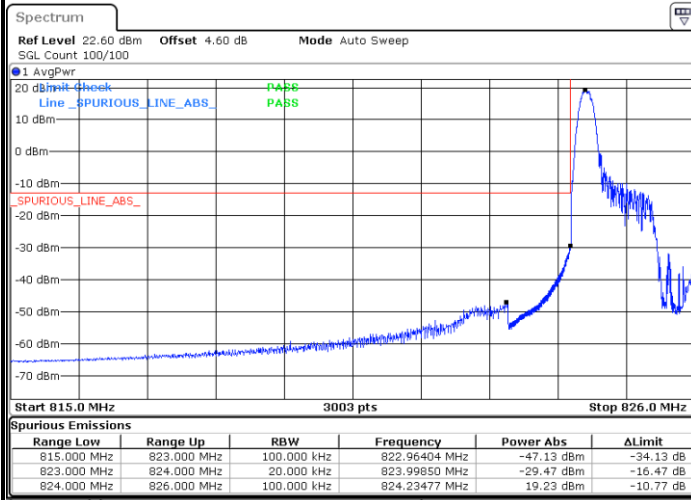
Highest Band Edge / Full RB



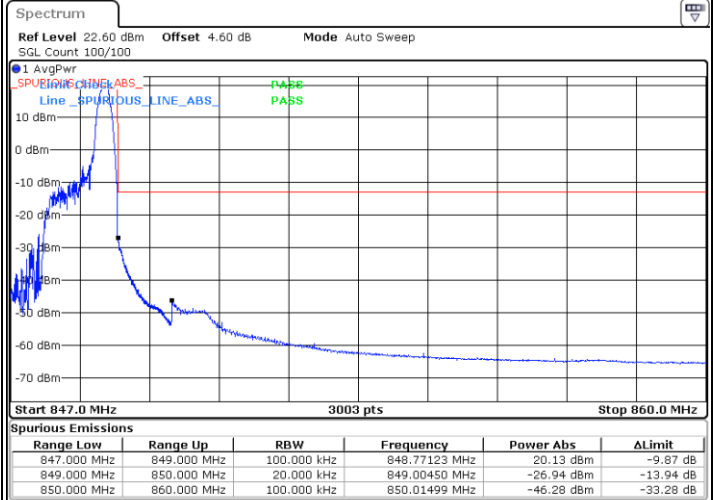


LTE Band 5 / 1.4MHz / 64QAM

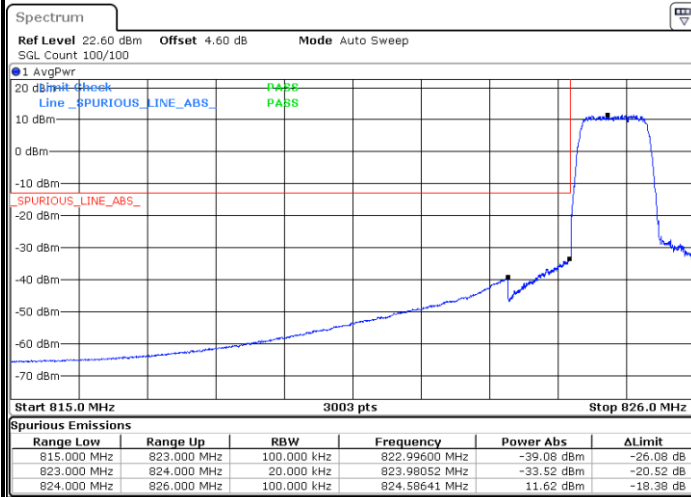
Lowest Band Edge / 1 RB



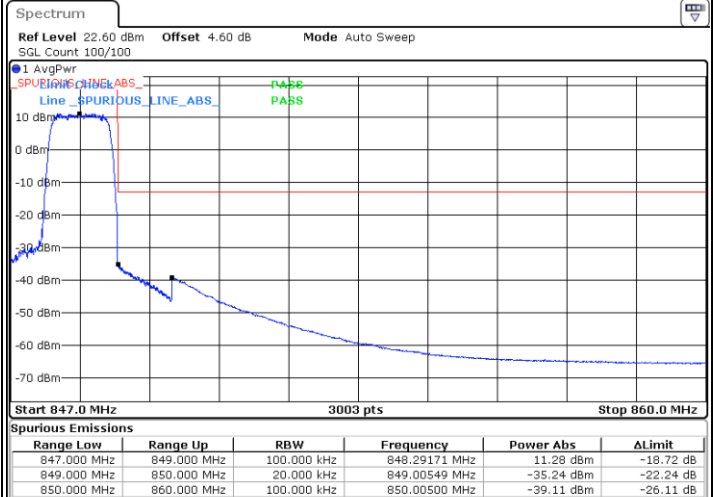
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



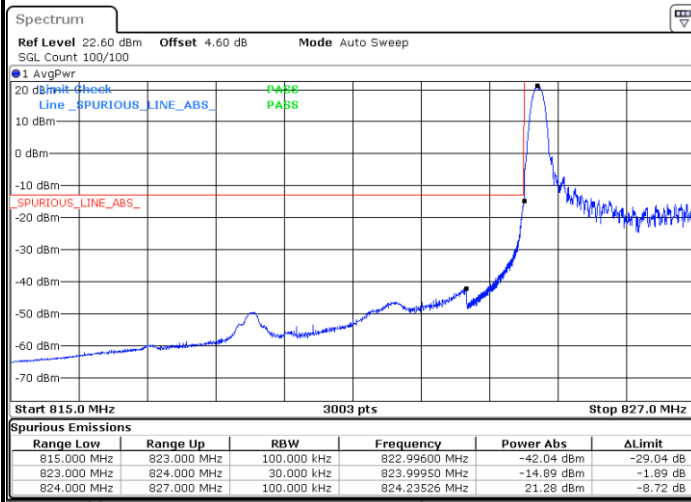
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

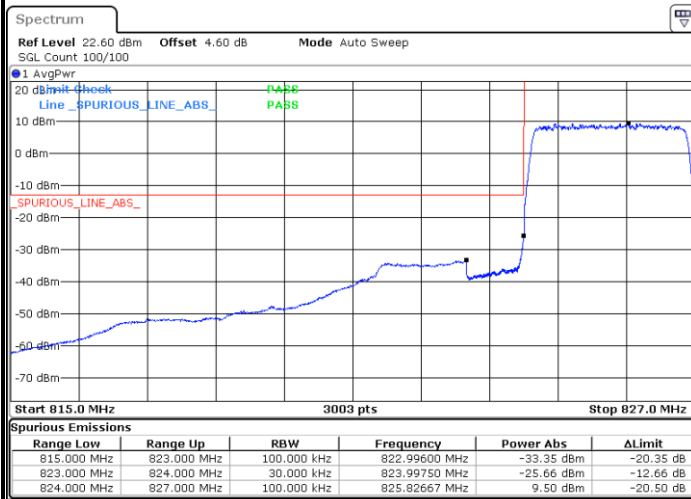
Lowest Band Edge / 1RB



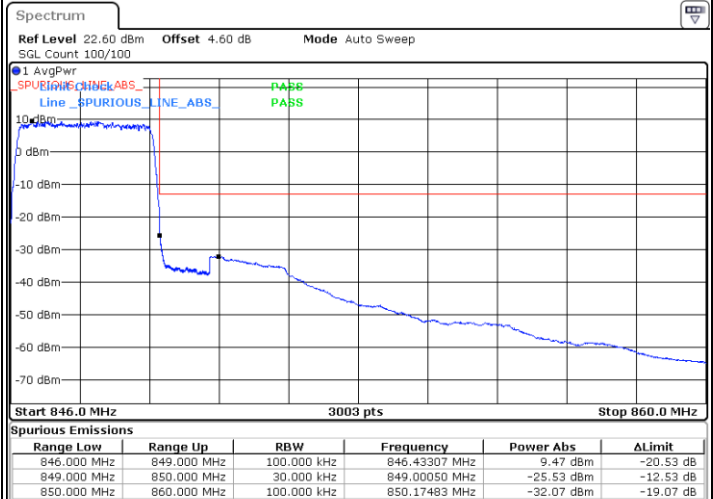
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



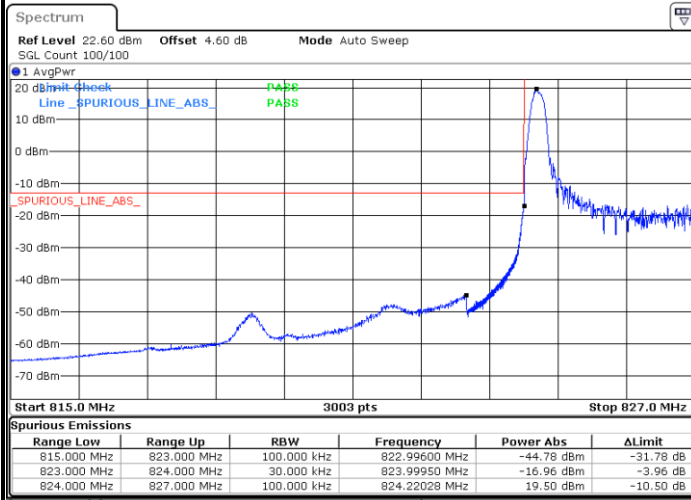
Highest Band Edge / Full RB



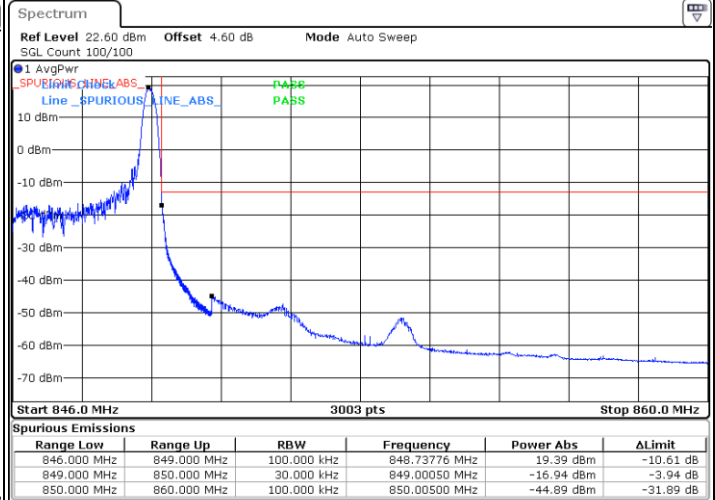


LTE Band 5 / 3MHz / 16QAM

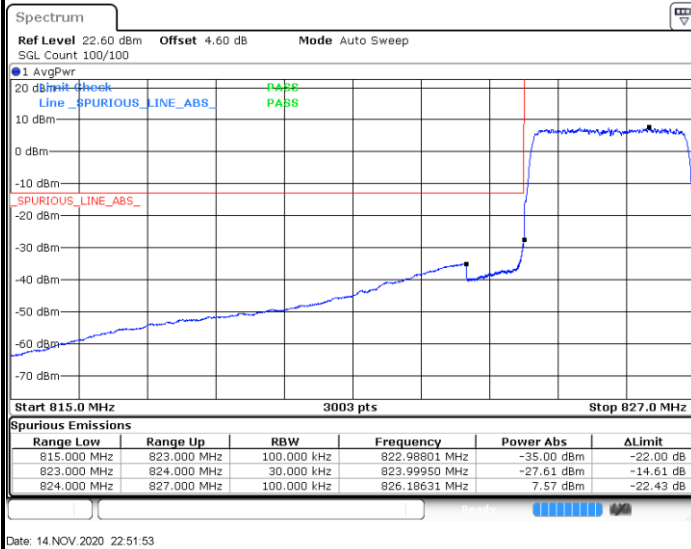
Lowest Band Edge / 1 RB



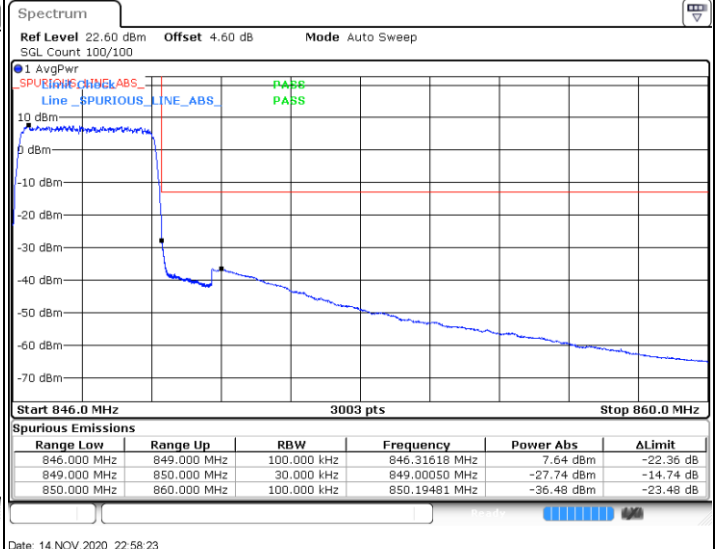
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



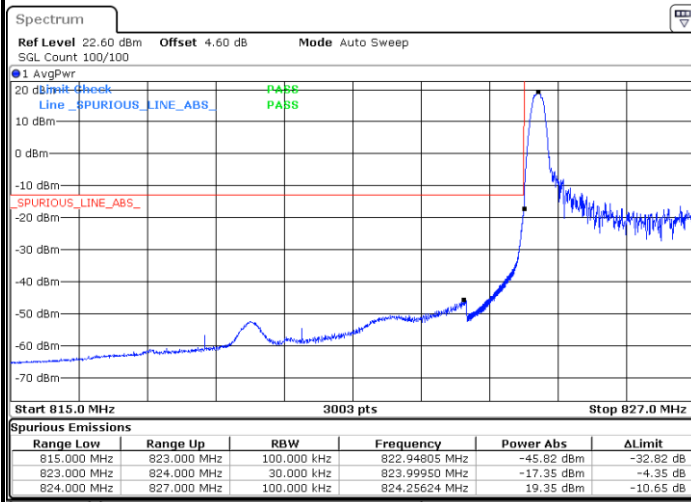
Highest Band Edge / Full RB



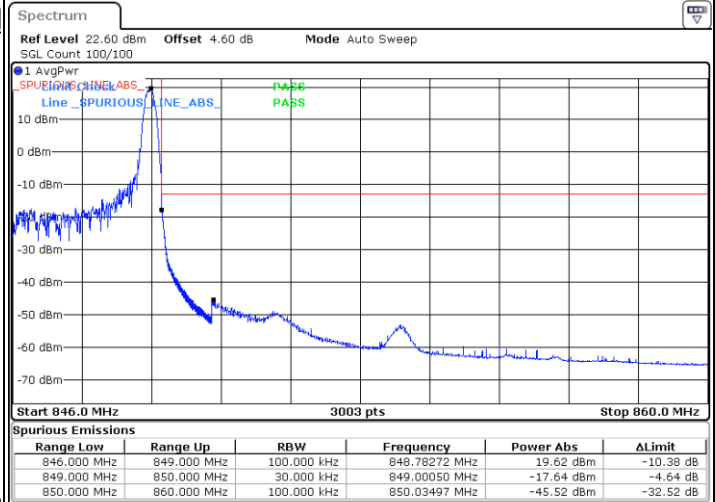


LTE Band 5 / 3MHz / 64QAM

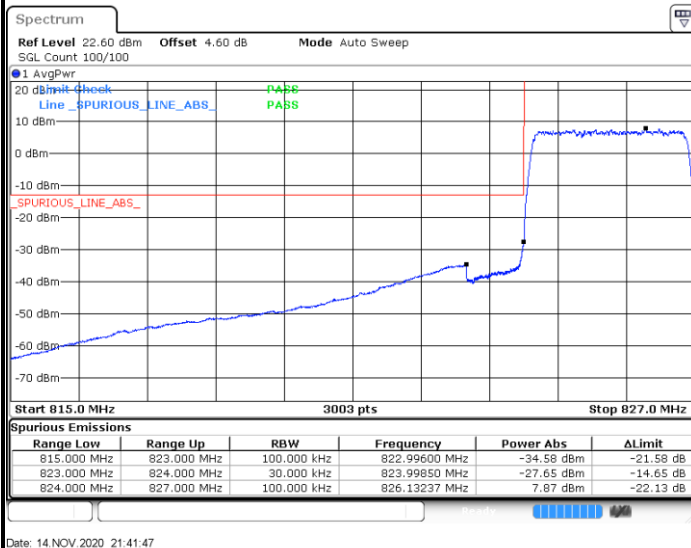
Lowest Band Edge / 1 RB



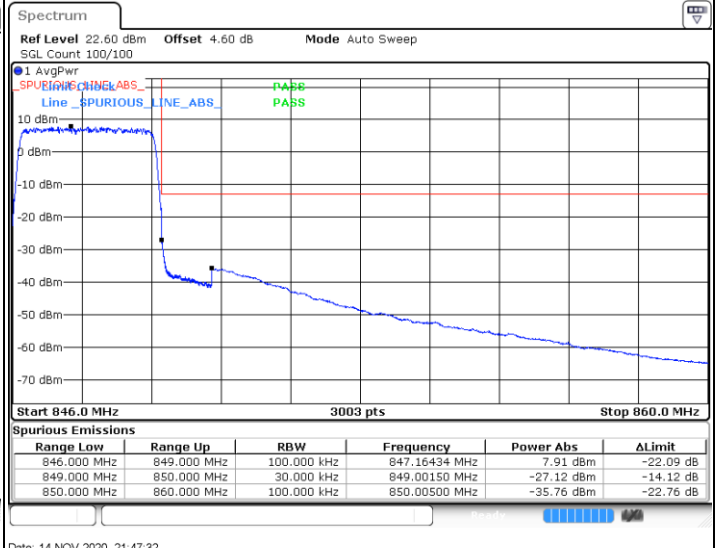
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



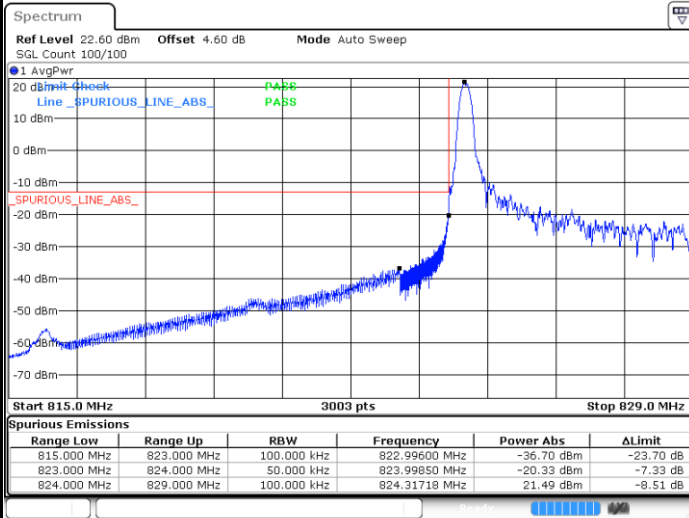
Highest Band Edge / Full RB



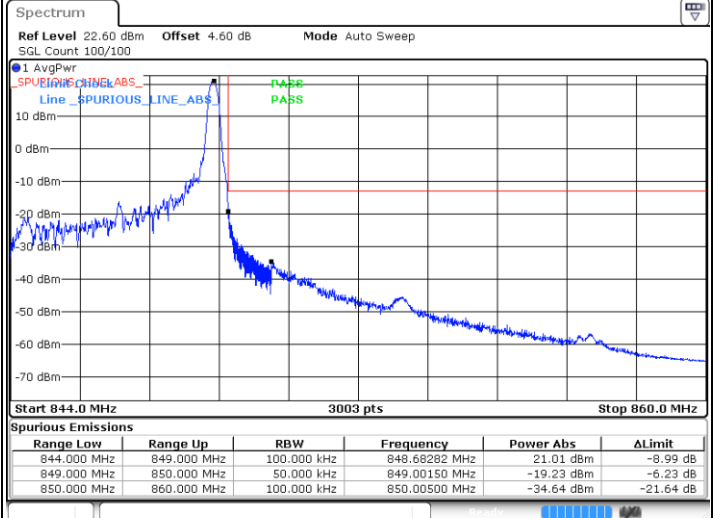


LTE Band 5 / 5MHz / QPSK

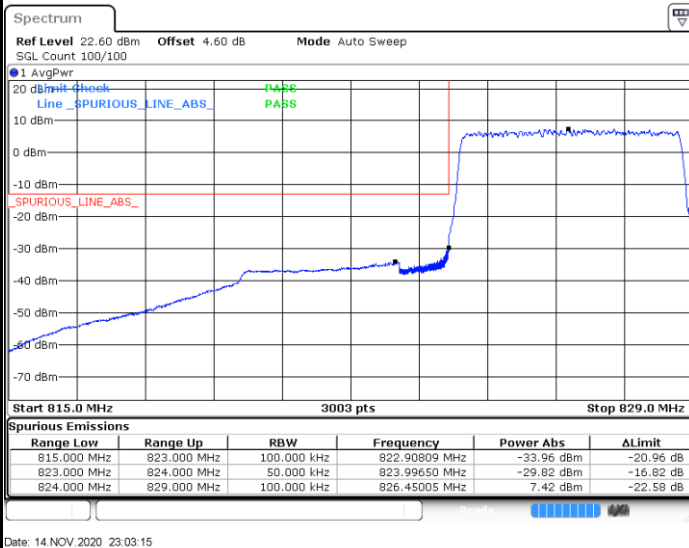
Lowest Band Edge / 1 RB



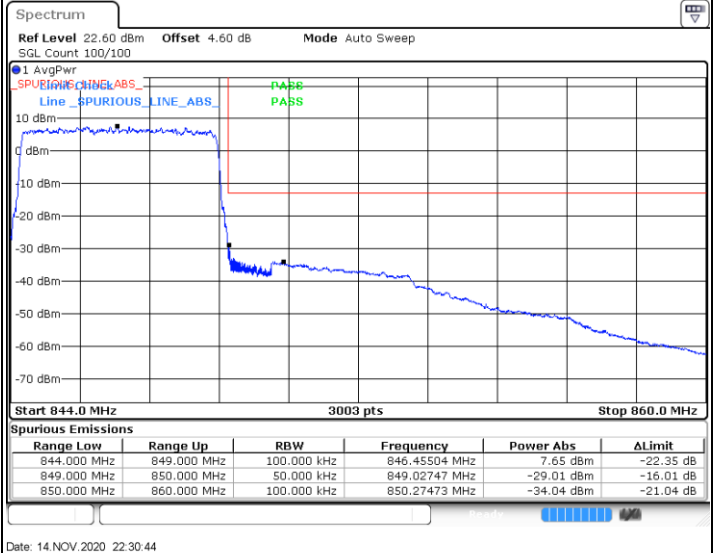
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



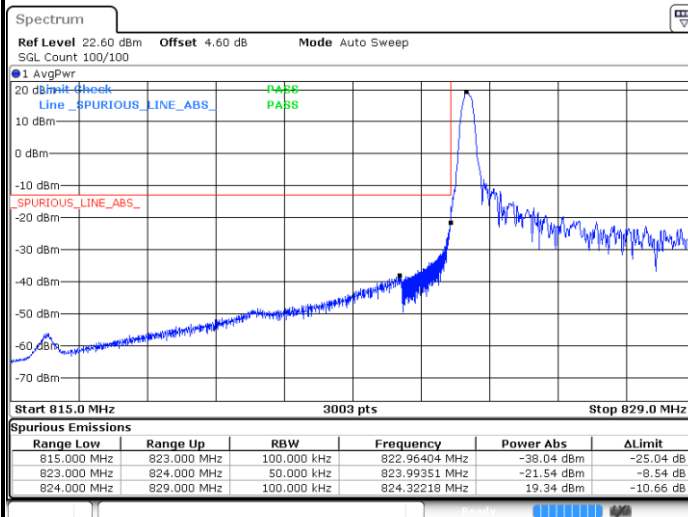
Highest Band Edge / Full RB



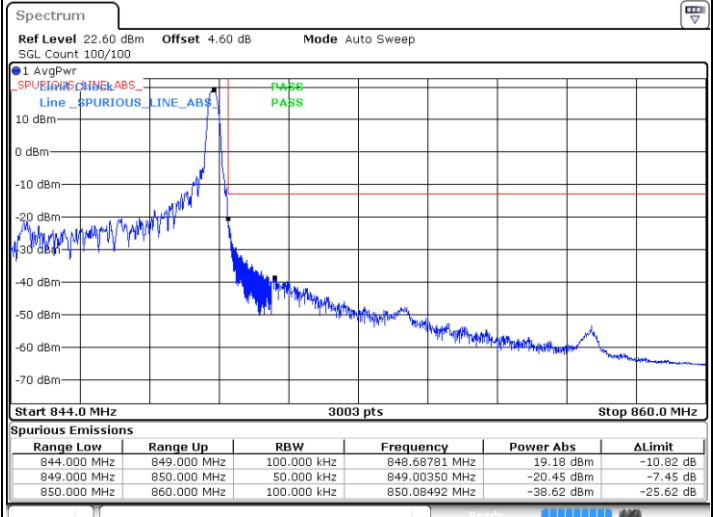


LTE Band 5 / 5MHz / 16QAM

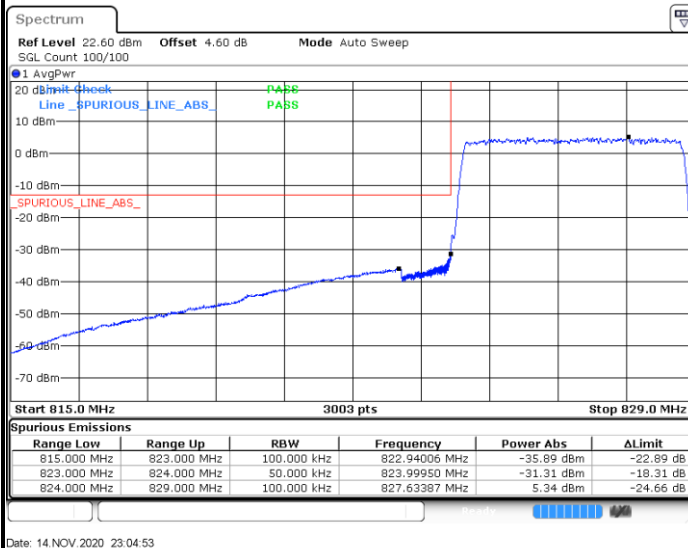
Lowest Band Edge / 1RB



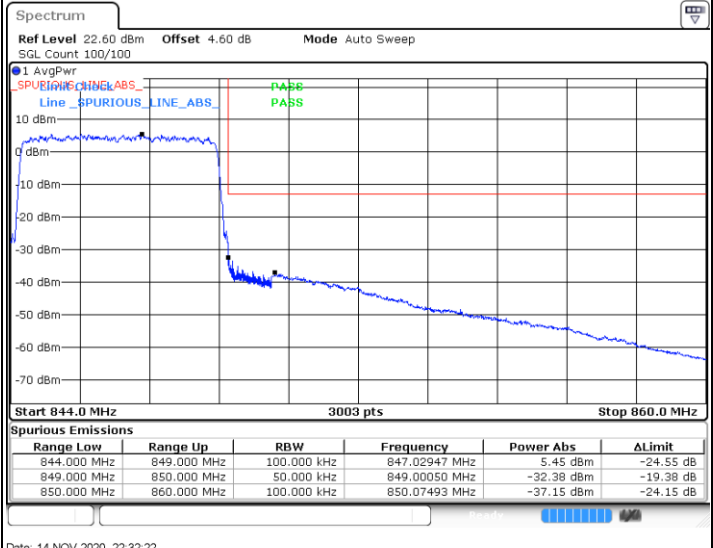
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



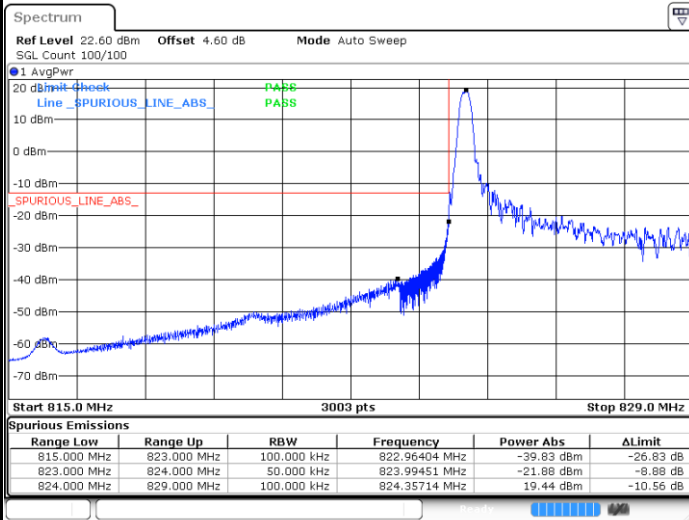
Highest Band Edge / Full RB



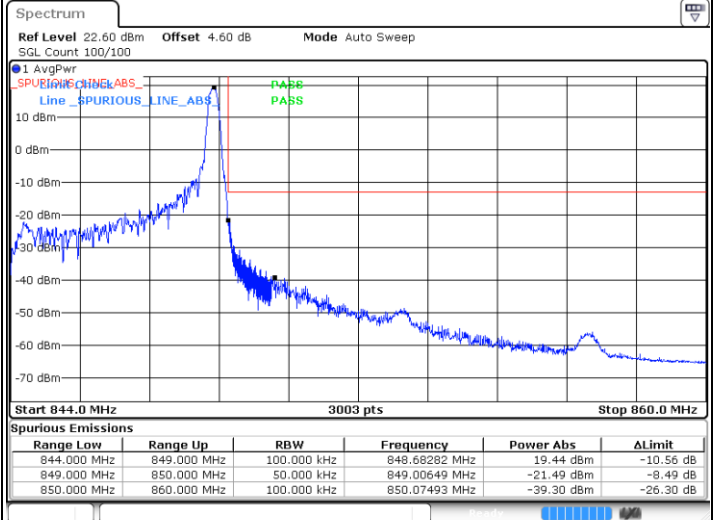


LTE Band 5 / 5MHz / 64QAM

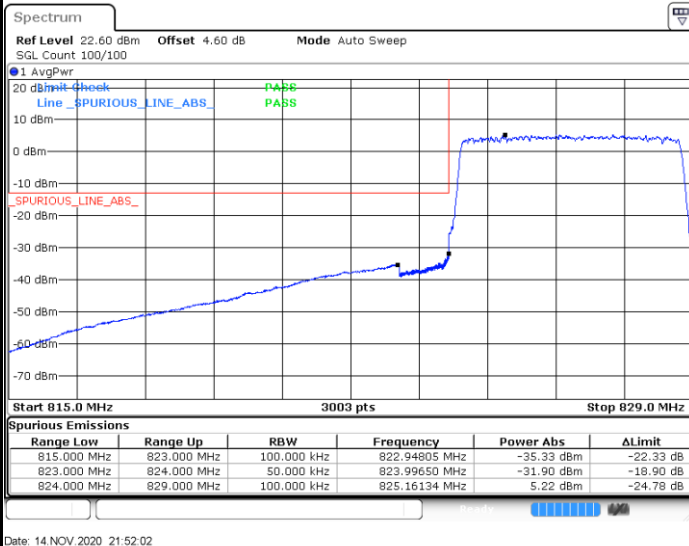
Lowest Band Edge / 1RB



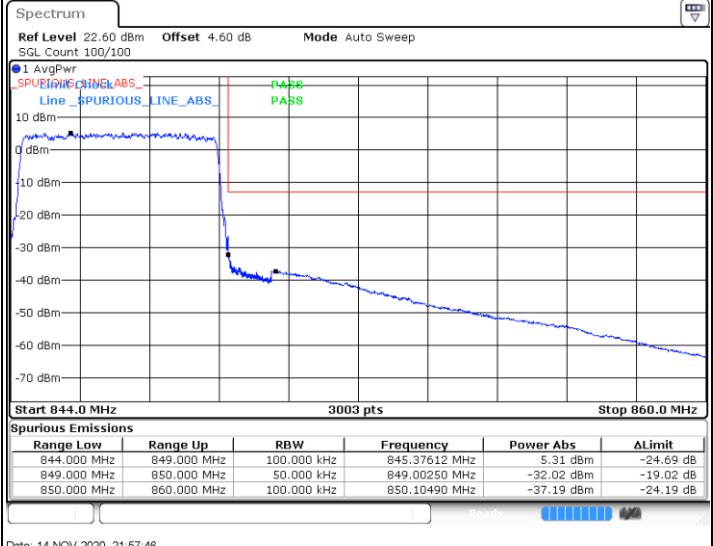
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



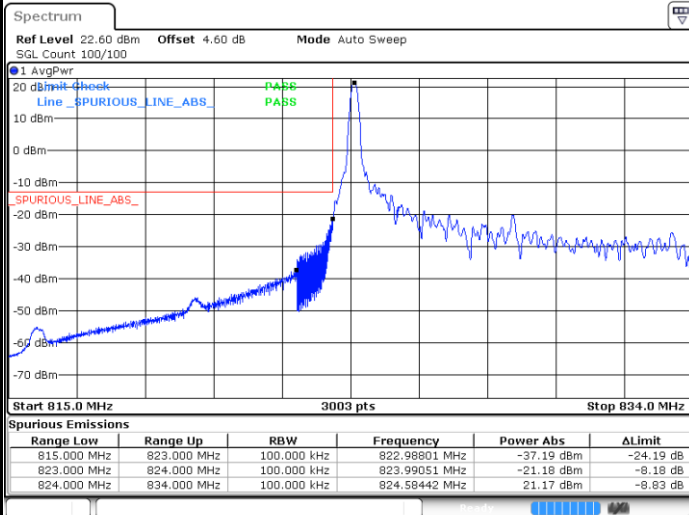
Highest Band Edge / Full RB



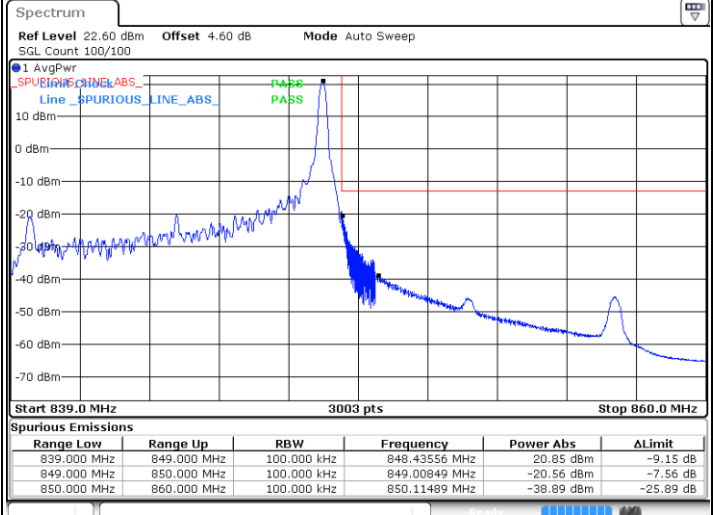


LTE Band 5 / 10MHz / QPSK

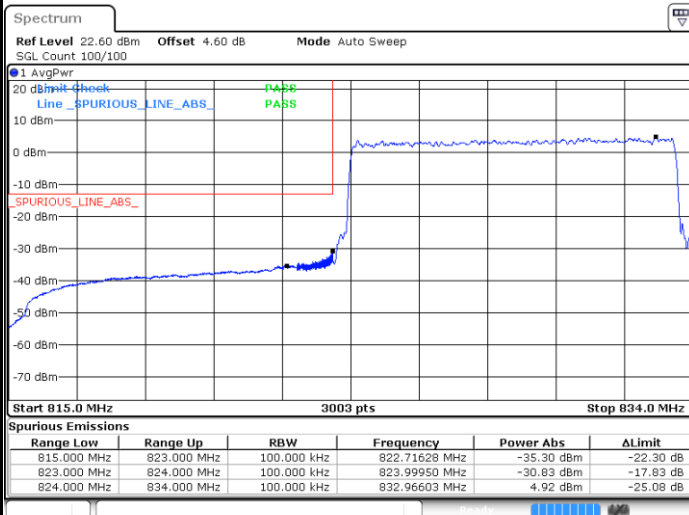
Lowest Band Edge / 1 RB



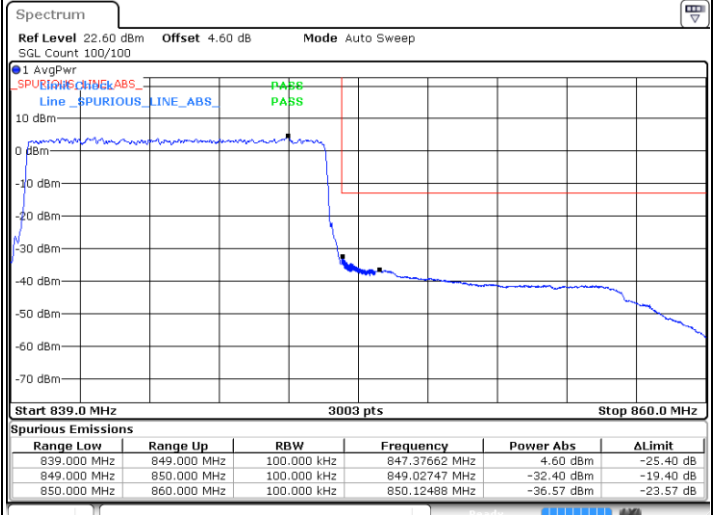
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



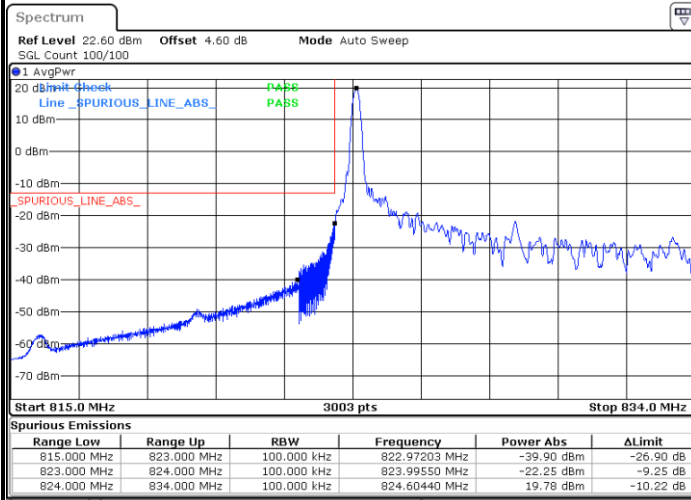
Highest Band Edge / Full RB



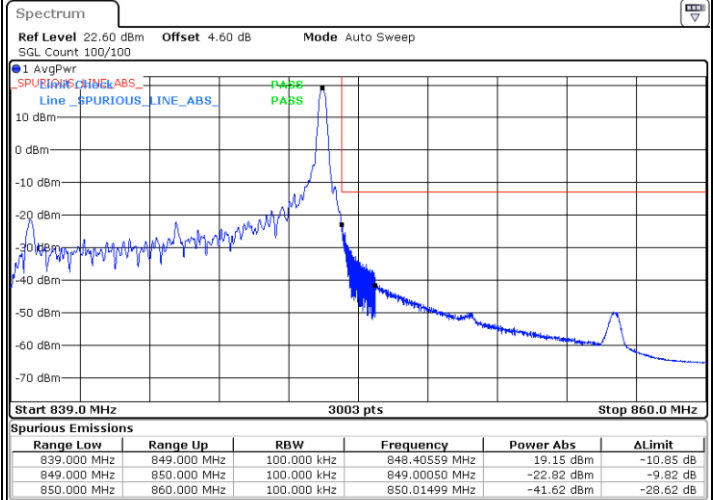


LTE Band 5 / 10MHz / 16QAM

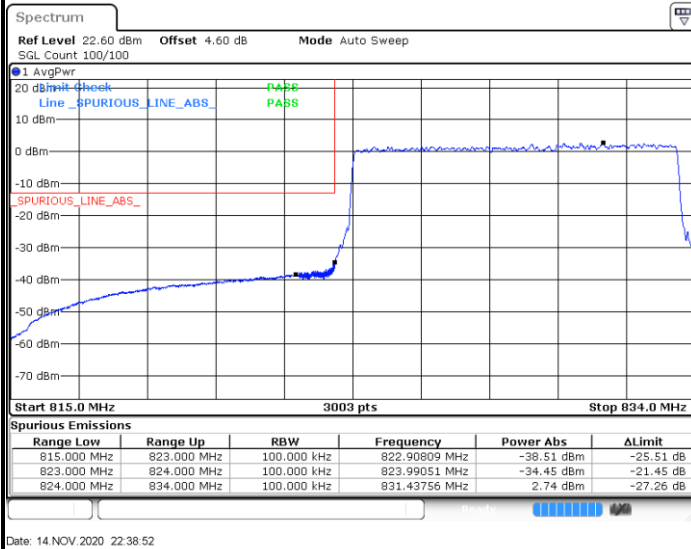
Lowest Band Edge / 1 RB



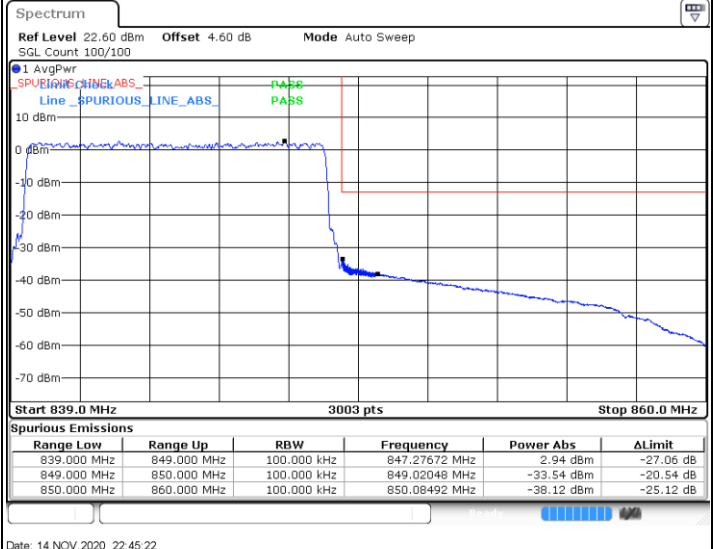
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



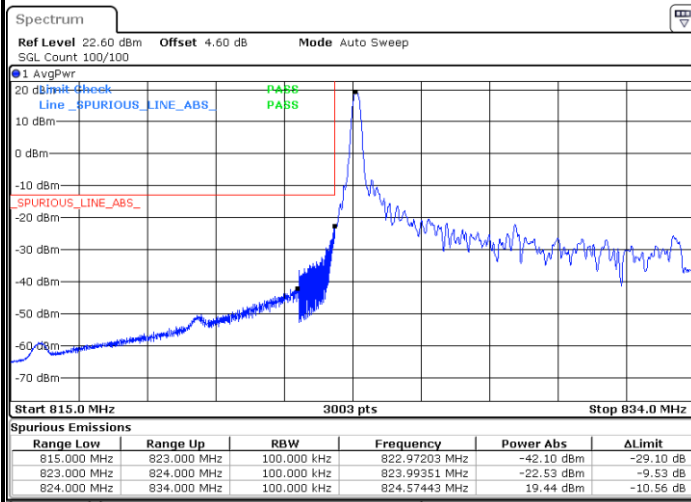
Highest Band Edge / Full RB



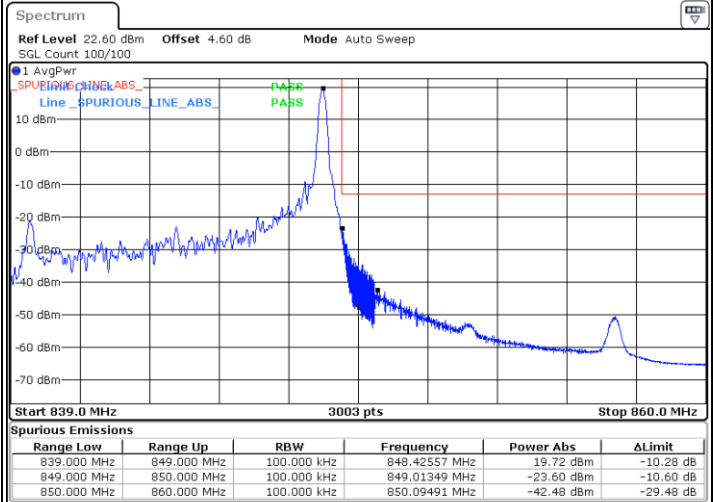


LTE Band 5 / 10MHz / 64QAM

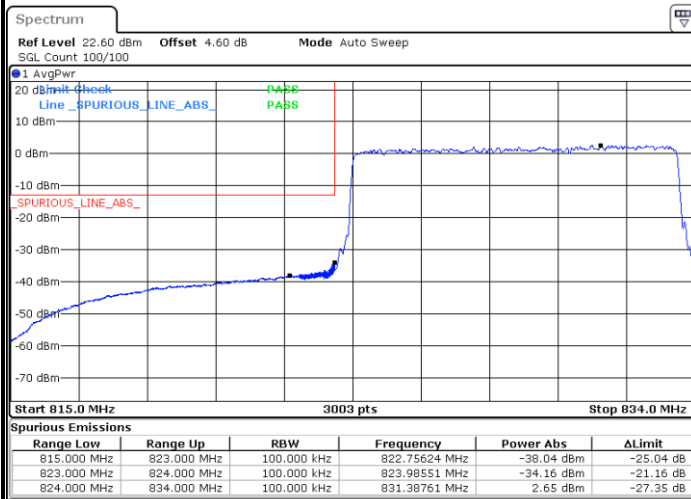
Lowest Band Edge / 1 RB



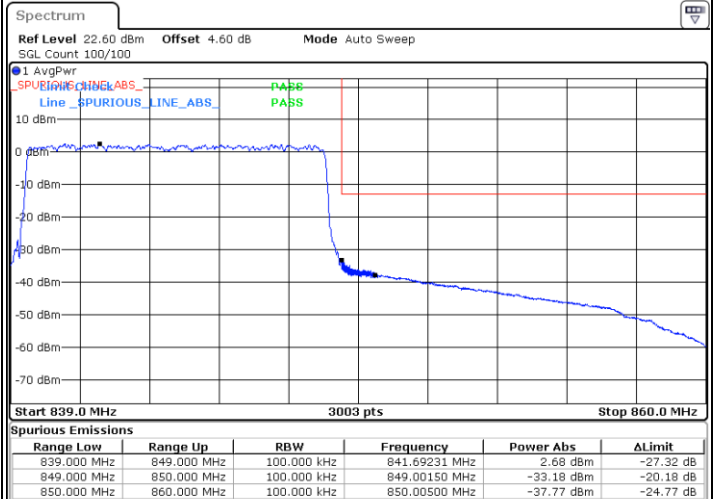
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

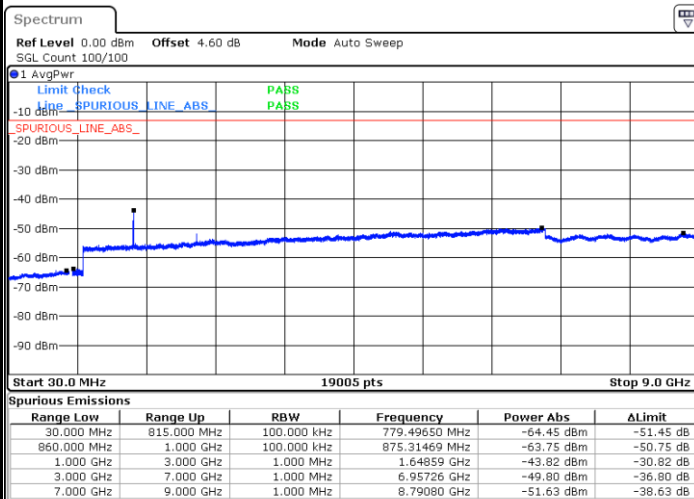




Conducted Spurious Emission

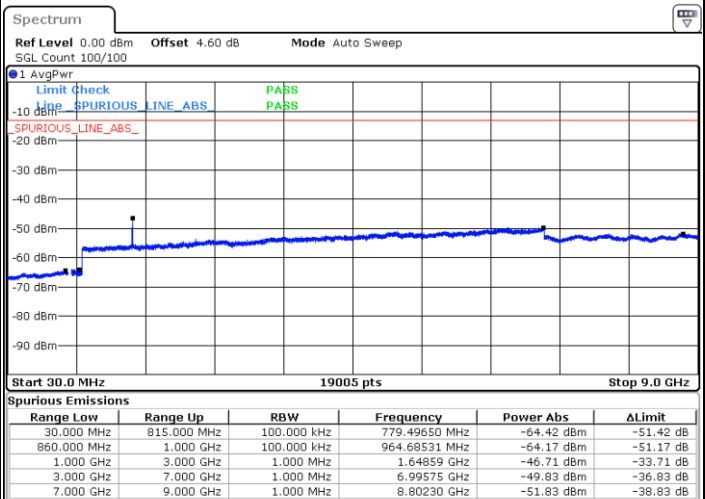
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



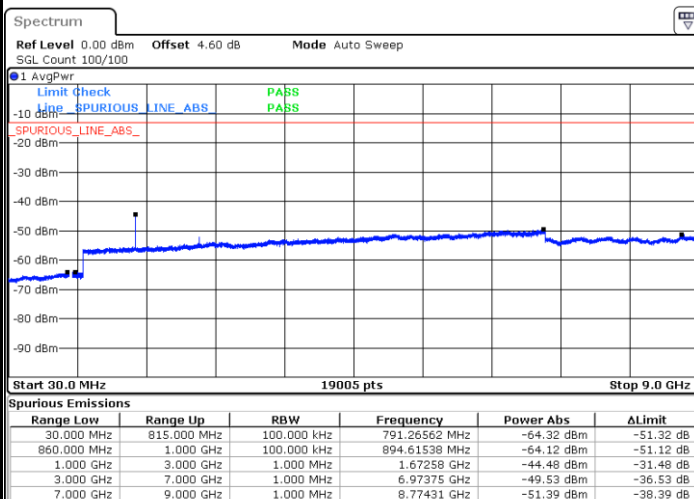
Date: 14 NOV 2020 20:53:47

Lowest Channel / 16QAM



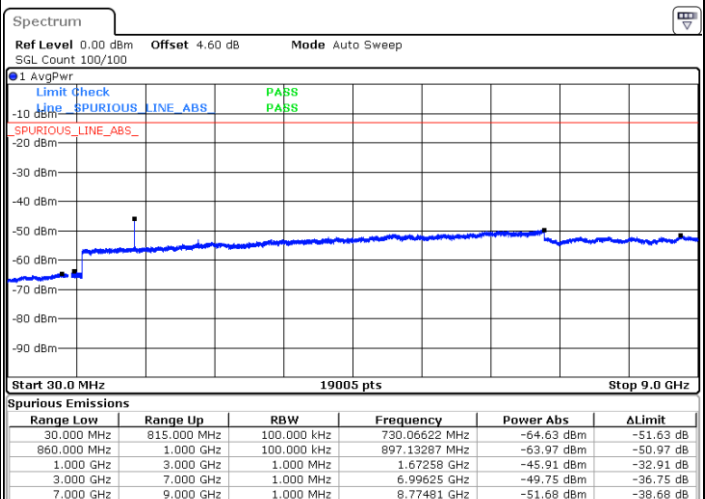
Date: 14 NOV 2020 20:54:42

Middle Channel / QPSK



Date: 14 NOV 2020 20:56:17

Middle Channel / 16QAM

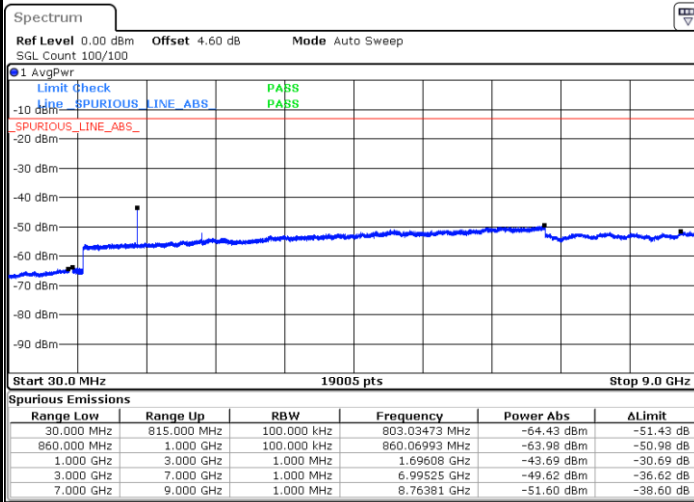


Date: 14 NOV 2020 20:57:11



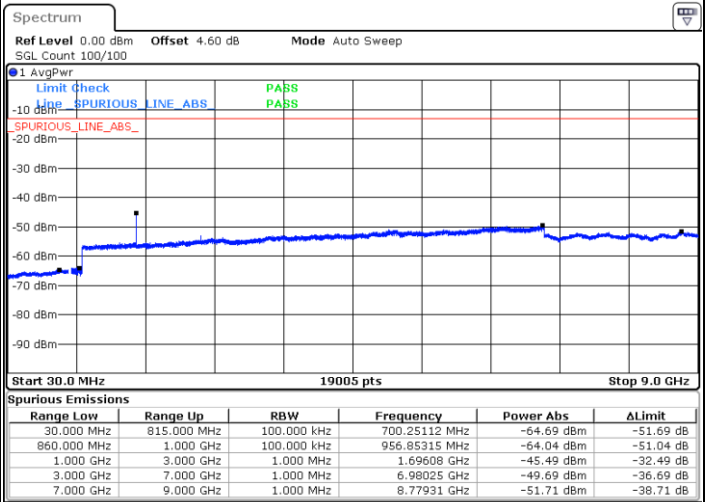
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 14 NOV 2020 20:58:46

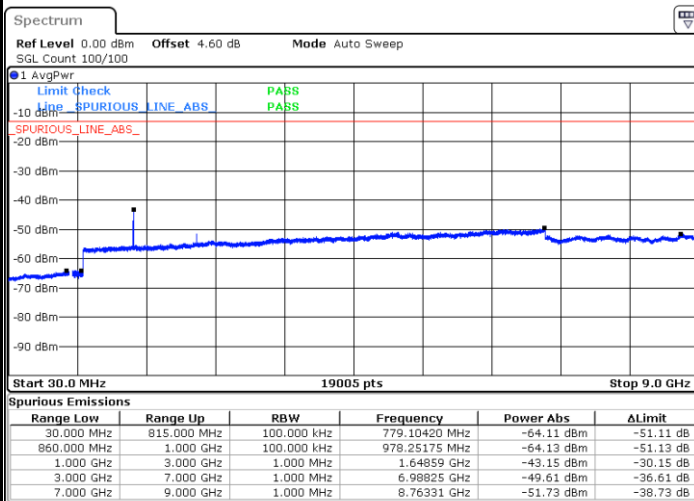
Highest Channel / 16QAM



Date: 14 NOV 2020 20:59:41

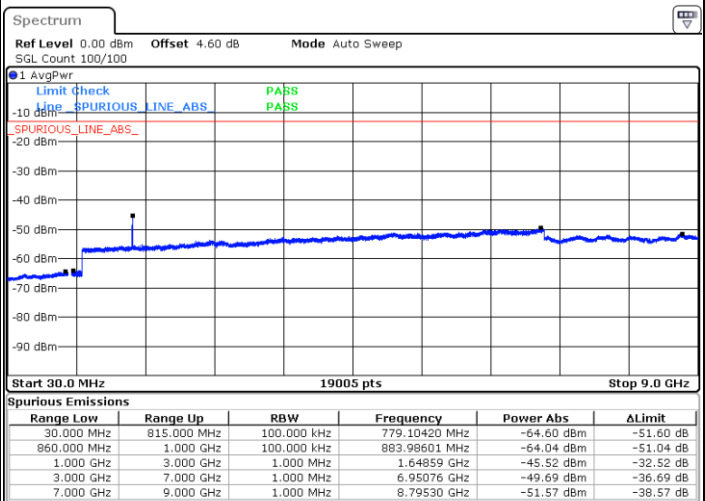
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 14 NOV 2020 21:01:15

Lowest Channel / 16QAM

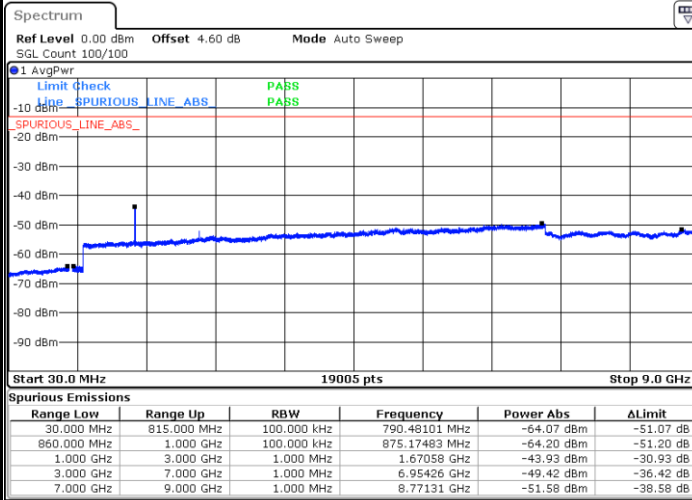


Date: 14 NOV 2020 21:02:10



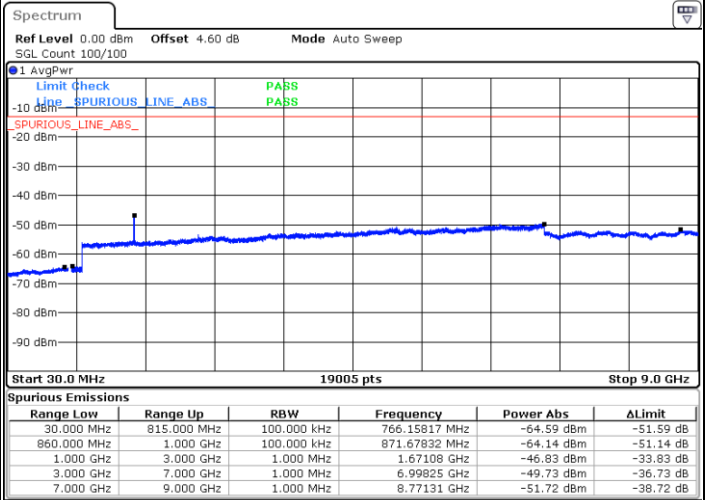
LTE Band 5 / 3MHz

Middle Channel / QPSK



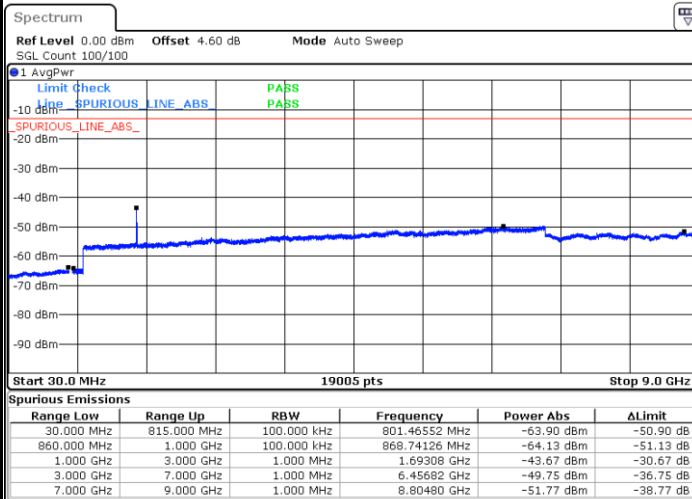
Date: 14 NOV 2020 21:03:45

Middle Channel / 16QAM



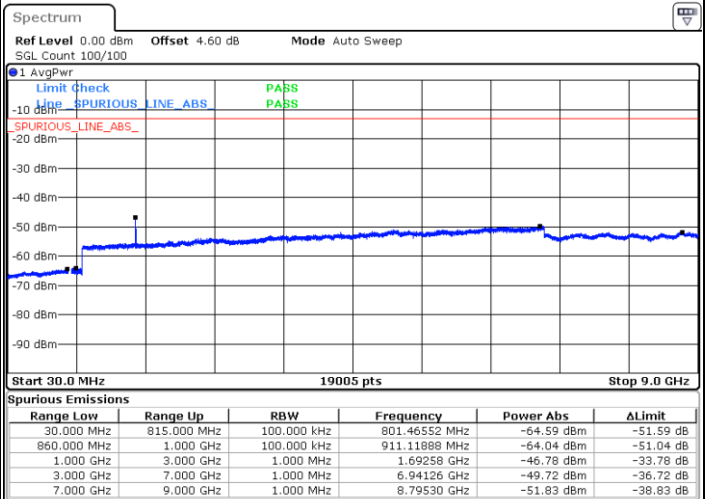
Date: 14 NOV 2020 21:04:39

Highest Channel / QPSK



Date: 14 NOV 2020 21:06:14

Highest Channel / 16QAM

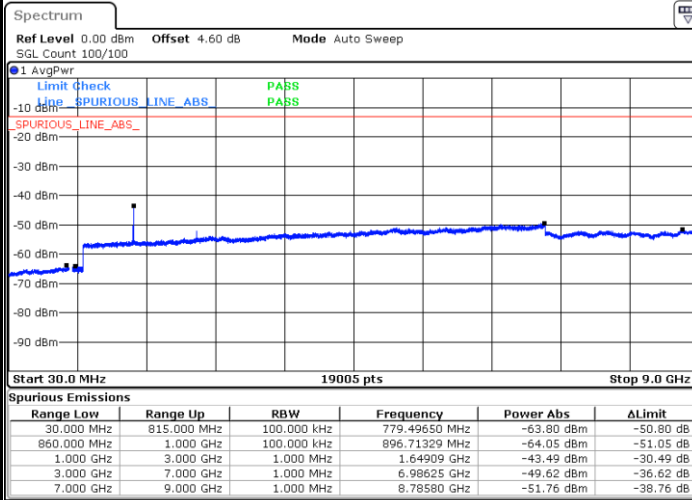


Date: 14 NOV 2020 21:07:08



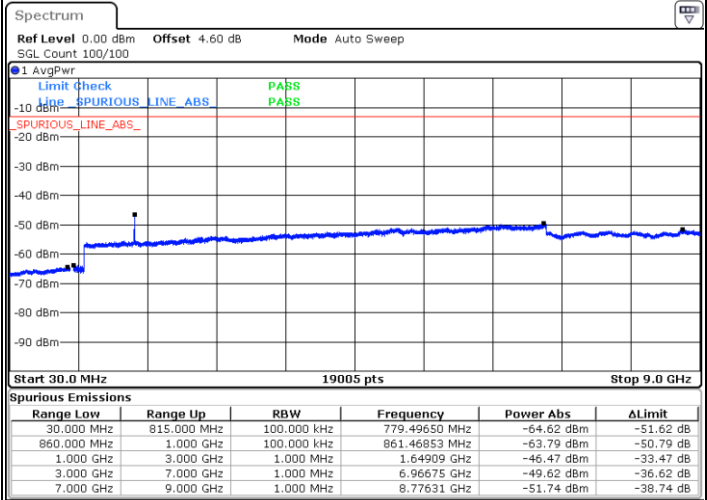
LTE Band 5 / 5MHz

Lowest Channel / QPSK



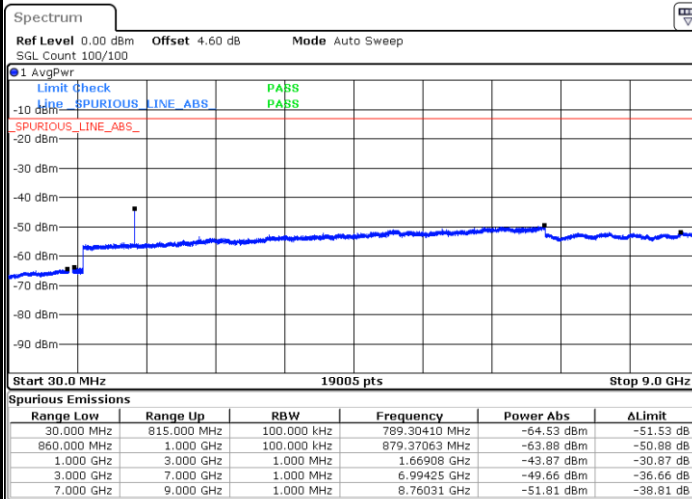
Date: 14 NOV 2020 21:08:43

Lowest Channel / 16QAM



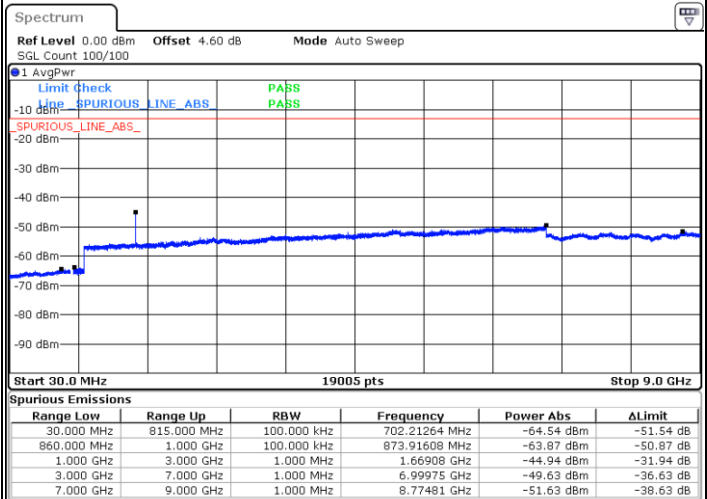
Date: 14 NOV 2020 21:09:38

Middle Channel / QPSK



Date: 14 NOV 2020 21:11:12

Middle Channel / 16QAM

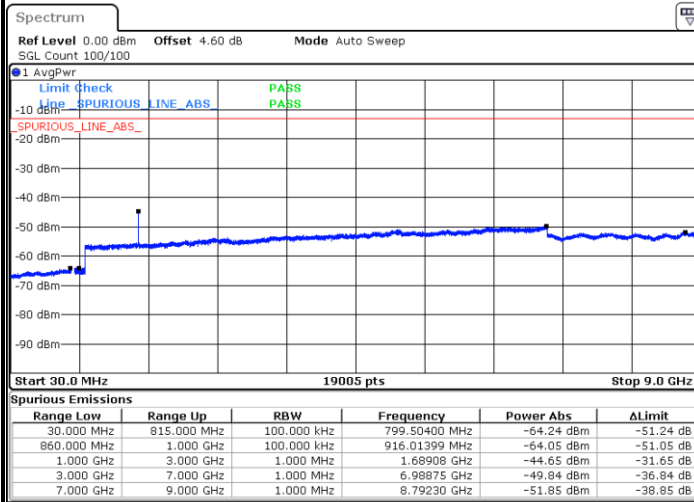


Date: 14 NOV 2020 21:12:07



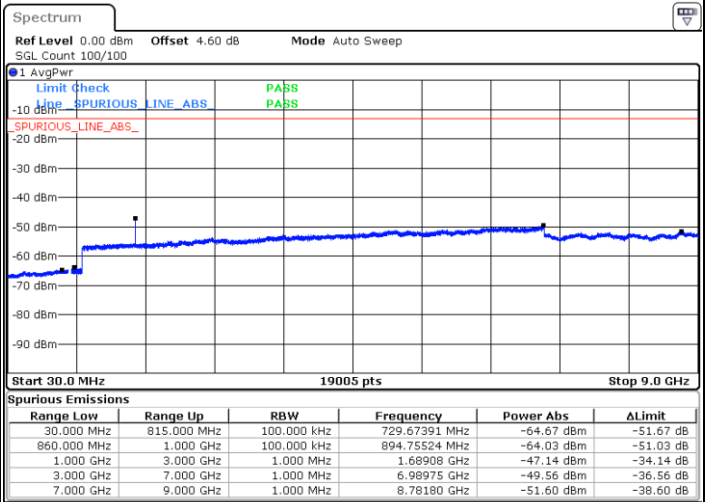
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 14 NOV 2020 21:13:41

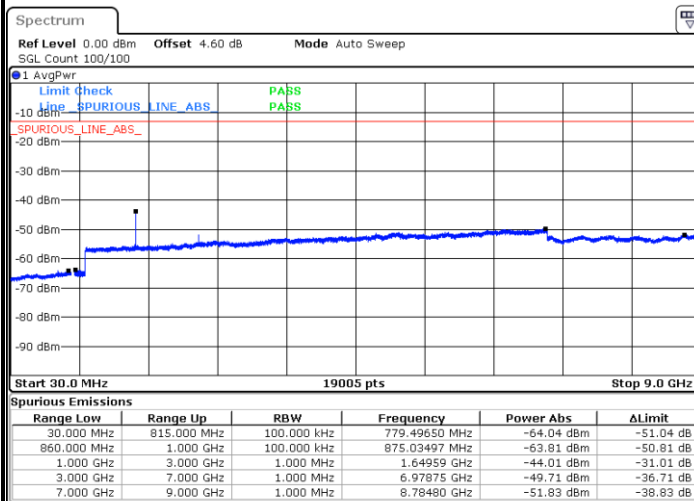
Highest Channel / 16QAM



Date: 14 NOV 2020 21:14:36

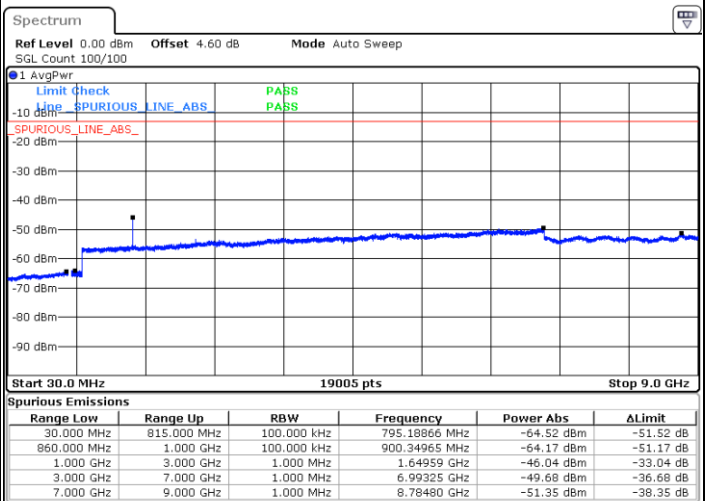
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 14 NOV 2020 21:16:11

Lowest Channel / 16QAM

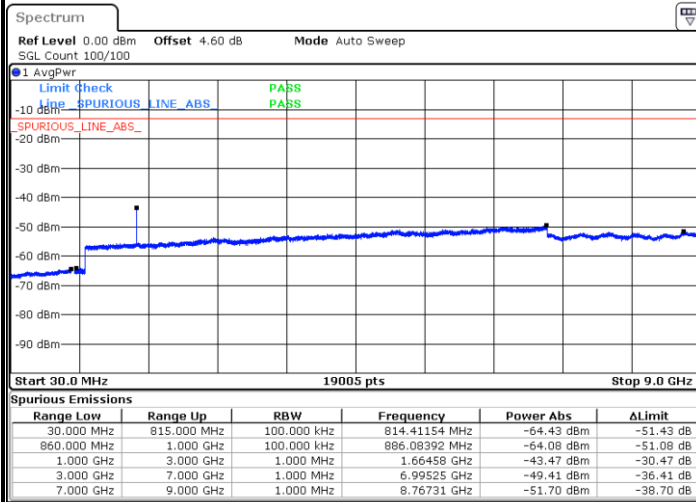


Date: 14 NOV 2020 21:17:05



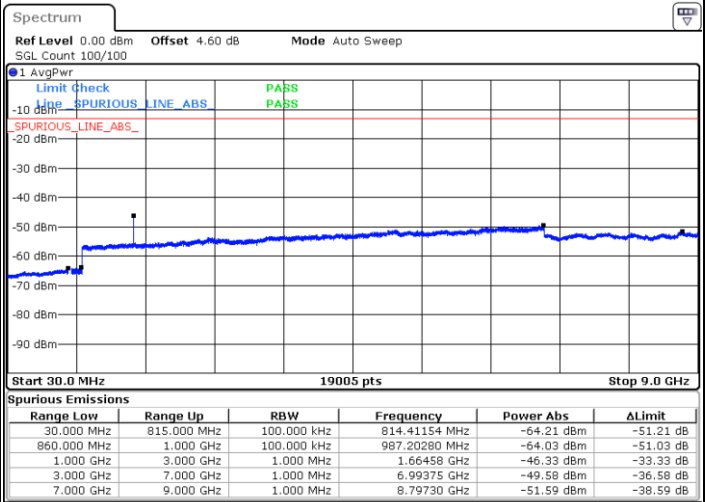
LTE Band 5 / 10MHz

Middle Channel / QPSK



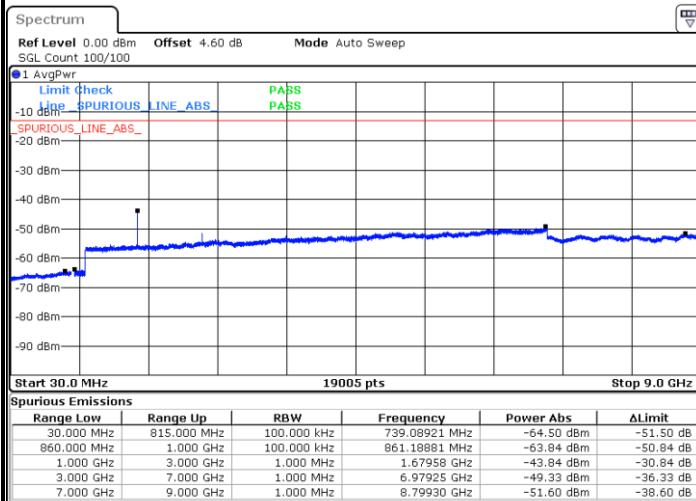
Date: 14 NOV 2020 21:18:40

Middle Channel / 16QAM



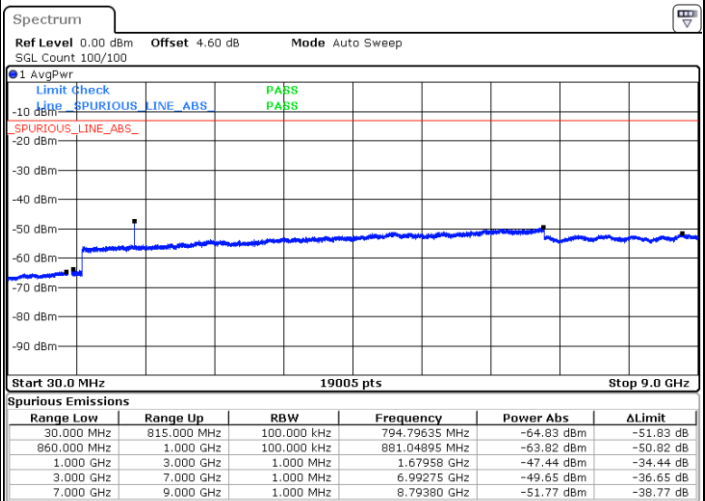
Date: 14 NOV 2020 21:19:35

Highest Channel / QPSK



Date: 14 NOV 2020 21:21:09

Highest Channel / 16QAM

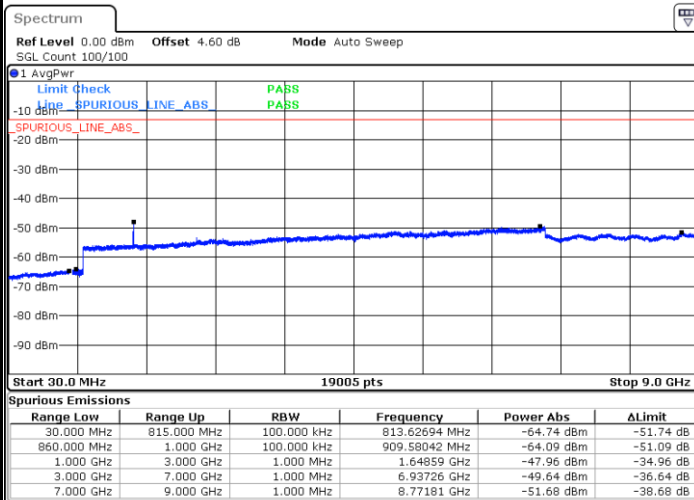


Date: 14 NOV 2020 21:22:04



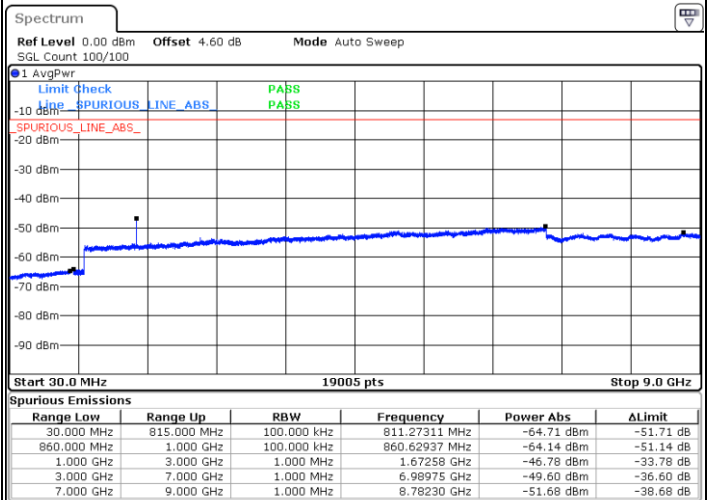
LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM



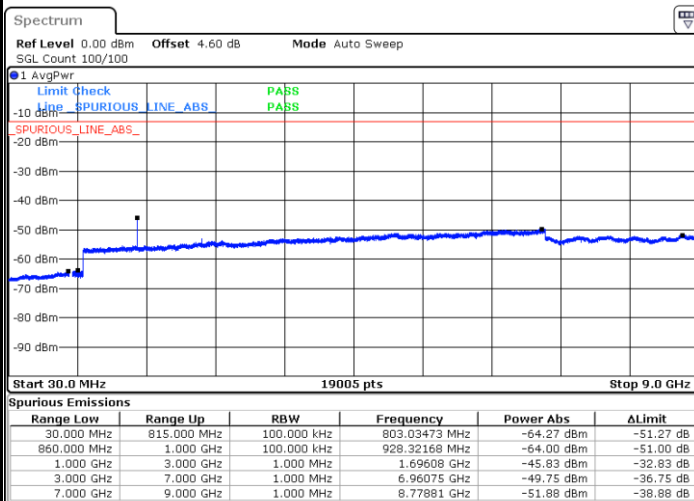
Date: 14 NOV 2020 21:34:05

Middle Channel / 64QAM



Date: 14 NOV 2020 21:34:59

Highest Channel / 64QAM

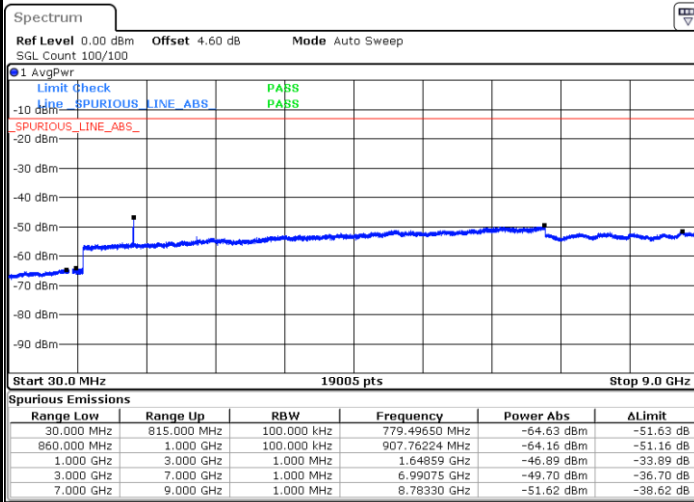


Date: 14 NOV 2020 21:39:49



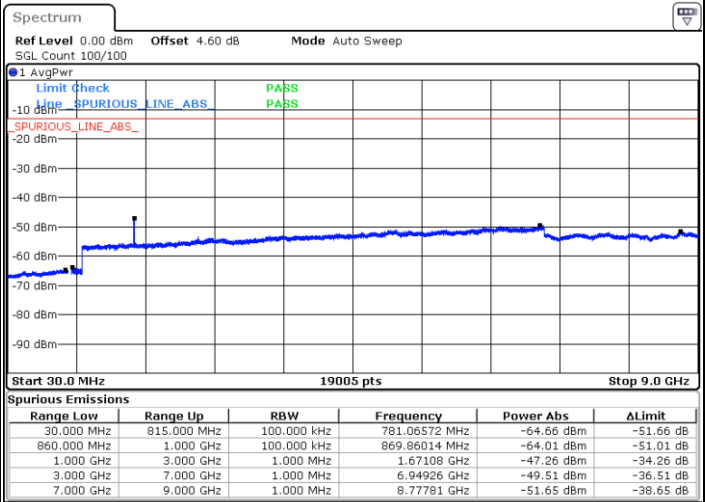
LTE Band 5 / 3MHz

Lowest Channel / 64QAM



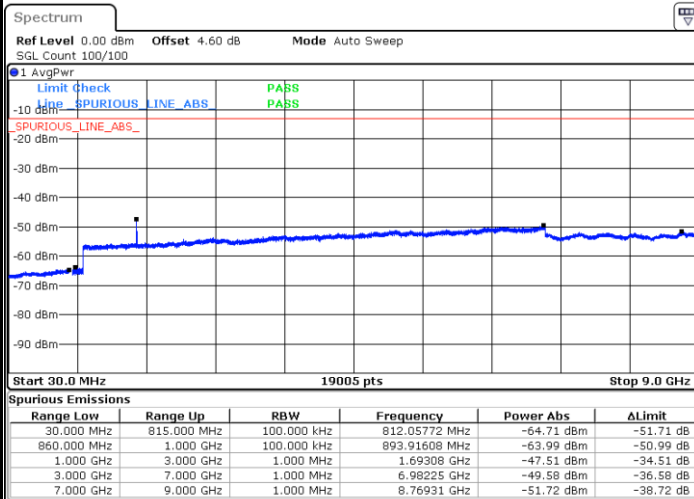
Date: 14 NOV 2020 21:44:19

Middle Channel / 64QAM



Date: 14 NOV 2020 21:45:13

Highest Channel / 64QAM

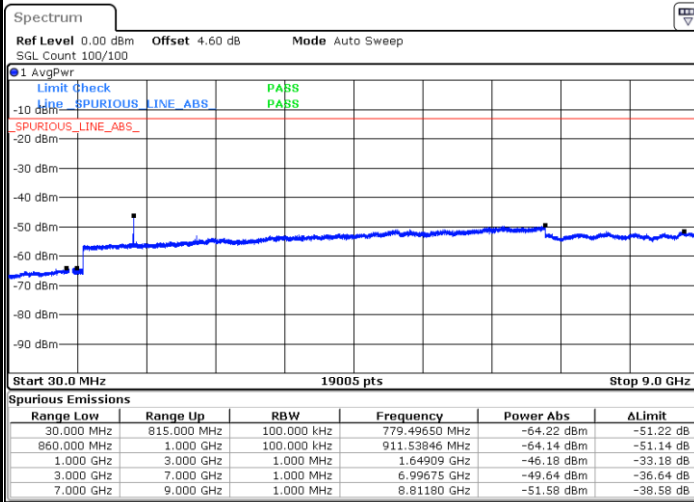


Date: 14 NOV 2020 21:50:03



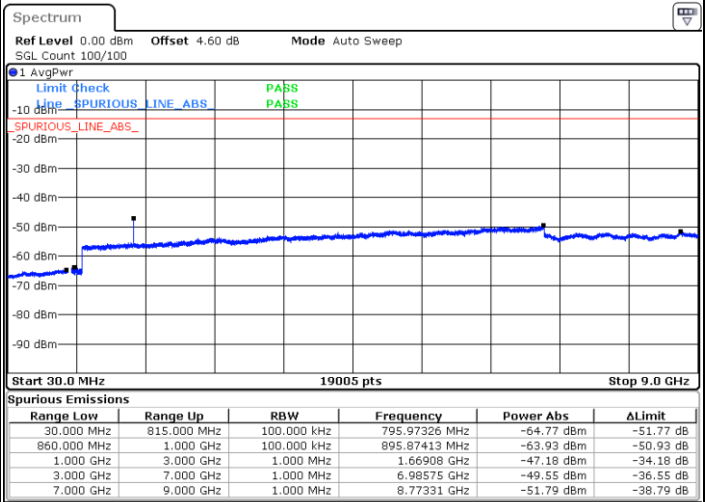
LTE Band 5 / 5MHz

Lowest Channel / 64QAM



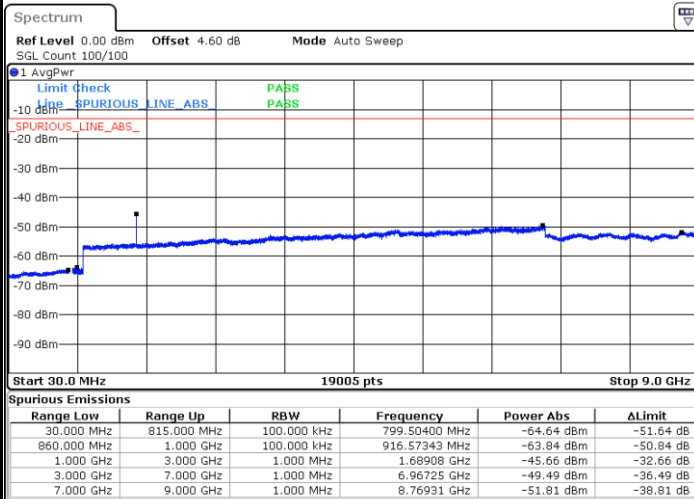
Date: 14 NOV 2020 21:54:33

Middle Channel / 64QAM



Date: 14 NOV 2020 21:55:27

Highest Channel / 64QAM

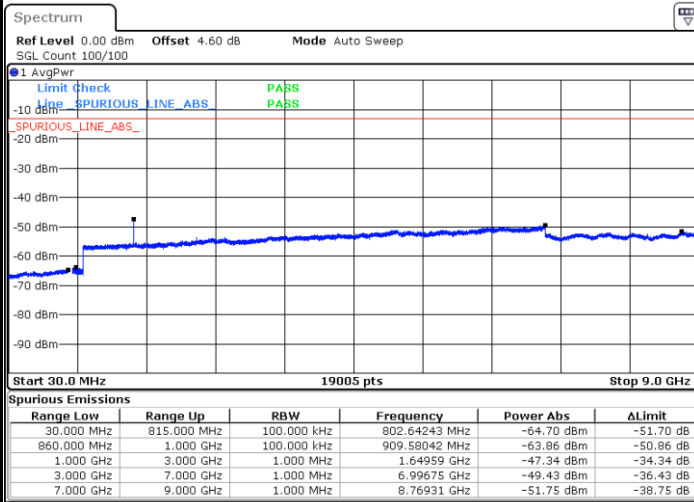


Date: 14 NOV 2020 22:00:17



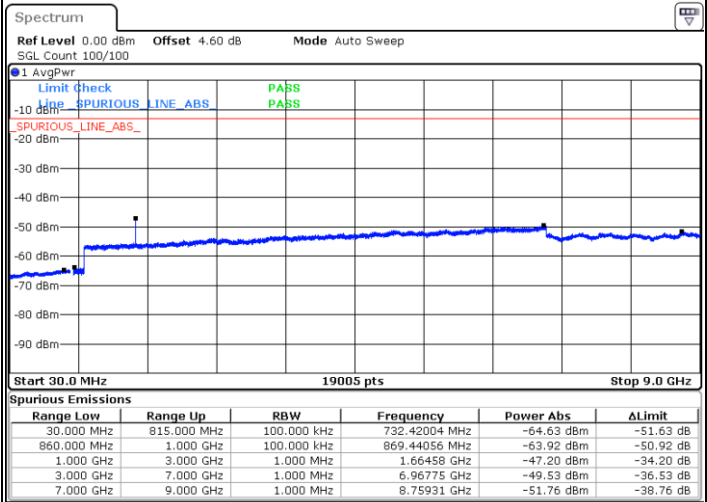
LTE Band 5 / 10MHz

Lowest Channel / 64QAM



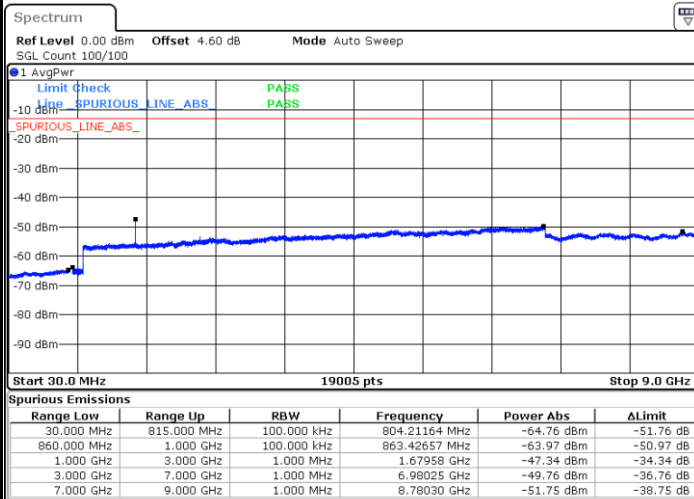
Date: 14 NOV 2020 22:04:47

Middle Channel / 64QAM



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

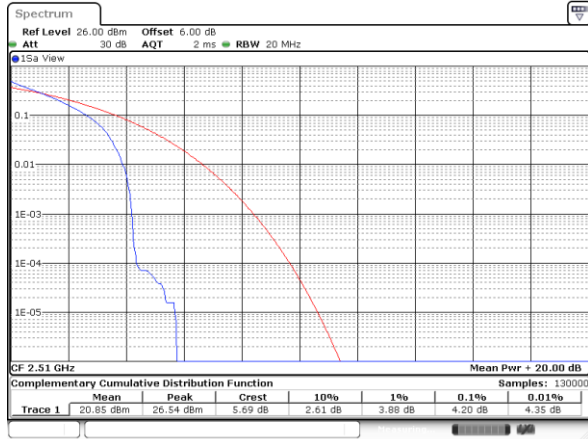
Peak-to-Average Ratio

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			

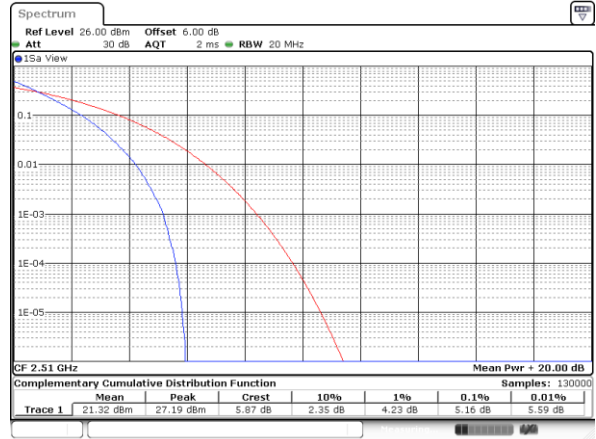


LTE Band 7 / 20MHz / QPSK

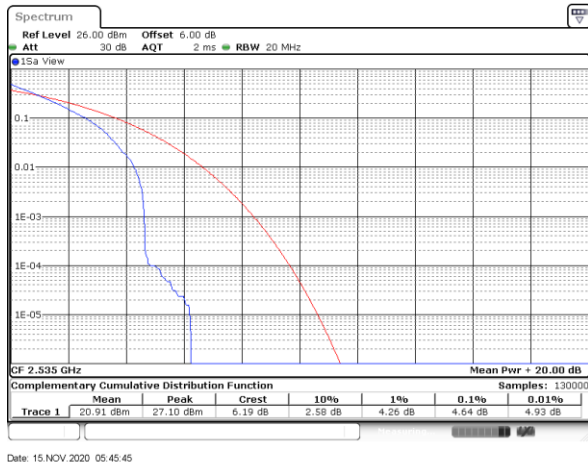
Lowest Channel / 1RB



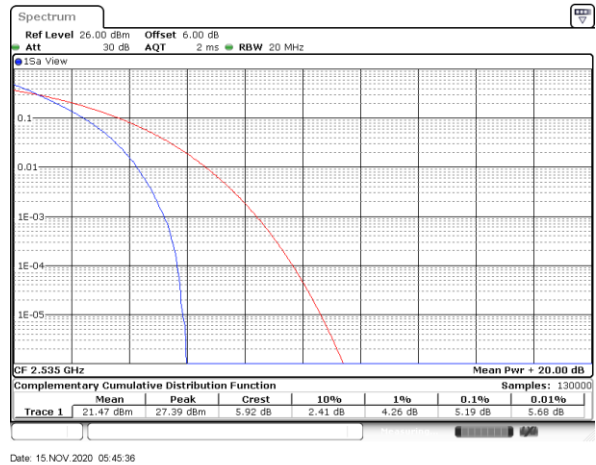
Lowest Channel / Full RB



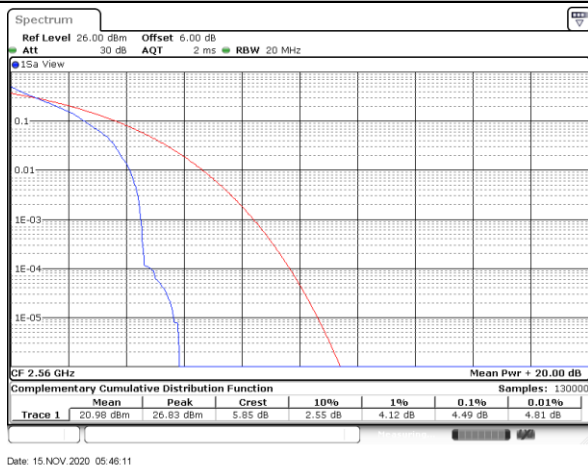
Middle Channel / 1RB



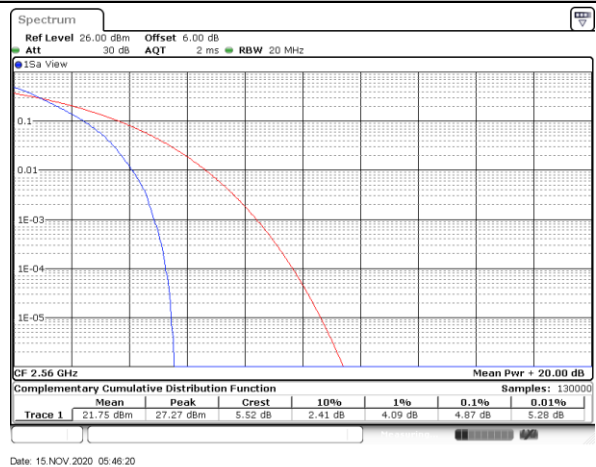
Middle Channel / Full RB

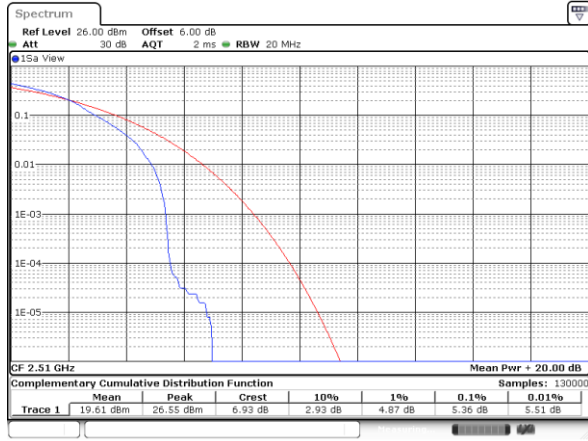


Highest Channel / 1RB

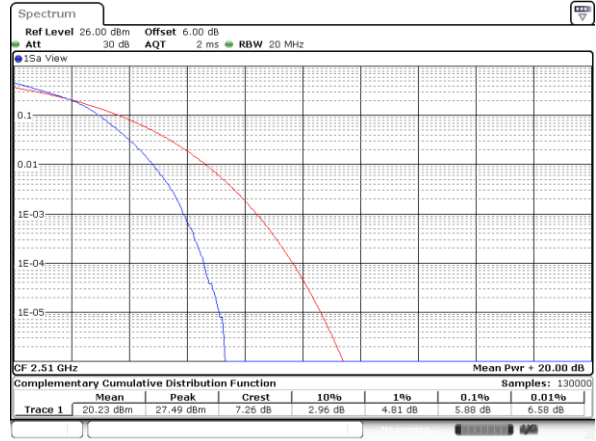


Highest Channel / Full RB

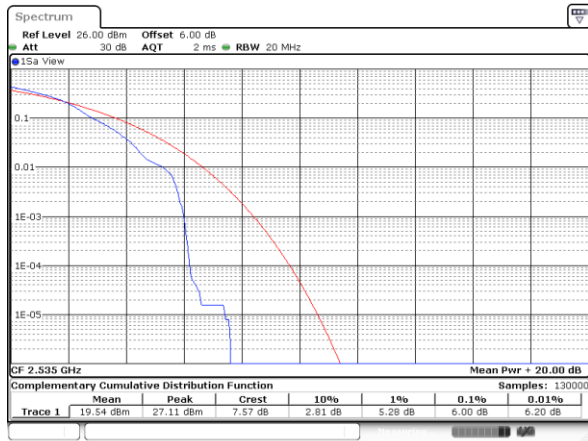


LTE Band 7 / 20MHz / 16QAM
Lowest Channel / 1RB


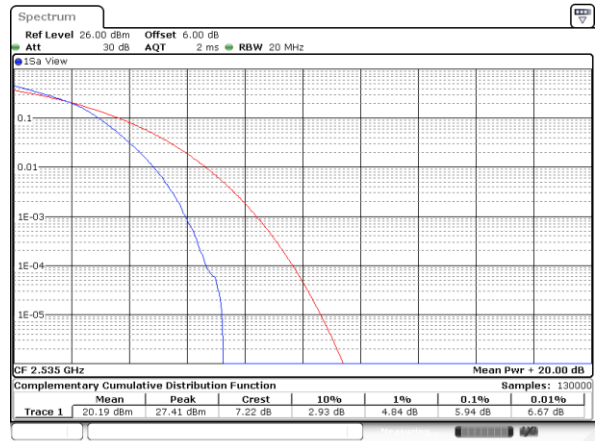
Date: 15 NOV 2020 05:44:53

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