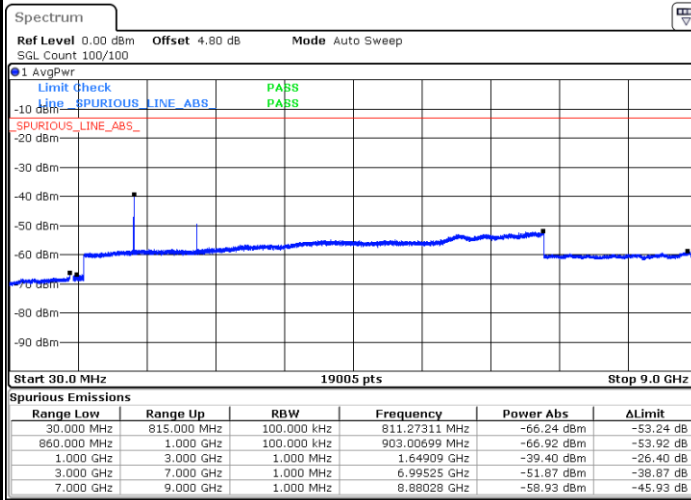




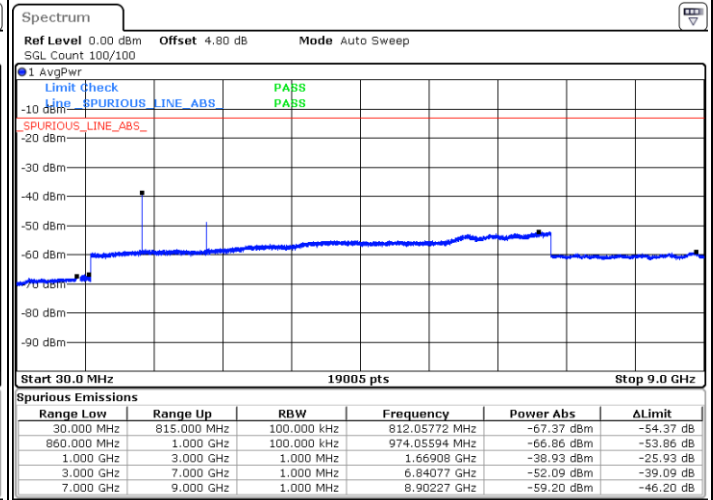
LTE Band 26 / 5MHz

Lowest Channel / QPSK



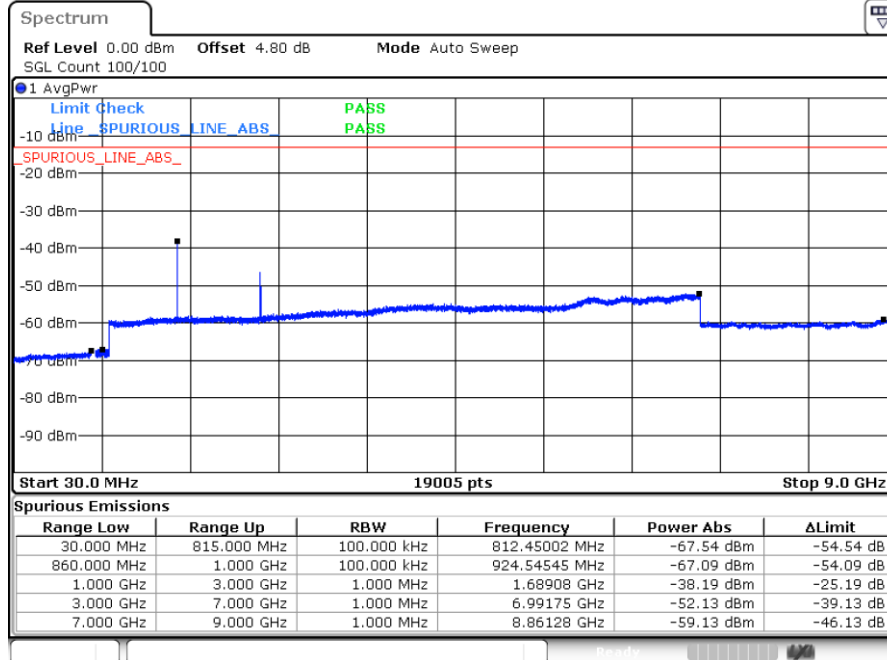
Date: 7.OCT.2024 20:01:01

Middle Channel / QPSK



Date: 7.OCT.2024 20:11:22

Highest Channel / QPSK

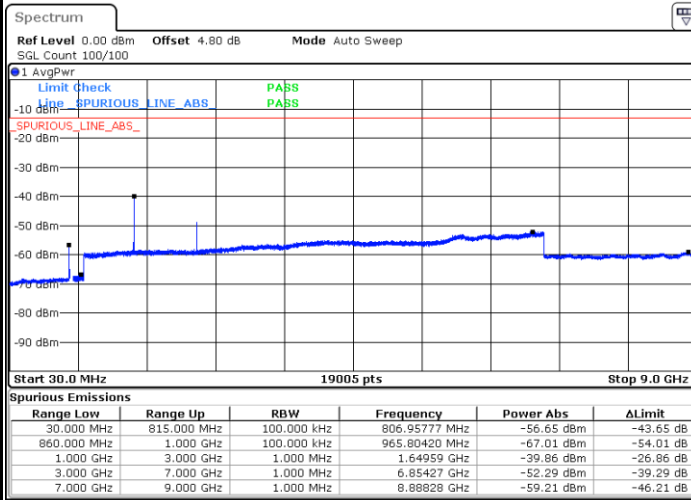


Date: 7.OCT.2024 20:12:10



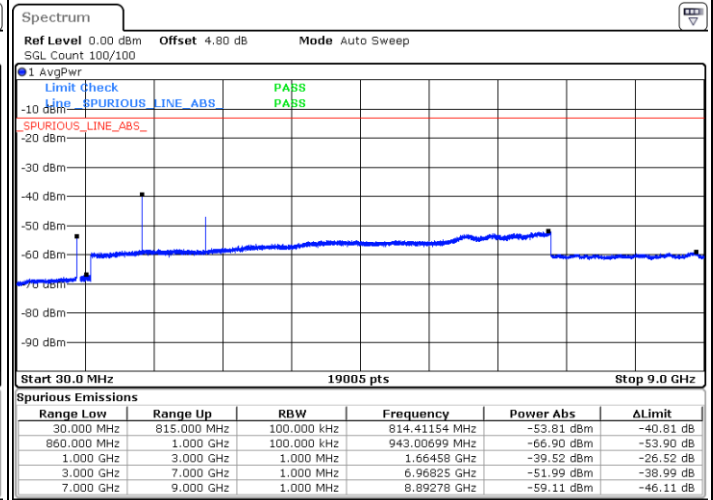
LTE Band 26 / 10MHz

Lowest Channel / QPSK



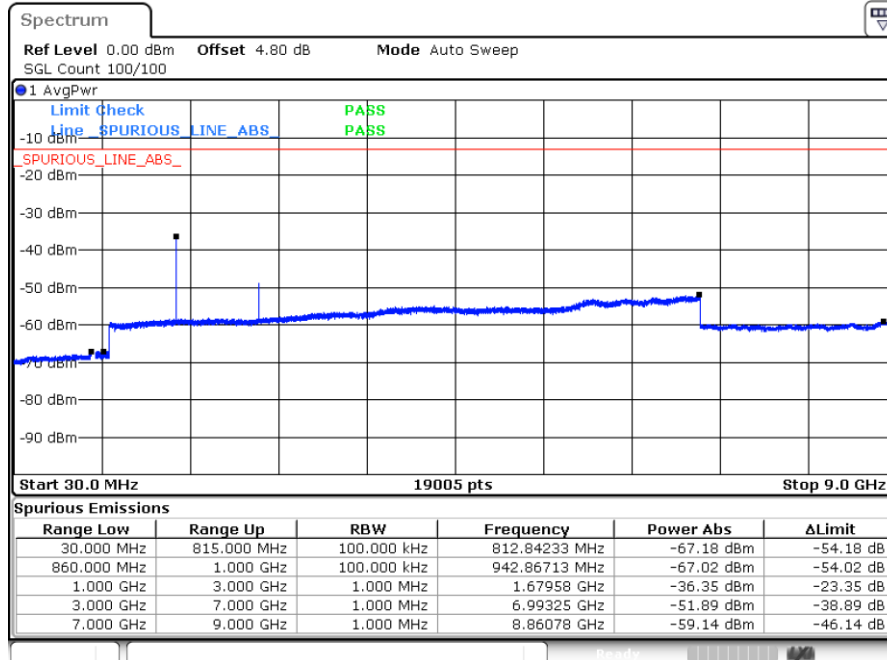
Date: 7.OCT.2024 20:22:33

Middle Channel / QPSK



Date: 7.OCT.2024 20:32:54

Highest Channel / QPSK

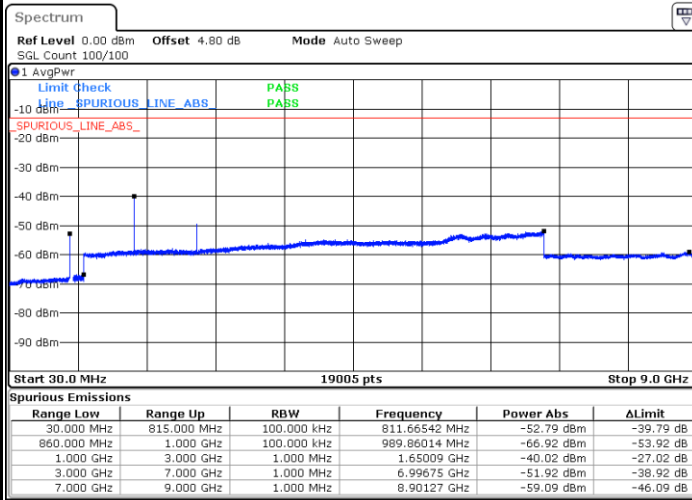


Date: 7.OCT.2024 20:33:41



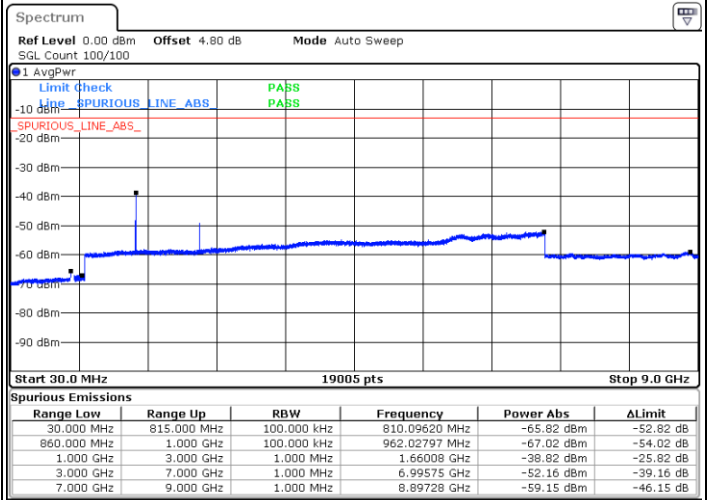
LTE Band 26 / 15MHz

Lowest Channel / QPSK



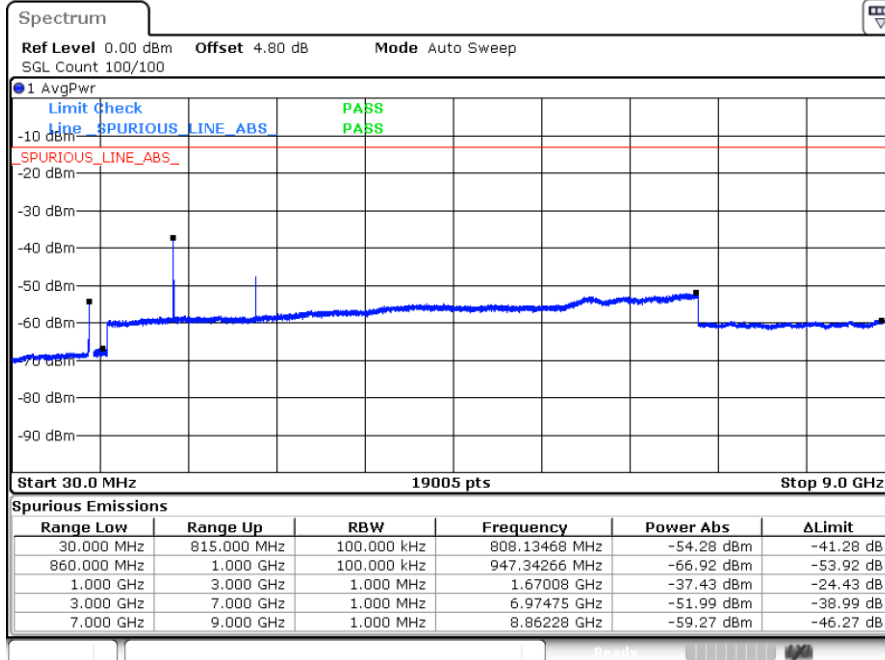
Date: 7.OCT.2024 20:44:08

Middle Channel / QPSK



Date: 7.OCT.2024 20:54:47

Highest Channel / QPSK



Date: 7.OCT.2024 20:55:46

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

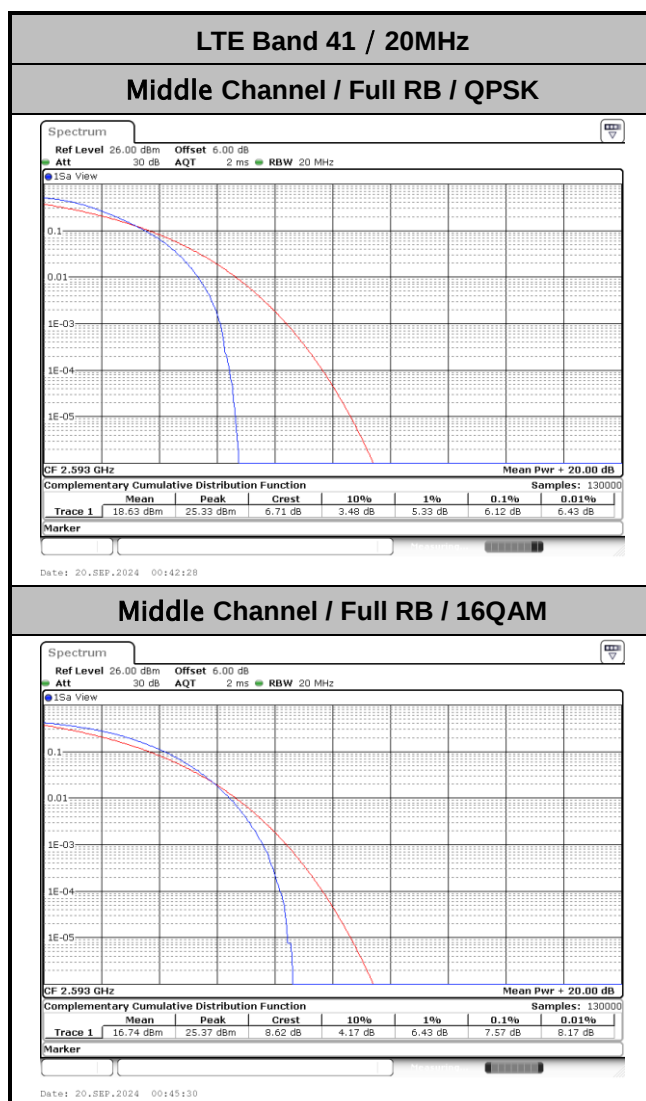
1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.4 V. ; Maximum Voltage =8.33 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

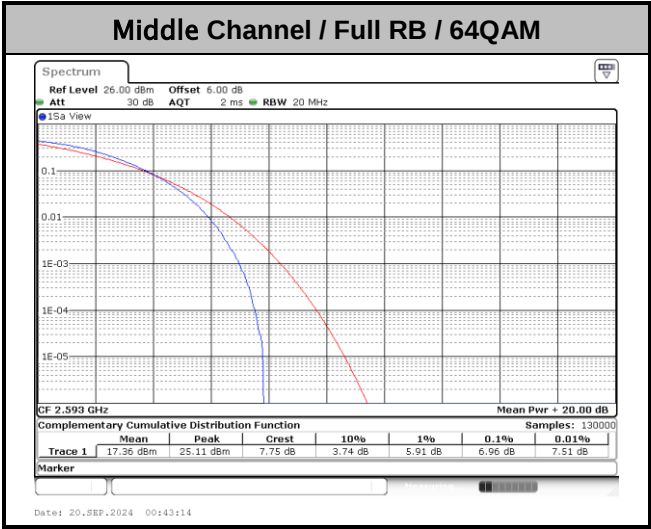


LTE Band 41

Peak-to-Average Ratio

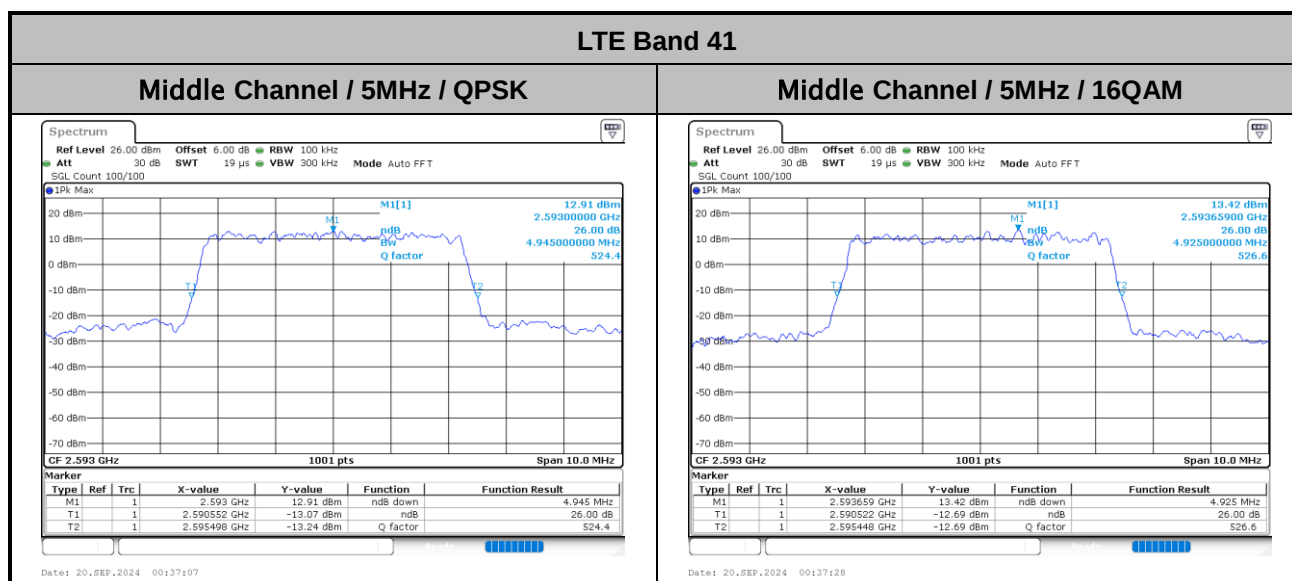
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.12	7.57	6.96	PASS





**26dB Bandwidth**

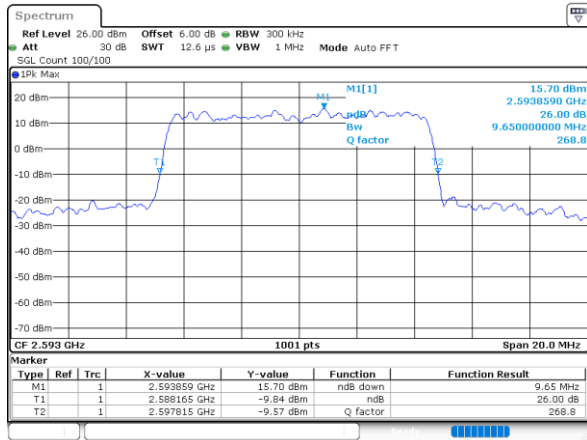
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.95	4.93
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	9.73
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.18	14.30
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.06	18.94





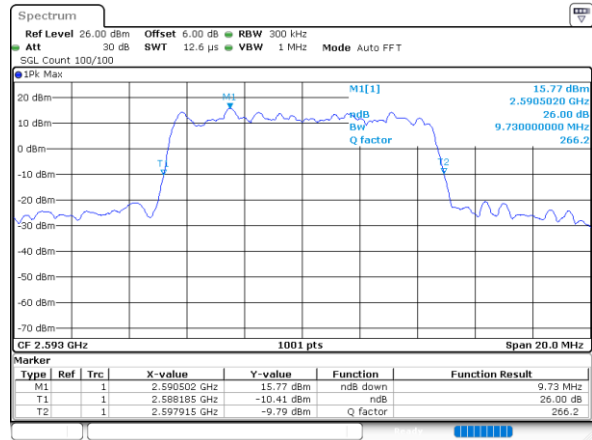
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 20_SEP.2024 00:38:32

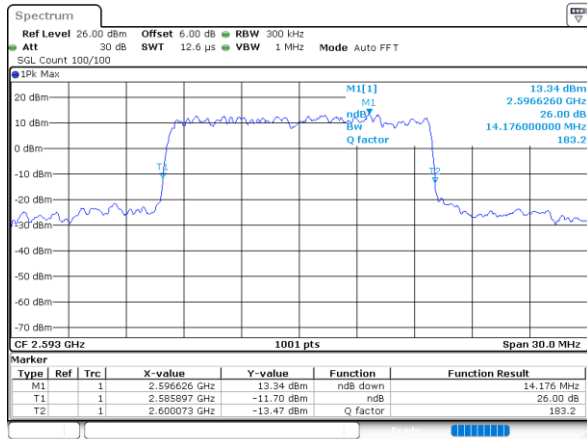
Middle Channel / 10MHz / 16QAM



Date: 20_SEP.2024 00:38:54

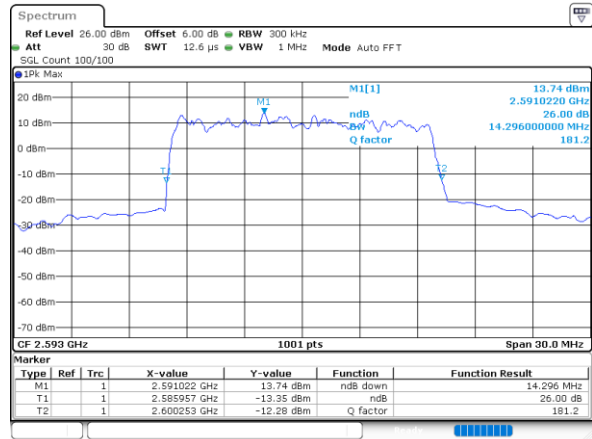
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 20_SEP.2024 00:39:58

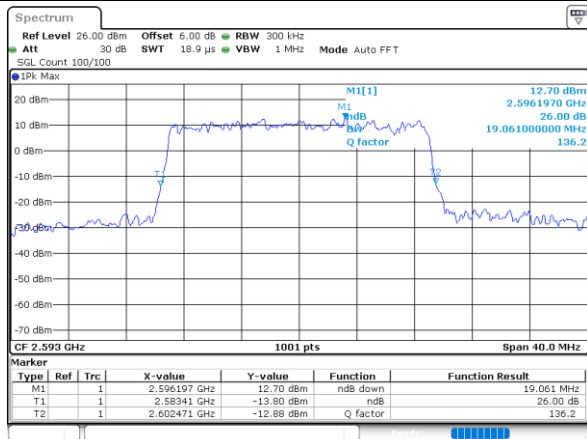
Middle Channel / 15MHz / 16QAM



Date: 20_SEP.2024 00:40:19

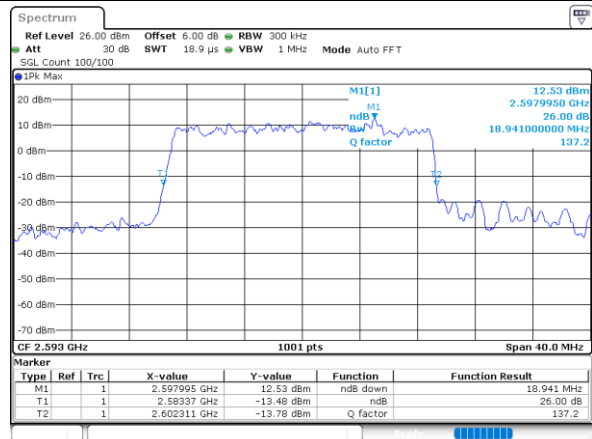
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 20_SEP.2024 00:41:23

Middle Channel / 20MHz / 16QAM

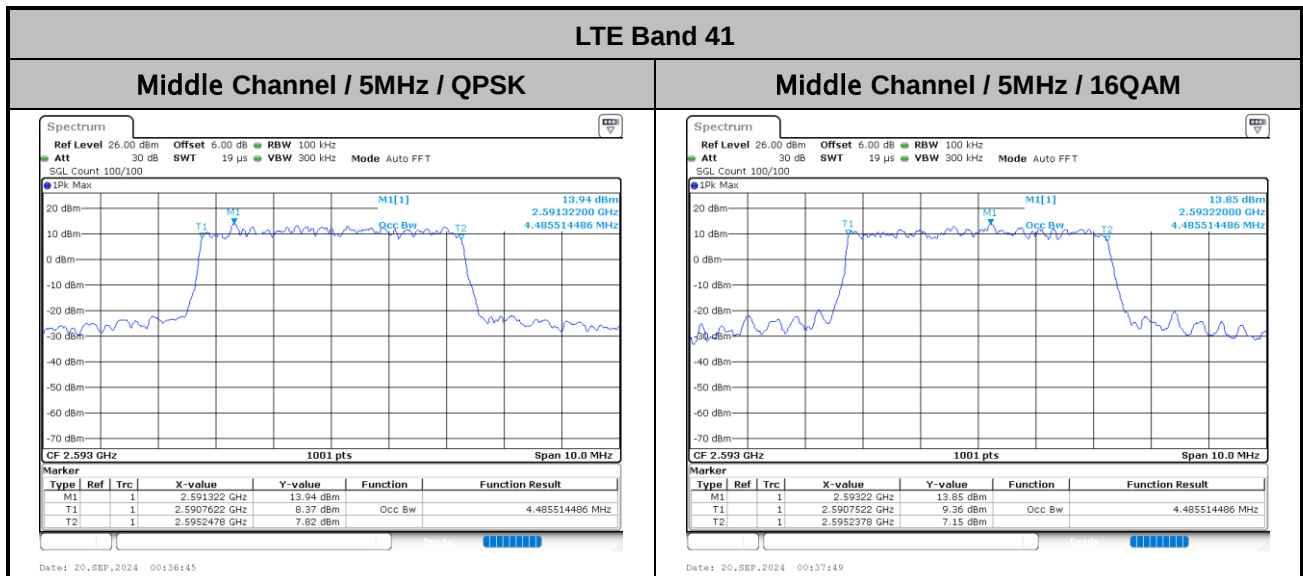


Date: 20_SEP.2024 00:41:45



Occupied Bandwidth

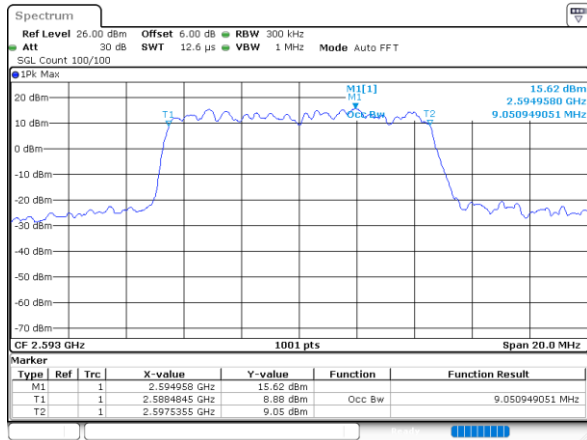
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.07
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.52	13.37
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.82



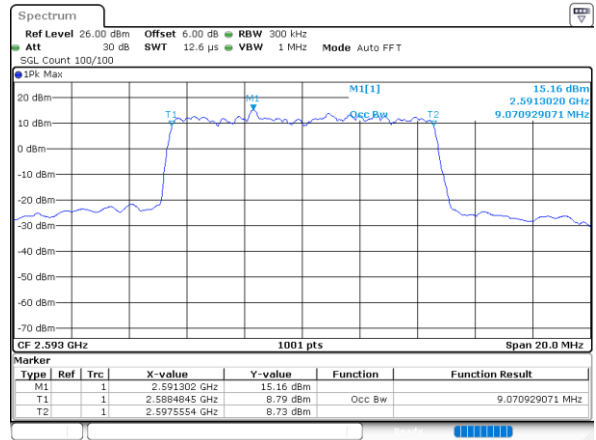


LTE Band 41

Middle Channel / 10MHz / QPSK

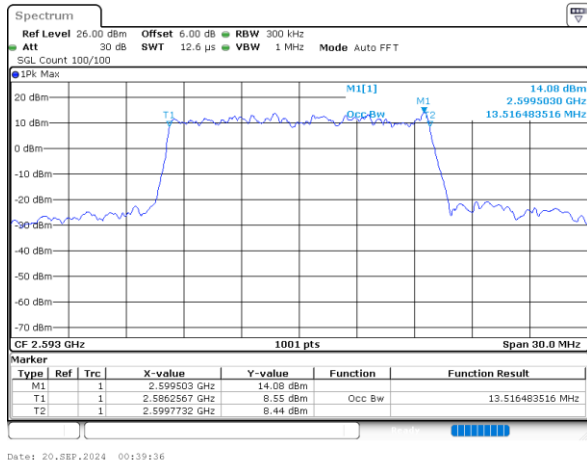


Middle Channel / 10MHz / 16QAM

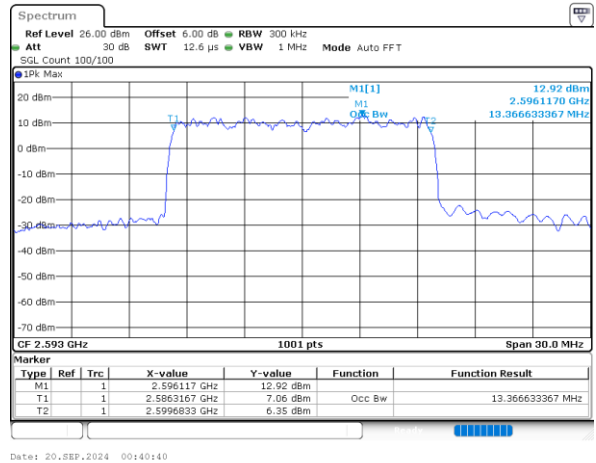


LTE Band 41

Middle Channel / 15MHz / QPSK

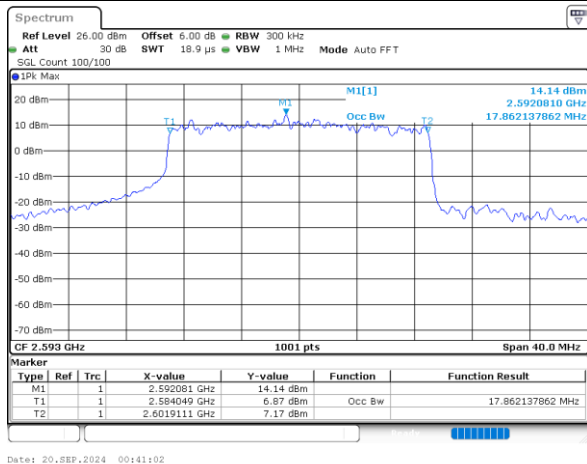


Middle Channel / 15MHz / 16QAM

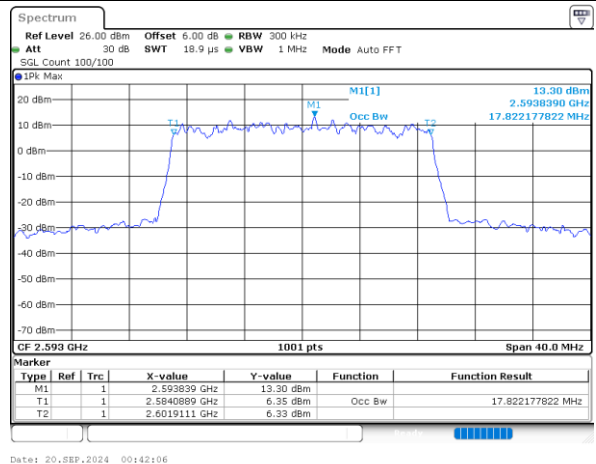


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

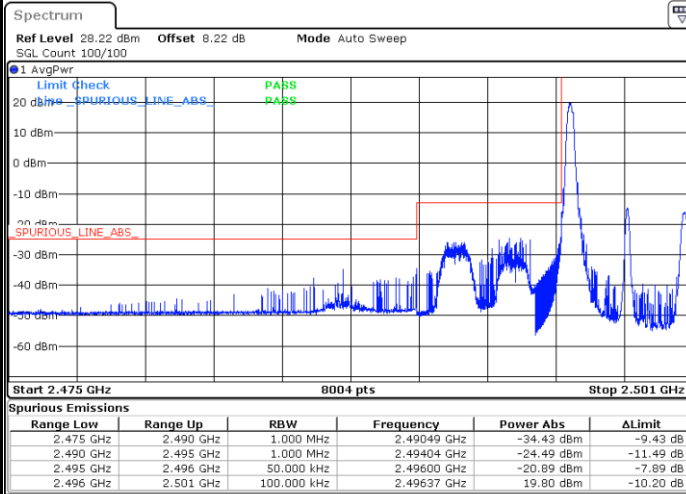




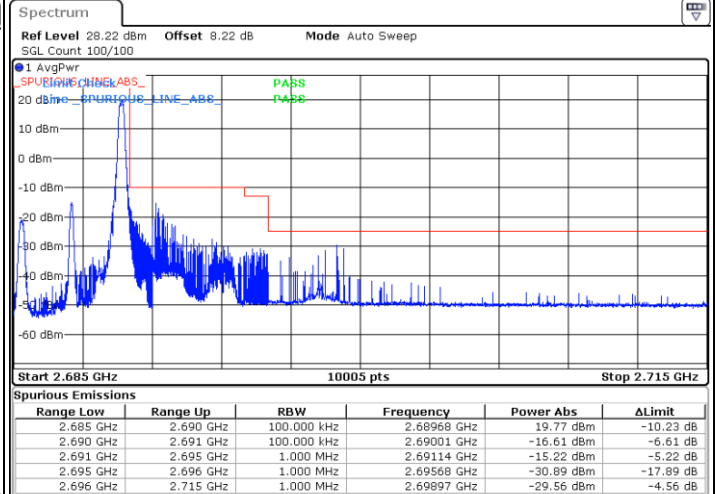
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

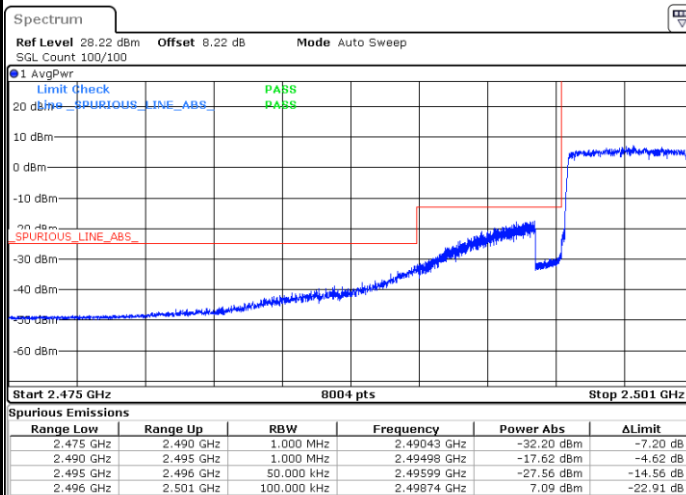
Lowest Band Edge / 1 RB



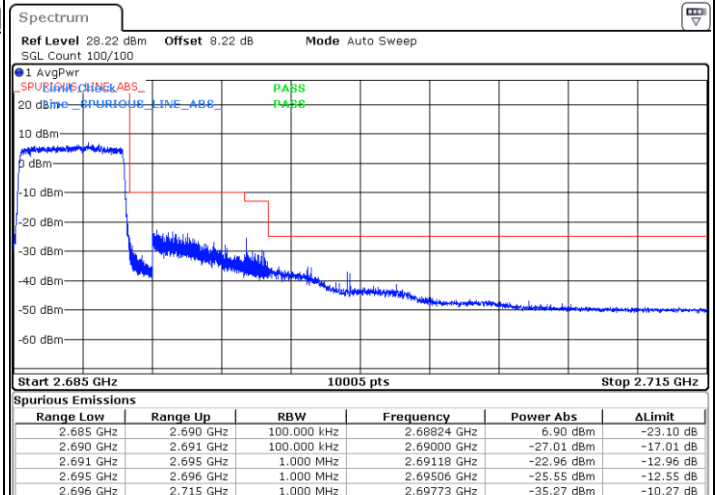
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



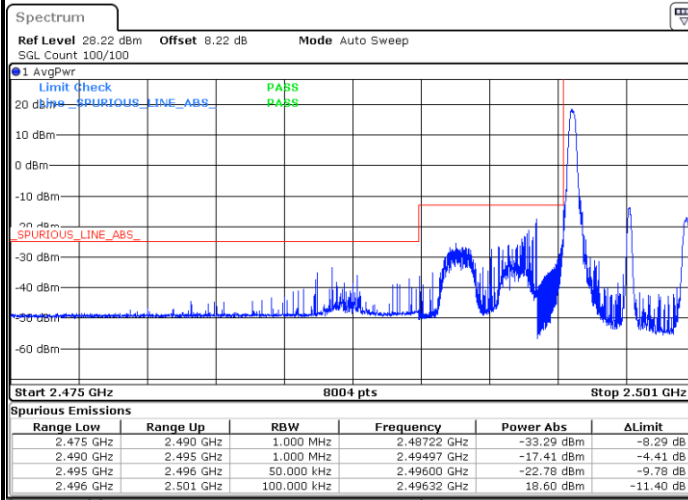
Highest Band Edge / Full RB





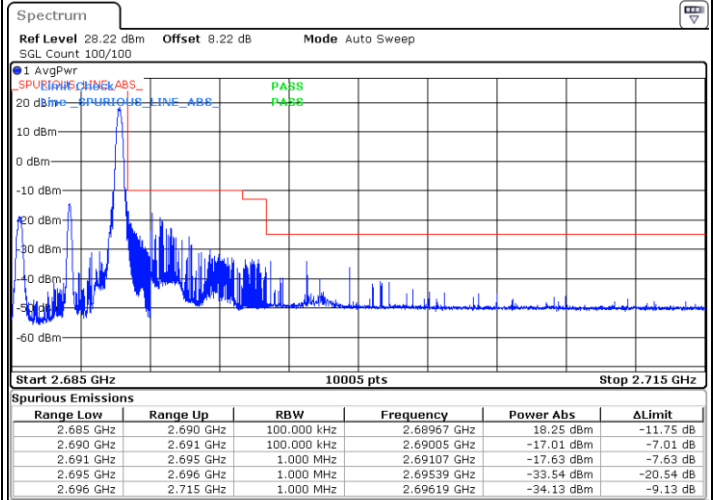
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



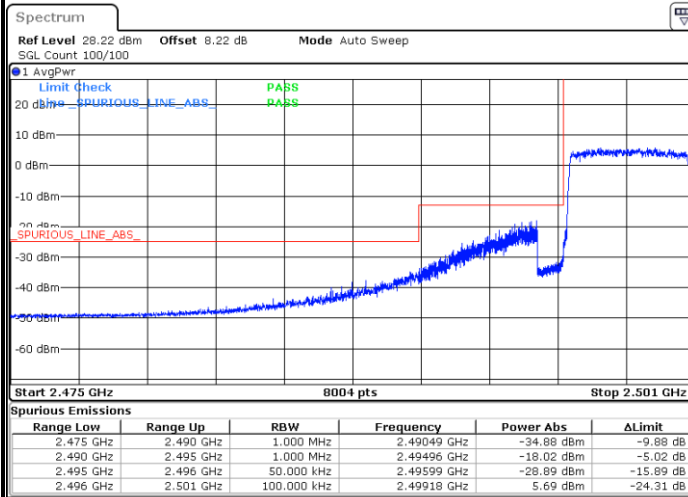
Date: 19.SEP.2024 22:28:03

Highest Band Edge / 1 RB



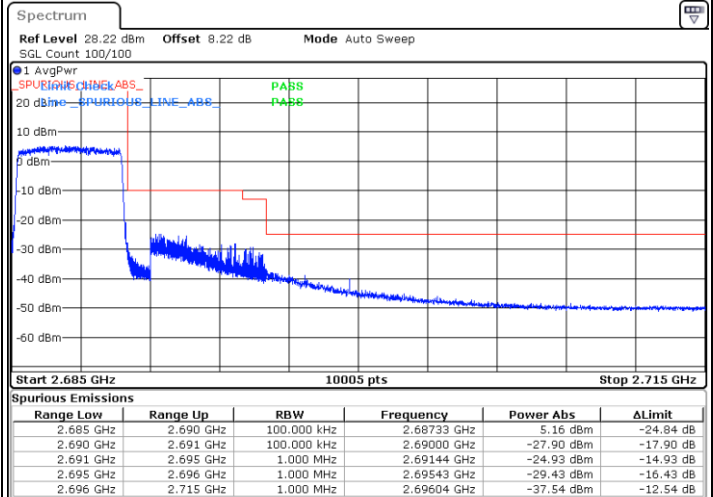
Date: 19.SEP.2024 22:44:34

Lowest Band Edge / Full RB



Date: 19.SEP.2024 22:40:22

Highest Band Edge / Full RB

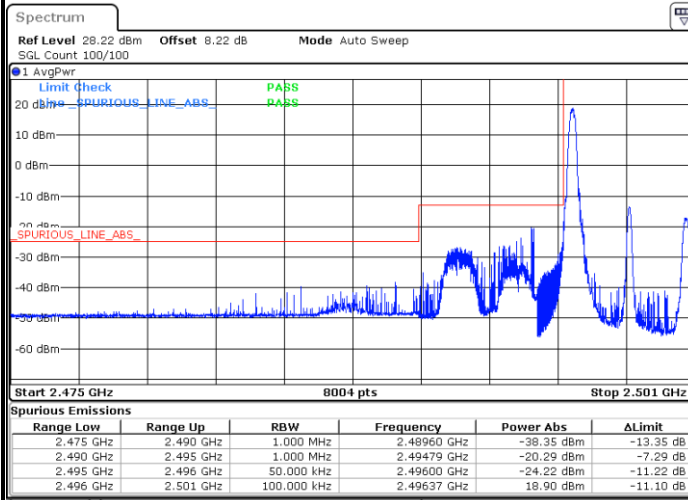


Date: 19.SEP.2024 22:49:16



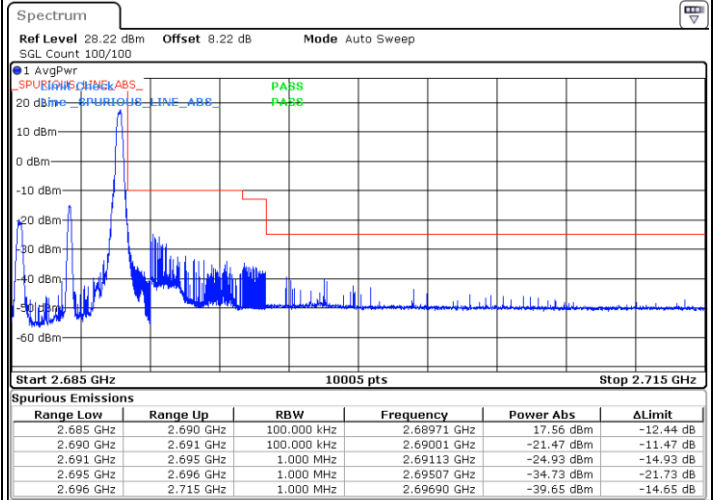
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



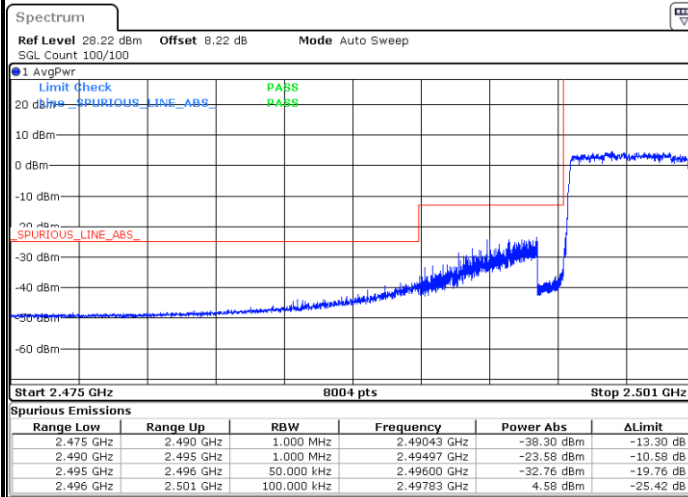
Date: 19.SEP.2024 22:28:44

Highest Band Edge / 1 RB



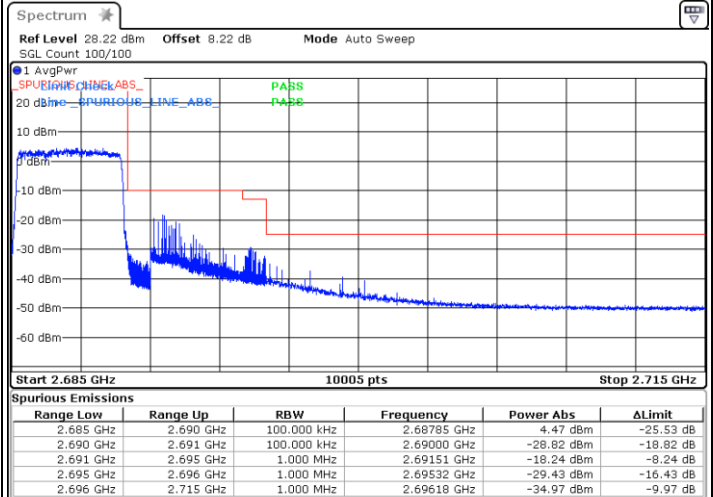
Date: 19.SEP.2024 22:45:15

Lowest Band Edge / Full RB



Date: 19.SEP.2024 22:39:41

Highest Band Edge / Full RB

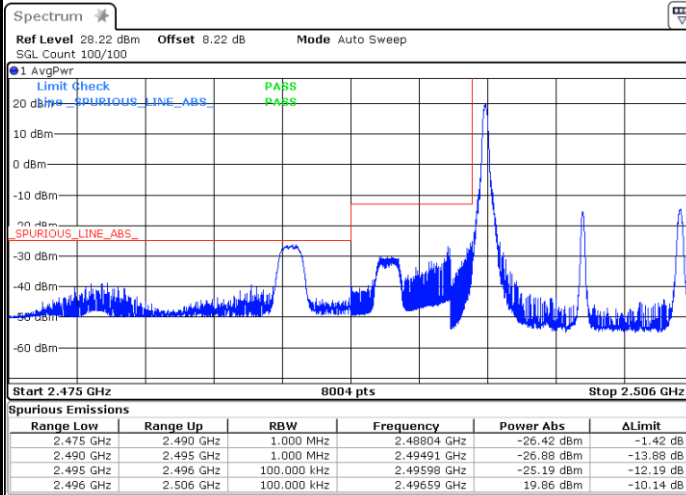


Date: 19.SEP.2024 22:48:35

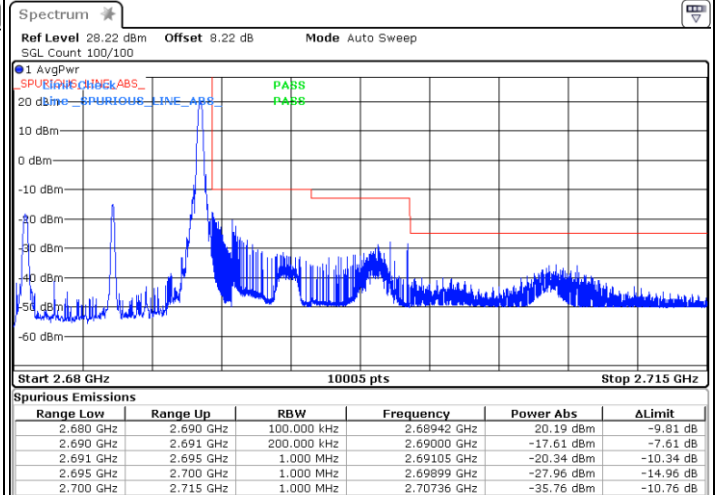


LTE Band 41 / 10MHz / QPSK

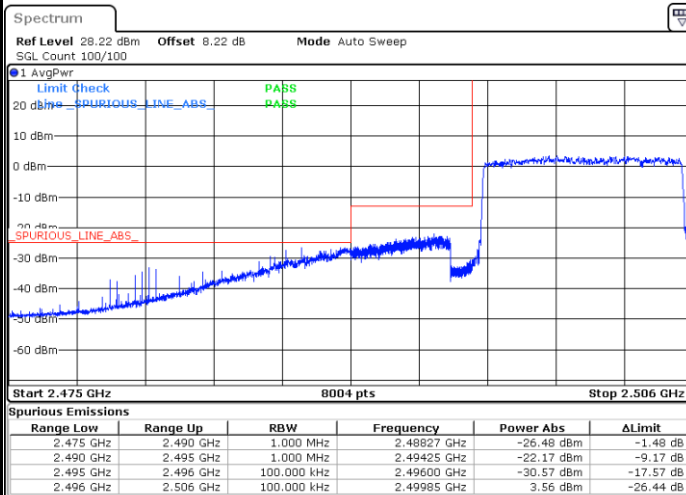
Lowest Band Edge / 1 RB



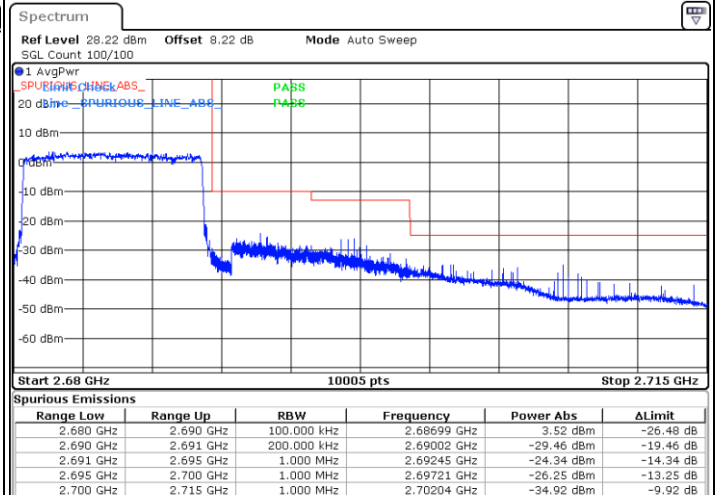
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



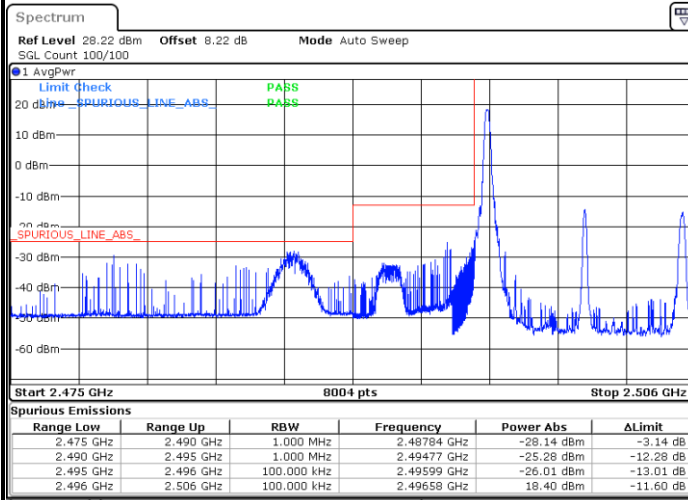
Highest Band Edge / Full RB



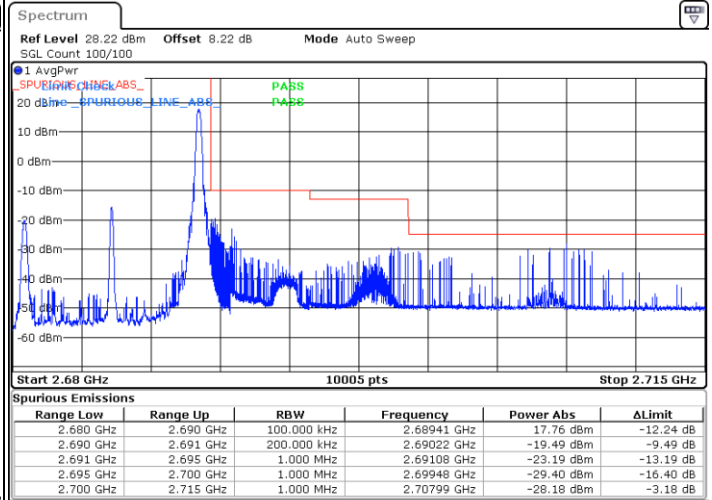


LTE Band 41 / 10MHz / 16QAM

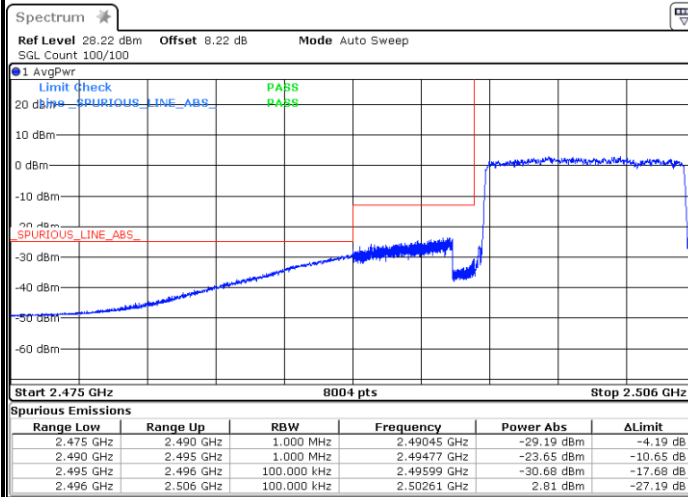
Lowest Band Edge / 1 RB



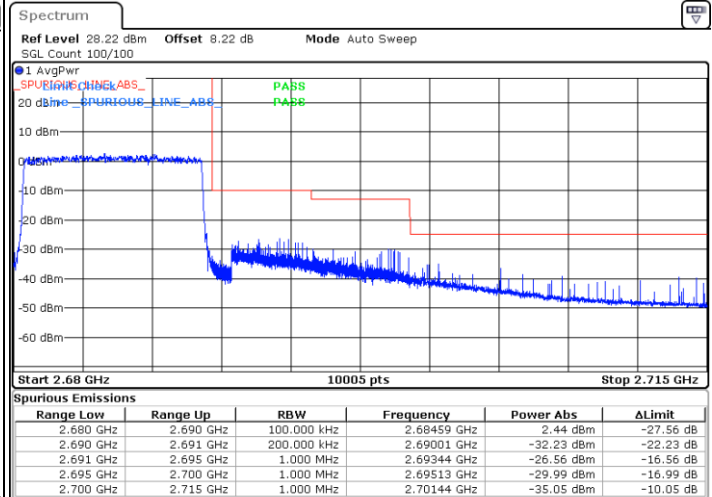
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



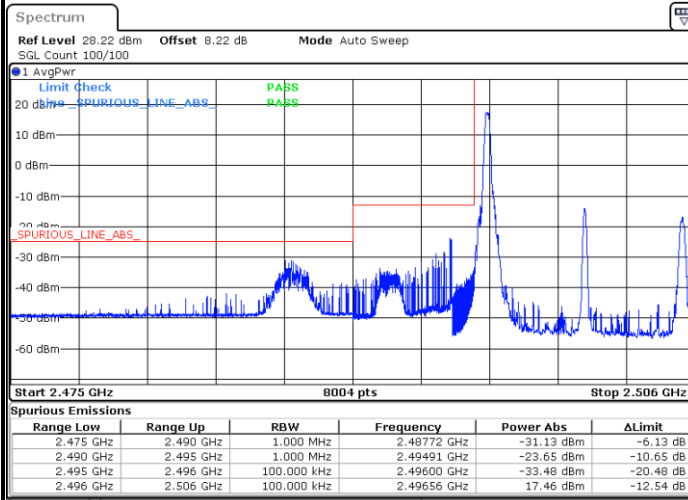
Highest Band Edge / Full RB



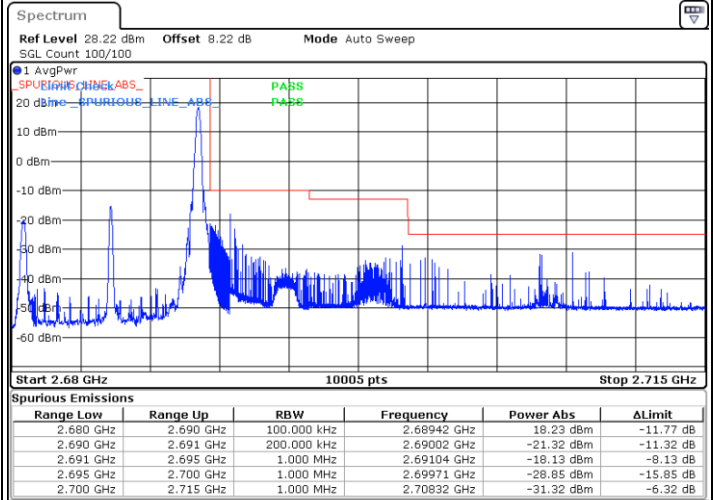


LTE Band 41 / 10MHz / 64QAM

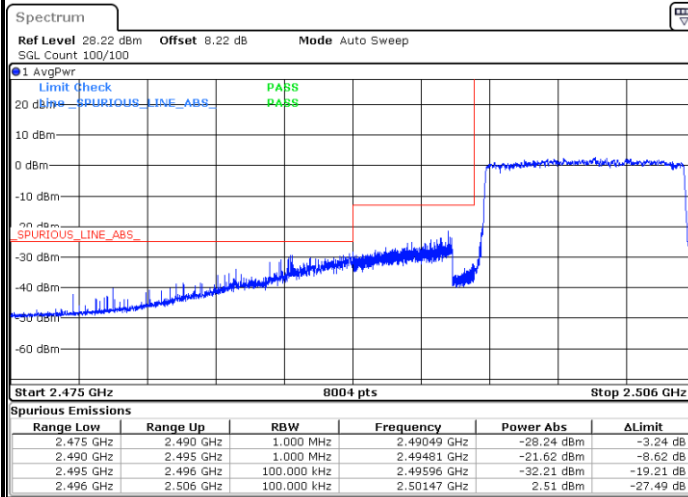
Lowest Band Edge / 1 RB



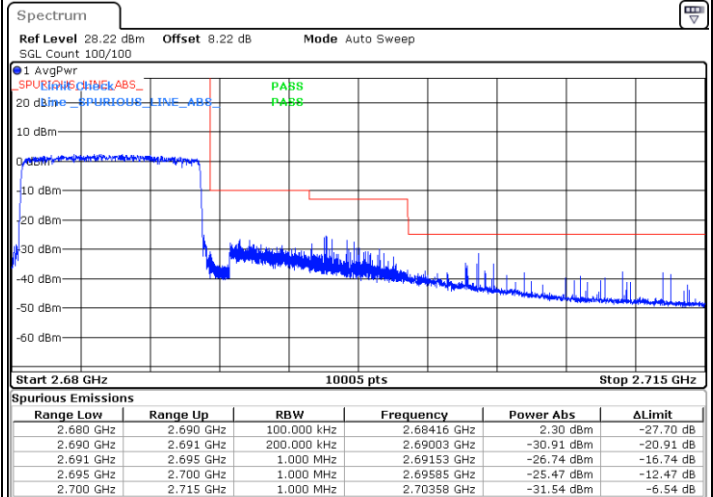
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



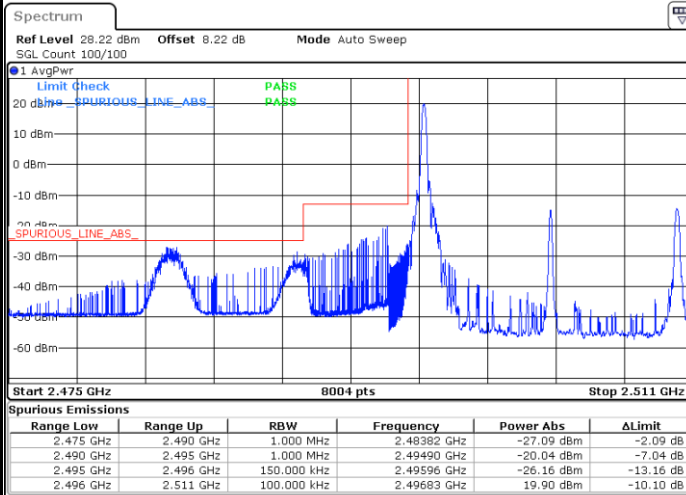
Highest Band Edge / Full RB



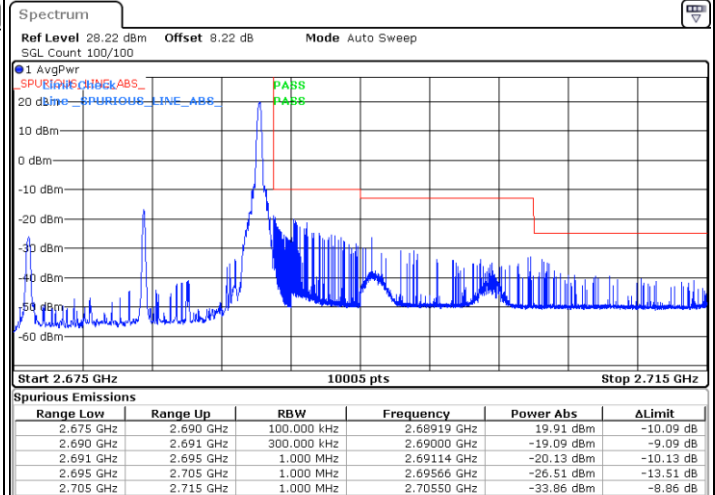


LTE Band 41 / 15MHz / QPSK

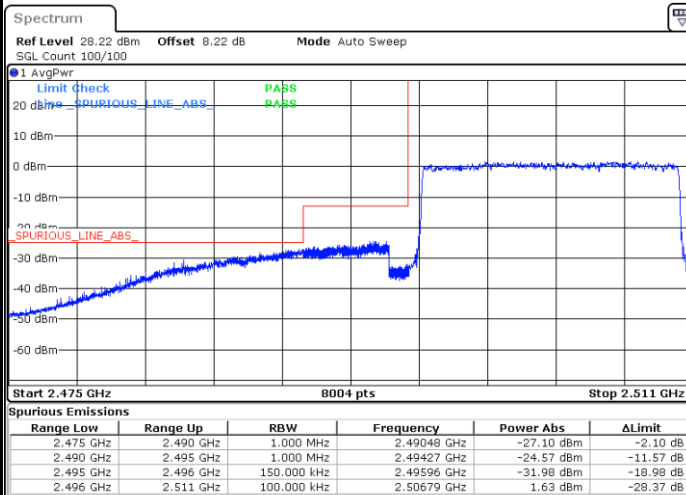
Lowest Band Edge / 1 RB



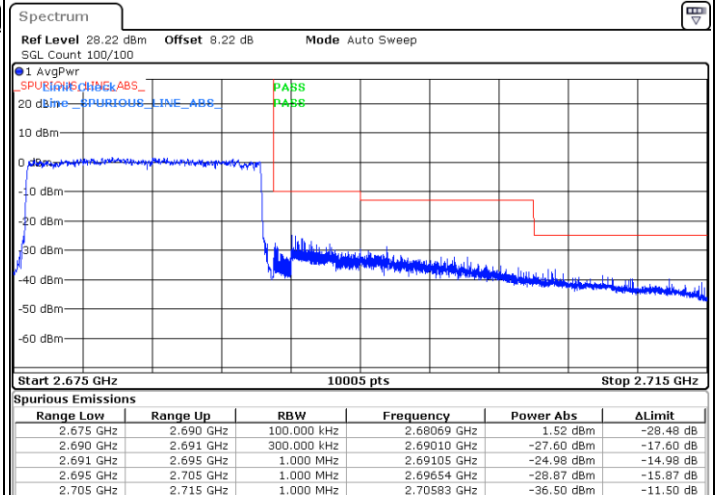
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



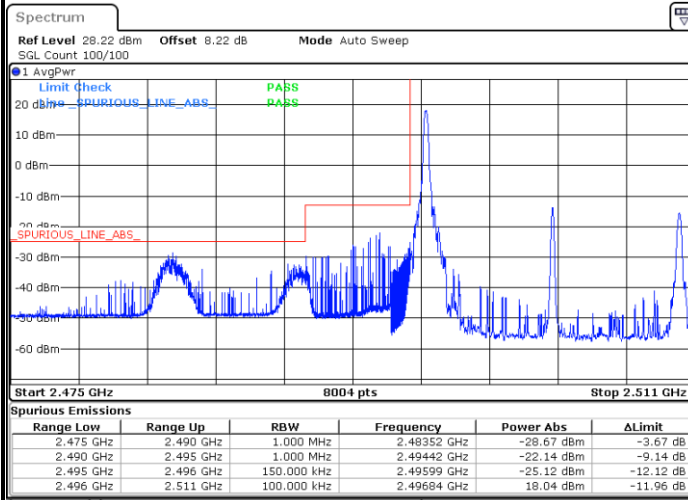
Highest Band Edge / Full RB



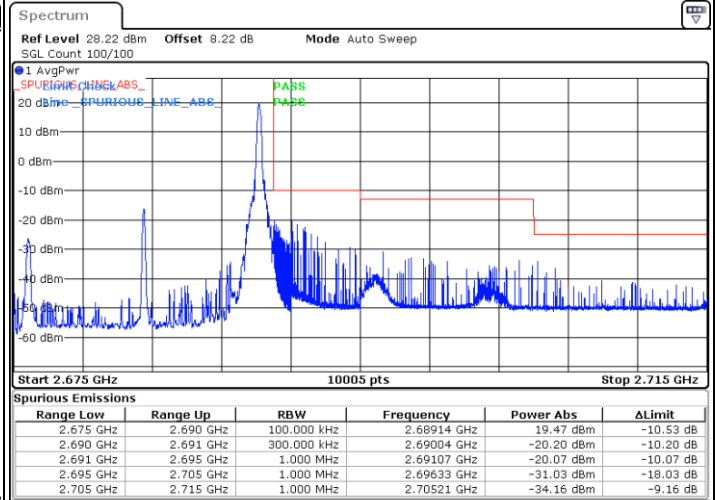


LTE Band 41 / 15MHz / 16QAM

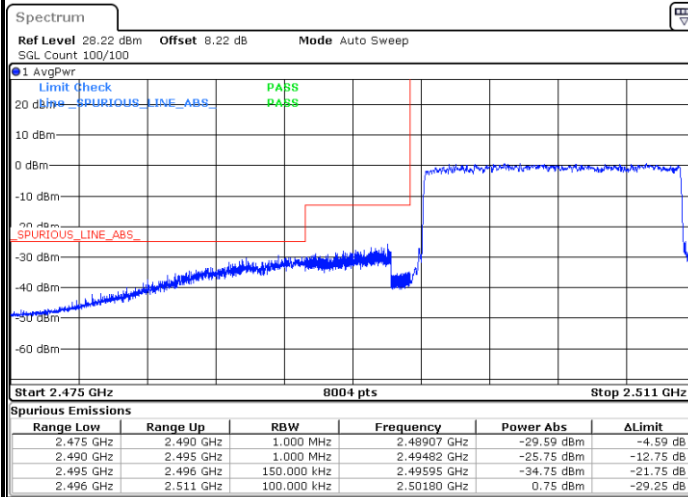
Lowest Band Edge / 1 RB



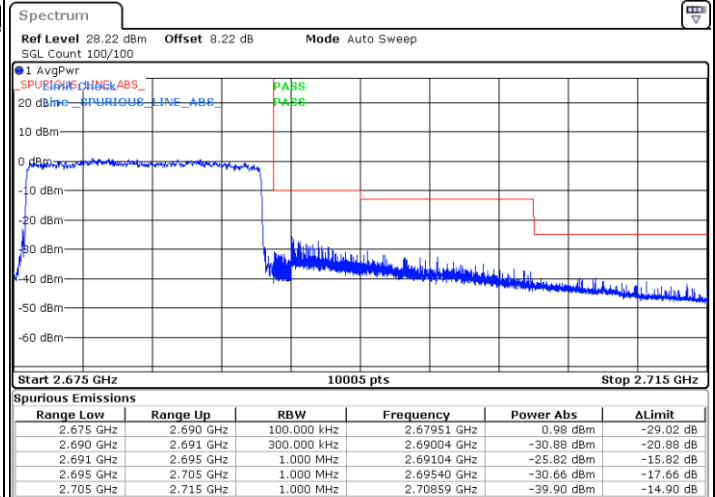
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



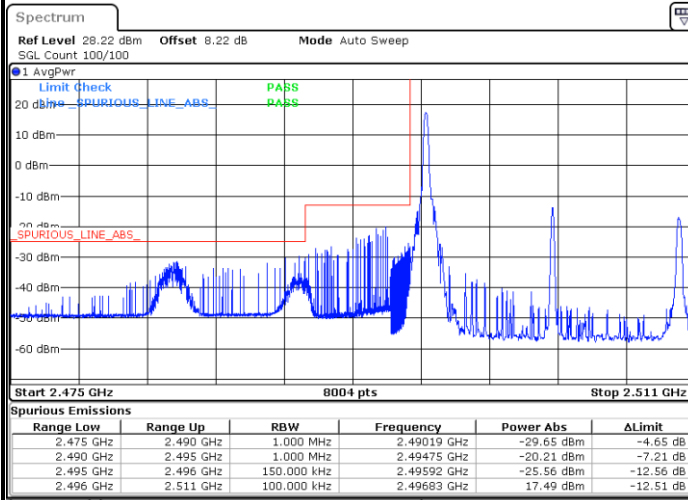
Highest Band Edge / Full RB



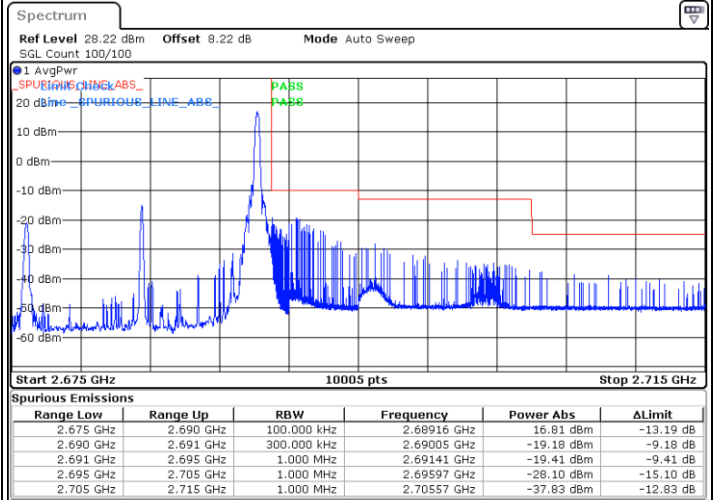


LTE Band 41 / 15MHz / 64QAM

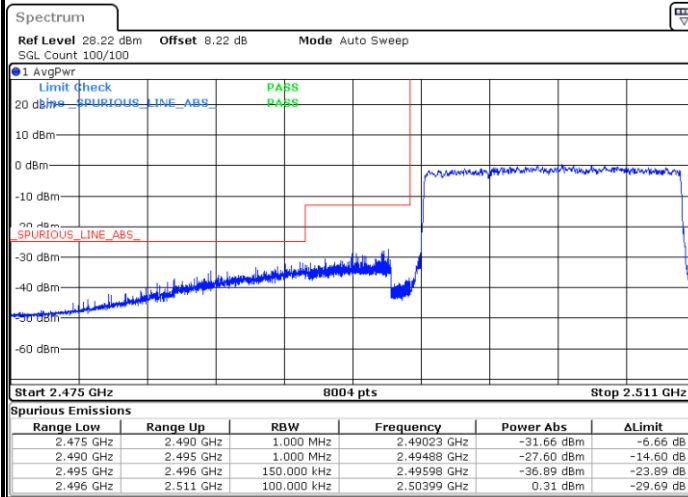
Lowest Band Edge / 1 RB



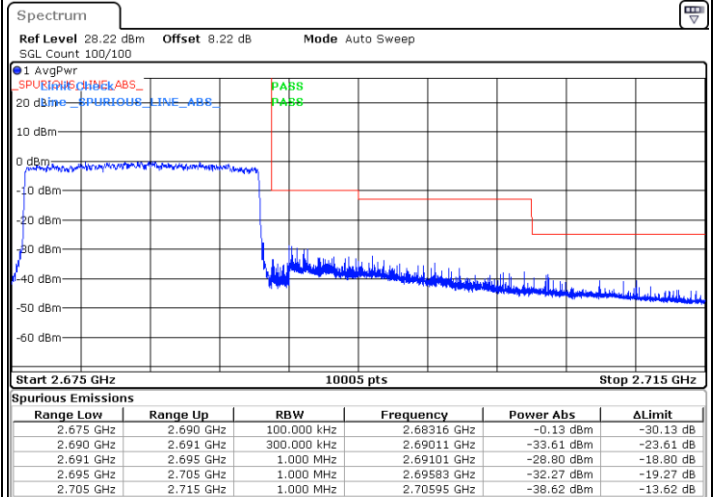
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



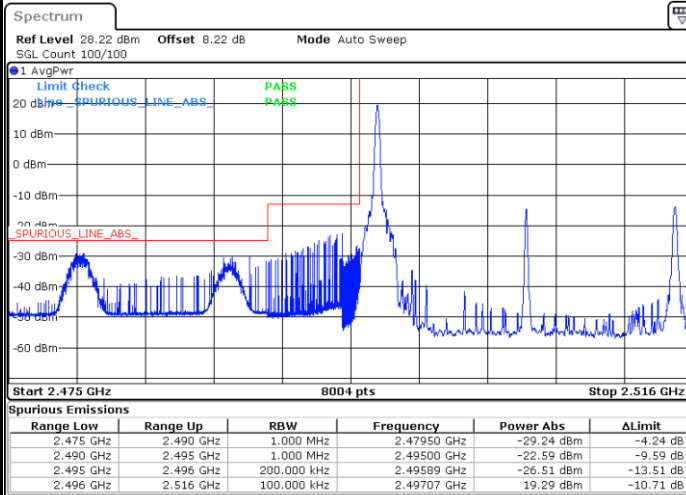
Highest Band Edge / Full RB



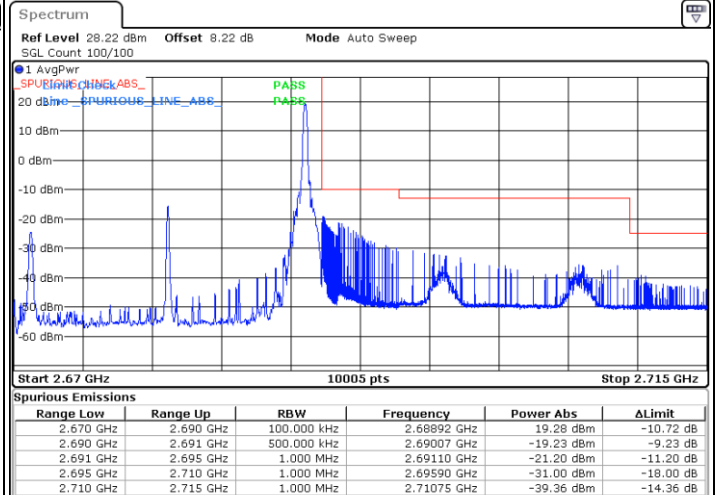


LTE Band 41 / 20MHz / QPSK

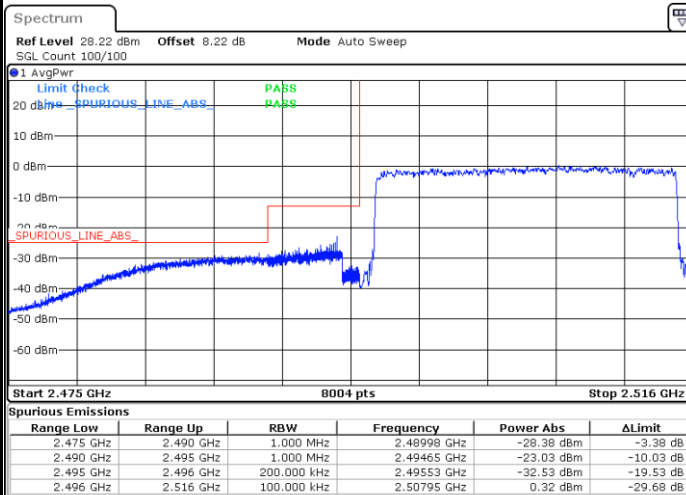
Lowest Band Edge / 1 RB



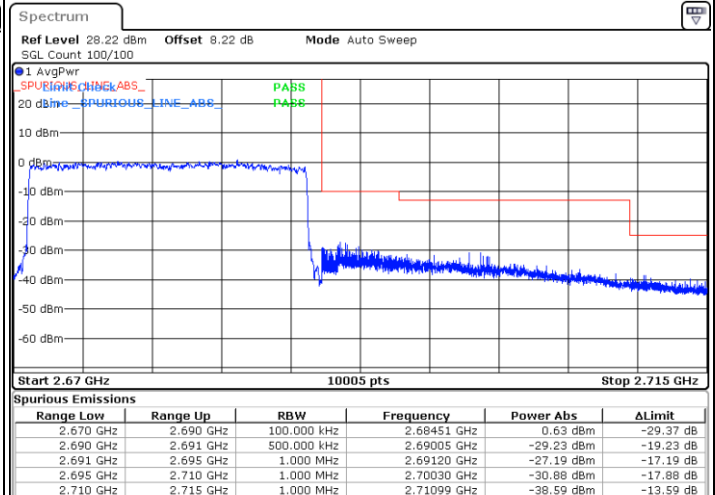
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



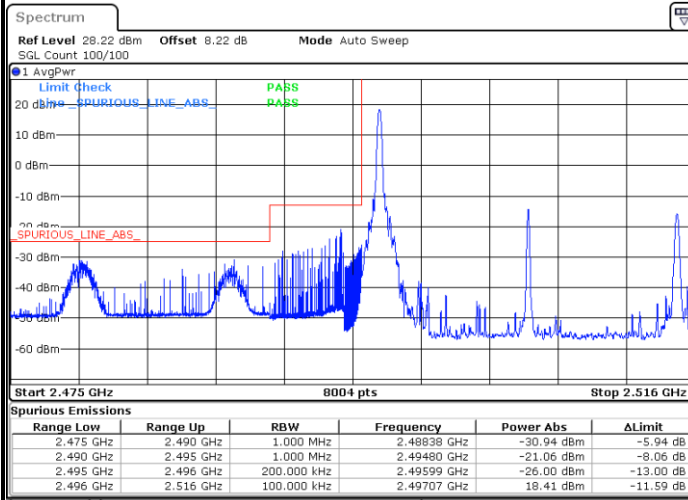
Highest Band Edge / Full RB



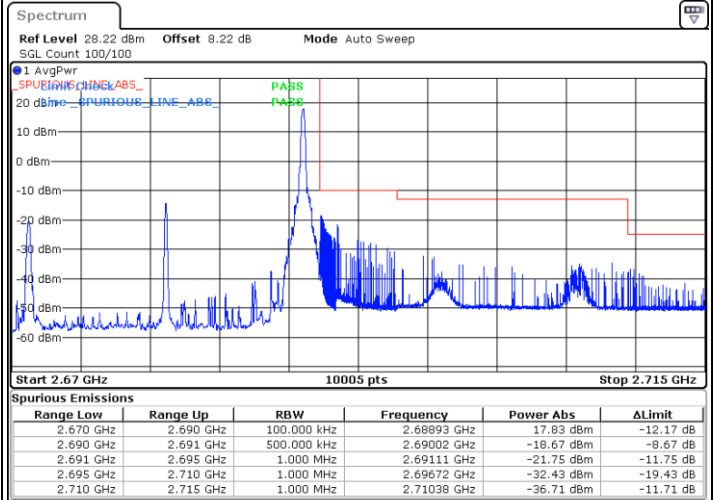


LTE Band 41 / 20MHz / 16QAM

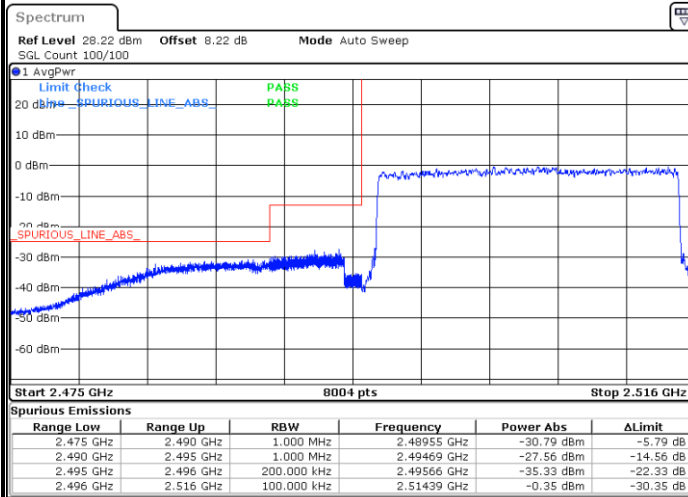
Lowest Band Edge / 1 RB



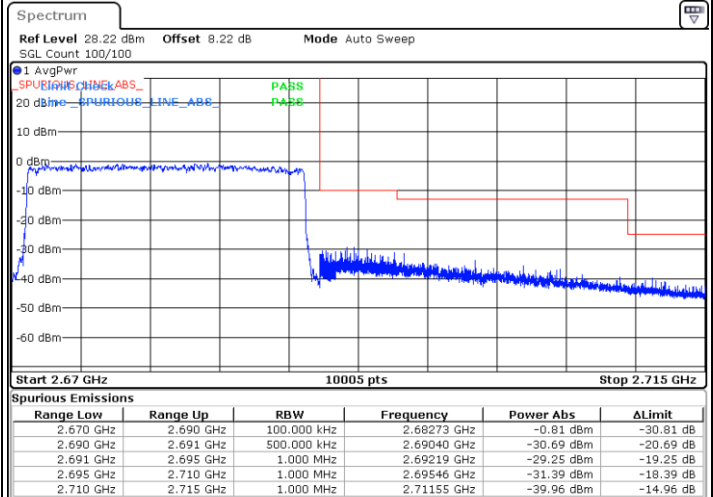
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



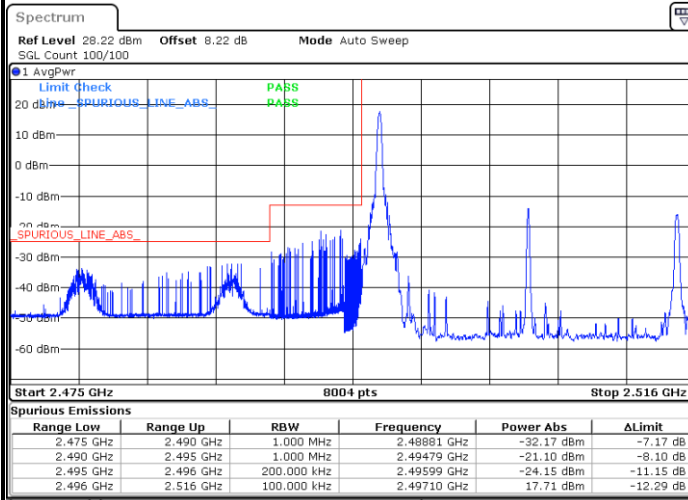
Highest Band Edge / Full RB



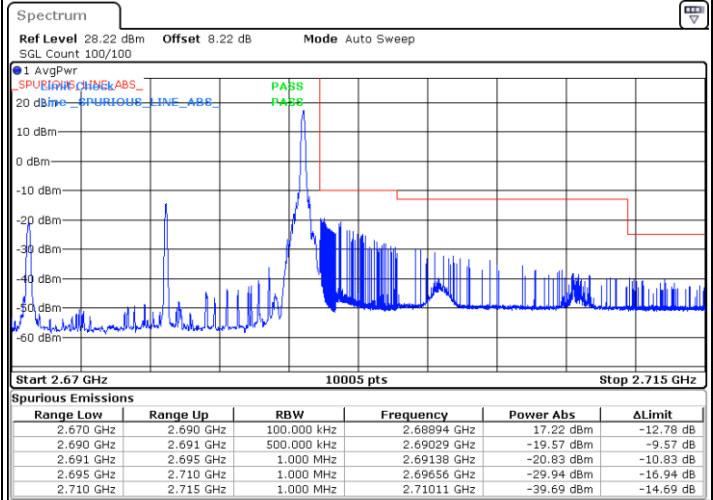


LTE Band 41 / 20MHz / 64QAM

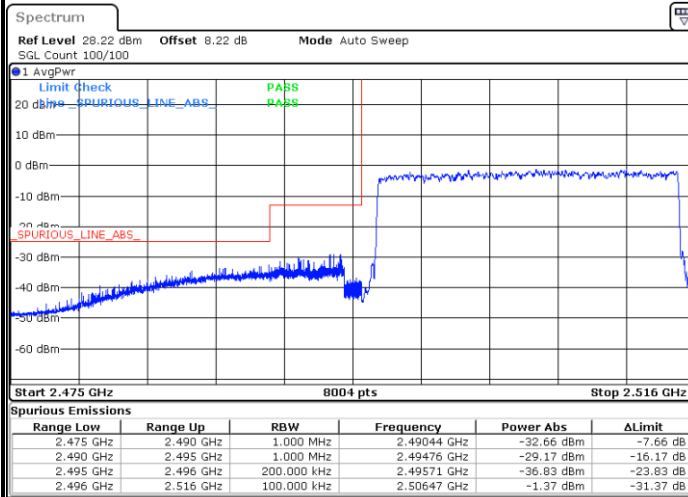
Lowest Band Edge / 1 RB



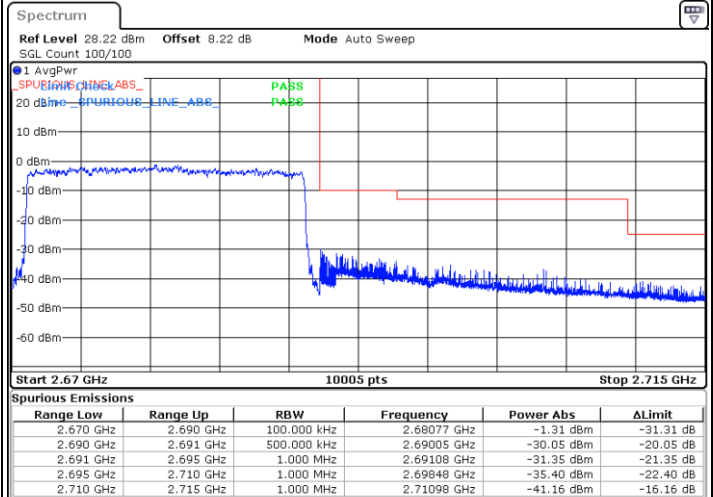
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

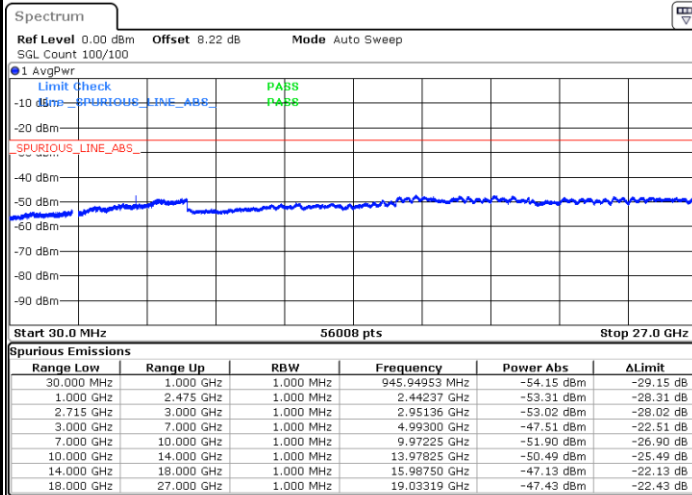




Conducted Spurious Emission

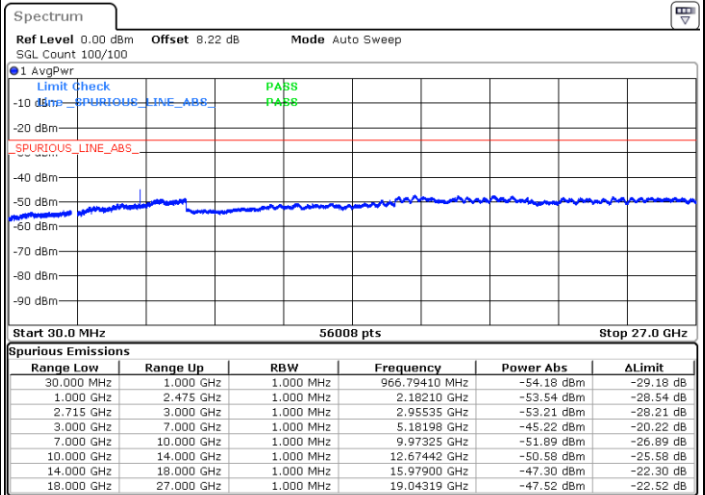
LTE Band 41 / 5MHz

Lowest Channel / QPSK



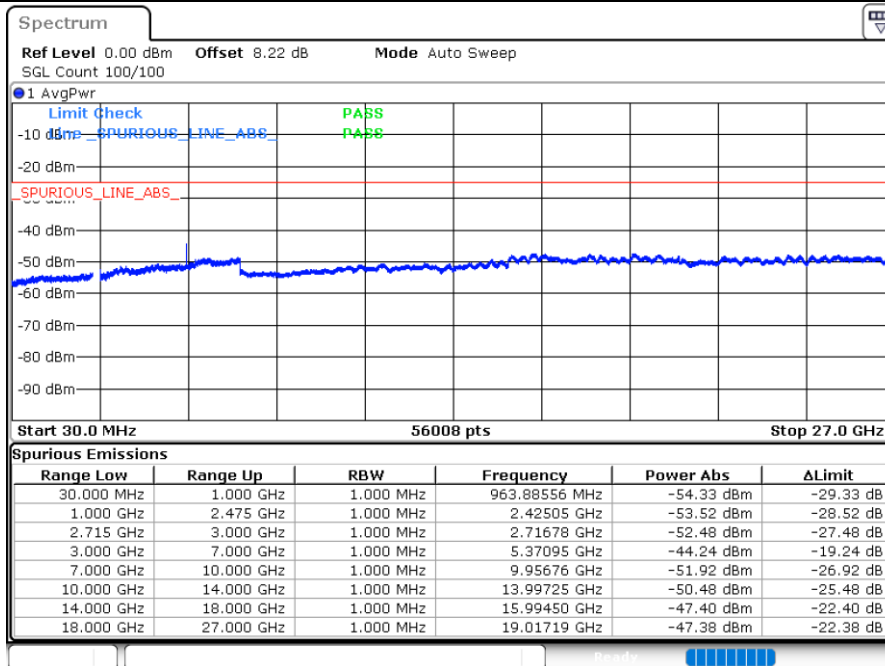
Date: 19.SEP.2024 22:26:41

Middle Channel / QPSK



Date: 19.SEP.2024 22:41:47

Highest Channel / QPSK

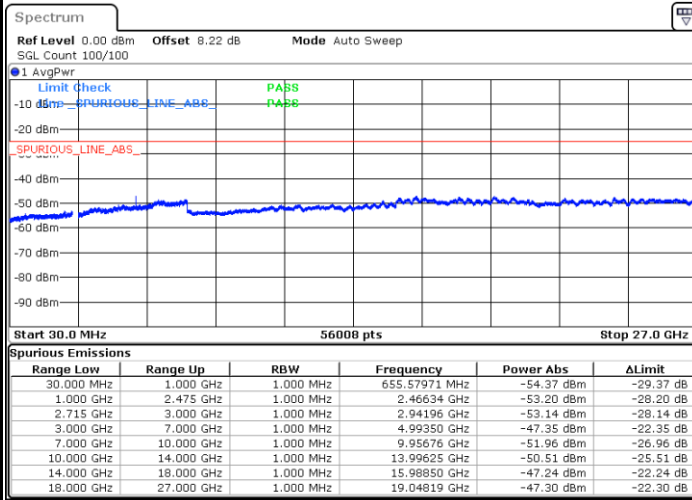


Date: 19.SEP.2024 22:43:12



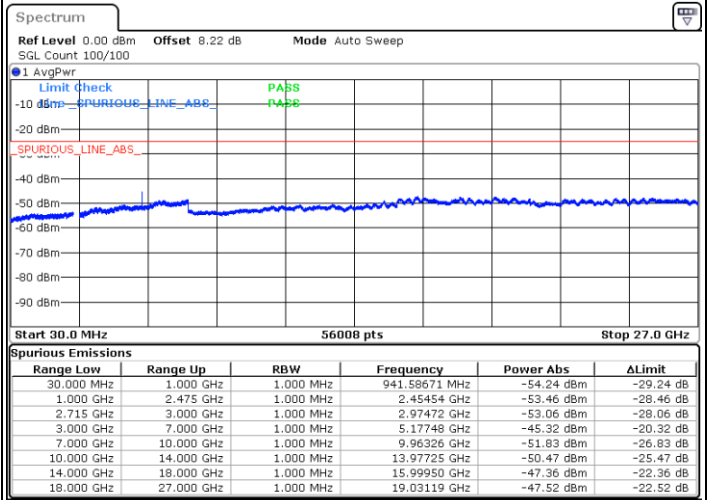
LTE Band 41 / 10MHz

Lowest Channel / QPSK



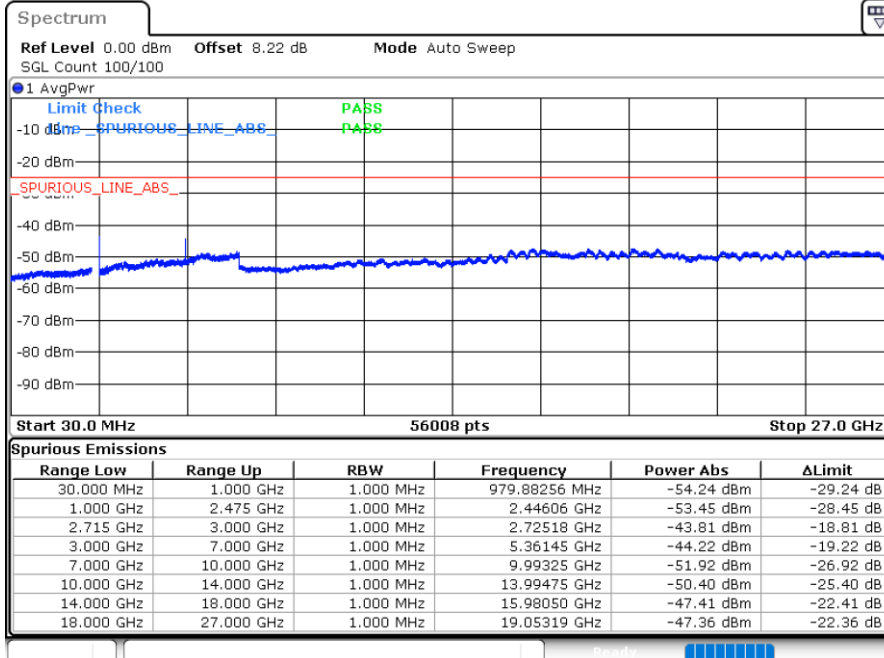
Date: 19.SEP.2024 22:50:44

Middle Channel / QPSK



Date: 19.SEP.2024 22:59:57

Highest Channel / QPSK

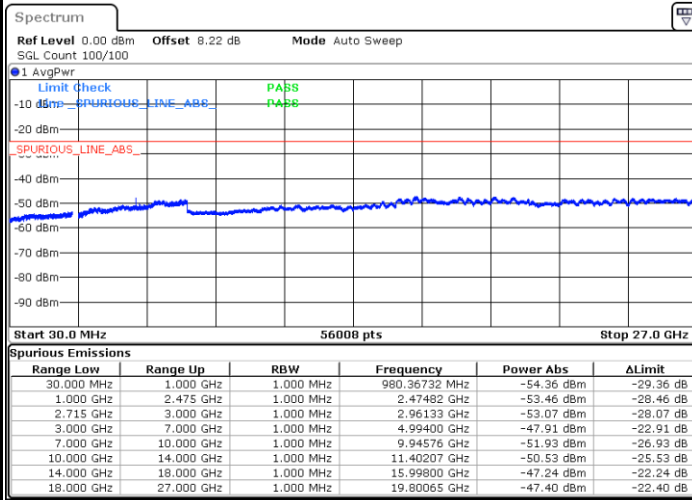


Date: 19.SEP.2024 23:01:22



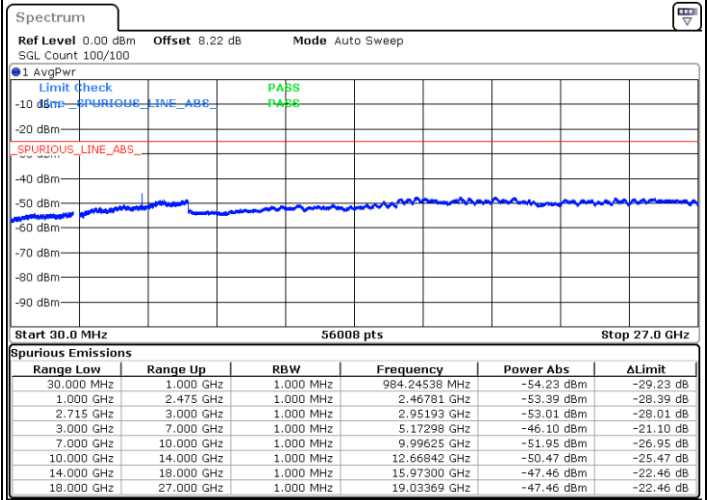
LTE Band 41 / 15MHz

Lowest Channel / QPSK



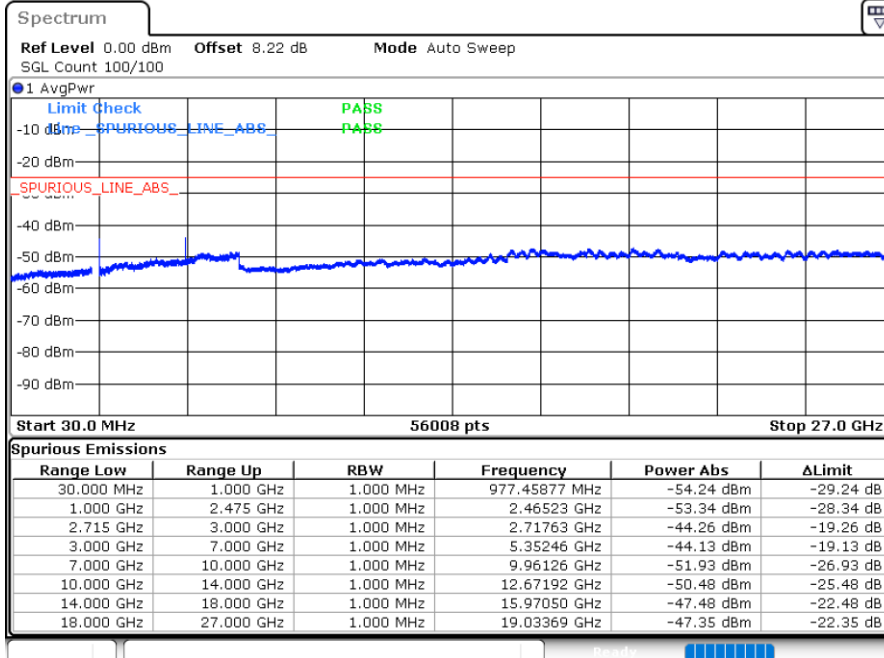
Date: 19.SEP.2024 23:09:55

Middle Channel / QPSK



Date: 19.SEP.2024 23:17:26

Highest Channel / QPSK

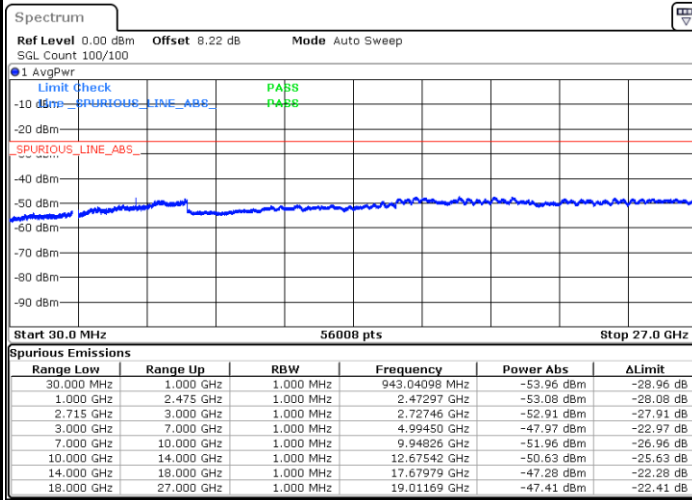


Date: 19.SEP.2024 23:18:52



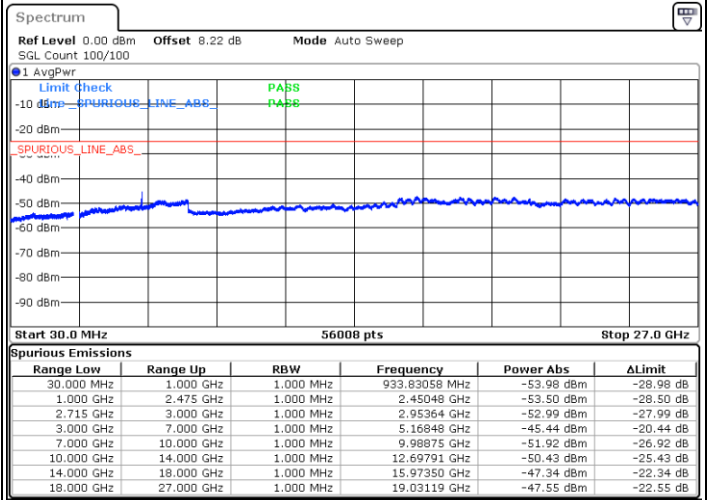
LTE Band 41 / 20MHz

Lowest Channel / QPSK



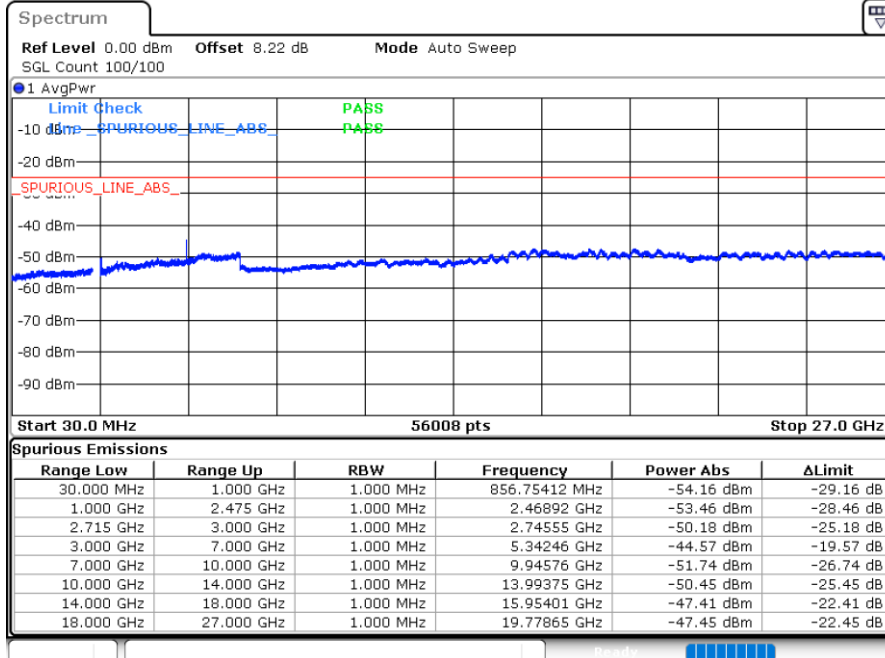
Date: 19.SEP.2024 23:26:20

Middle Channel / QPSK



Date: 19.SEP.2024 23:33:49

Highest Channel / QPSK



Date: 19.SEP.2024 23:35:14

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0066	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

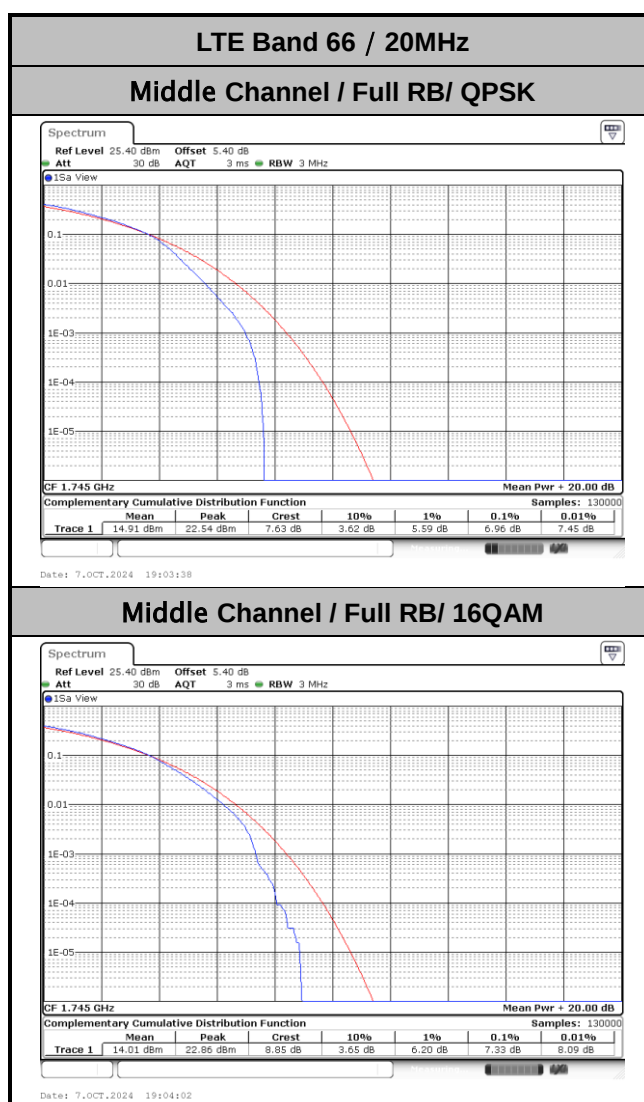
1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.4 V. ; Maximum Voltage =8.33V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

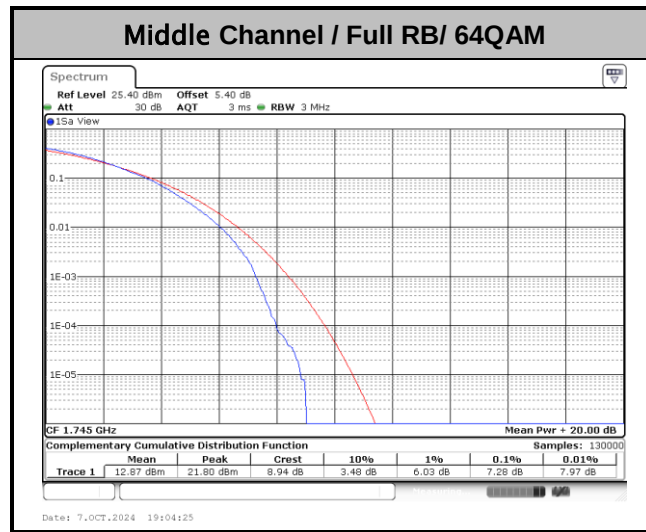


LTE Band 66

Peak-to-Average Ratio

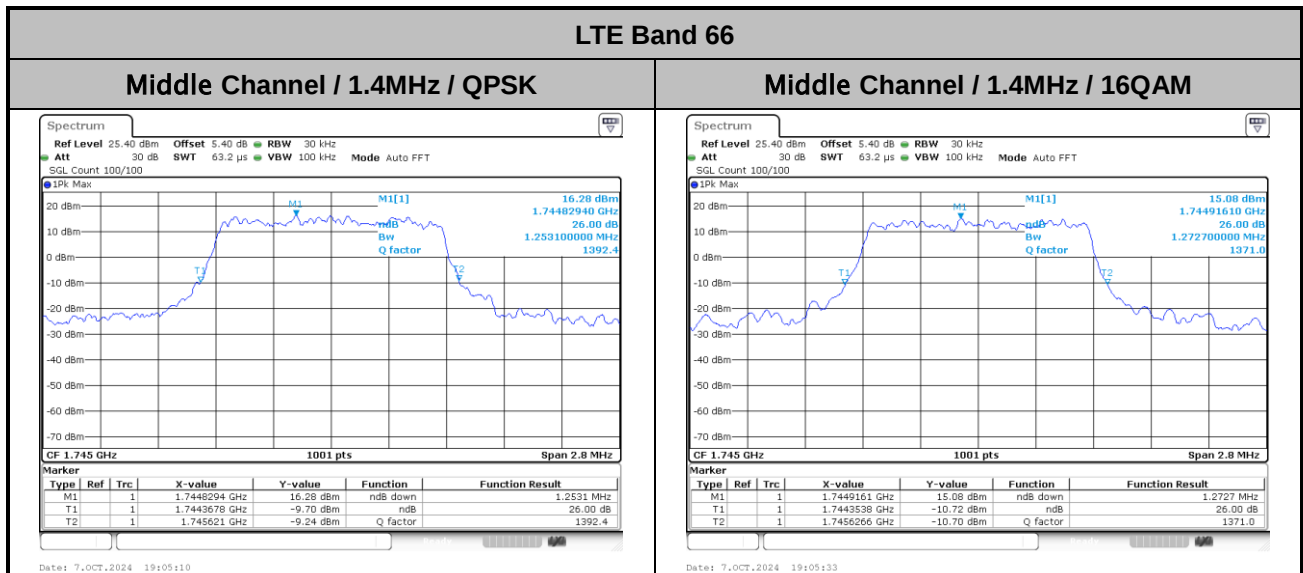
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.96	7.33	7.28	PASS





**26dB Bandwidth**

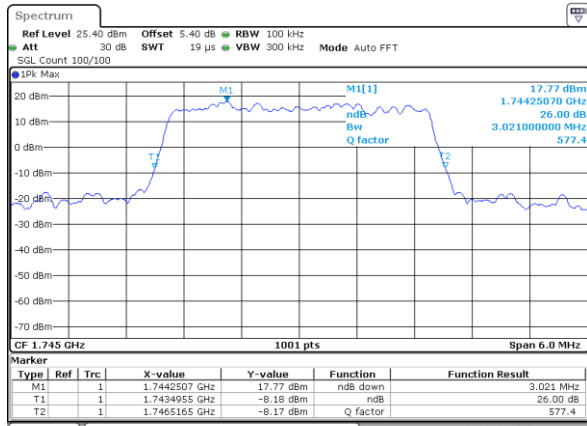
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.25	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.02	2.99
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.90
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.85	9.93
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.15	14.27
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.06	18.90





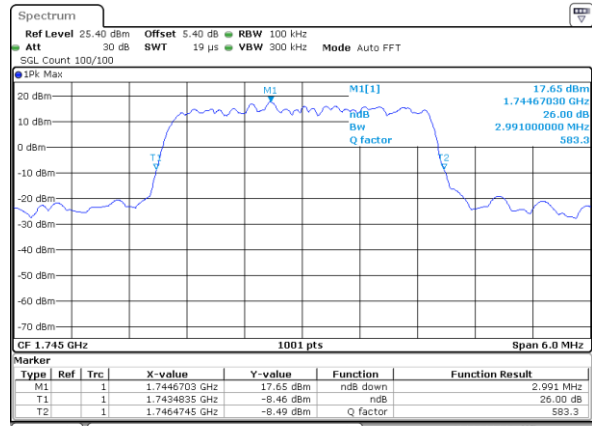
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 7.OCT.2024 19:06:39

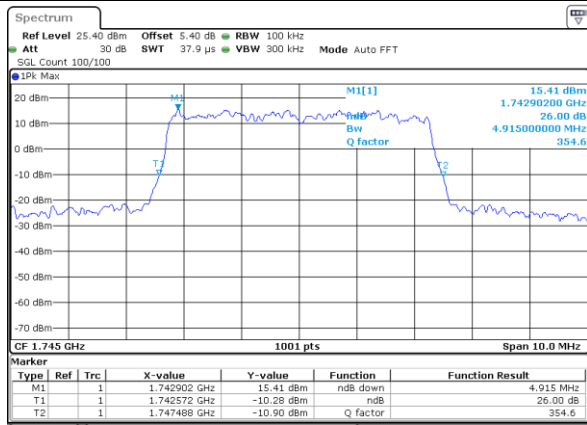
Middle Channel / 3MHz / 16QAM



Date: 7.OCT.2024 19:07:01

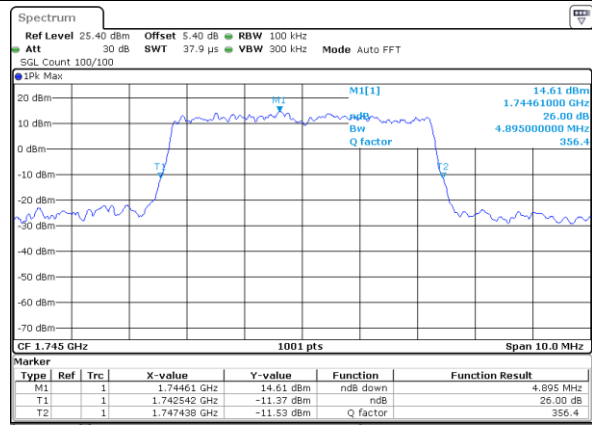
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 7.OCT.2024 19:08:07

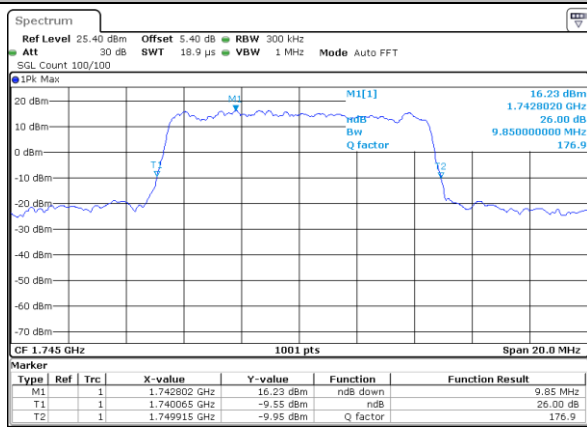
Middle Channel / 5MHz / 16QAM



Date: 7.OCT.2024 19:08:29

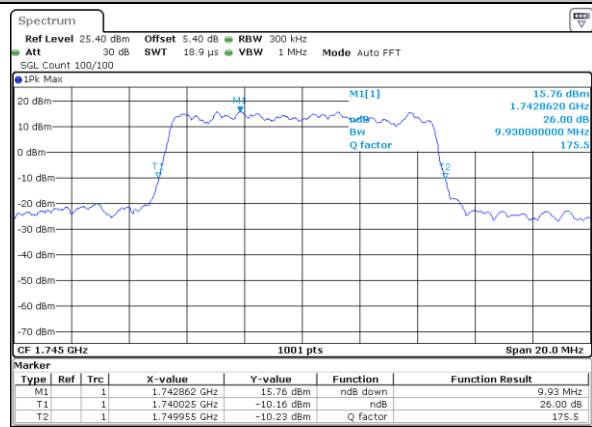
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 7.OCT.2024 19:09:35

Middle Channel / 10MHz / 16QAM



Date: 7.OCT.2024 19:09:57