



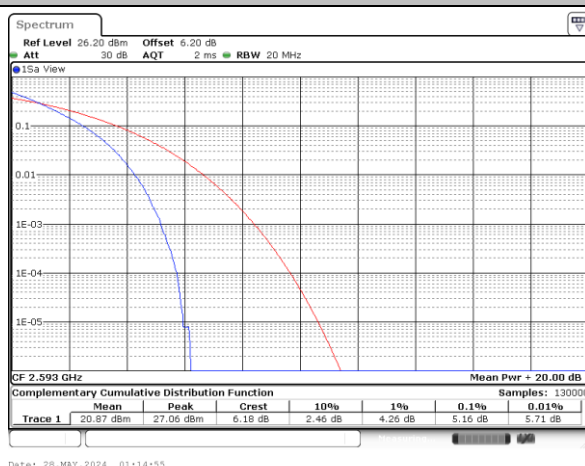
LTE Band 41

Peak-to-Average Ratio

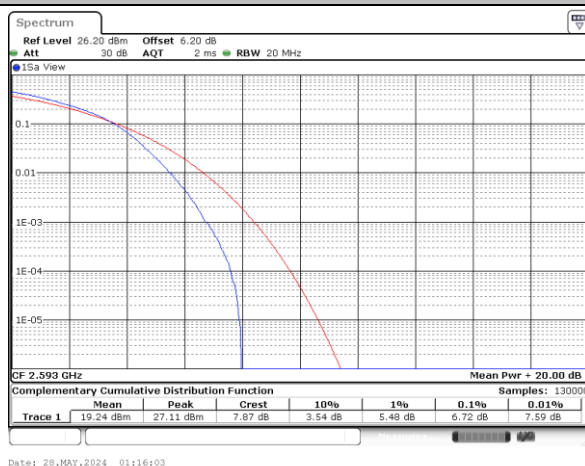
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.16	6.72	8.03	PASS

LTE Band 41 / 20MHz

Middle Channel / Full RB / QPSK

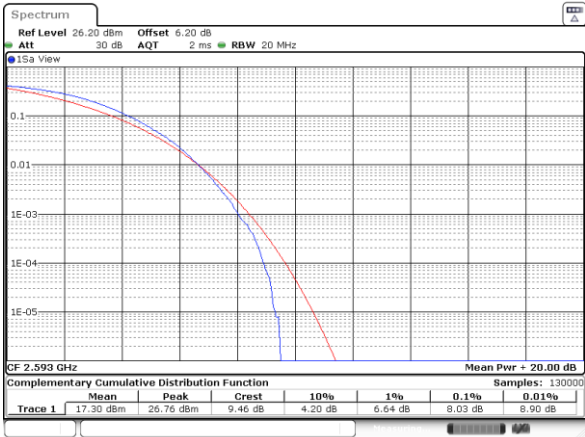


Middle Channel / Full RB / 16QAM





Middle Channel / Full RB / 64QAM



Date: 19 JUN 2024 04:33:21

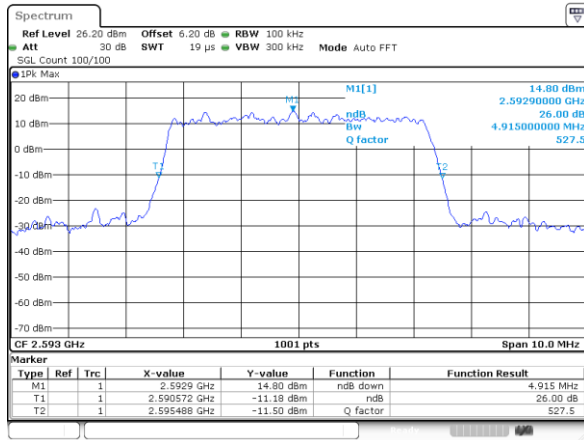
**26dB Bandwidth**

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.94
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	9.67
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.36	14.21
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.98	18.66



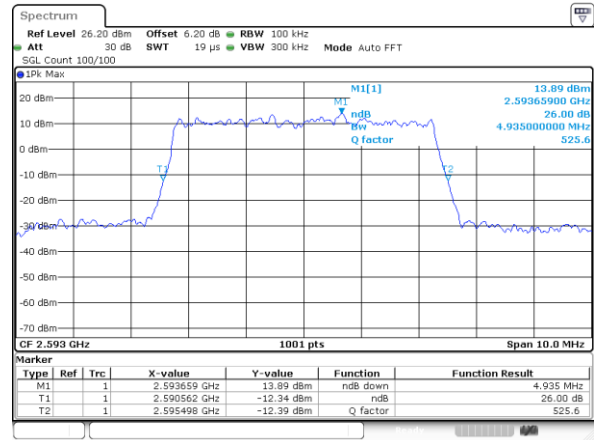
LTE Band 41

Middle Channel / 5MHz / QPSK



Date: 28.MAY.2024 01:09:16

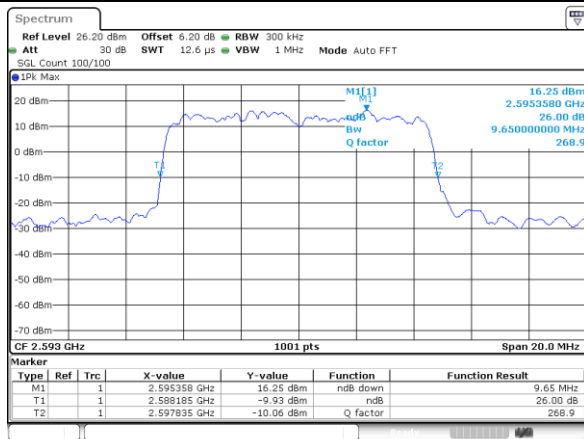
Middle Channel / 5MHz / 16QAM



Date: 28.MAY.2024 01:09:57

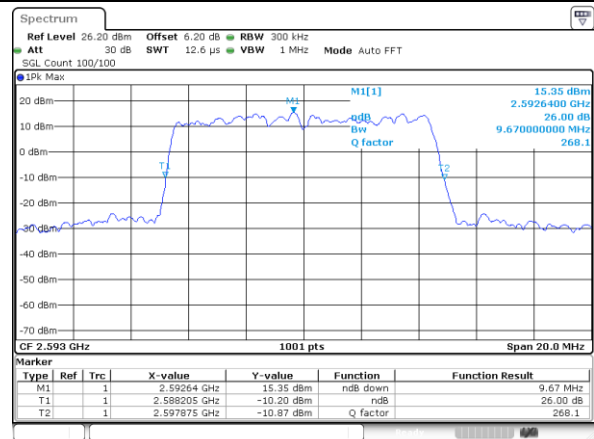
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 28.MAY.2024 01:11:01

Middle Channel / 10MHz / 16QAM

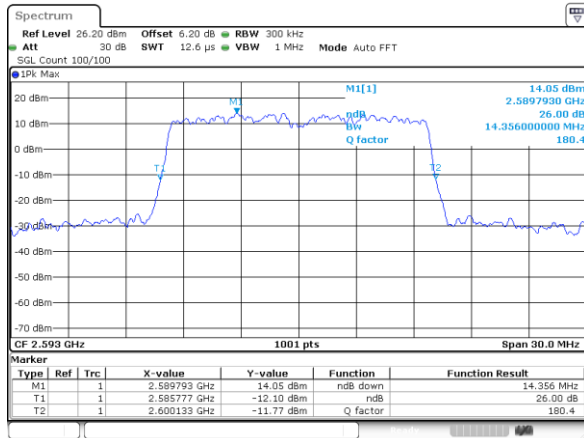


Date: 28.MAY.2024 01:11:22

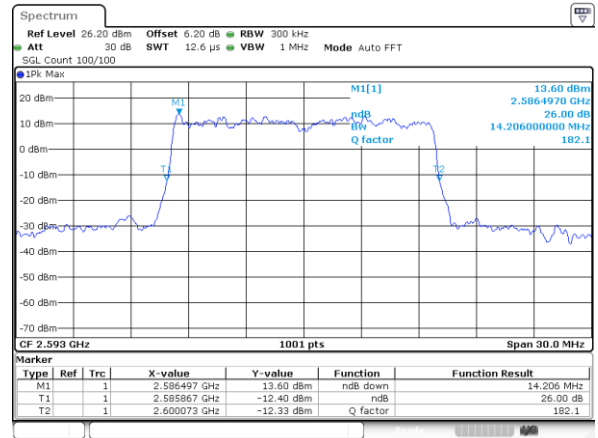


LTE Band 41

Middle Channel / 15MHz / QPSK

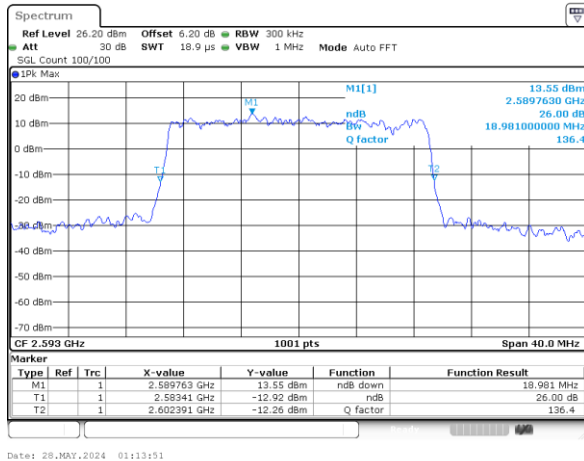


Middle Channel / 15MHz / 16QAM

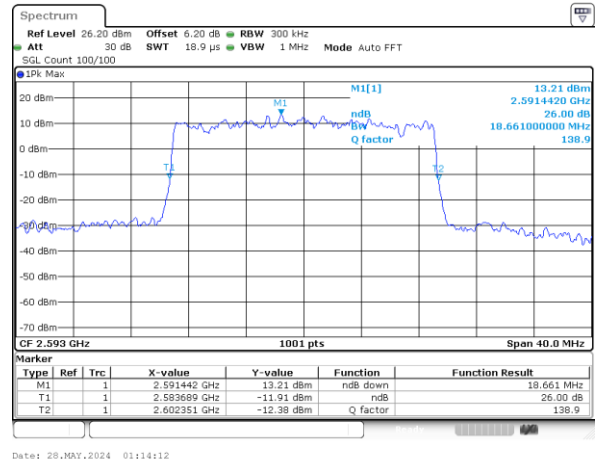


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



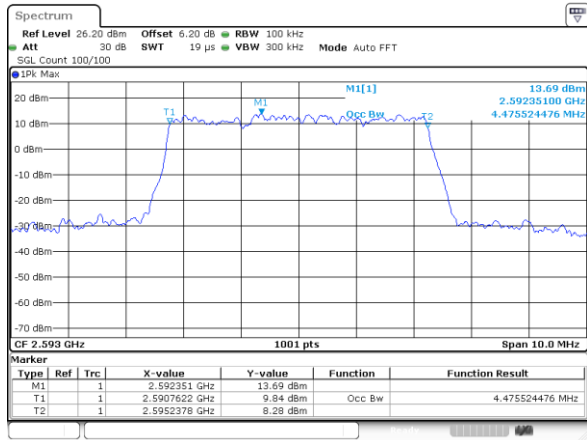
**Occupied Bandwidth**

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.47
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	9.03
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.49
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.90

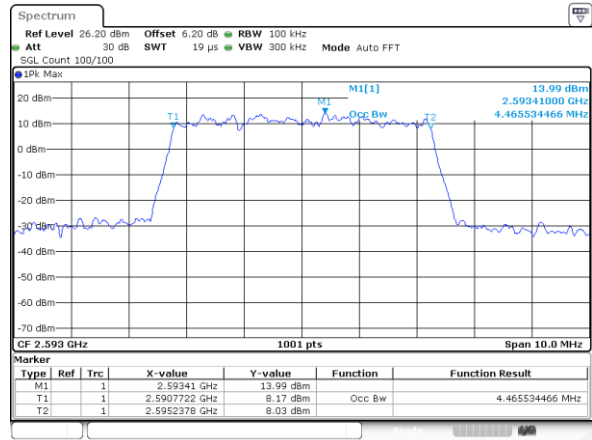


LTE Band 41

Middle Channel / 5MHz / QPSK

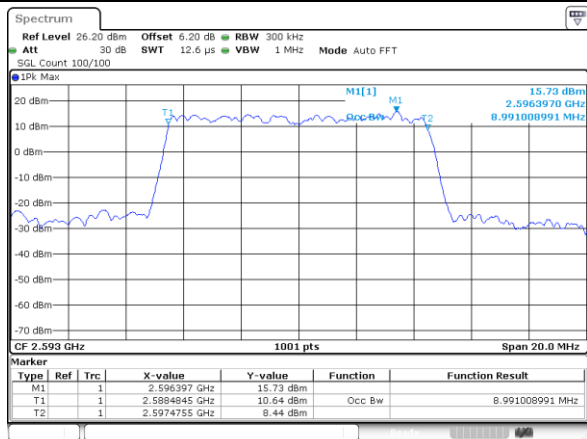


Middle Channel / 5MHz / 16QAM

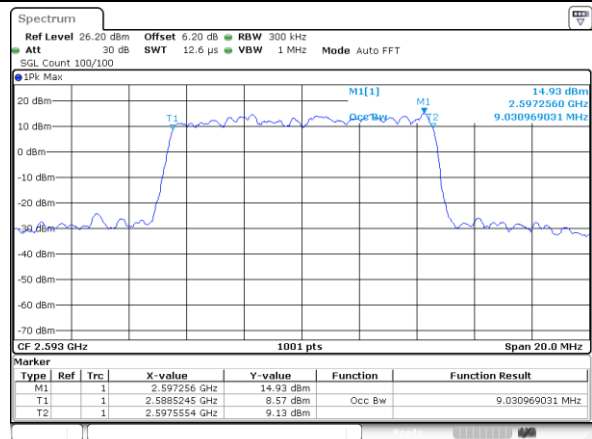


LTE Band 41

Middle Channel / 10MHz / QPSK



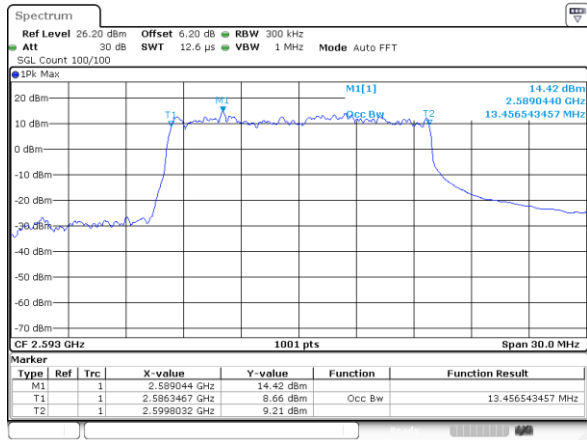
Middle Channel / 10MHz / 16QAM



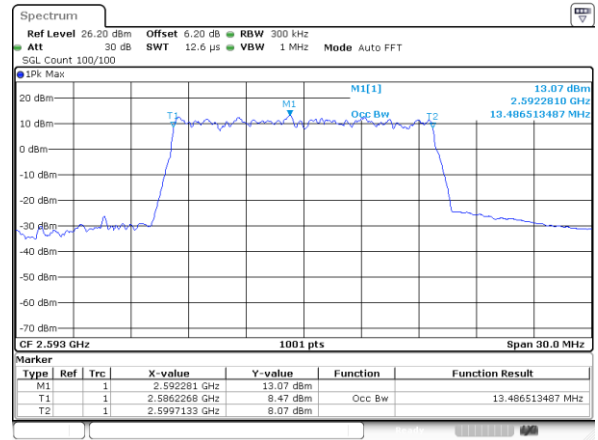


LTE Band 41

Middle Channel / 15MHz / QPSK

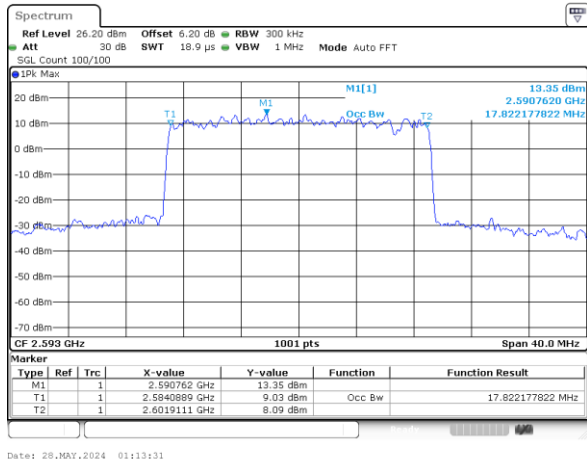


Middle Channel / 15MHz / 16QAM

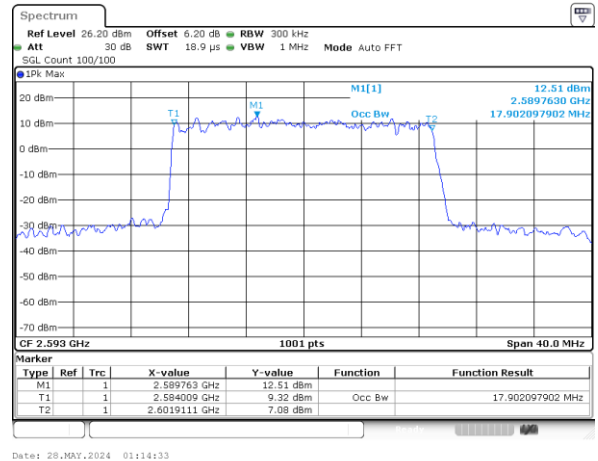


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

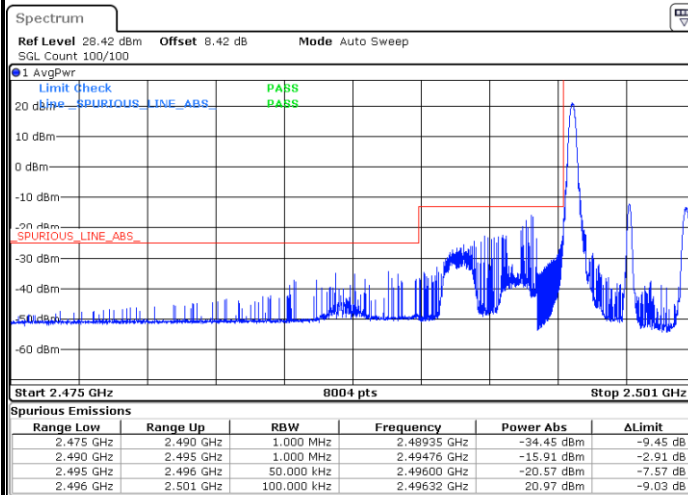




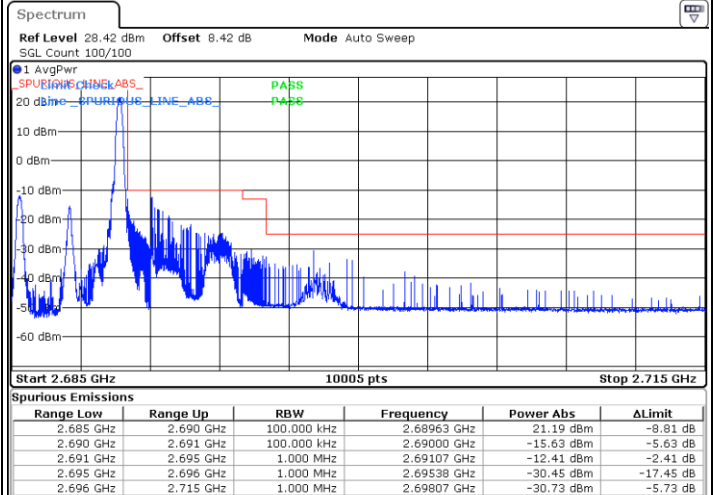
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

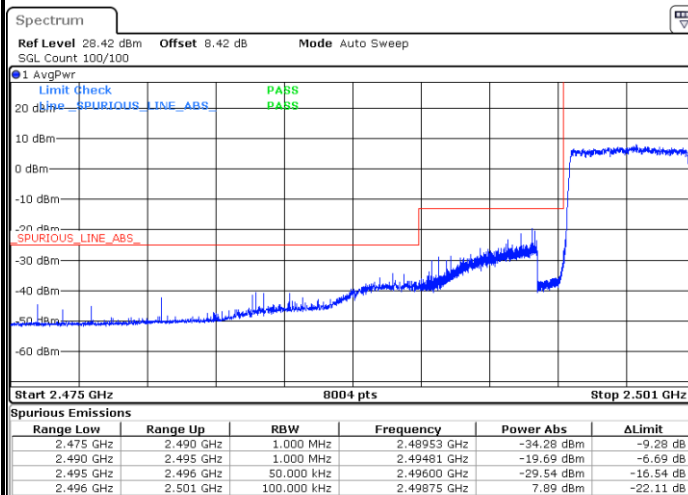
Lowest Band Edge / 1 RB



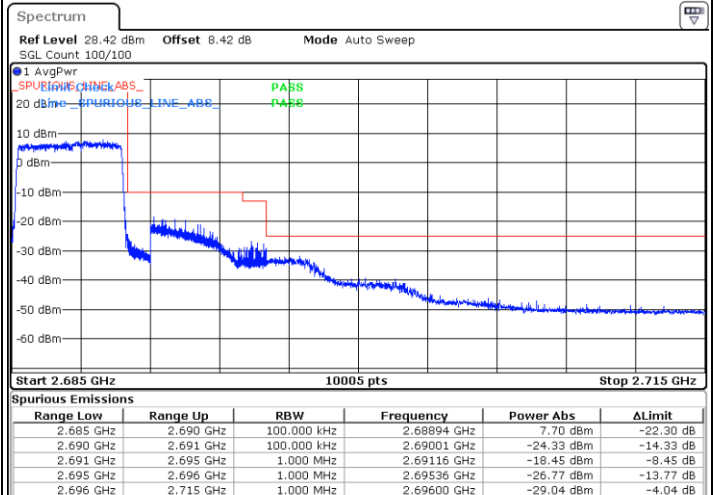
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



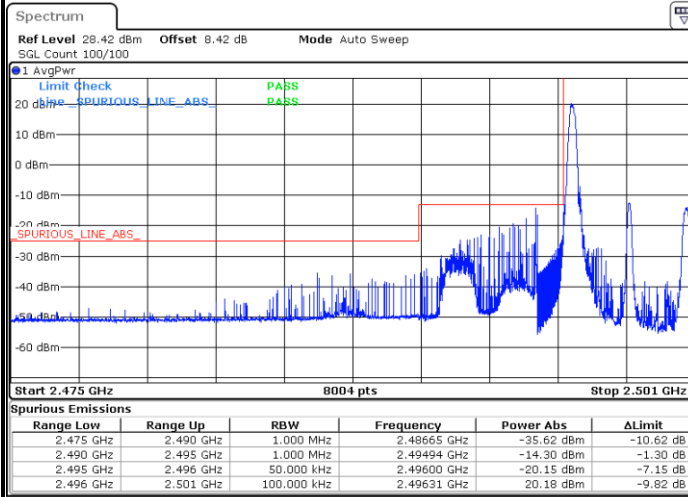
Highest Band Edge / Full RB





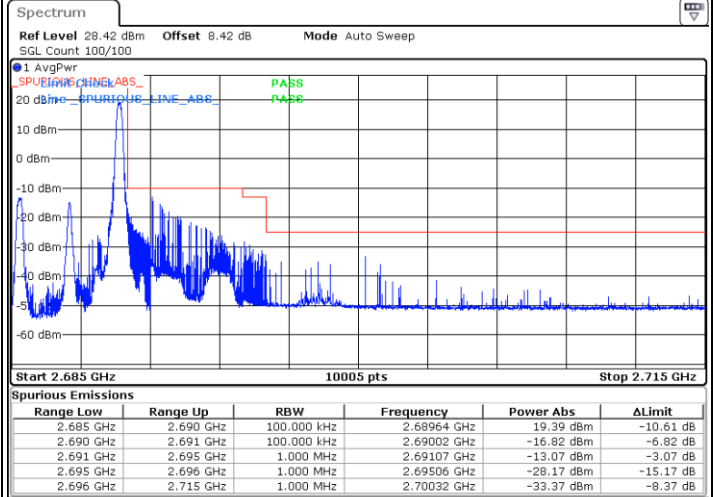
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



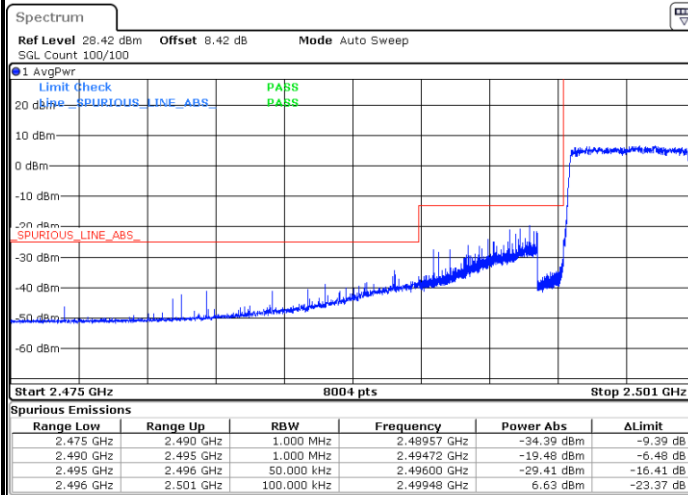
Date: 27.MAY.2024 01:30:00

Highest Band Edge / 1 RB



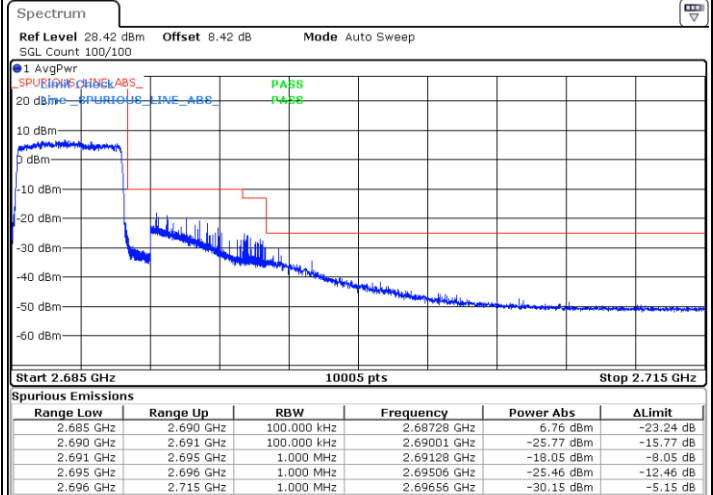
Date: 27.MAY.2024 01:34:45

Lowest Band Edge / Full RB



Date: 27.MAY.2024 01:31:12

Highest Band Edge / Full RB

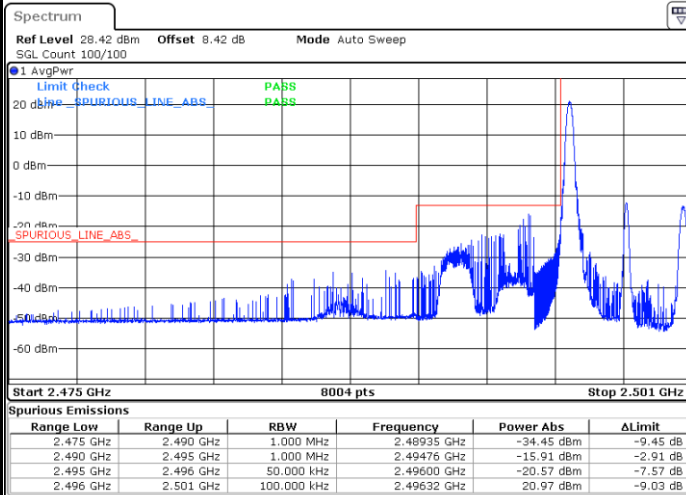


Date: 27.MAY.2024 01:35:56

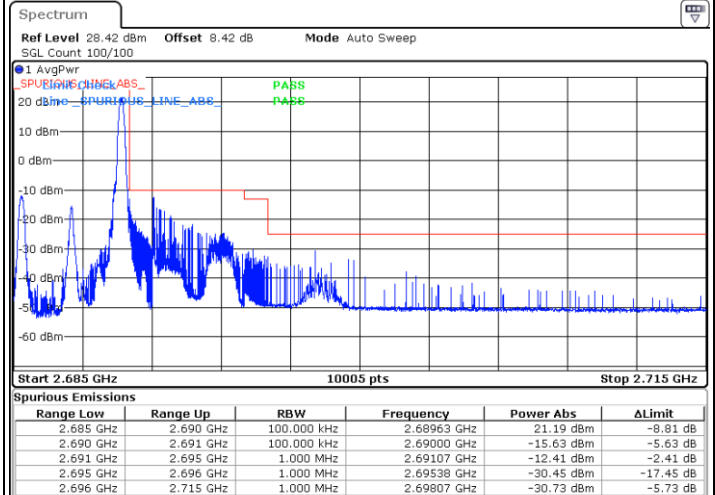


LTE Band 41 / 5MHz / 64QAM

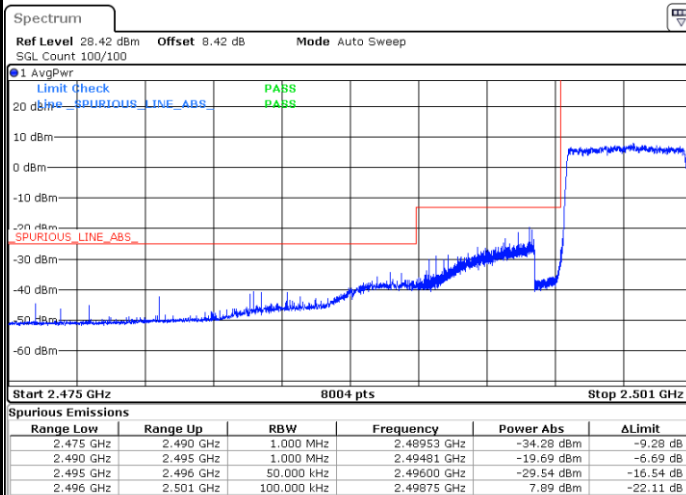
Lowest Band Edge / 1RB



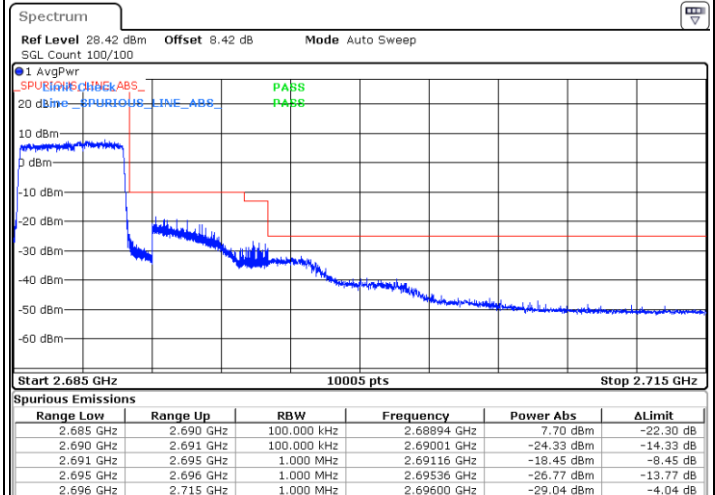
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



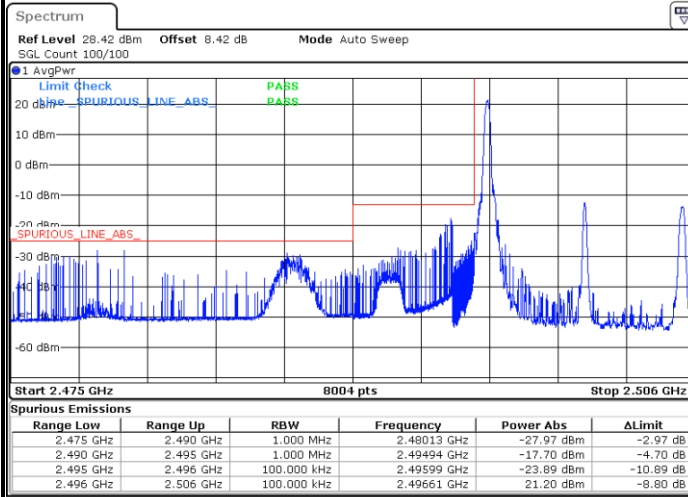
Highest Band Edge / Full RB



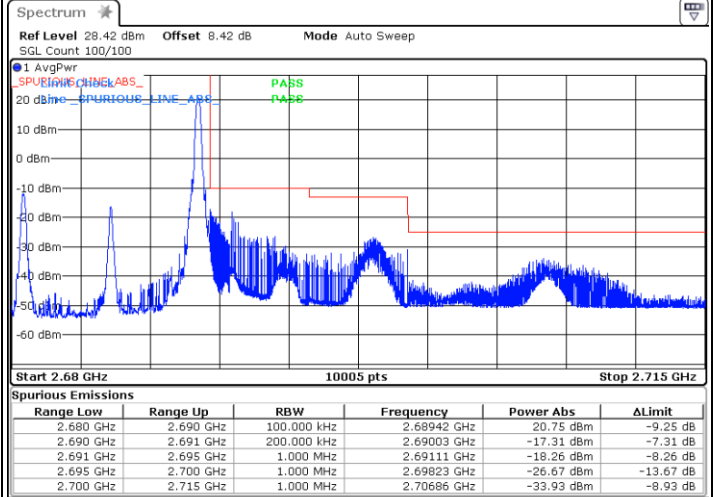


LTE Band 41 / 10MHz / QPSK

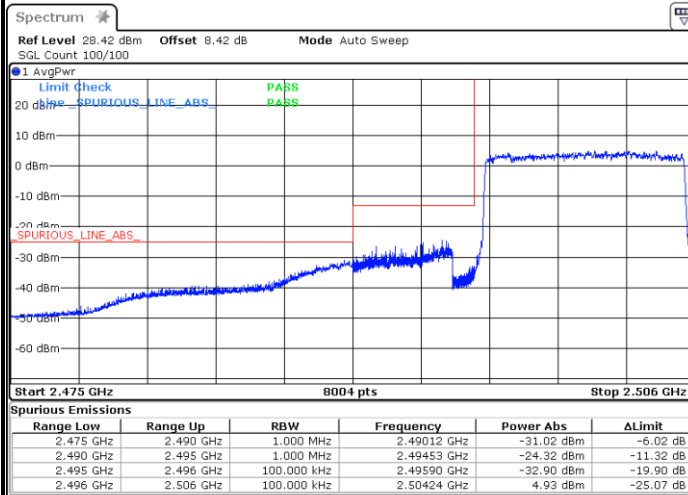
Lowest Band Edge / 1 RB



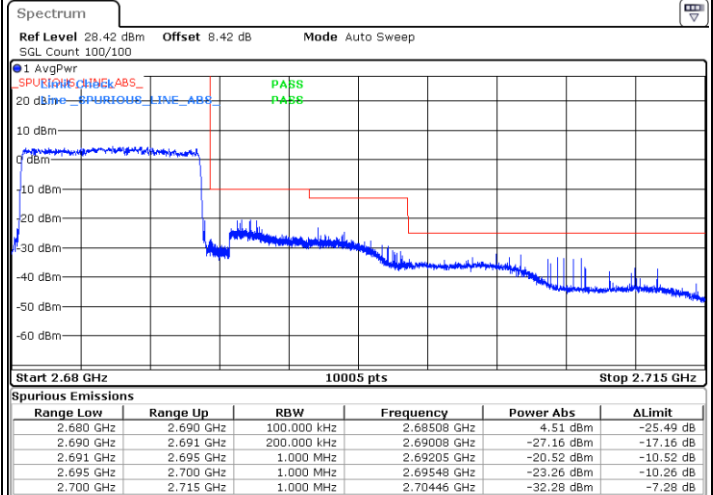
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



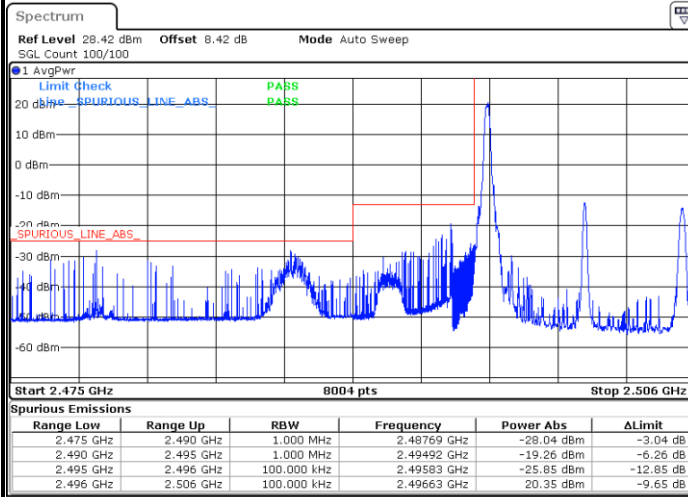
Highest Band Edge / Full RB



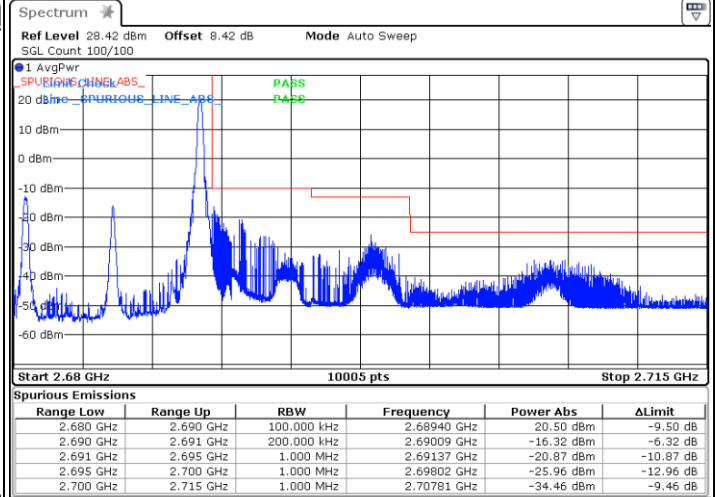


LTE Band 41 / 10MHz / 16QAM

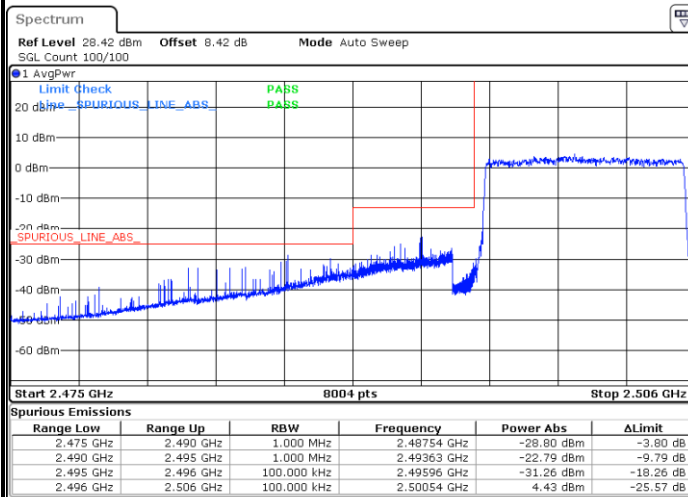
Lowest Band Edge / 1 RB



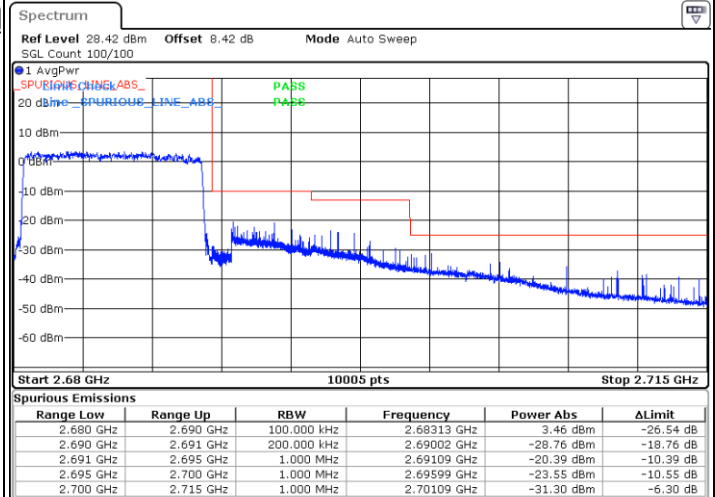
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



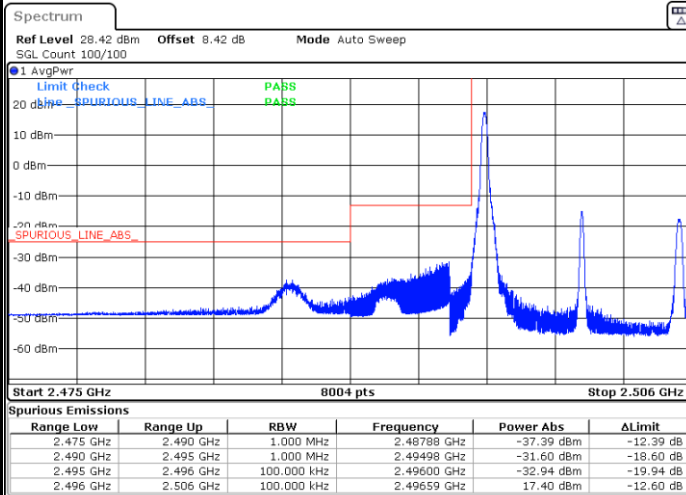
Highest Band Edge / Full RB



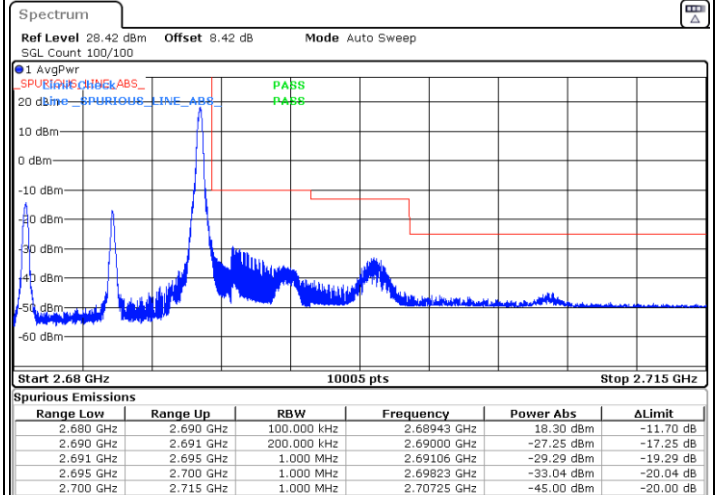


LTE Band 41 / 10MHz / 64QAM

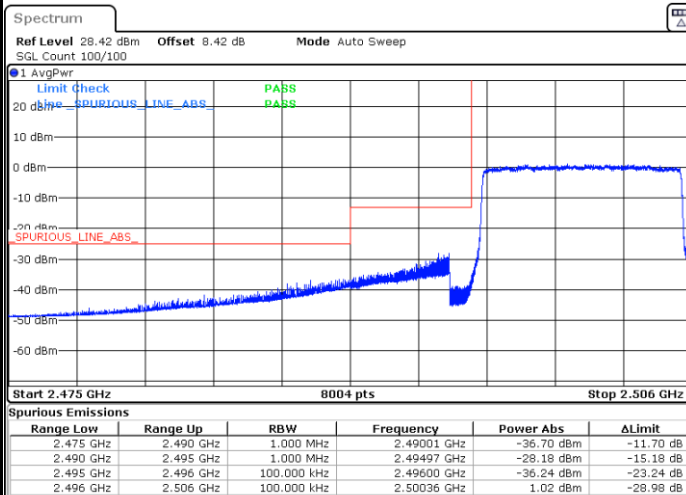
Lowest Band Edge / 1 RB



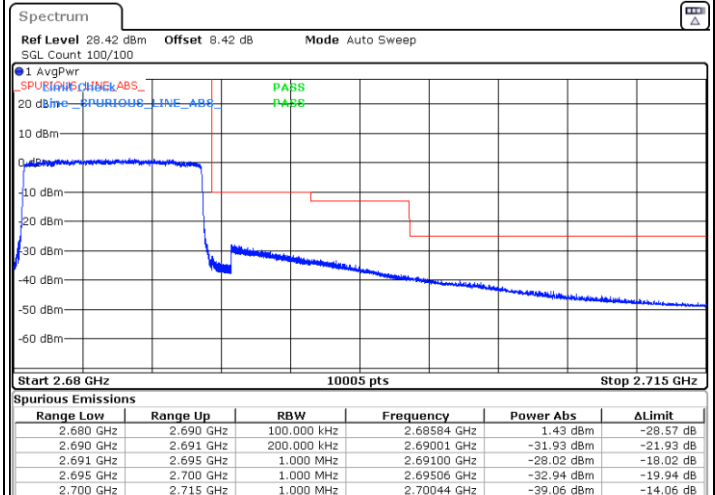
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



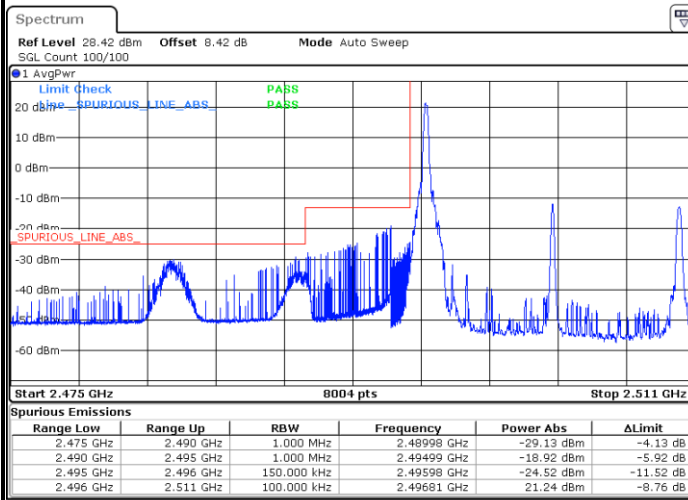
Highest Band Edge / Full RB





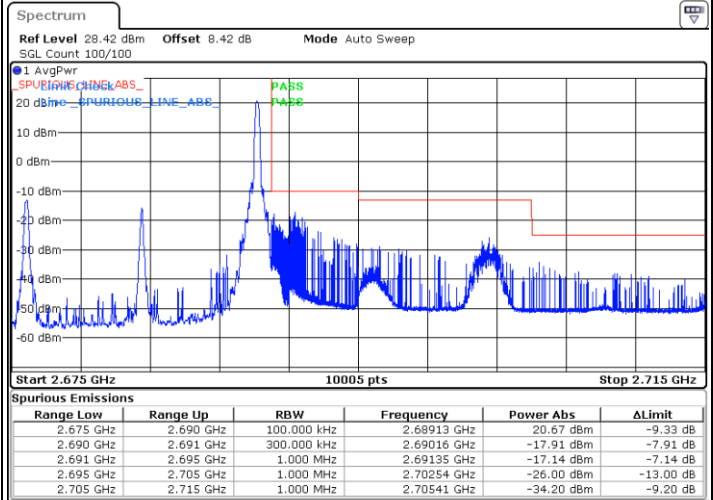
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



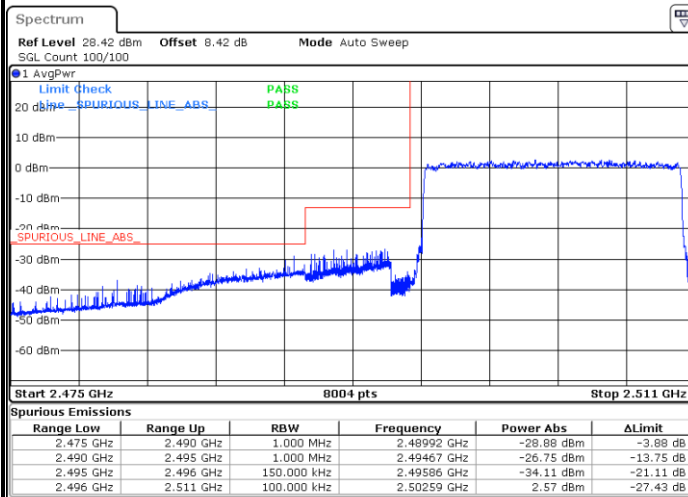
Date: 27.MAY.2024 01:47:55

Highest Band Edge / 1 RB



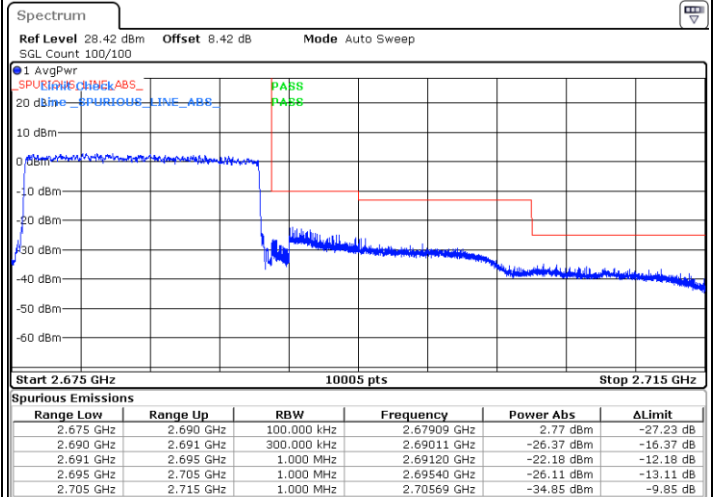
Date: 27.MAY.2024 01:52:43

Lowest Band Edge / Full RB



Date: 27.MAY.2024 01:50:20

Highest Band Edge / Full RB

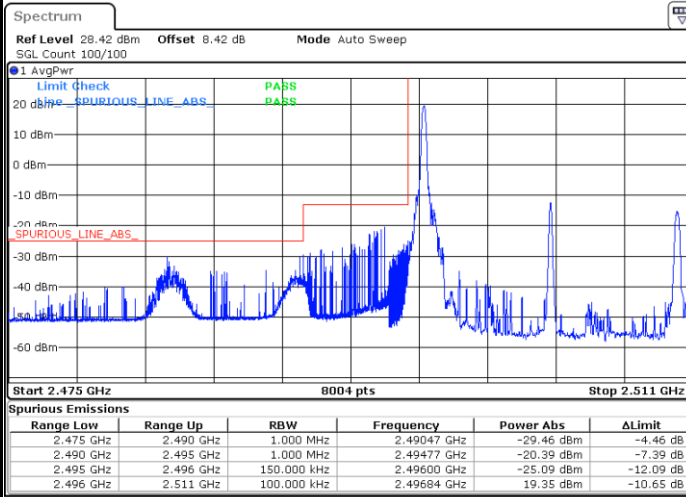


Date: 27.MAY.2024 01:55:05



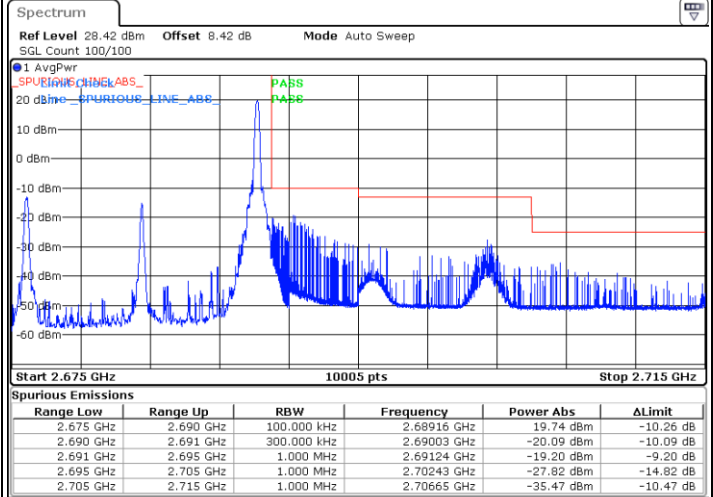
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



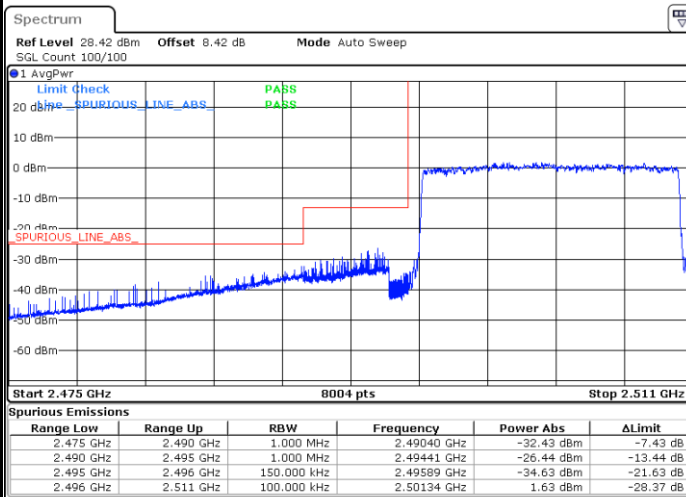
Date: 27.MAY.2024 01:49:08

Highest Band Edge / 1 RB



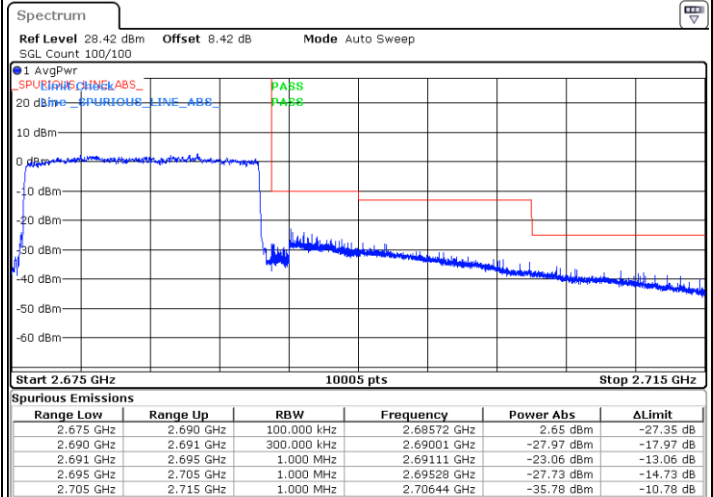
Date: 27.MAY.2024 01:53:54

Lowest Band Edge / Full RB



Date: 27.MAY.2024 01:51:33

Highest Band Edge / Full RB

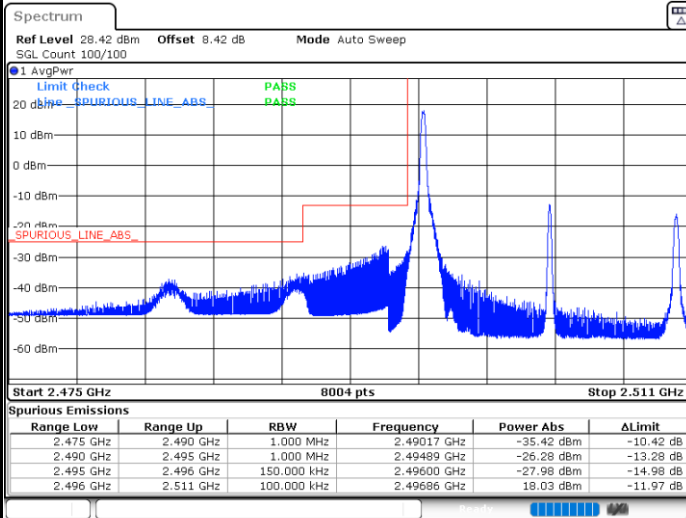


Date: 27.MAY.2024 01:56:16

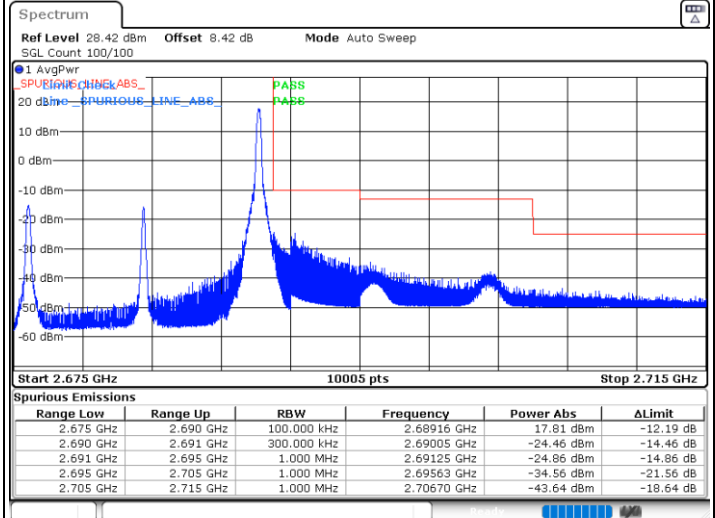


LTE Band 41 / 15MHz / 64QAM

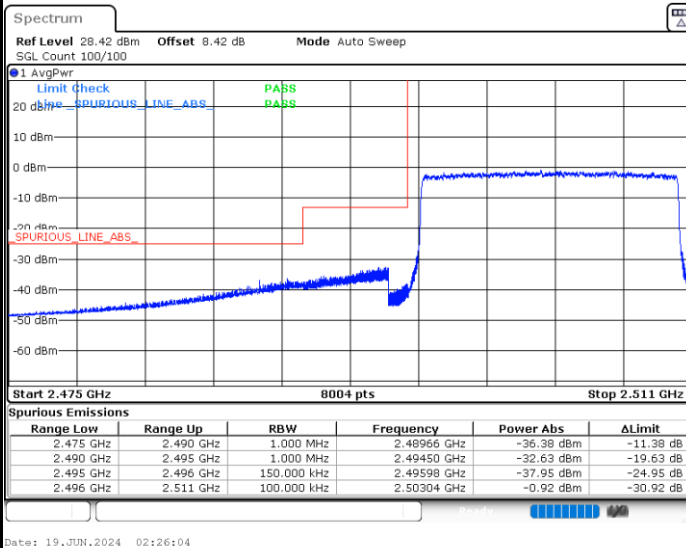
Lowest Band Edge / 1 RB



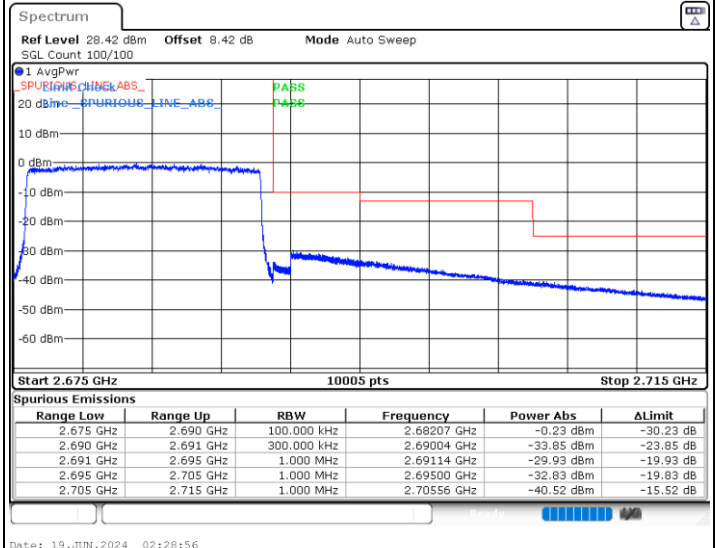
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



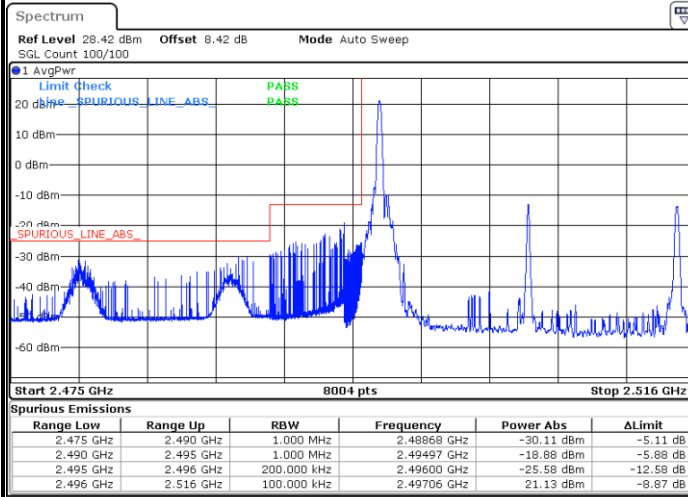
Highest Band Edge / Full RB



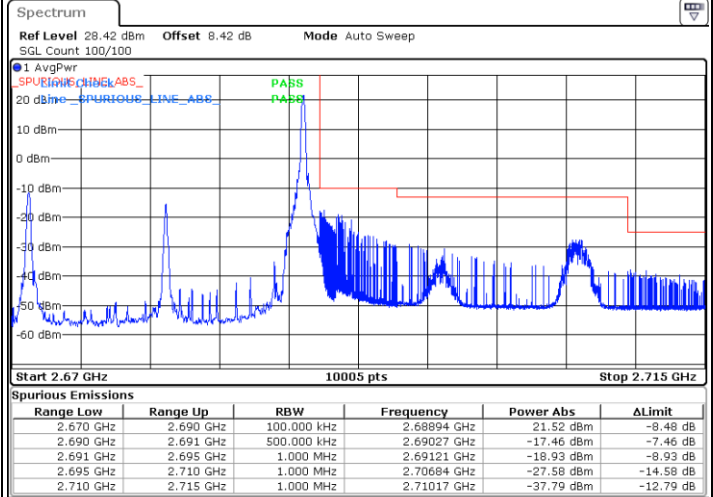


LTE Band 41 / 20MHz / QPSK

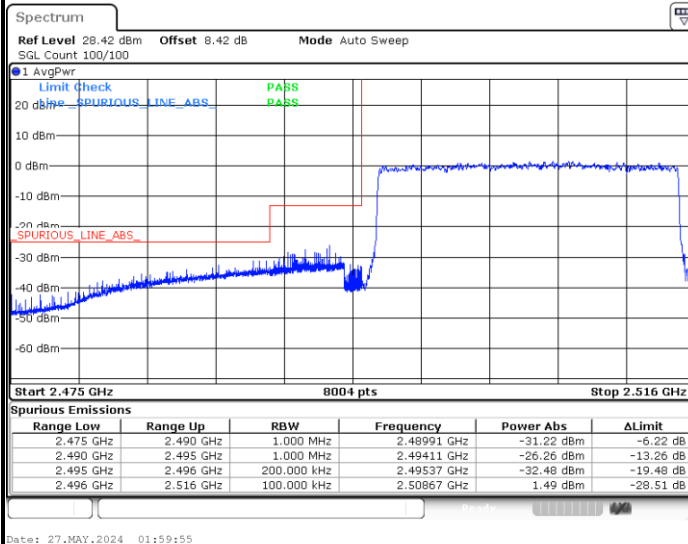
Lowest Band Edge / 1 RB



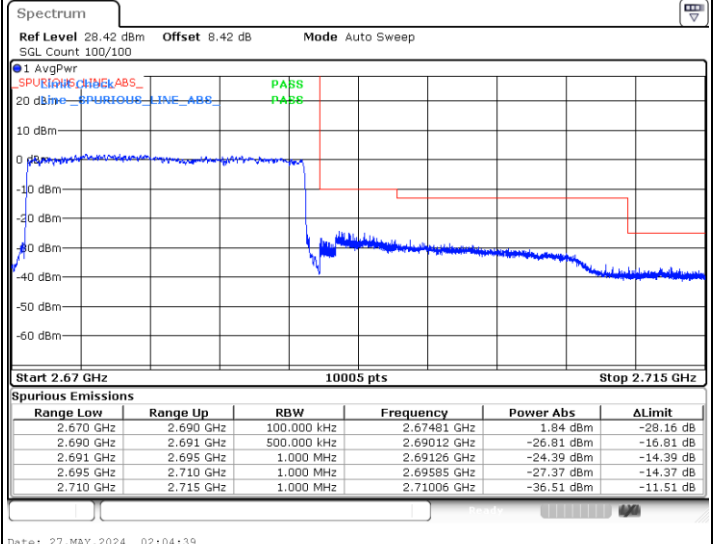
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



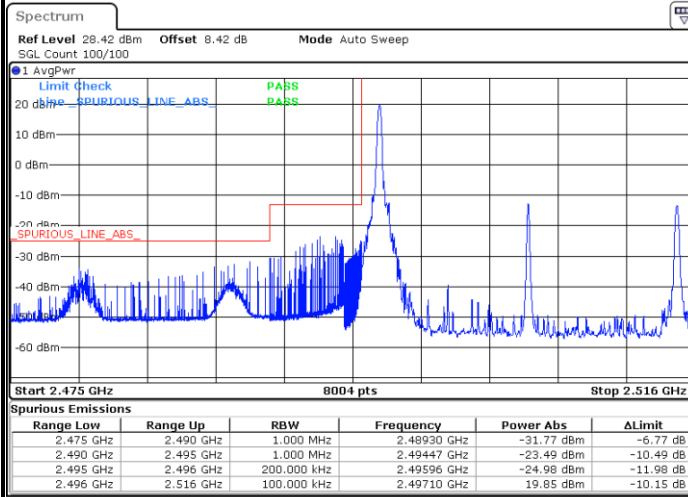
Highest Band Edge / Full RB





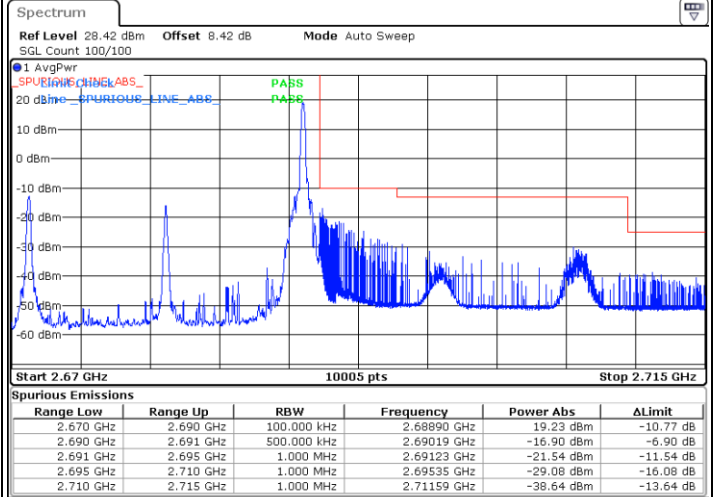
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



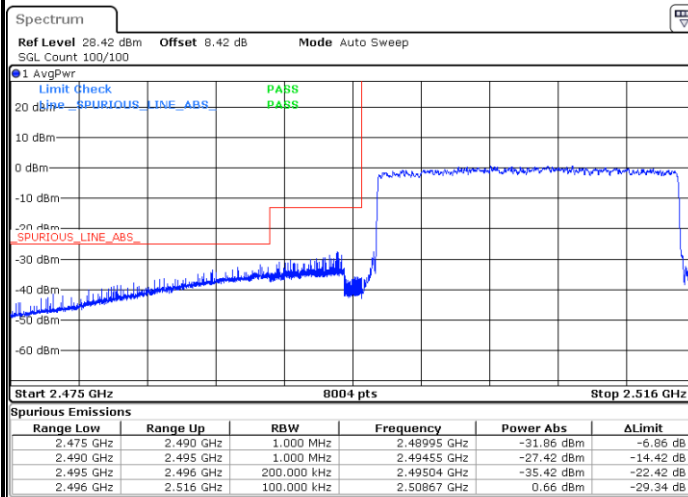
Date: 27.MAY.2024 01:58:42

Highest Band Edge / 1 RB



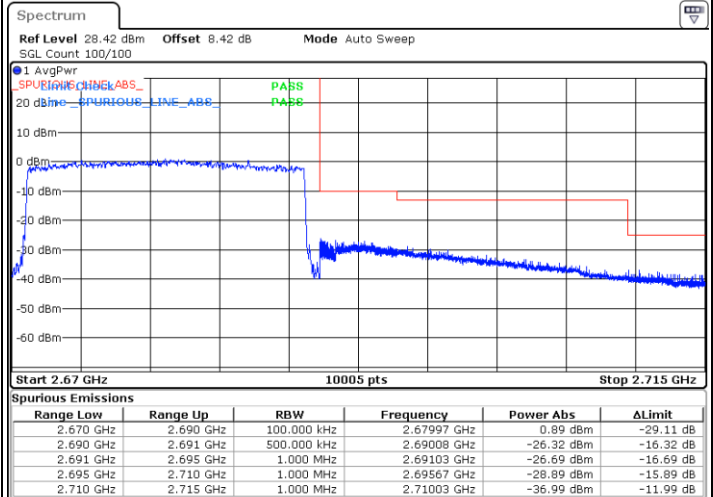
Date: 27.MAY.2024 02:03:29

Lowest Band Edge / Full RB



Date: 27.MAY.2024 02:01:07

Highest Band Edge / Full RB

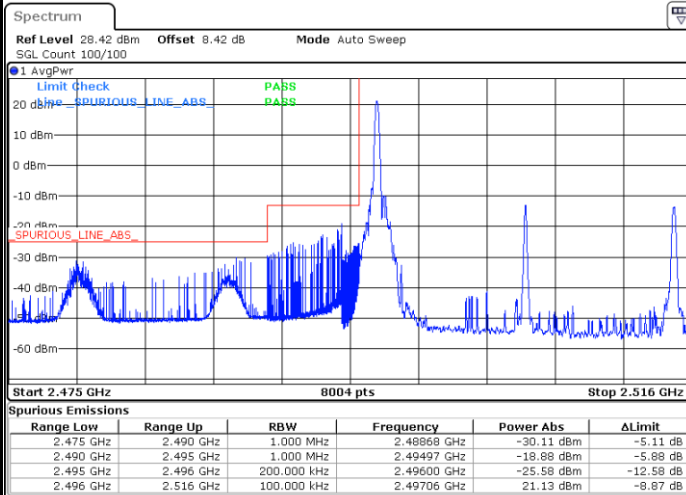


Date: 27.MAY.2024 02:05:50

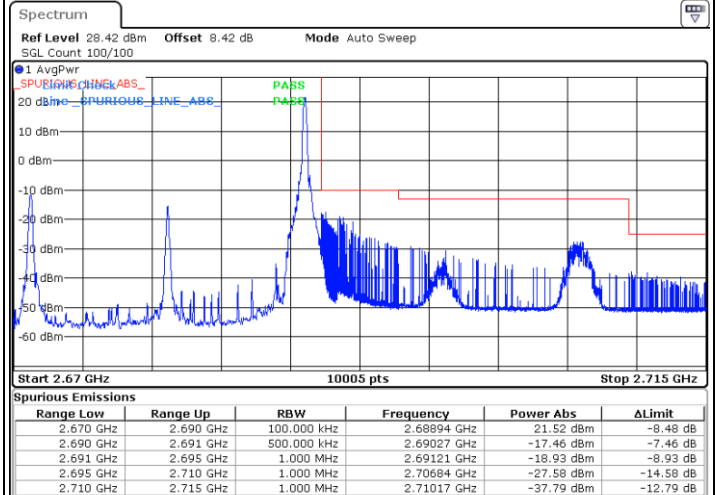


LTE Band 41 / 20MHz / 64QAM

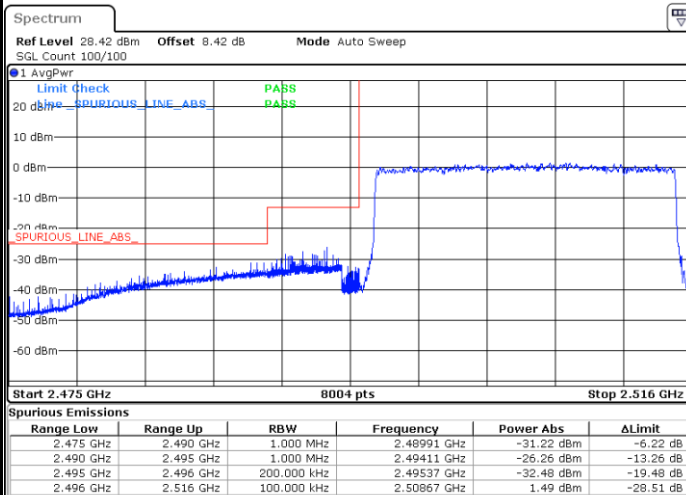
Lowest Band Edge / 1 RB



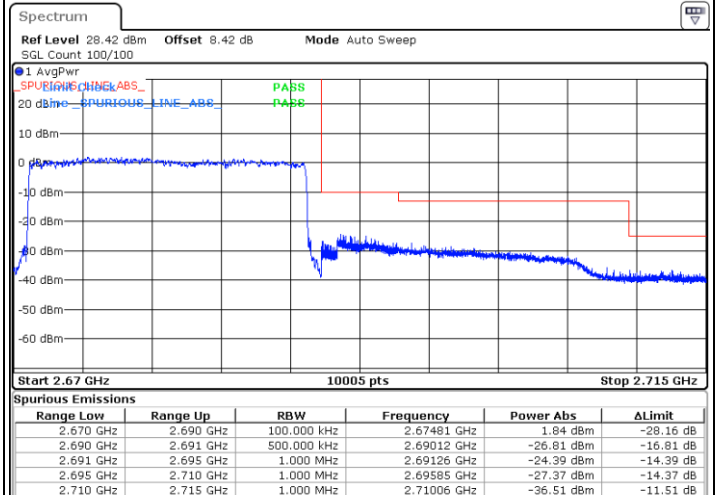
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



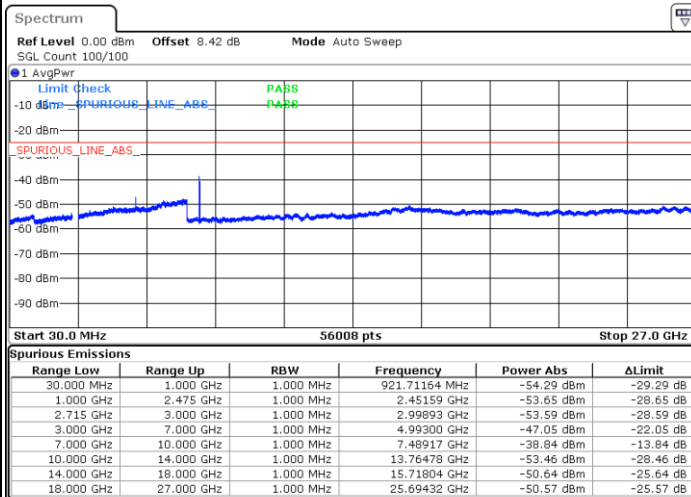


Conducted Spurious Emission

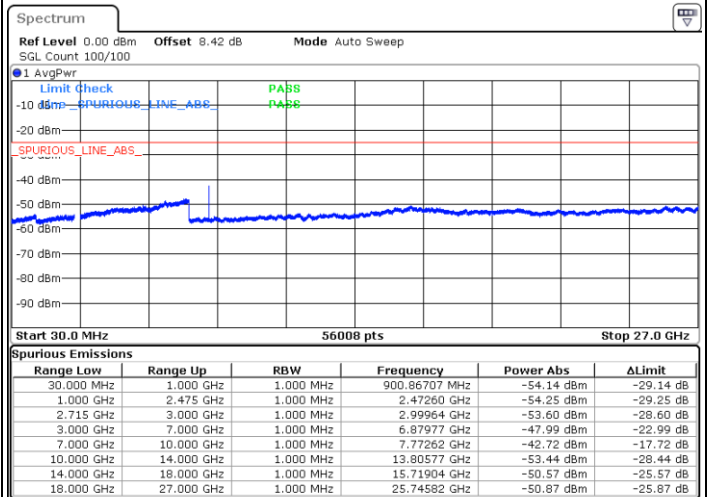
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

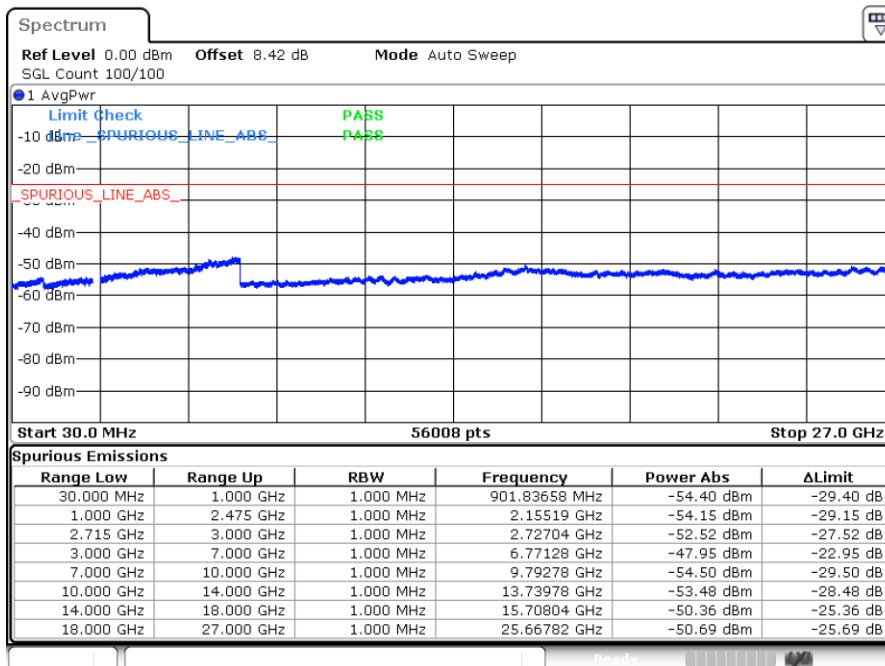


Date: 27.MAY.2024 02:16:25



Date: 27.MAY.2024 02:17:56

Highest Channel / QPSK



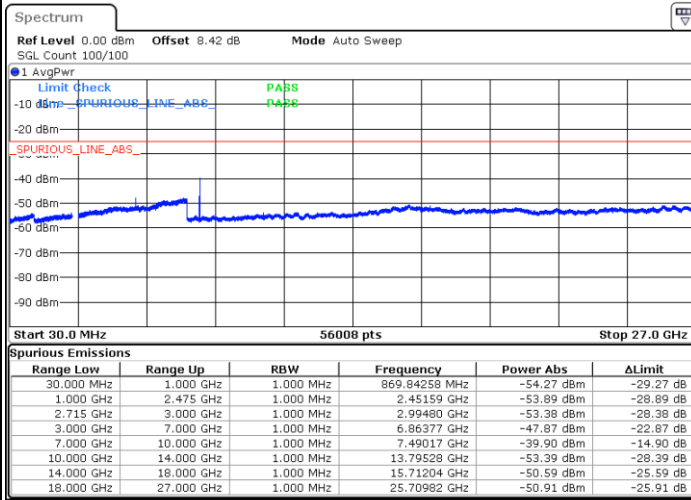
Date: 27.MAY.2024 02:19:28



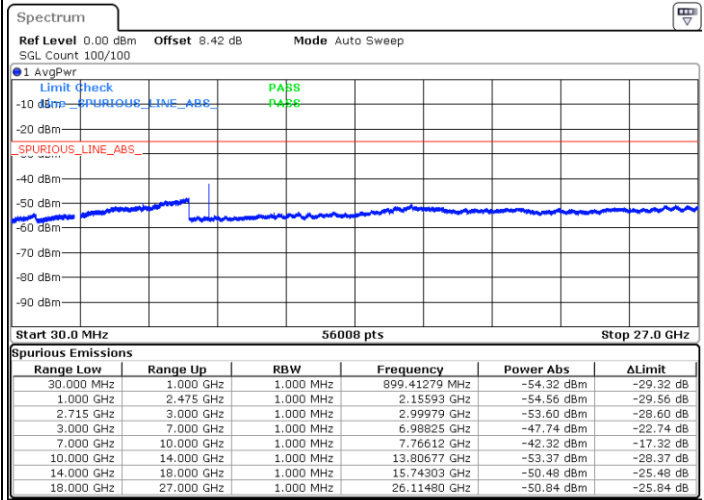
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

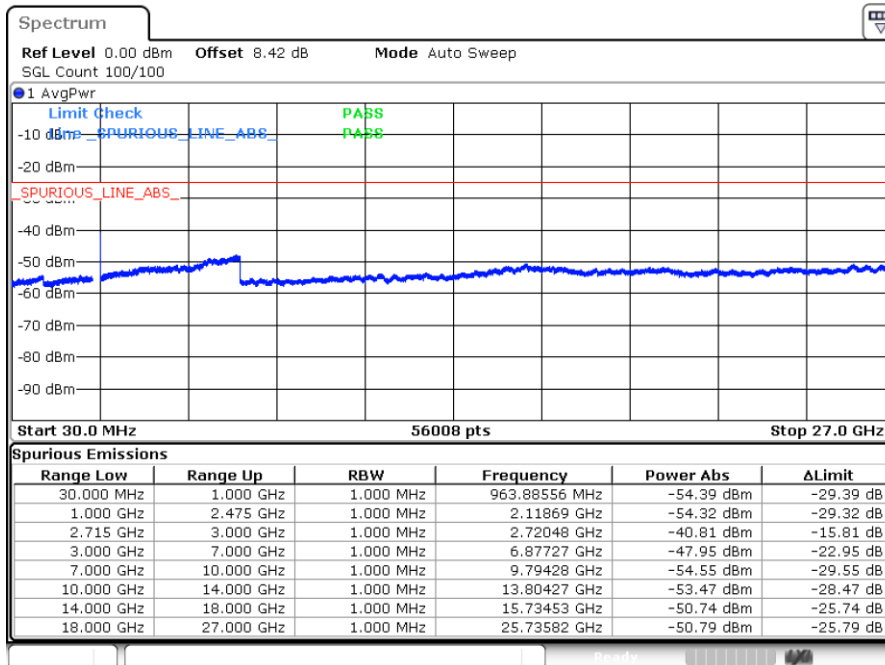


Date: 27.MAY.2024 02:21:01



Date: 27.MAY.2024 02:22:33

Highest Channel / QPSK

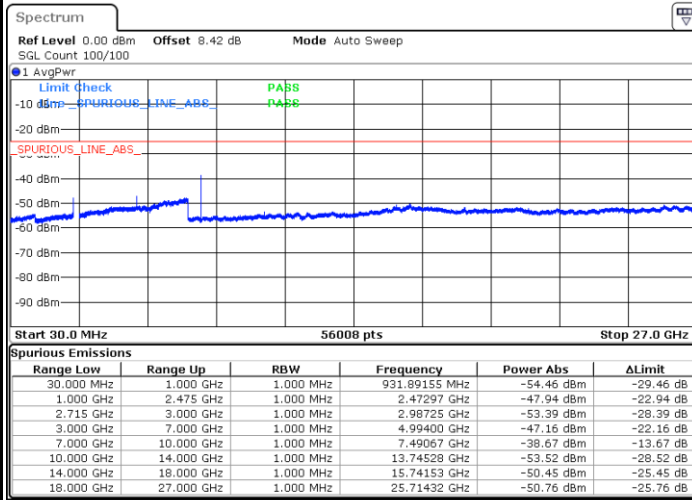


Date: 27.MAY.2024 02:24:04



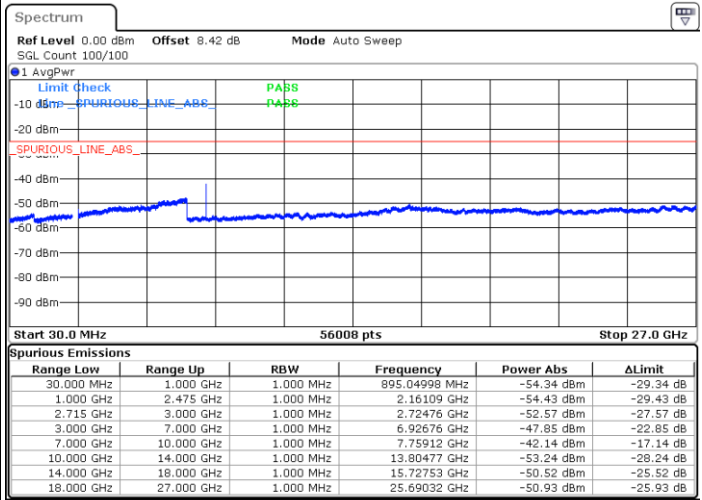
LTE Band 41 / 15MHz

Lowest Channel / QPSK



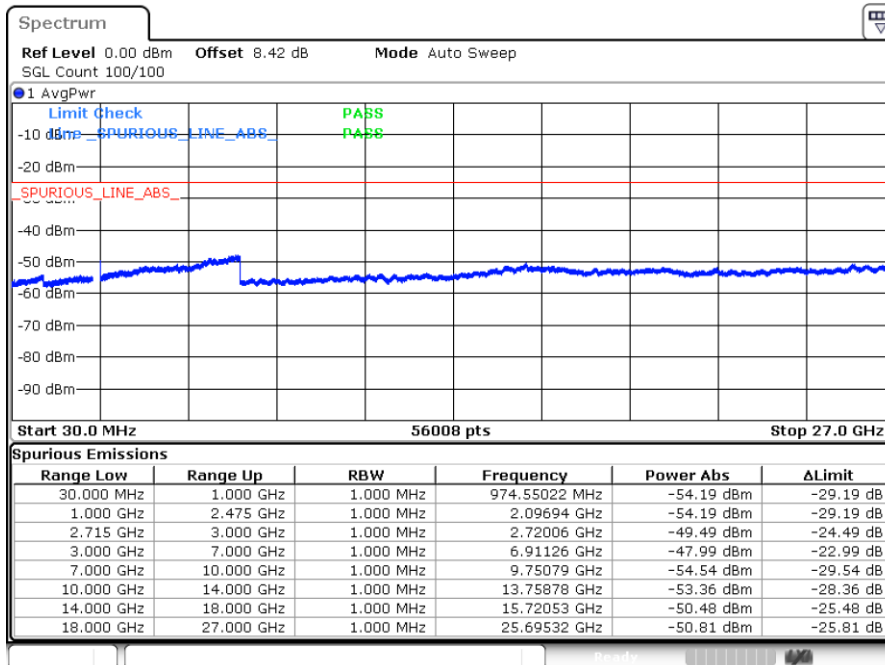
Date: 27.MAY.2024 02:25:37

Middle Channel / QPSK



Date: 27.MAY.2024 02:27:09

Highest Channel / QPSK



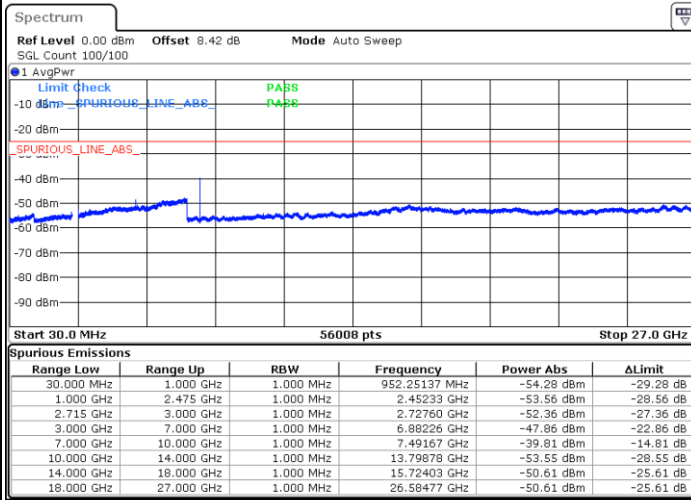
Date: 27.MAY.2024 02:28:40



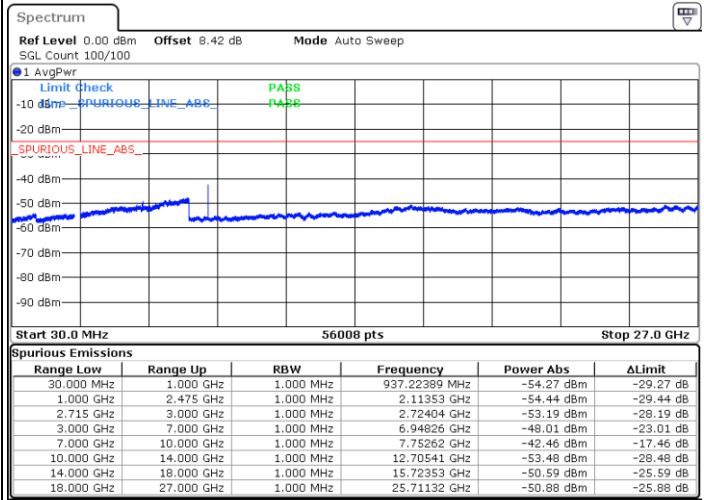
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

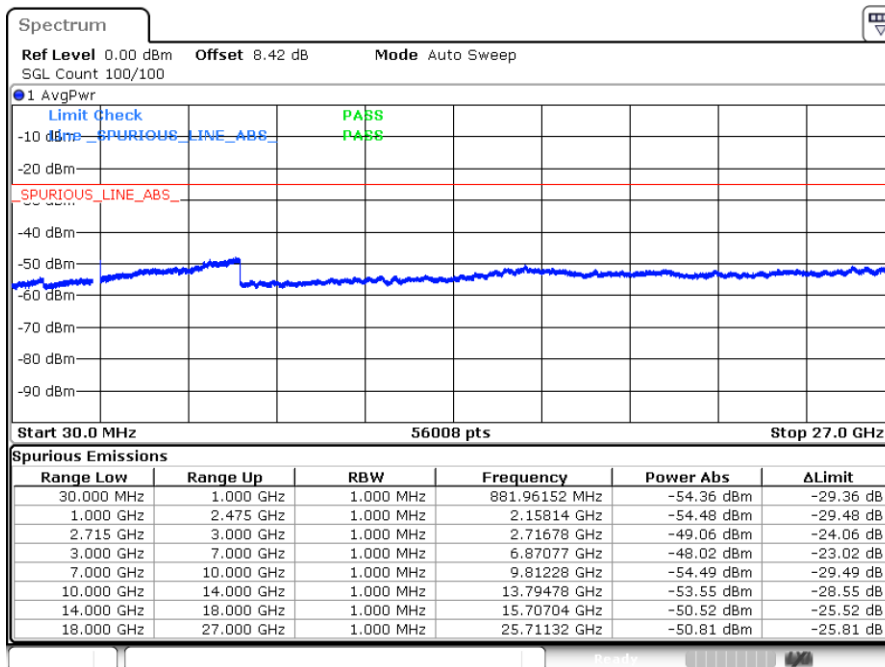


Date: 27.MAY.2024 02:30:13



Date: 27.MAY.2024 02:31:45

Highest Channel / QPSK



Date: 28.MAY.2024 00:01:26

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	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.6 V. ; Maximum Voltage =7.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



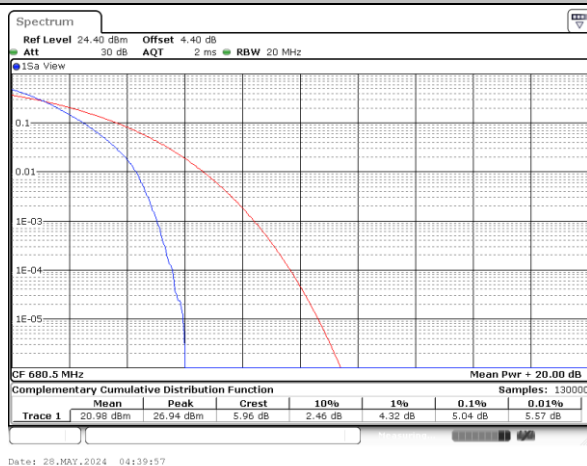
LTE Band 71

Peak-to-Average Ratio

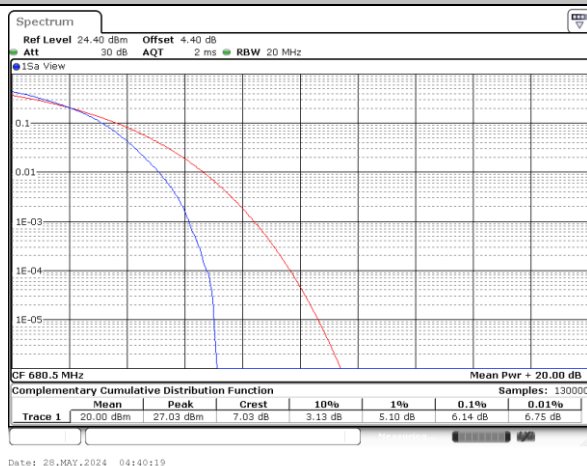
Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.14	6.61	PASS

LTE Band 71 / 20MHz

Middle Channel / Full RB / QPSK

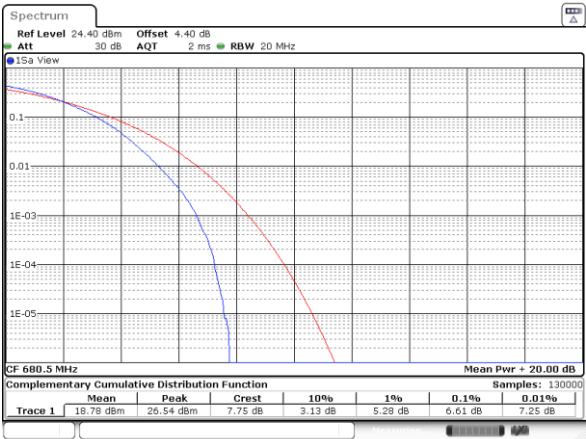


Middle Channel / Full RB / 16QAM





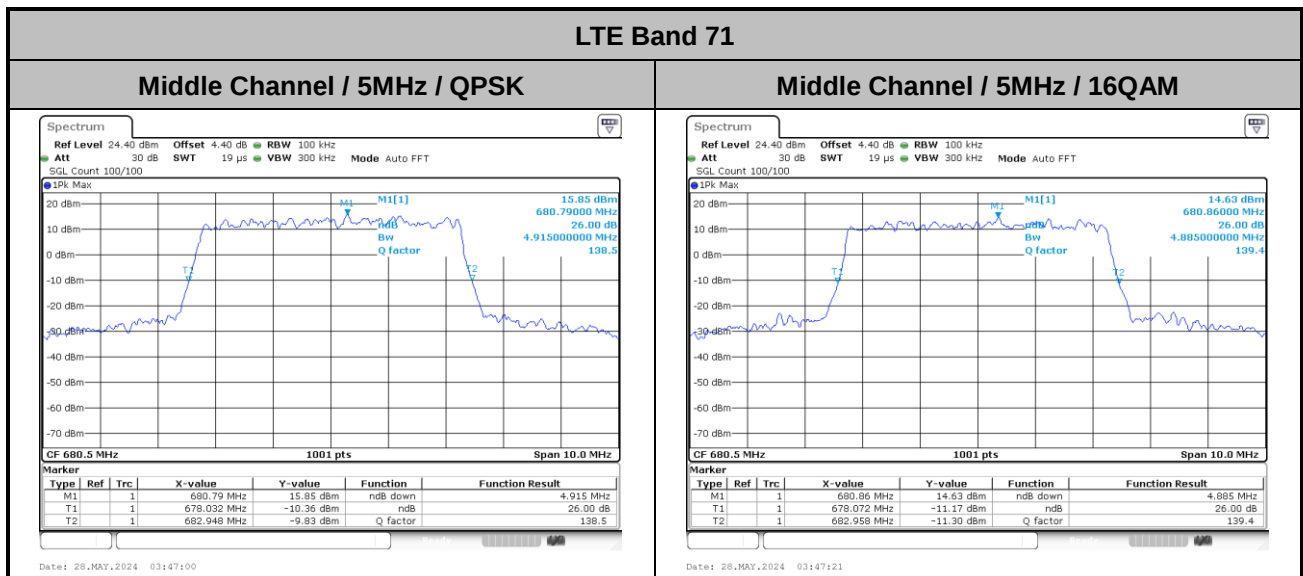
Middle Channel / Full RB / 64QAM



Date: 19.JUN.2024 04:34:47

**26dB Bandwidth**

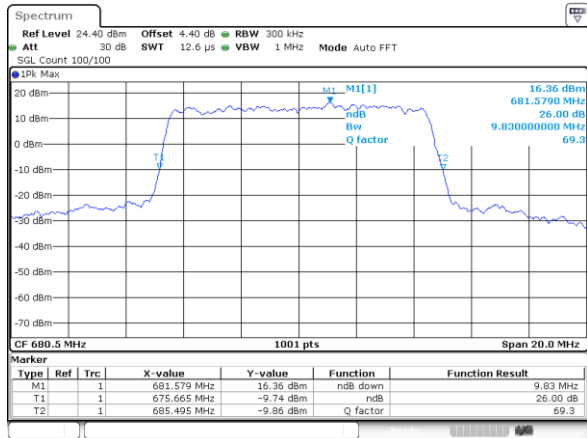
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.89
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.73
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.18	14.51
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.98	19.02



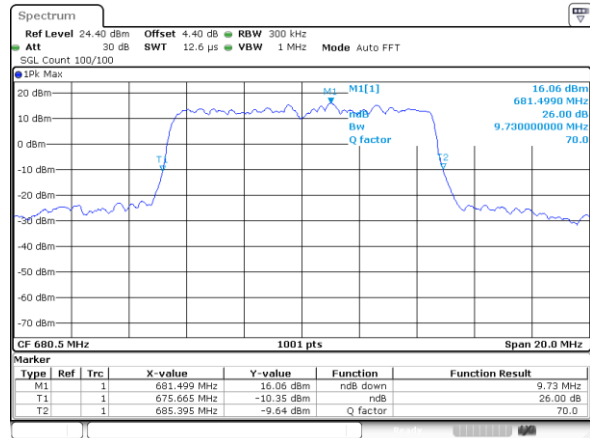


LTE Band 71

Middle Channel / 10MHz / QPSK

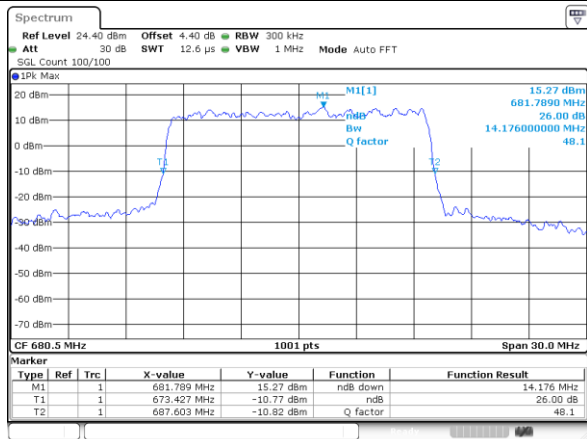


Middle Channel / 10MHz / 16QAM

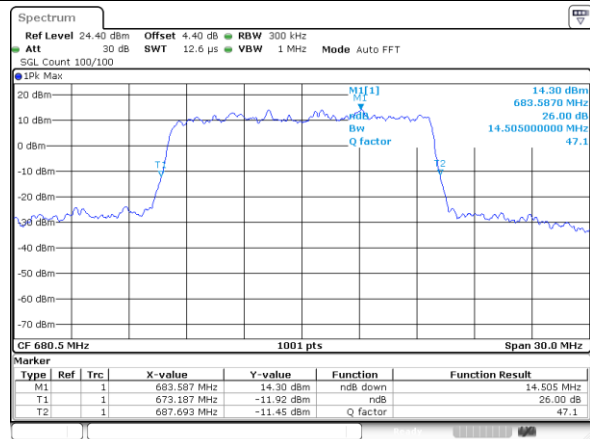


LTE Band 71

Middle Channel / 15MHz / QPSK

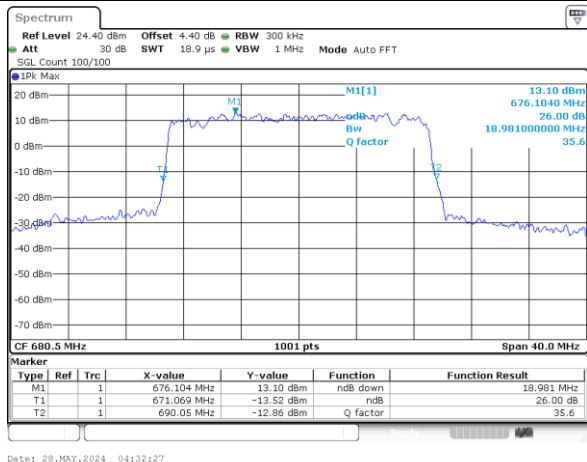


Middle Channel / 15MHz / 16QAM

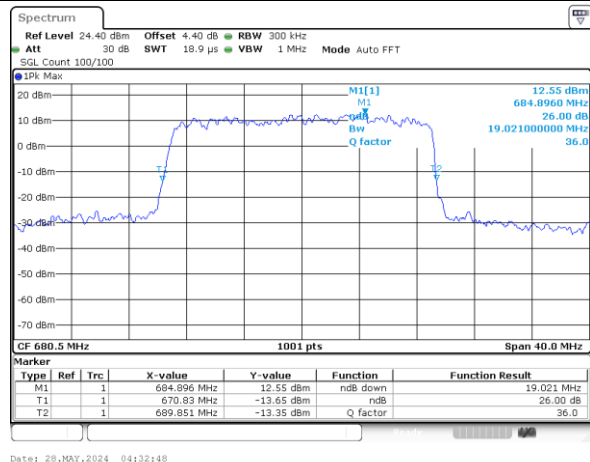


LTE Band 71

Middle Channel / 20MHz / QPSK



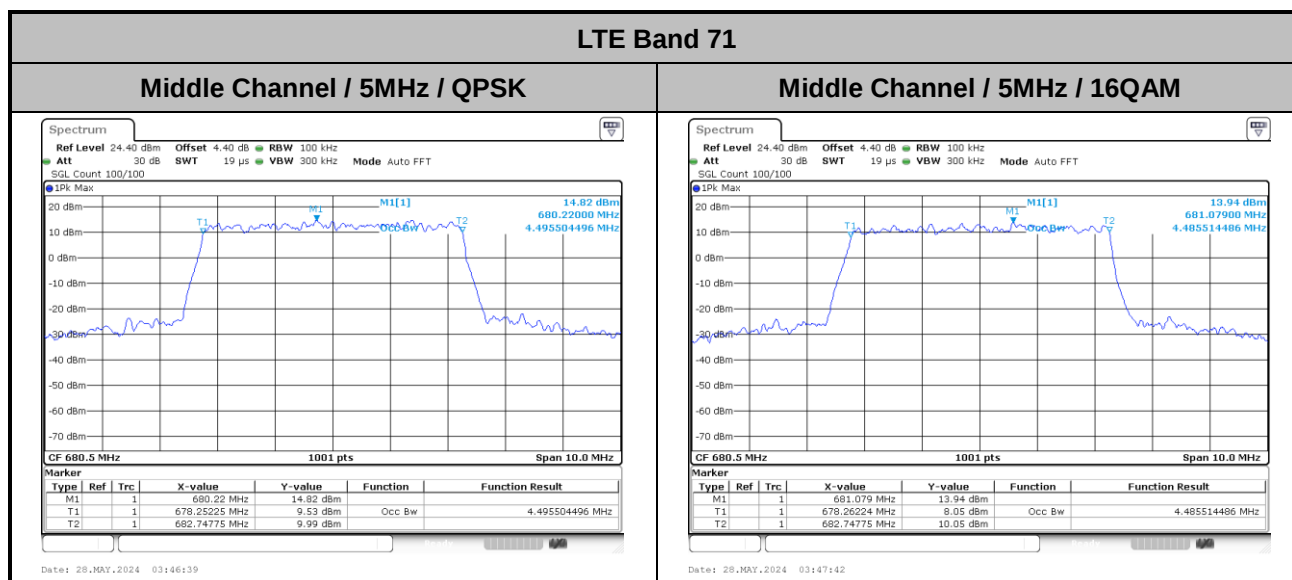
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

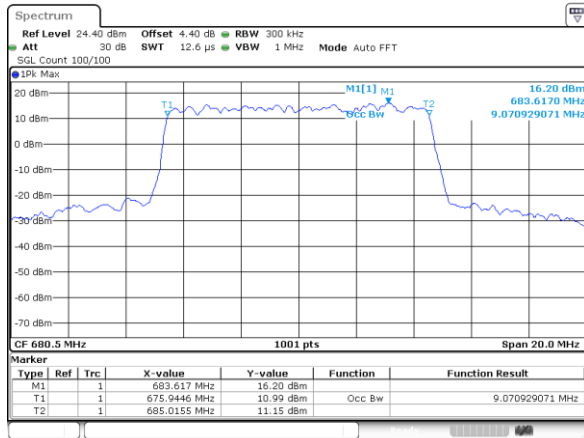
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.37
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.74	17.86



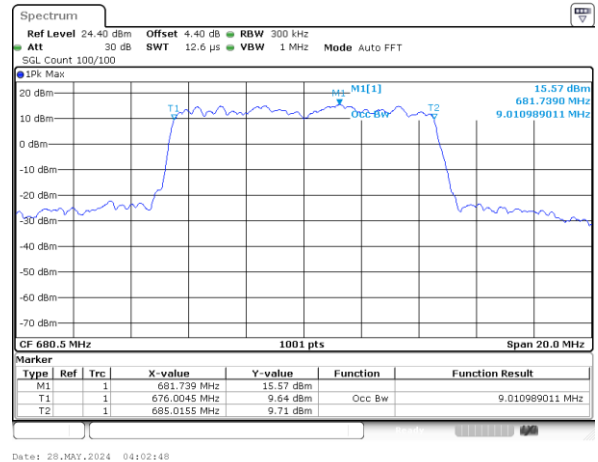


LTE Band 71

Middle Channel / 10MHz / QPSK

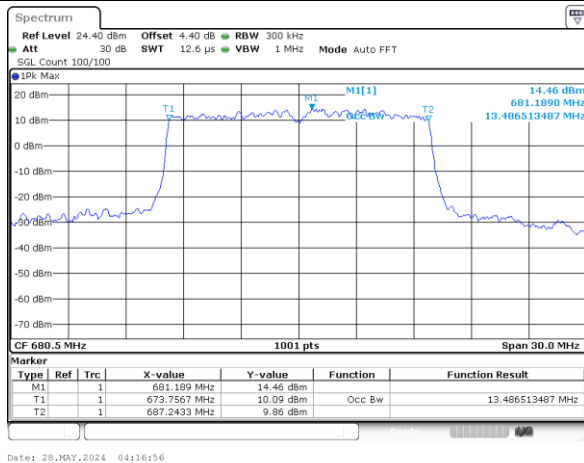


Middle Channel / 10MHz / 16QAM

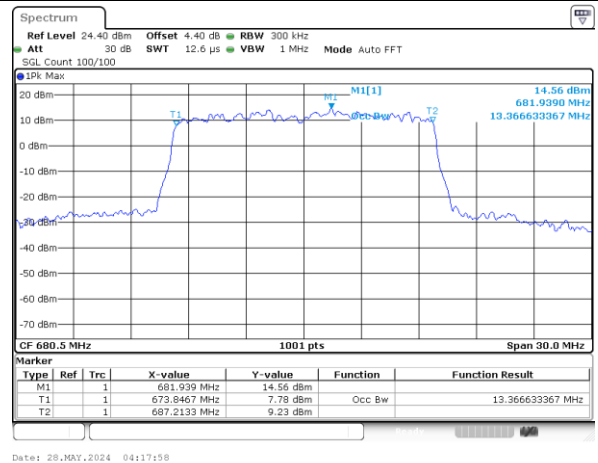


LTE Band 71

Middle Channel / 15MHz / QPSK

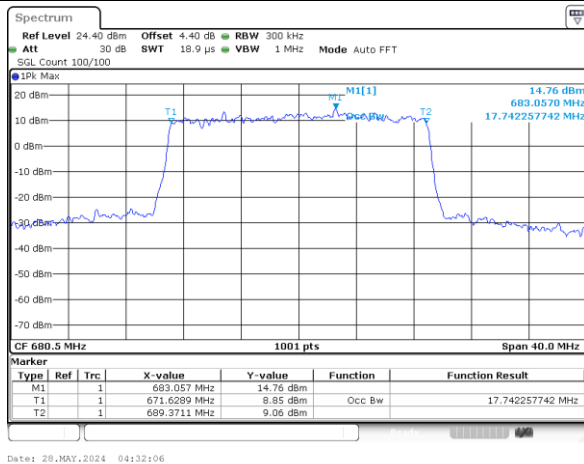


Middle Channel / 15MHz / 16QAM

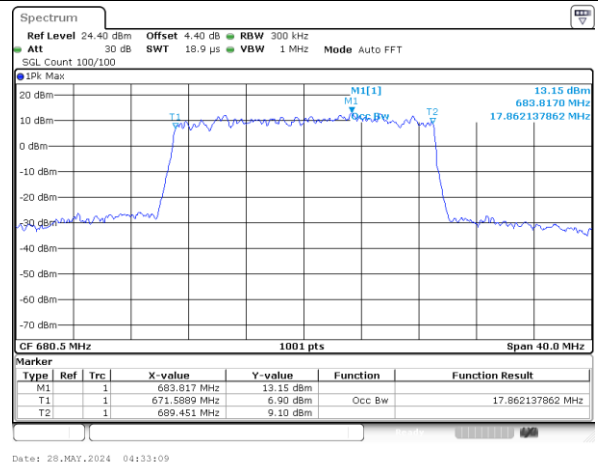


LTE Band 71

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

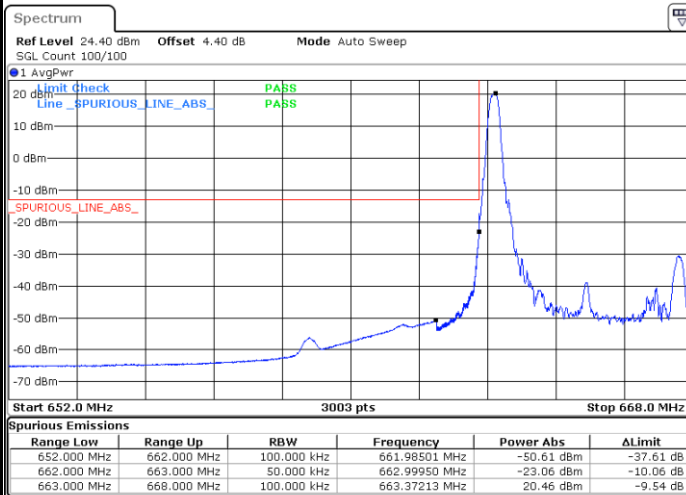




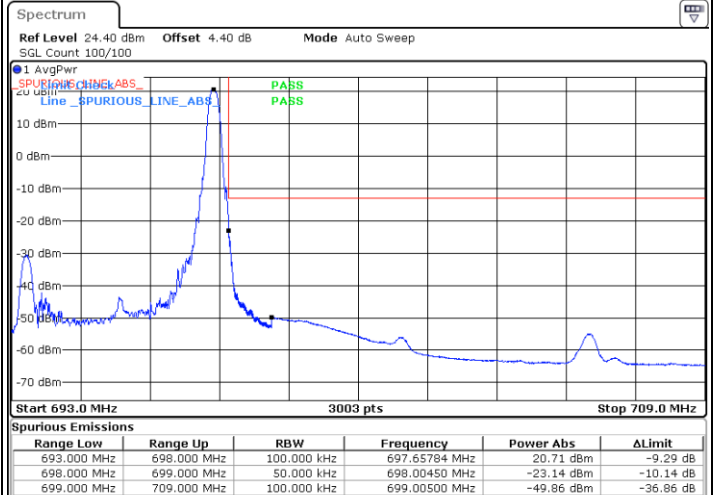
Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

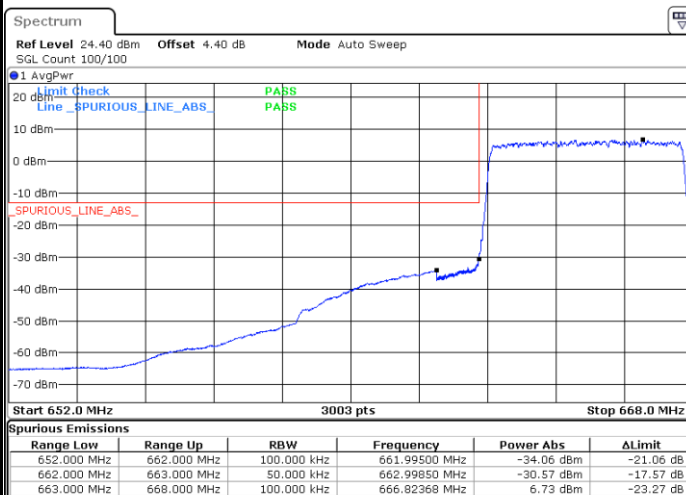
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

