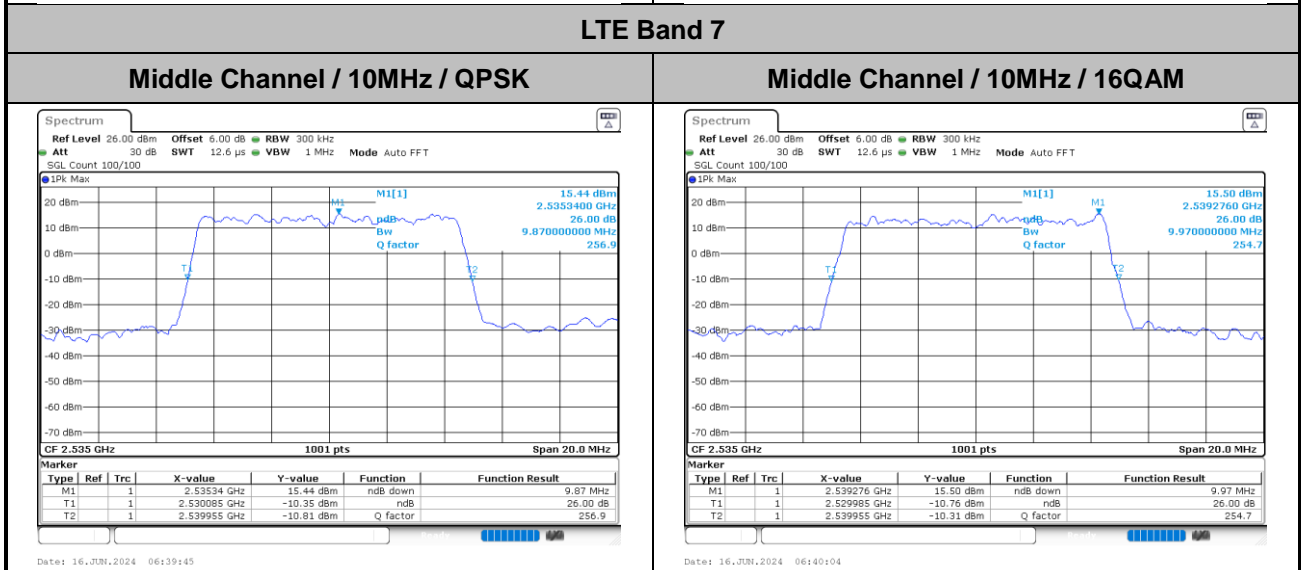
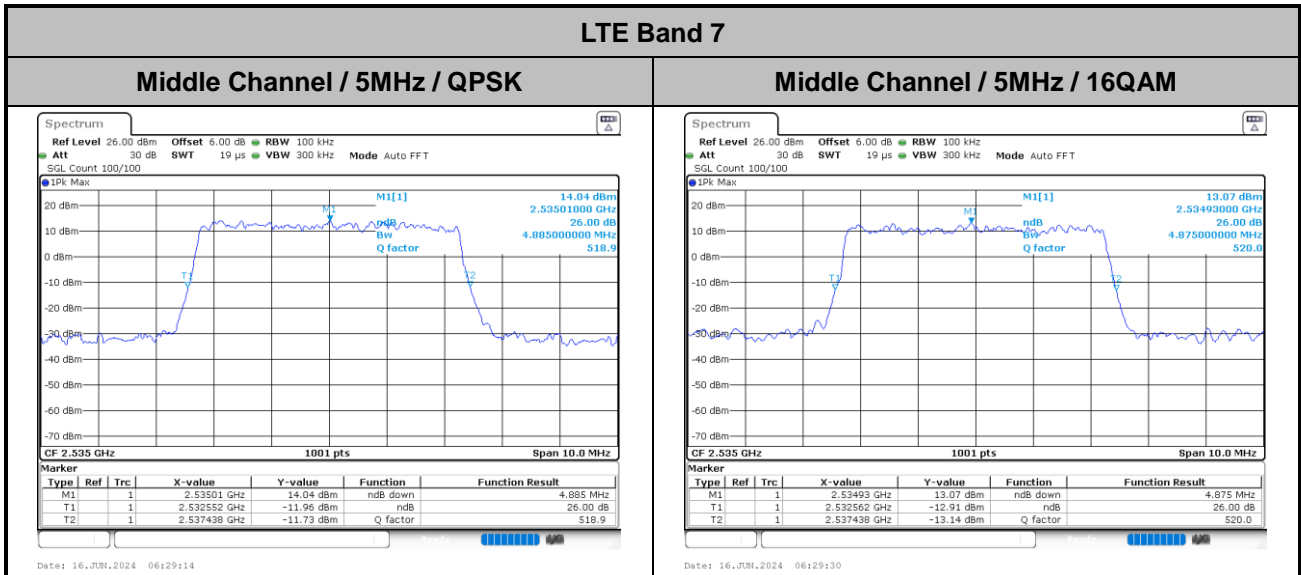




26dB Bandwidth

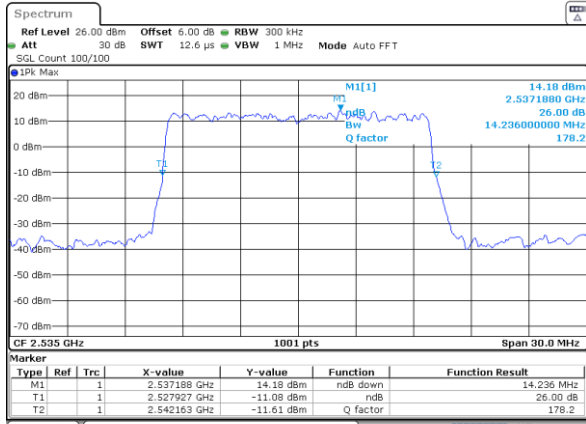
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.89	4.88	9.87	9.97	14.24	14.42	18.82	18.94



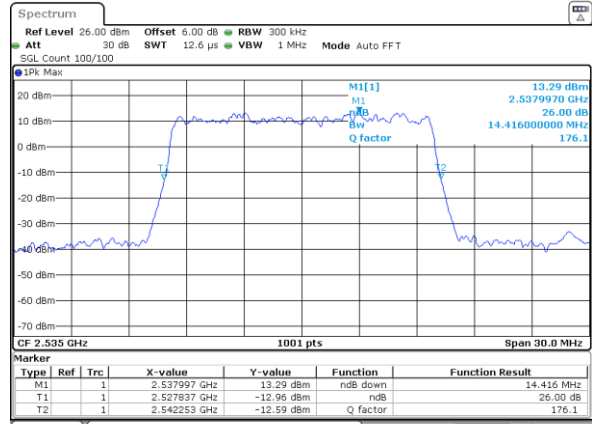


LTE Band 7

Middle Channel / 15MHz / QPSK

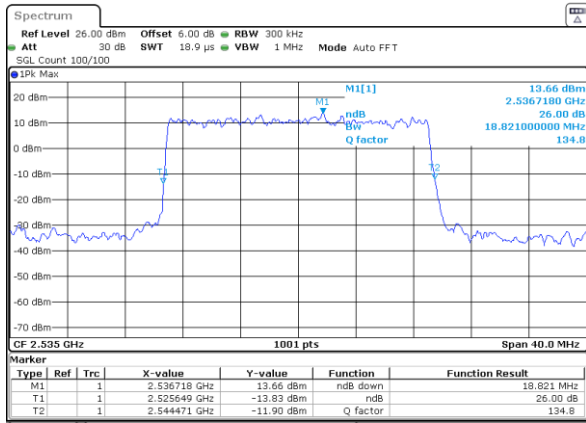


Middle Channel / 15MHz / 16QAM

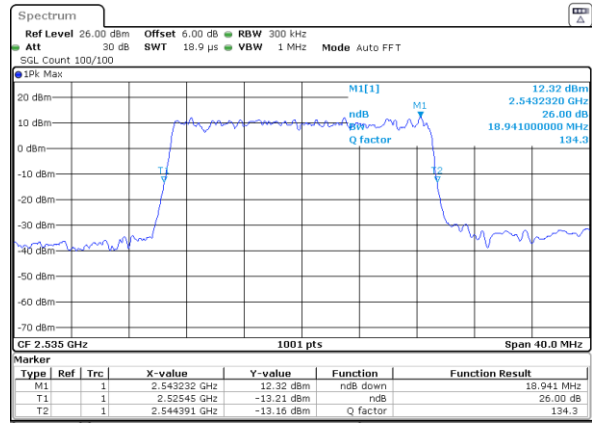


LTE Band 7

Middle Channel / 20MHz / QPSK



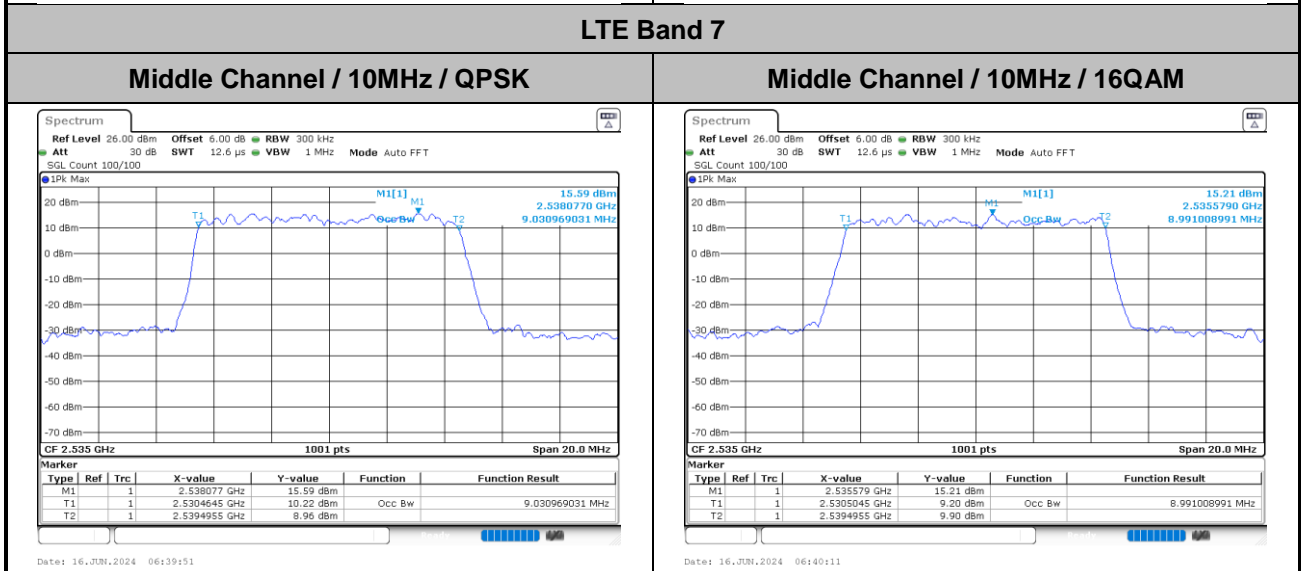
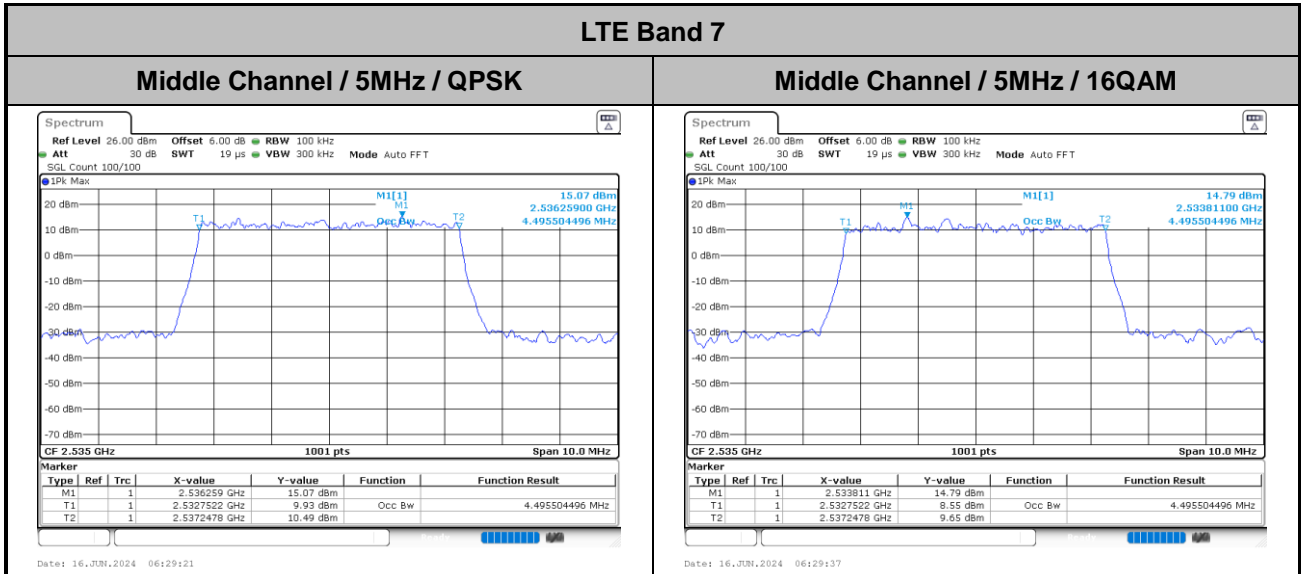
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

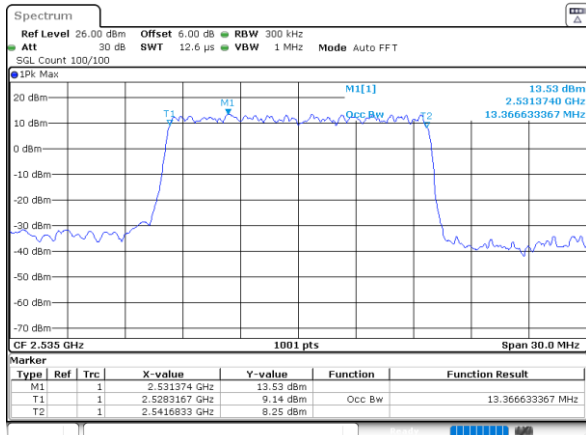
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.50	9.03	8.99	13.37	13.40	17.90	17.86





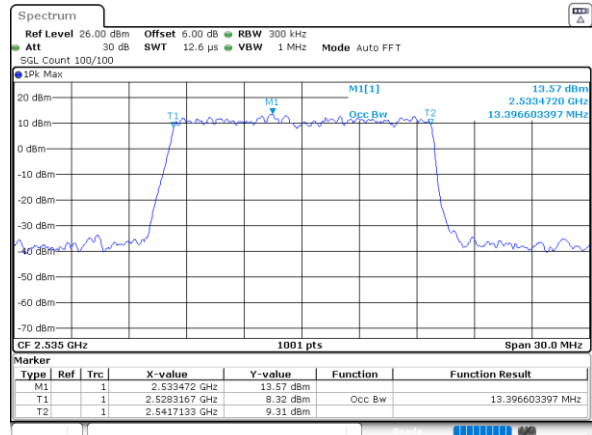
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 16 JUN 2024 06:49:54

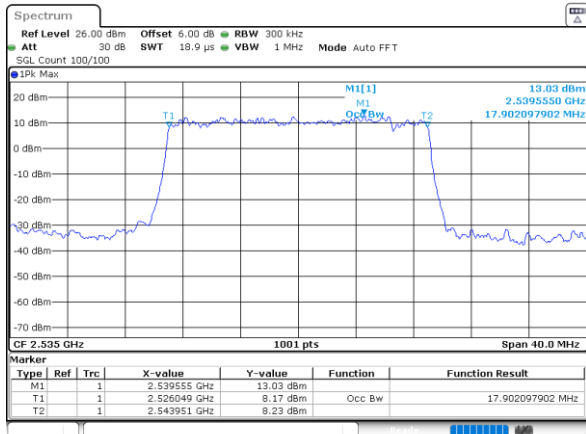
Middle Channel / 15MHz / 16QAM



Date: 16 JUN 2024 06:50:13

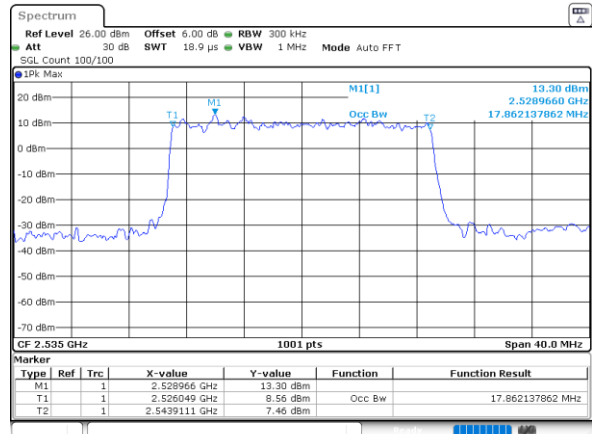
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 16 JUN 2024 06:59:53

Middle Channel / 20MHz / 16QAM



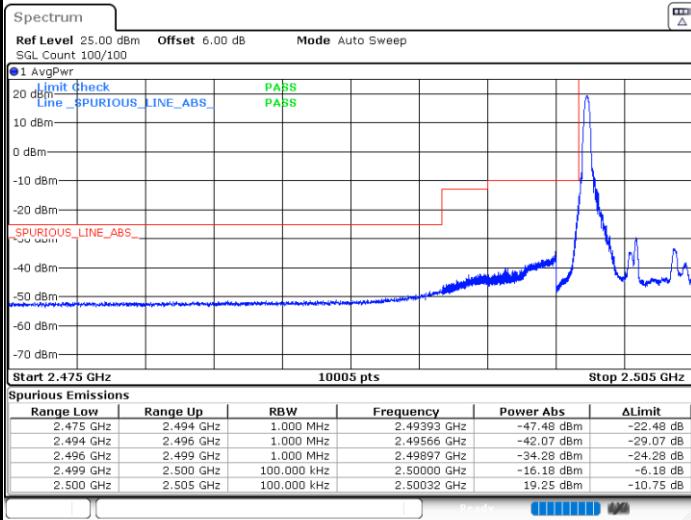
Date: 16 JUN 2024 07:00:19



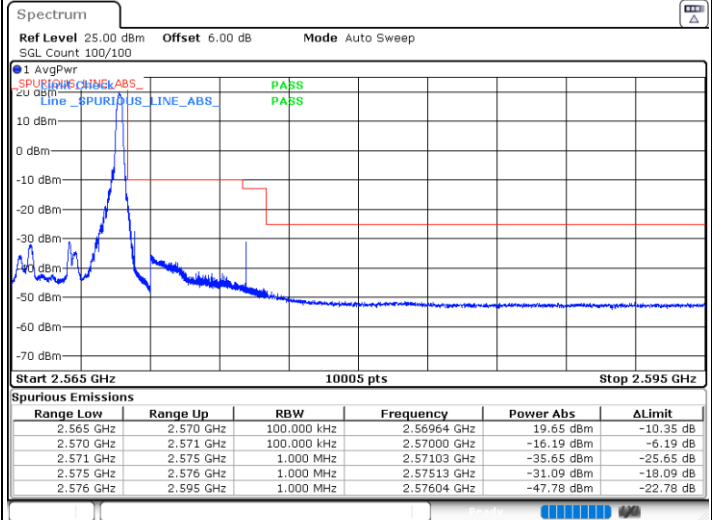
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

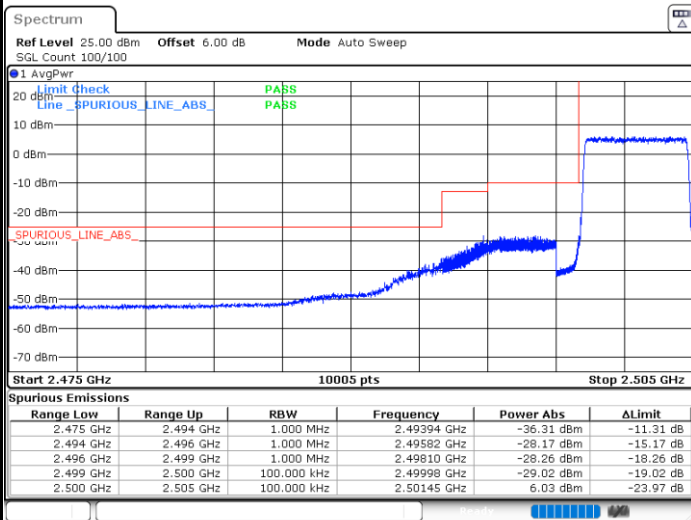
Lowest Band Edge / 1 RB



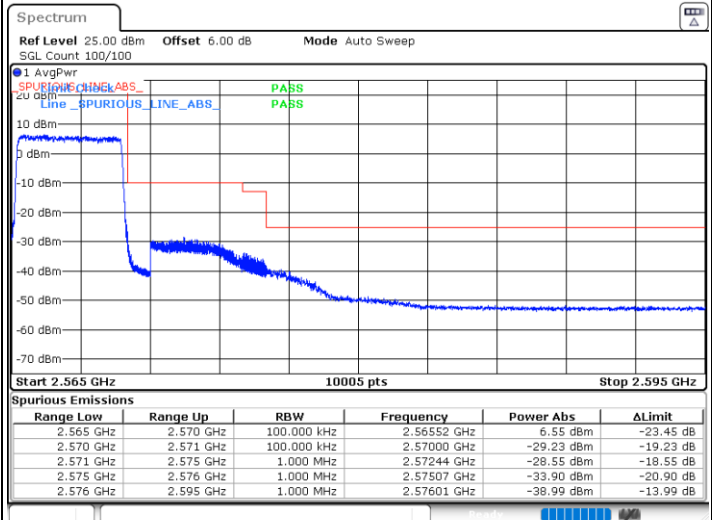
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



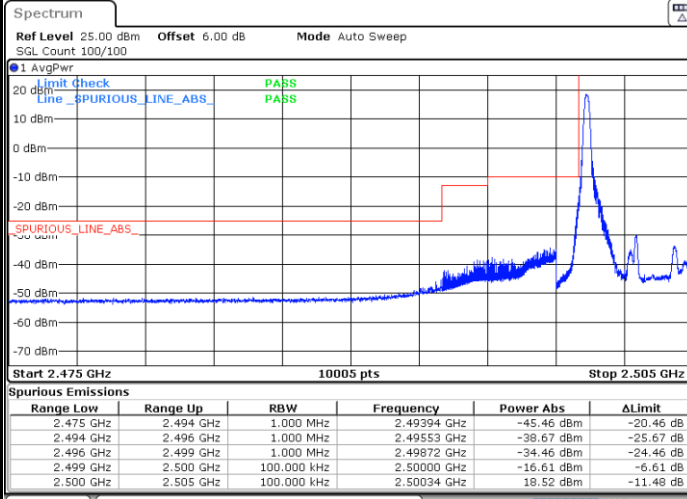
Highest Band Edge / Full RB





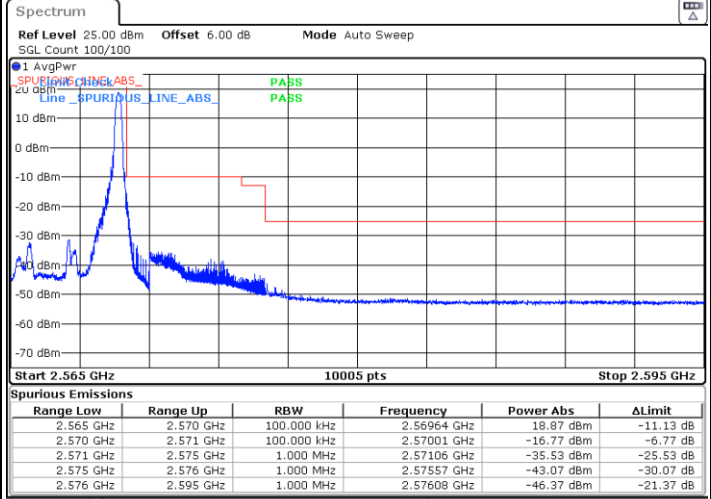
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



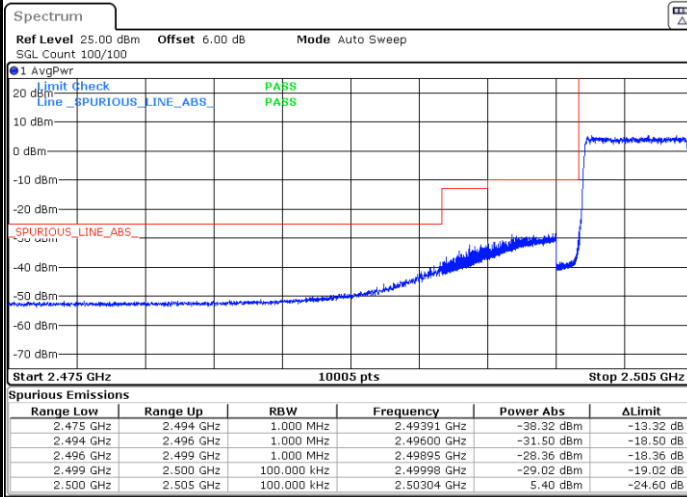
Date: 16 JUN 2024 06:26:51

Highest Band Edge / 1 RB



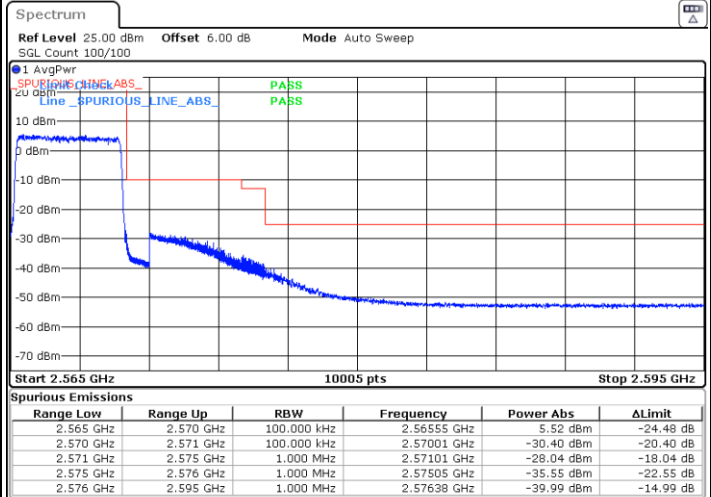
Date: 16 JUN 2024 06:33:01

Lowest Band Edge / Full RB



Date: 16 JUN 2024 06:28:32

Highest Band Edge / Full RB



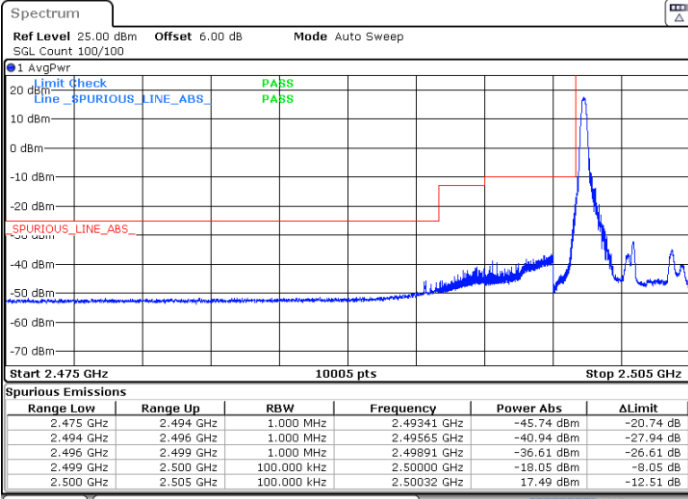
Date: 16 JUN 2024 06:35:01



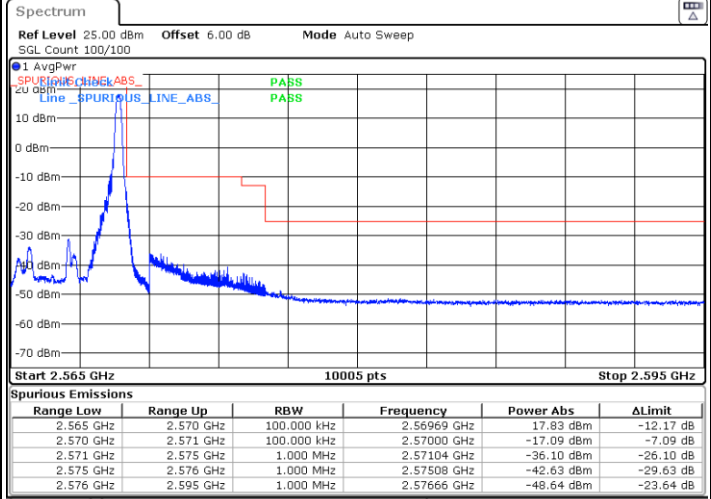
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



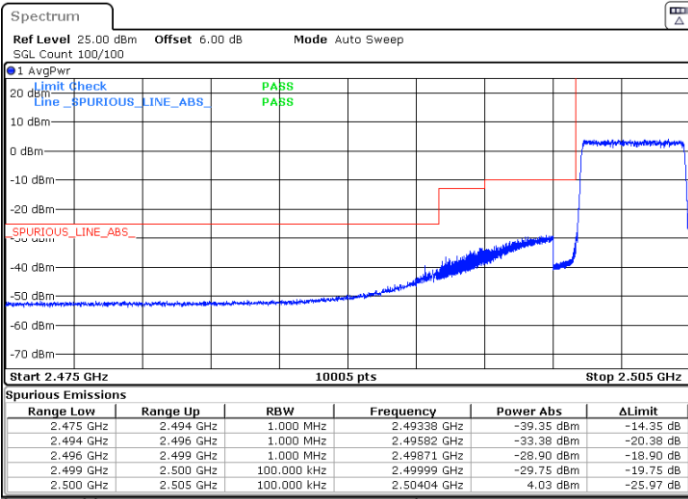
Date: 16.JUN.2024 06:27:11



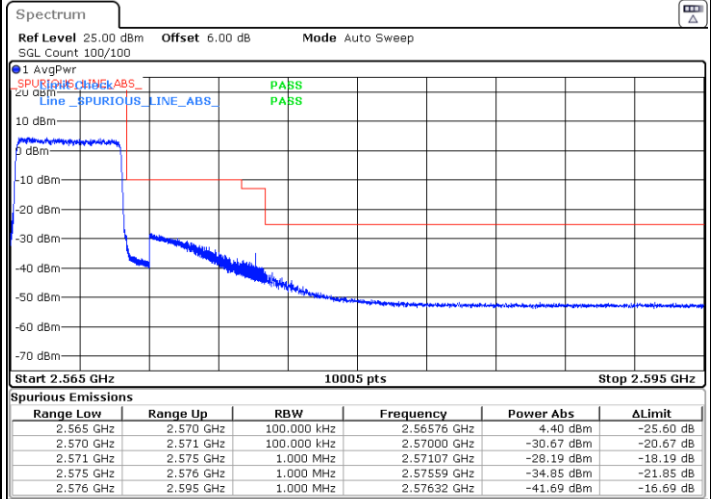
Date: 16.JUN.2024 06:33:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:28:14



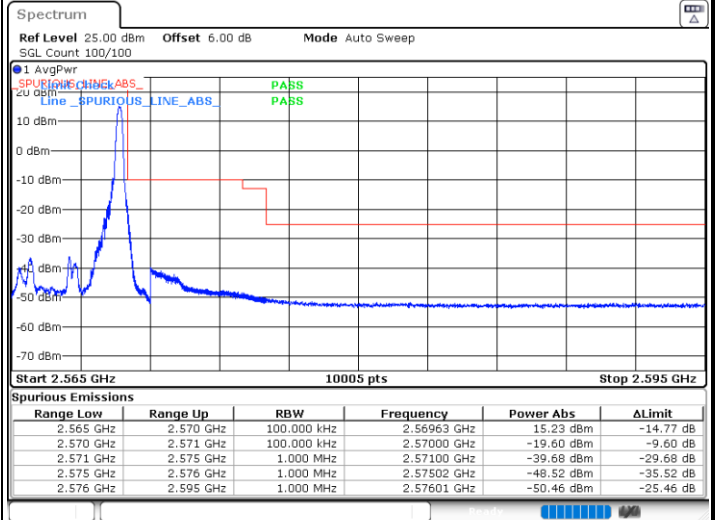
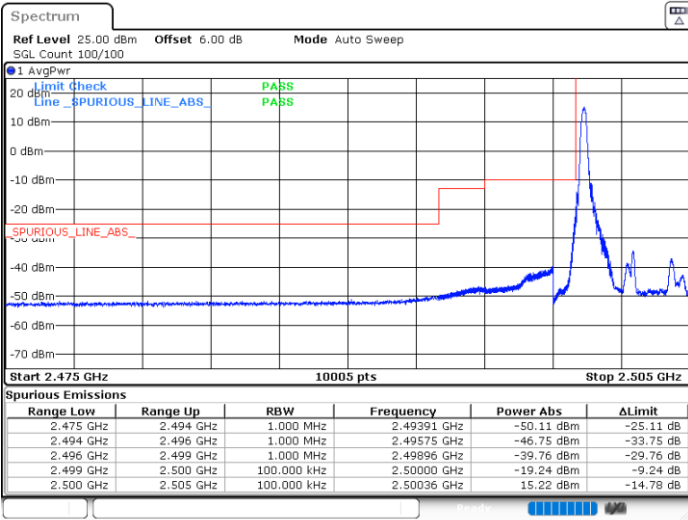
Date: 16.JUN.2024 06:34:12



LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

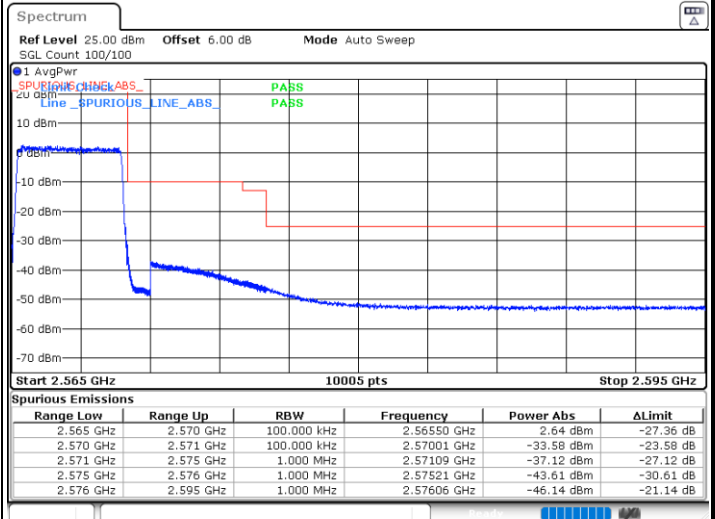
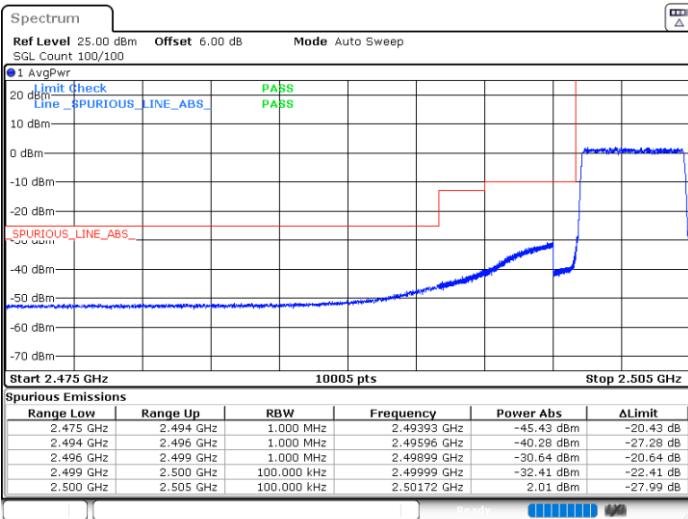


Date: 16 JUN 2024 06:27:33

Date: 16 JUN 2024 06:33:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 JUN 2024 06:27:57

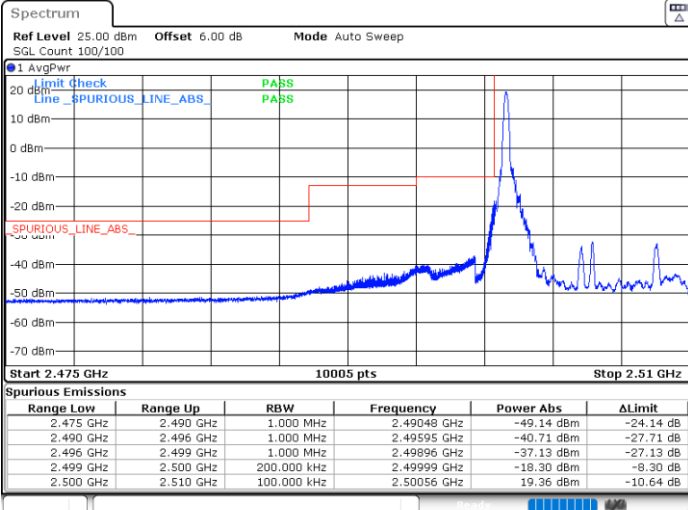
Date: 16 JUN 2024 06:33:55



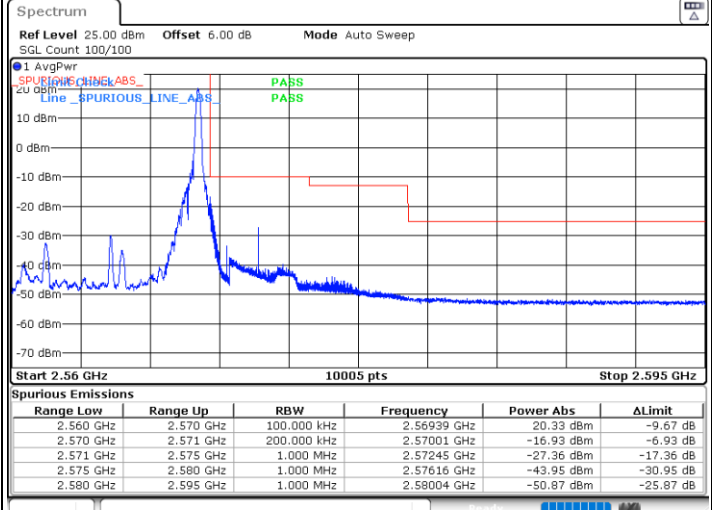
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



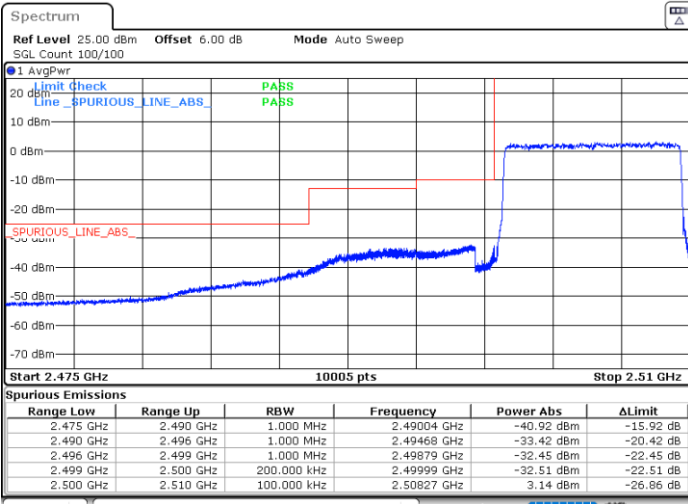
Date: 16 JUN 2024 06:37:29



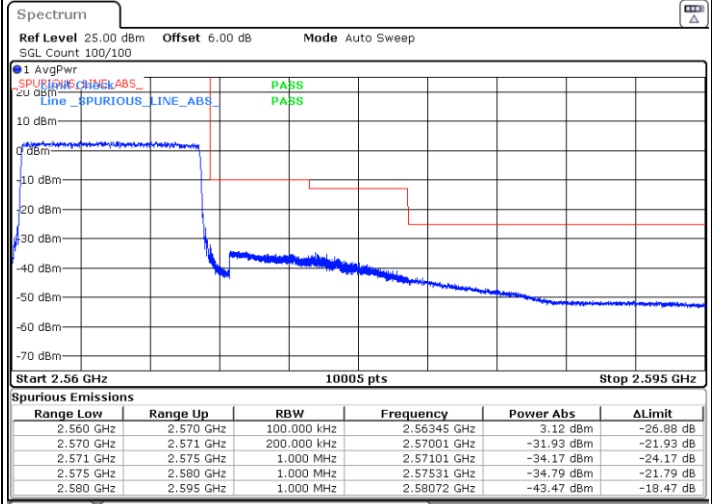
Date: 16 JUN 2024 06:44:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 JUN 2024 06:39:19



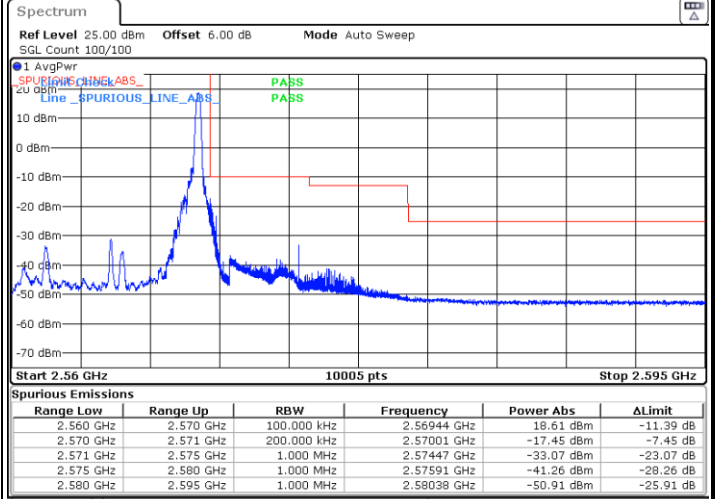
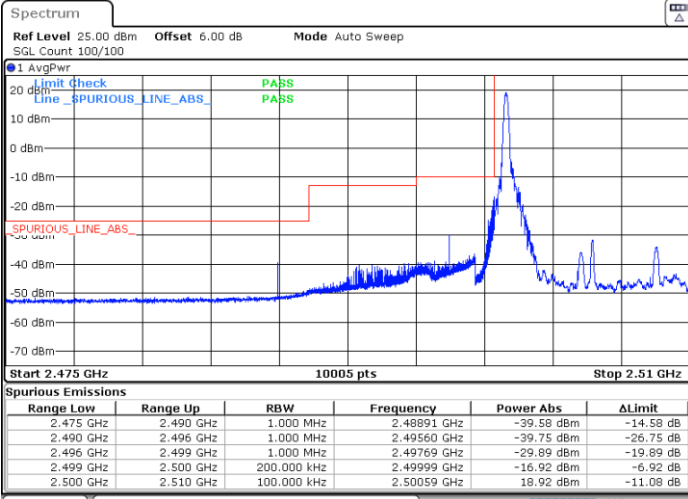
Date: 16 JUN 2024 06:45:35



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

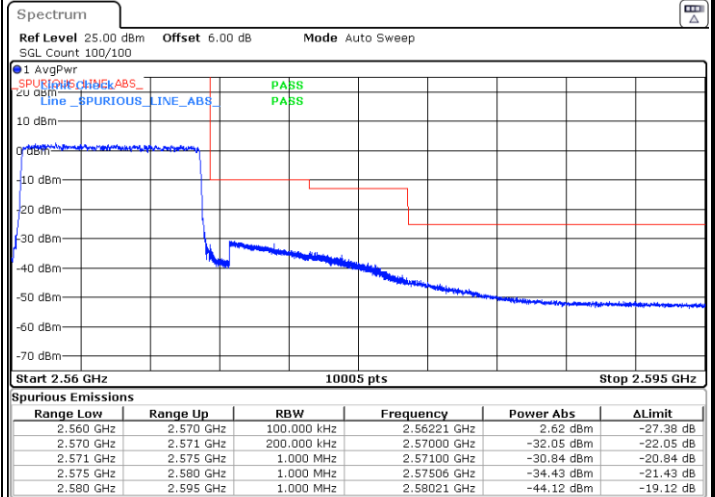
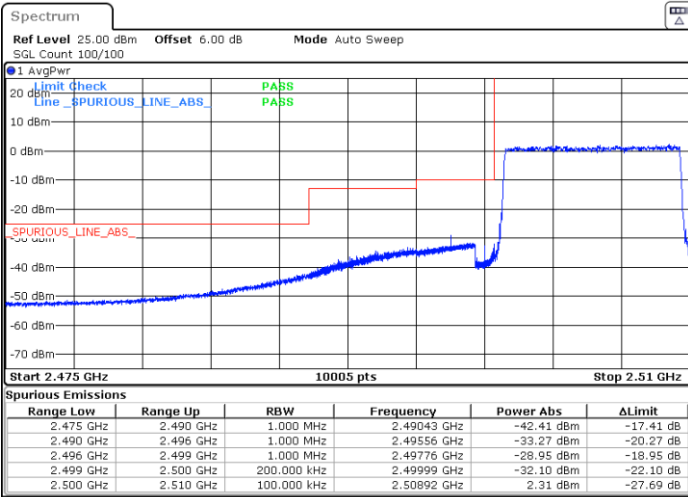


Date: 16 JUN 2024 06:37:41

Date: 16 JUN 2024 06:44:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



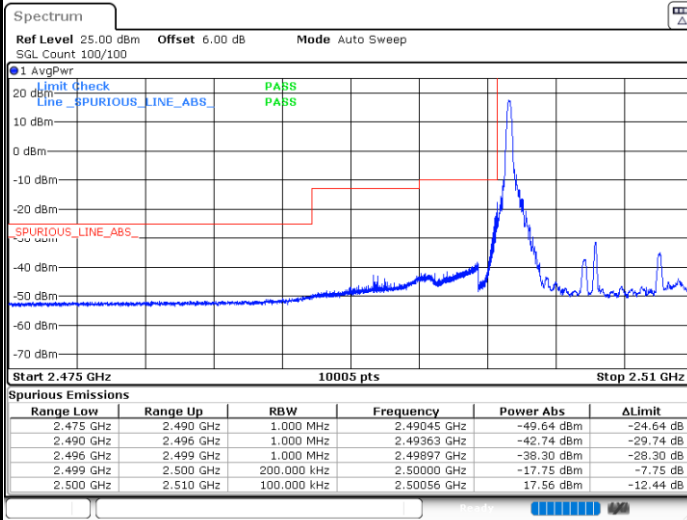
Date: 16 JUN 2024 06:39:05

Date: 16 JUN 2024 06:45:24



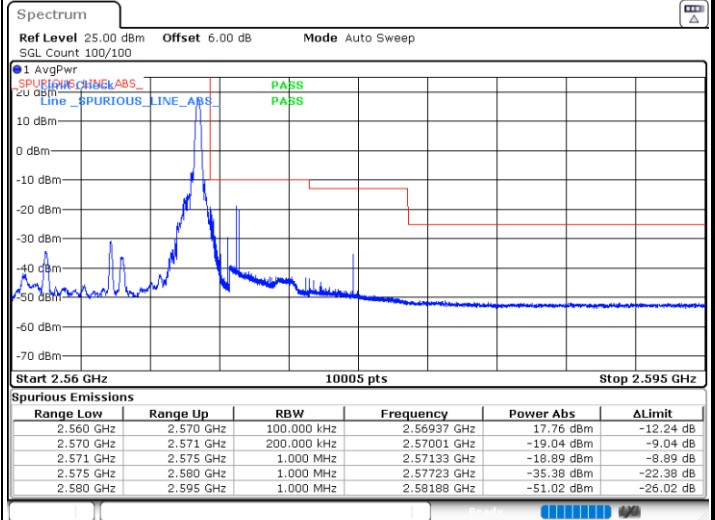
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



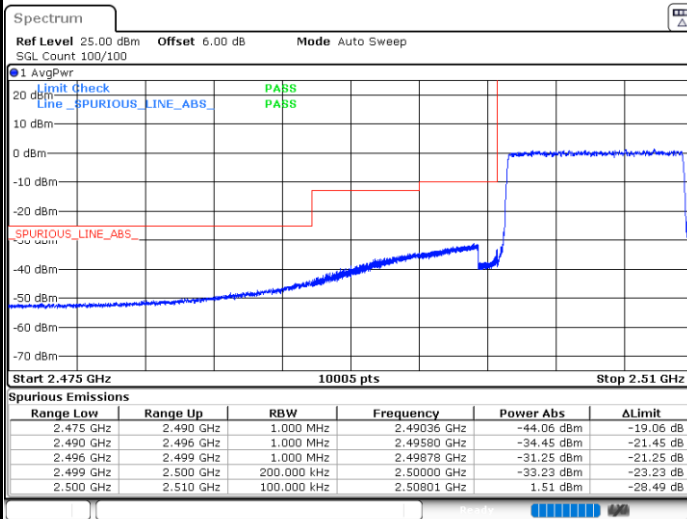
Date: 16 JUN 2024 06:37:55

Highest Band Edge / 1 RB



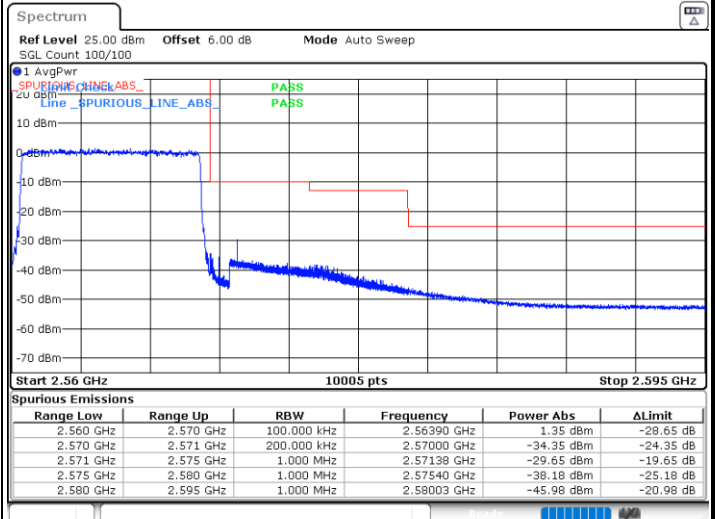
Date: 16 JUN 2024 06:44:34

Lowest Band Edge / Full RB



Date: 16 JUN 2024 06:38:48

Highest Band Edge / Full RB



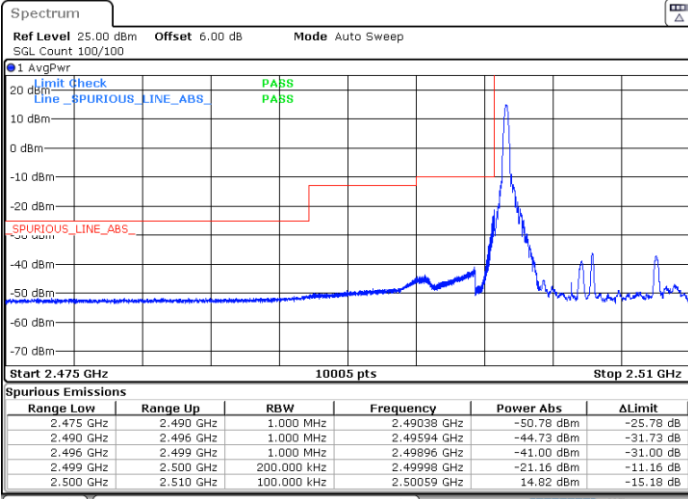
Date: 16 JUN 2024 06:45:12



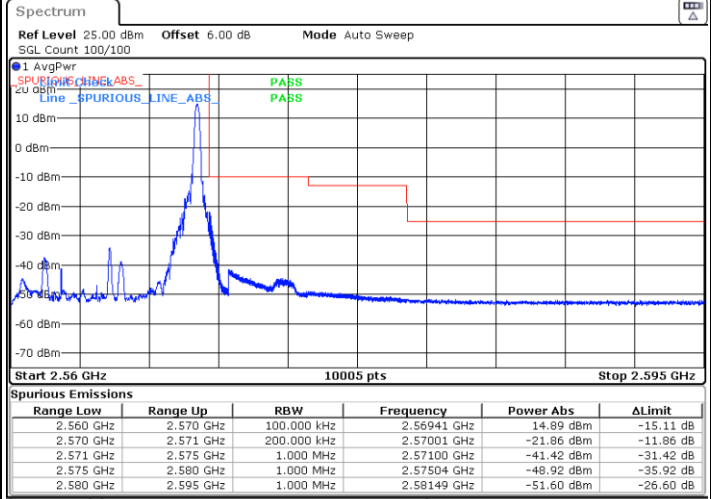
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



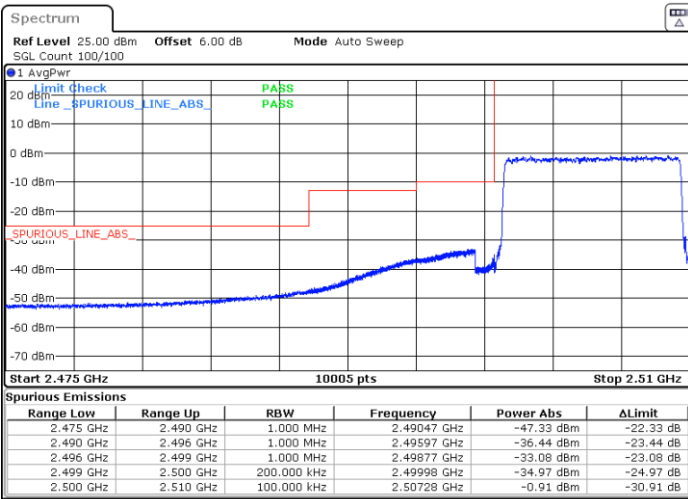
Date: 16 JUN 2024 06:38:08



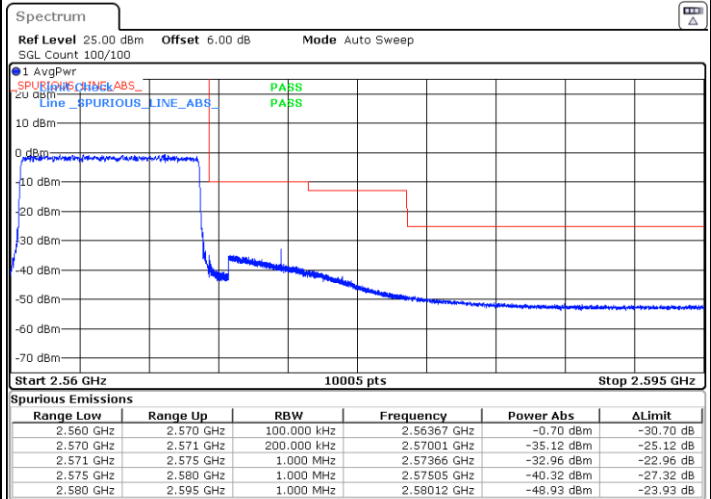
Date: 16 JUN 2024 06:44:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 JUN 2024 06:38:31



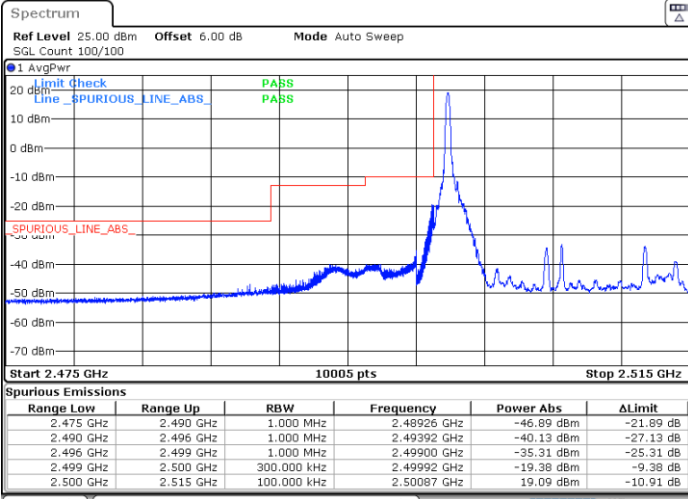
Date: 16 JUN 2024 06:45:00



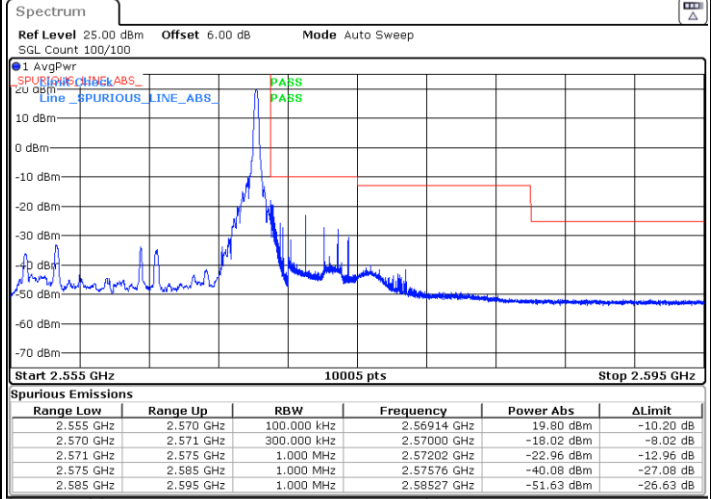
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



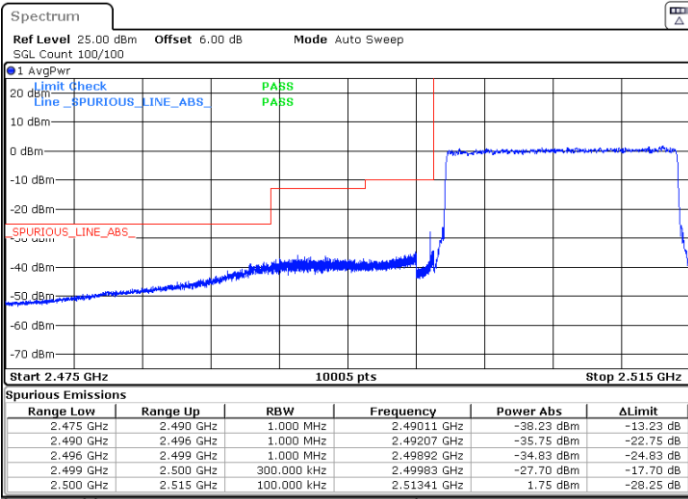
Date: 16 JUN 2024 06:47:23



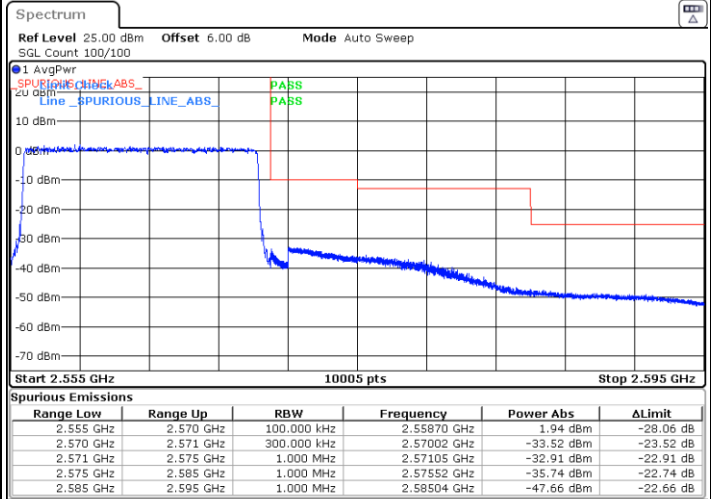
Date: 16 JUN 2024 06:54:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 JUN 2024 06:49:29



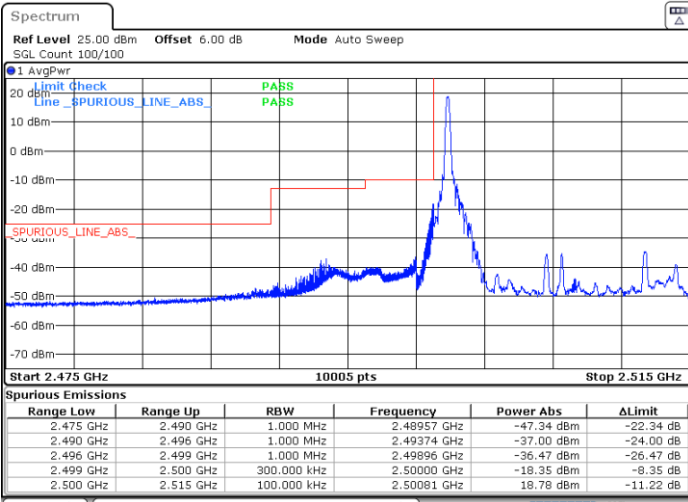
Date: 16 JUN 2024 06:56:21



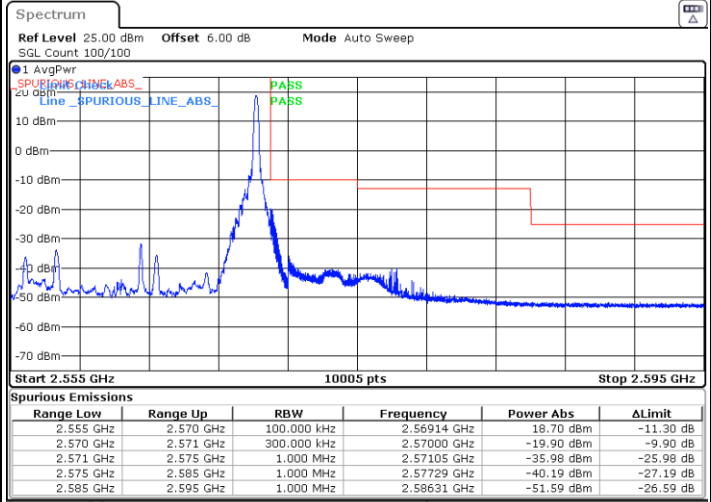
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



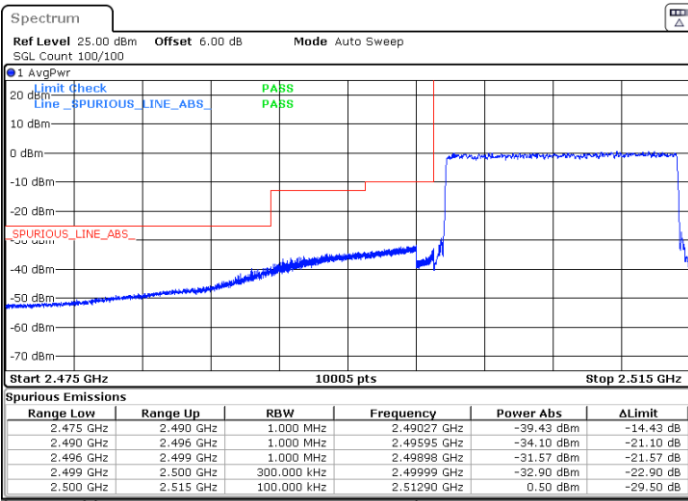
Date: 16.JUN.2024 06:47:39



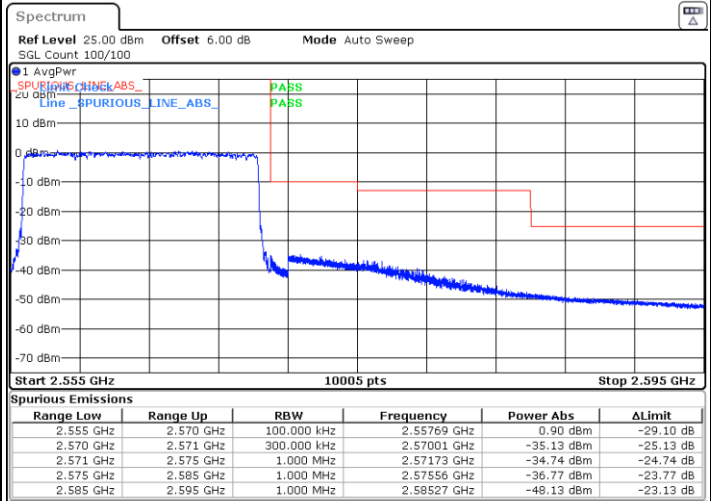
Date: 16.JUN.2024 06:54:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:49:17



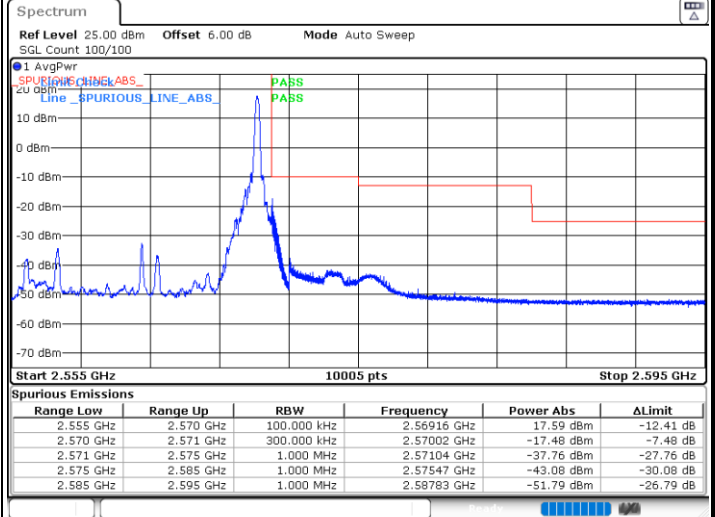
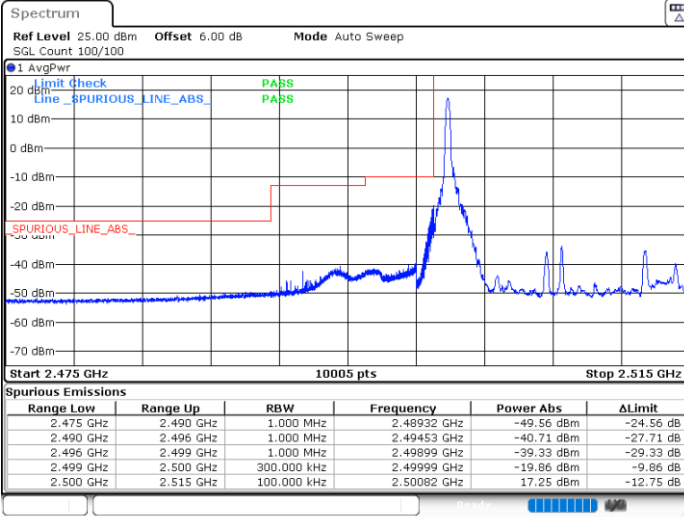
Date: 16.JUN.2024 06:56:10



LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

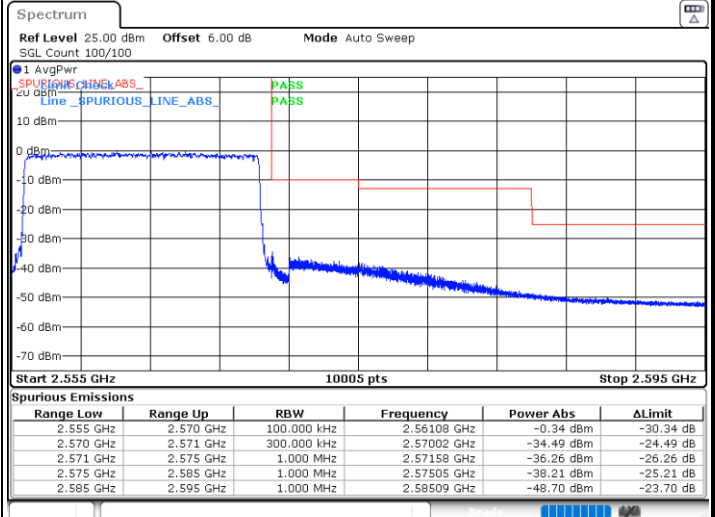
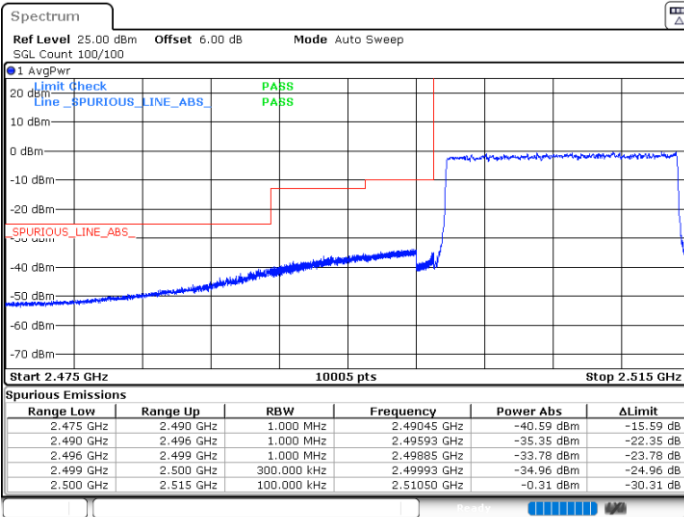


Date: 16.JUN.2024 06:47:54

Date: 16.JUN.2024 06:55:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:49:06

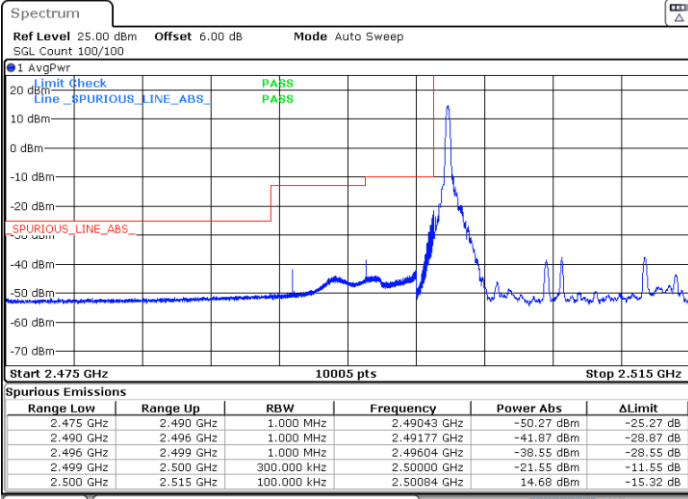
Date: 16.JUN.2024 06:55:58



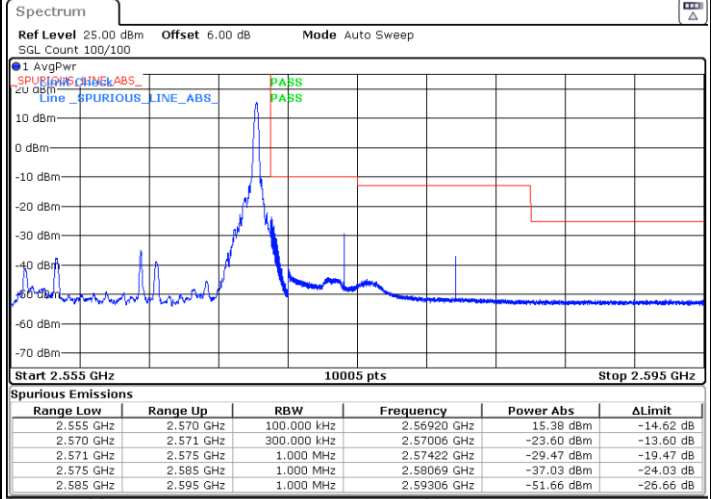
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



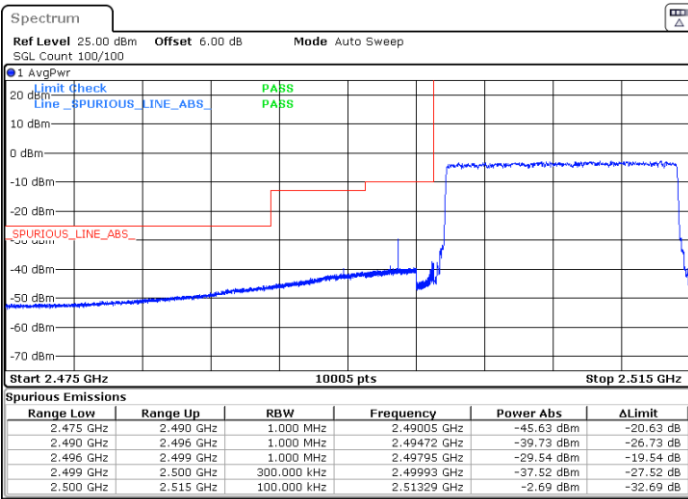
Date: 16.JUN.2024 06:48:13



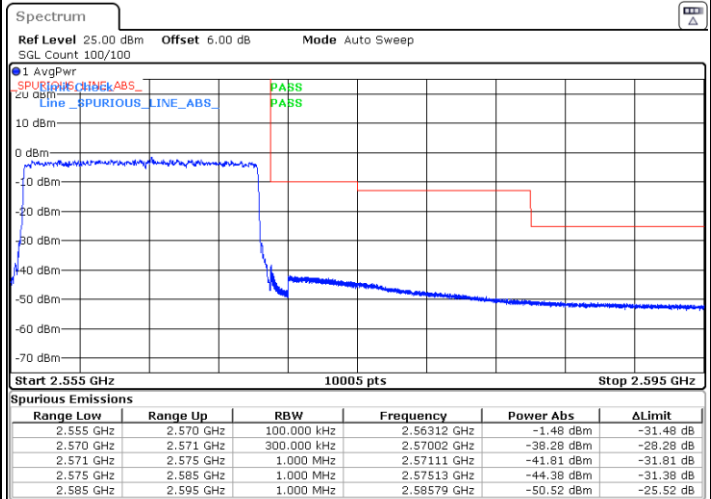
Date: 16.JUN.2024 06:55:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:48:51



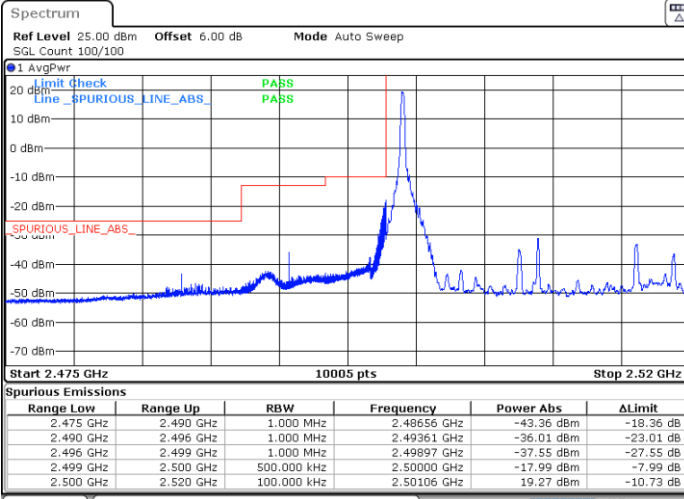
Date: 16.JUN.2024 06:55:48



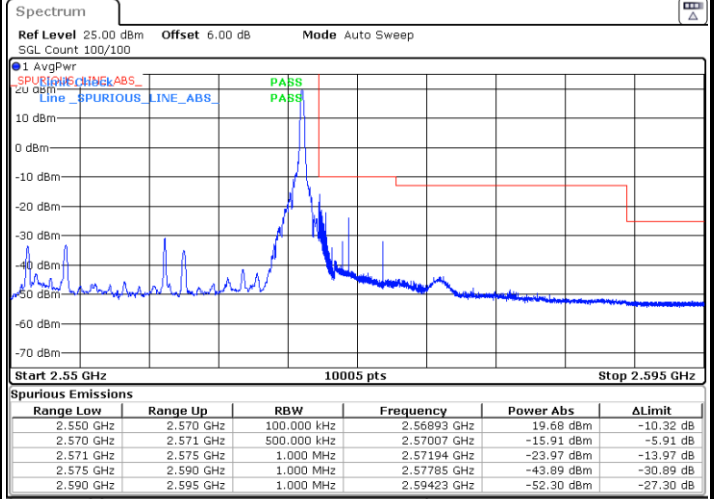
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



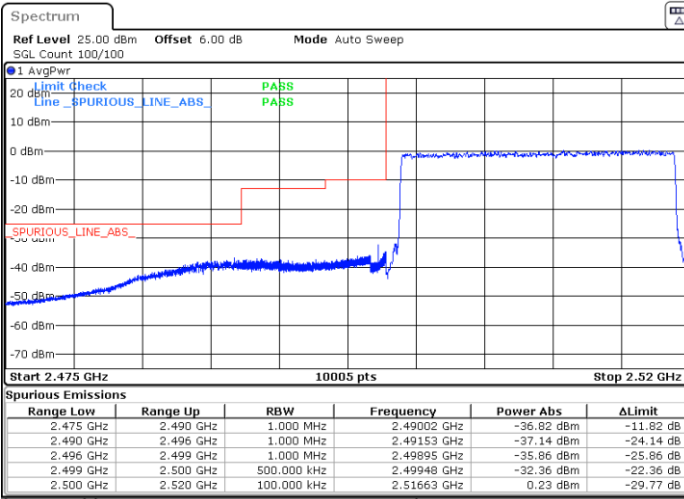
Date: 16.JUN.2024 06:58:02



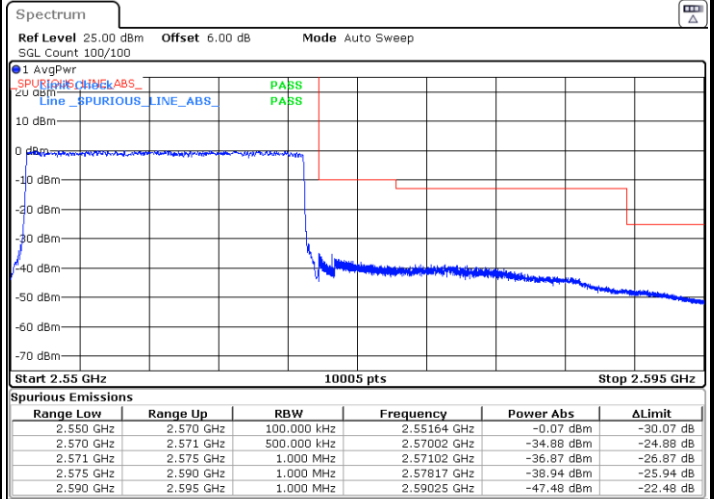
Date: 16.JUN.2024 07:04:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:59:31



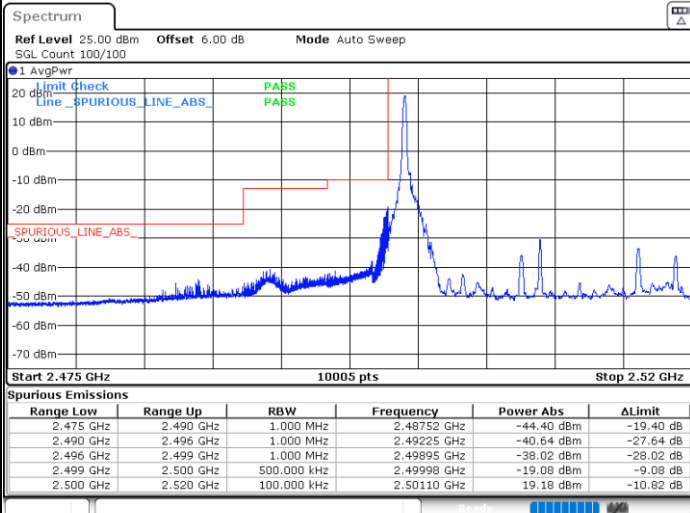
Date: 16.JUN.2024 07:06:01



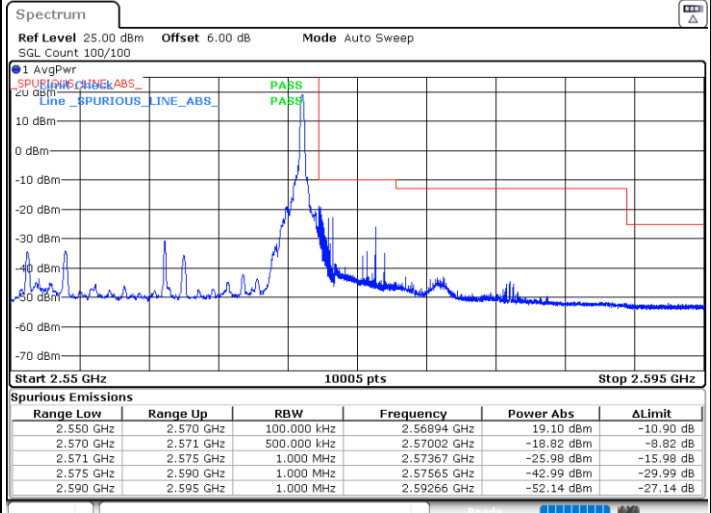
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



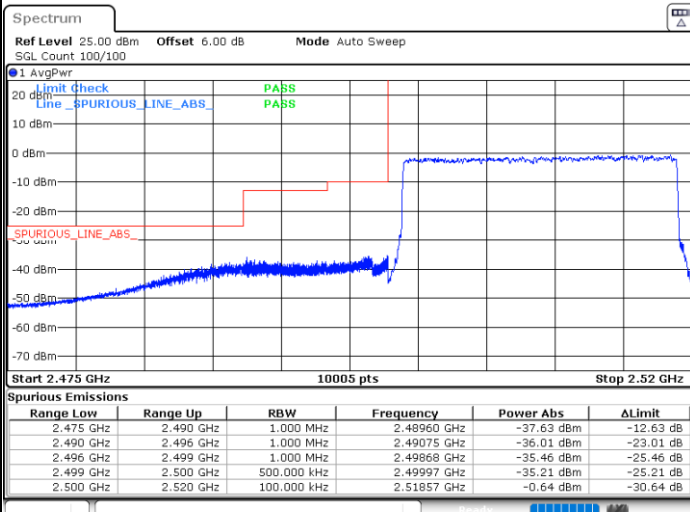
Date: 16 JUN 2024 06:58:13



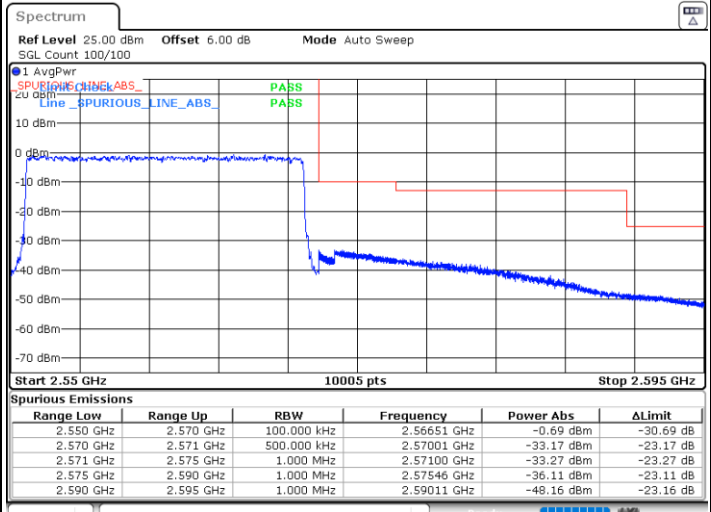
Date: 16 JUN 2024 07:04:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 JUN 2024 06:59:19



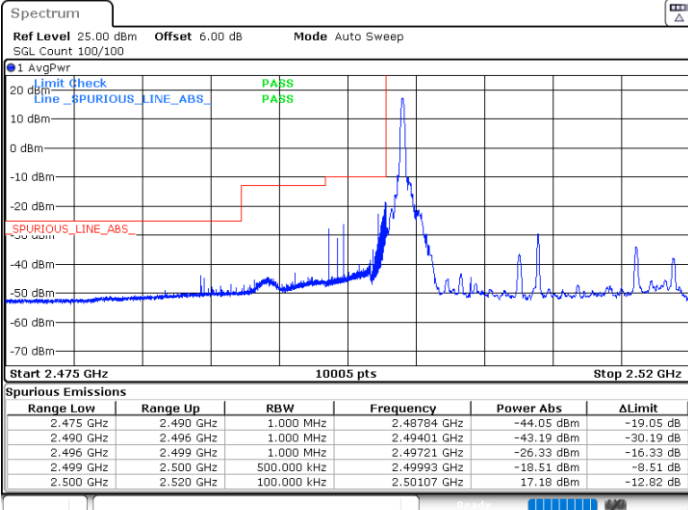
Date: 16 JUN 2024 07:05:34



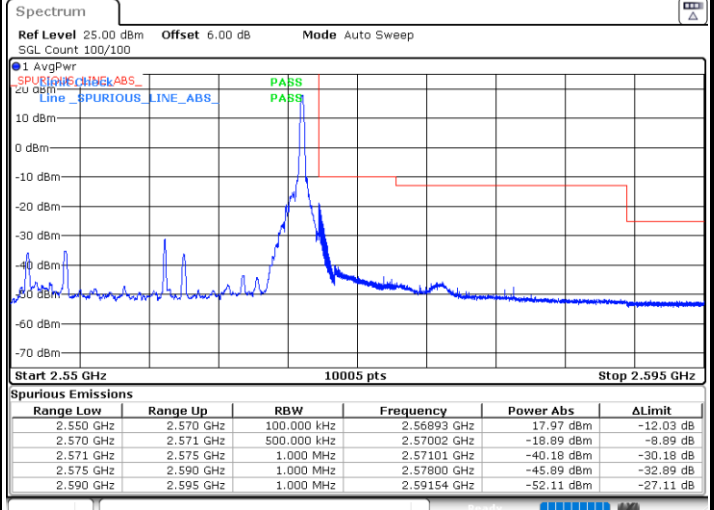
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



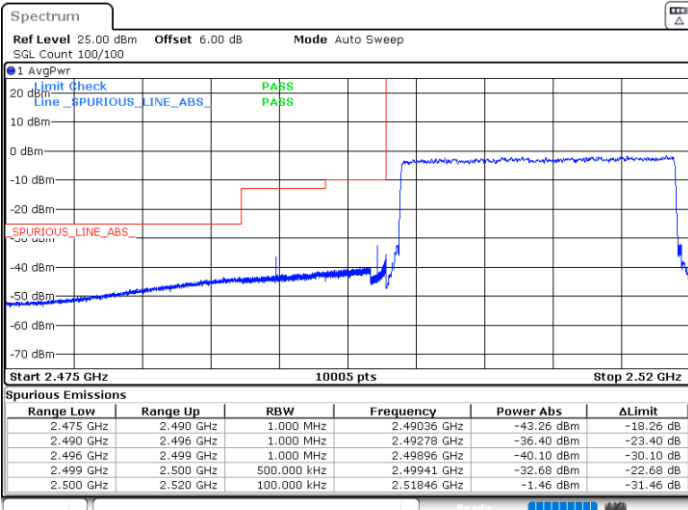
Date: 16.JUN.2024 06:58:24



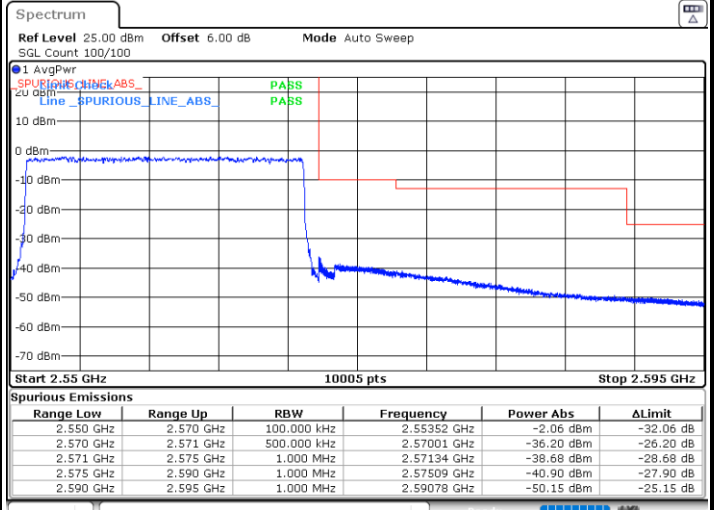
Date: 16.JUN.2024 07:04:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 06:59:07



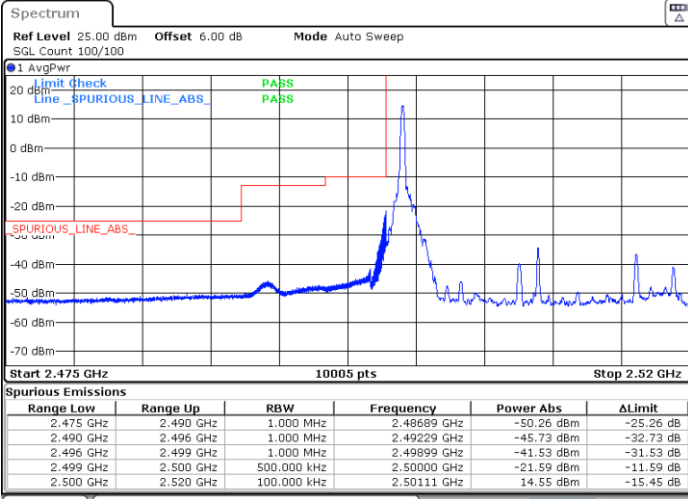
Date: 16.JUN.2024 07:05:22



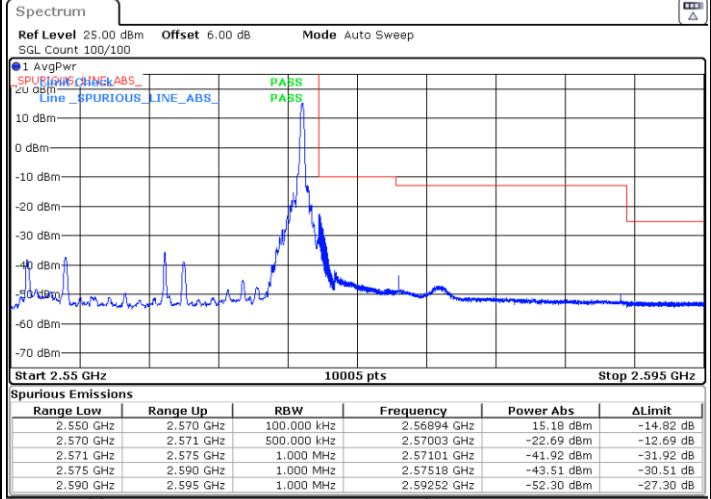
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



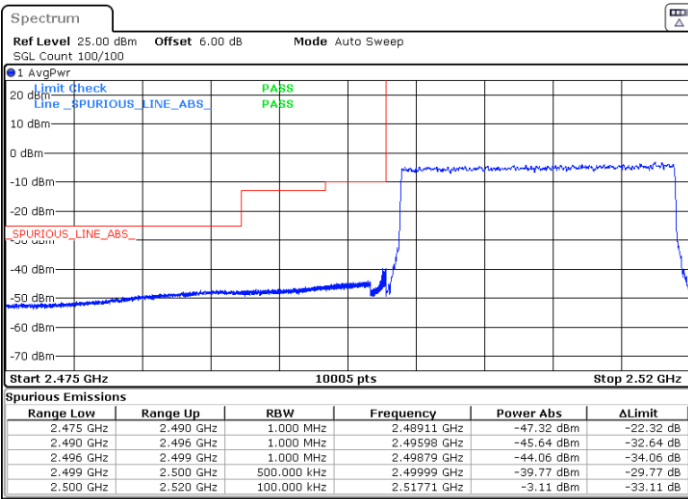
Date: 16.JUN.2024 06:58:39



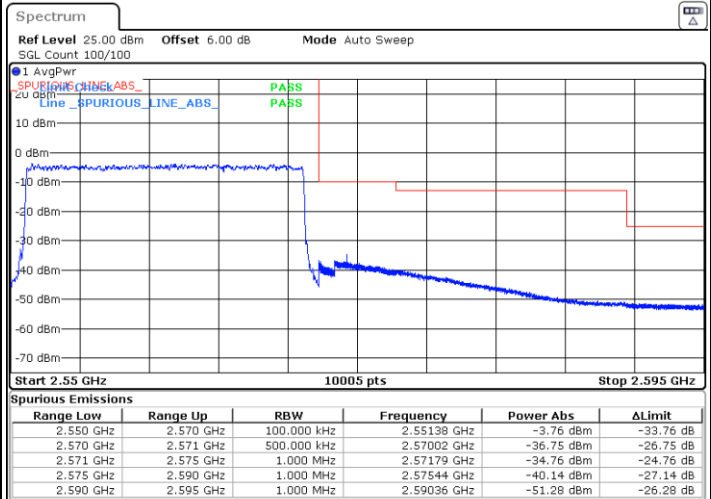
Date: 16.JUN.2024 07:04:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



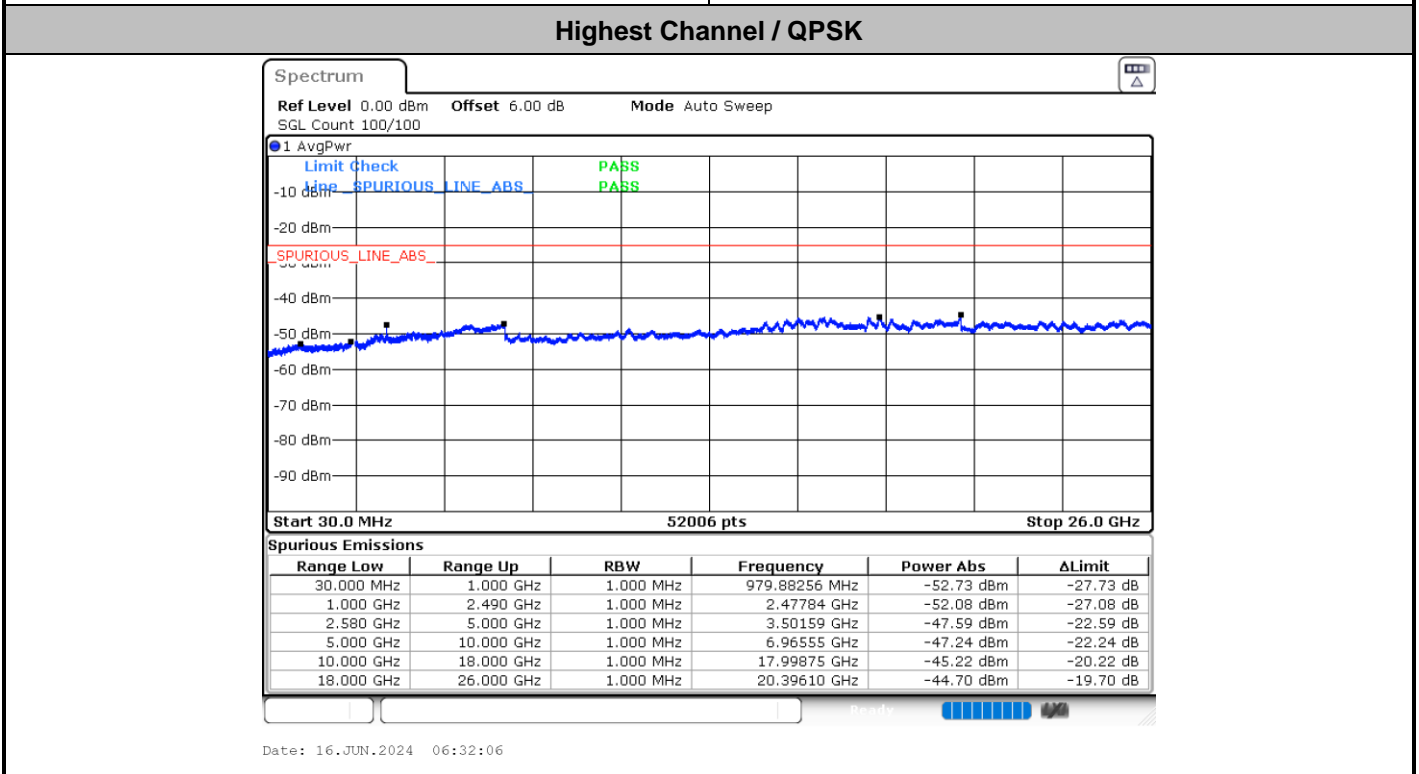
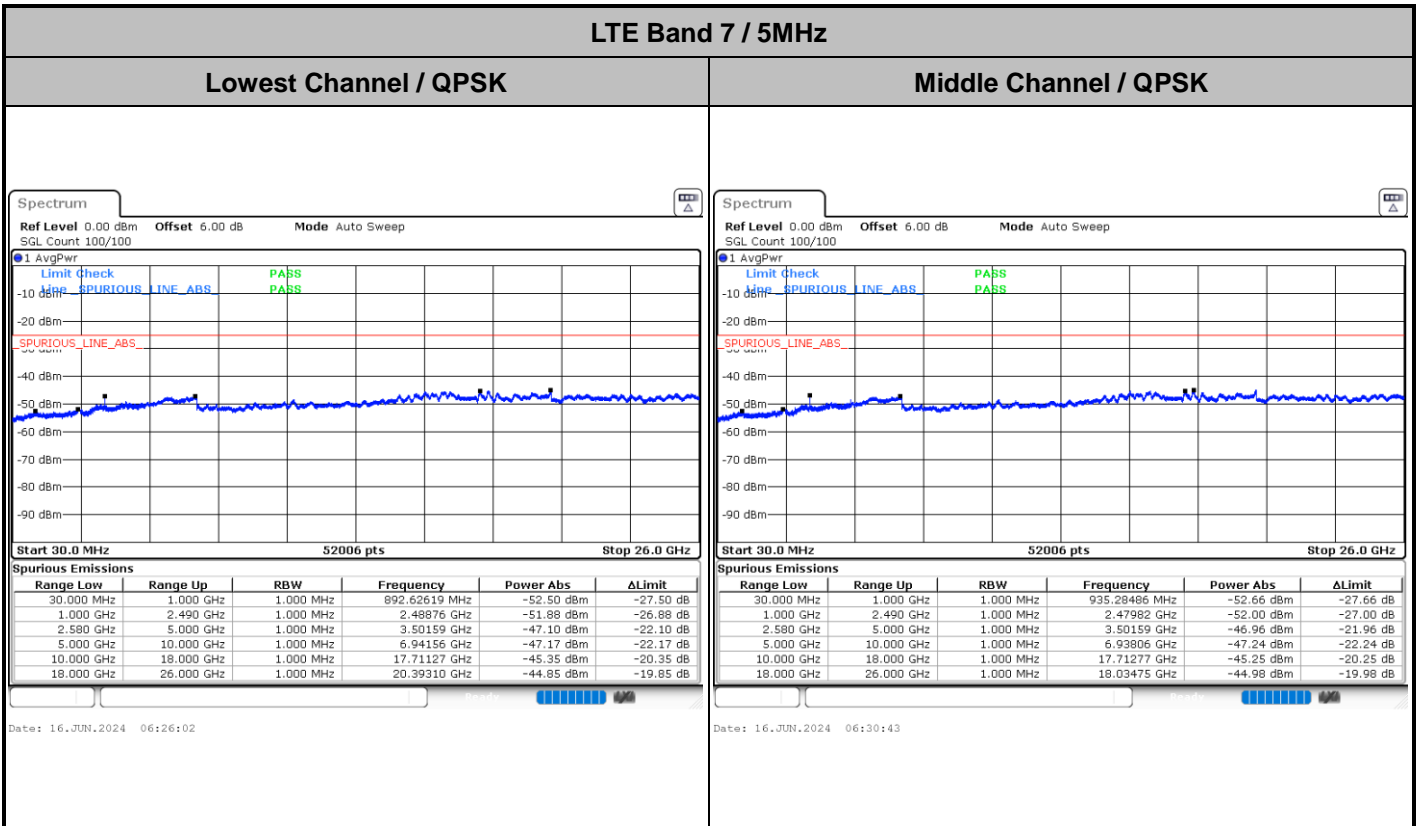
Date: 16.JUN.2024 06:58:54



Date: 16.JUN.2024 07:05:09



Conducted Spurious Emission

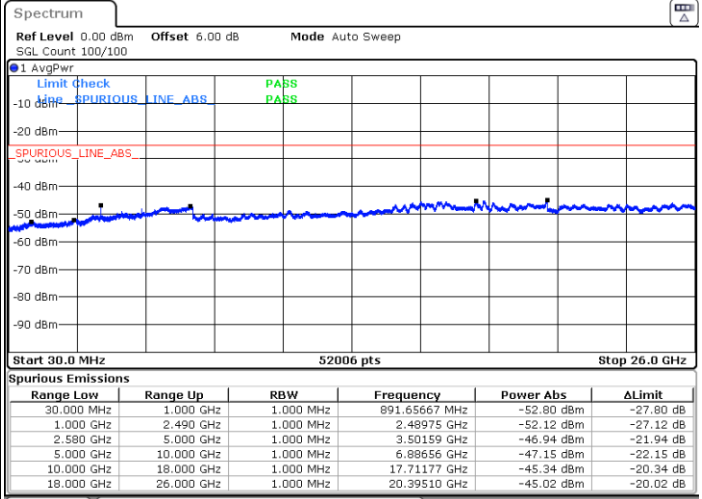
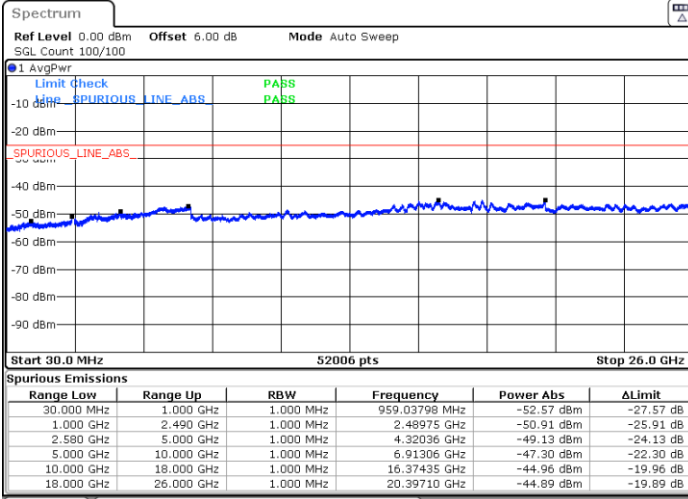




LTE Band 7 / 10MHz

Lowest Channel / QPSK

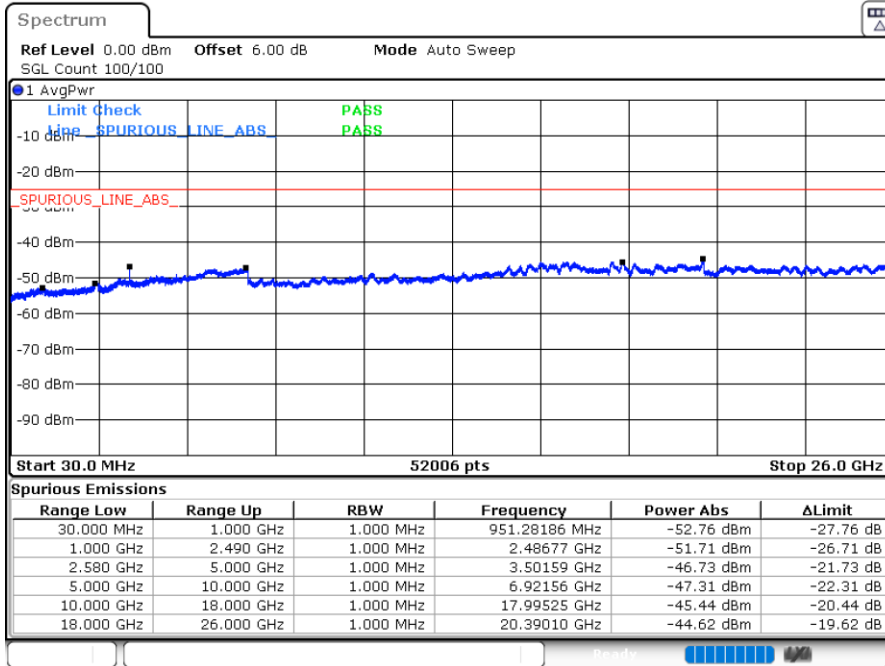
Middle Channel / QPSK



Date: 16.JUN.2024 06:36:50

Date: 16.JUN.2024 06:41:18

Highest Channel / QPSK



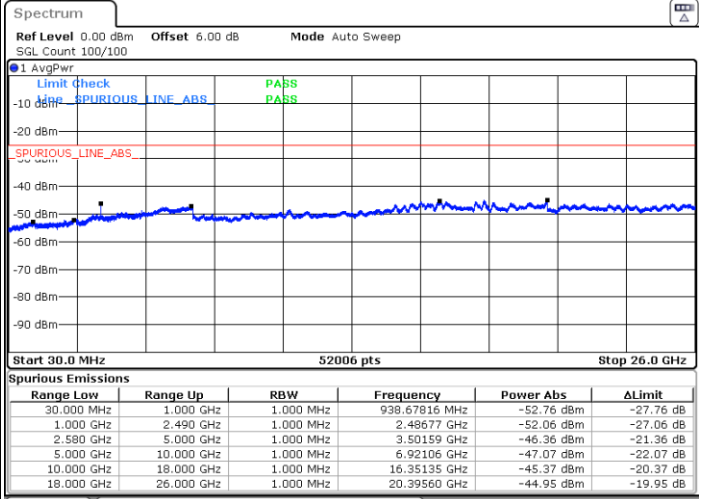
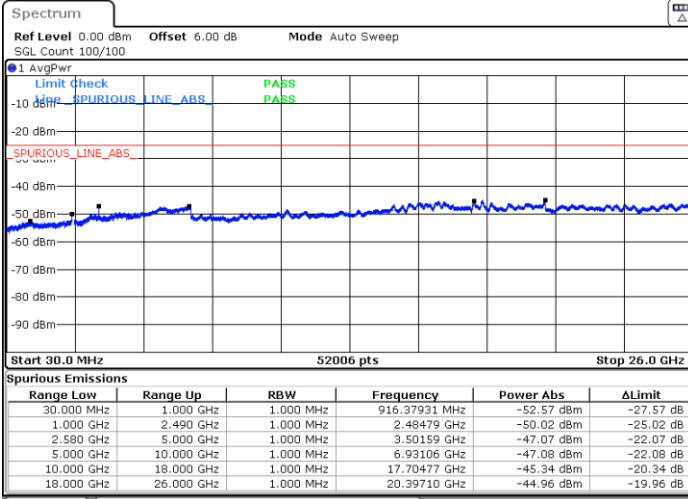
Date: 16.JUN.2024 06:43:50



LTE Band 7 / 15MHz

Lowest Channel / QPSK

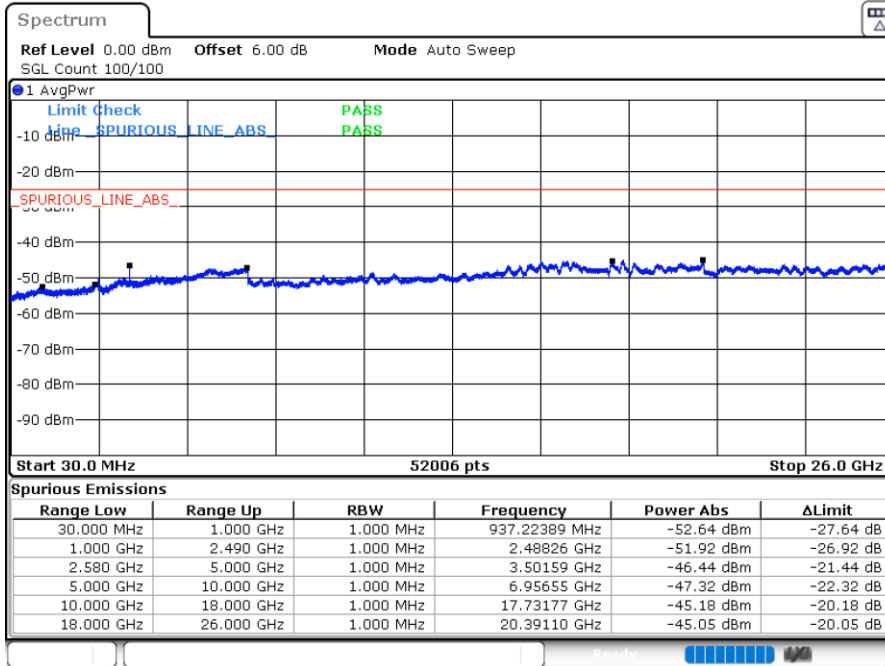
Middle Channel / QPSK



Date: 16.JUN.2024 06:47:12

Date: 16.JUN.2024 06:51:44

Highest Channel / QPSK



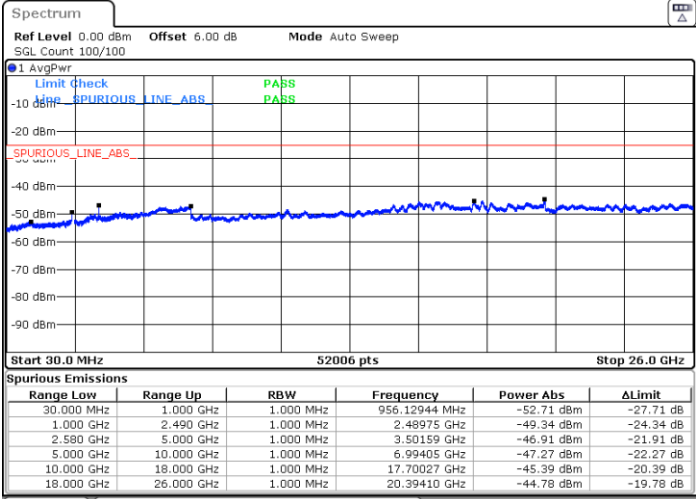
Date: 16.JUN.2024 06:54:13



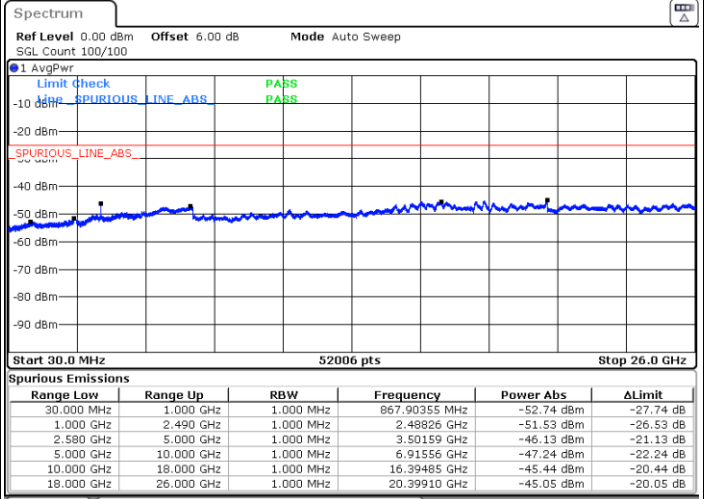
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

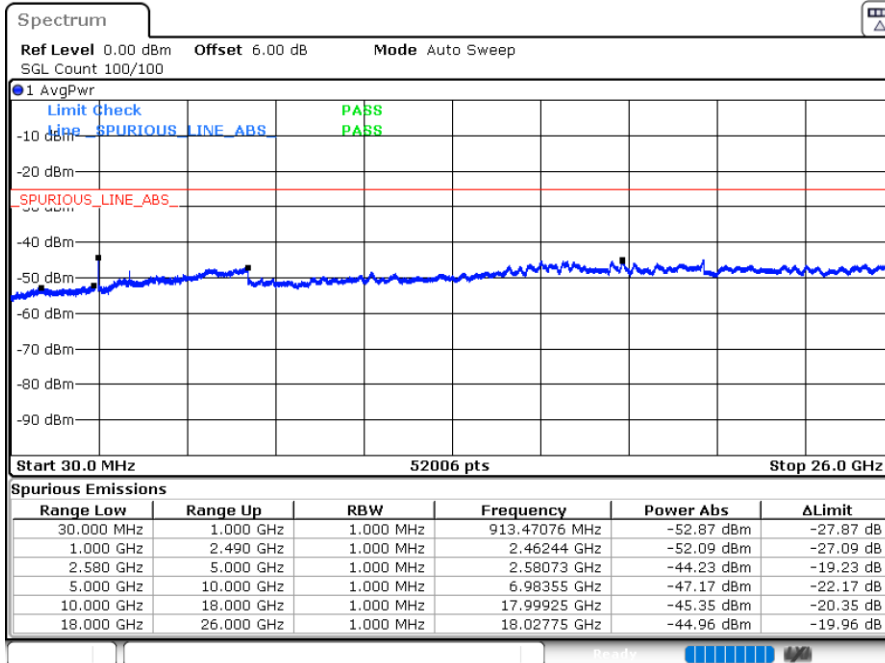


Date: 16.JUN.2024 06:57:51



Date: 16.JUN.2024 07:02:33

Highest Channel / QPSK



Date: 16.JUN.2024 07:03:53



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0027	

Note:

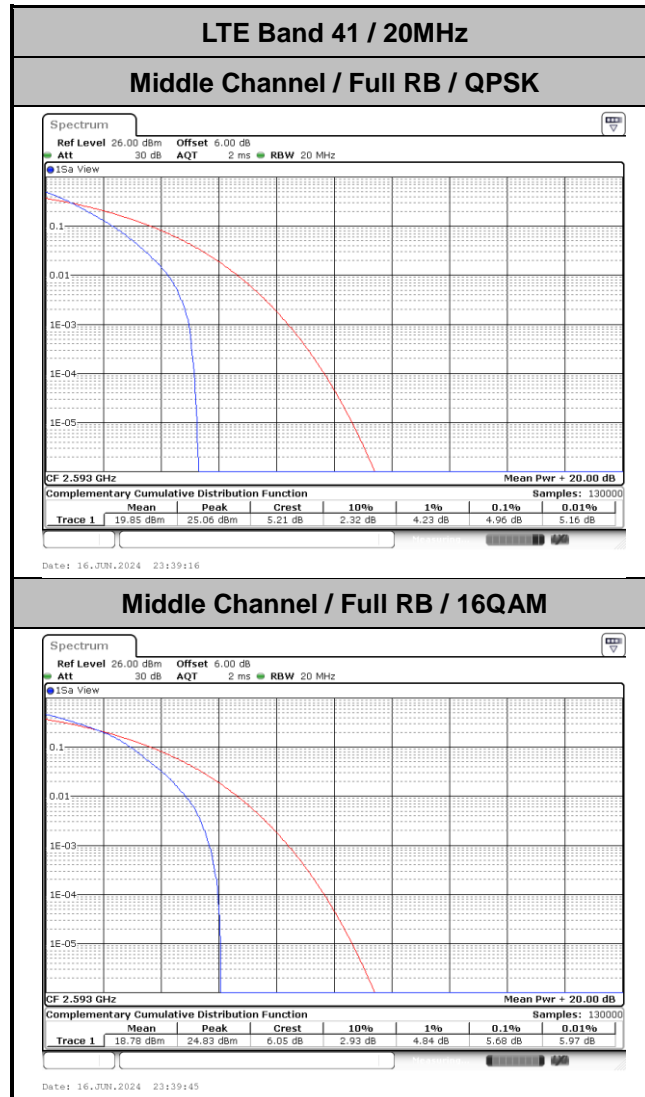
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

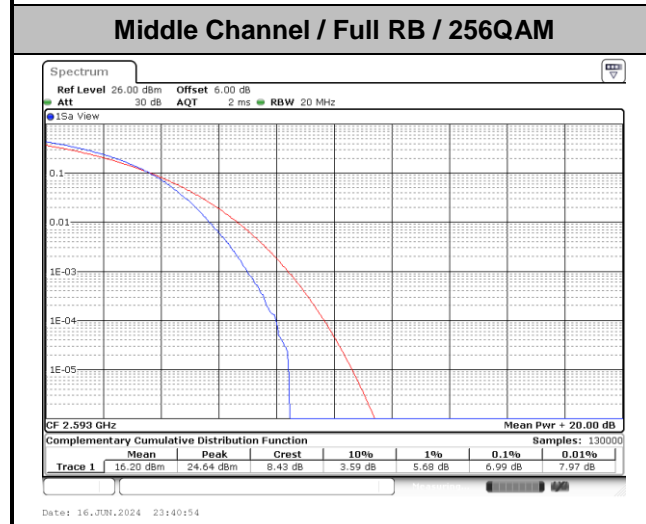
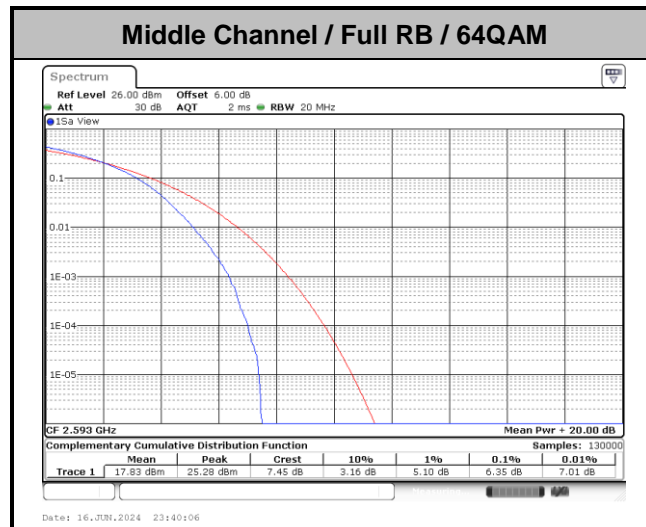


LTE Band 41(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.68	6.35	6.99	PASS







26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.89	4.95
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.85
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.36	14.24
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	19.14

