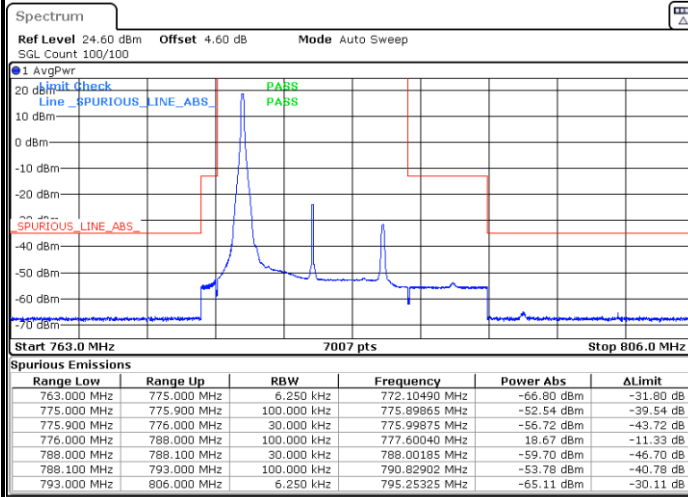




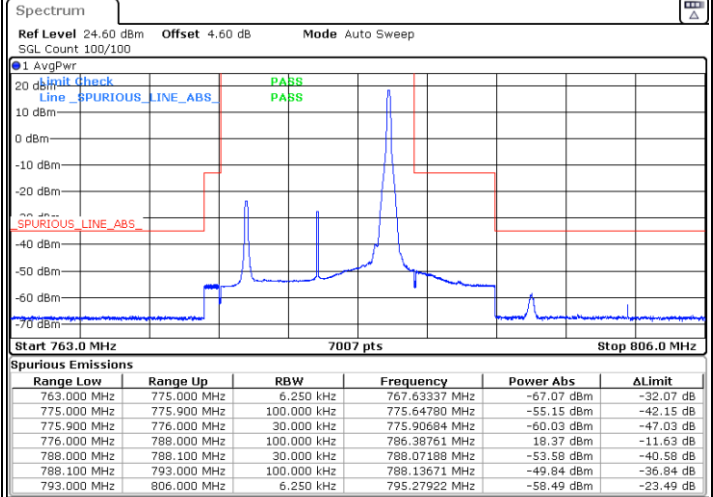
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



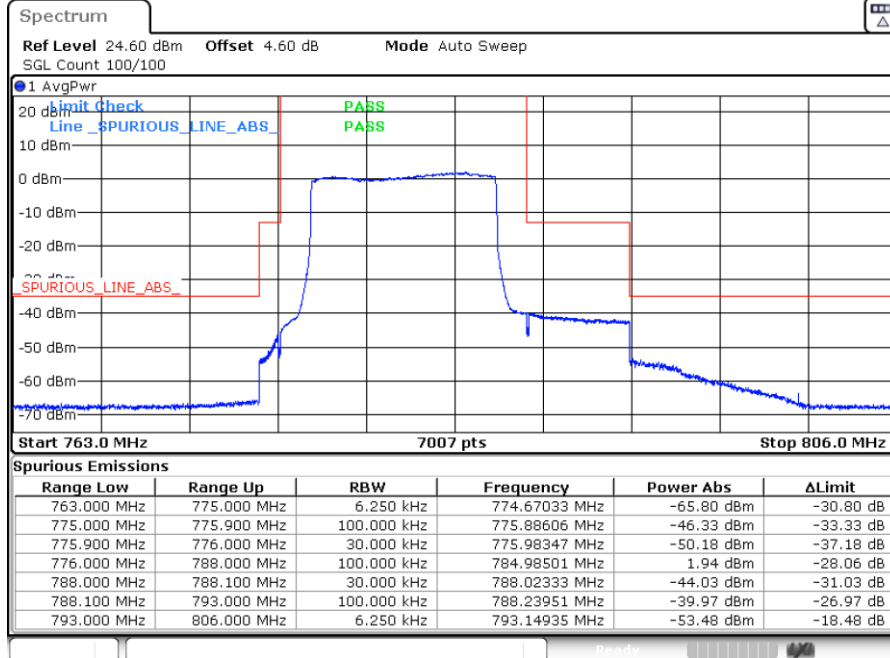
Date: 27.SEP.2024 15:32:18

middle Band Edge / 1 RB



Date: 27.SEP.2024 15:44:03

middle Band Edge / Full RB



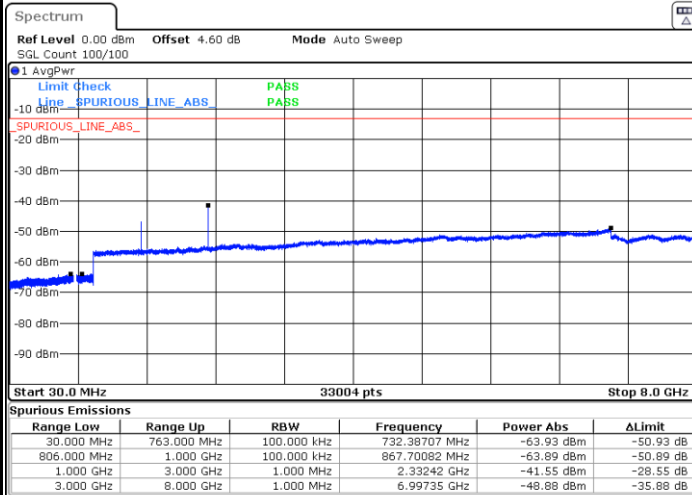
Date: 27.SEP.2024 15:39:45



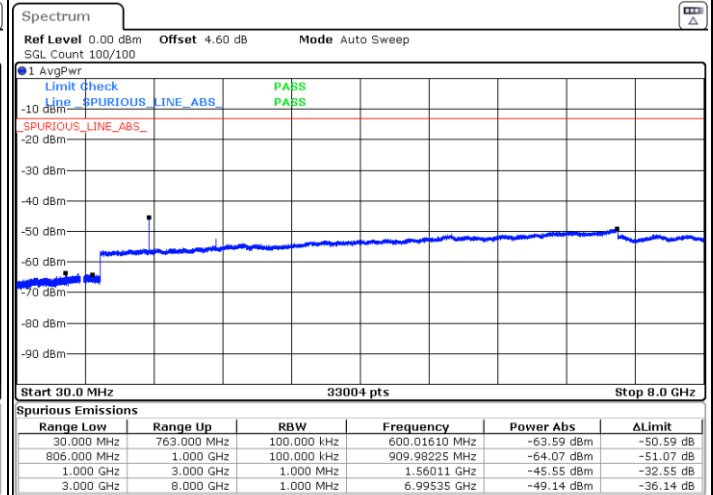
Conducted Spurious Emission

LTE Band 13 / 5MHz

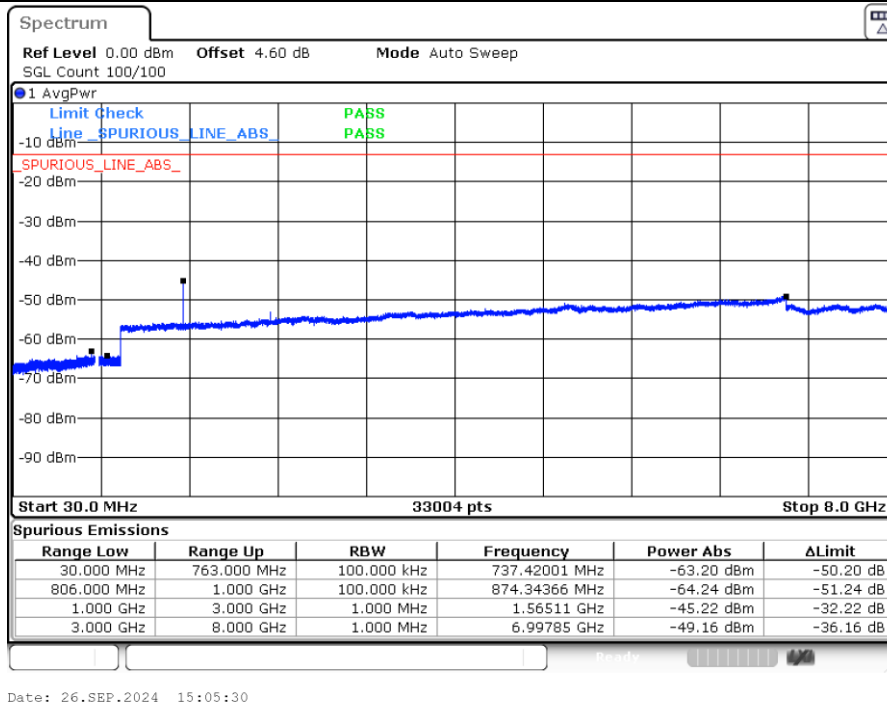
Lowest Channel / QPSK



Middle Channel / QPSK



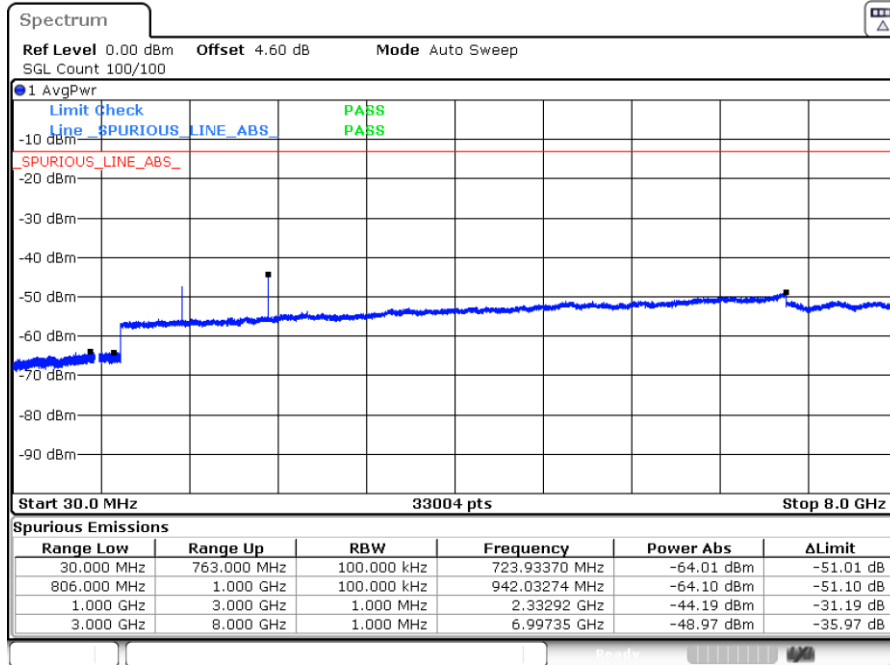
Highest Channel / QPSK





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 26.SEP.2024 15:19:42

**Frequency Stability**

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0002	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0025	

Note:

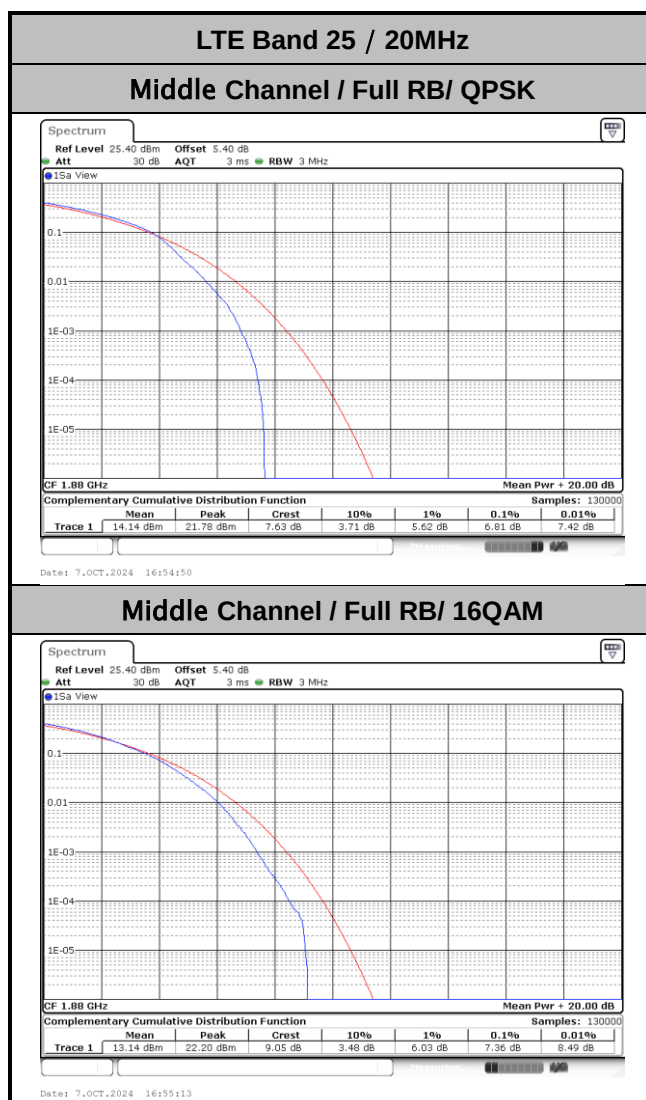
1. Normal Voltage =7.2V. ; Battery End Point (BEP) =6.4 V. ; Maximum Voltage =8.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

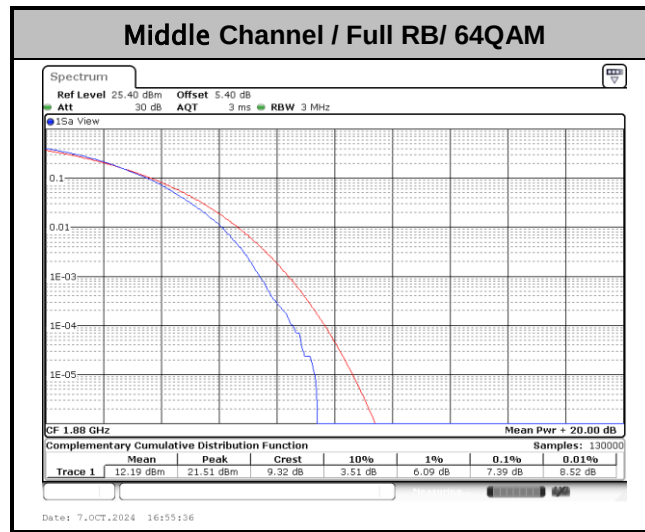


LTE Band 25

Peak-to-Average Ratio

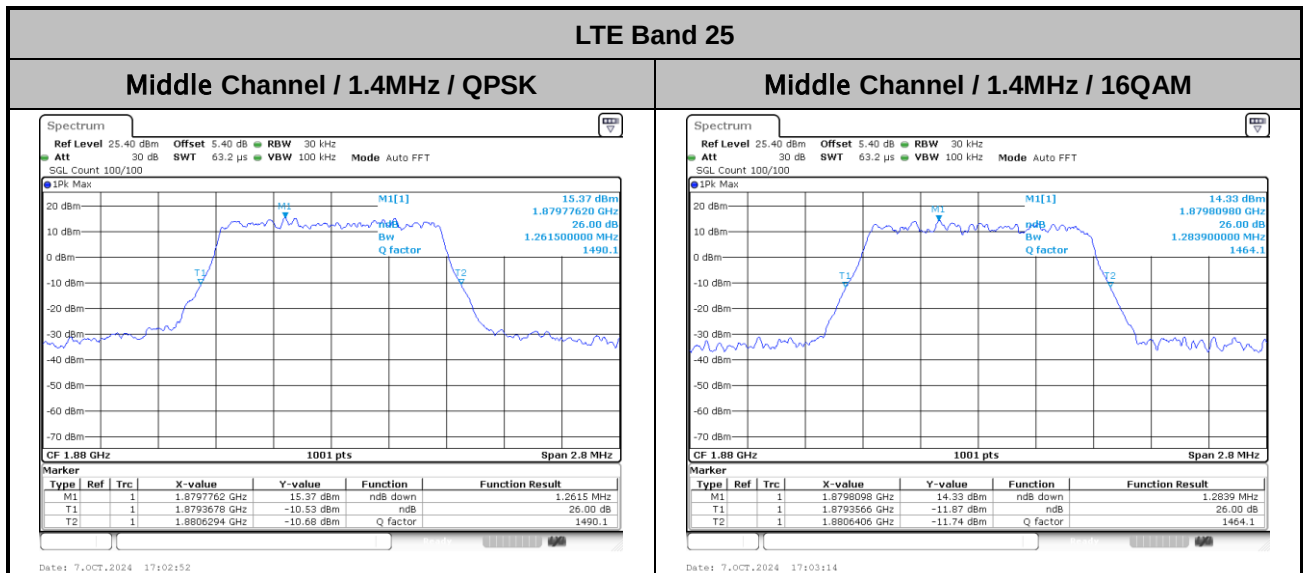
Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.81	7.36	7.39	PASS





**26dB Bandwidth**

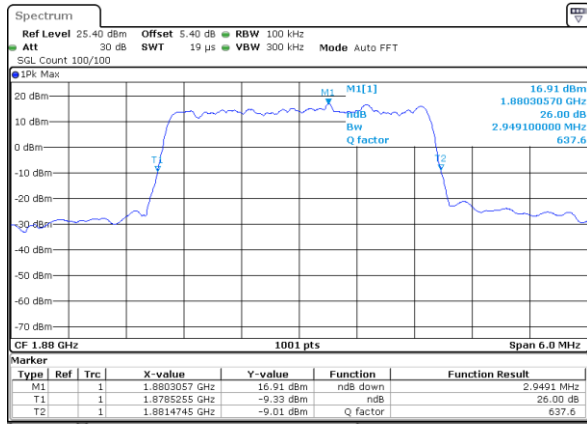
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.26	1.28
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.95	3.00
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.88	4.83
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.91	9.85
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.27	14.27
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.02	18.70





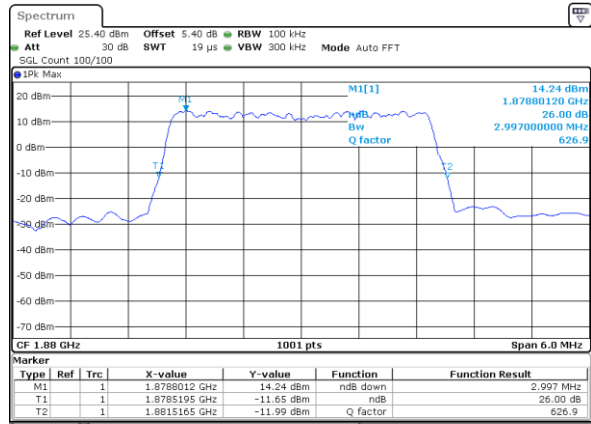
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 7.OCT.2024 17:00:46

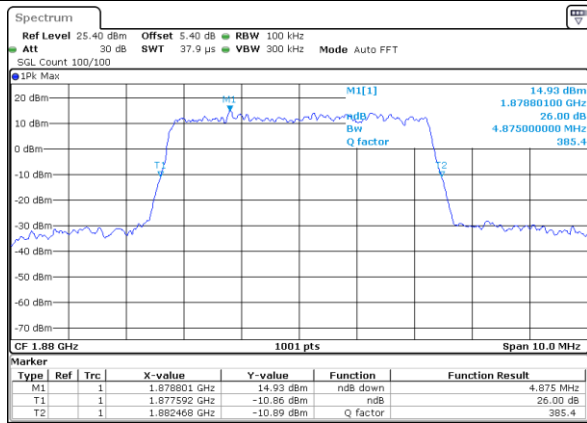
Middle Channel / 3MHz / 16QAM



Date: 7.OCT.2024 17:01:07

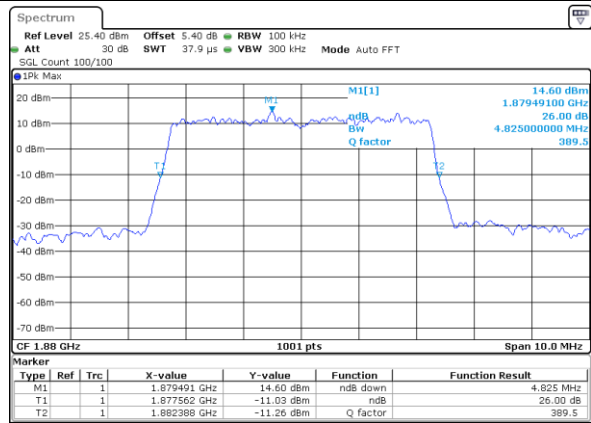
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 7.OCT.2024 16:59:18

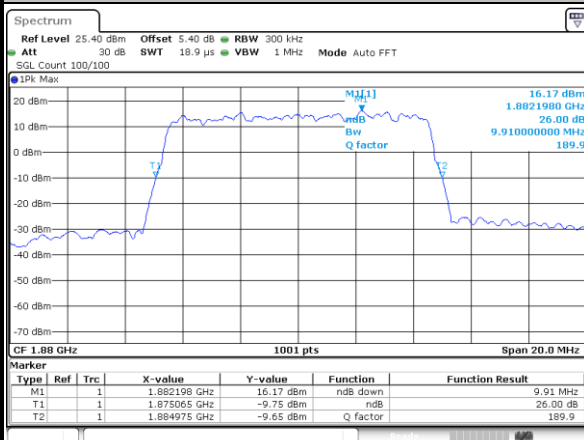
Middle Channel / 5MHz / 16QAM



Date: 7.OCT.2024 16:59:39

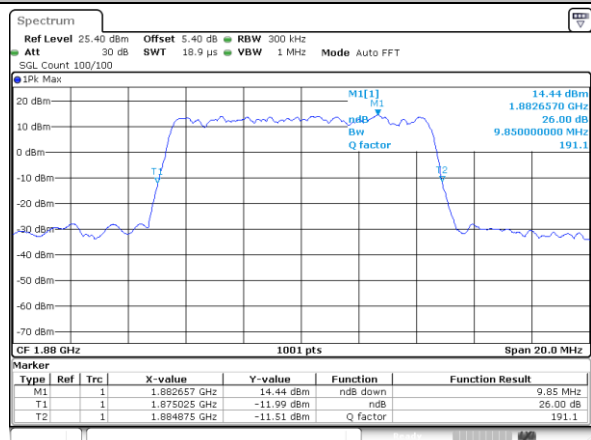
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 7.OCT.2024 16:57:50

Middle Channel / 10MHz / 16QAM

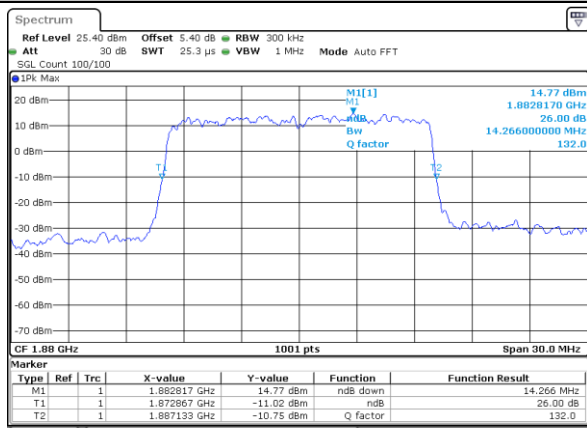


Date: 7.OCT.2024 16:58:12



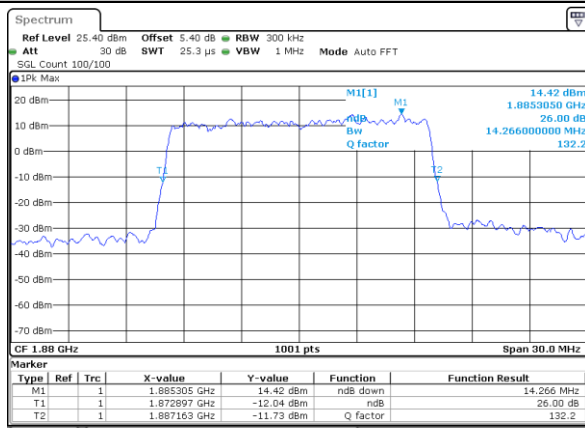
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 7.OCT.2024 16:56:21

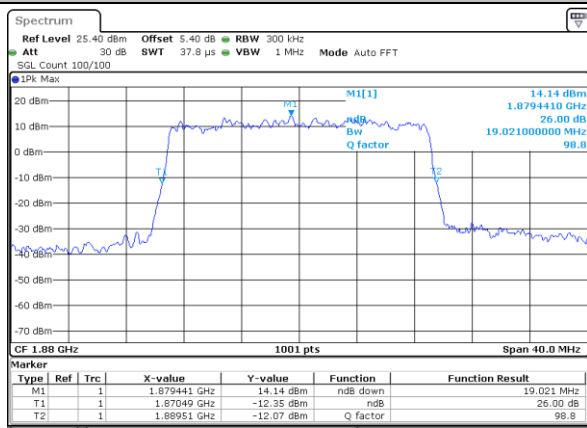
Middle Channel / 15MHz / 16QAM



Date: 7.OCT.2024 16:56:43

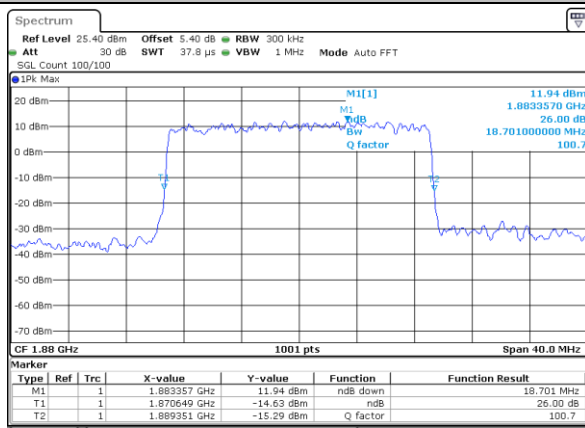
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 7.OCT.2024 16:45:43

Middle Channel / 20MHz / 16QAM

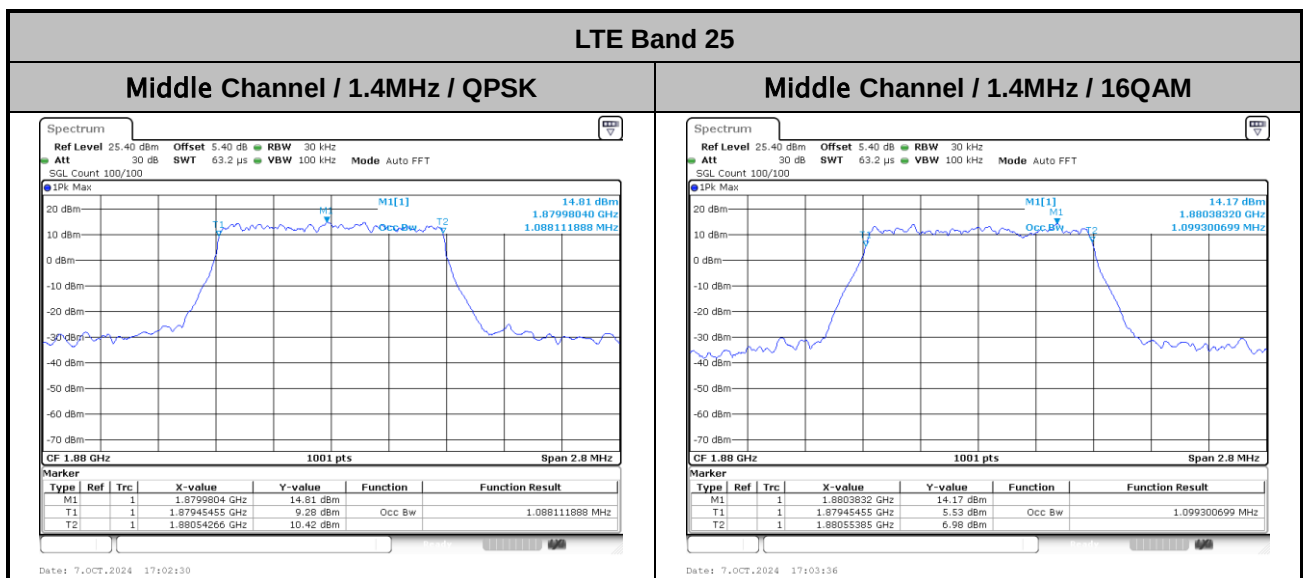


Date: 7.OCT.2024 16:46:05



Occupied Bandwidth

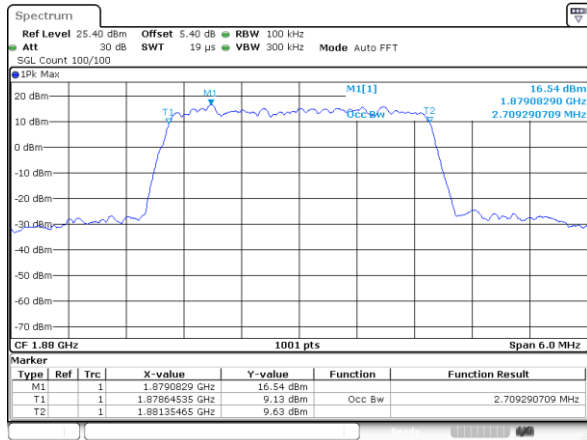
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.71	2.69
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.07
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.86



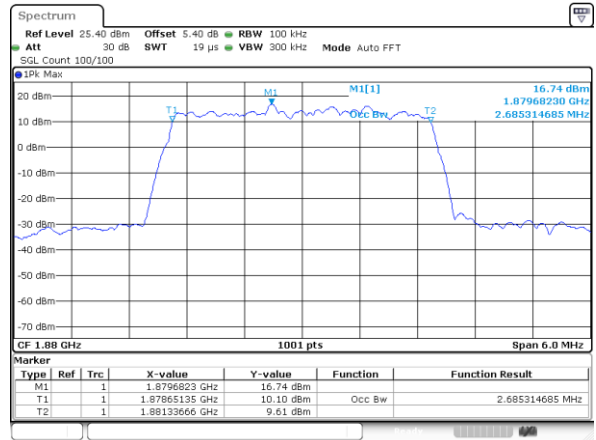


LTE Band 25

Middle Channel / 3MHz / QPSK

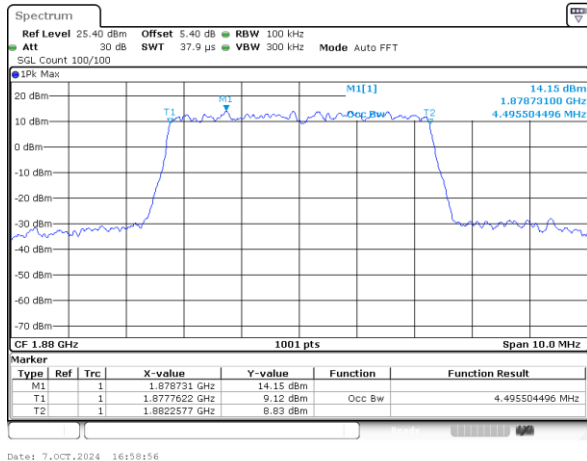


Middle Channel / 3MHz / 16QAM

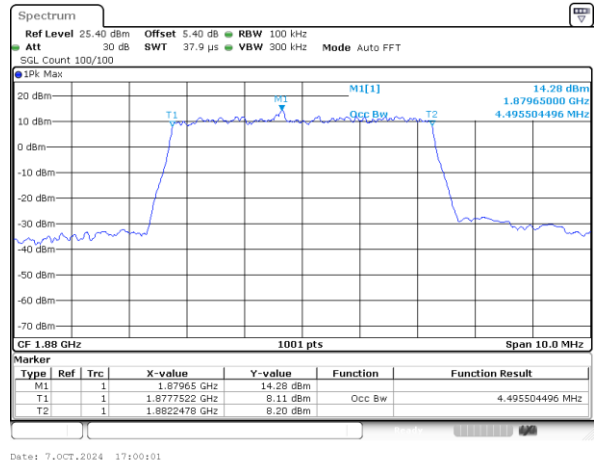


LTE Band 25

Middle Channel / 5MHz / QPSK

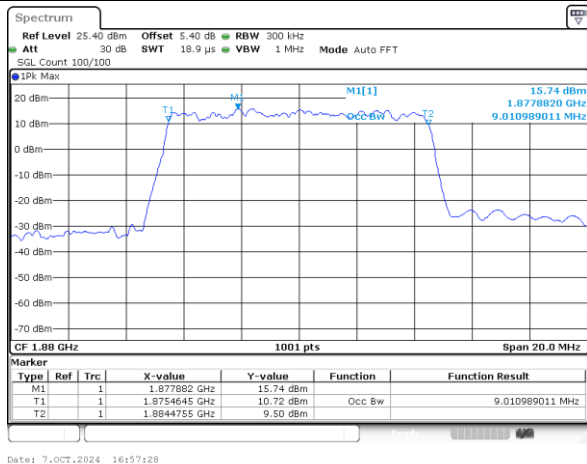


Middle Channel / 5MHz / 16QAM

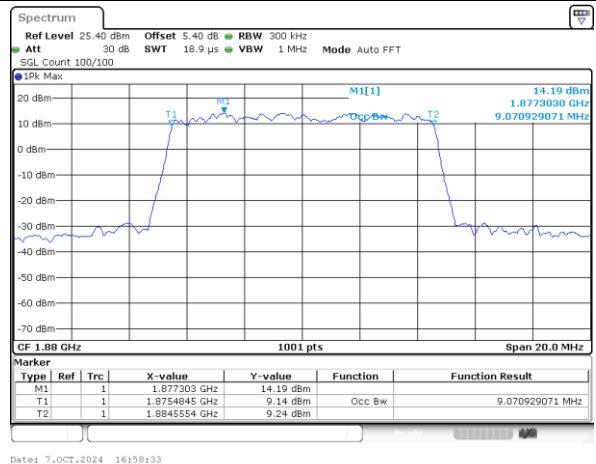


LTE Band 25

Middle Channel / 10MHz / QPSK



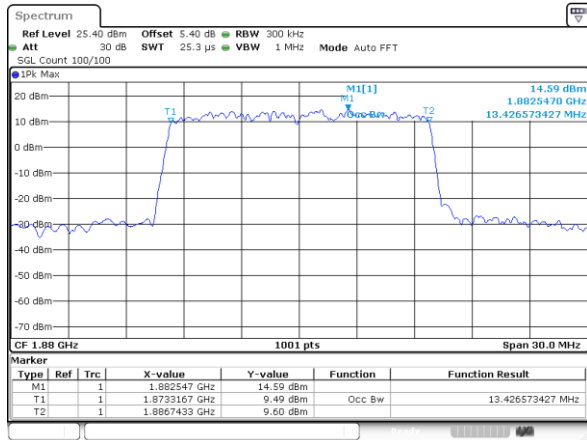
Middle Channel / 10MHz / 16QAM



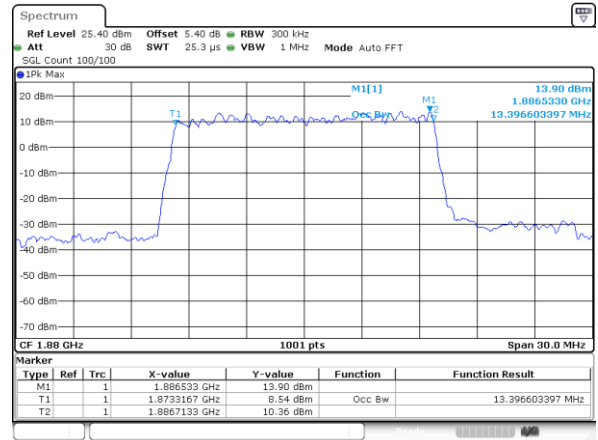


LTE Band 25

Middle Channel / 15MHz / QPSK

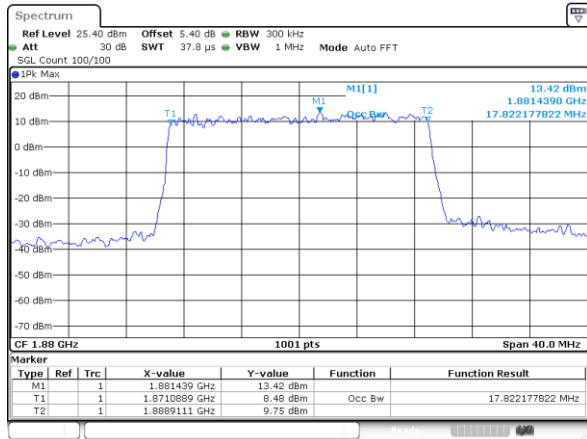


Middle Channel / 15MHz / 16QAM

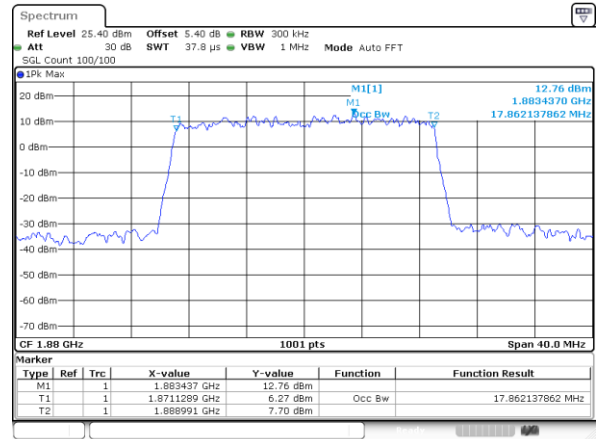


LTE Band 25

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

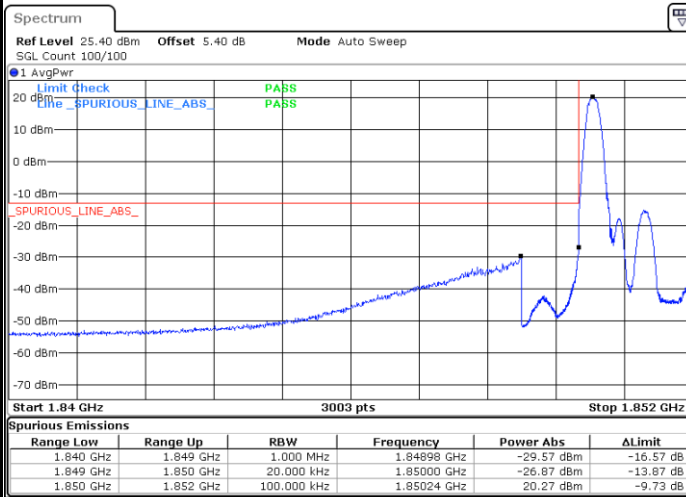




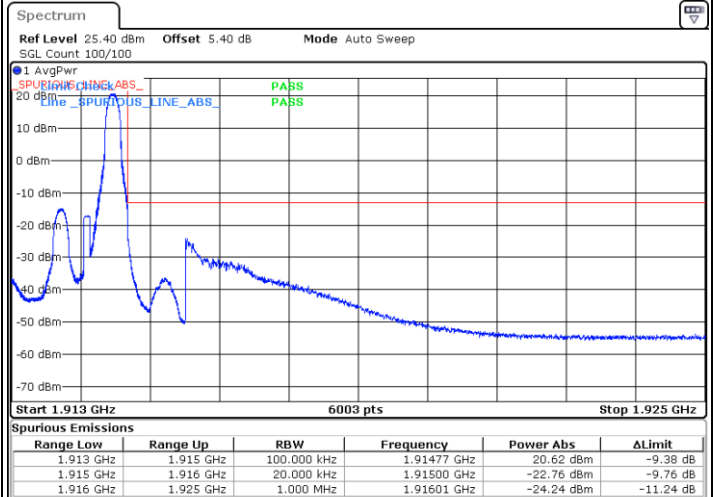
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

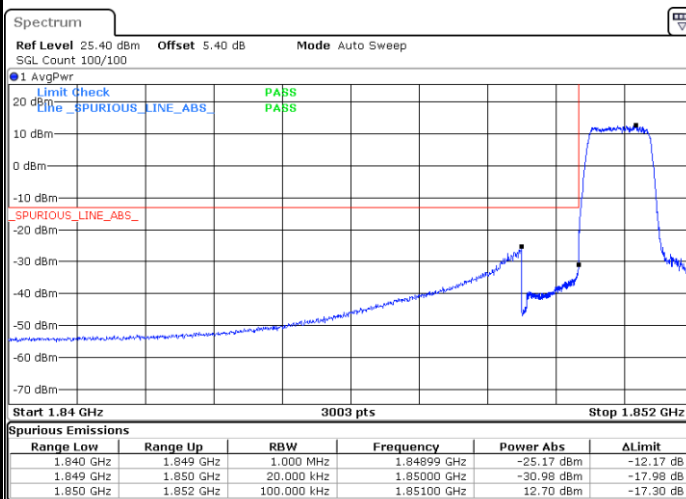
Lowest Band Edge / 1RB



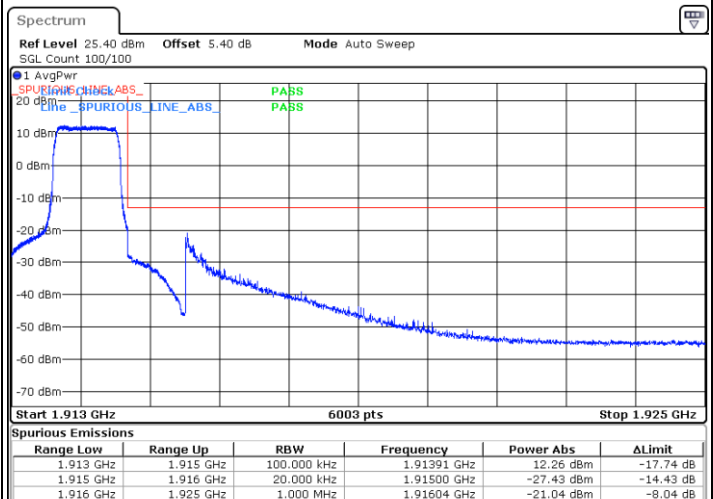
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



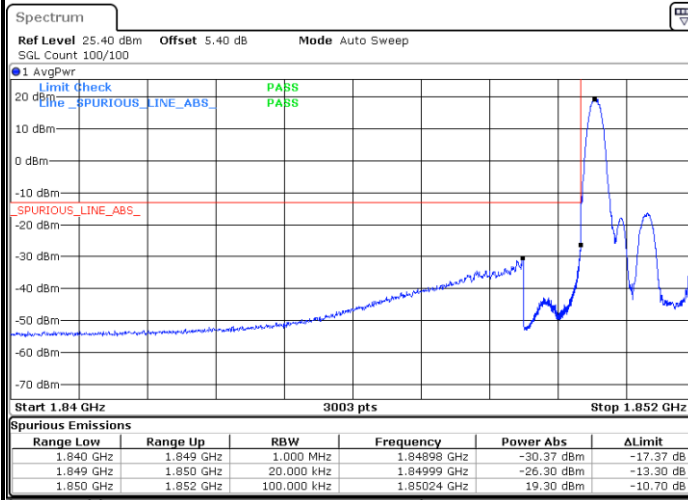
Highest Band Edge / Full RB



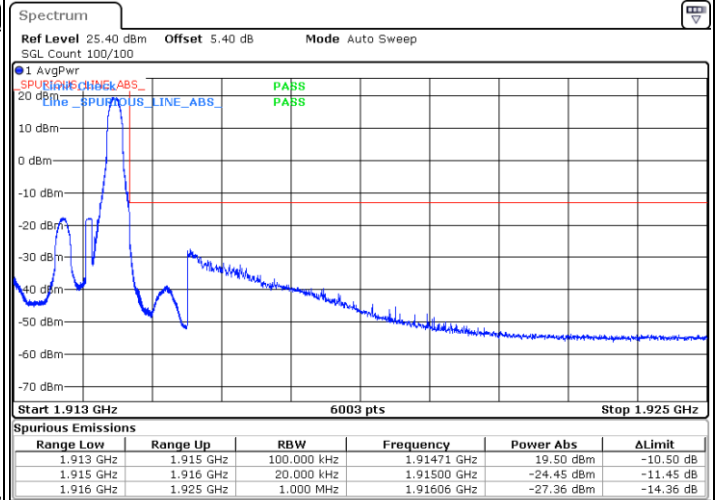


LTE Band 25 / 1.4MHz / 16QAM

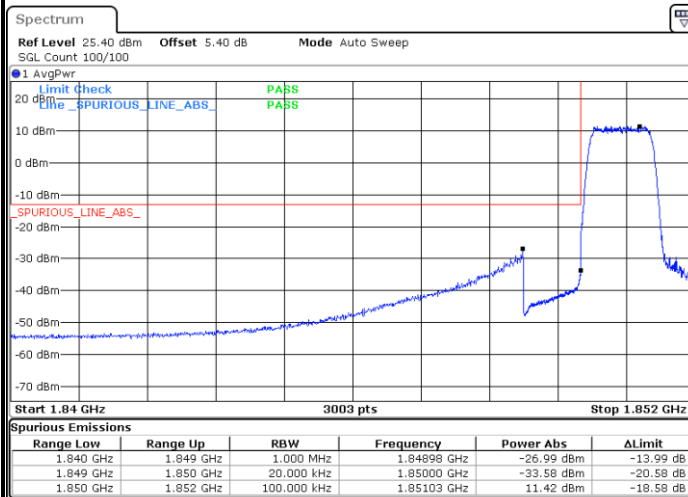
Lowest Band Edge / 1 RB



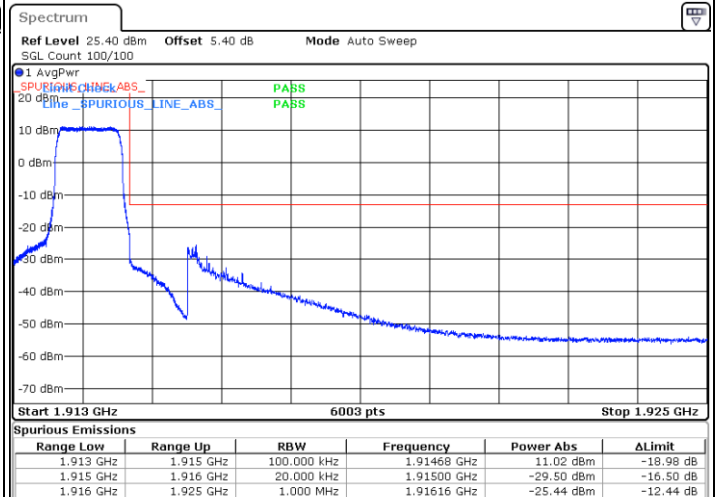
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



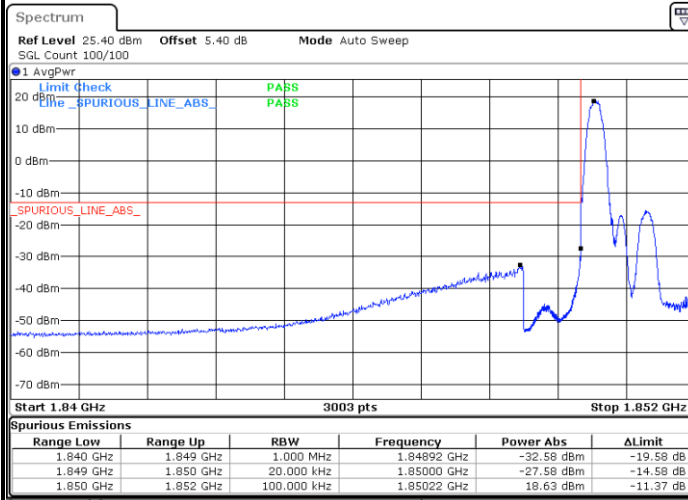
Highest Band Edge / Full RB



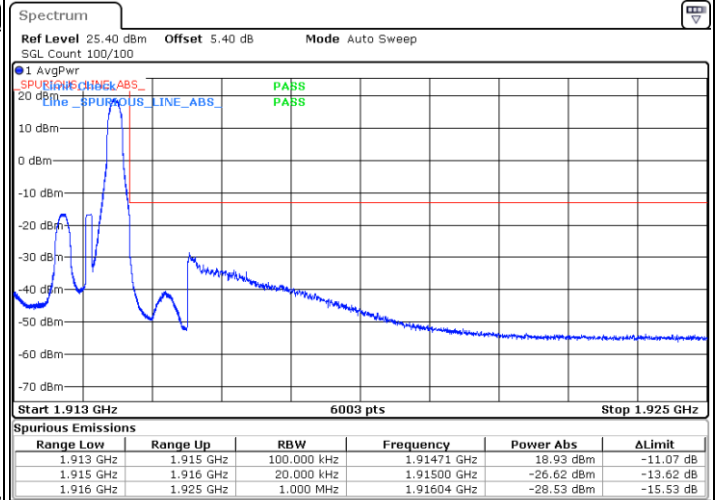


LTE Band 25 / 1.4MHz / 64QAM

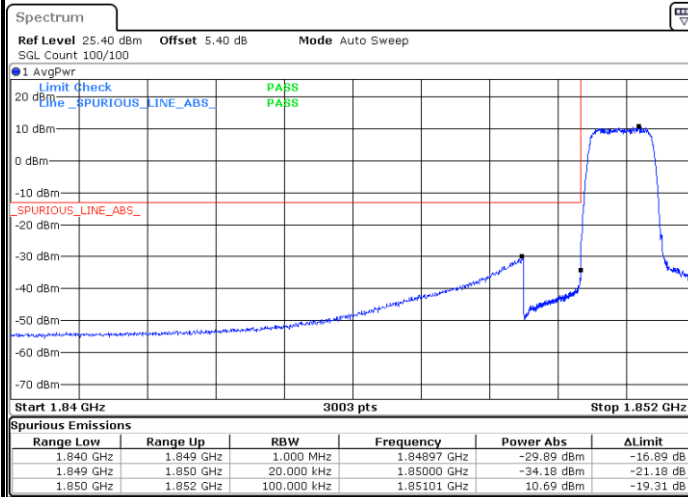
Lowest Band Edge / 1 RB



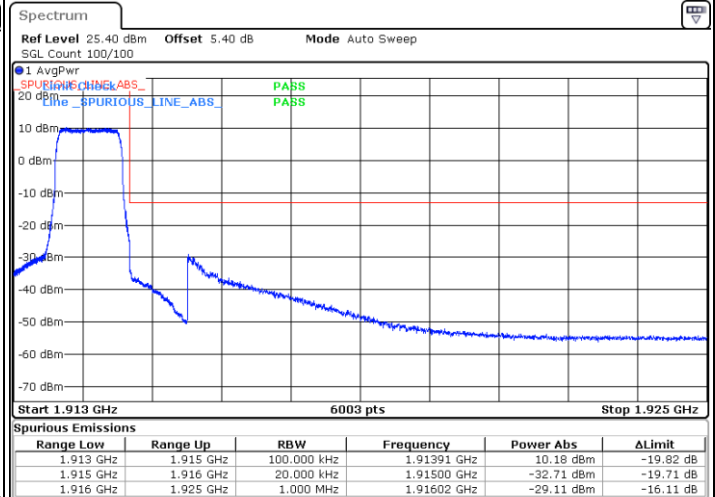
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



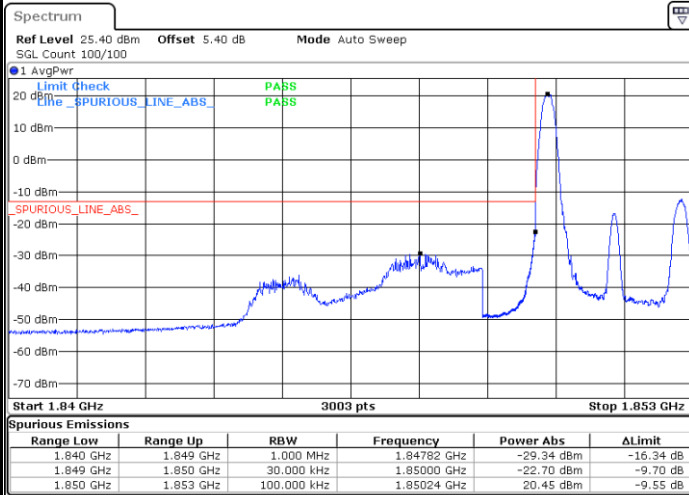
Highest Band Edge / Full RB



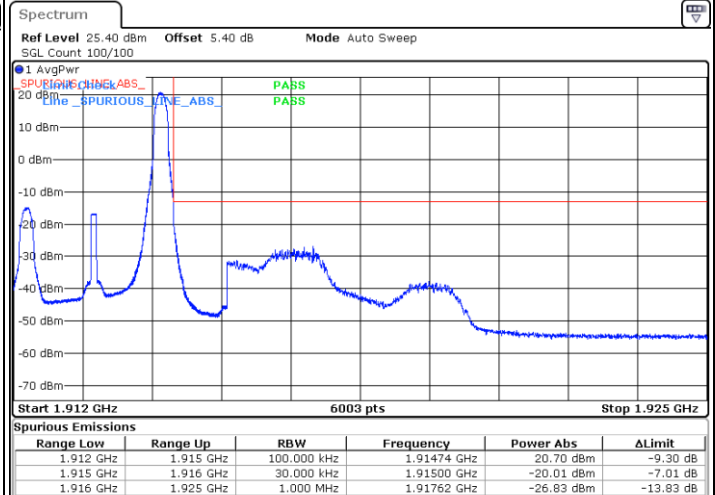


LTE Band 25 / 3MHz / QPSK

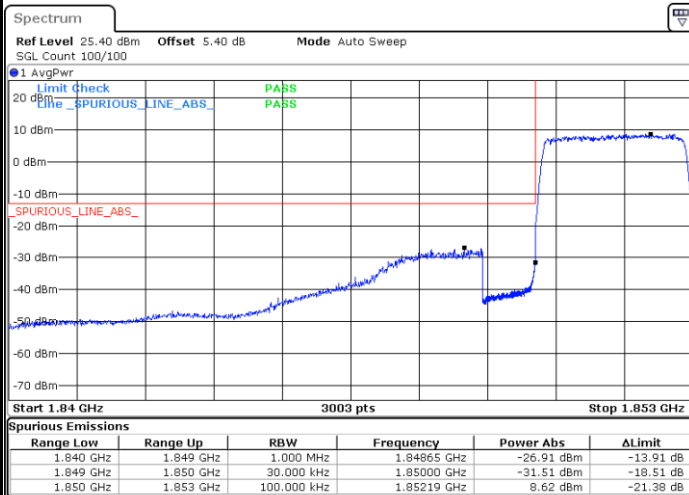
Lowest Band Edge / 1RB



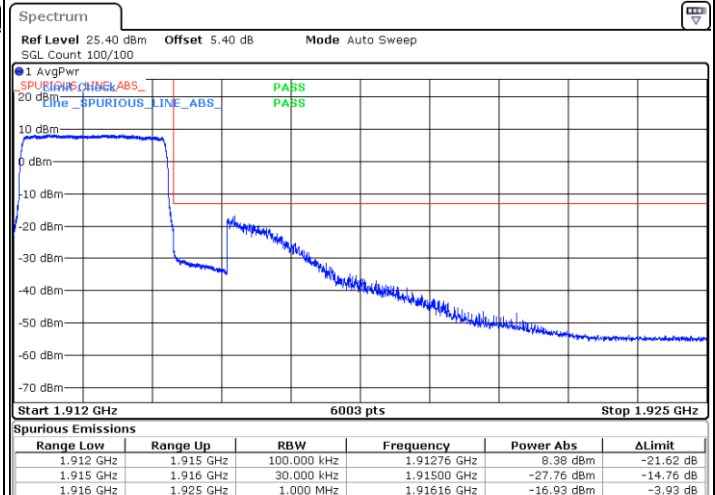
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



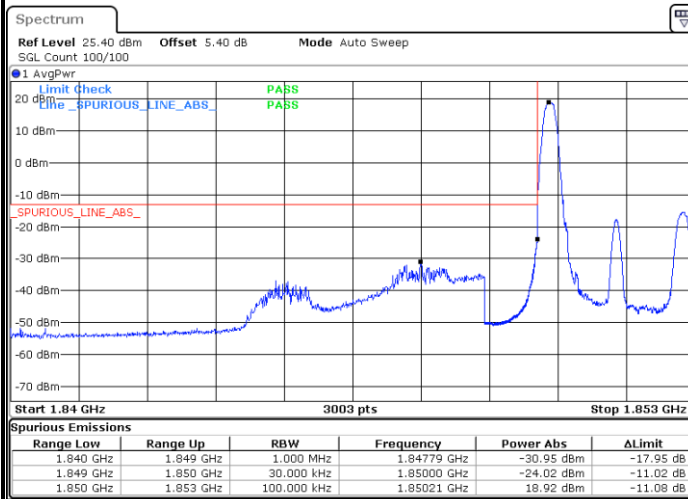
Highest Band Edge / Full RB



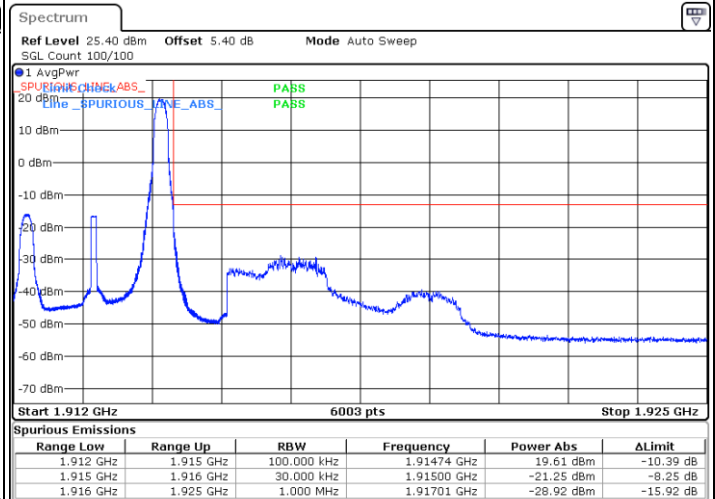


LTE Band 25 / 3MHz / 16QAM

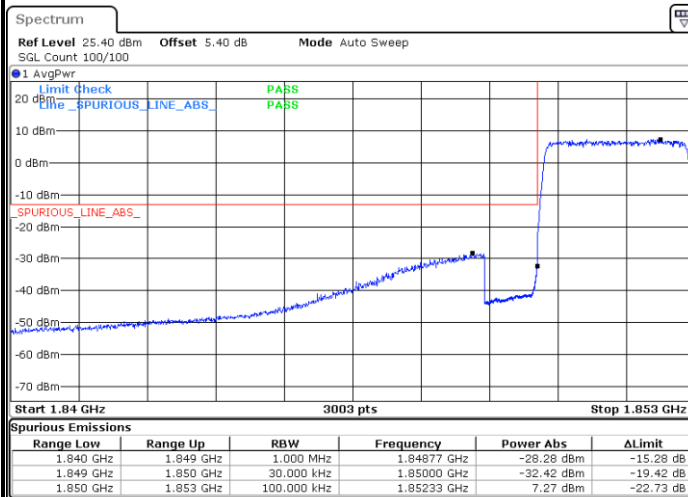
Lowest Band Edge / 1 RB



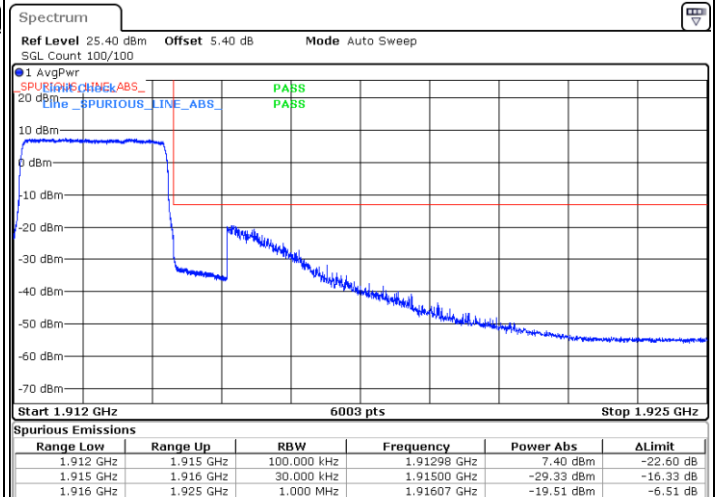
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



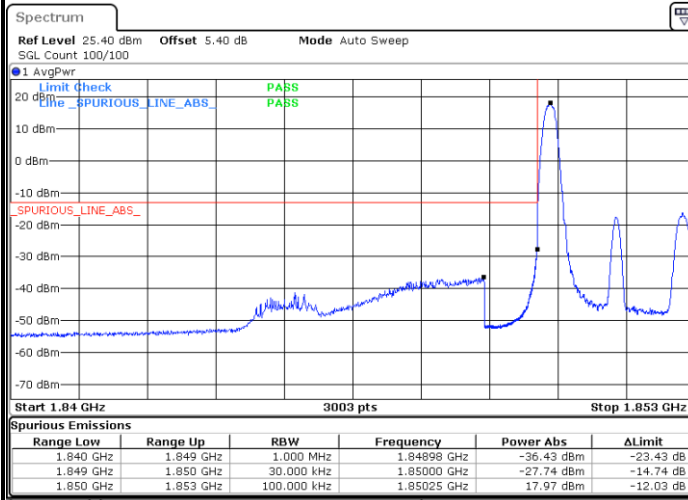
Highest Band Edge / Full RB



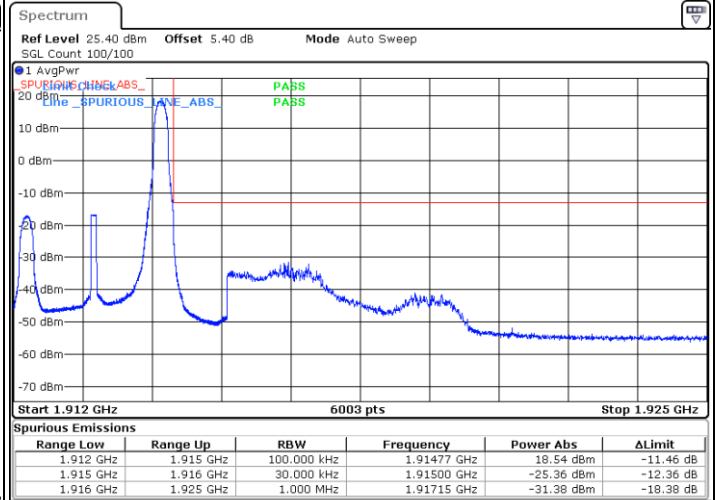


LTE Band 25 / 3MHz / 64QAM

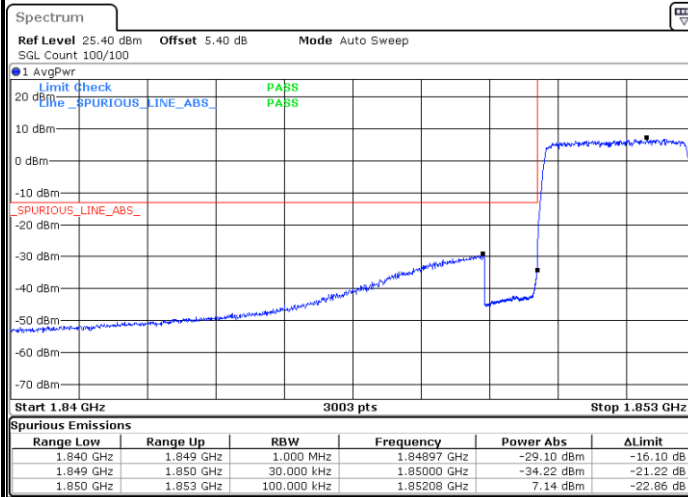
Lowest Band Edge / 1 RB



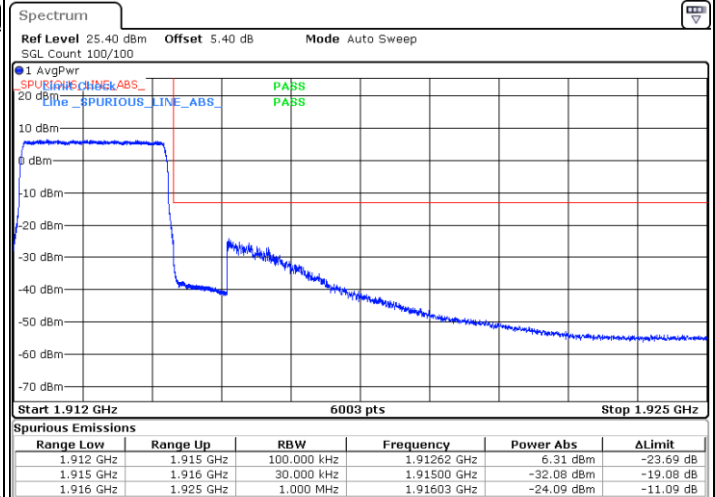
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



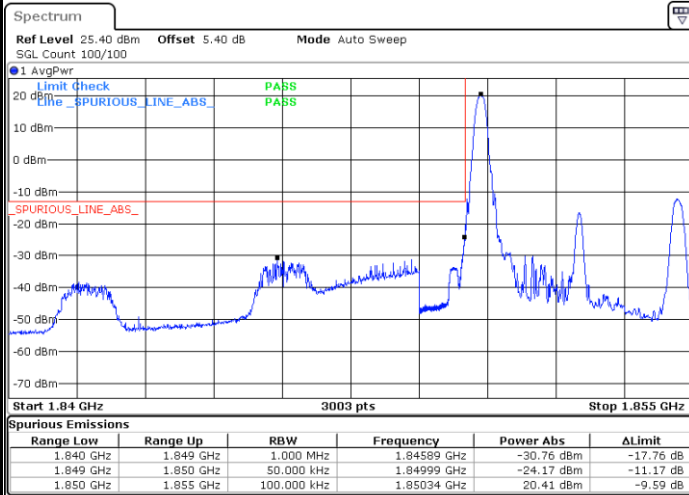
Highest Band Edge / Full RB





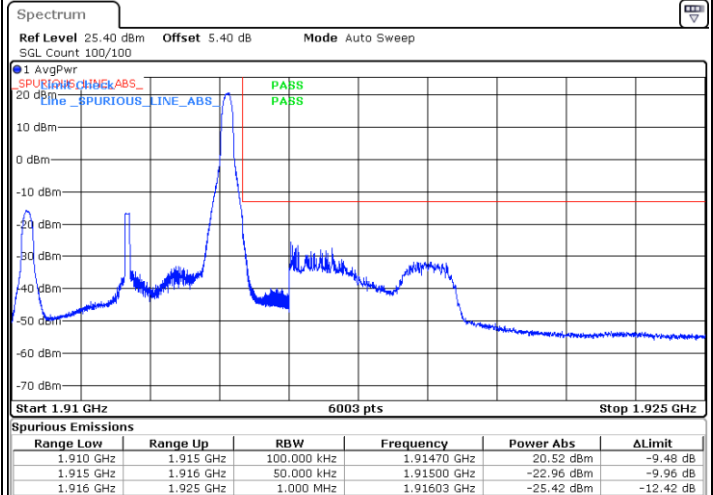
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



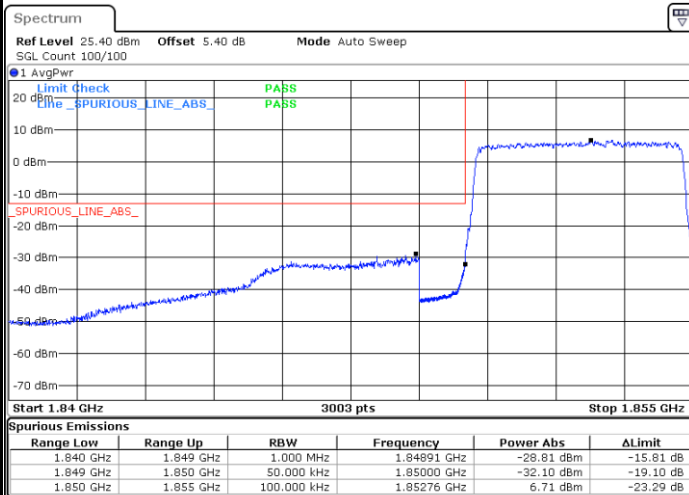
Date: 7.OCT.2024 15:30:43

Highest Band Edge / 1 RB



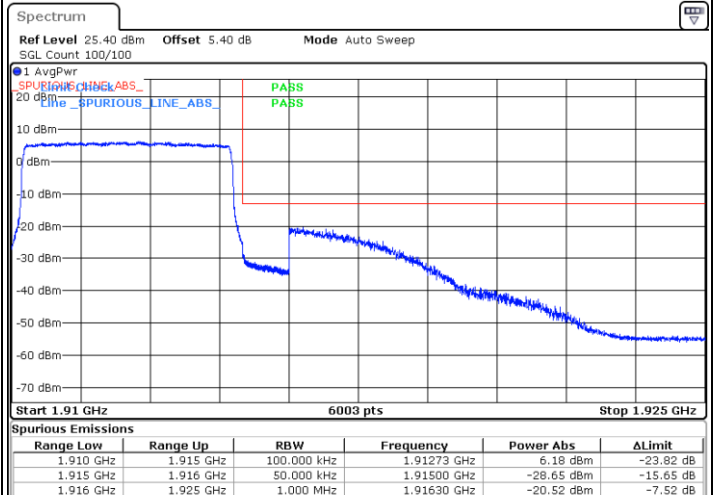
Date: 7.OCT.2024 15:42:51

Lowest Band Edge / Full RB



Date: 7.OCT.2024 15:24:39

Highest Band Edge / Full RB

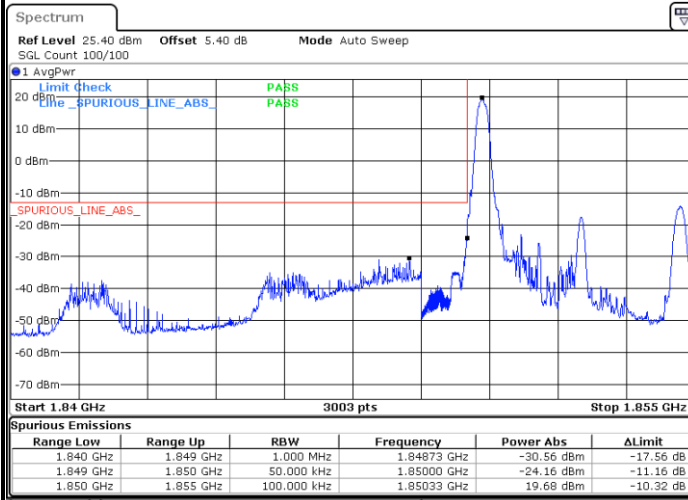


Date: 7.OCT.2024 15:38:19

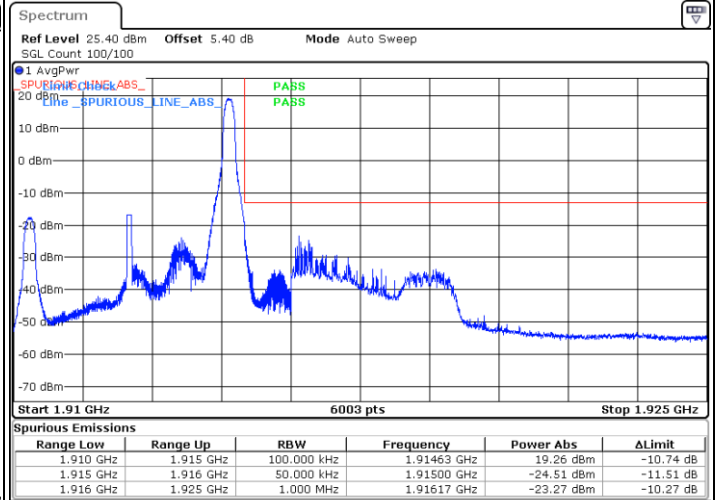


LTE Band 25 / 5MHz / 16QAM

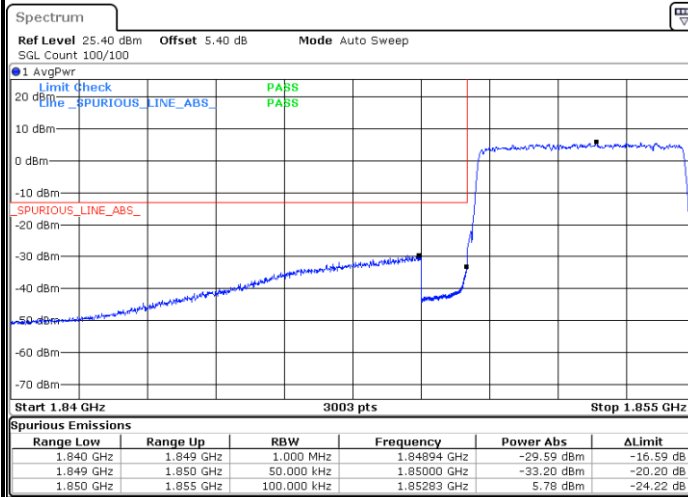
Lowest Band Edge / 1RB



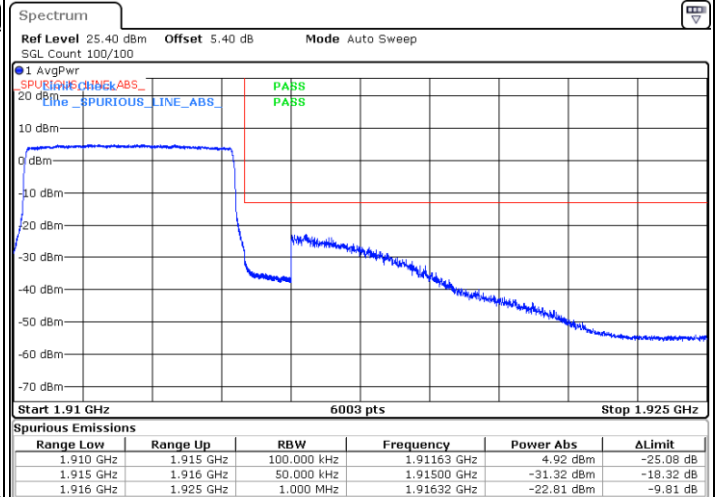
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



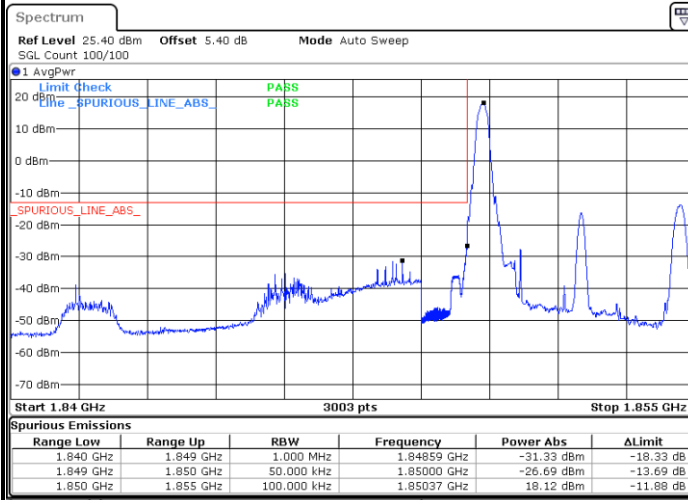
Highest Band Edge / Full RB



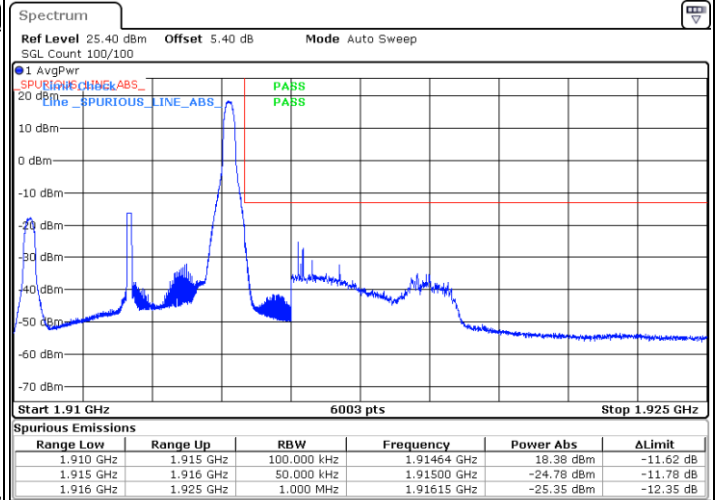


LTE Band 25 / 5MHz / 64QAM

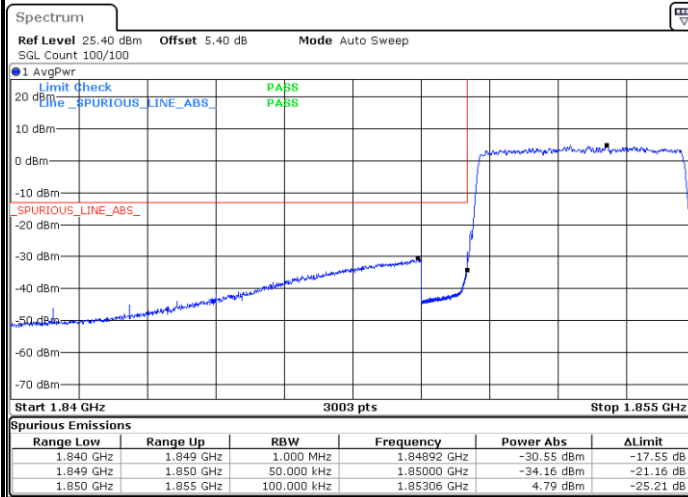
Lowest Band Edge / 1RB



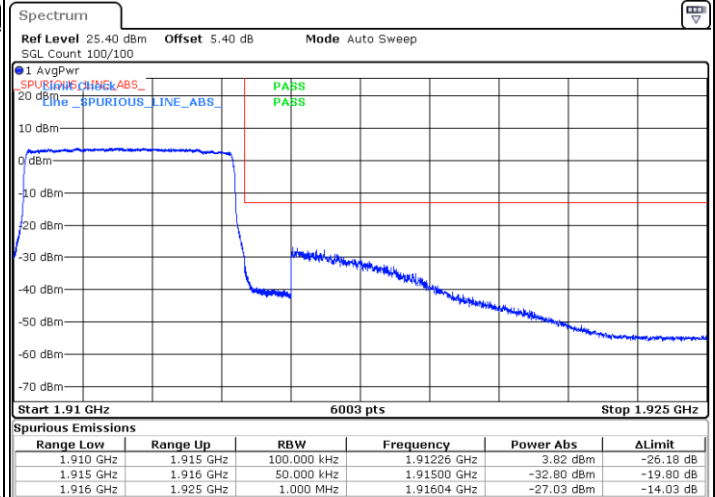
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



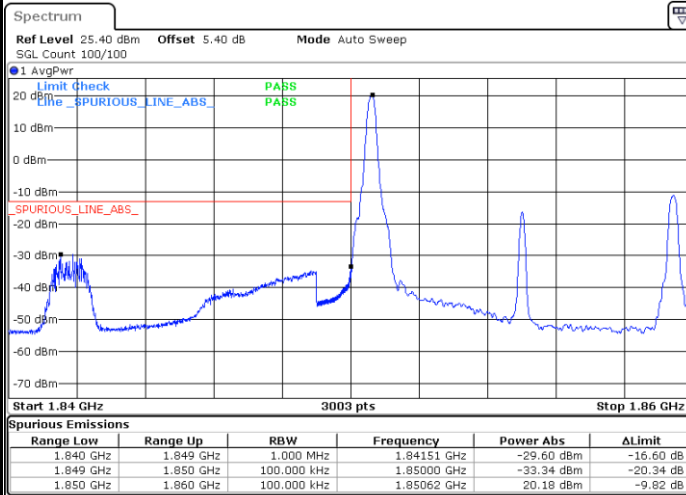
Highest Band Edge / Full RB



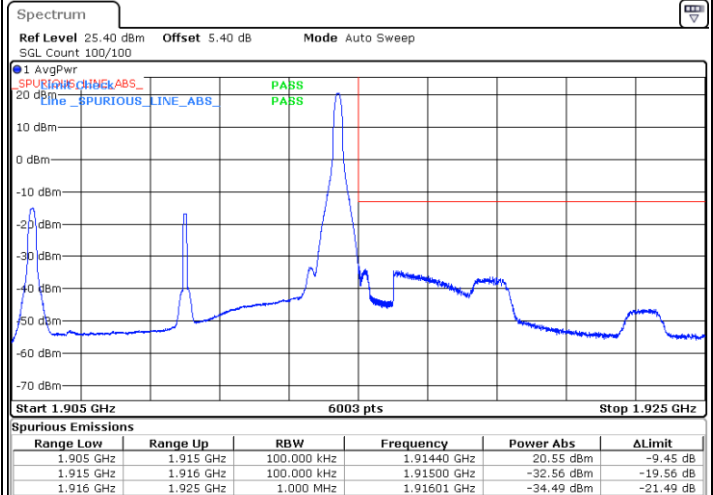


LTE Band 25 / 10MHz / QPSK

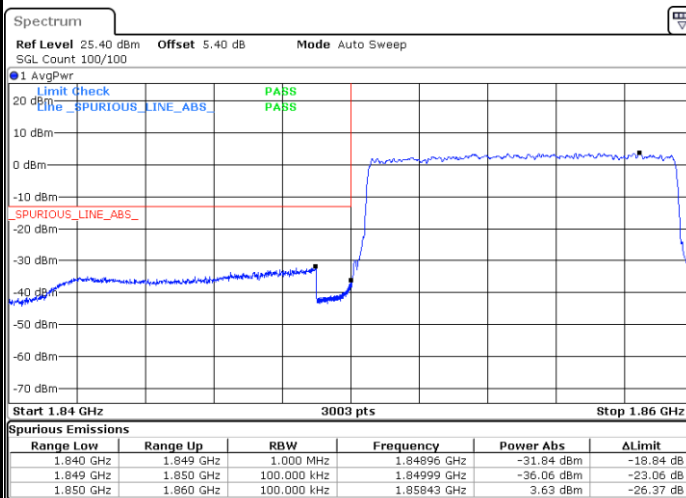
Lowest Band Edge / 1 RB



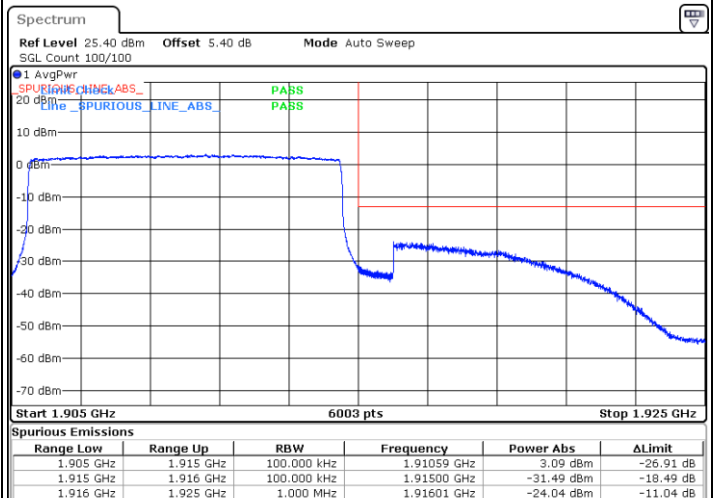
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



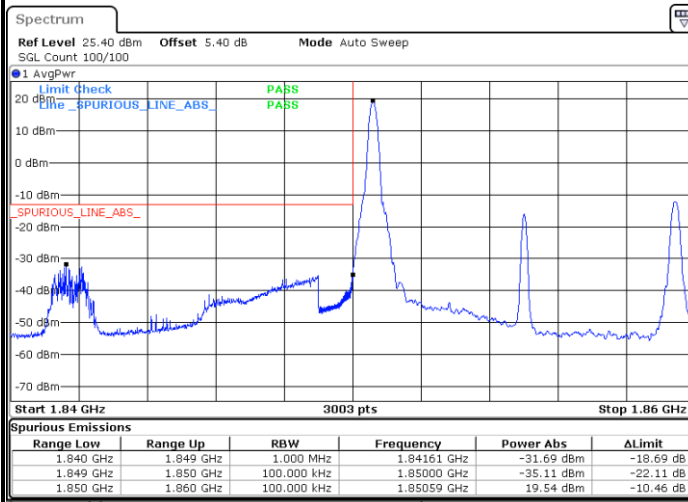
Highest Band Edge / Full RB



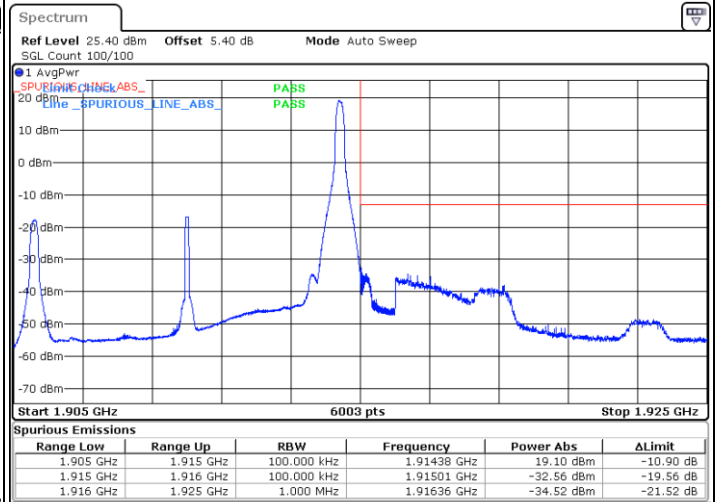


LTE Band 25 / 10MHz / 16QAM

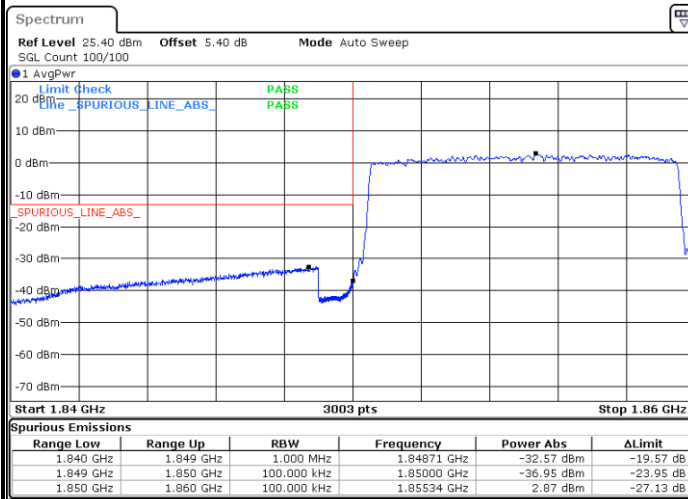
Lowest Band Edge / 1 RB



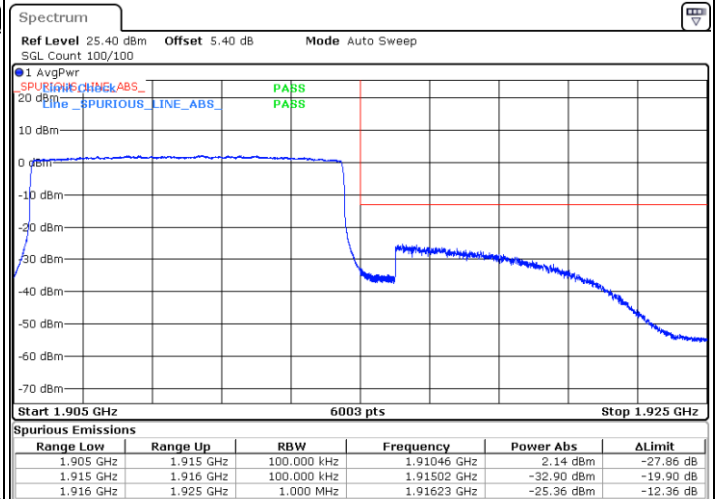
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



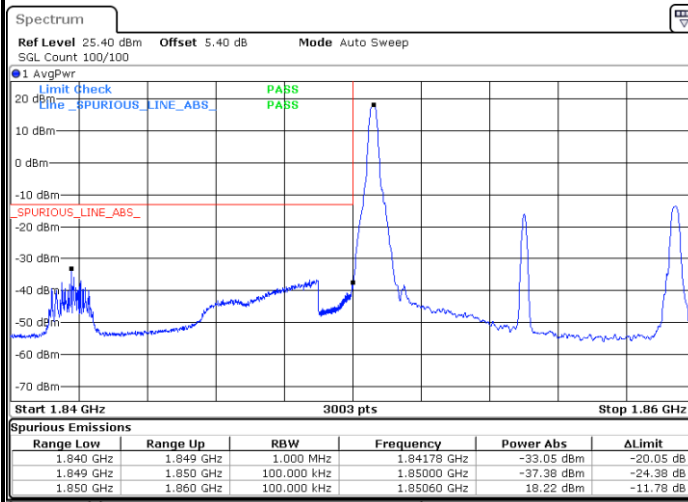
Highest Band Edge / Full RB



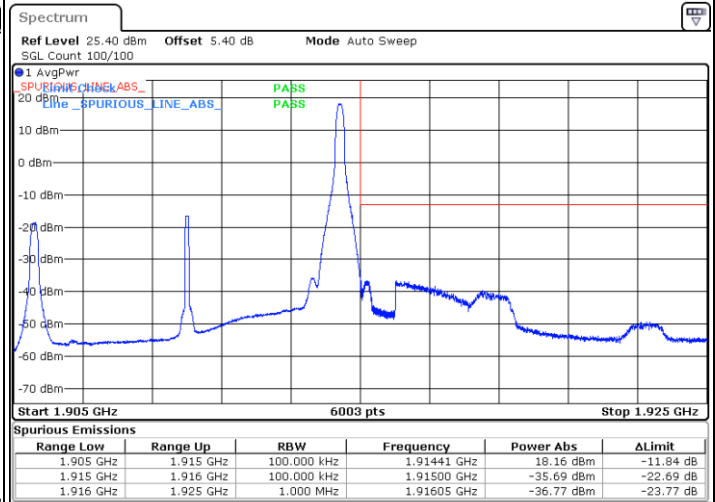


LTE Band 25 / 10MHz / 64QAM

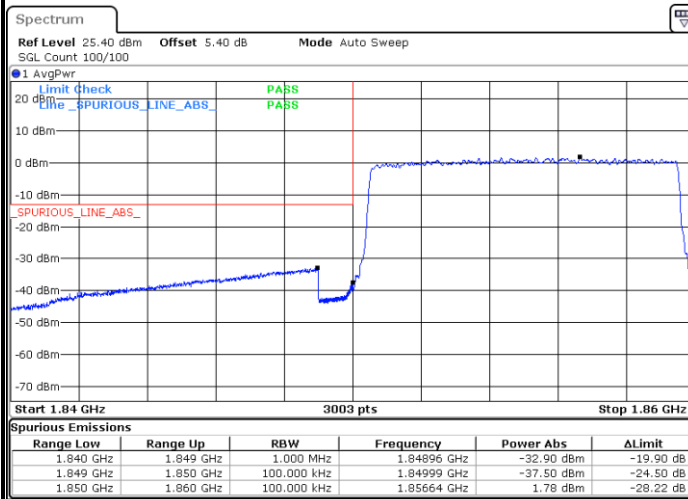
Lowest Band Edge / 1 RB



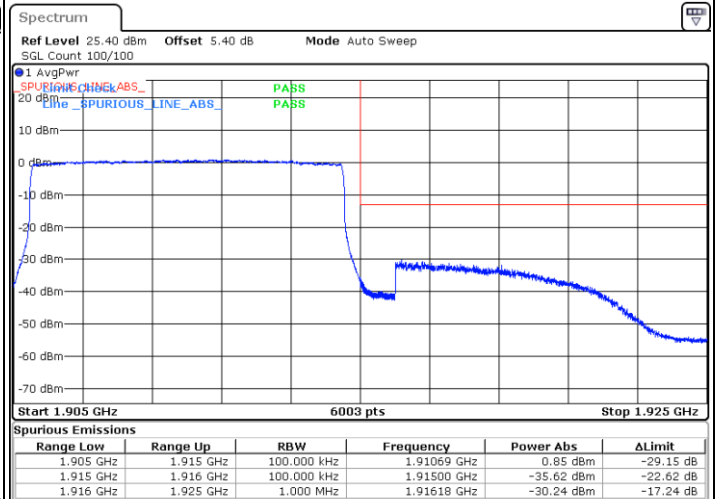
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



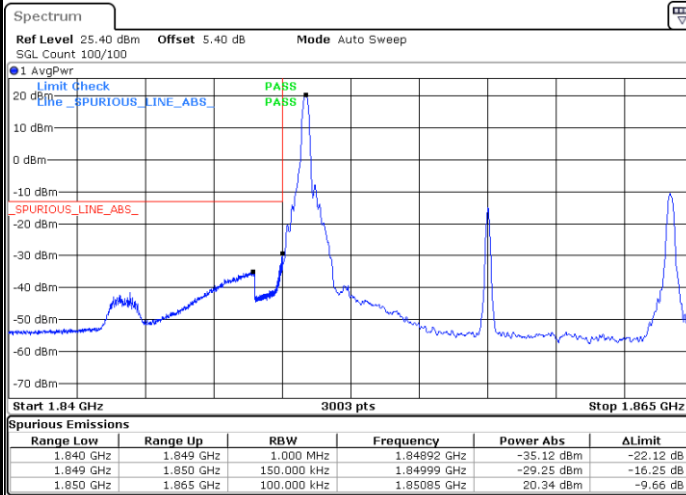
Highest Band Edge / Full RB



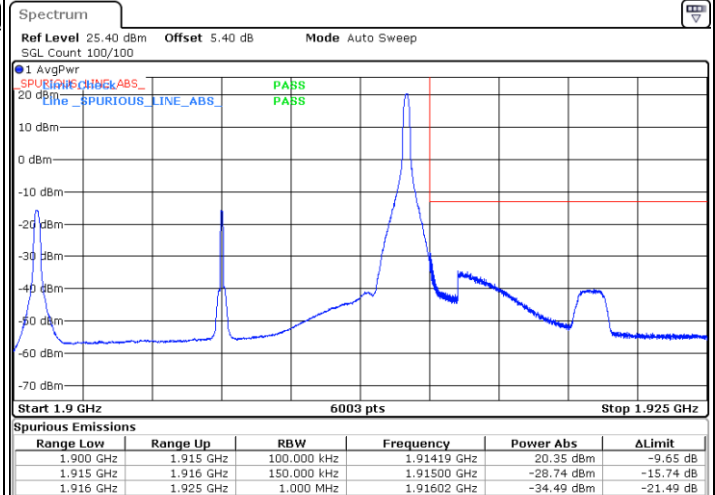


LTE Band 25 / 15MHz / QPSK

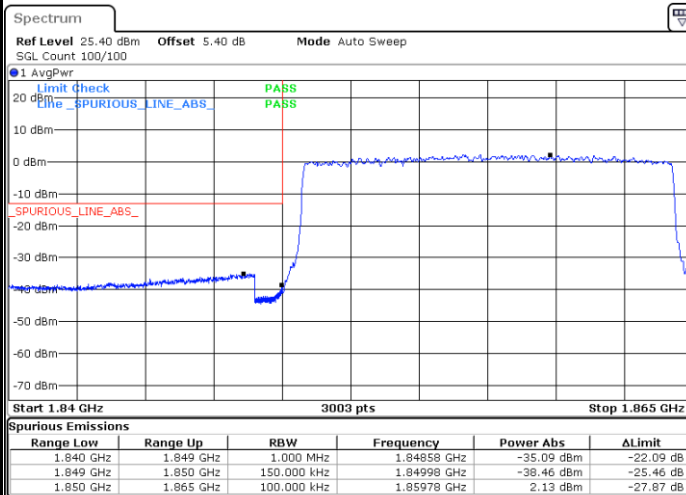
Lowest Band Edge / 1 RB



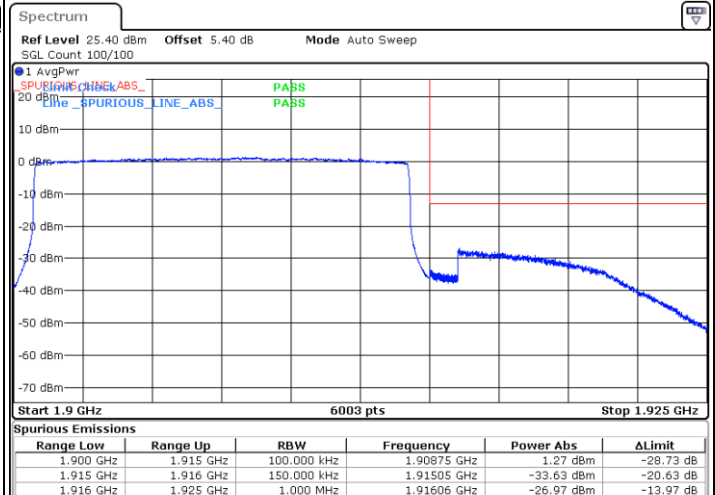
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



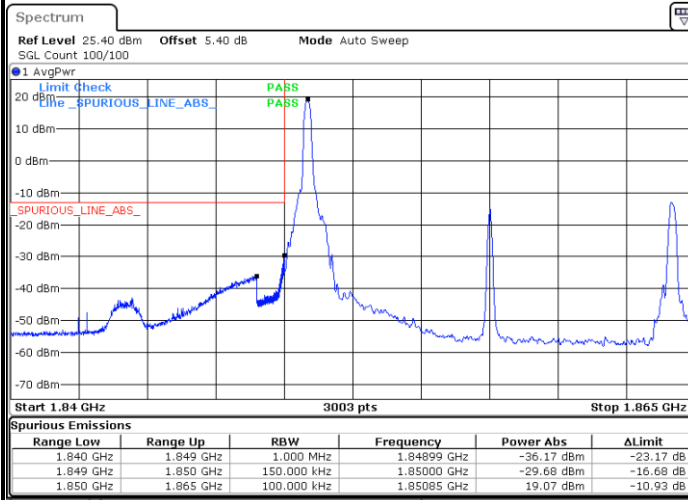
Highest Band Edge / Full RB



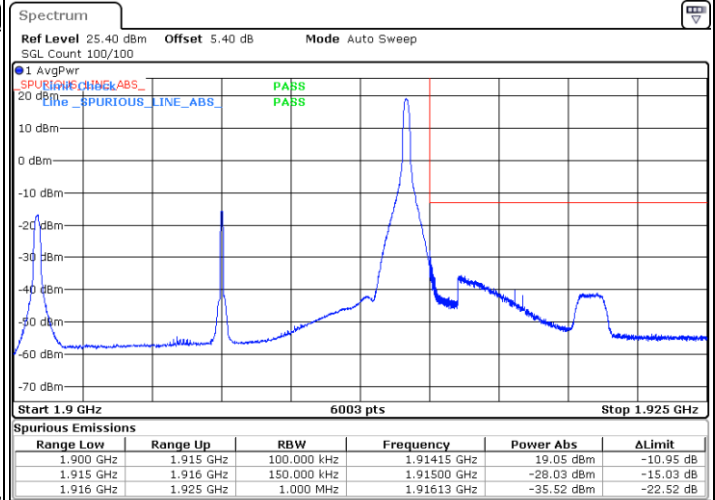


LTE Band 25 / 15MHz / 16QAM

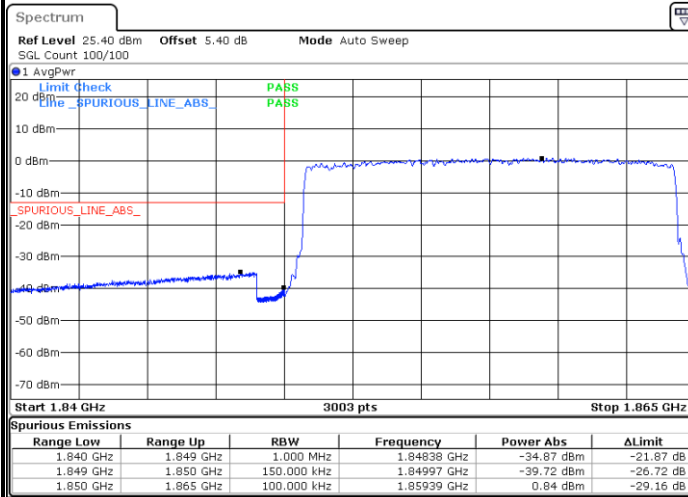
Lowest Band Edge / 1 RB



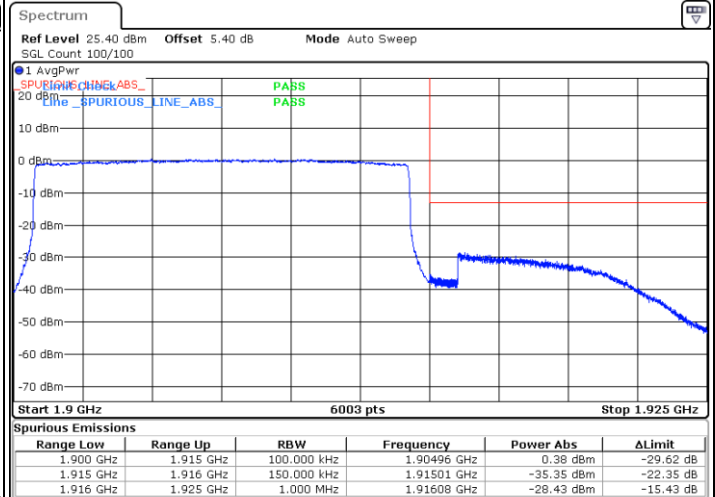
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



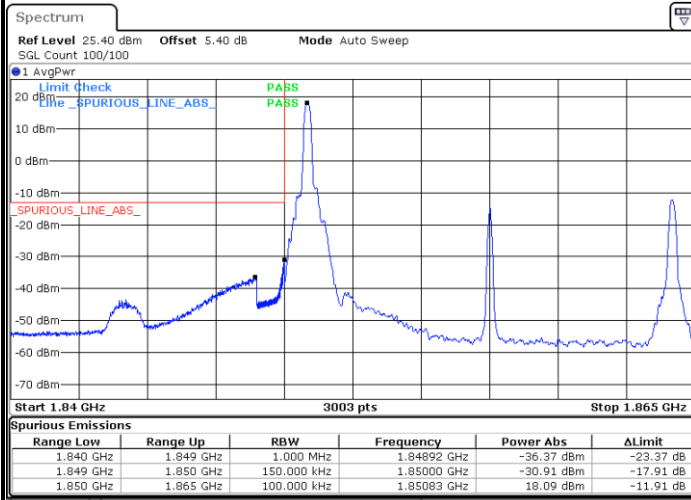
Highest Band Edge / Full RB



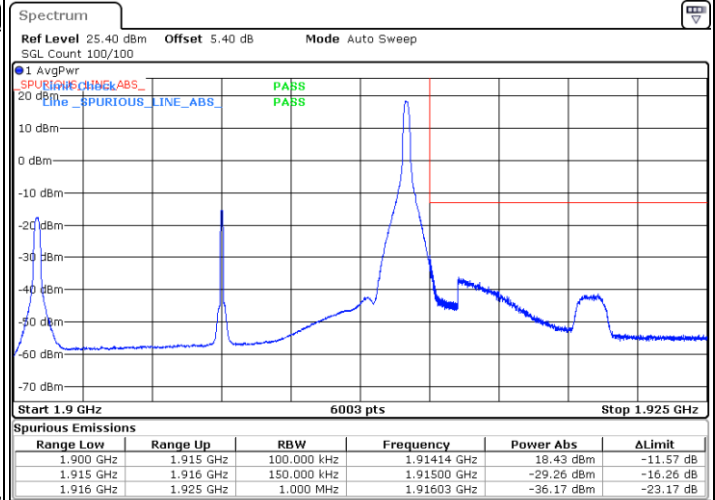


LTE Band 25 / 15MHz / 64QAM

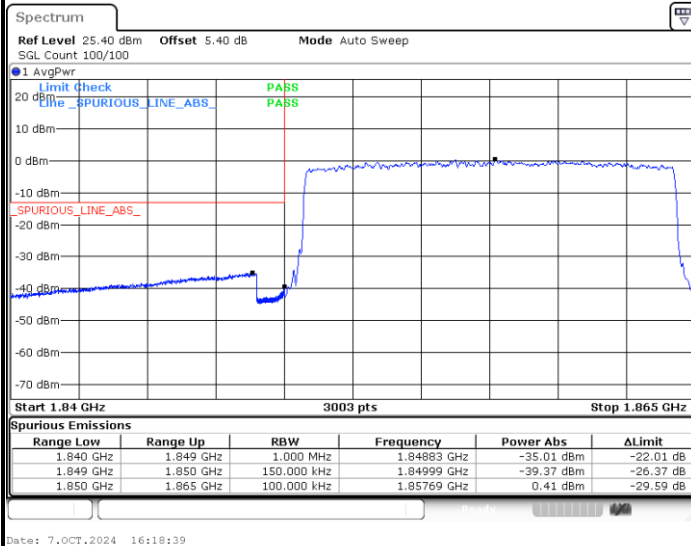
Lowest Band Edge / 1 RB



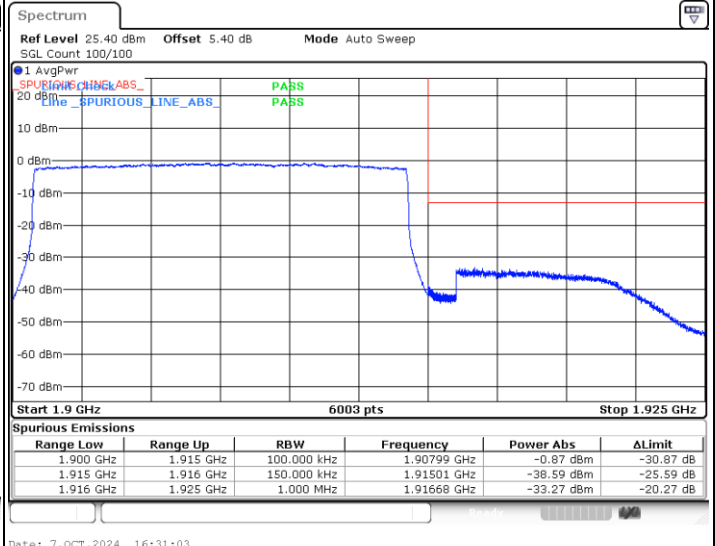
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



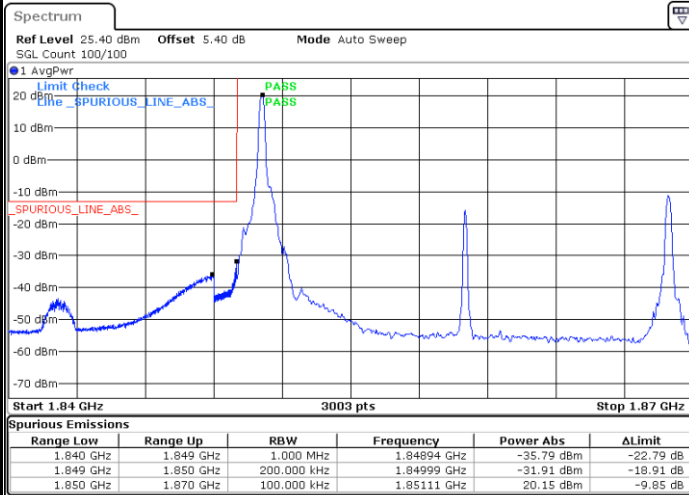
Highest Band Edge / Full RB



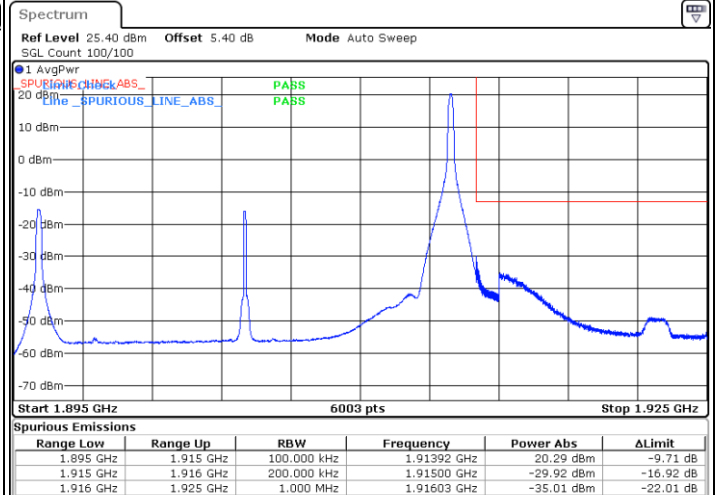


LTE Band 25 / 20MHz / QPSK

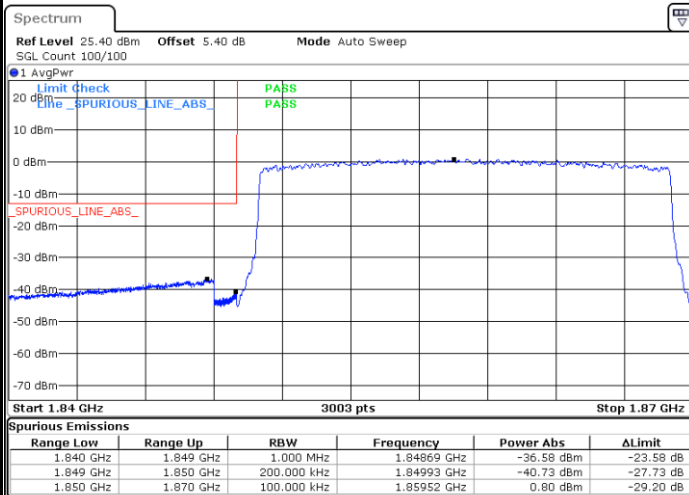
Lowest Band Edge / 1 RB



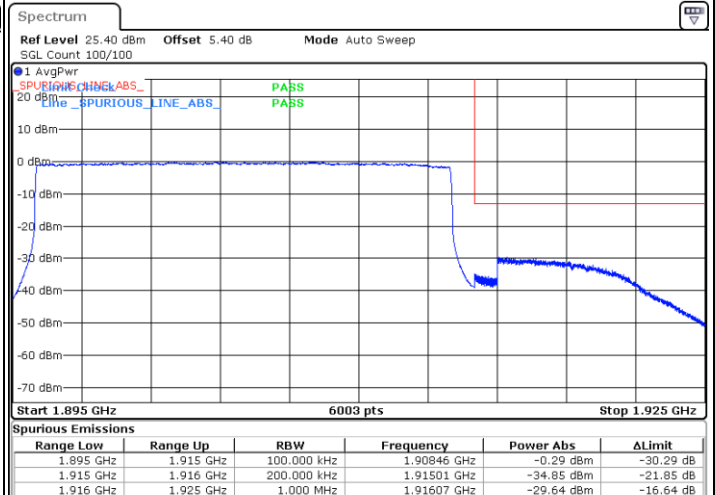
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



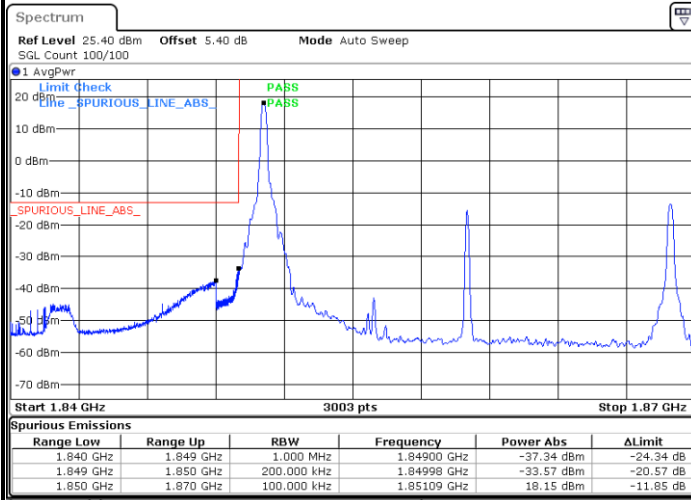
Highest Band Edge / Full RB



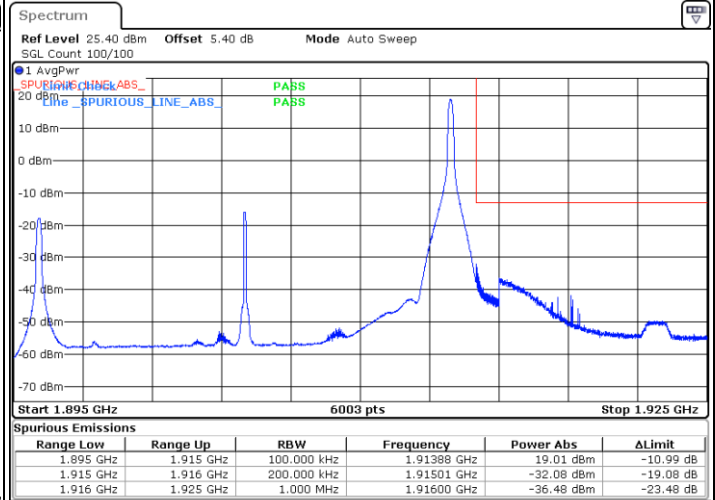


LTE Band 25 / 20MHz / 16QAM

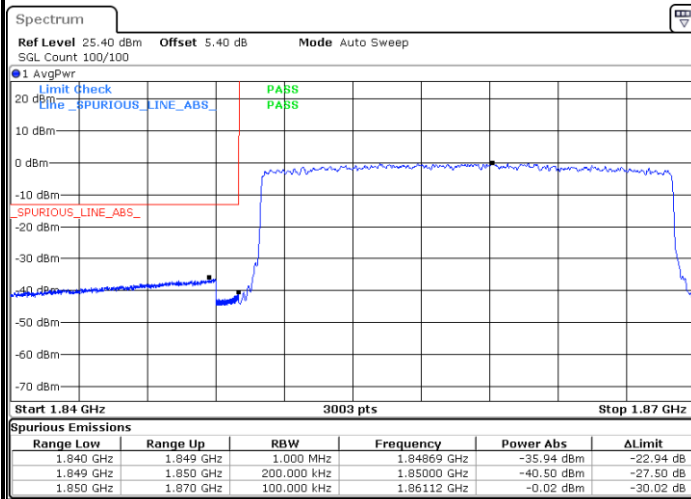
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



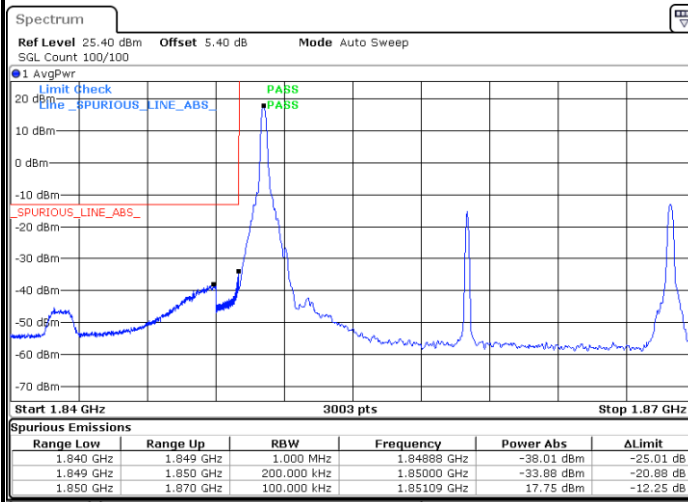
Highest Band Edge / Full RB



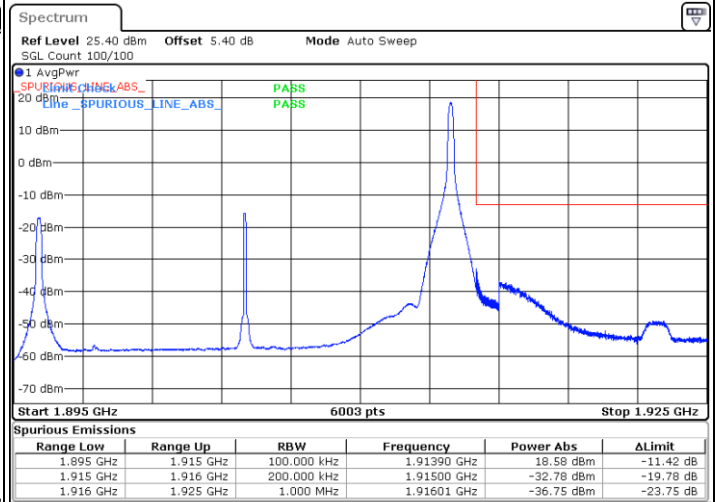


LTE Band 25 / 20MHz / 64QAM

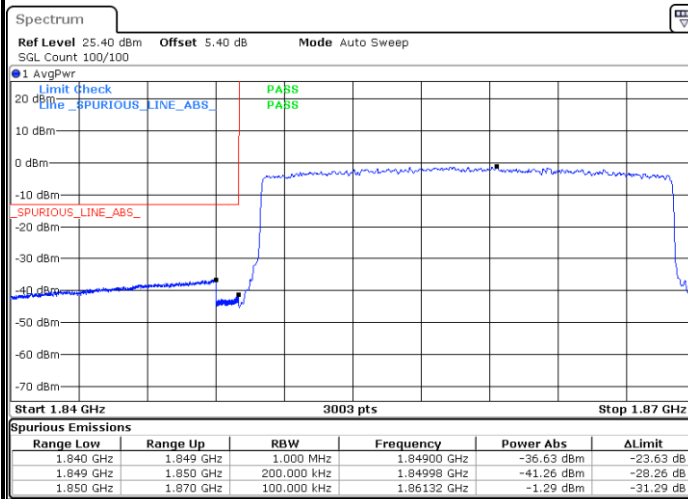
Lowest Band Edge / 1 RB



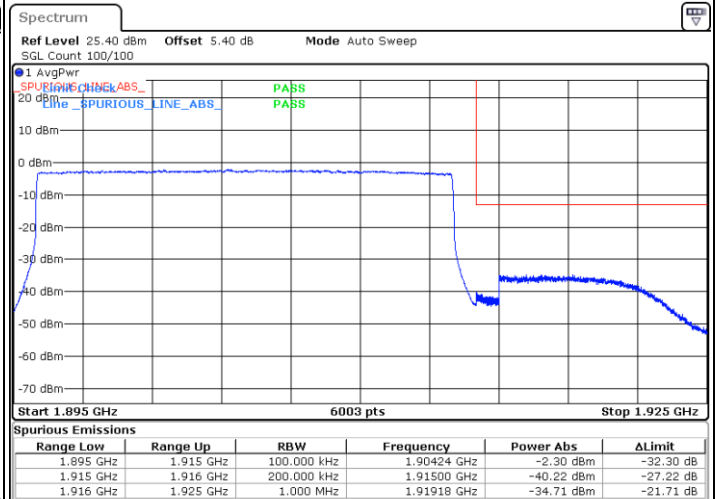
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

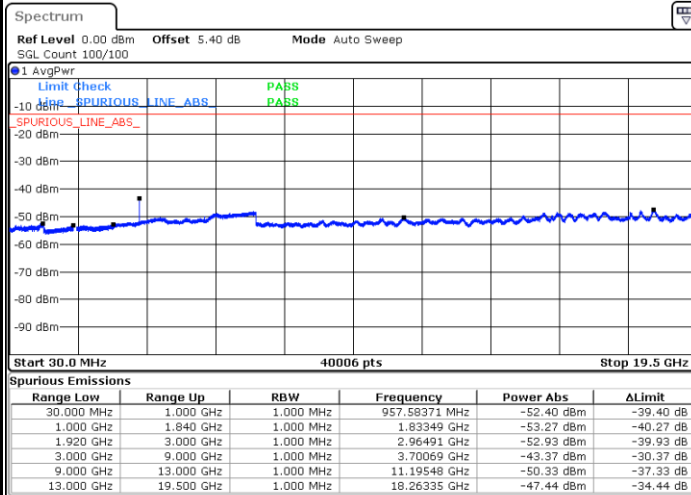




Conducted Spurious Emission

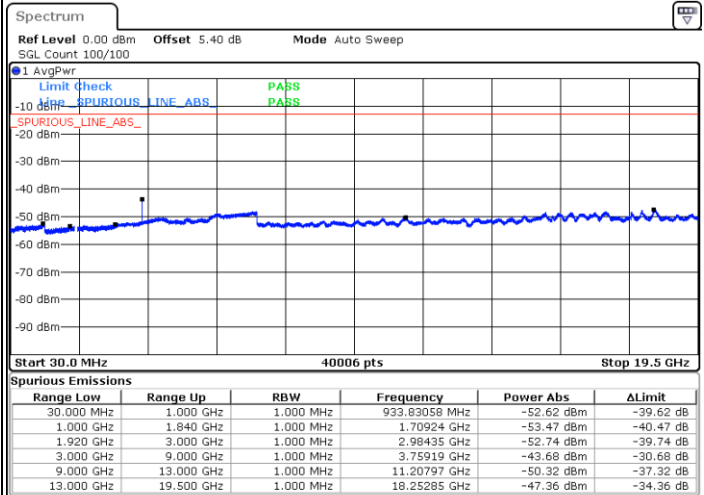
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



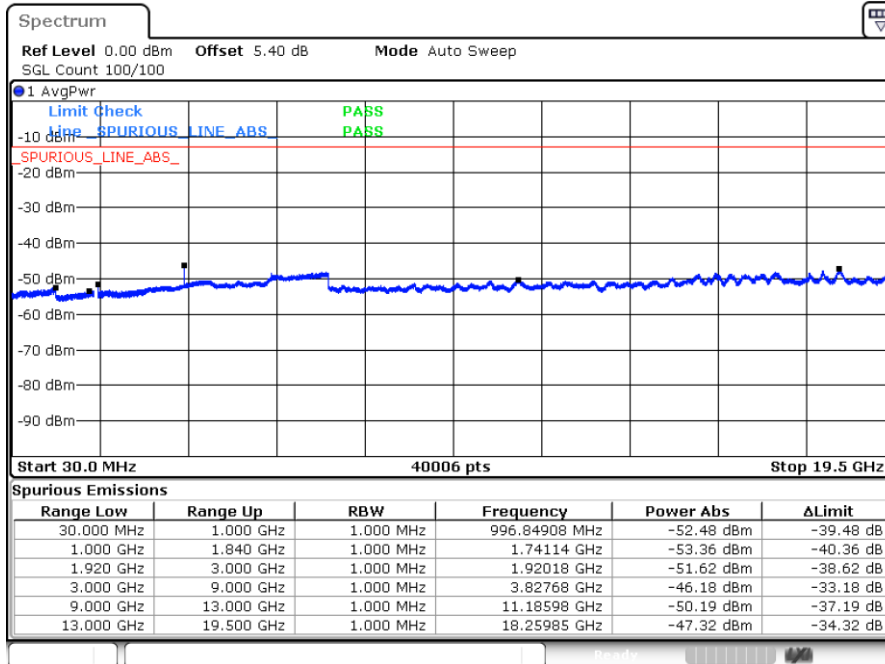
Date: 7.OCT.2024 14:36:43

Middle Channel / QPSK



Date: 7.OCT.2024 14:49:45

Highest Channel / QPSK



Date: 7.OCT.2024 14:51:17