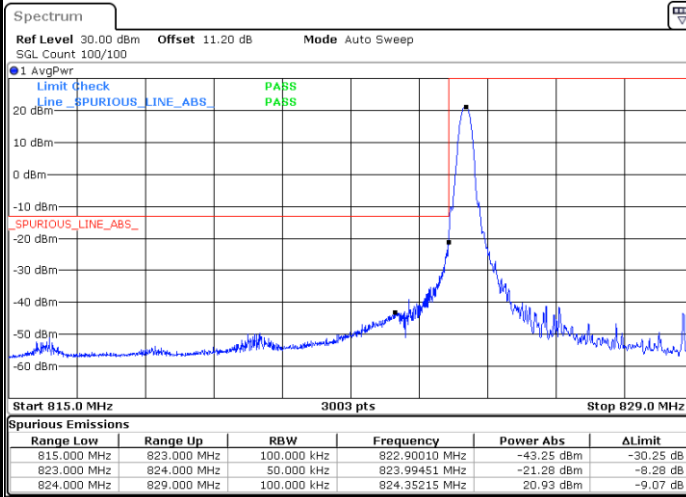


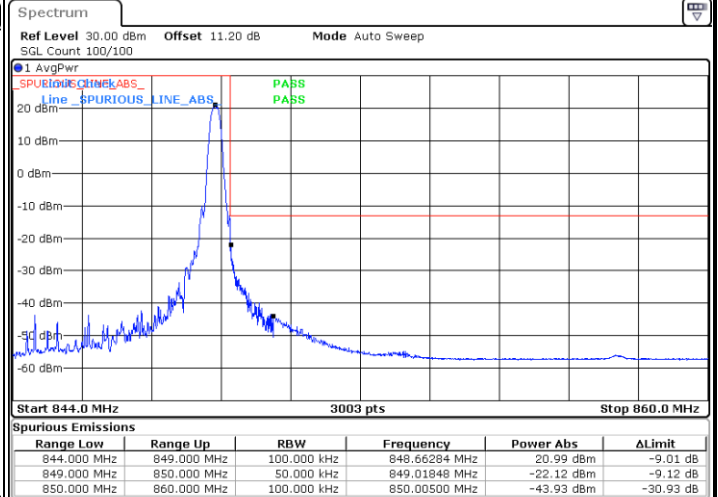


LTE Band 26 / 5MHz / 16QAM

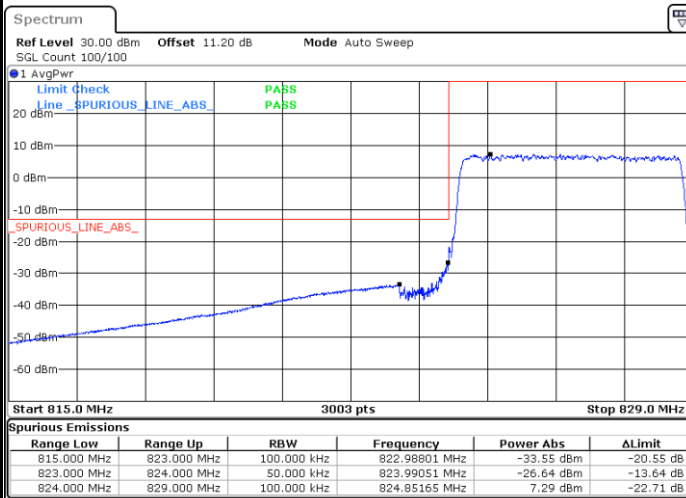
Lowest Band Edge / 1RB



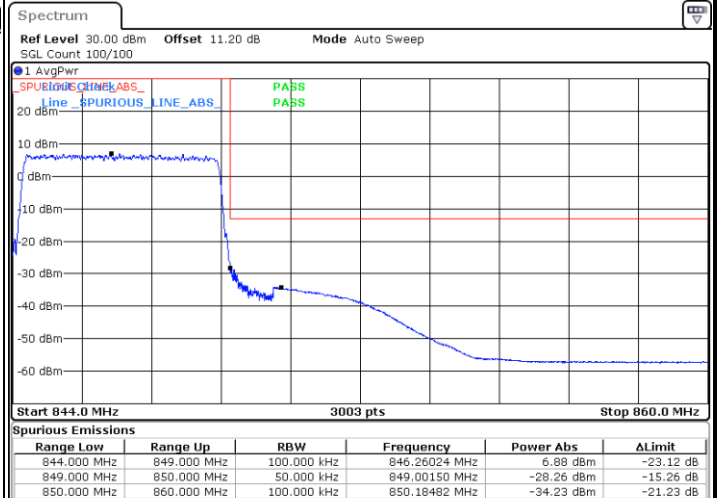
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



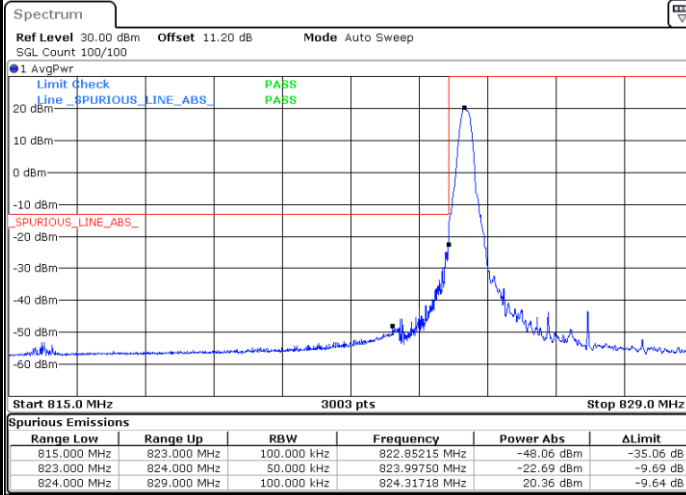
Highest Band Edge / Full RB



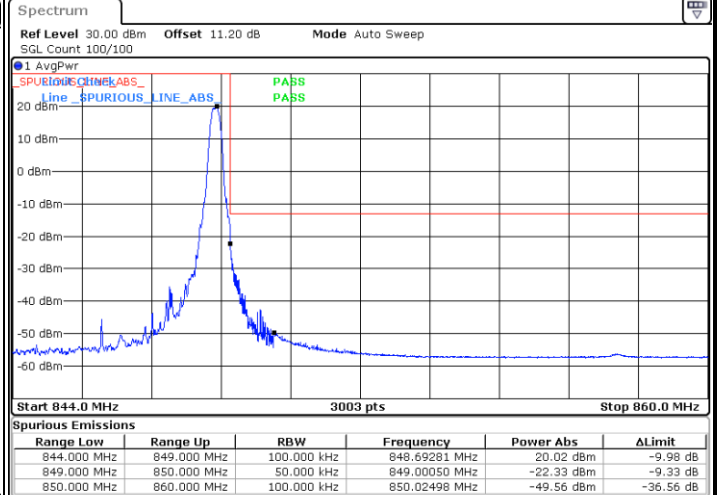


LTE Band 26 / 5MHz / 64QAM

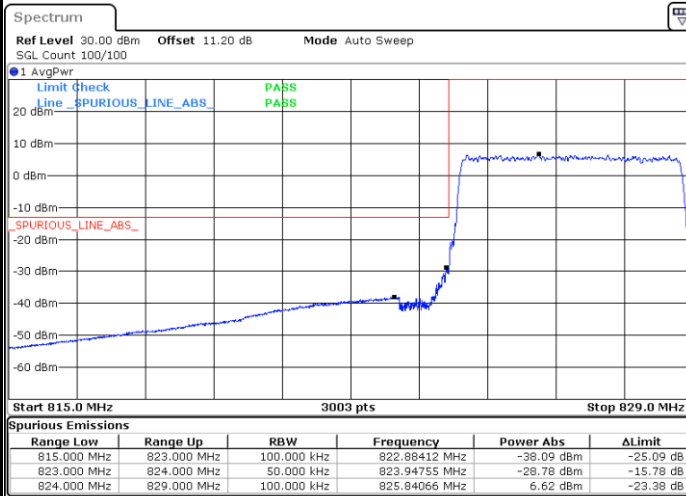
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



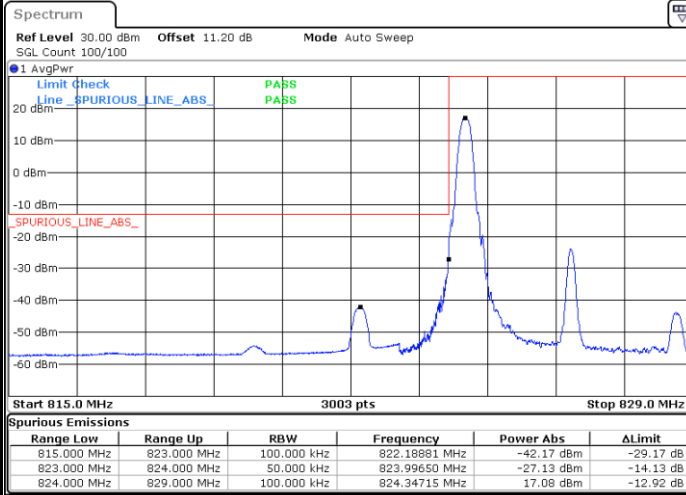
Highest Band Edge / Full RB



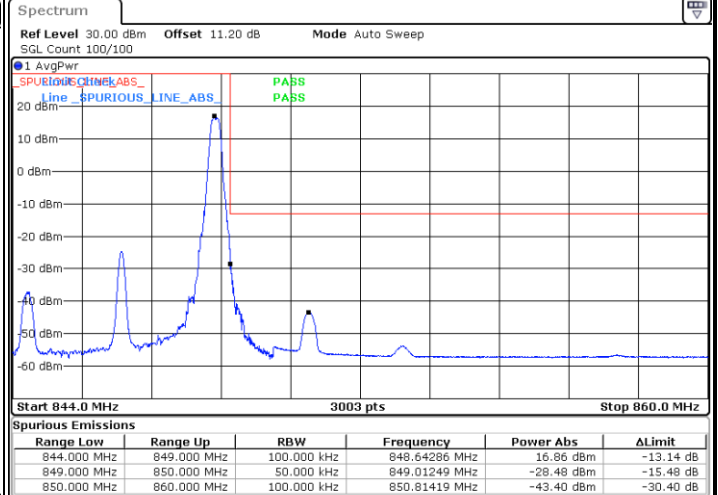


LTE Band 26 / 5MHz / 256QAM

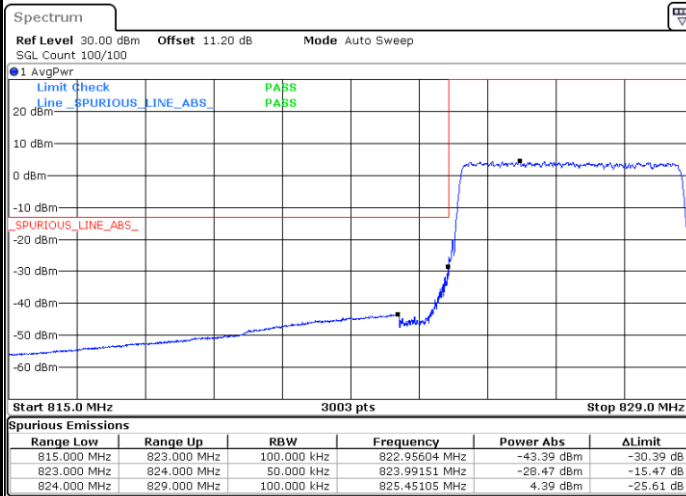
Lowest Band Edge / 1RB



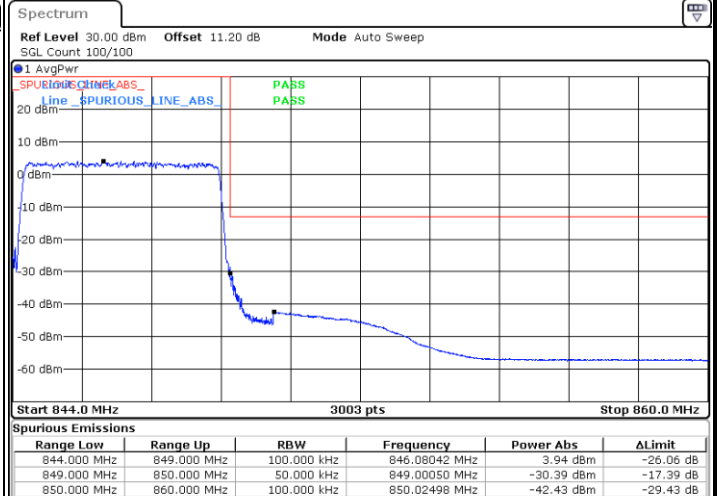
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



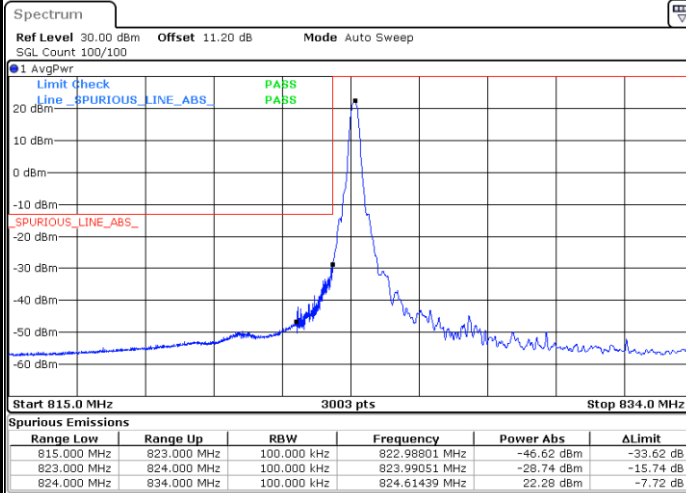
Highest Band Edge / Full RB



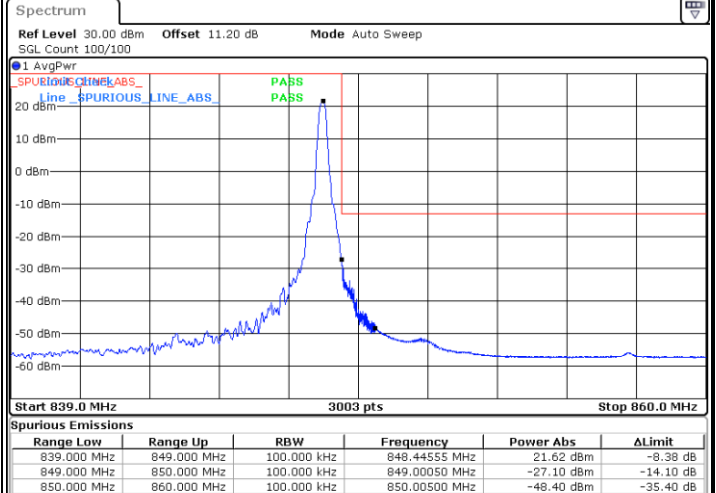


LTE Band 26 / 10MHz / QPSK

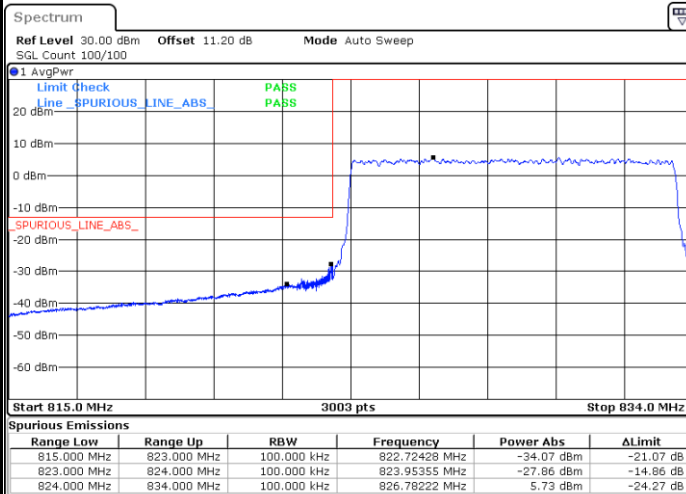
Lowest Band Edge / 1 RB



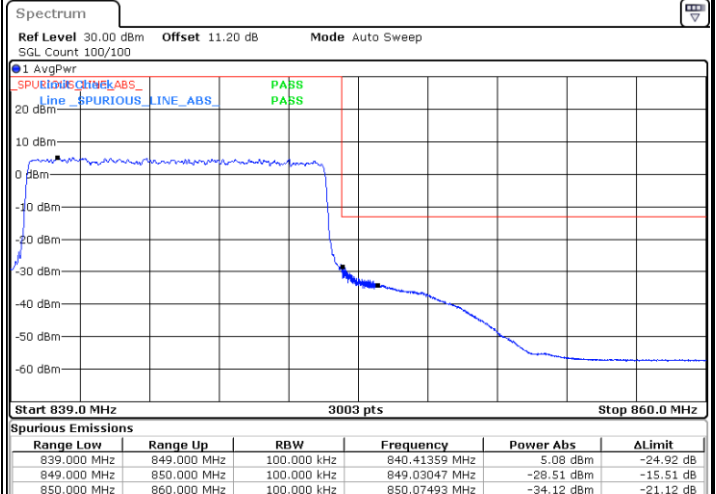
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



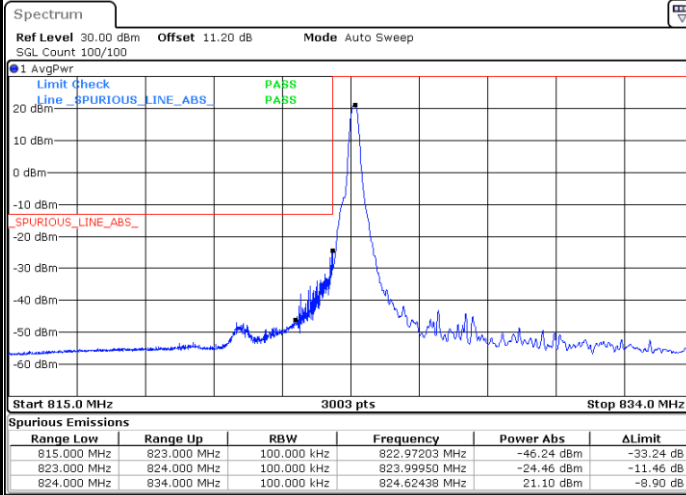
Highest Band Edge / Full RB



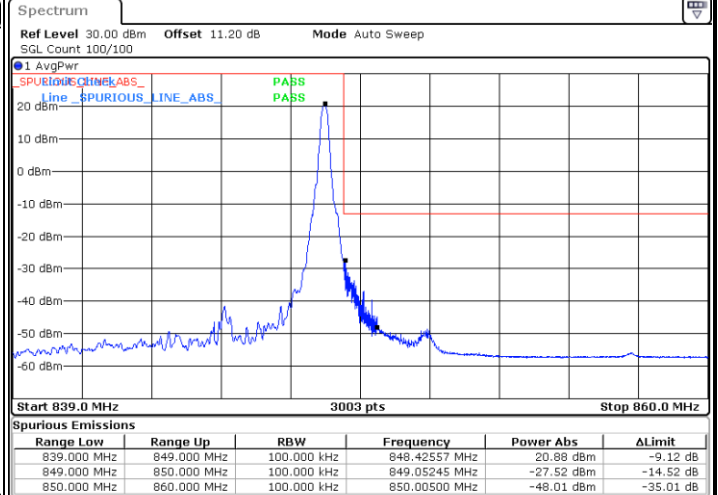


LTE Band 26 / 10MHz / 16QAM

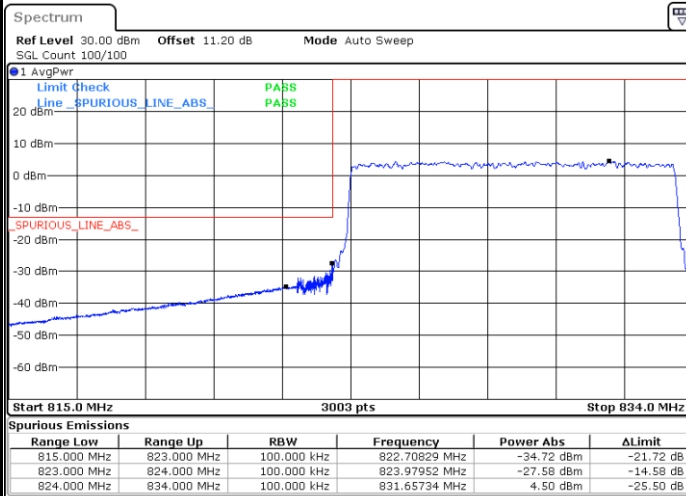
Lowest Band Edge / 1 RB



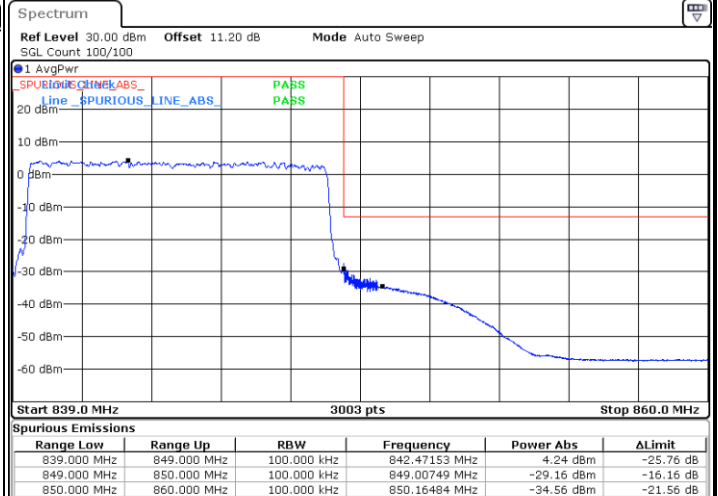
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



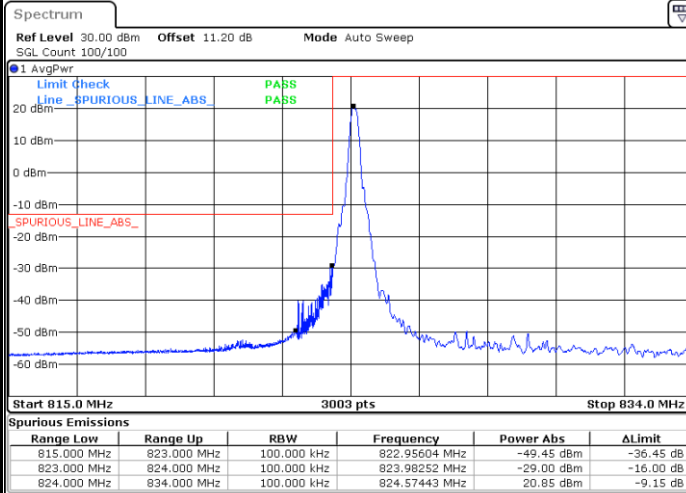
Highest Band Edge / Full RB



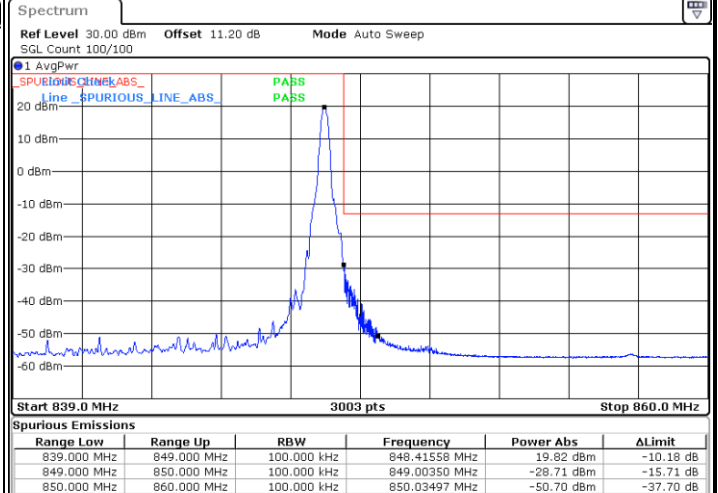


LTE Band 26 / 10MHz / 64QAM

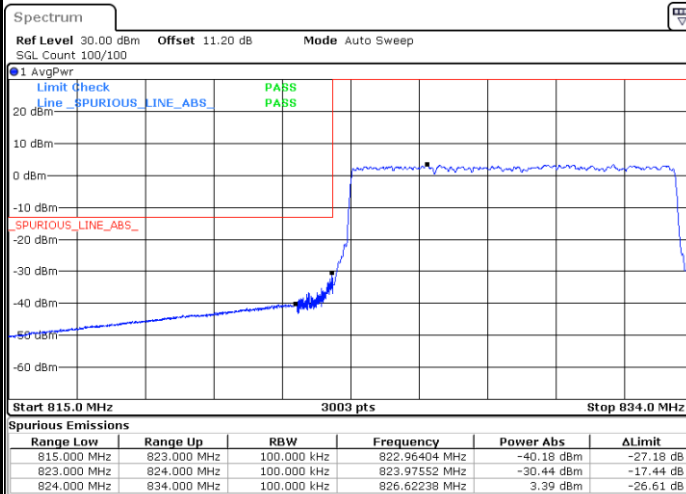
Lowest Band Edge / 1 RB



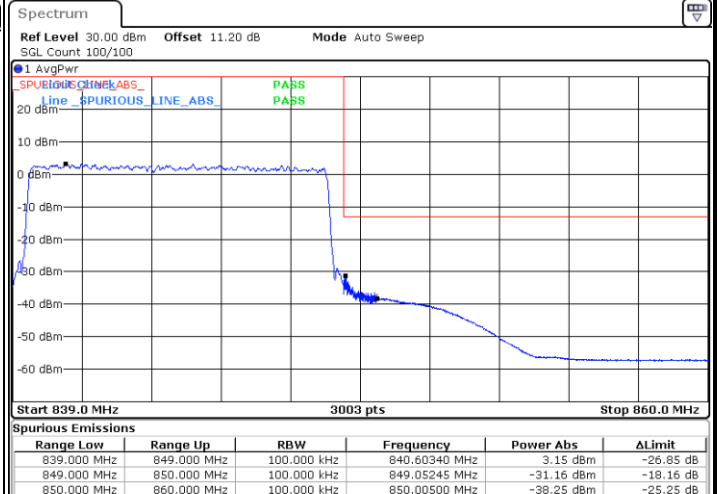
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



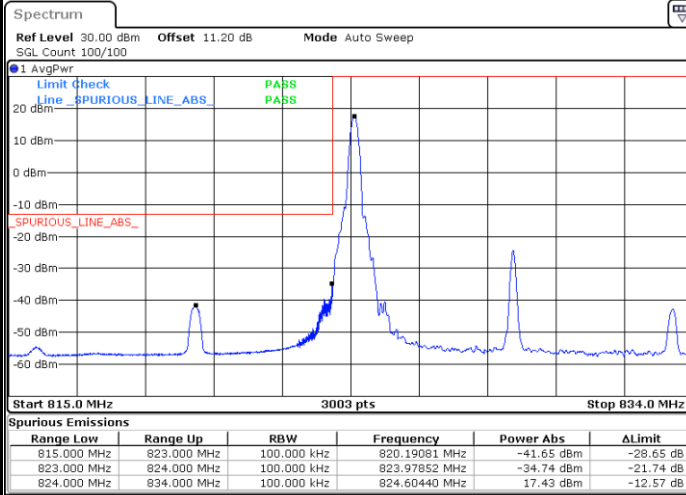
Highest Band Edge / Full RB



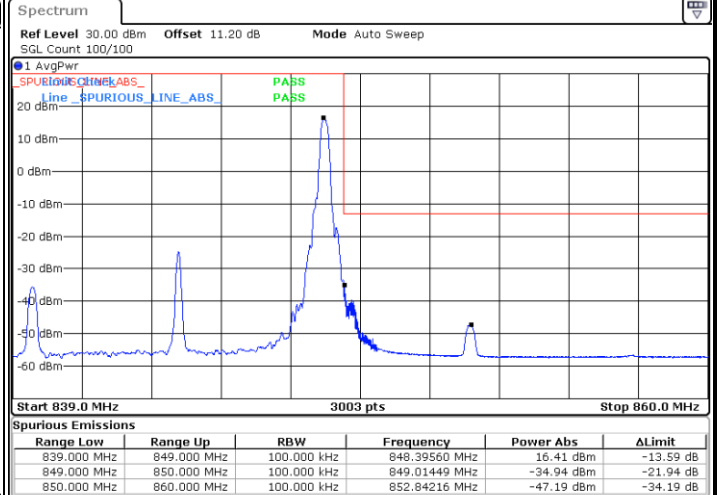


LTE Band 26 / 10MHz / 256QAM

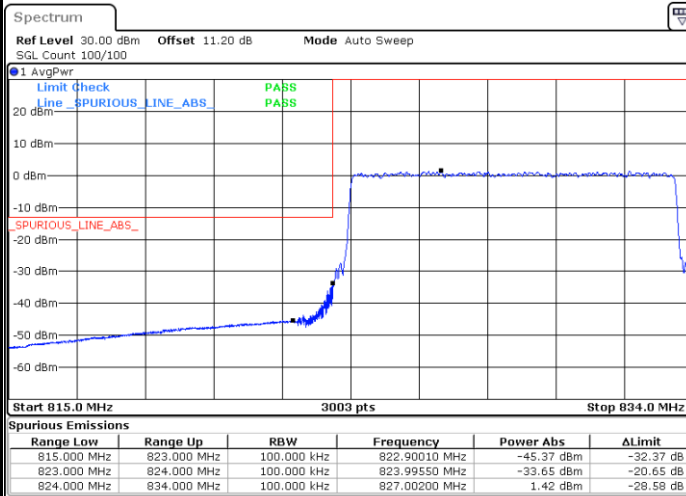
Lowest Band Edge / 1 RB



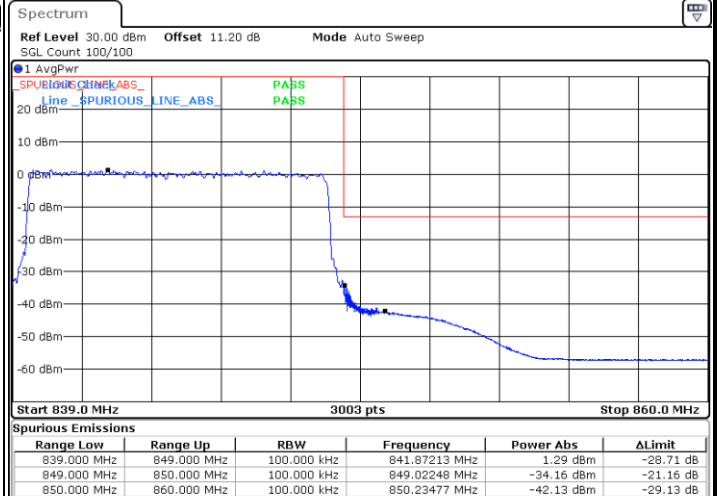
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



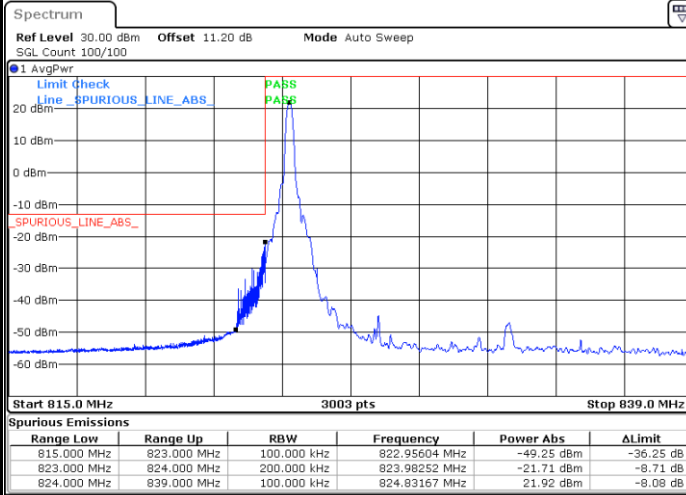
Highest Band Edge / Full RB



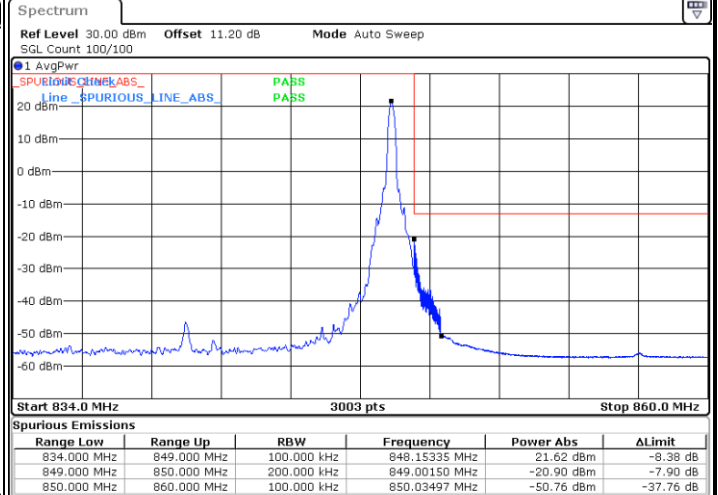


LTE Band 26 / 15MHz / QPSK

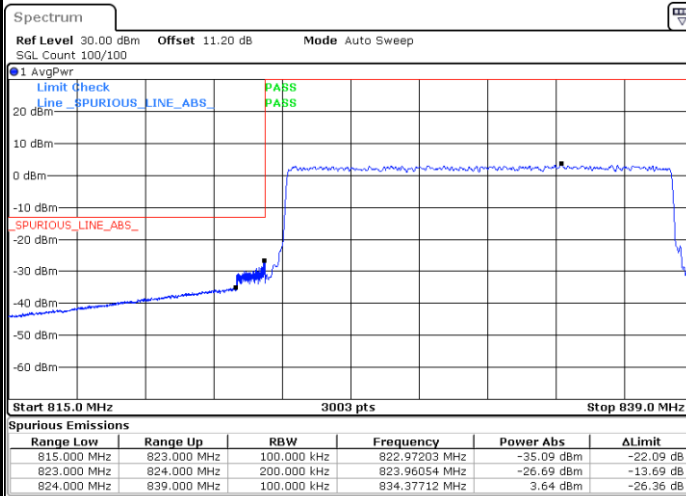
Lowest Band Edge / 1 RB



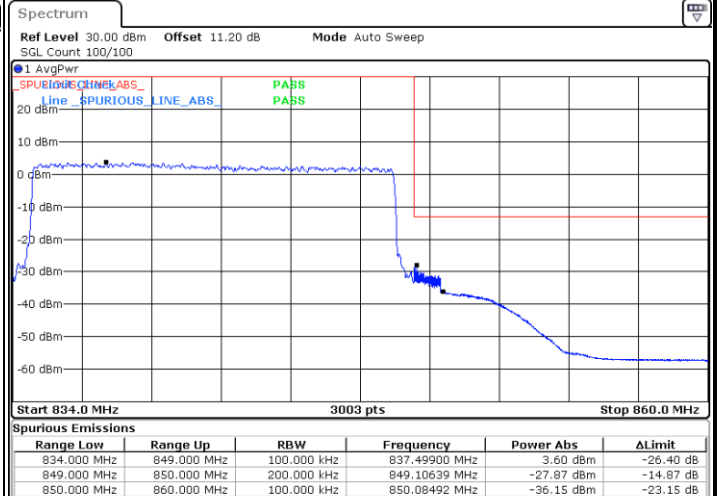
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



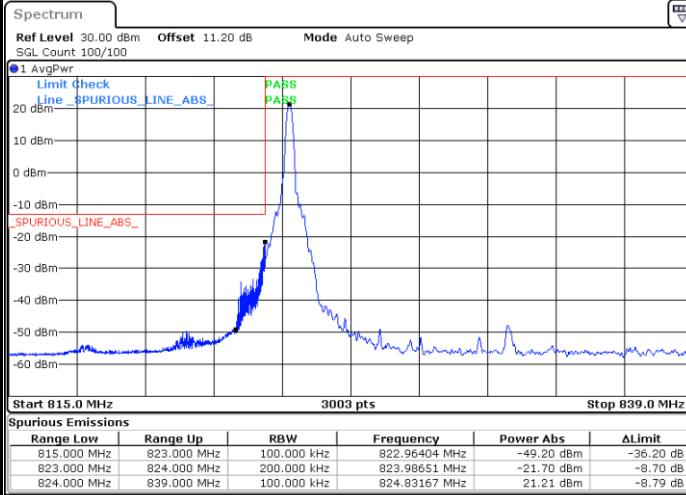
Highest Band Edge / Full RB



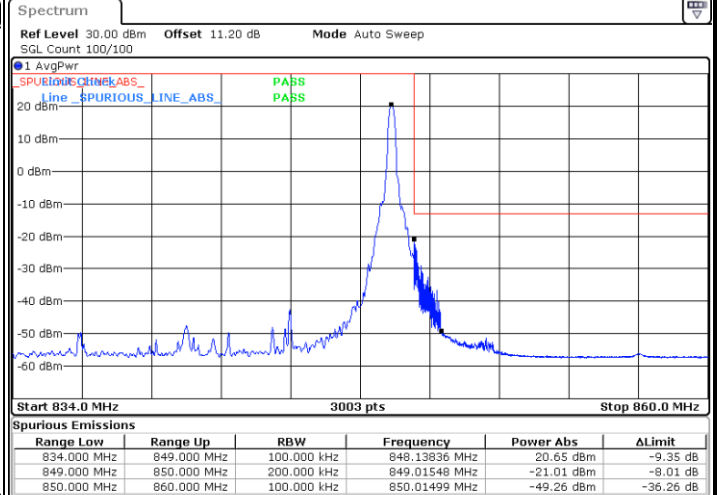


LTE Band 26 / 15MHz / 16QAM

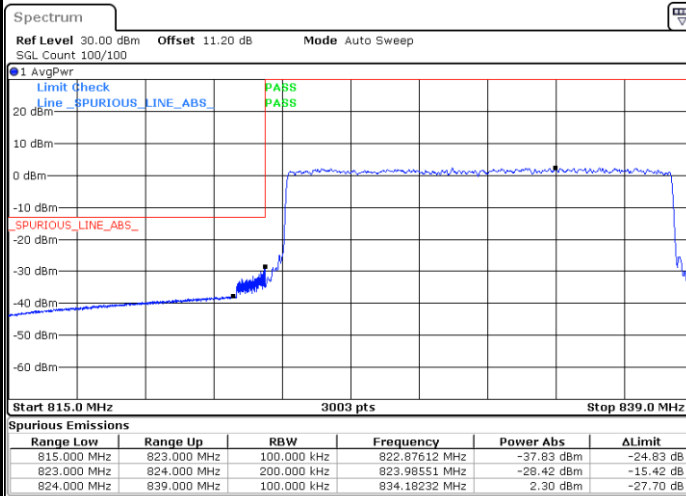
Lowest Band Edge / 1 RB



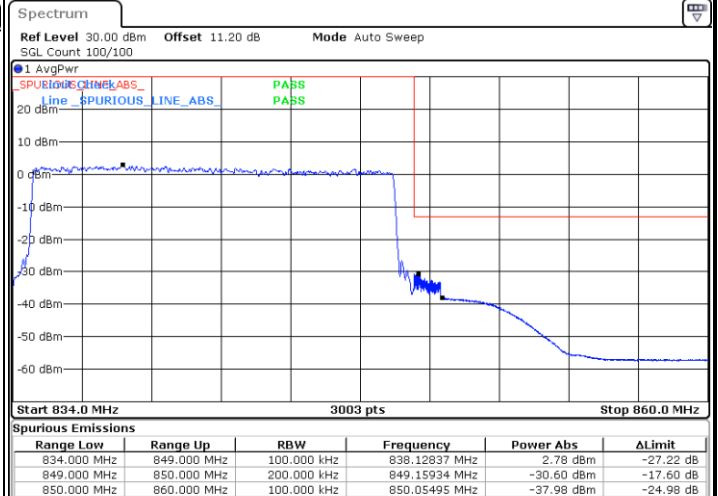
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



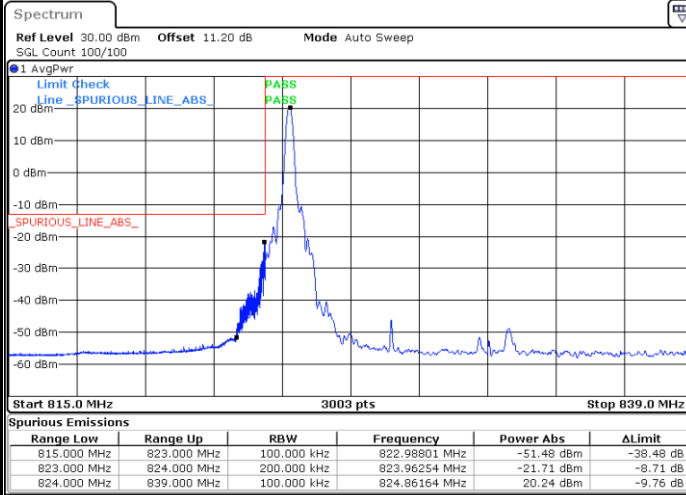
Highest Band Edge / Full RB



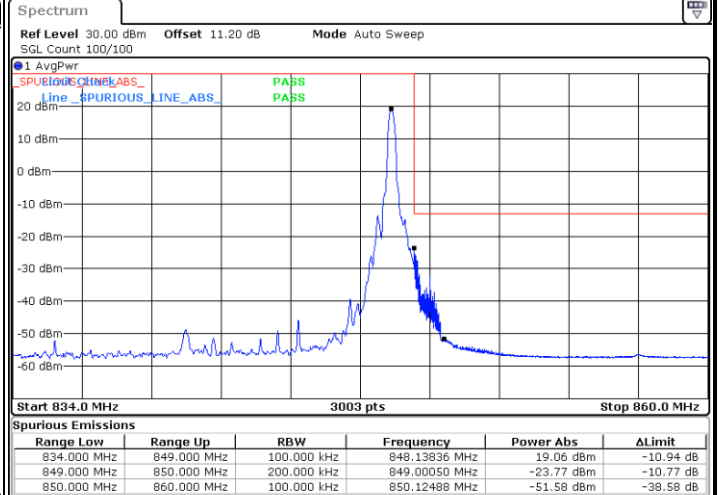


LTE Band 26 / 15MHz / 64QAM

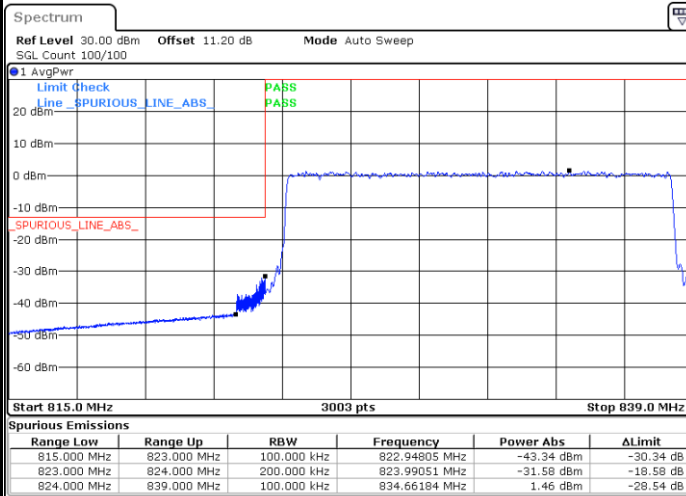
Lowest Band Edge / 1 RB



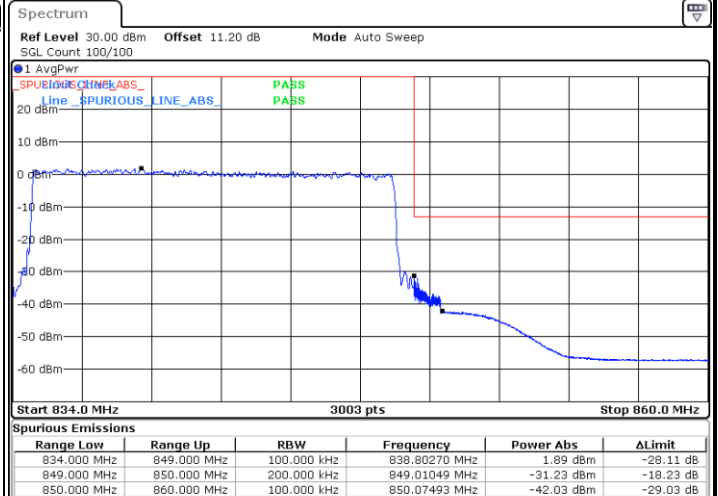
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



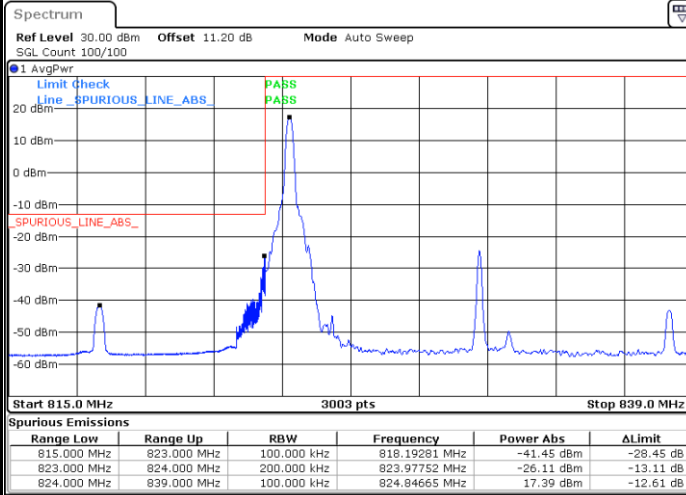
Highest Band Edge / Full RB



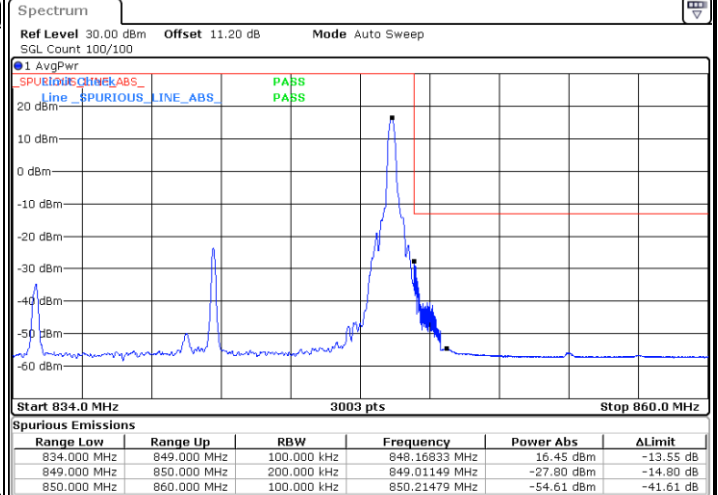


LTE Band 26 / 15MHz / 256QAM

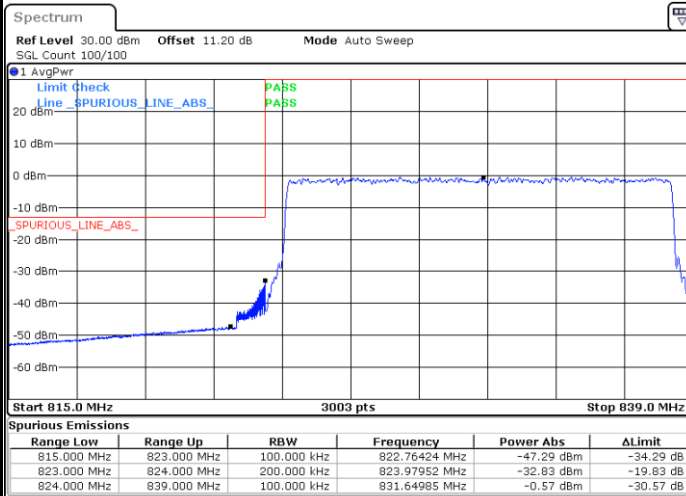
Lowest Band Edge / 1 RB



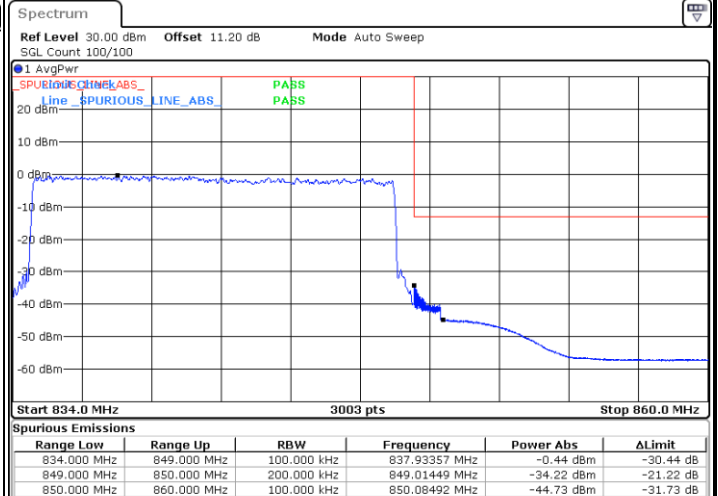
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

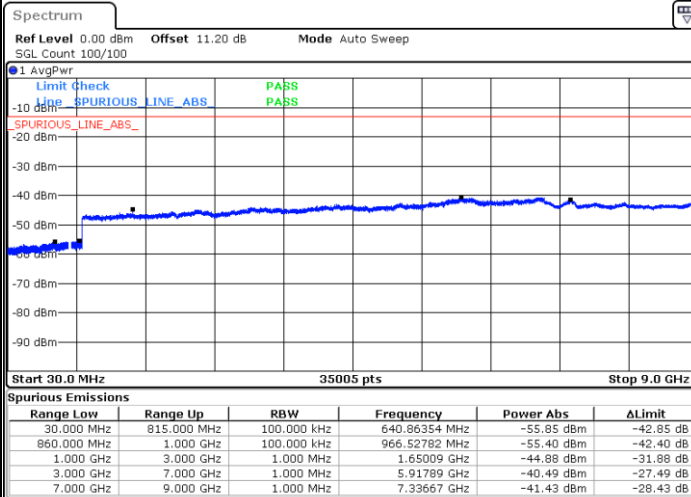




Conducted Spurious Emission

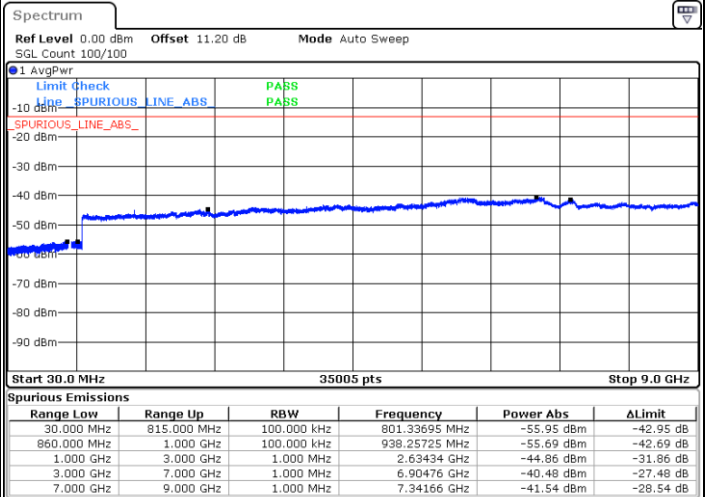
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



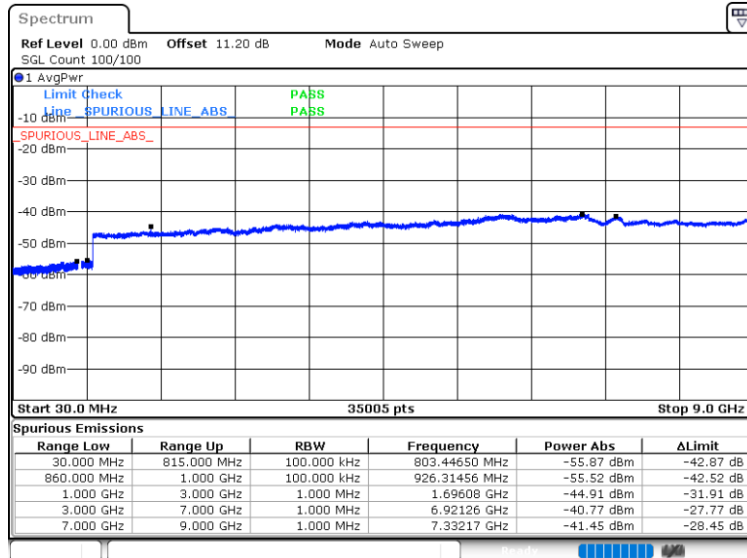
Date: 31.AUG.2022 23:57:41

Middle Channel / QPSK



Date: 1.SEP.2022 00:00:37

Highest Channel / QPSK

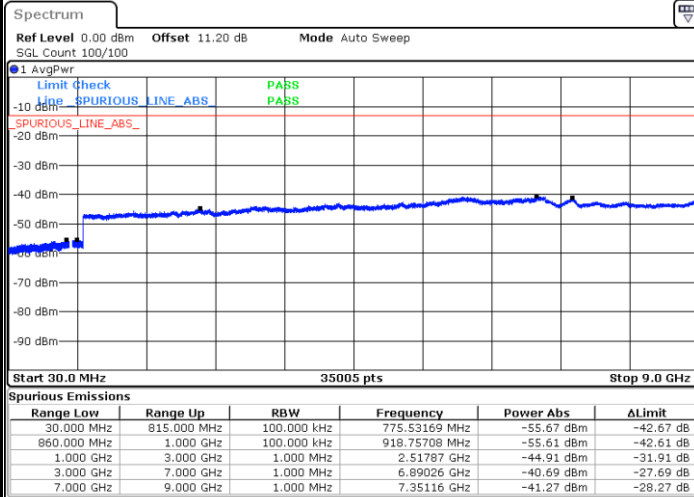


Date: 1.SEP.2022 00:05:16



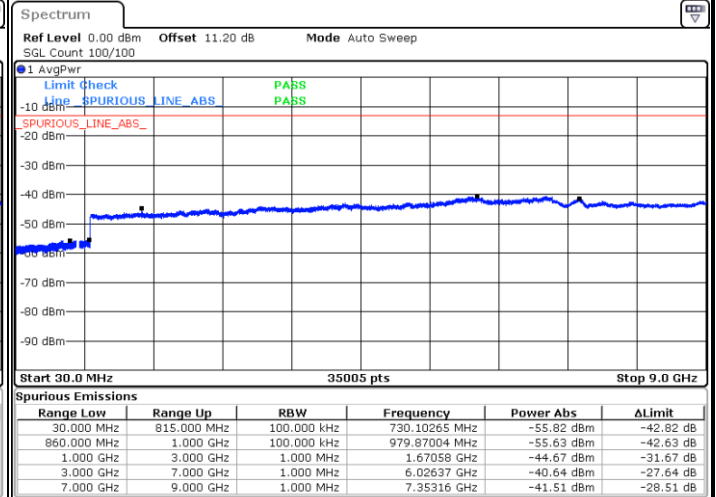
LTE Band 26 / 3MHz

Lowest Channel / QPSK



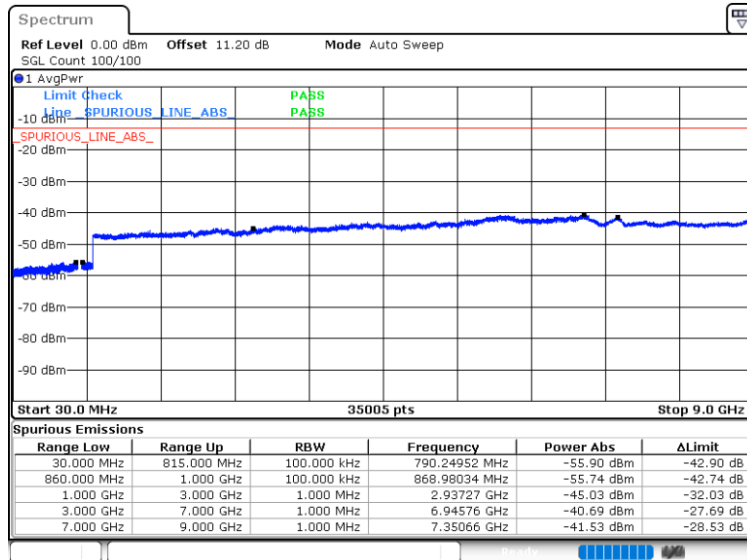
Date: 1.SEP.2022 00:17:44

Middle Channel / QPSK



Date: 1.SEP.2022 00:20:40

Highest Channel / QPSK

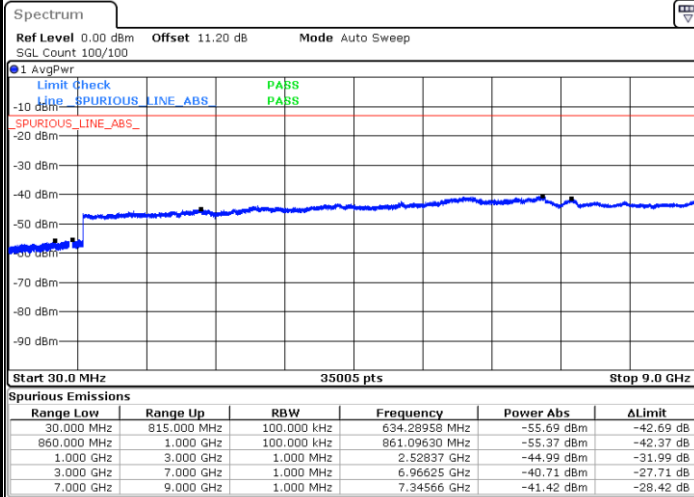


Date: 1.SEP.2022 00:25:20



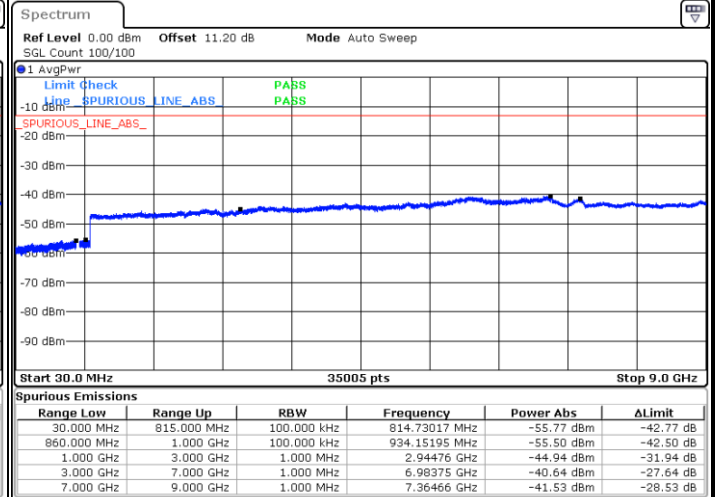
LTE Band 26 / 5MHz

Lowest Channel / QPSK



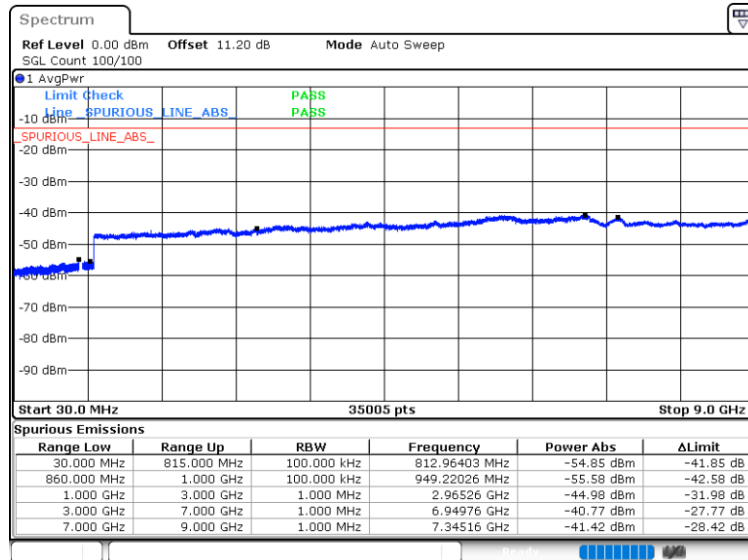
Date: 1.SEP.2022 00:29:38

Middle Channel / QPSK



Date: 1.SEP.2022 00:32:34

Highest Channel / QPSK

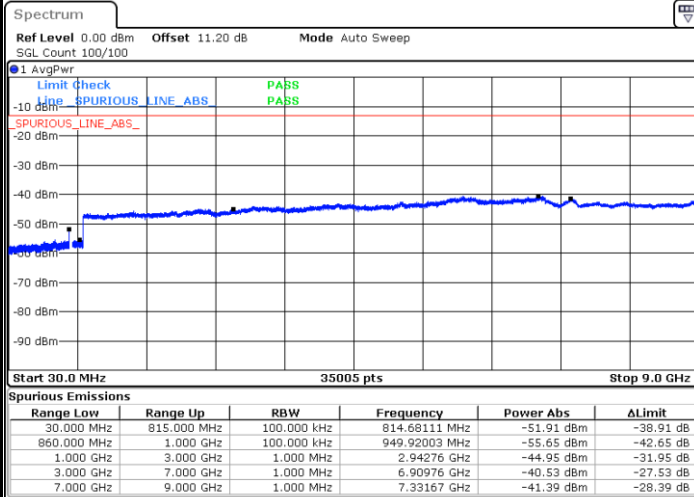


Date: 1.SEP.2022 00:37:14



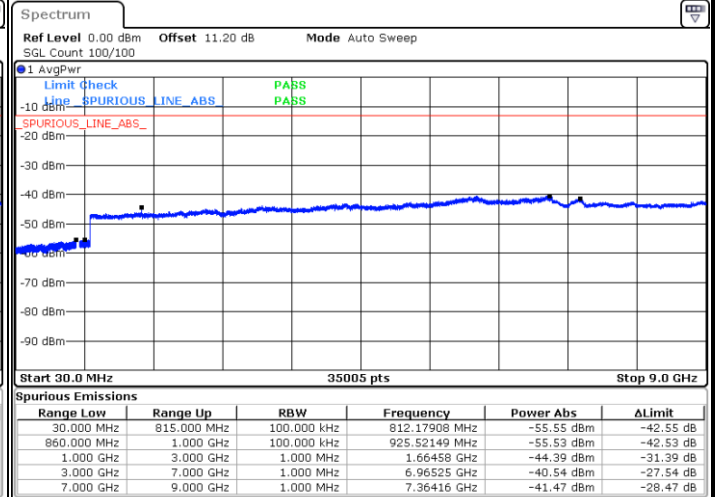
LTE Band 26 / 10MHz

Lowest Channel / QPSK



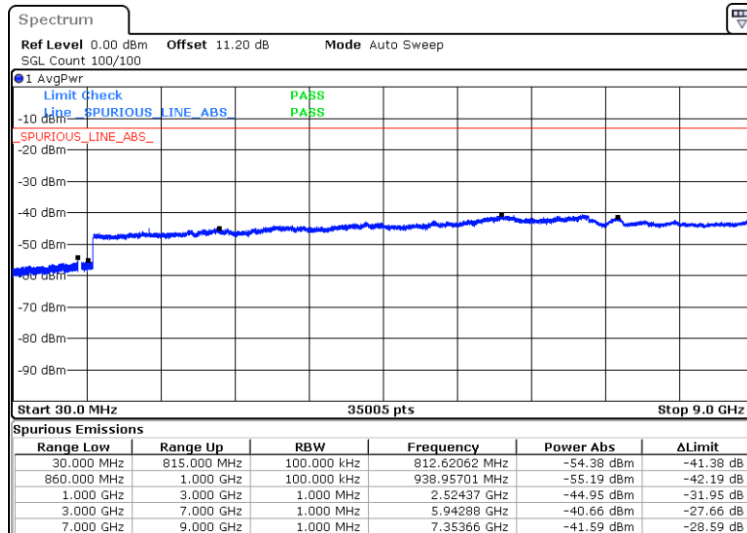
Date: 1.SEP.2022 00:45:36

Middle Channel / QPSK



Date: 1.SEP.2022 00:48:33

Highest Channel / QPSK

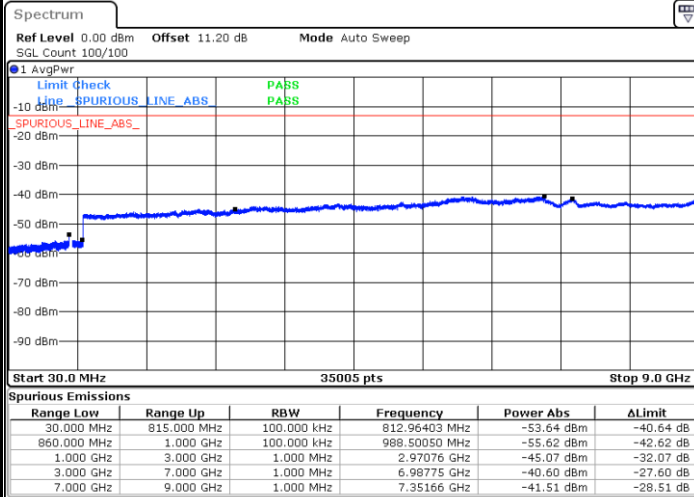


Date: 1.SEP.2022 00:53:12



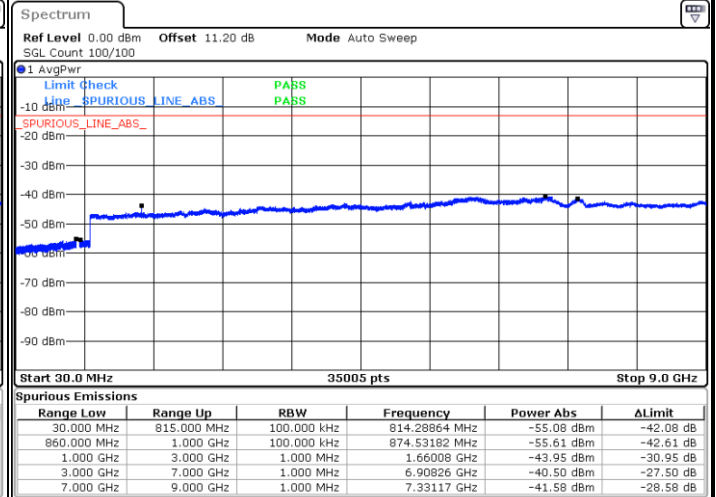
LTE Band 26 / 15MHz

Lowest Channel / QPSK



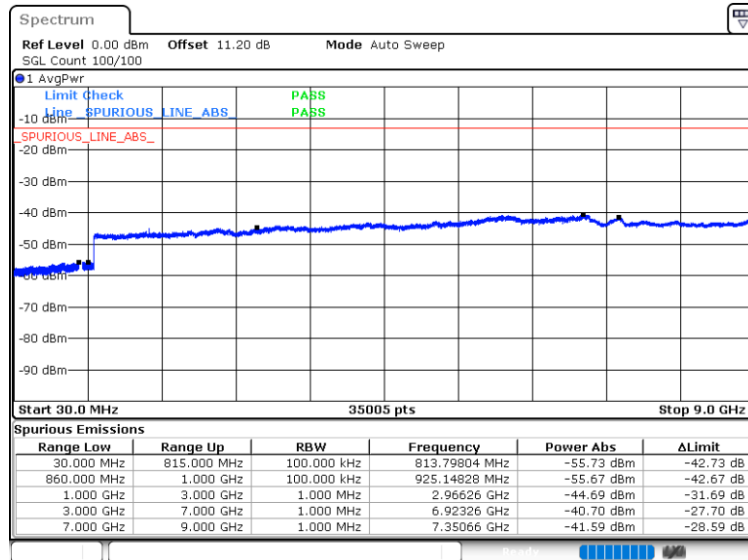
Date: 1.SEP.2022 01:05:36

Middle Channel / QPSK



Date: 1.SEP.2022 01:08:32

Highest Channel / QPSK



Date: 1.SEP.2022 01:13:12

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0196	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0115	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0032	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage = 4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

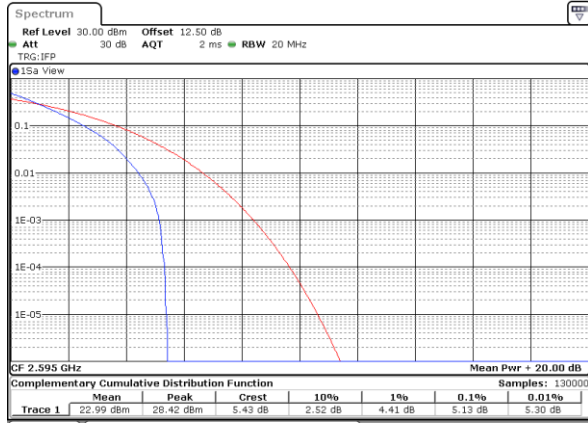
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.13	6.14	6.38	6.70	PASS



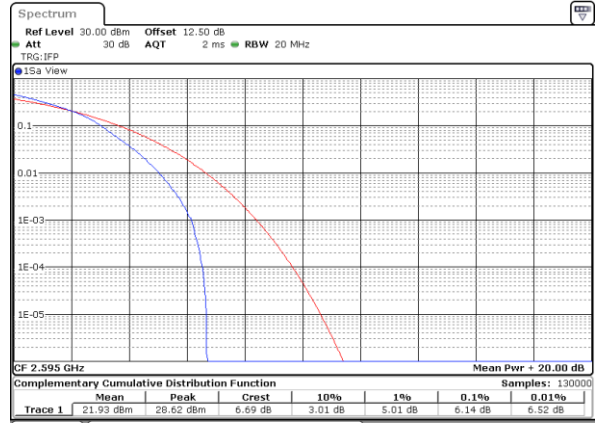
LTE Band 38 / 20MHz / QPSK

Middle Channel / Full RB



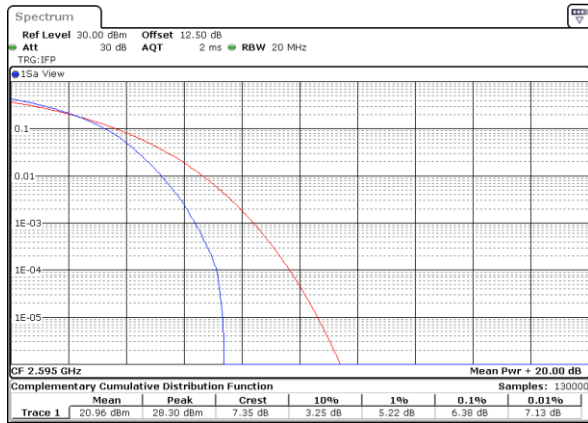
LTE Band 38 / 20MHz / 16QAM

Middle Channel / Full RB



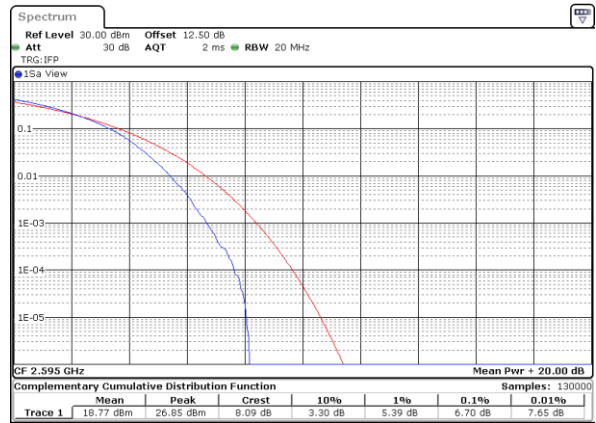
LTE Band 38 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 38 / 20MHz / 256QAM

Middle Channel / Full RB



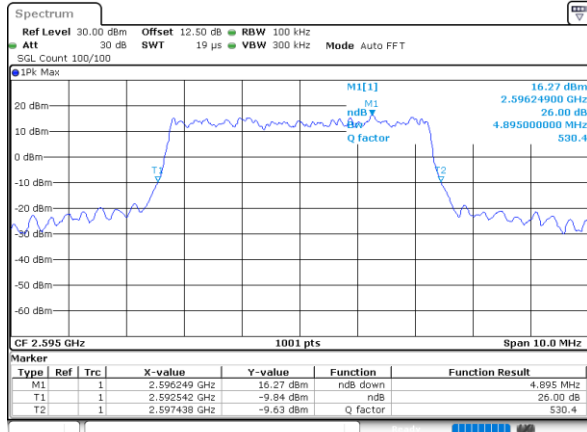
**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.90	4.75	9.65	9.75	14.21	14.24	19.02	19.10
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.88	4.72	9.63	9.91	14.15	14.33	19.10	18.78



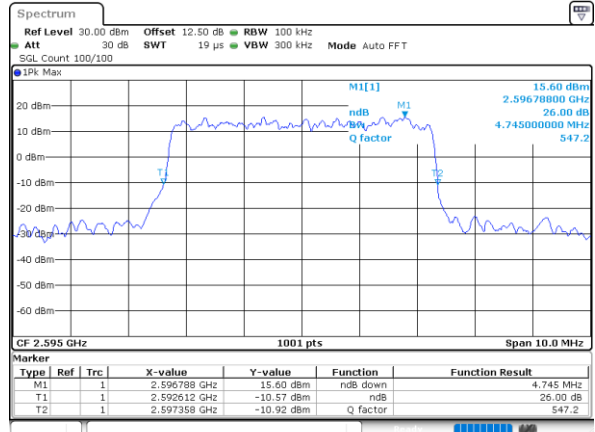
LTE Band 38

Middle Channel / 5MHz / QPSK



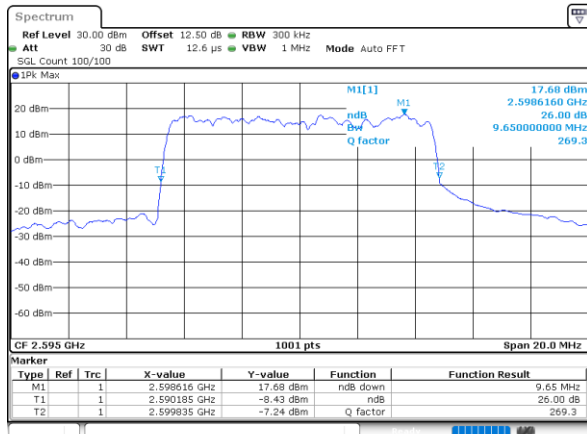
Date: 1.SEP.2022 14:06:48

Middle Channel / 5MHz / 16QAM



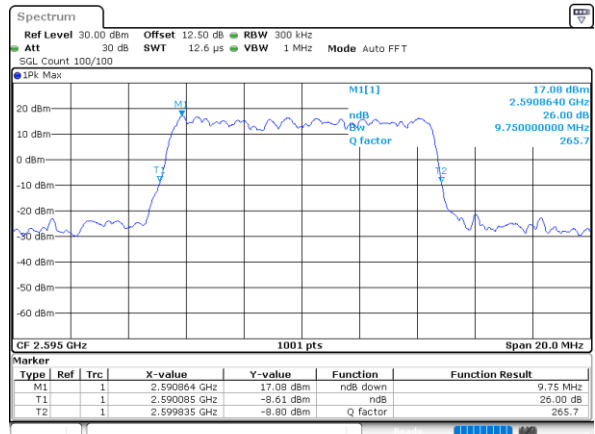
Date: 1.SEP.2022 14:07:17

Middle Channel / 10MHz / QPSK



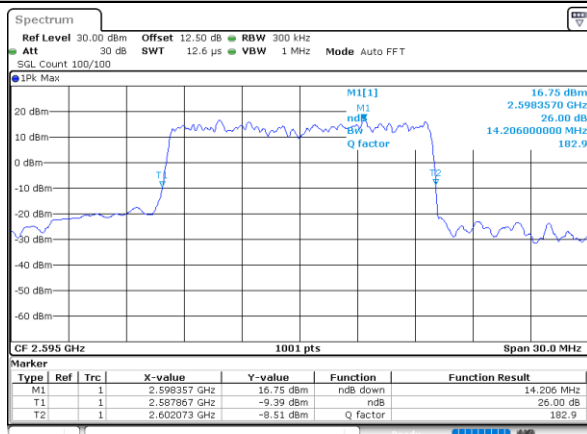
Date: 1.SEP.2022 14:08:50

Middle Channel / 10MHz / 16QAM



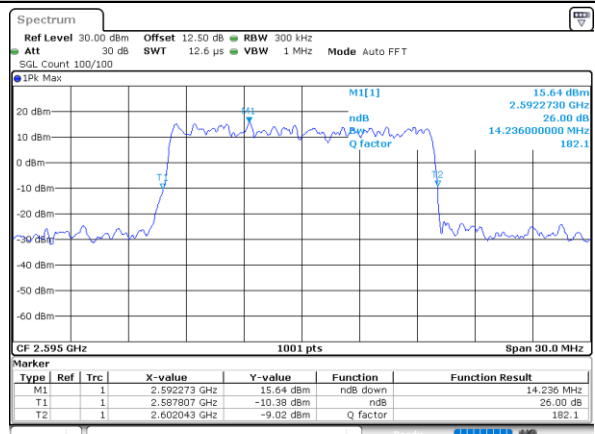
Date: 1.SEP.2022 14:09:19

Middle Channel / 15MHz / QPSK



Date: 1.SEP.2022 14:10:51

Middle Channel / 15MHz / 16QAM

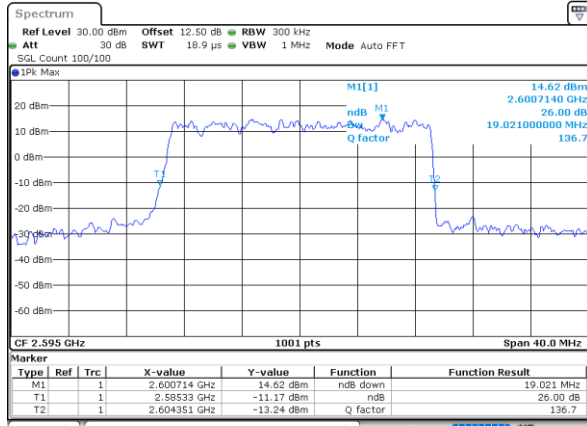


Date: 1.SEP.2022 14:11:20



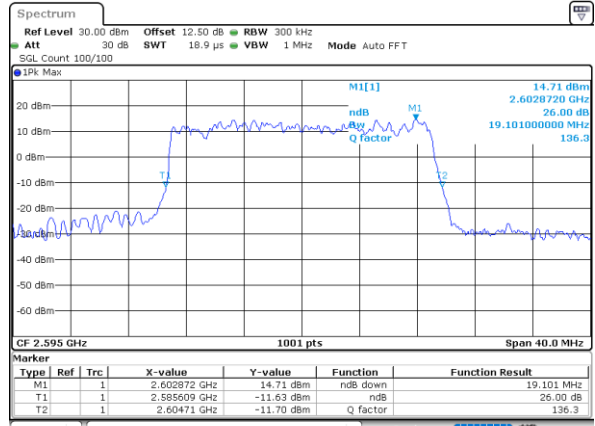
LTE Band 38

Middle Channel / 20MHz / QPSK



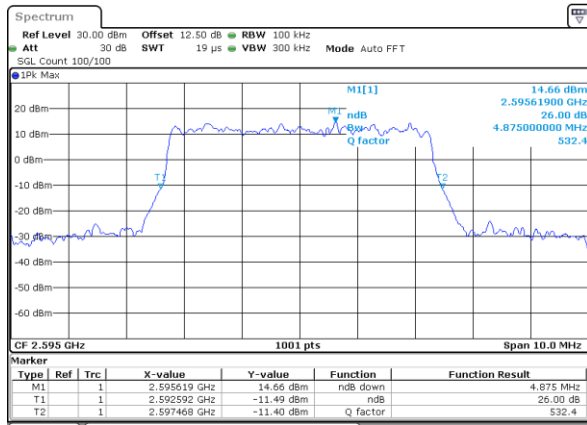
Date: 1.SEP.2022 14:12:53

Middle Channel / 20MHz / 16QAM



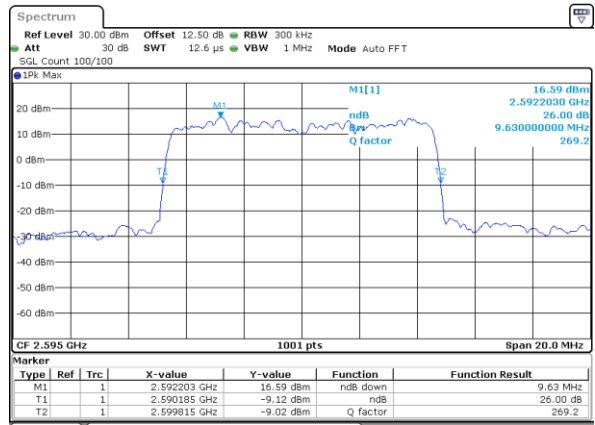
Date: 1.SEP.2022 14:13:21

Middle Channel / 5MHz / 64QAM



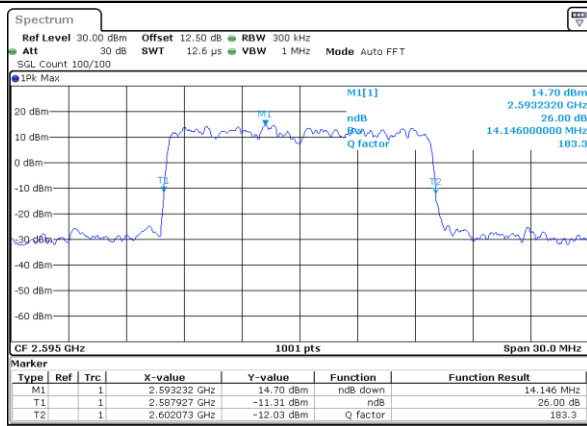
Date: 1.SEP.2022 14:14:10

Middle Channel / 10MHz / 64QAM



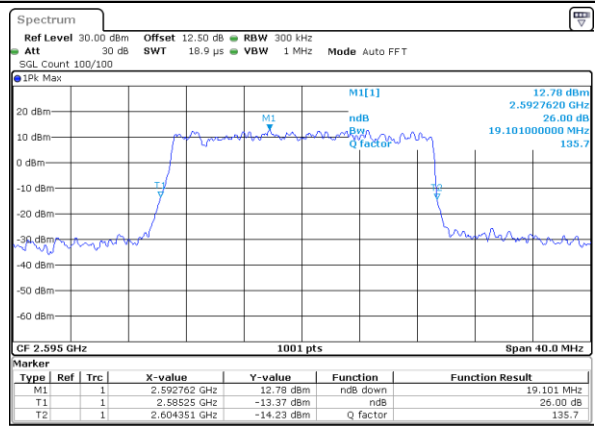
Date: 1.SEP.2022 14:14:59

Middle Channel / 15MHz / 64QAM



Date: 1.SEP.2022 14:15:47

Middle Channel / 20MHz / 64QAM

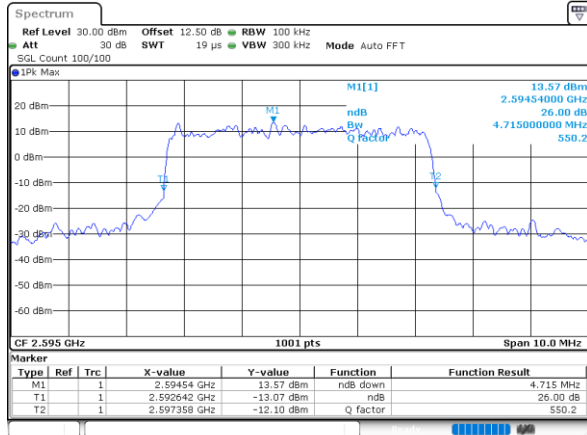


Date: 1.SEP.2022 14:16:36



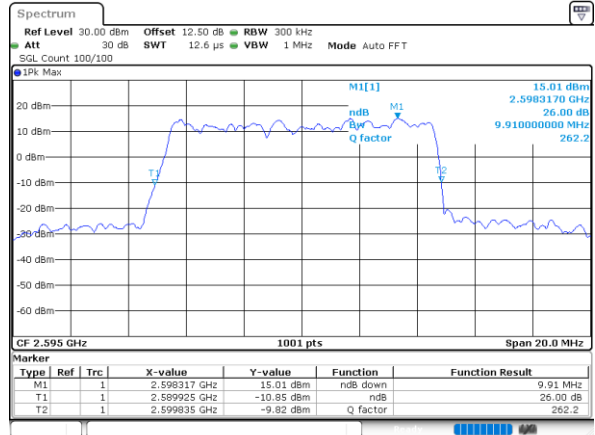
LTE Band 38

Middle Channel / 5MHz / 256QAM



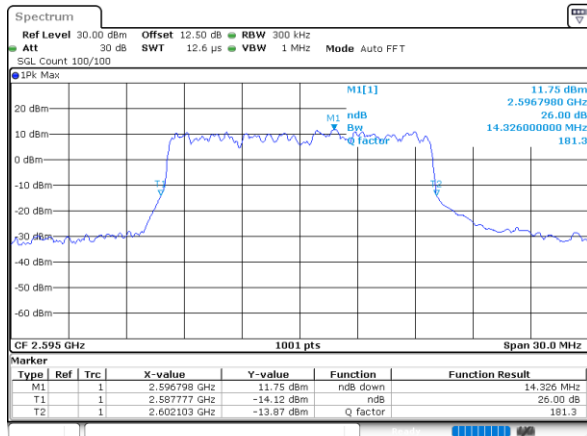
Date: 16,SEP,2022 11:26:09

Middle Channel / 10MHz / 256QAM



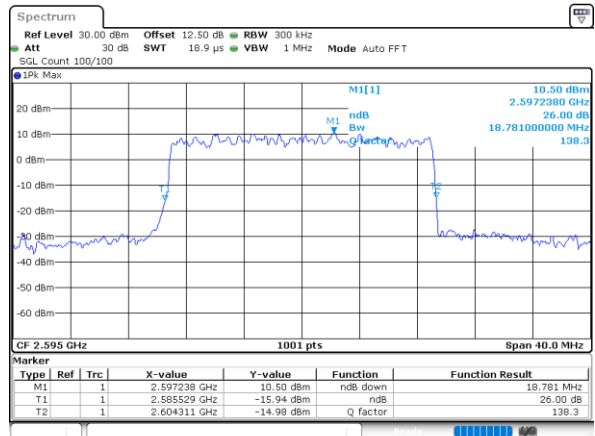
Date: 16,SEP,2022 11:27:28

Middle Channel / 15MHz / 256QAM



Date: 16,SEP,2022 14:01:44

Middle Channel / 20MHz / 256QAM



Date: 16,SEP,2022 14:09:15

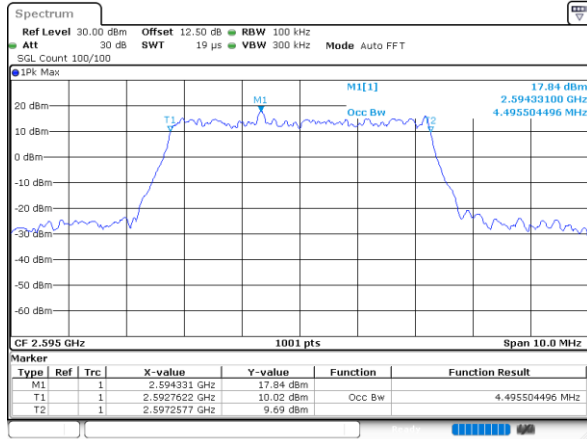
**Occupied Bandwidth**

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.46	9.05	8.97	13.43	13.37	17.86	17.98
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.51	4.47	9.01	9.05	13.49	13.37	17.86	17.90

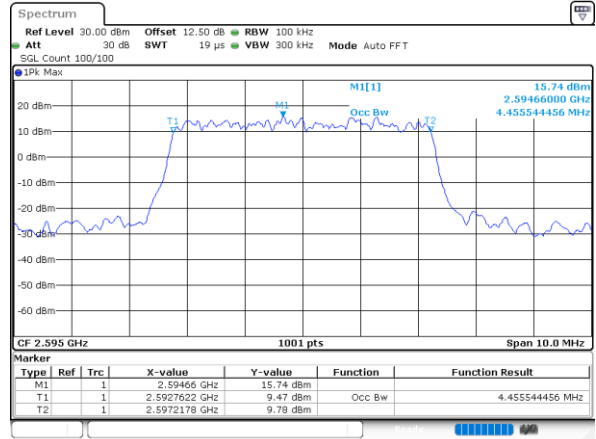


LTE Band 38

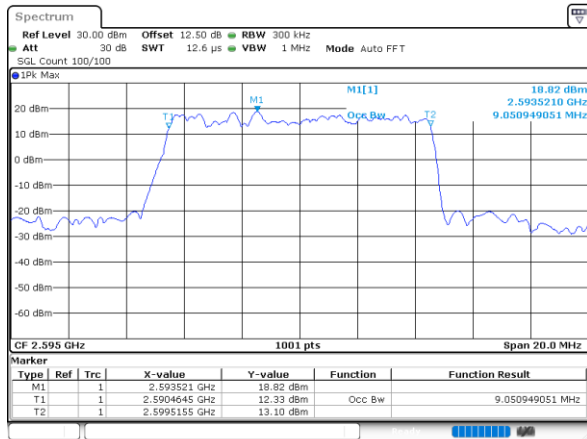
Middle Channel / 5MHz / QPSK



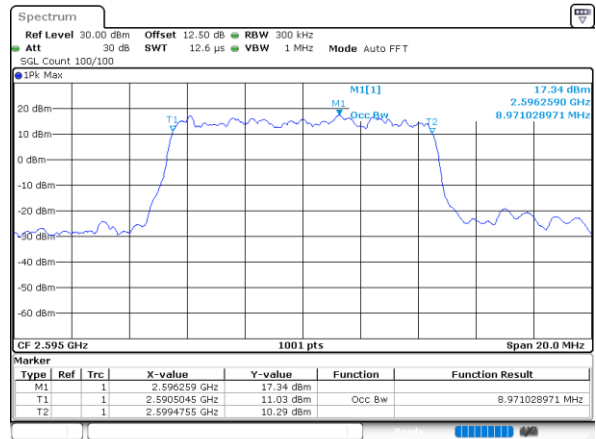
Middle Channel / 5MHz / 16QAM



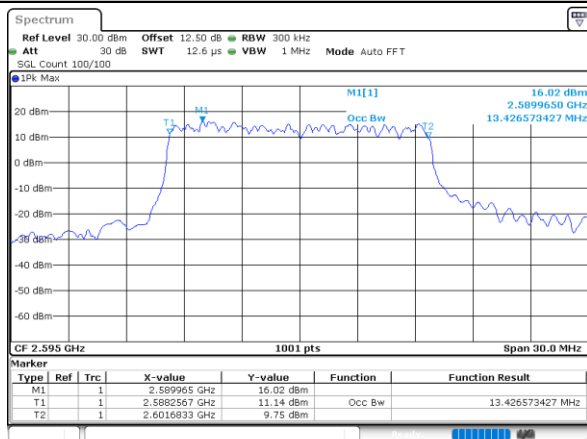
Middle Channel / 10MHz / QPSK



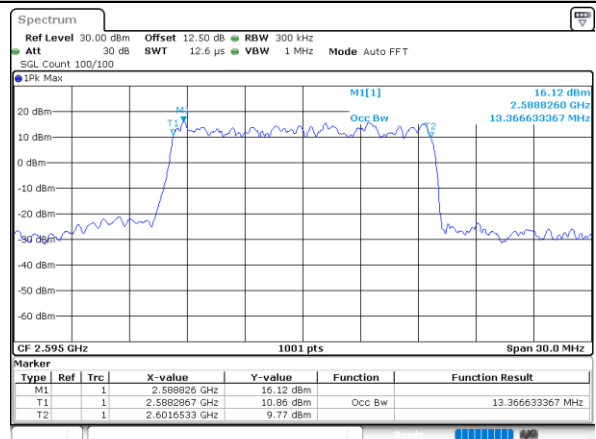
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



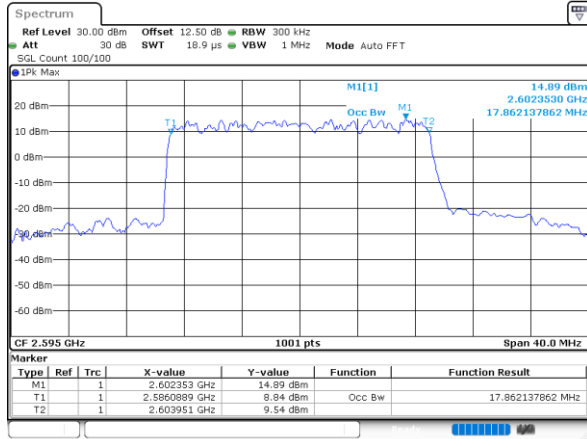
Middle Channel / 15MHz / 16QAM





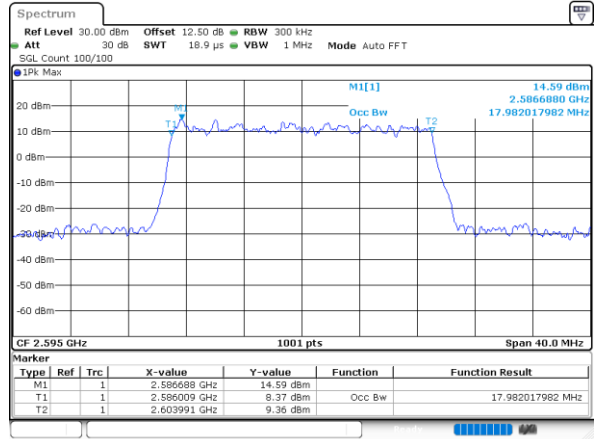
LTE Band 38

Middle Channel / 20MHz / QPSK



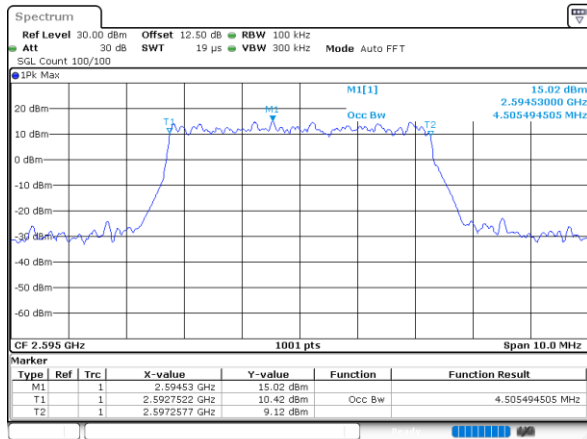
Date: 1.SEP.2022 14:11:55

Middle Channel / 20MHz / 16QAM



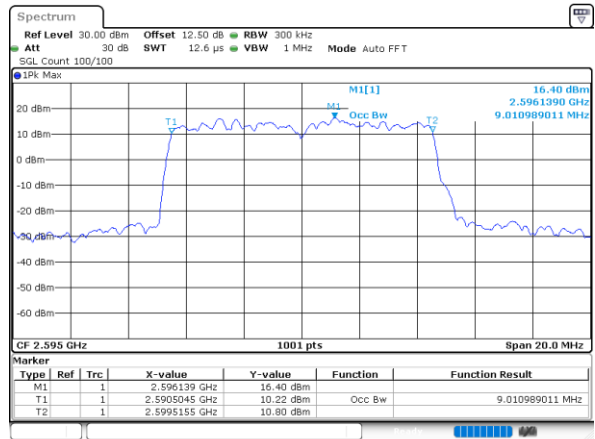
Date: 1.SEP.2022 14:12:24

Middle Channel / 5MHz / 64QAM



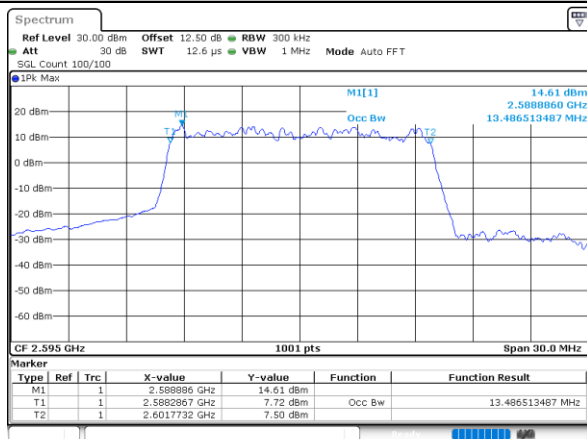
Date: 1.SEP.2022 14:13:56

Middle Channel / 10MHz / 64QAM



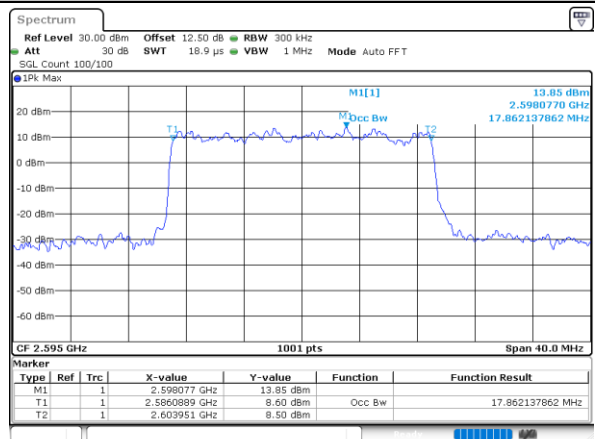
Date: 1.SEP.2022 14:14:45

Middle Channel / 15MHz / 64QAM



Date: 1.SEP.2022 14:15:33

Middle Channel / 20MHz / 64QAM

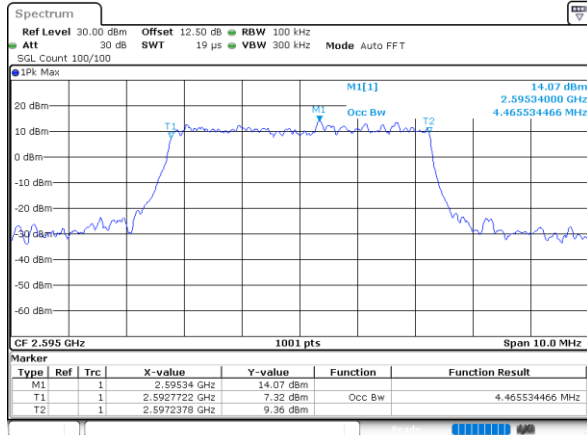


Date: 1.SEP.2022 14:16:22

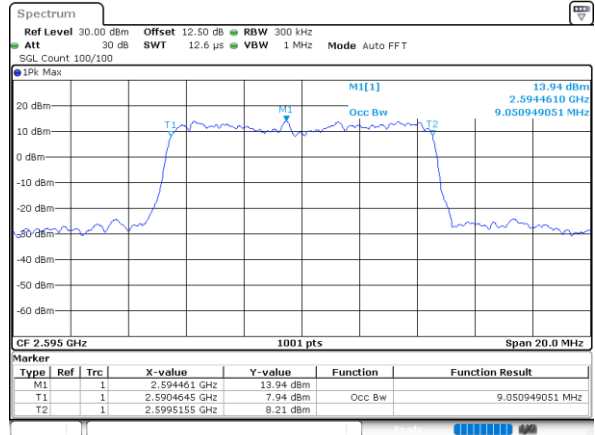


LTE Band 38

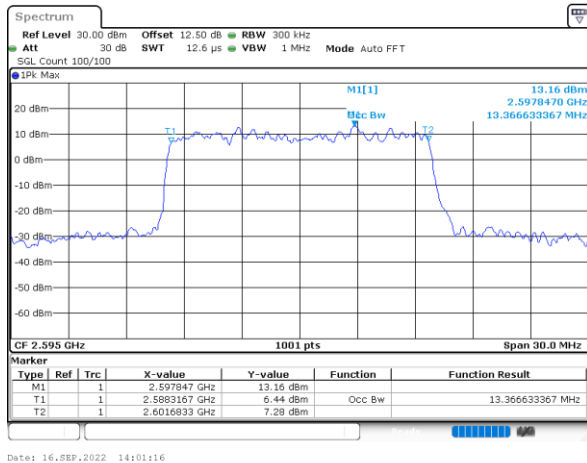
Middle Channel / 5MHz / 256QAM



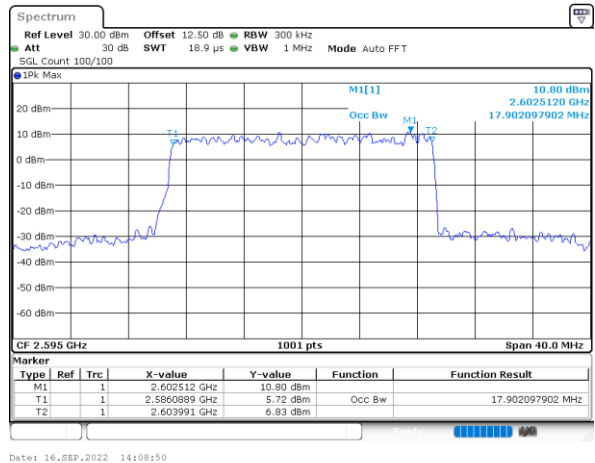
Middle Channel / 10MHz / 256QAM

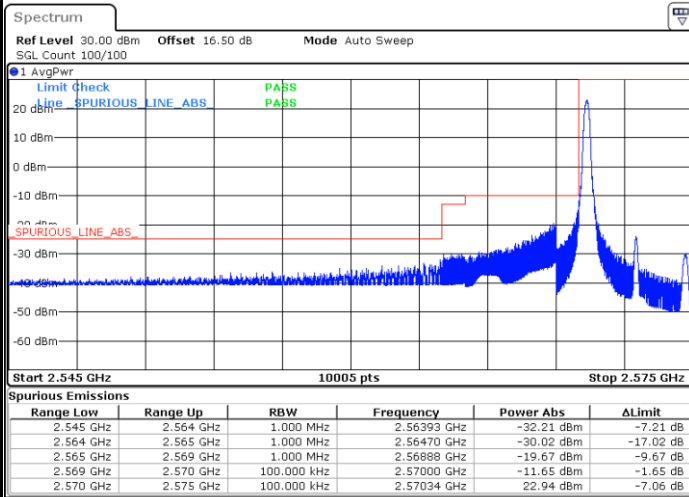
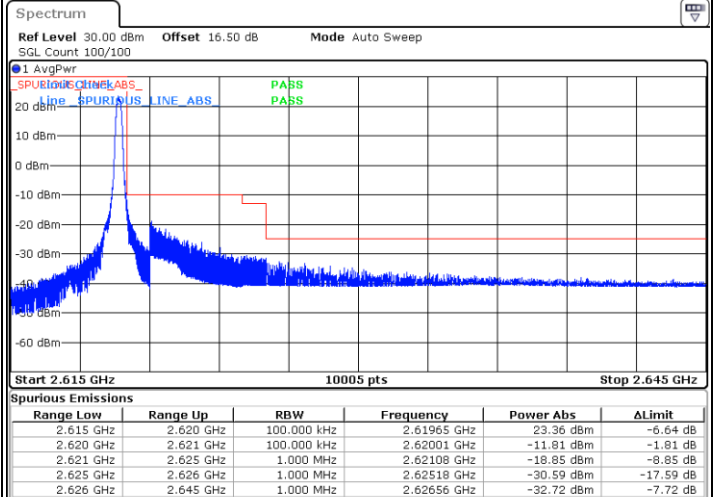
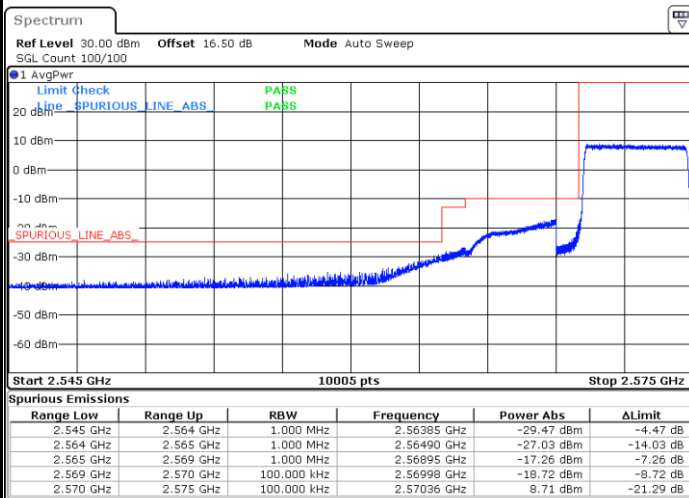
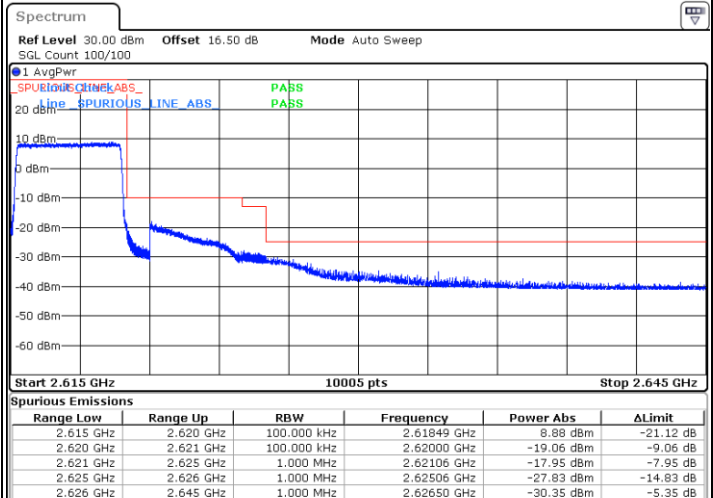


Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

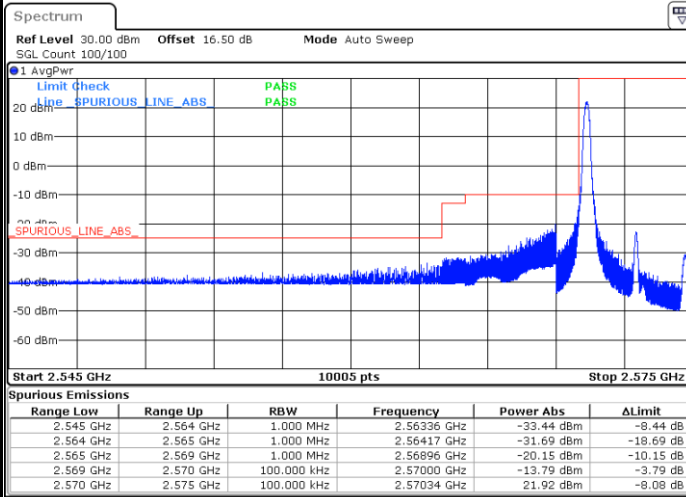


**Conducted Band Edge****LTE Band 38 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

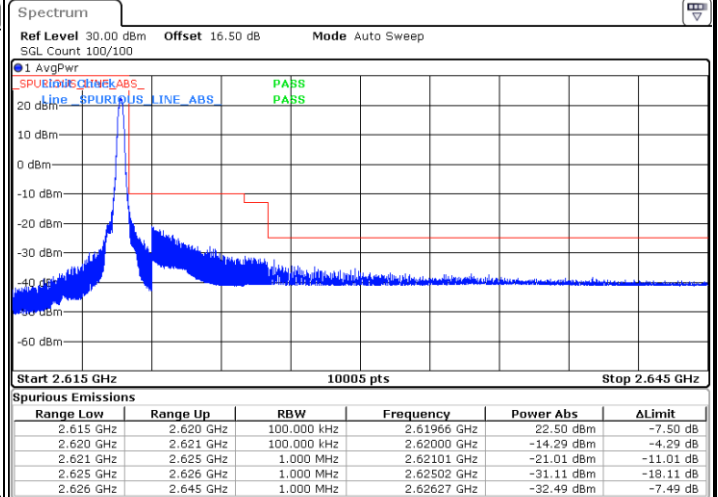


LTE Band 38 / 5MHz / 16QAM

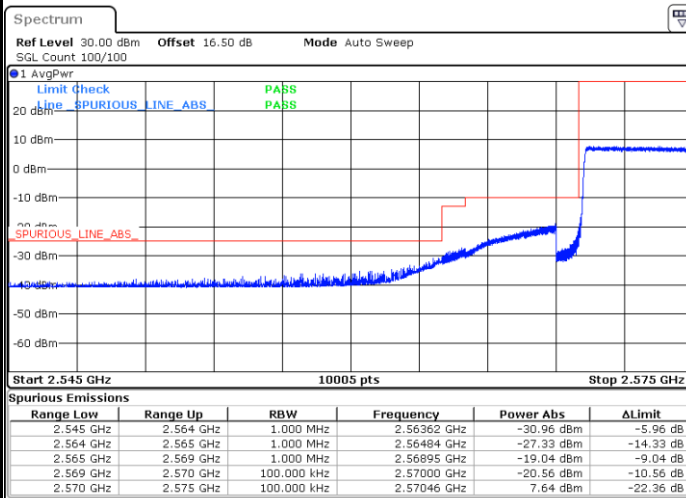
Lowest Band Edge / 1RB



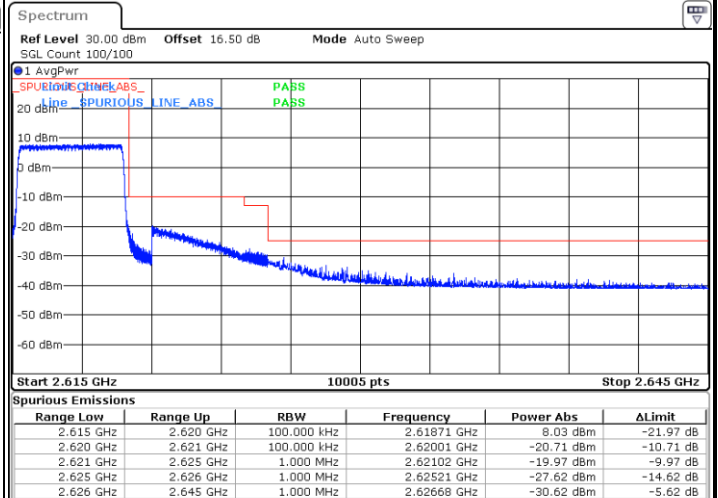
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



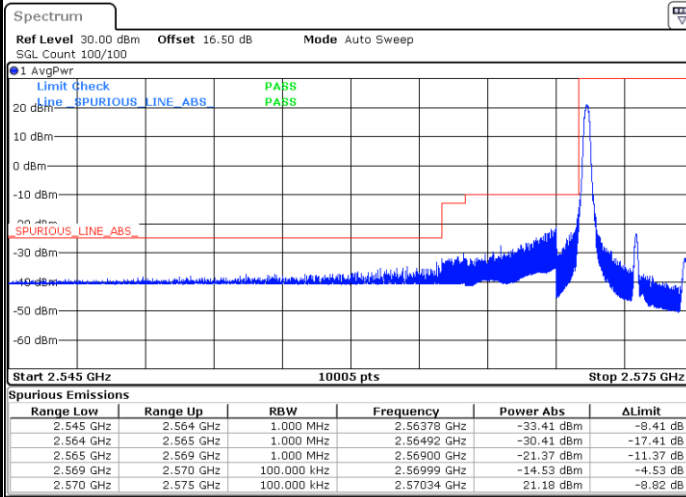
Highest Band Edge / Full RB



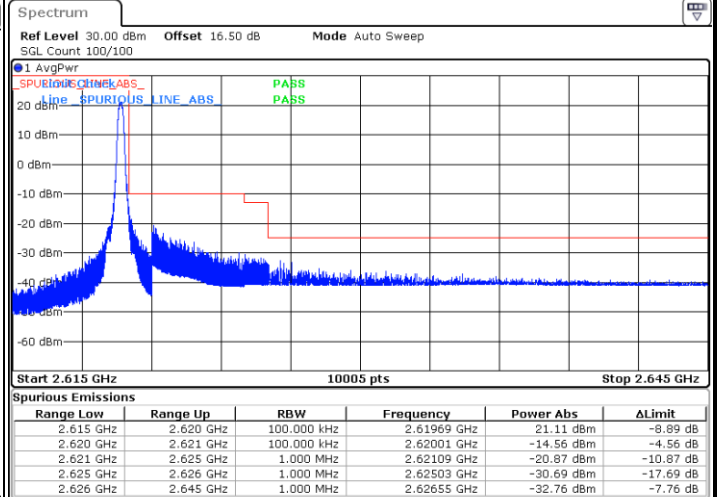


LTE Band 38 / 5MHz / 64QAM

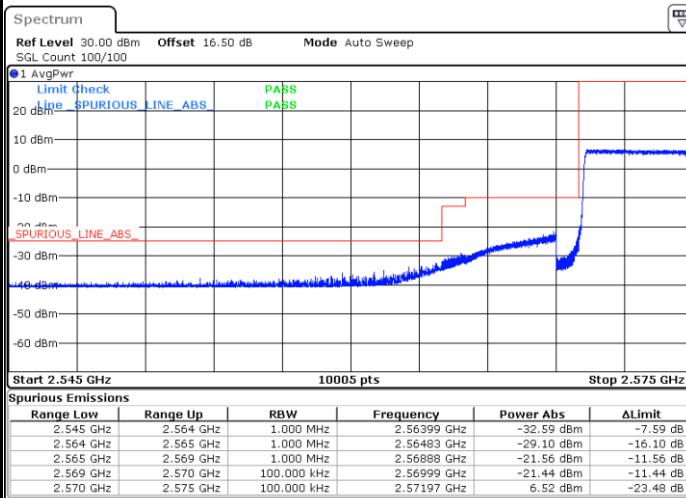
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

