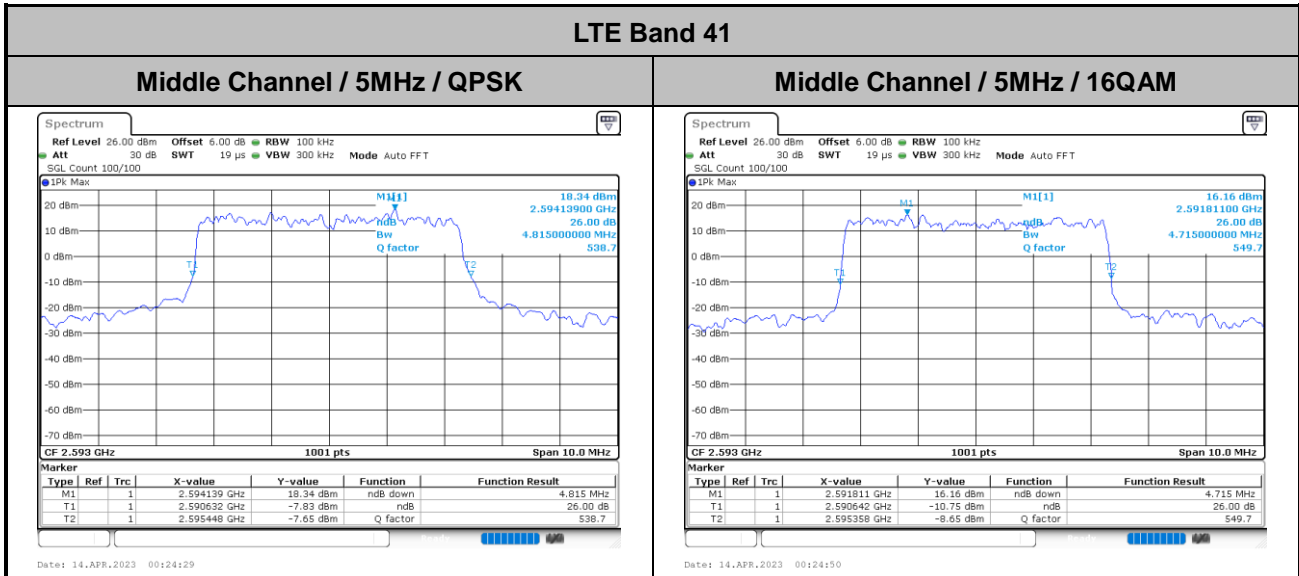




26dB Bandwidth

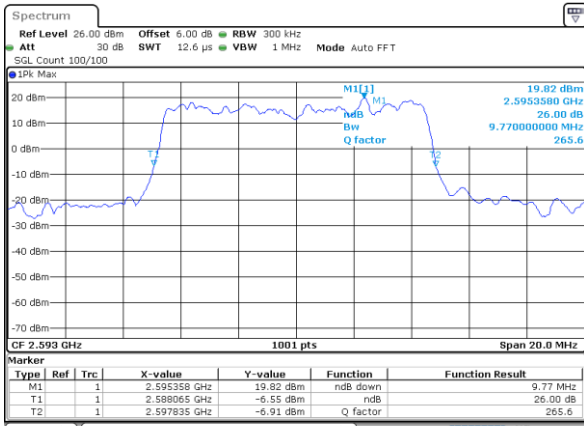
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.82	4.72
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.77	9.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.57	14.69
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.66	18.98





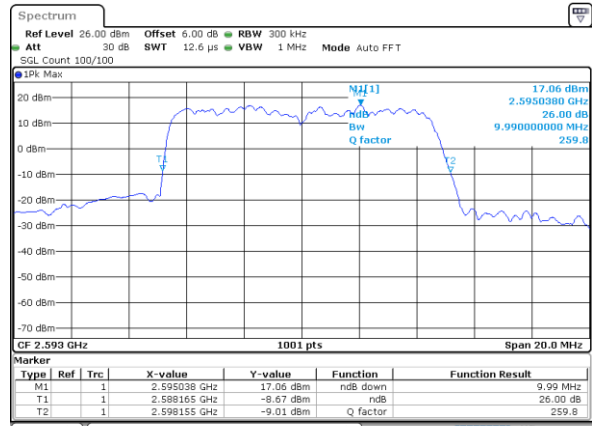
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 14.APR.2023 00:23:04

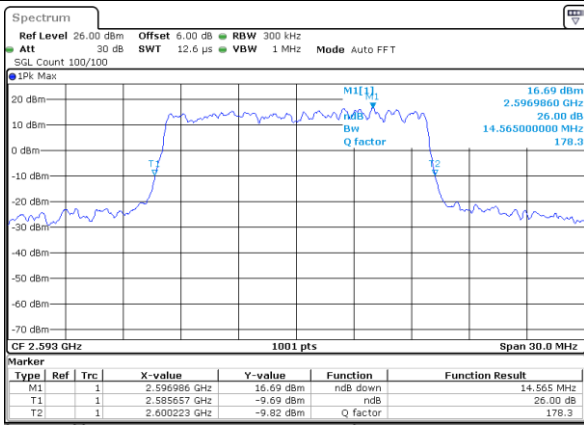
Middle Channel / 10MHz / 16QAM



Date: 14.APR.2023 00:23:24

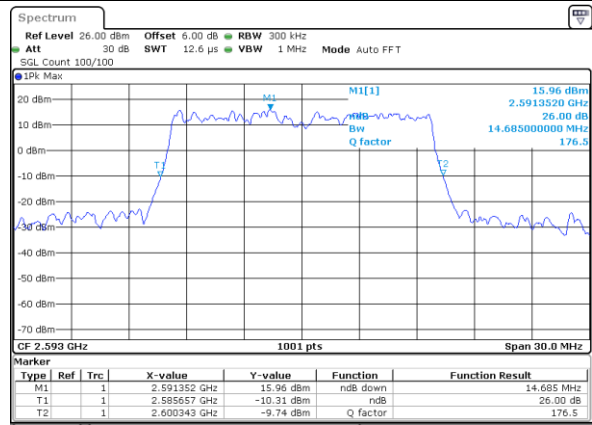
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 14.APR.2023 00:21:38

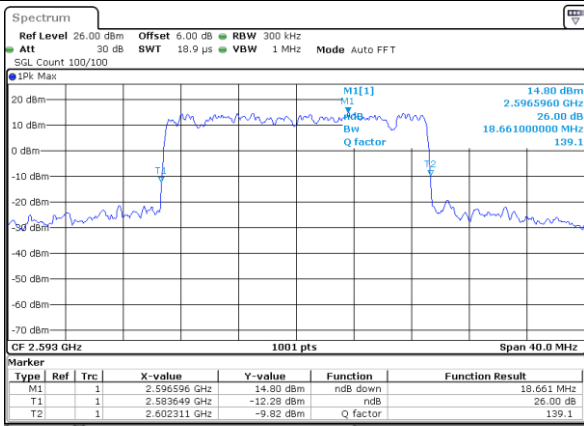
Middle Channel / 15MHz / 16QAM



Date: 14.APR.2023 00:22:00

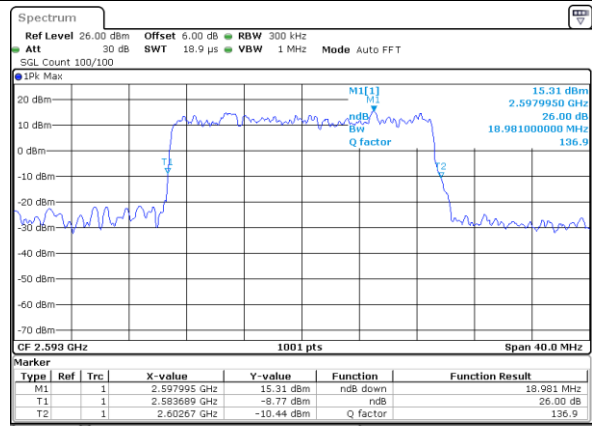
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 14.APR.2023 00:15:44

Middle Channel / 20MHz / 16QAM

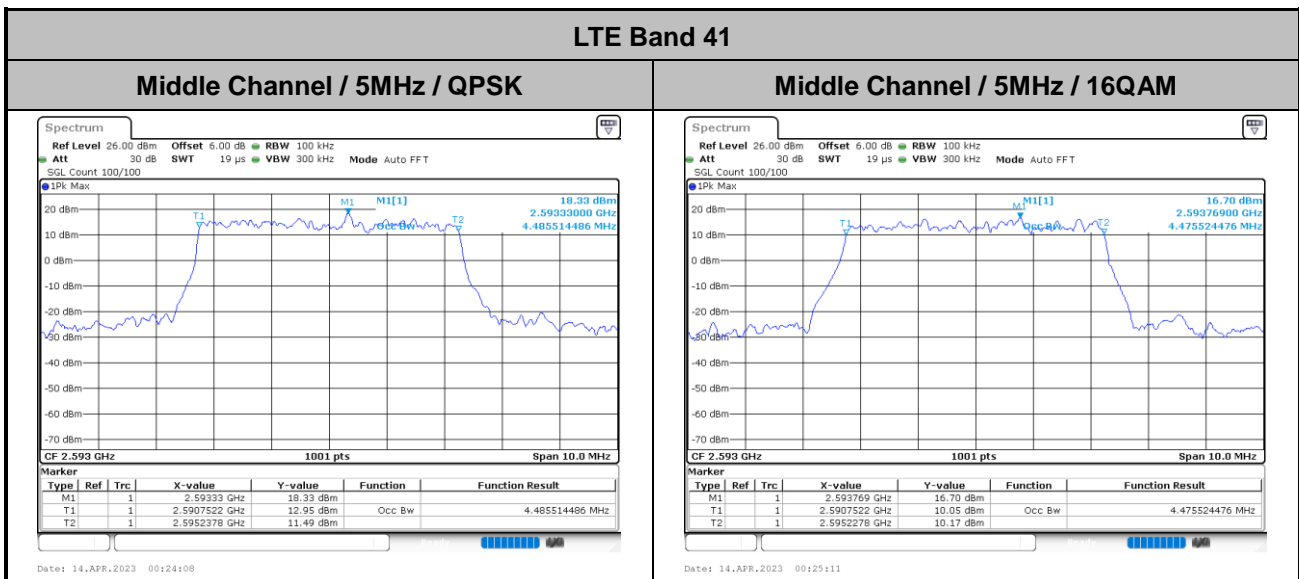


Date: 14.APR.2023 00:16:47



Occupied Bandwidth

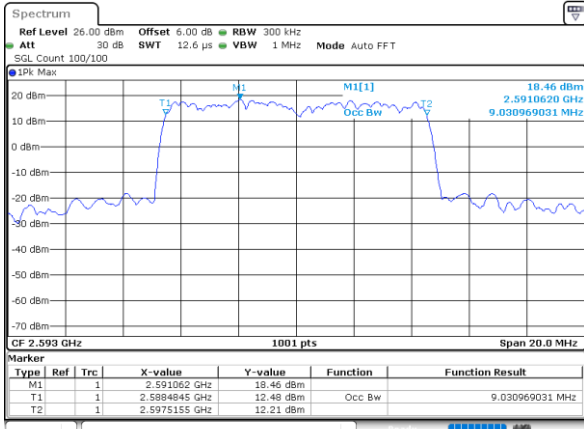
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.94





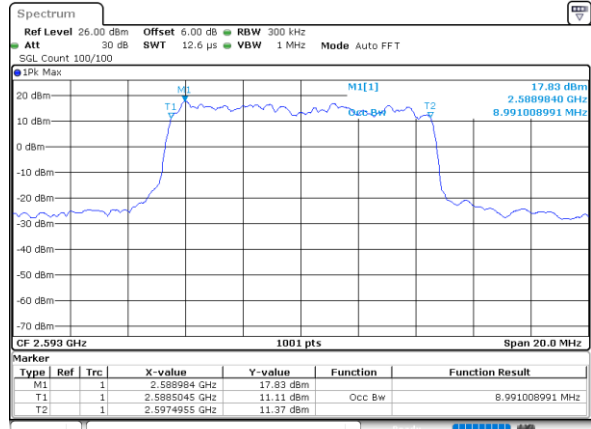
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 14.APR.2023 00:22:43

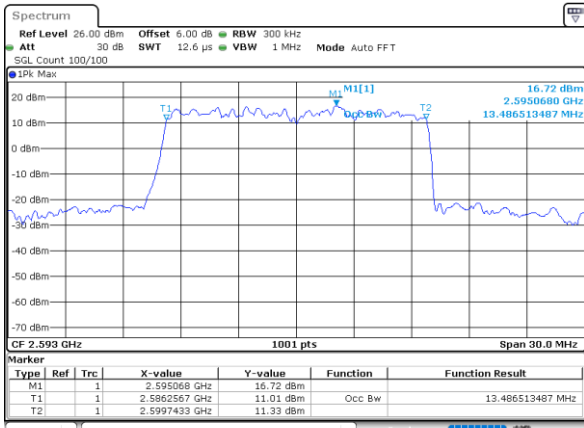
Middle Channel / 10MHz / 16QAM



Date: 14.APR.2023 00:23:45

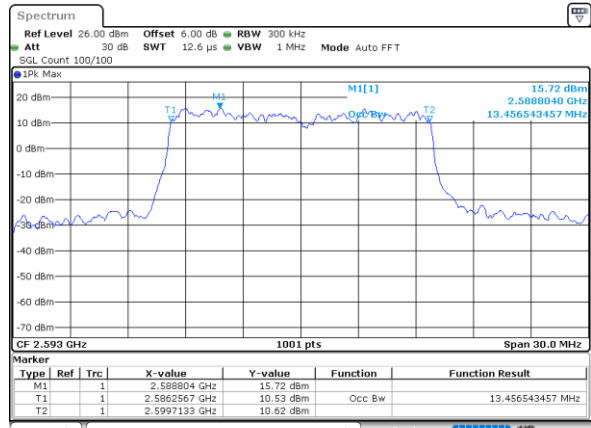
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 14.APR.2023 00:21:17

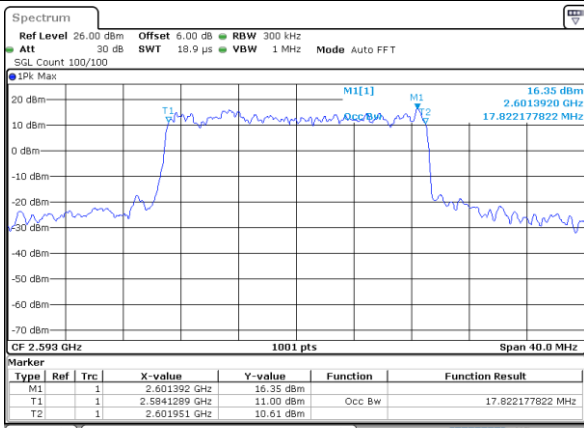
Middle Channel / 15MHz / 16QAM



Date: 14.APR.2023 00:22:20

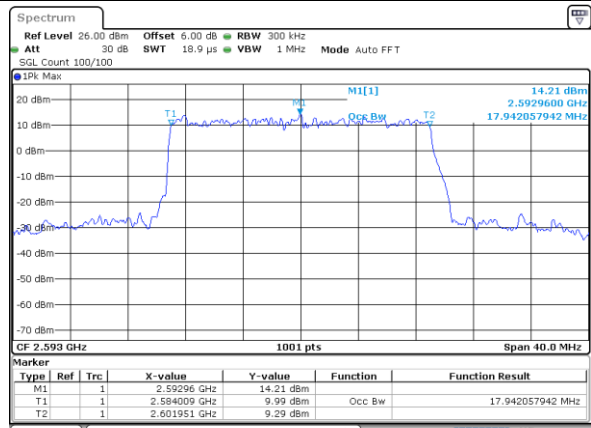
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 14.APR.2023 00:16:05

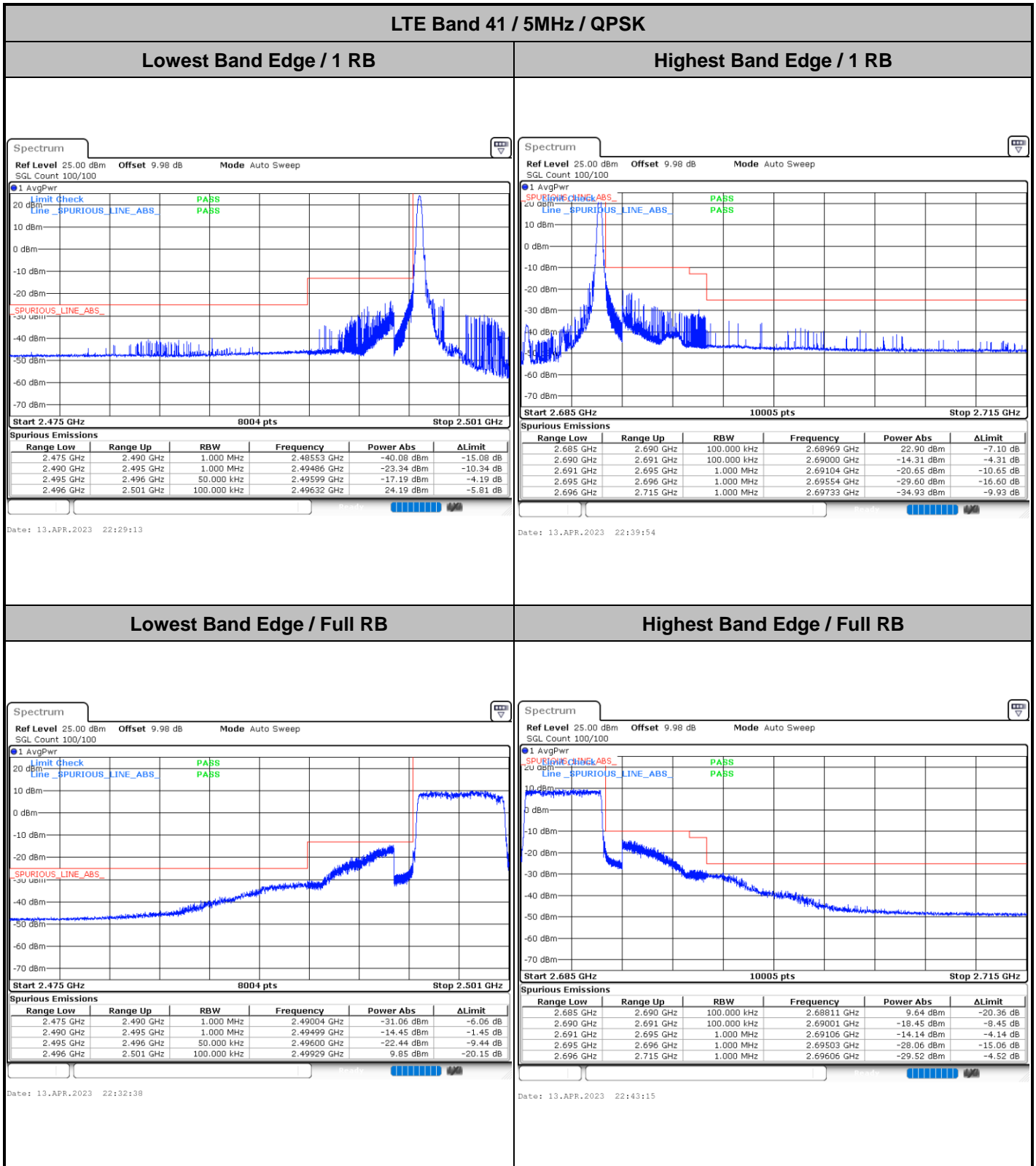
Middle Channel / 20MHz / 16QAM



Date: 14.APR.2023 00:16:26



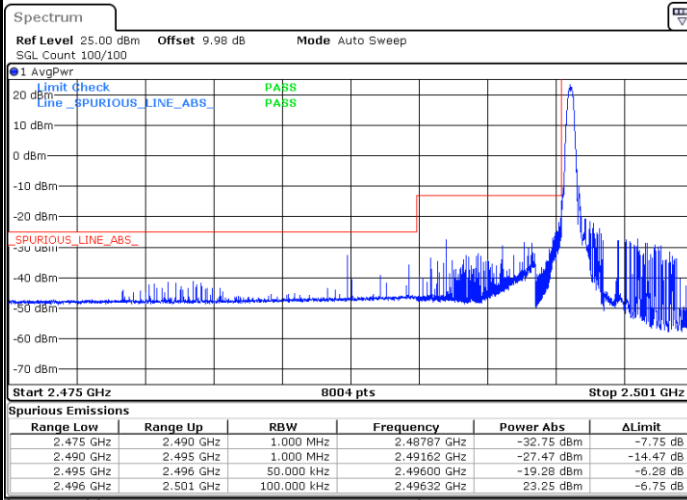
Conducted Band Edge





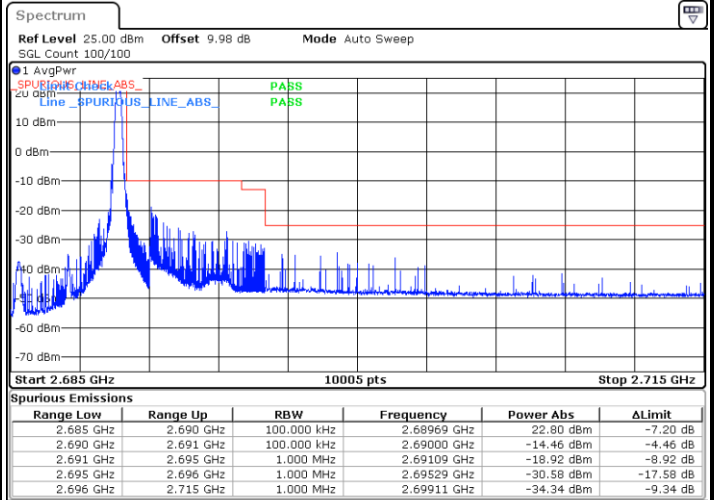
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



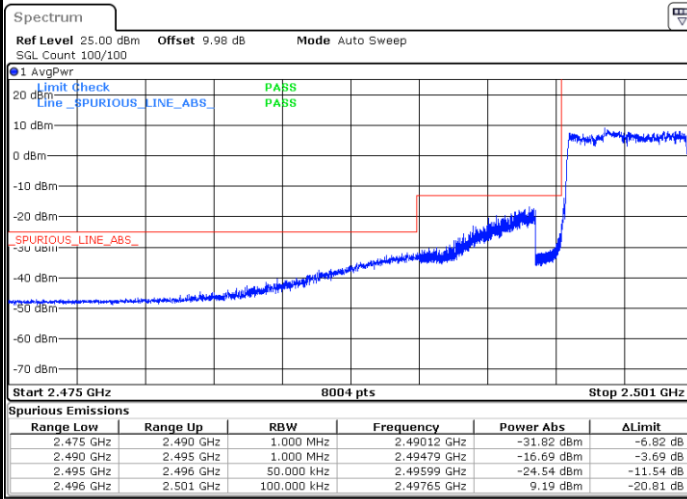
Date: 13.APR.2023 22:30:06

Highest Band Edge / 1 RB



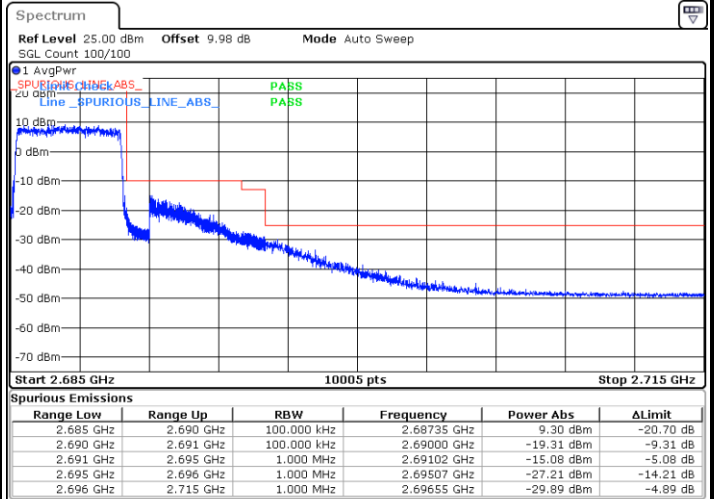
Date: 13.APR.2023 22:40:44

Lowest Band Edge / Full RB



Date: 14.APR.2023 01:54:06

Highest Band Edge / Full RB

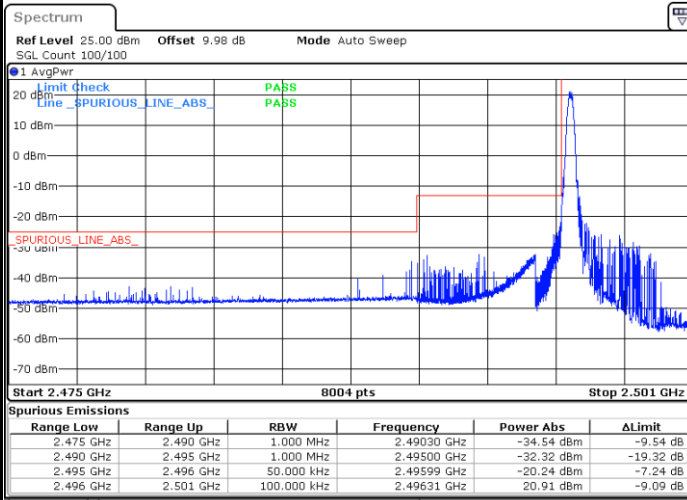


Date: 13.APR.2023 22:44:06



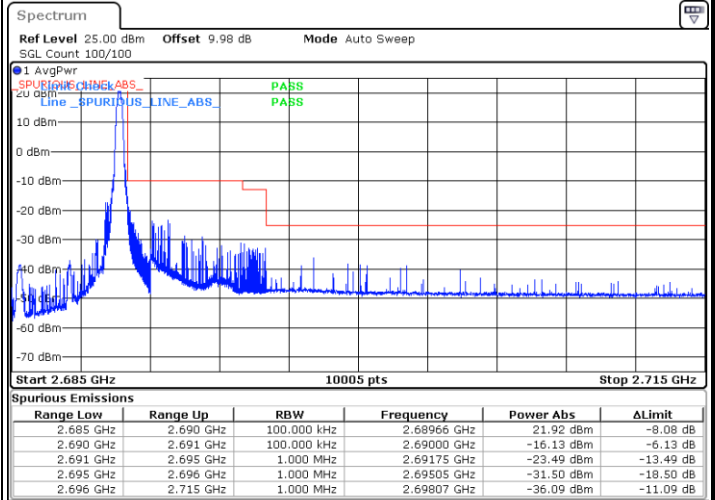
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



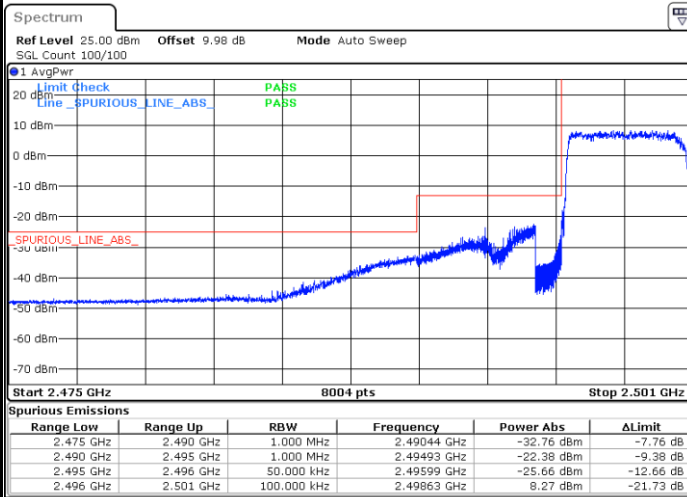
Date: 13.APR.2023 22:30:56

Highest Band Edge / 1 RB



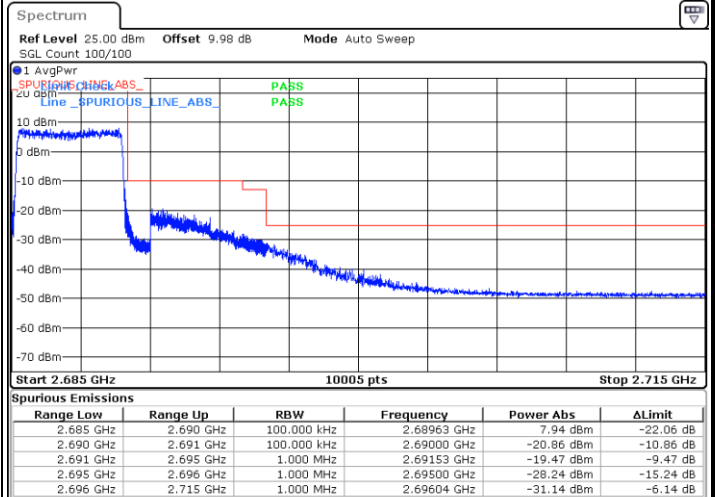
Date: 13.APR.2023 22:41:35

Lowest Band Edge / Full RB



Date: 14.APR.2023 01:54:40

Highest Band Edge / Full RB



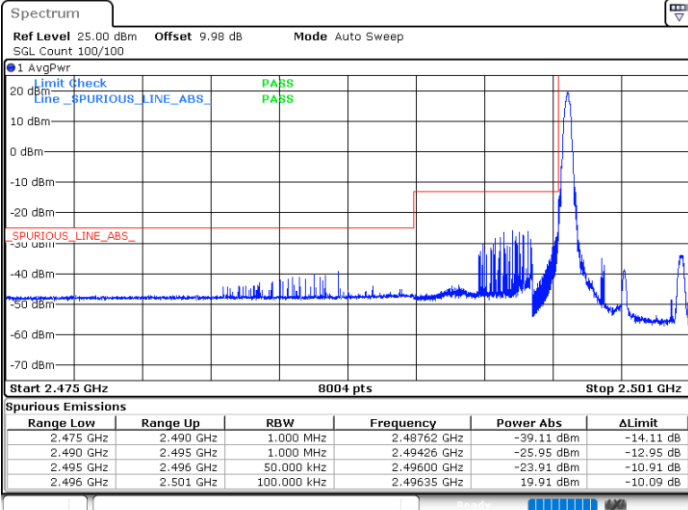
Date: 13.APR.2023 22:44:56



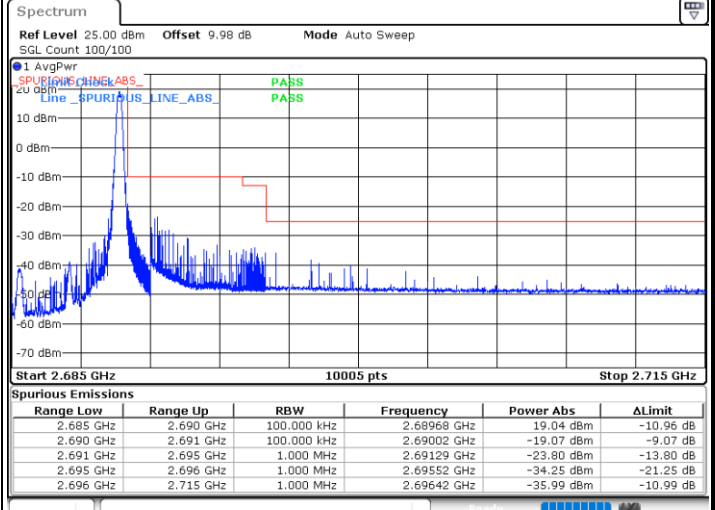
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



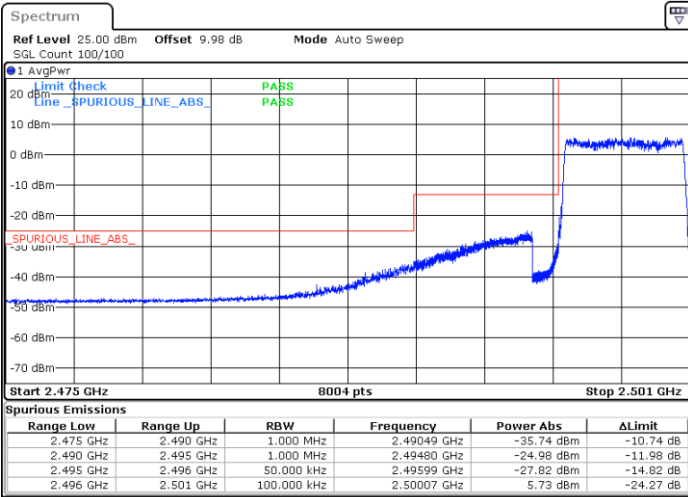
Date: 13.APR.2023 22:31:47



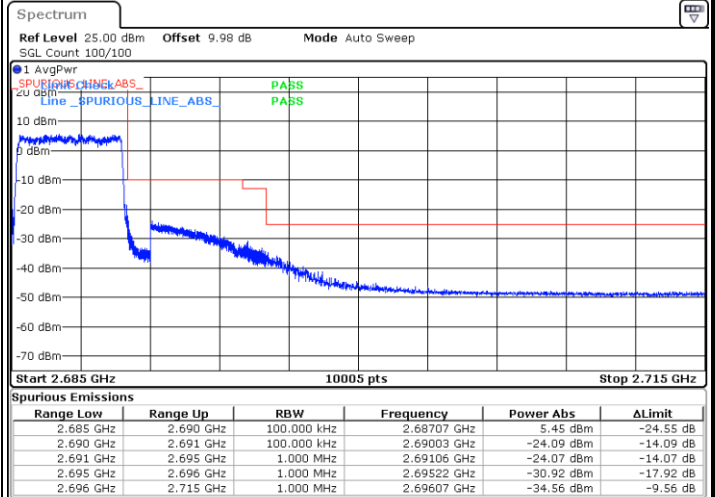
Date: 13.APR.2023 22:42:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.APR.2023 22:35:09

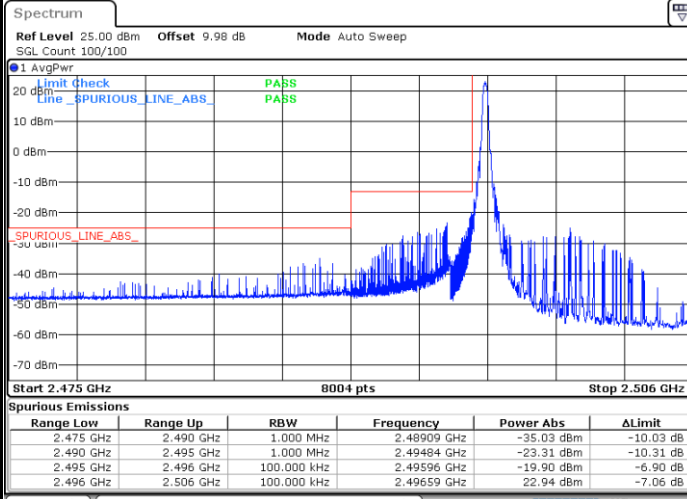


Date: 13.APR.2023 22:45:46



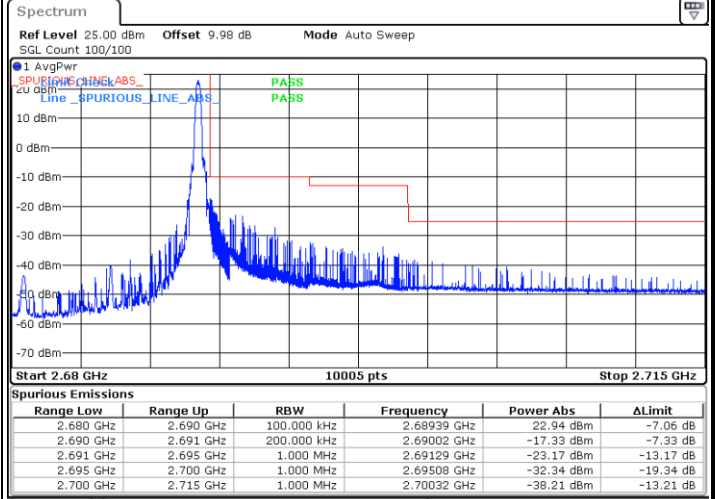
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



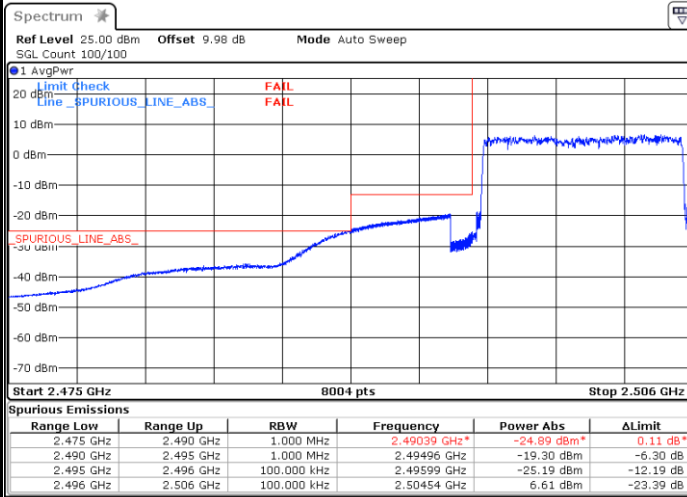
Date: 13.APR.2023 22:48:00

Highest Band Edge / 1 RB



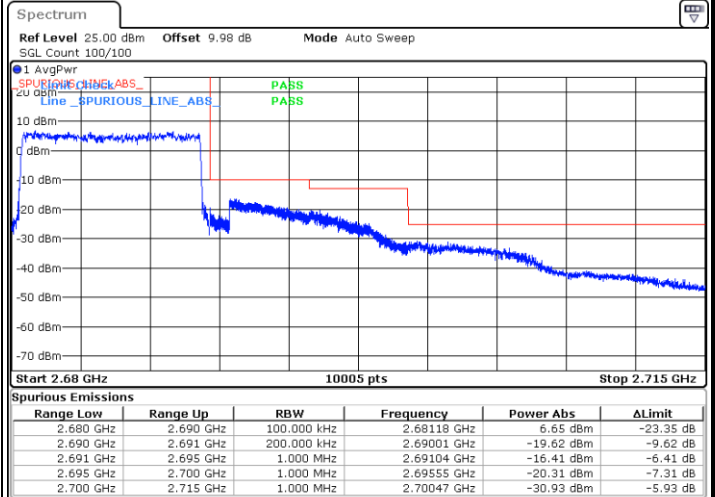
Date: 13.APR.2023 22:58:39

Lowest Band Edge / Full RB



Date: 14.APR.2023 01:56:51

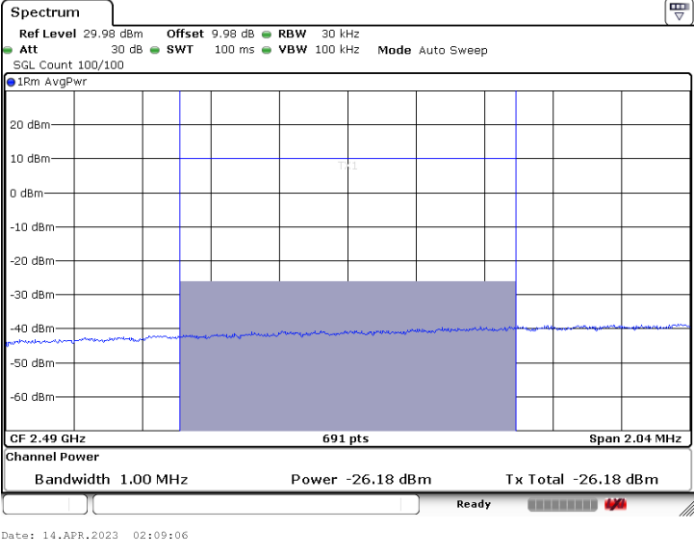
Highest Band Edge / Full RB



Date: 13.APR.2023 23:02:01



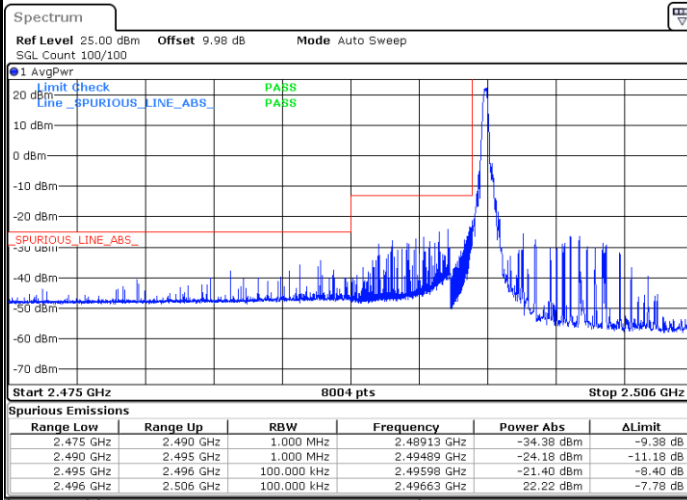
Lowest Band Edge / Full RB- Channel Power





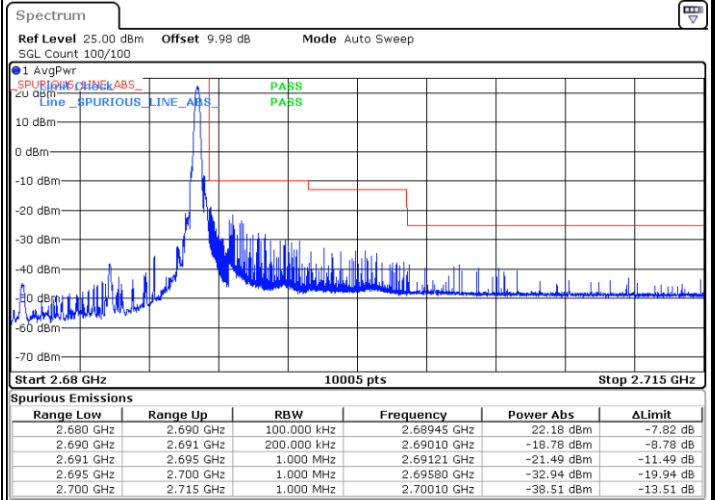
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



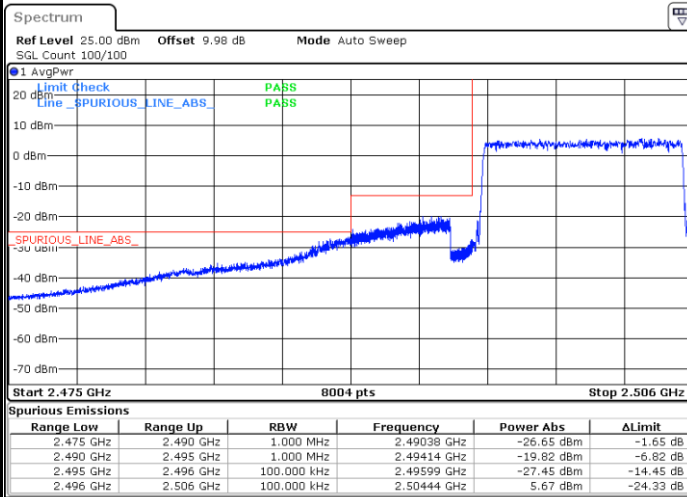
Date: 13.APR.2023 22:48:51

Highest Band Edge / 1 RB



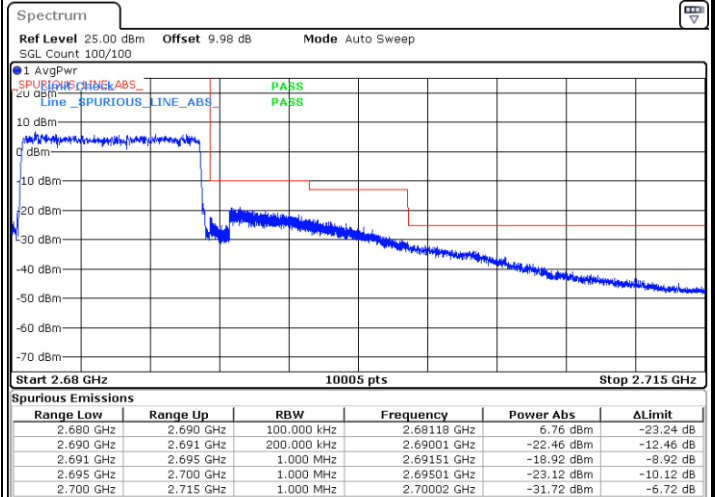
Date: 13.APR.2023 22:59:30

Lowest Band Edge / Full RB



Date: 14.APR.2023 01:57:19

Highest Band Edge / Full RB

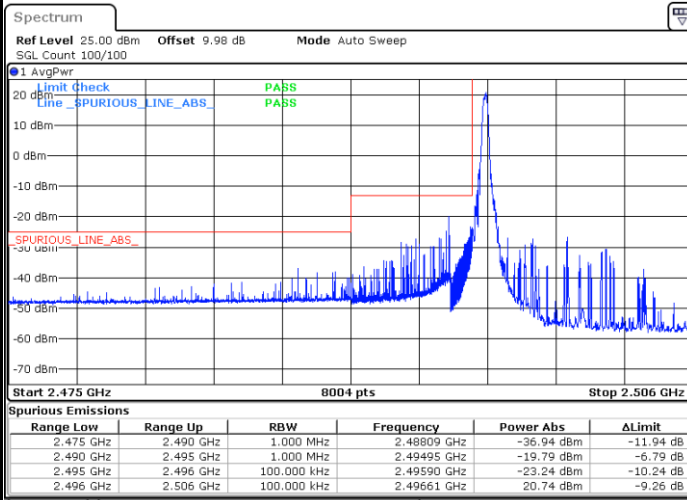


Date: 13.APR.2023 23:02:51



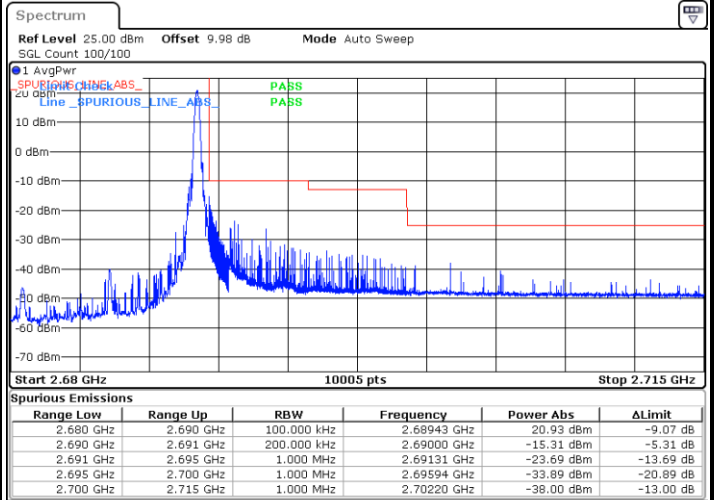
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



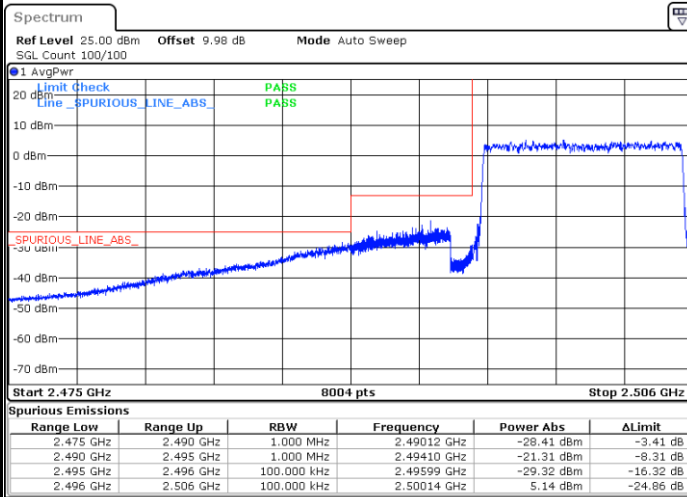
Date: 13.APR.2023 22:49:41

Highest Band Edge / 1 RB



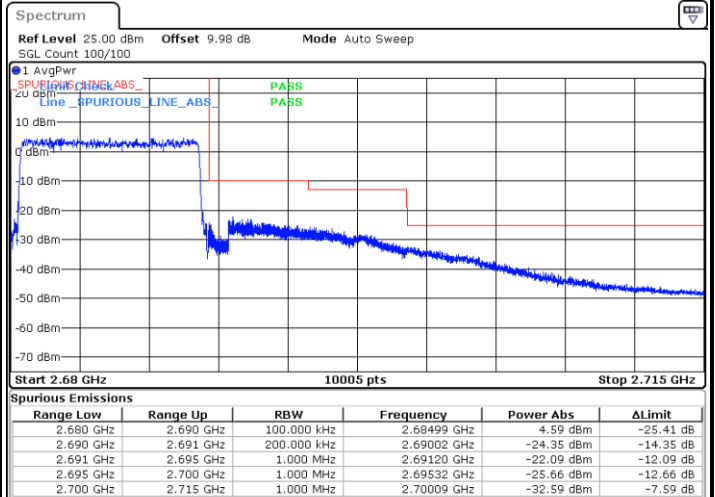
Date: 13.APR.2023 23:00:20

Lowest Band Edge / Full RB



Date: 13.APR.2023 22:53:04

Highest Band Edge / Full RB



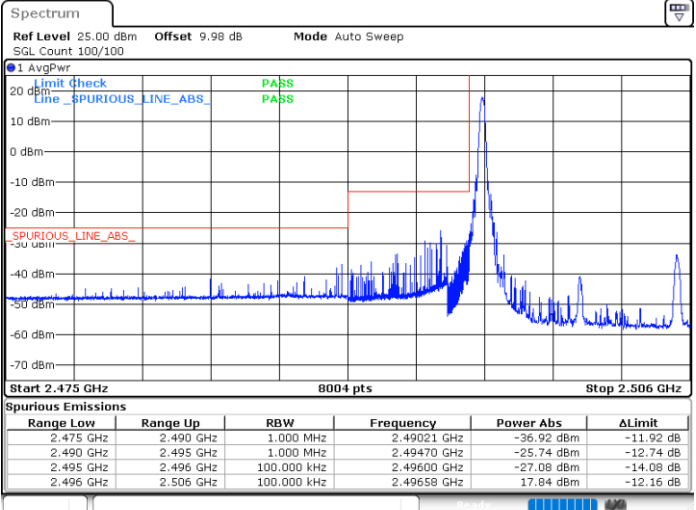
Date: 13.APR.2023 23:03:41



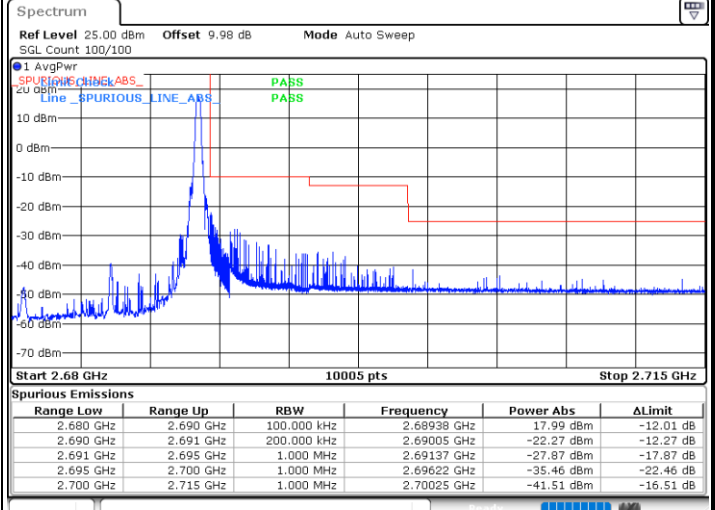
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



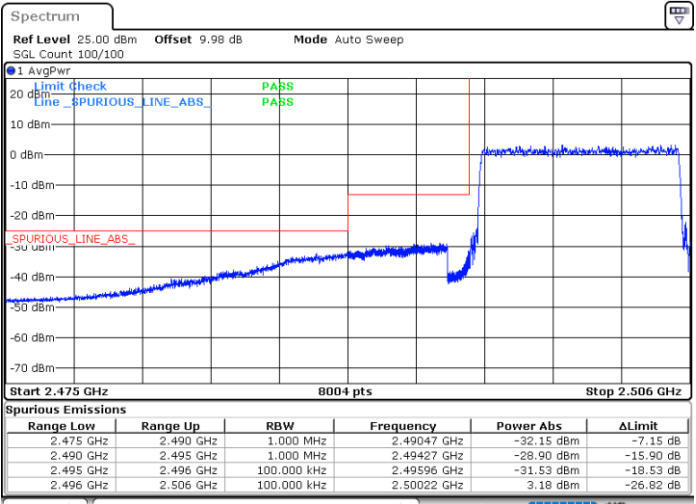
Date: 13.APR.2023 22:50:32



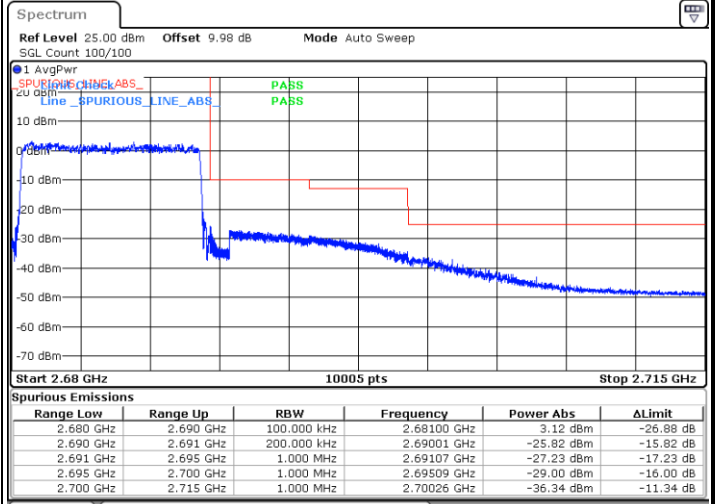
Date: 13.APR.2023 23:01:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.APR.2023 22:53:55

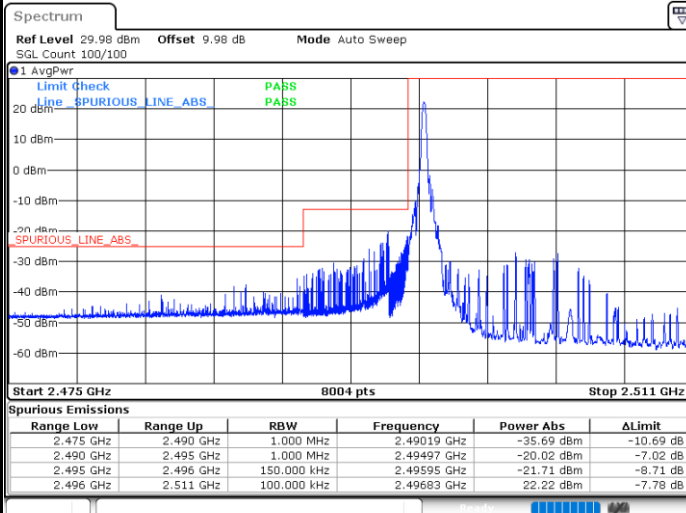


Date: 13.APR.2023 23:04:31



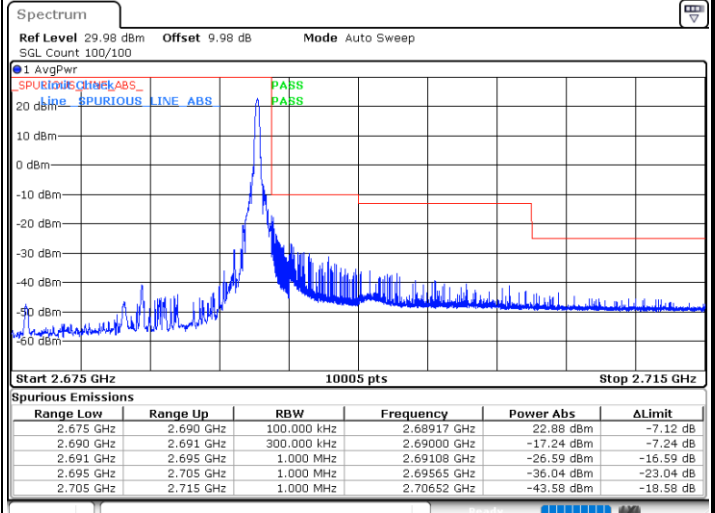
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



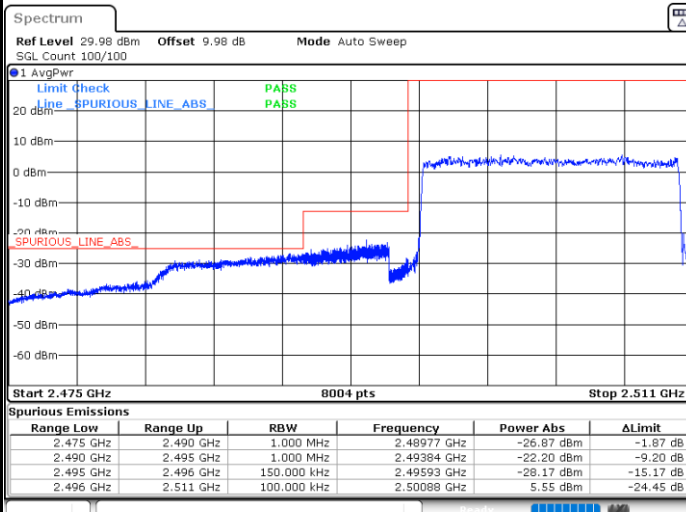
Date: 13.APR.2023 23:06:45

Highest Band Edge / 1 RB



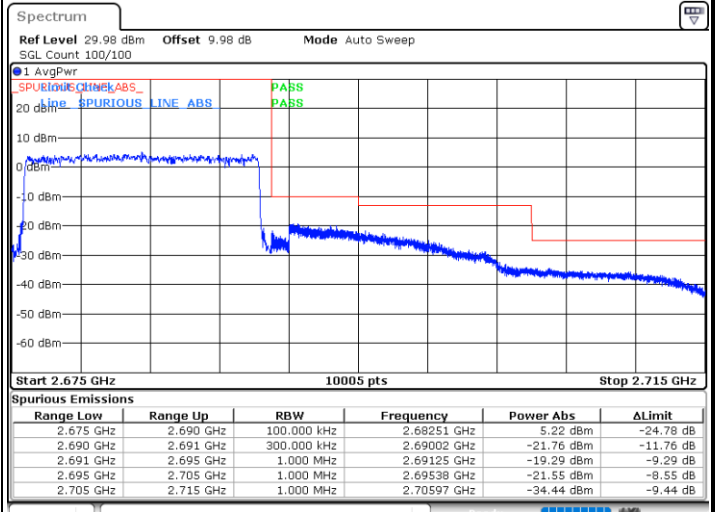
Date: 13.APR.2023 23:17:27

Lowest Band Edge / Full RB



Date: 28.APR.2023 07:38:31

Highest Band Edge / Full RB

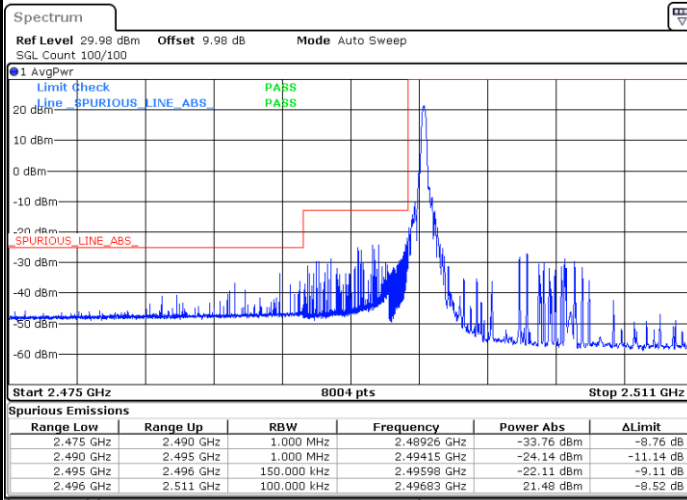


Date: 13.APR.2023 23:20:49



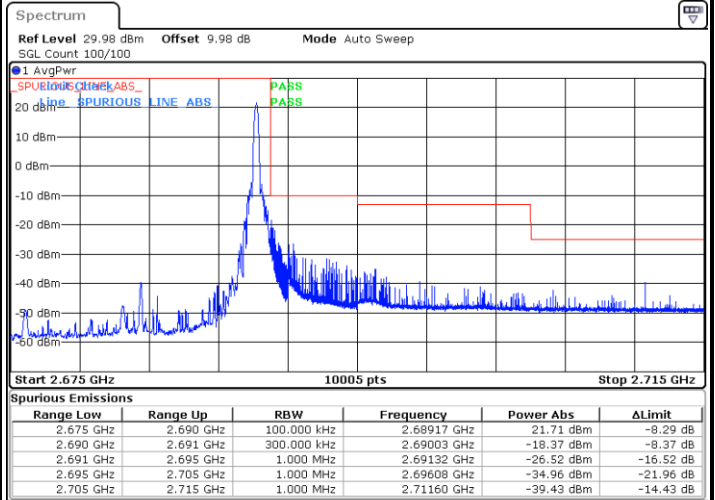
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



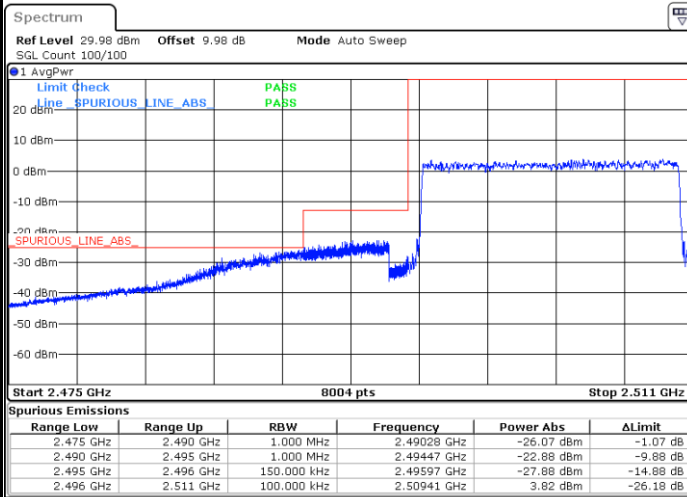
Date: 13.APR.2023 23:07:36

Highest Band Edge / 1 RB



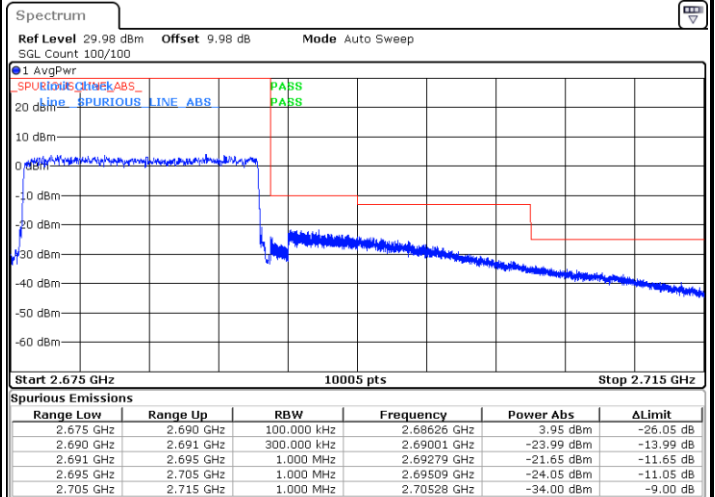
Date: 13.APR.2023 23:18:17

Lowest Band Edge / Full RB



Date: 14.APR.2023 02:00:09

Highest Band Edge / Full RB

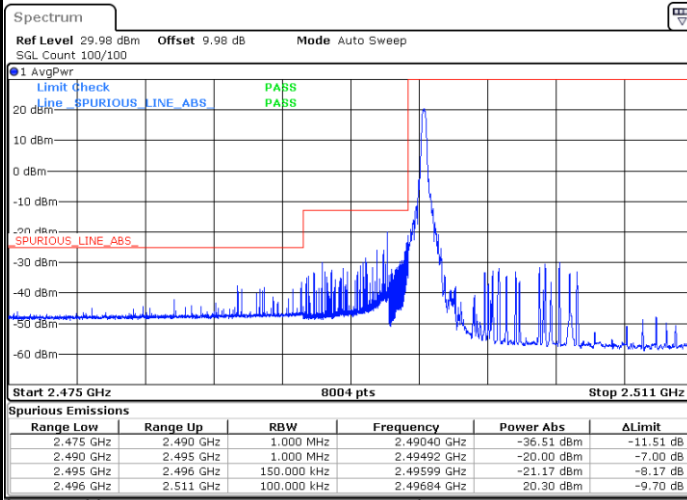


Date: 13.APR.2023 23:21:39



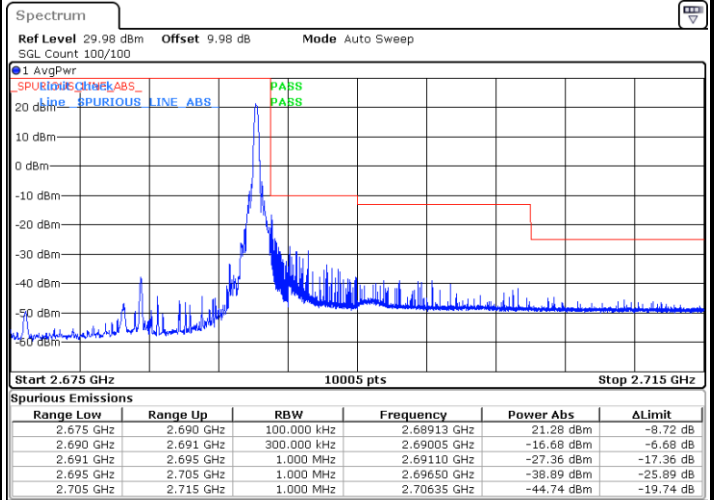
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



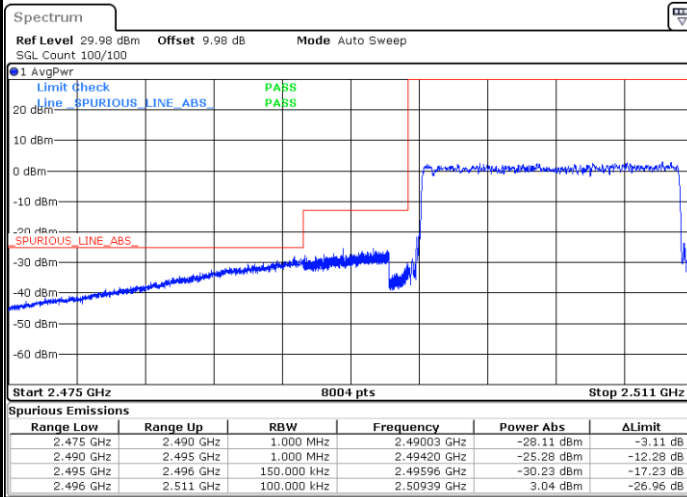
Date: 13.APR.2023 23:08:27

Highest Band Edge / 1 RB



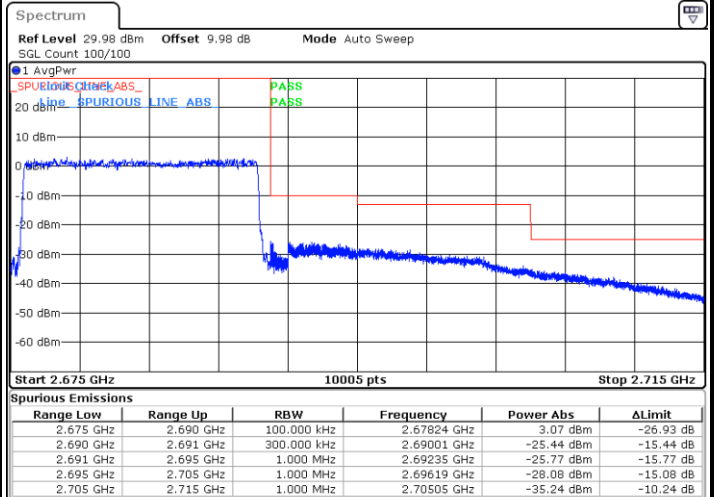
Date: 13.APR.2023 23:19:08

Lowest Band Edge / Full RB



Date: 13.APR.2023 23:11:52

Highest Band Edge / Full RB



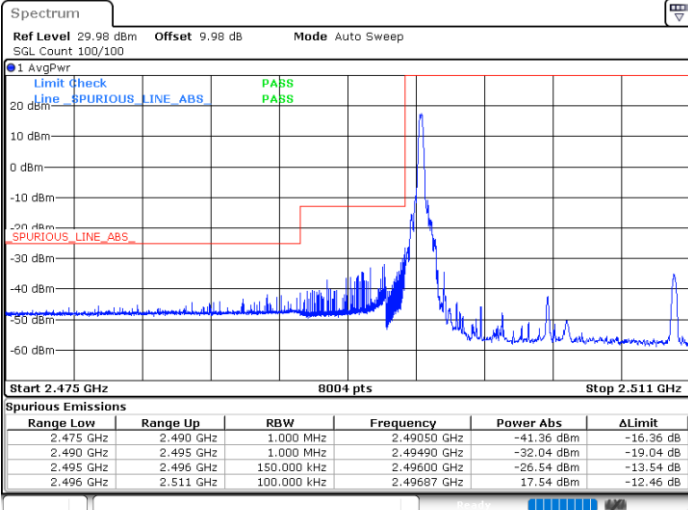
Date: 13.APR.2023 23:22:29



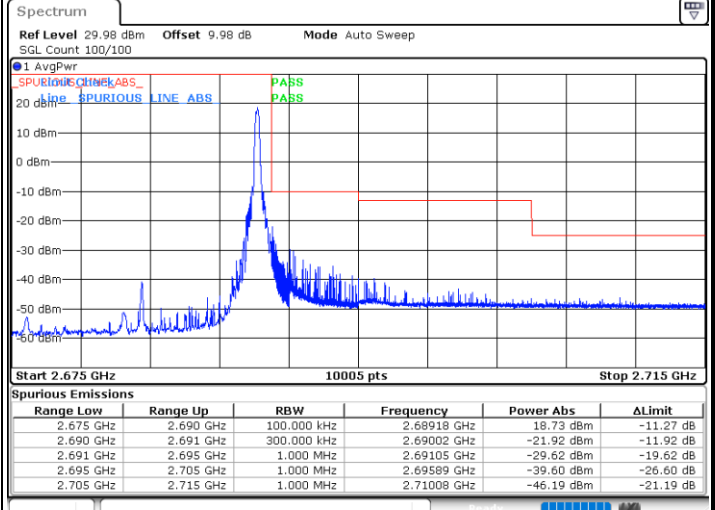
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



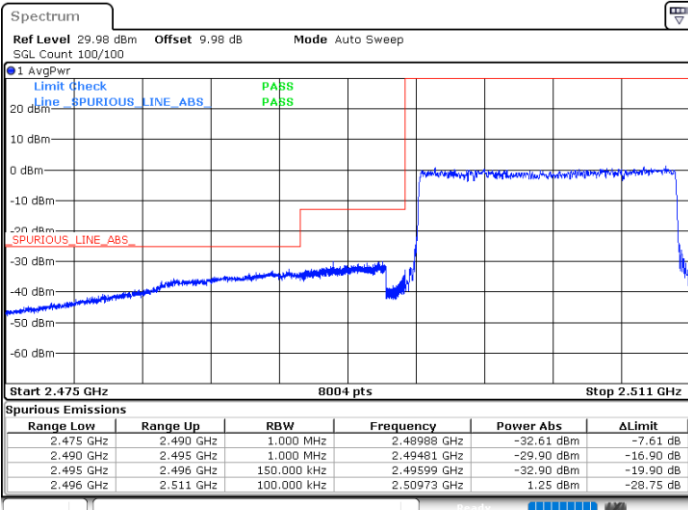
Date: 13.APR.2023 23:09:17



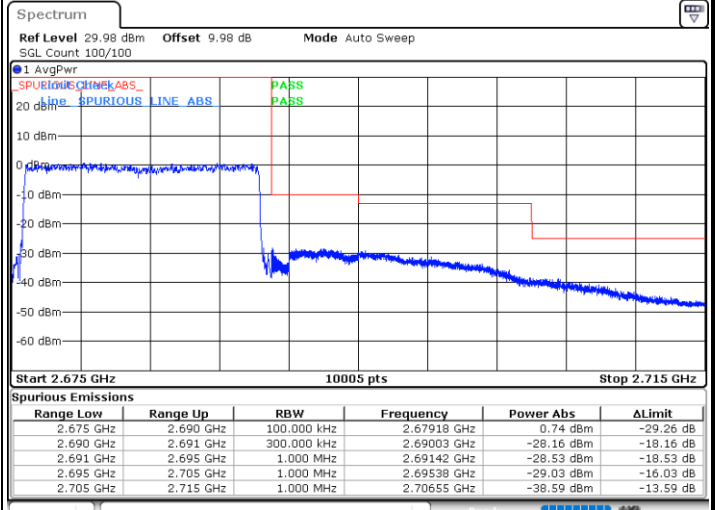
Date: 13.APR.2023 23:19:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.APR.2023 23:12:43

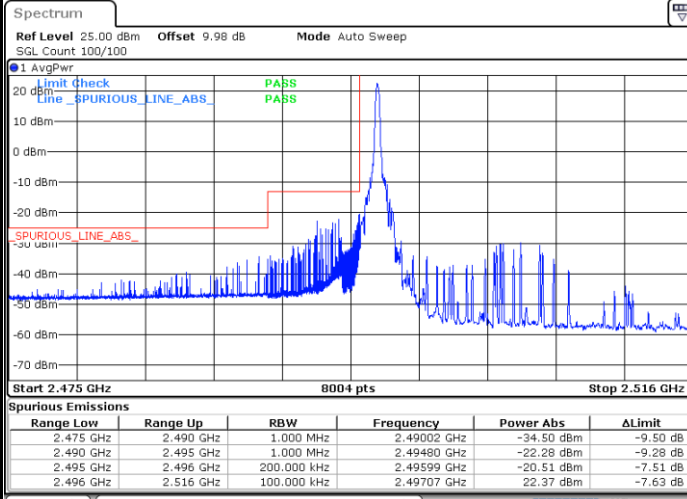


Date: 13.APR.2023 23:23:20



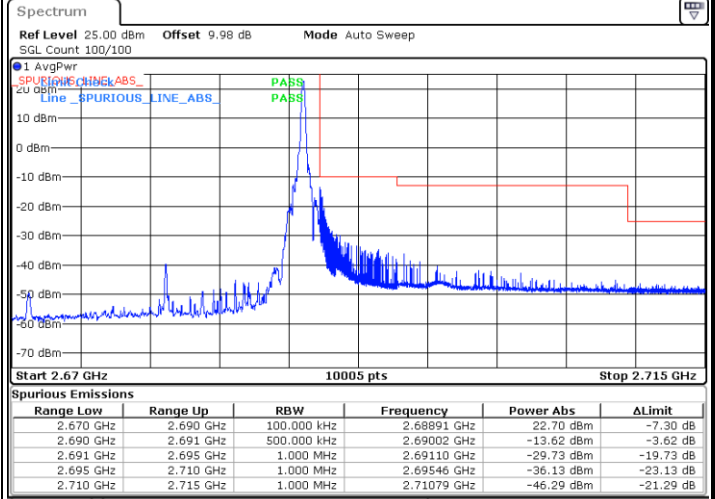
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



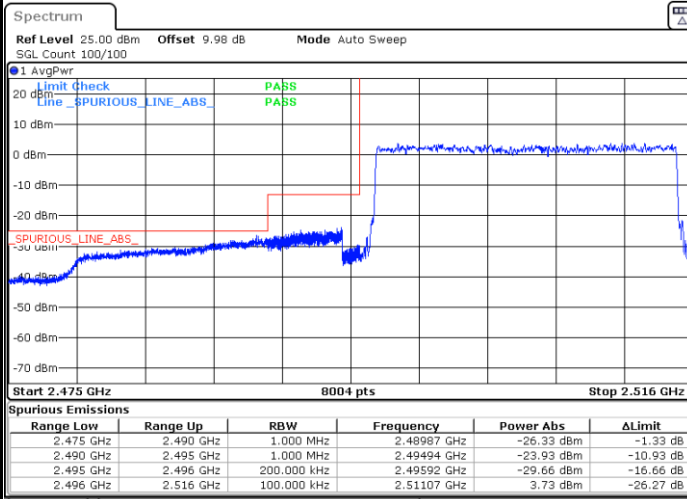
Date: 13.APR.2023 23:31:26

Highest Band Edge / 1 RB



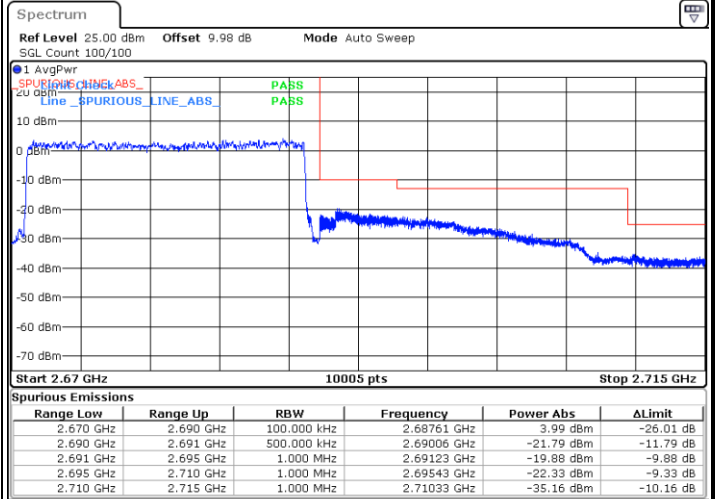
Date: 13.APR.2023 23:40:08

Lowest Band Edge / Full RB



Date: 28.APR.2023 07:39:03

Highest Band Edge / Full RB

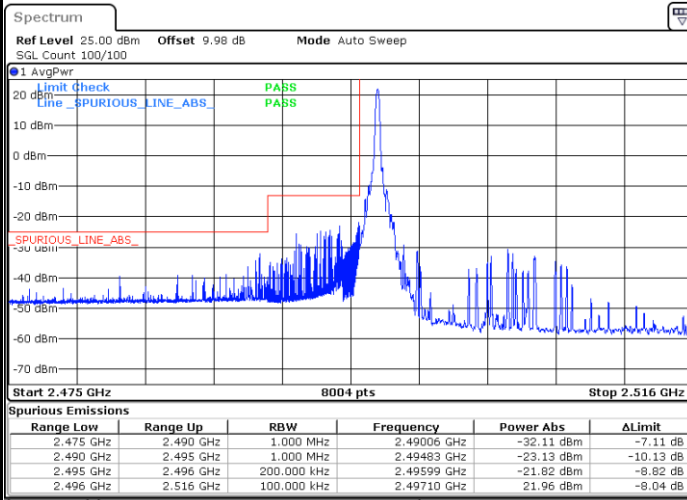


Date: 13.APR.2023 23:42:29



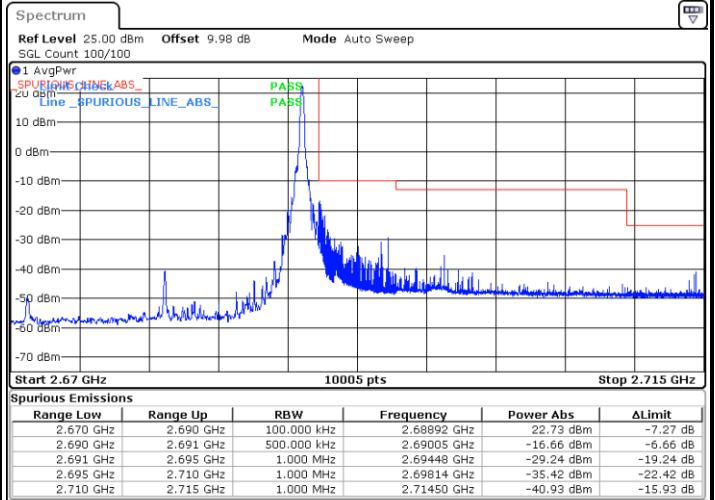
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



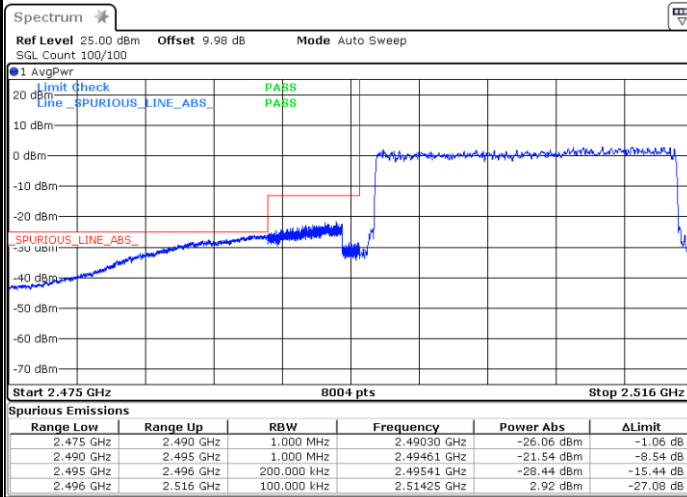
Date: 13.APR.2023 23:32:02

Highest Band Edge / 1 RB



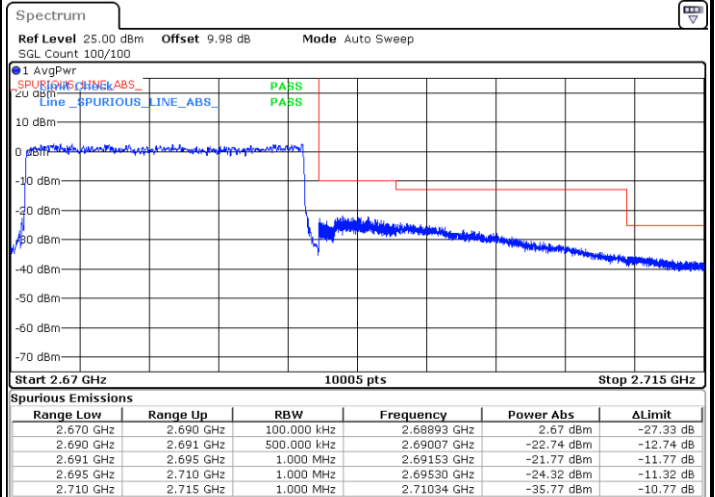
Date: 13.APR.2023 23:40:43

Lowest Band Edge / Full RB



Date: 14.APR.2023 02:03:08

Highest Band Edge / Full RB

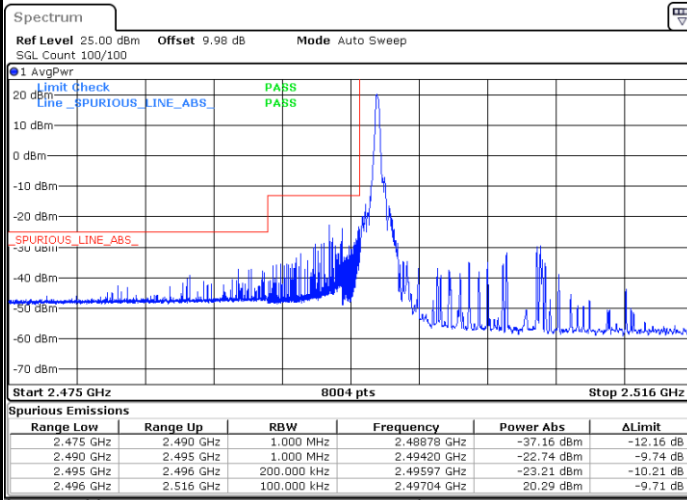


Date: 13.APR.2023 23:43:05



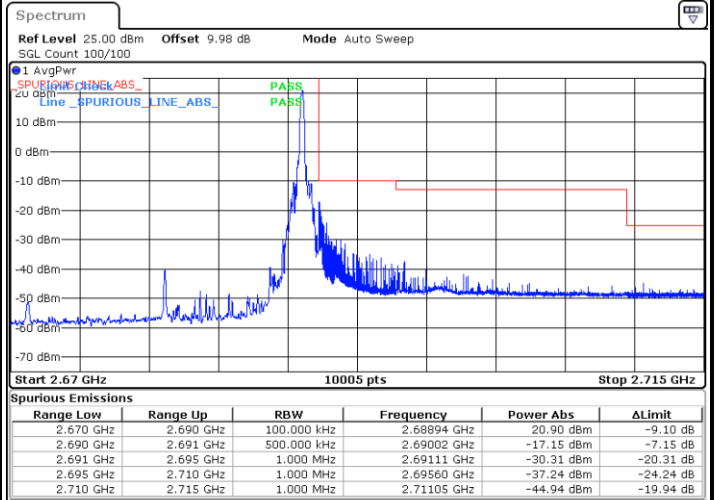
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



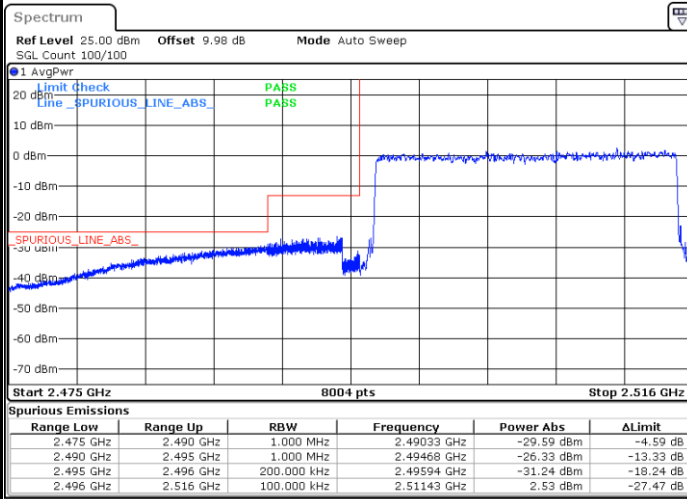
Date: 13.APR.2023 23:32:38

Highest Band Edge / 1 RB



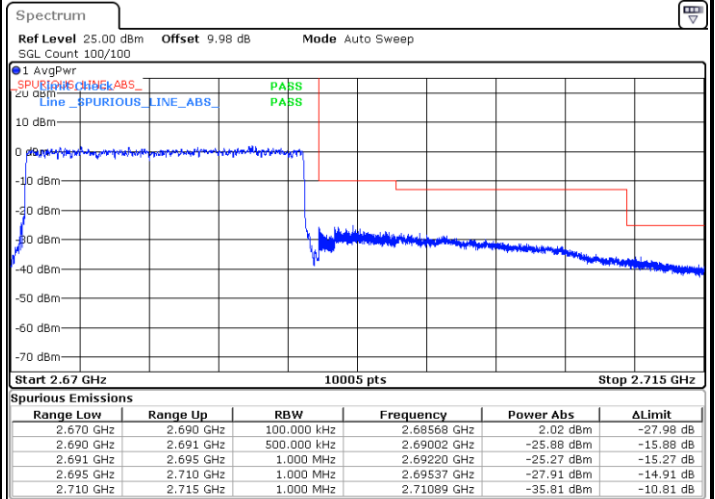
Date: 13.APR.2023 23:41:19

Lowest Band Edge / Full RB



Date: 13.APR.2023 23:35:03

Highest Band Edge / Full RB

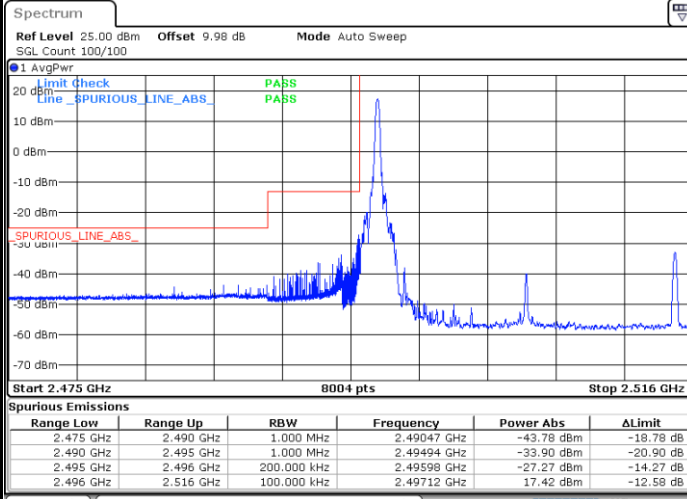


Date: 13.APR.2023 23:43:40

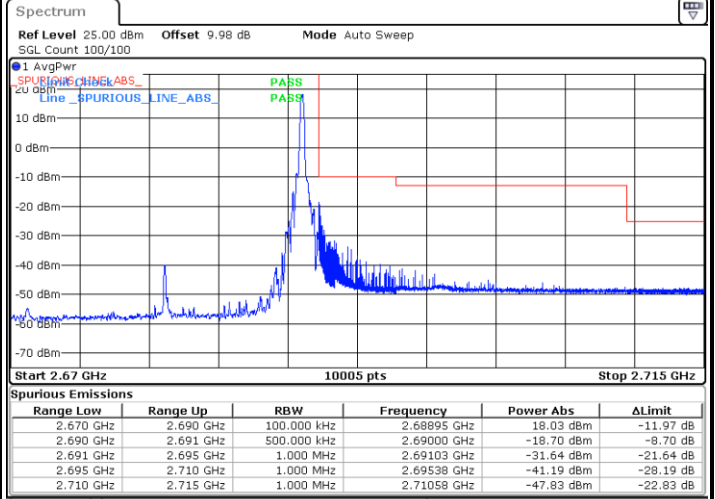


LTE Band 41 / 20MHz / 256QAM

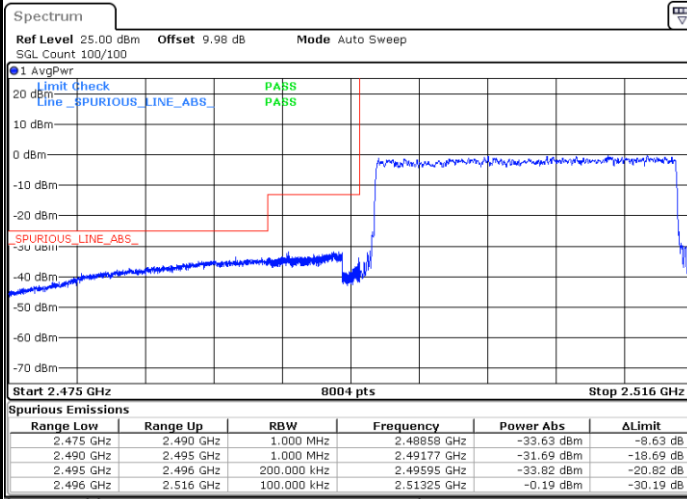
Lowest Band Edge / 1RB



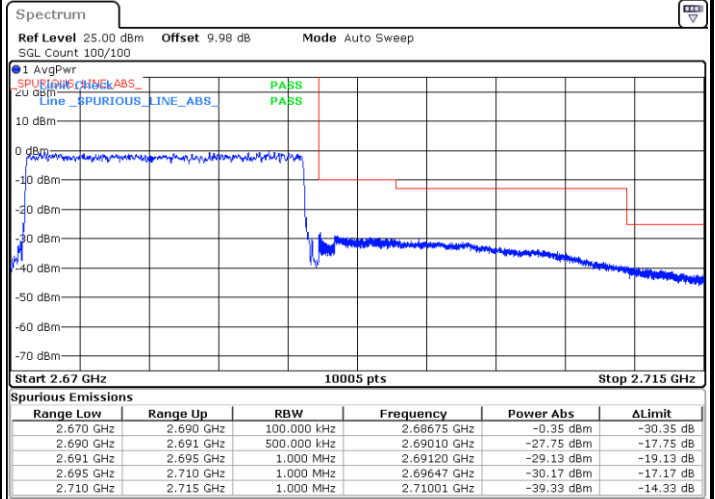
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

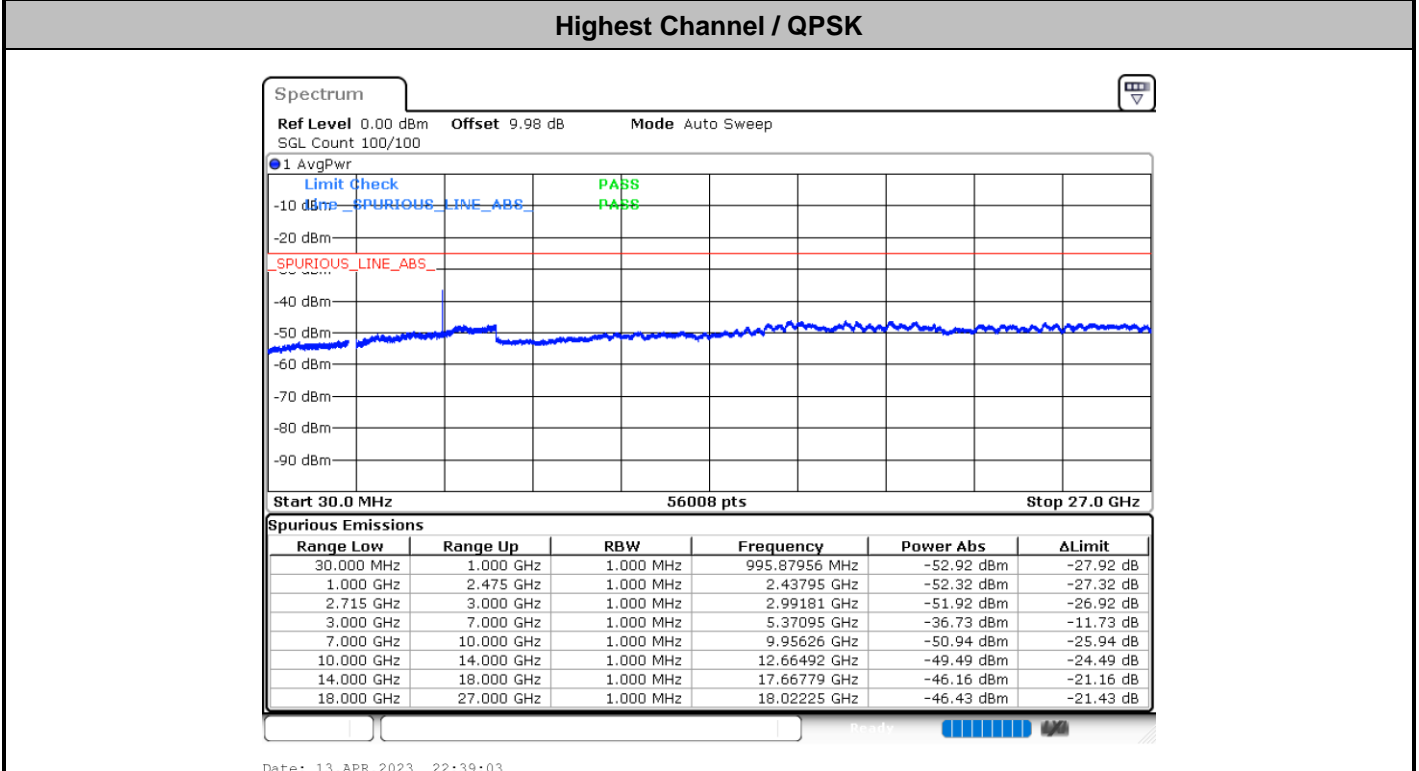
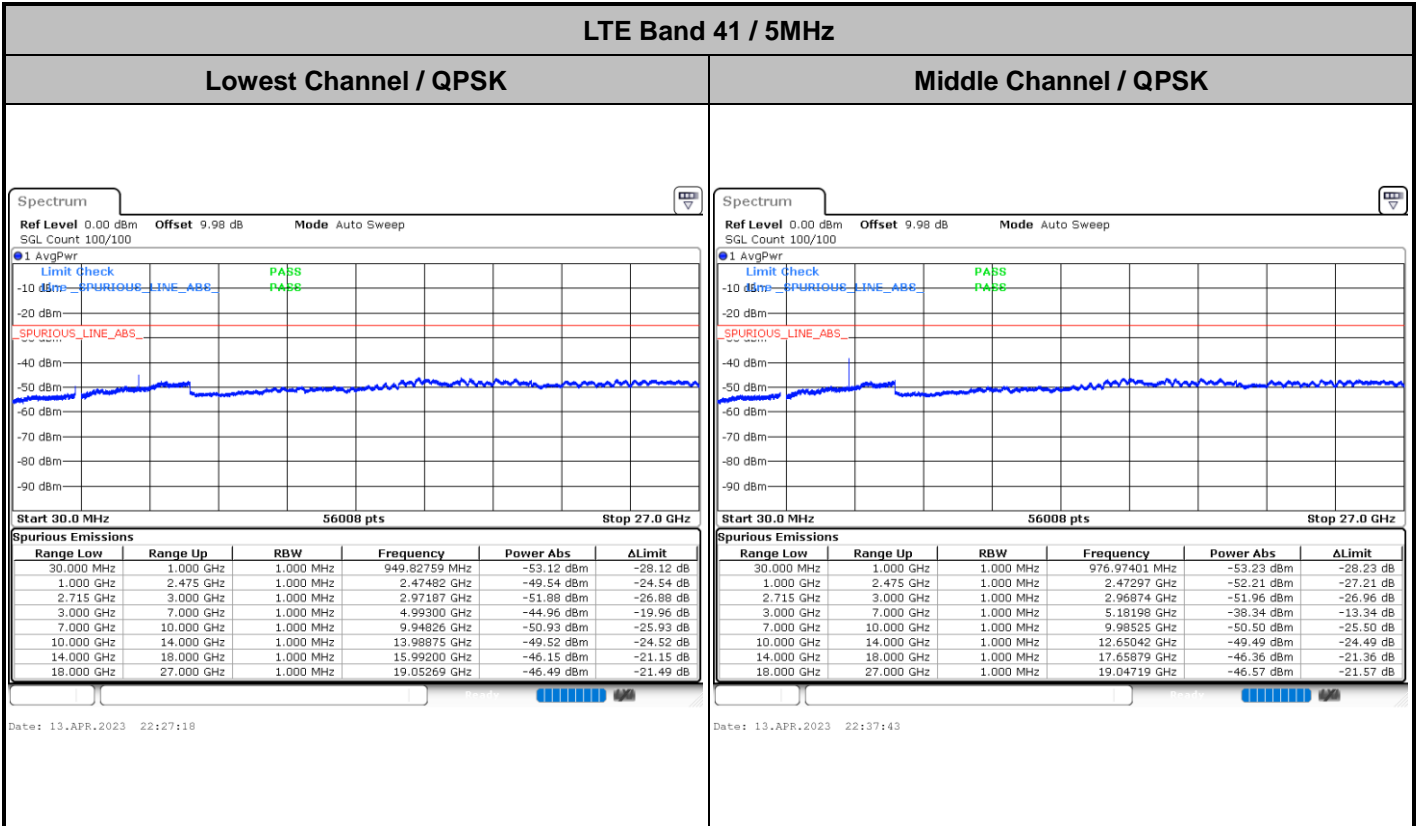


Highest Band Edge / Full RB





Conducted Spurious Emission

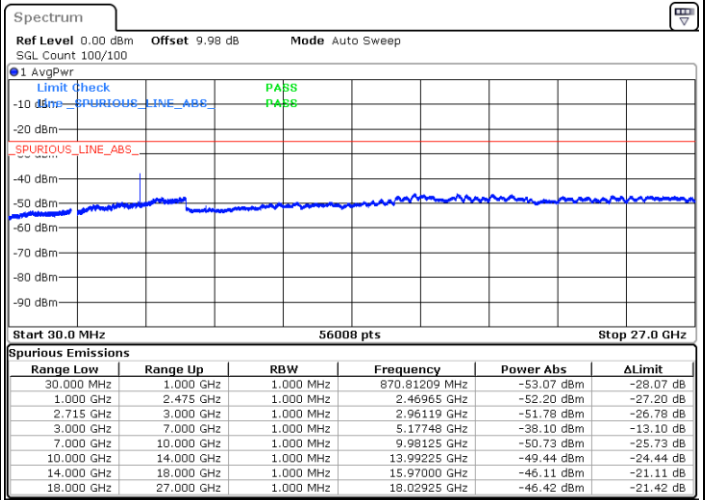
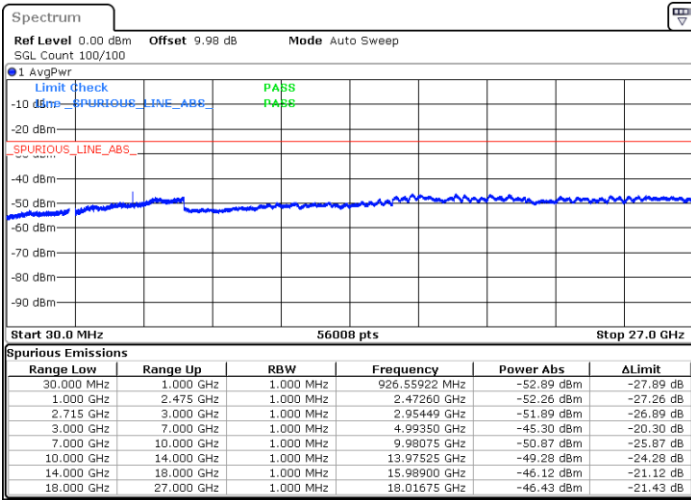




LTE Band 41 / 10MHz

Lowest Channel / QPSK

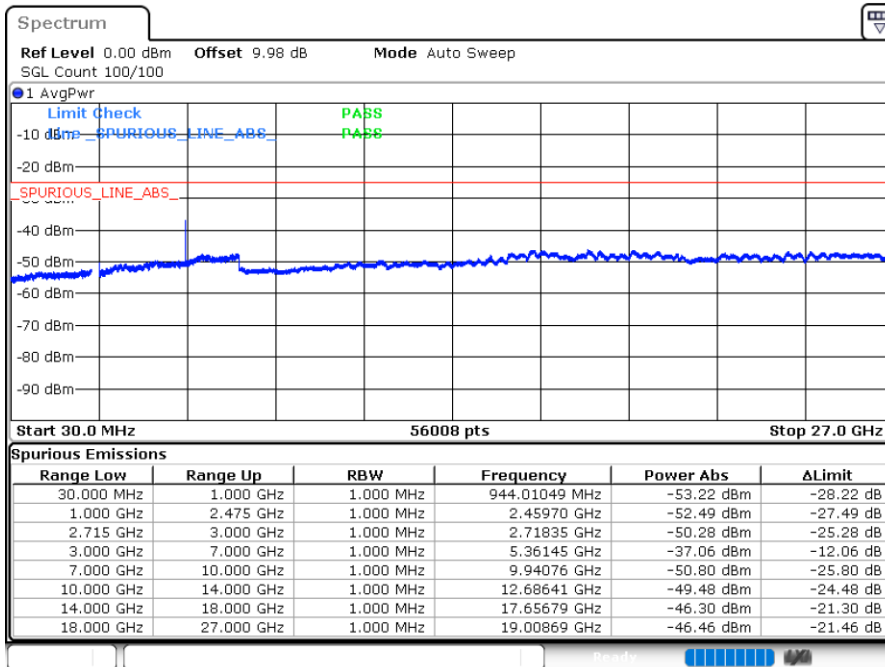
Middle Channel / QPSK



Date: 13.APR.2023 22:47:09

Date: 13.APR.2023 22:56:28

Highest Channel / QPSK



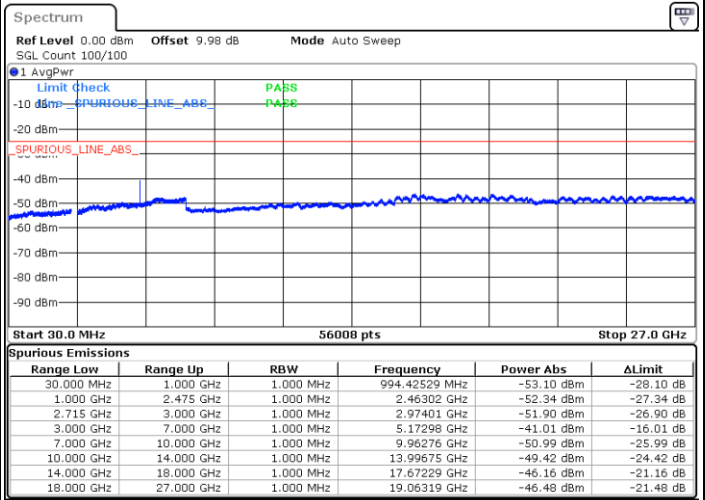
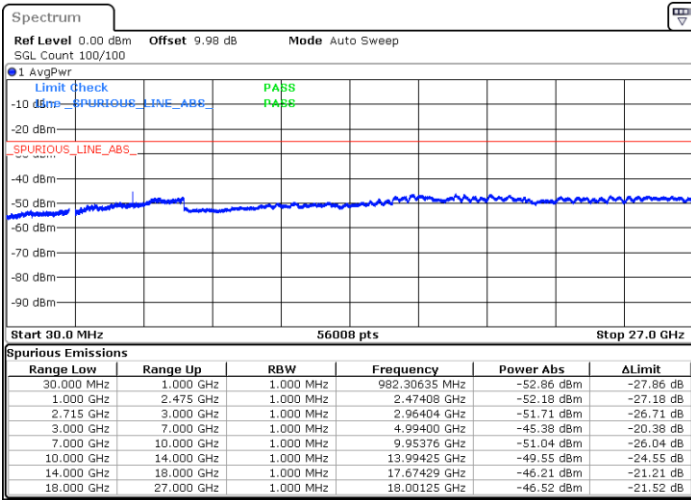
Date: 13.APR.2023 22:57:49



LTE Band 41 / 15MHz

Lowest Channel / QPSK

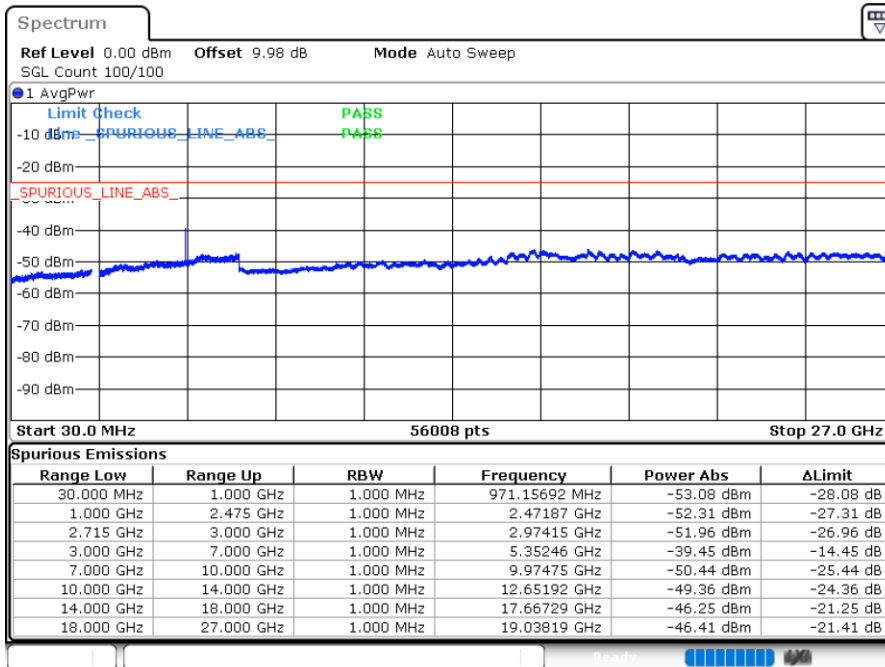
Middle Channel / QPSK



Date: 13.APR.2023 23:05:54

Date: 13.APR.2023 23:15:17

Highest Channel / QPSK



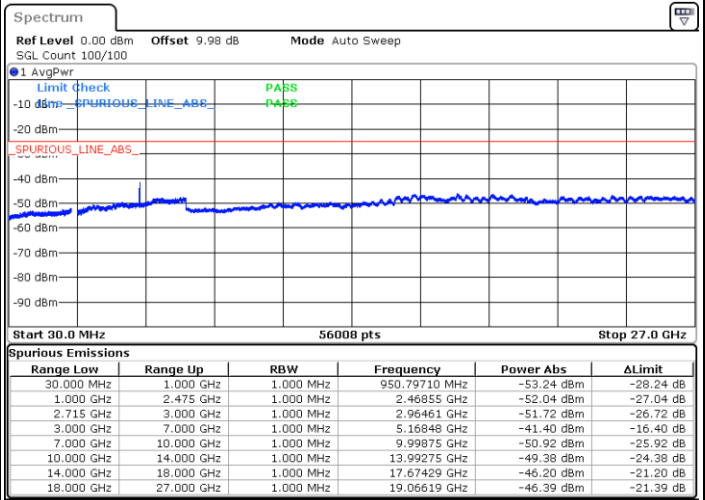
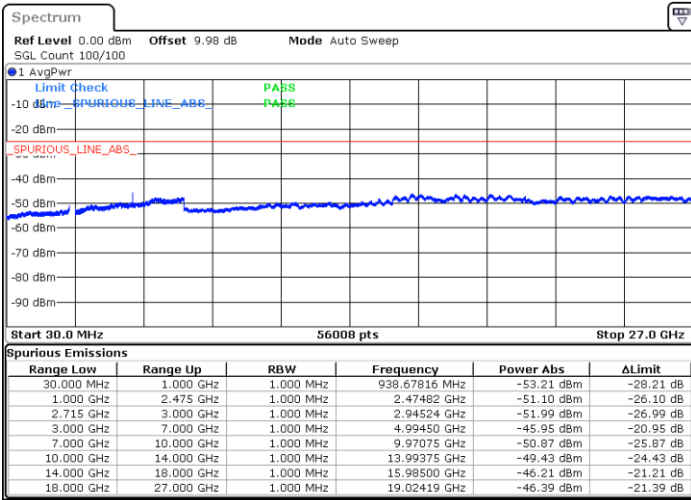
Date: 13.APR.2023 23:16:36



LTE Band 41 / 20MHz

Lowest Channel / QPSK

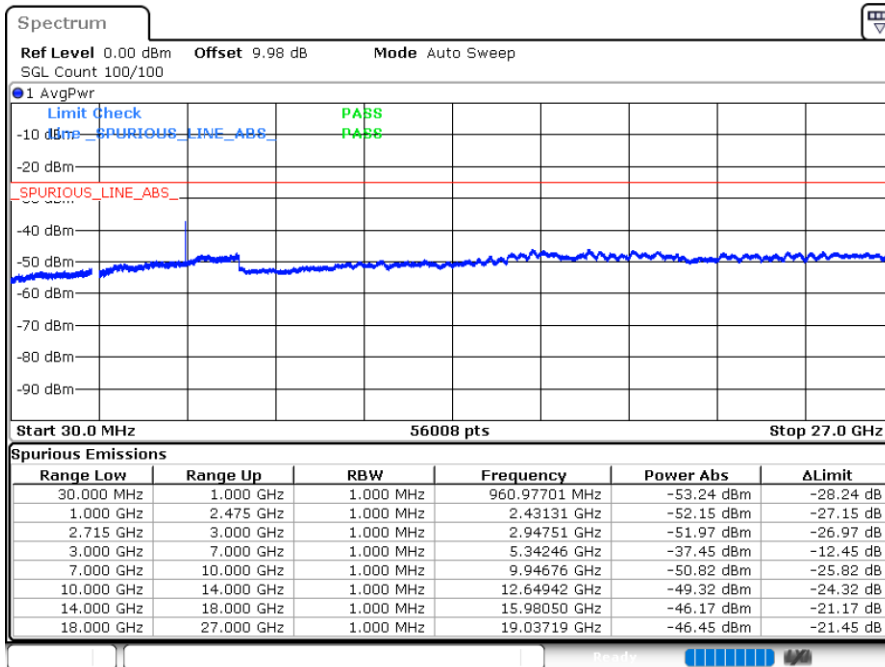
Middle Channel / QPSK



Date: 13.APR.2023 23:28:12

Date: 13.APR.2023 23:38:13

Highest Channel / QPSK



Date: 13.APR.2023 23:39:33



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	0.0005	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0013	

Note:

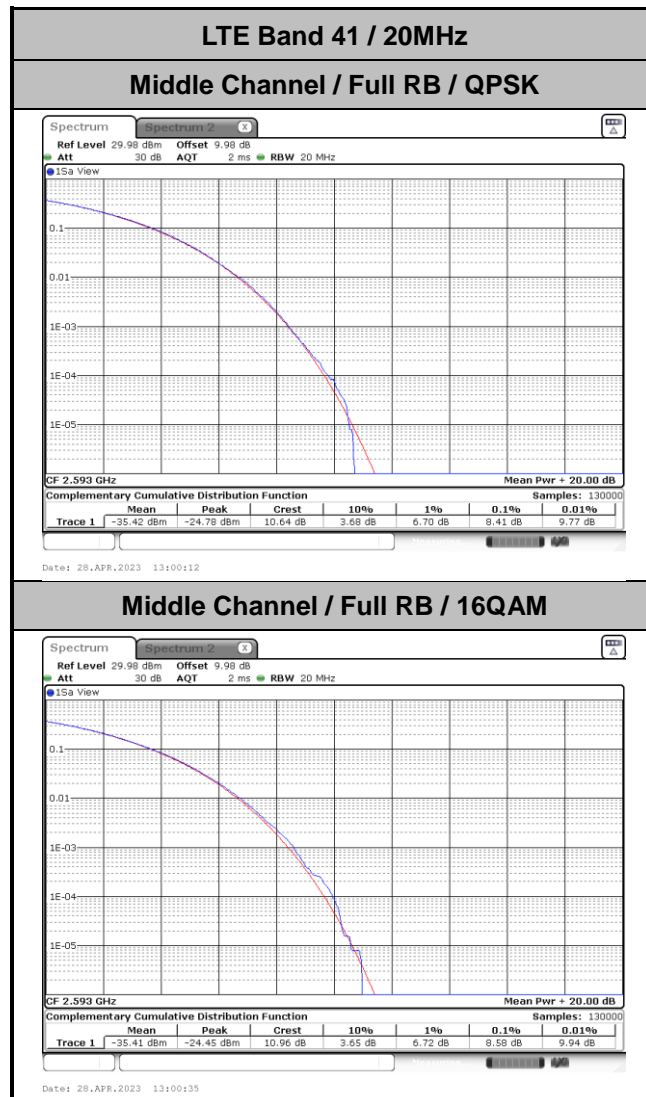
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

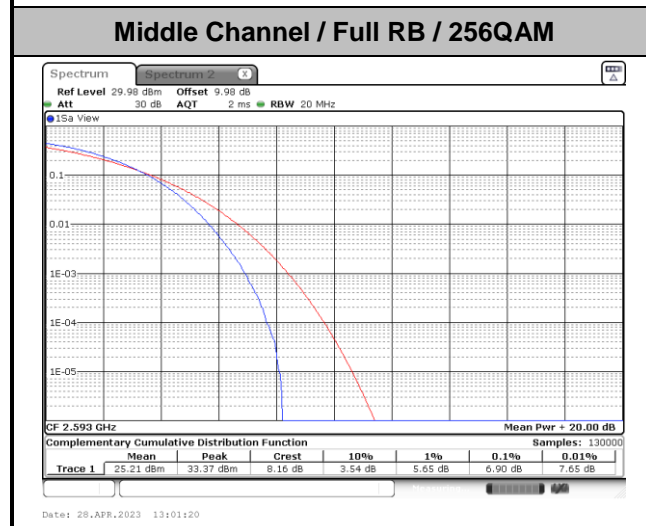
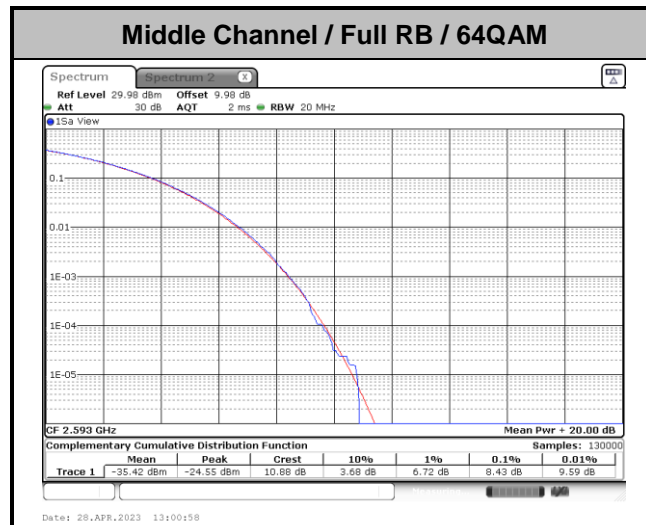


LTE Band 41(other PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	8.41	8.58	8.43	PASS
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.90			PASS







26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.21	4.96
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.59	10.05
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.39	14.33
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.26	18.82

