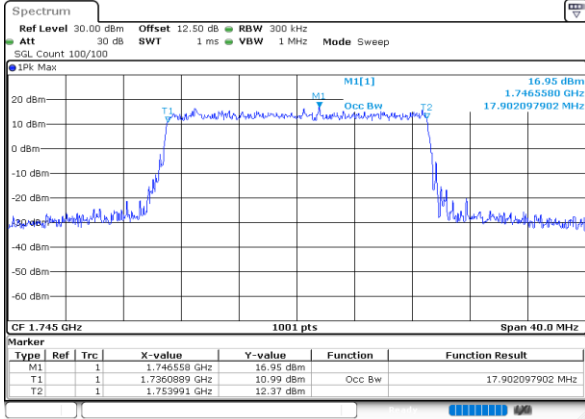




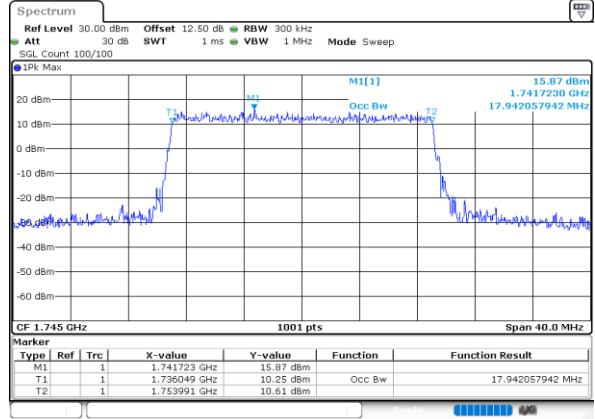
LTE Band 66

Middle Channel / 20MHz / QPSK



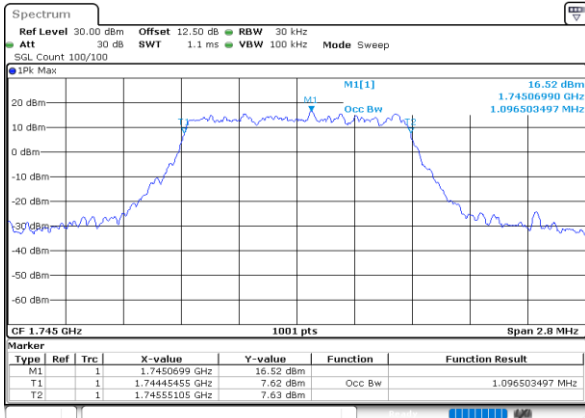
Date: 21.DEC.2023 21:53:02

Middle Channel / 20MHz / 16QAM



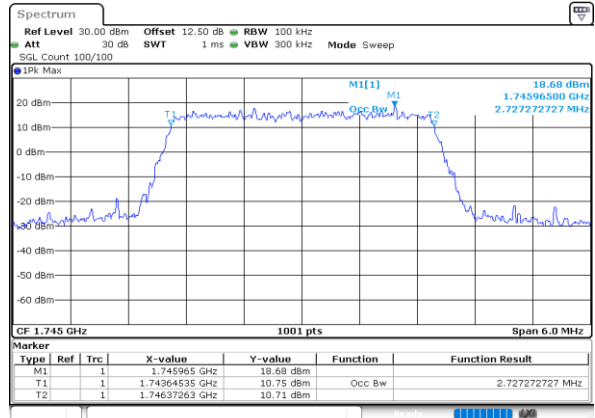
Date: 21.DEC.2023 21:53:26

Middle Channel / 1.4MHz / 64QAM



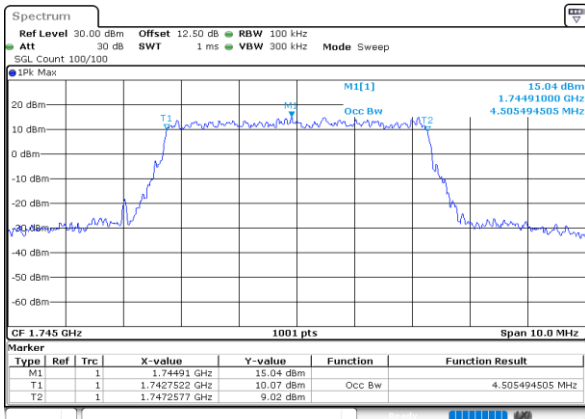
Date: 21.DEC.2023 21:17:46

Middle Channel / 3MHz / 64QAM



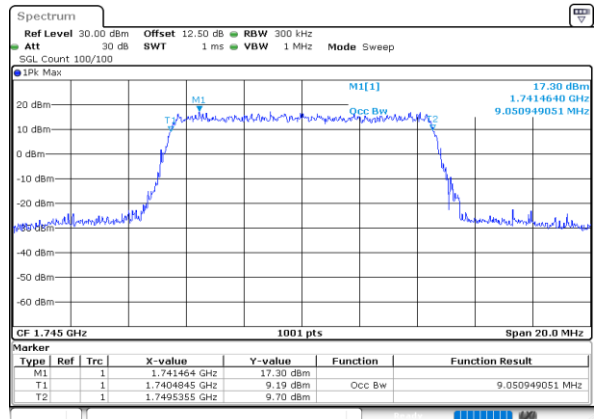
Date: 21.DEC.2023 21:26:12

Middle Channel / 5MHz / 64QAM



Date: 21.DEC.2023 21:28:44

Middle Channel / 10MHz / 64QAM

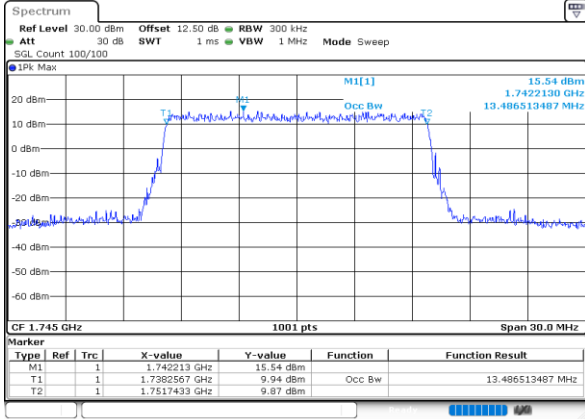


Date: 21.DEC.2023 21:41:42



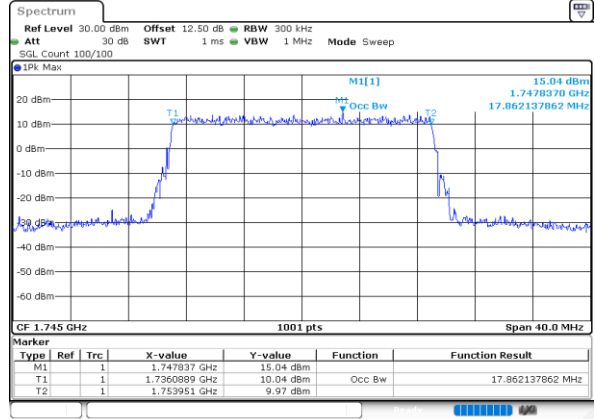
LTE Band 66

Middle Channel / 15MHz / 64QAM



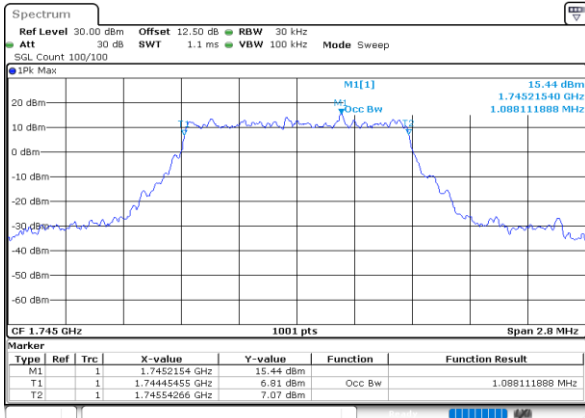
Date: 21.DEC.2023 21:44:14

Middle Channel / 20MHz / 64QAM



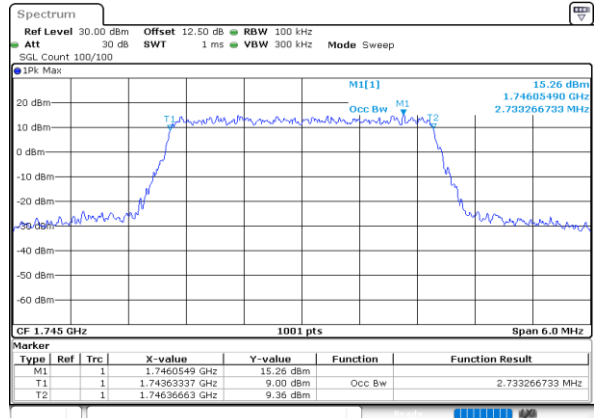
Date: 21.DEC.2023 21:57:12

Middle Channel / 1.4MHz / 256QAM



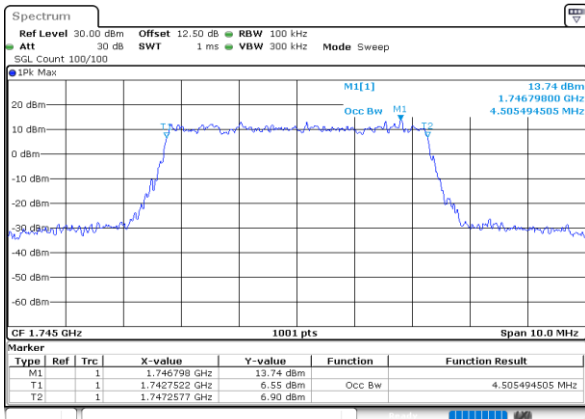
Date: 21.DEC.2023 22:01:55

Middle Channel / 3MHz / 256QAM



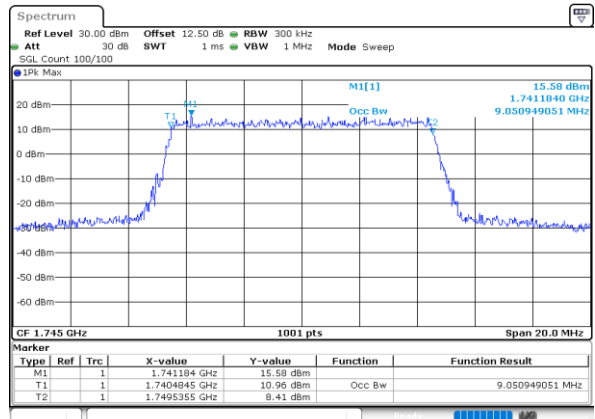
Date: 21.DEC.2023 22:09:11

Middle Channel / 5MHz / 256QAM



Date: 21.DEC.2023 22:26:50

Middle Channel / 10MHz / 256QAM

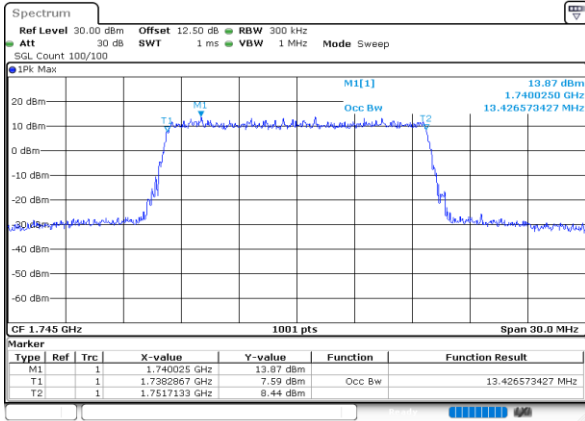


Date: 21.DEC.2023 22:44:29



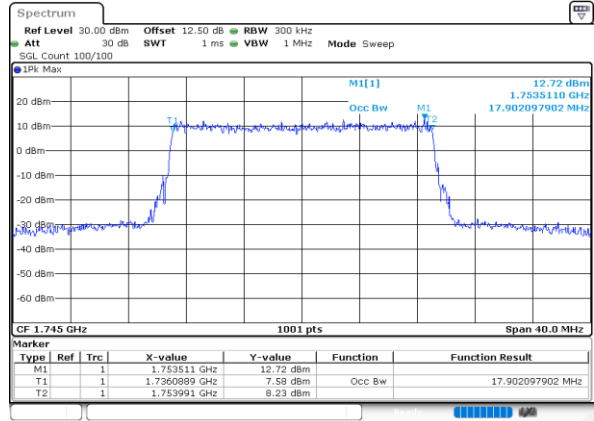
LTE Band 66

Middle Channel / 15MHz / 256QAM



Date: 21.DEC.2023 22:55:20

Middle Channel / 20MHz / 256QAM



Date: 21.DEC.2023 23:06:00



Conducted Band Edge

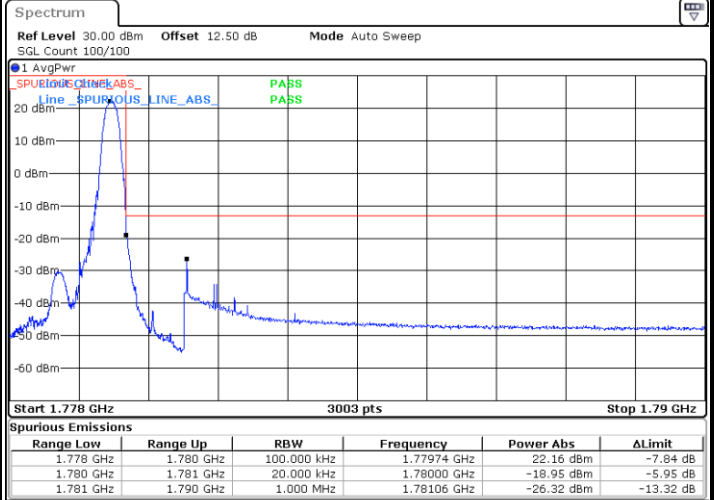
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



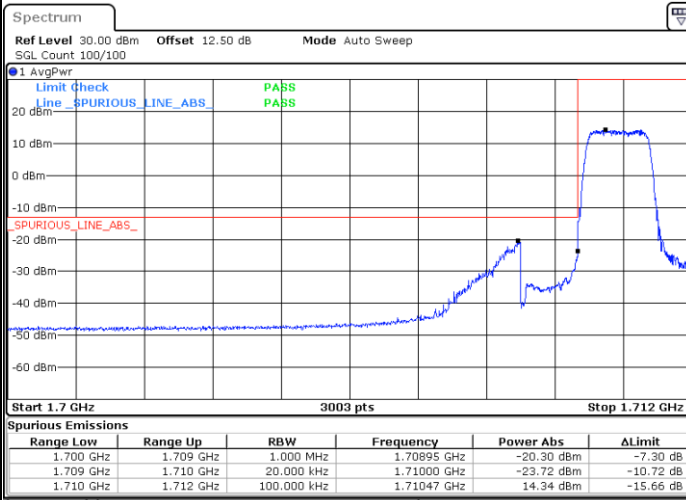
Date: 21.DEC.2023 21:04:21

Highest Band Edge / 1RB



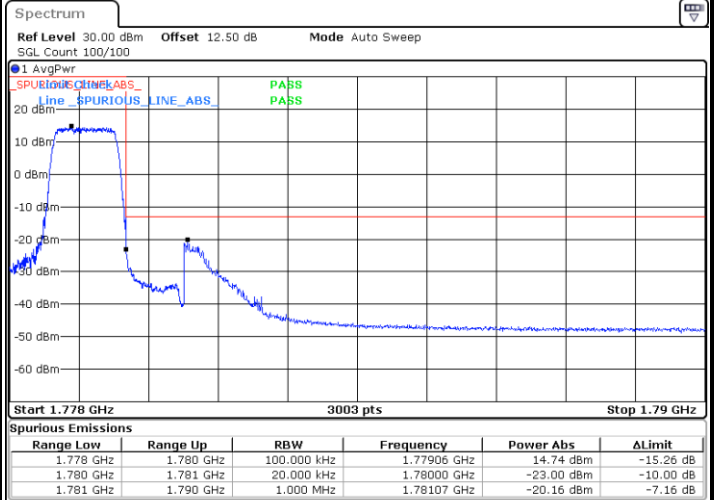
Date: 21.DEC.2023 21:11:48

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:06:06

Highest Band Edge / Full RB

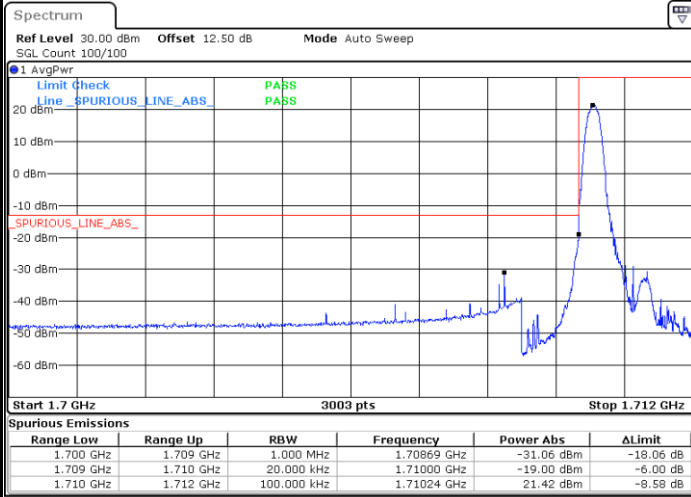


Date: 21.DEC.2023 21:13:33



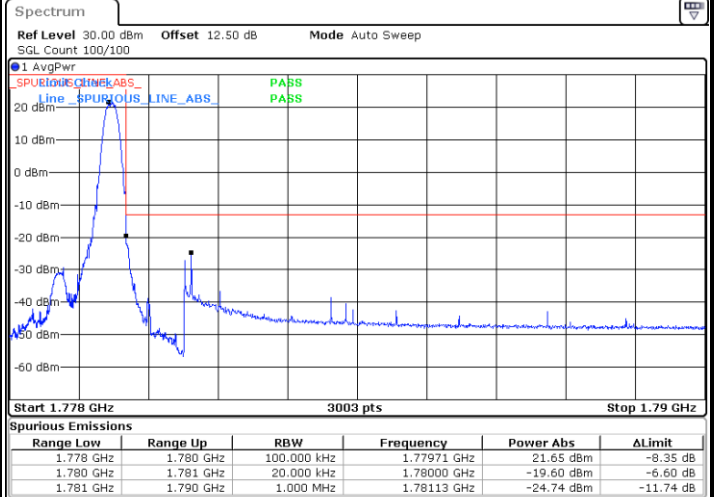
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



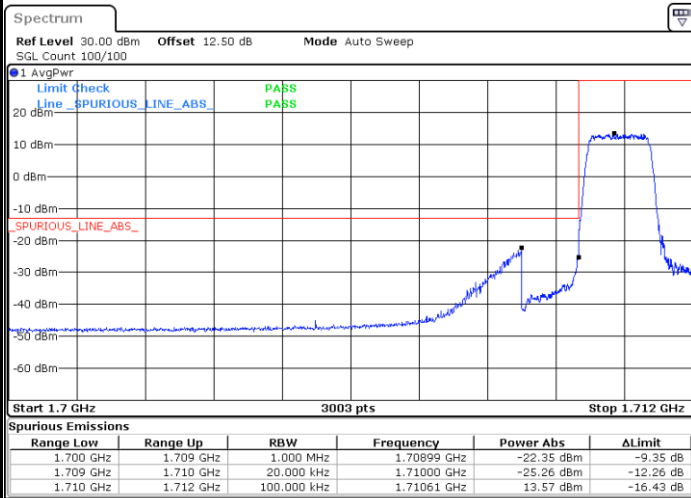
Date: 21.DEC.2023 21:05:13

Highest Band Edge / 1 RB



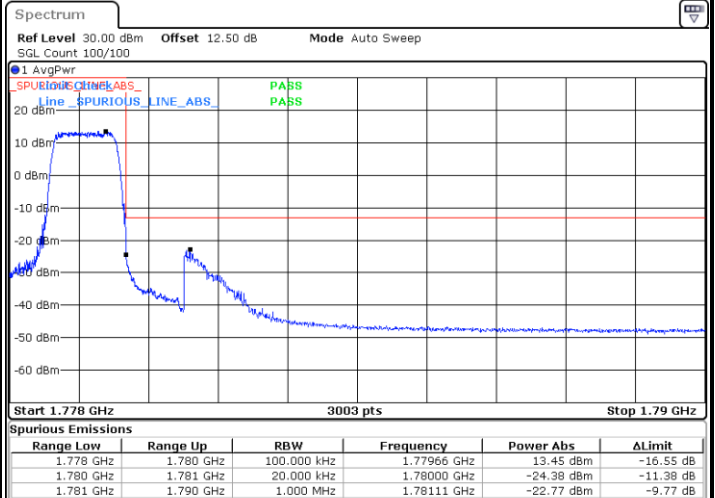
Date: 21.DEC.2023 21:12:41

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:06:58

Highest Band Edge / Full RB

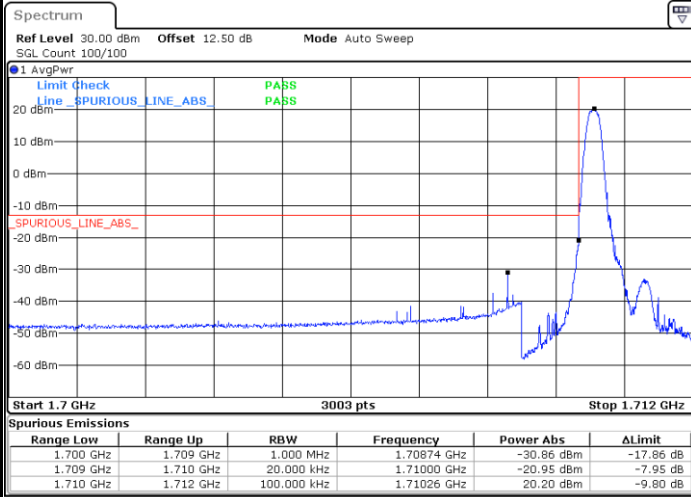


Date: 21.DEC.2023 21:14:25



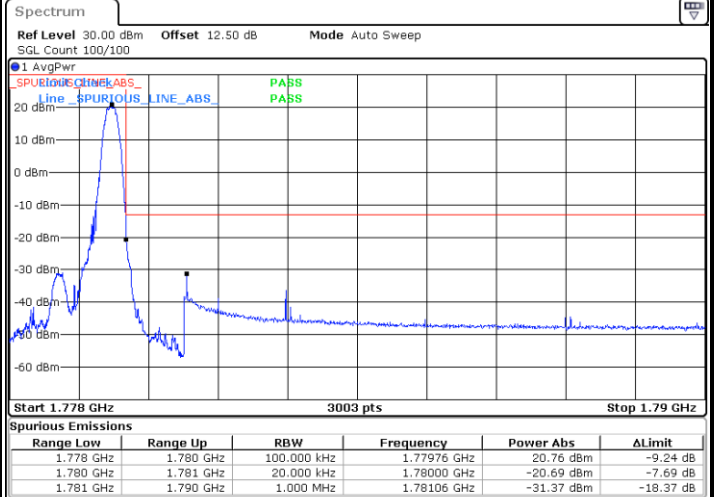
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



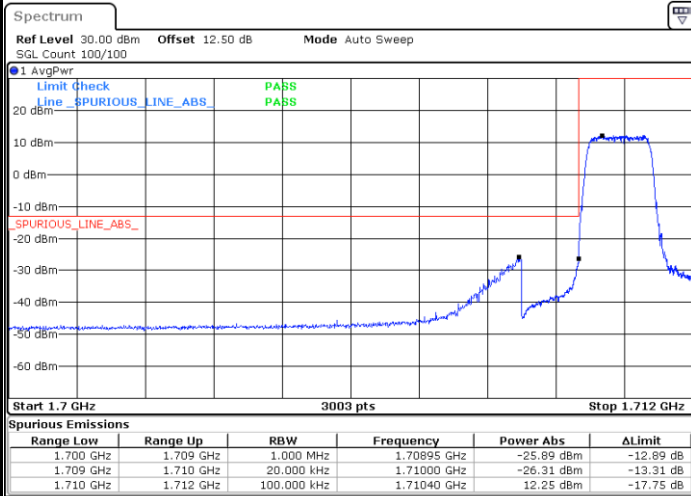
Date: 21.DEC.2023 21:16:30

Highest Band Edge / 1 RB



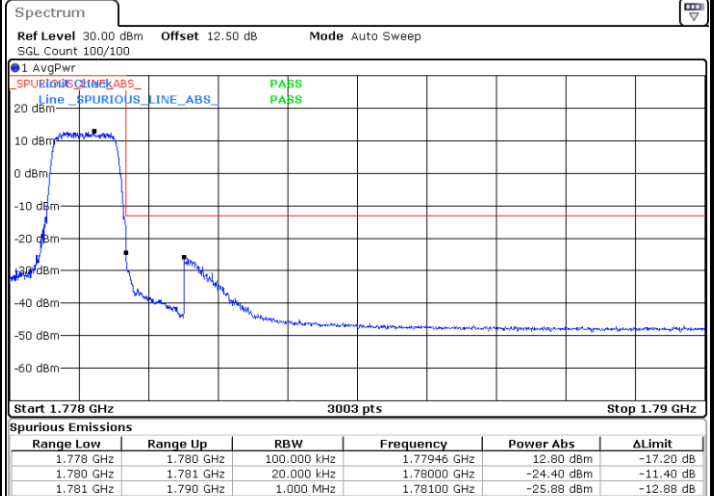
Date: 21.DEC.2023 21:19:01

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:17:22

Highest Band Edge / Full RB

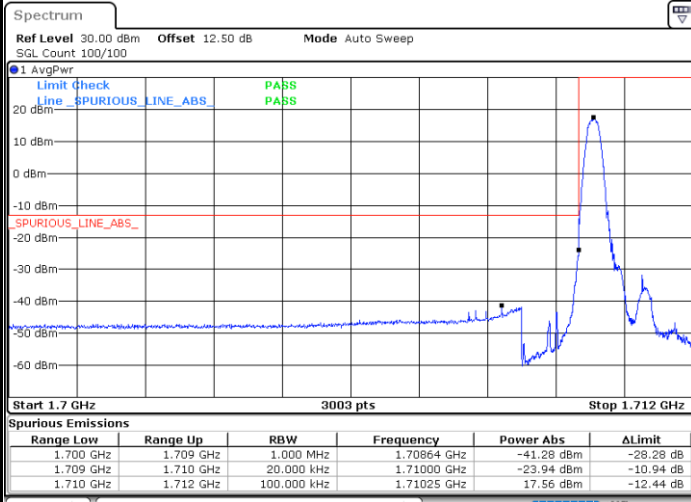


Date: 21.DEC.2023 21:19:53



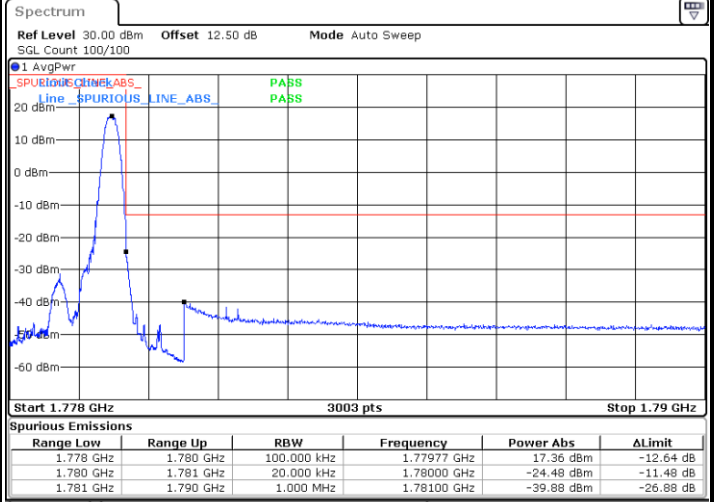
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



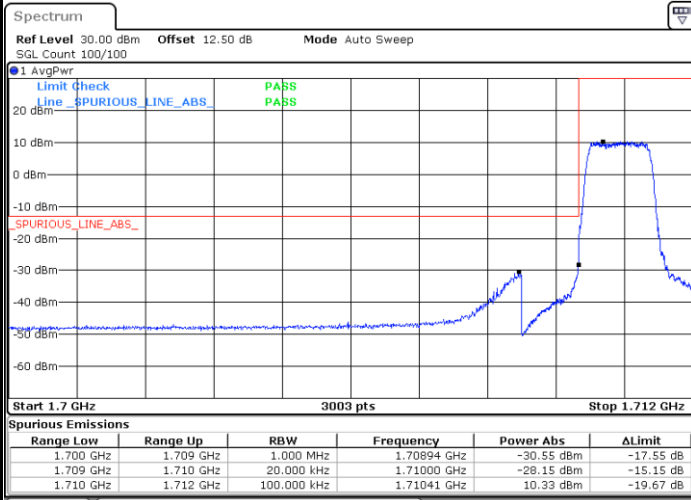
Date: 21.DEC.2023 22:00:33

Highest Band Edge / 1 RB



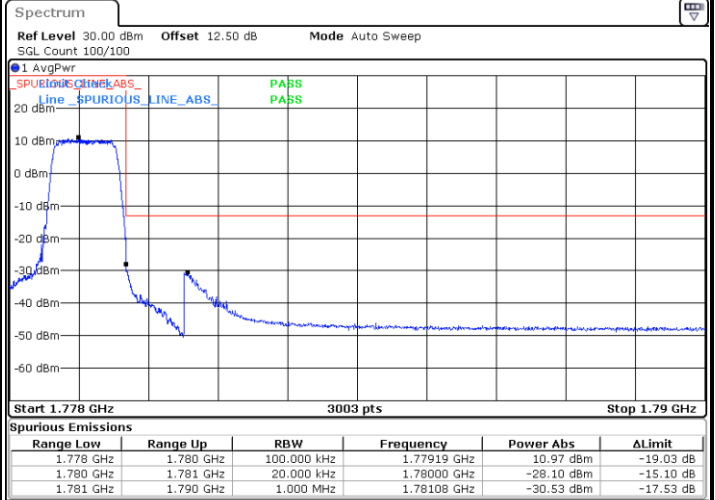
Date: 21.DEC.2023 22:03:15

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:01:28

Highest Band Edge / Full RB

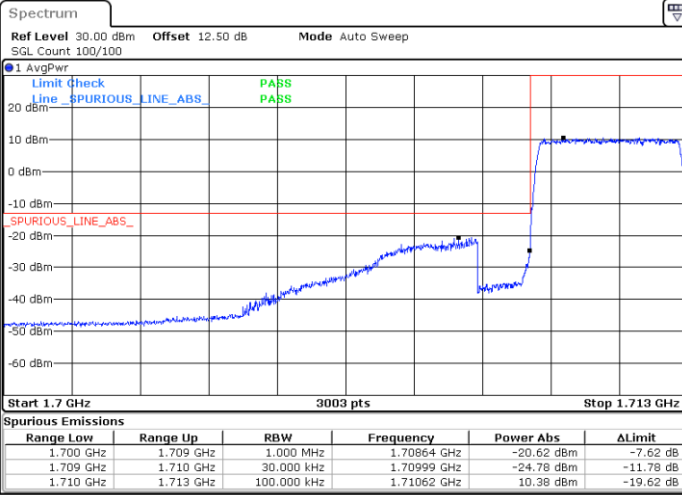


Date: 21.DEC.2023 22:04:10



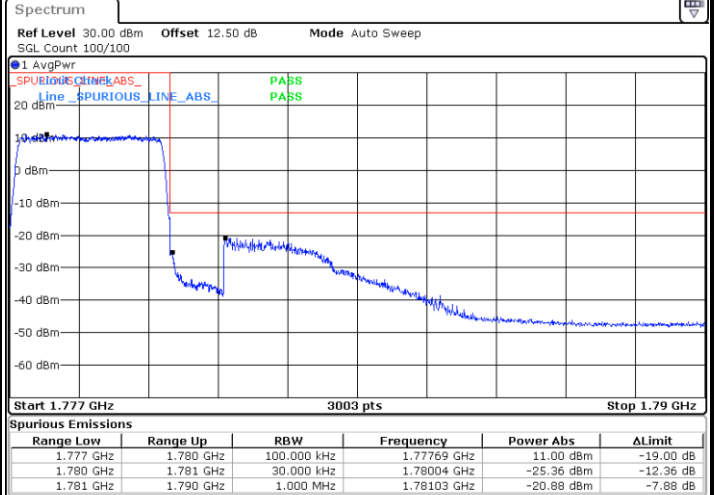
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:20:46

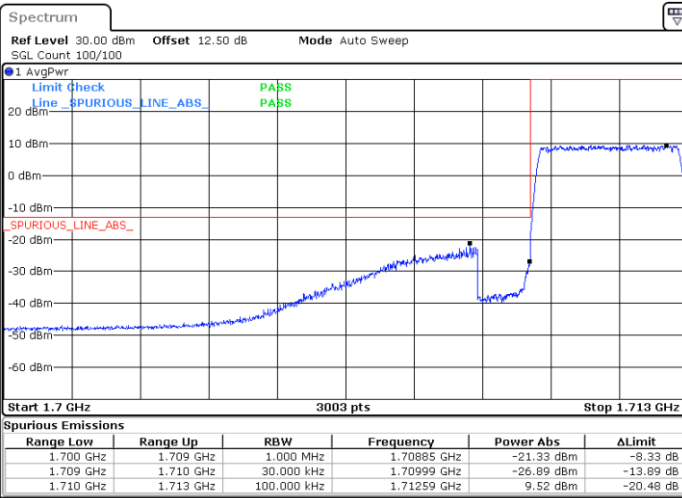
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:24:04

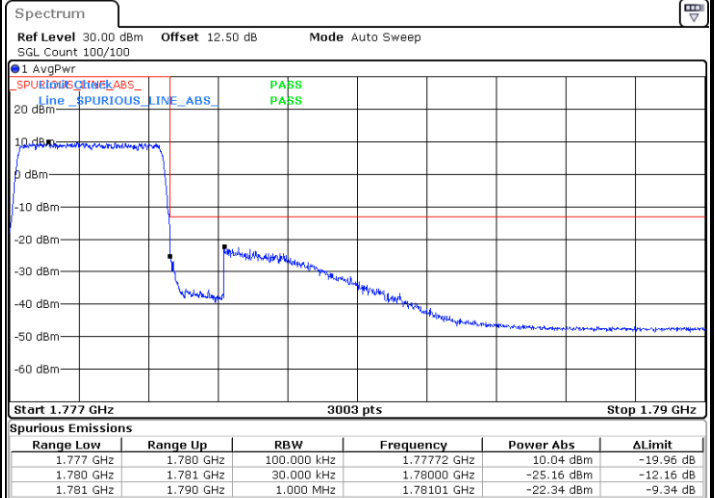
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:21:38

Highest Band Edge / Full RB

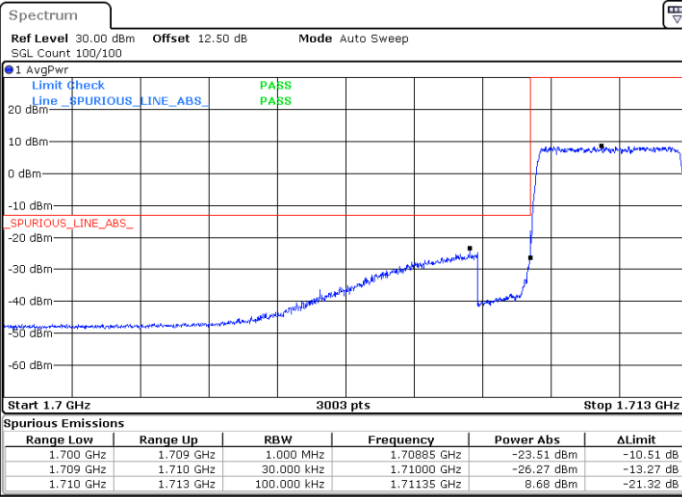


Date: 21.DEC.2023 21:24:56

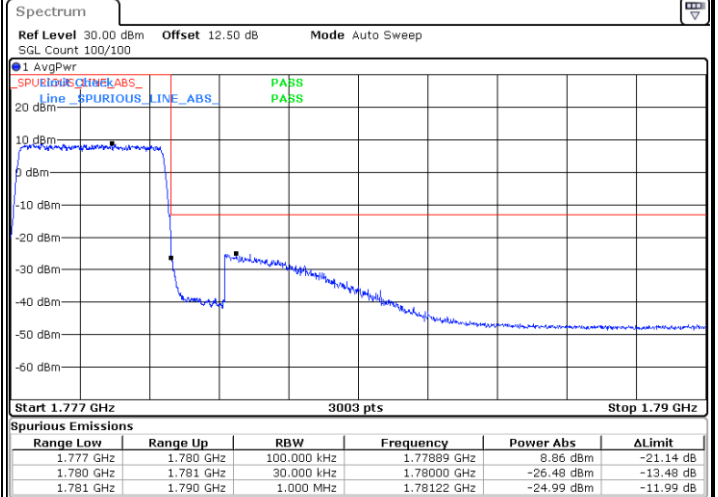


LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB

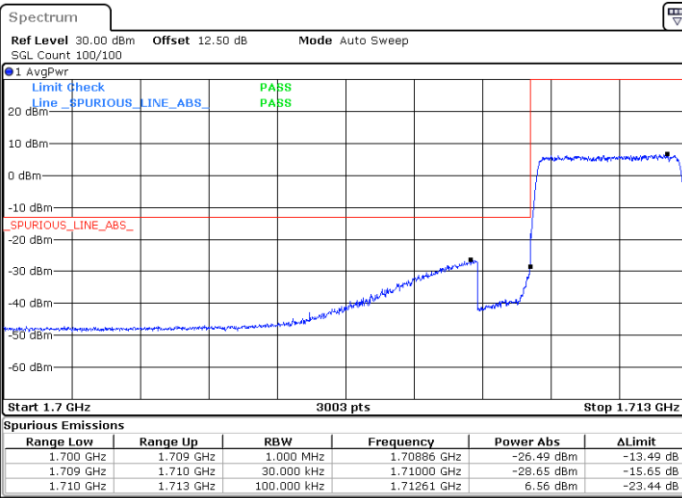


Highest Band Edge / Full RB

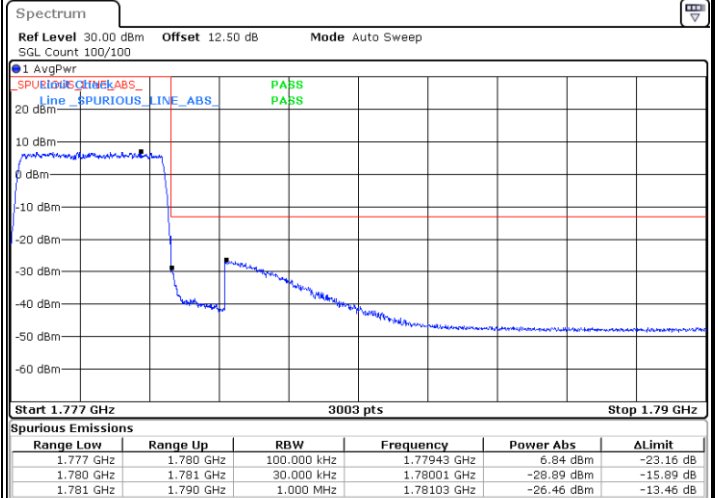


LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / Full RB



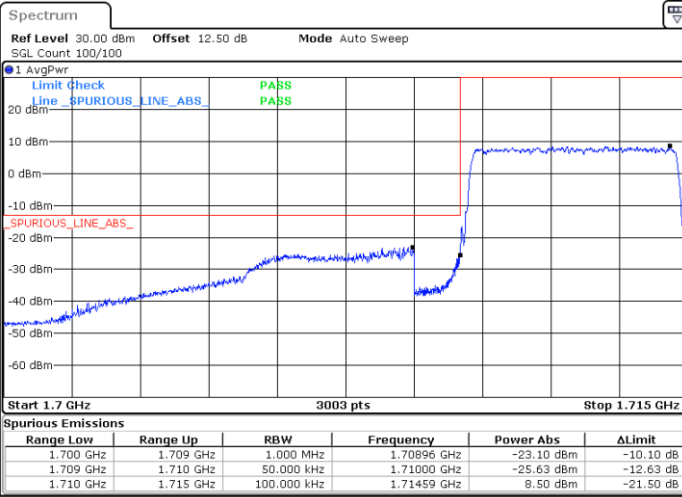
Highest Band Edge / Full RB



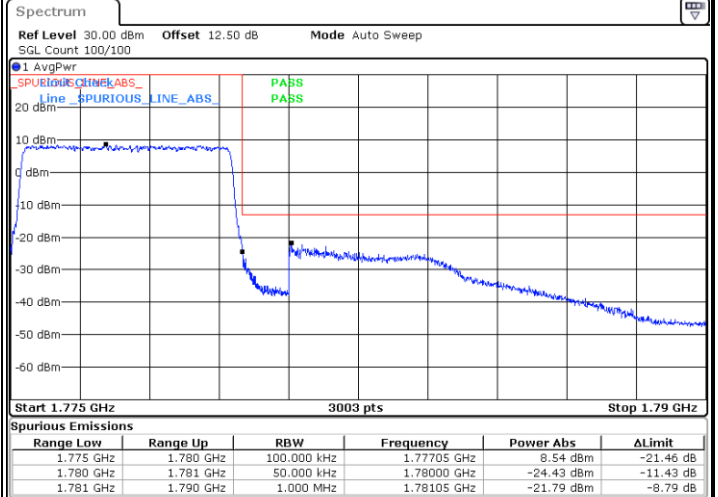


LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB

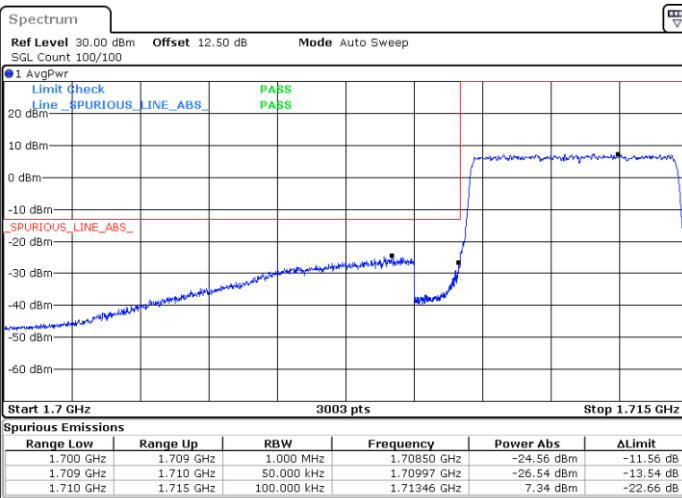


Highest Band Edge / Full RB

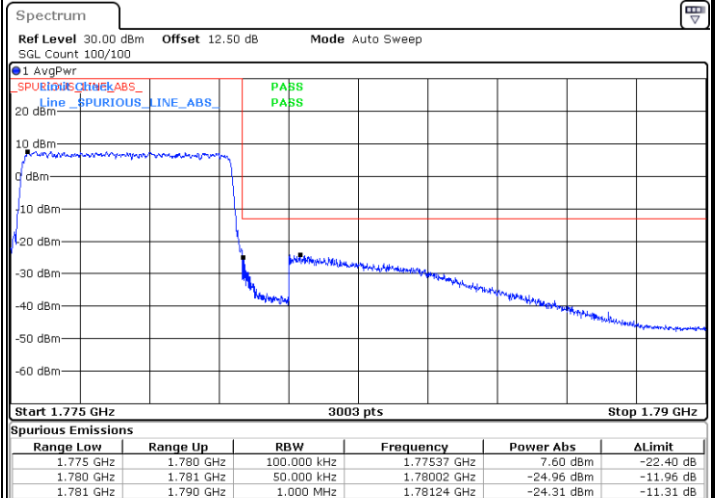


LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



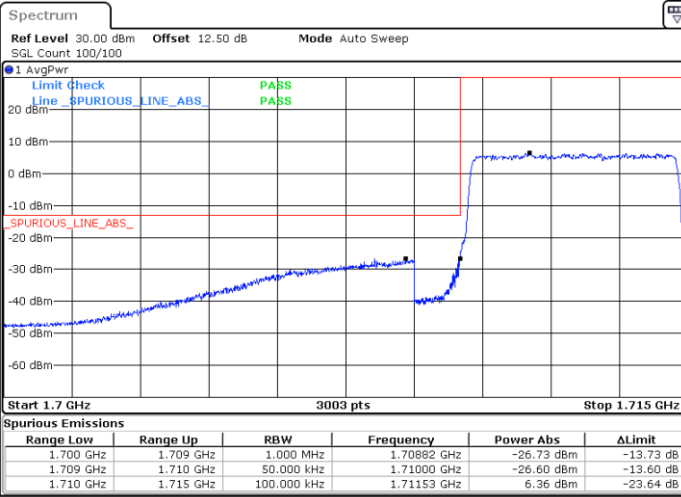
Highest Band Edge / Full RB



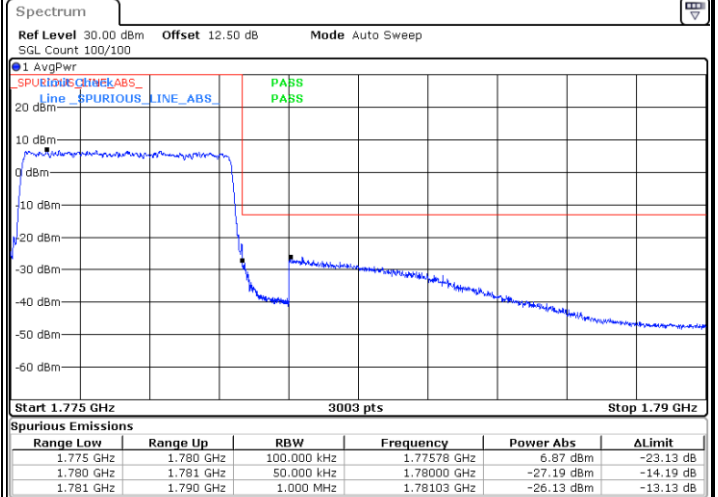


LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

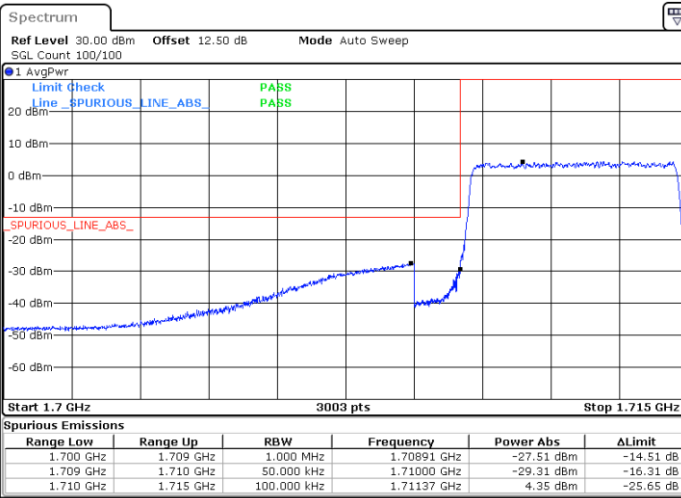


Highest Band Edge / Full RB

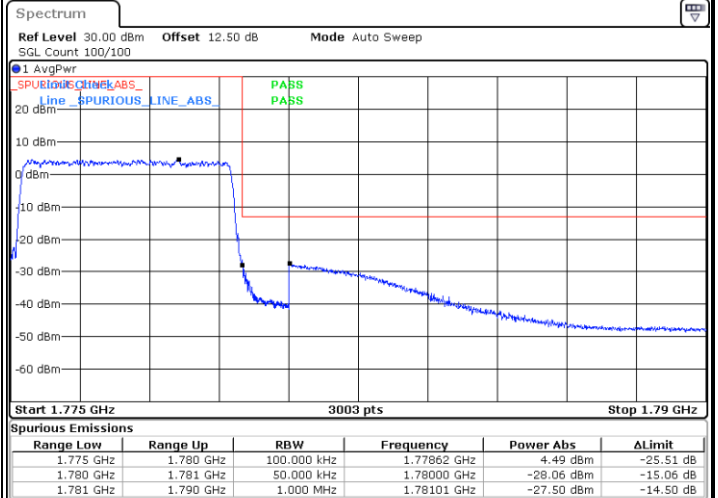


LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / Full RB



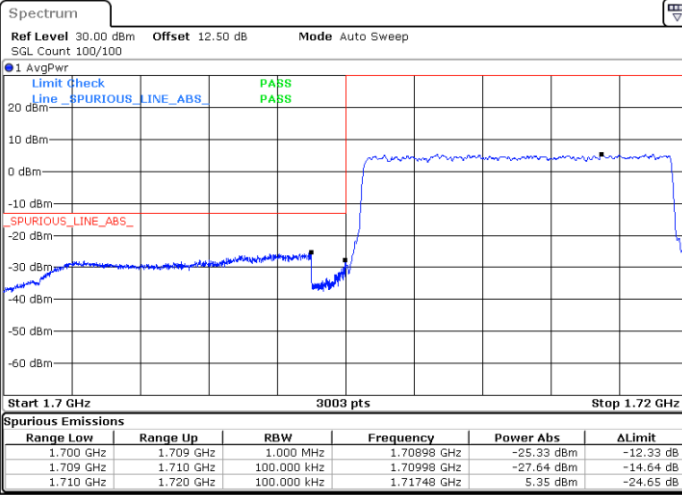
Highest Band Edge / Full RB





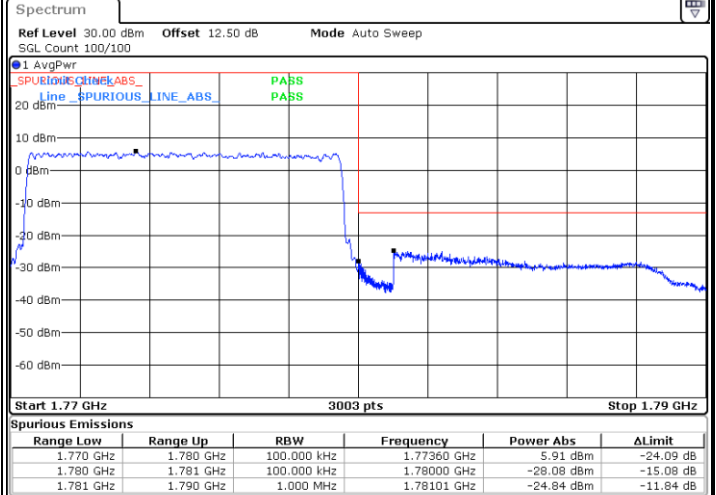
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:36:16

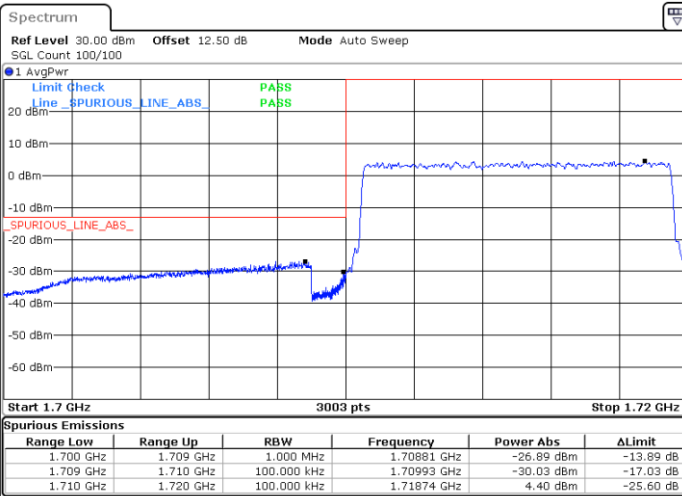
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:39:34

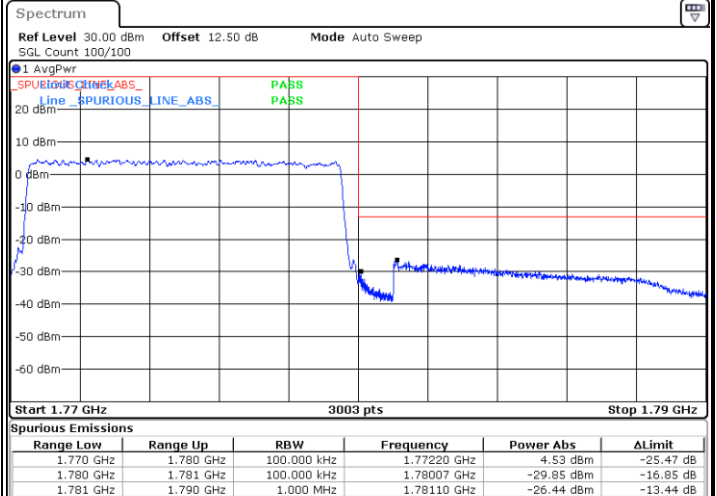
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:37:09

Highest Band Edge / Full RB

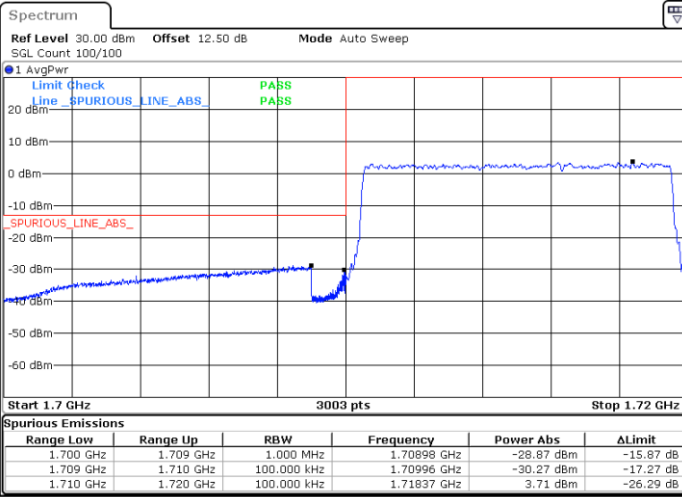


Date: 21.DEC.2023 21:40:26



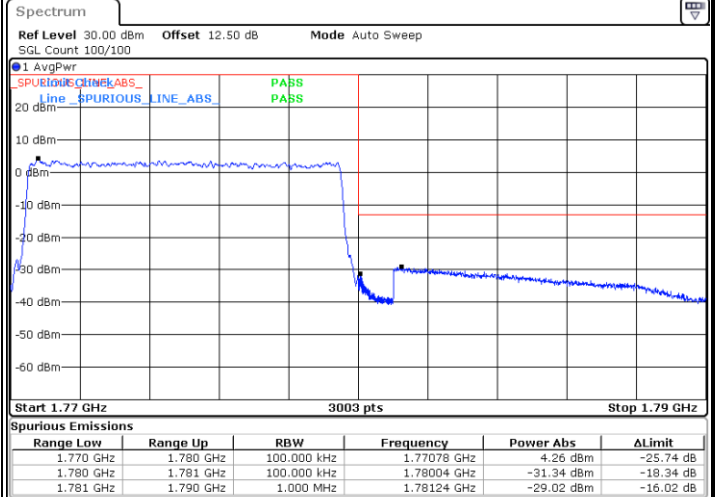
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:41:18

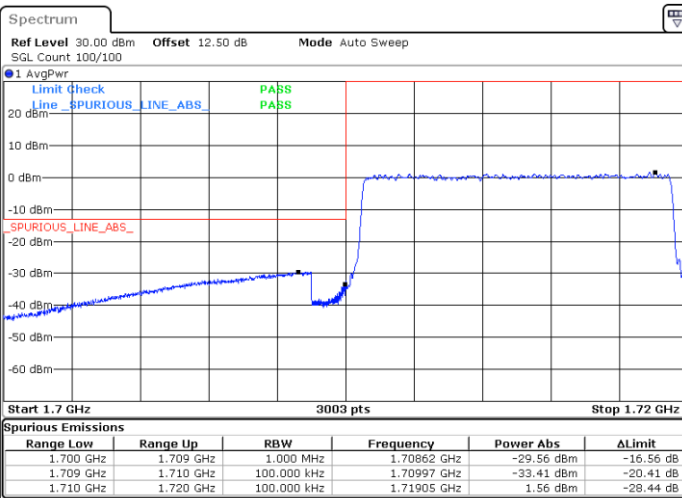
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:42:57

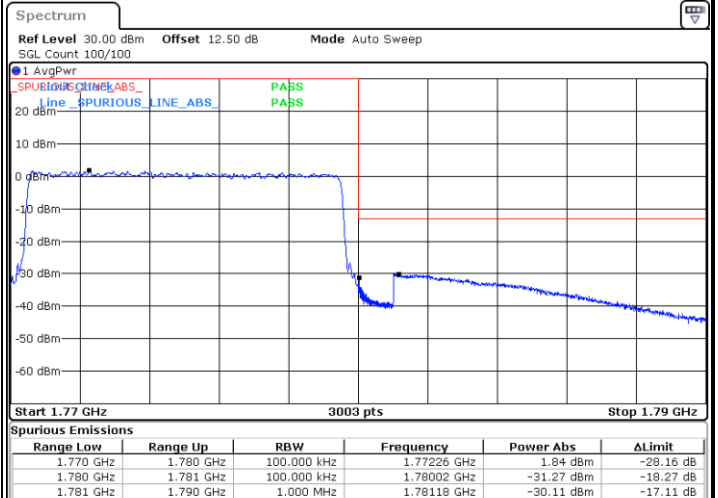
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:44:02

Highest Band Edge / Full RB

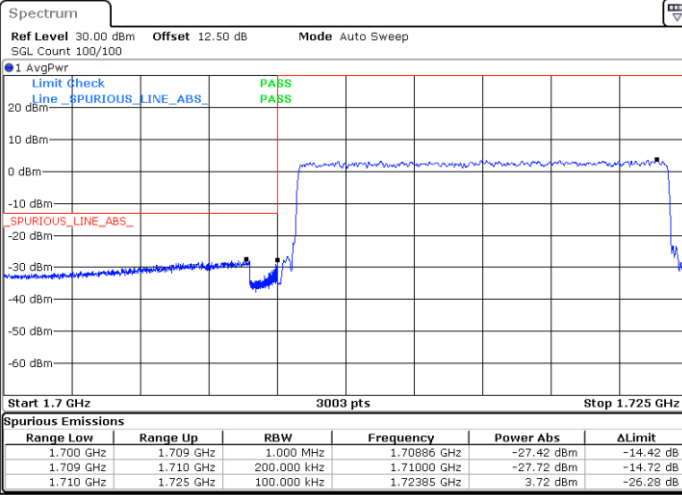


Date: 21.DEC.2023 22:45:19

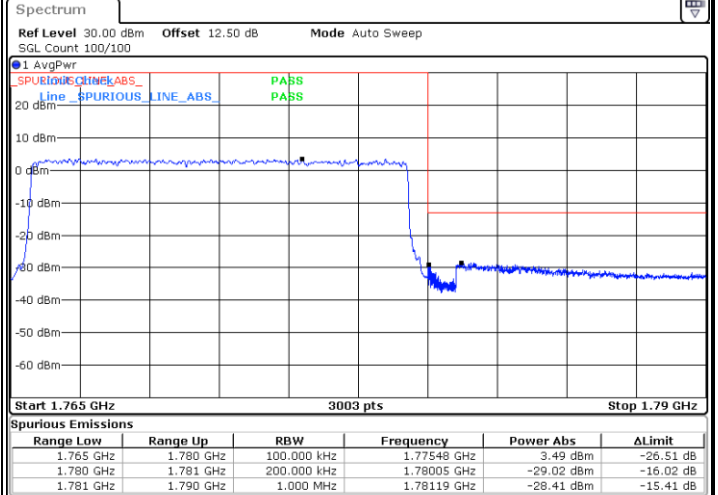


LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB

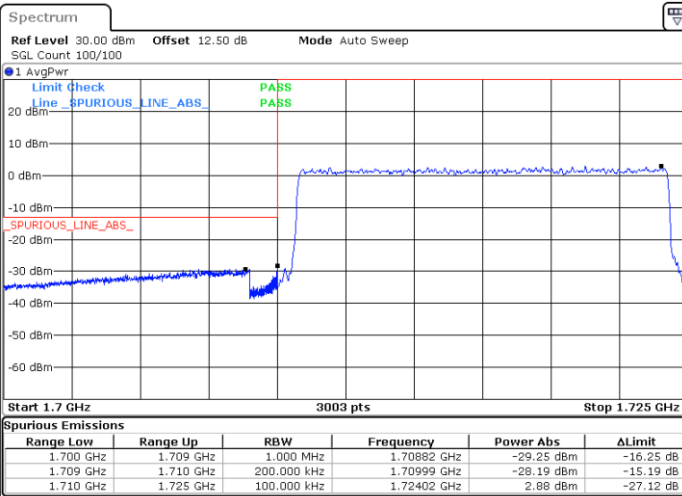


Highest Band Edge / Full RB

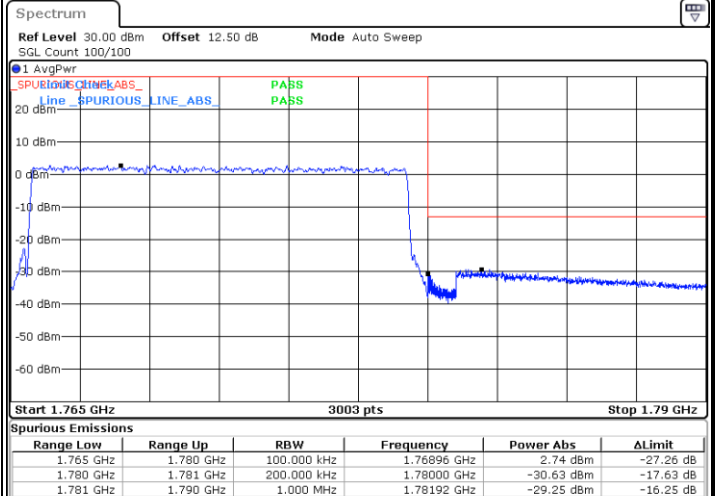


LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



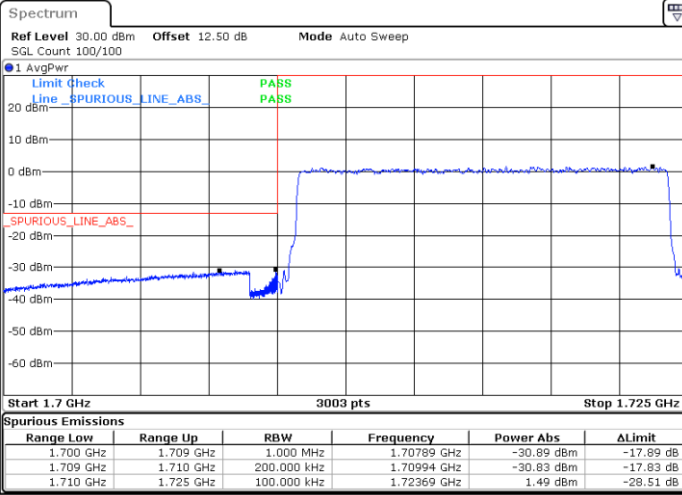
Highest Band Edge / Full RB





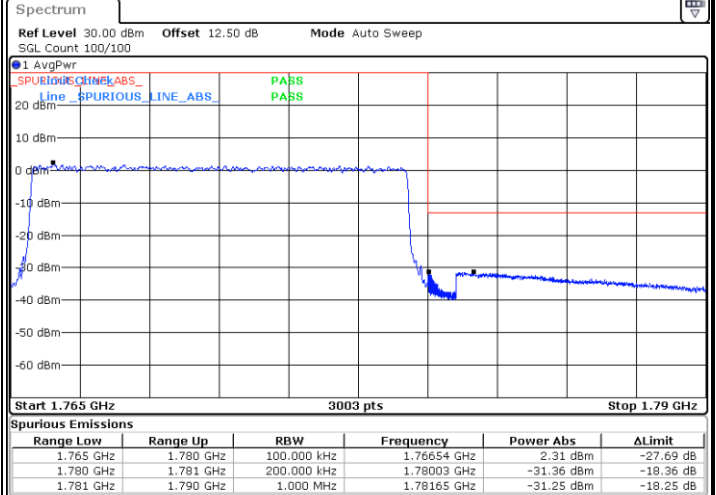
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:43:50

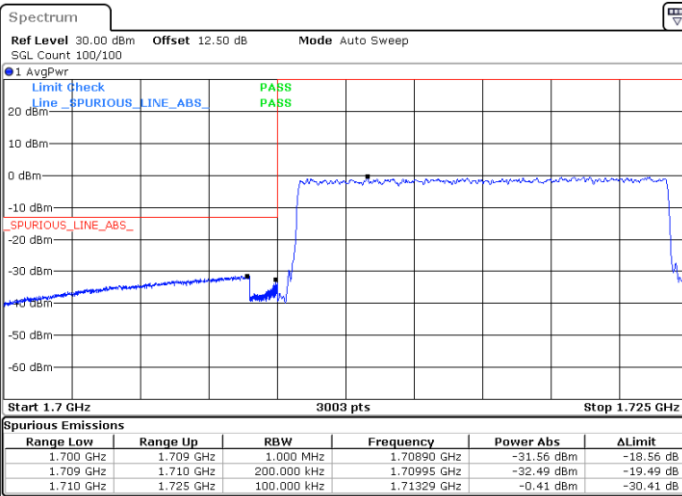
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:45:29

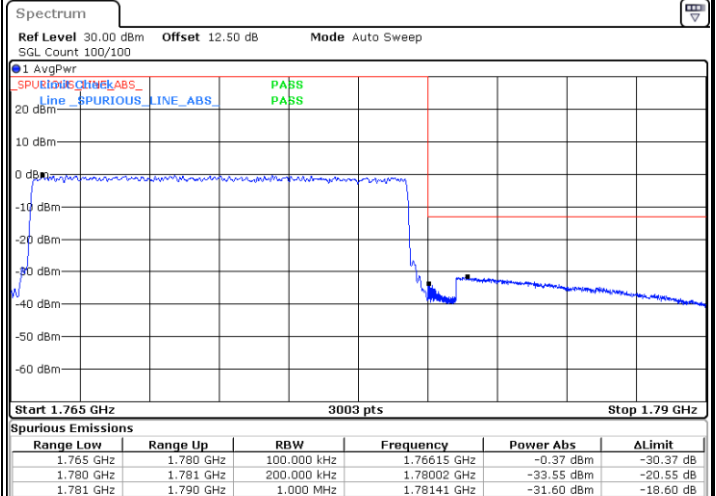
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:54:53

Highest Band Edge / Full RB

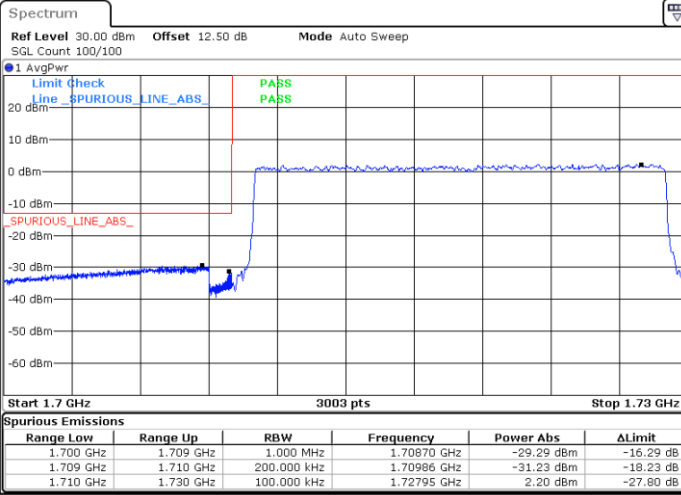


Date: 21.DEC.2023 22:56:40



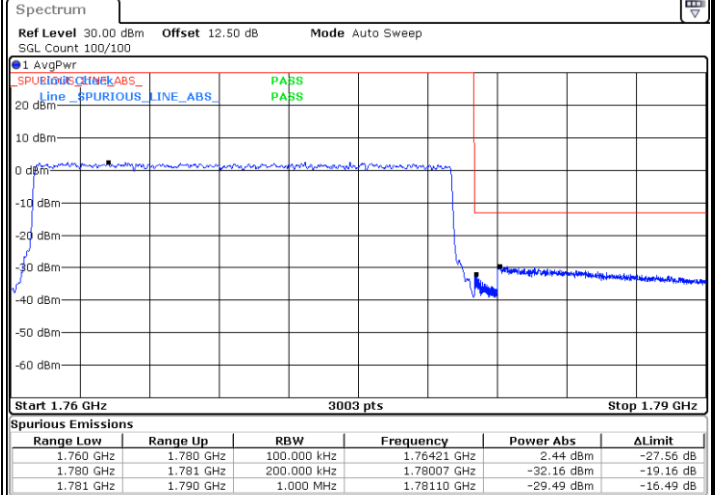
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:51:46

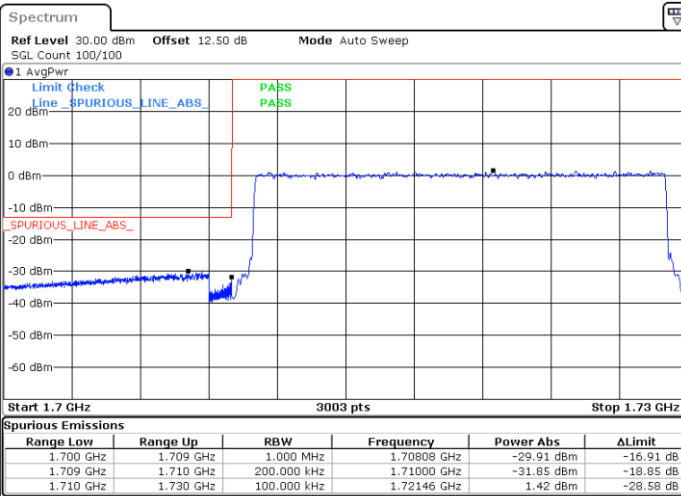
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:55:04

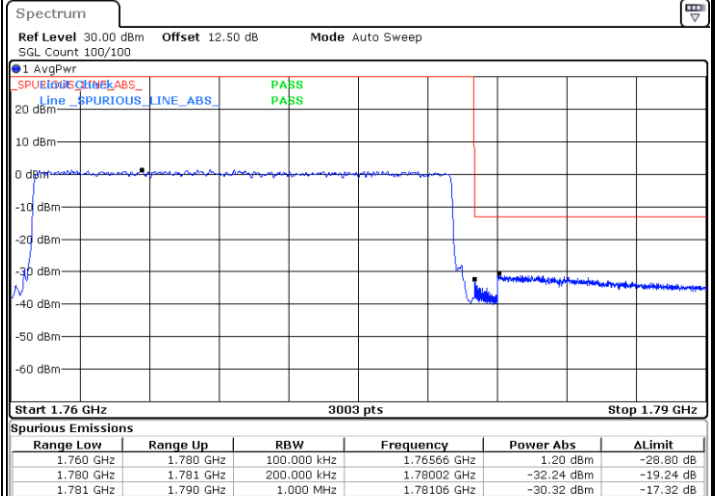
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:52:39

Highest Band Edge / Full RB

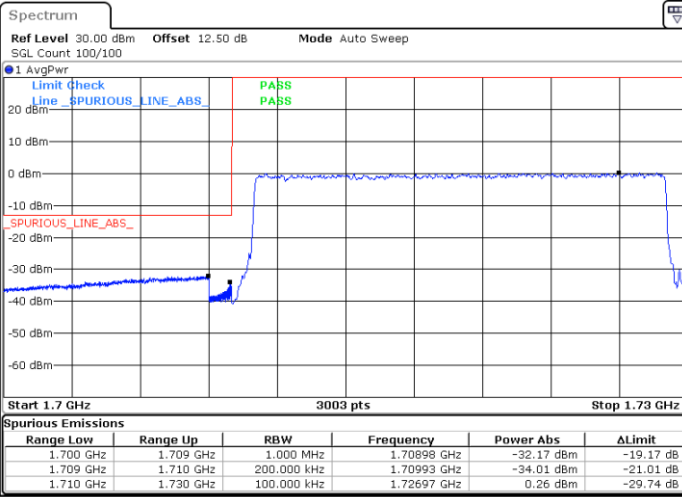


Date: 21.DEC.2023 21:55:56



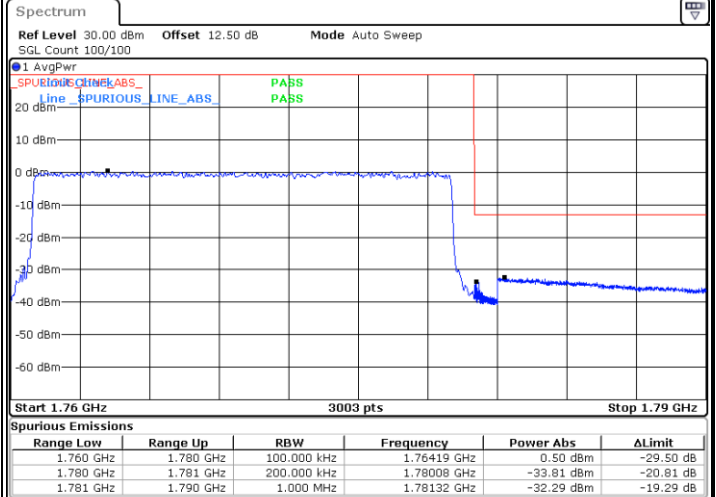
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 21:56:49

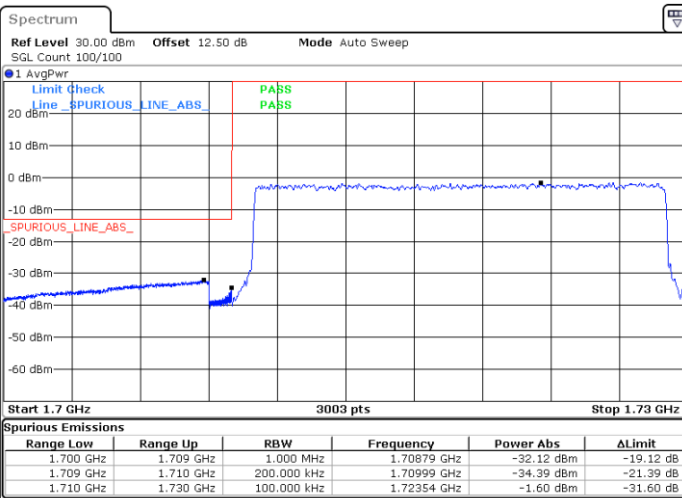
Highest Band Edge / Full RB



Date: 21.DEC.2023 21:58:27

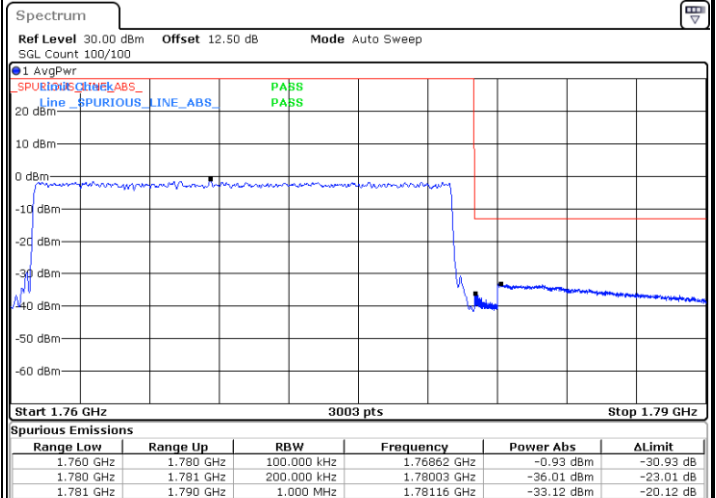
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 21.DEC.2023 23:05:34

Highest Band Edge / Full RB



Date: 21.DEC.2023 23:07:21

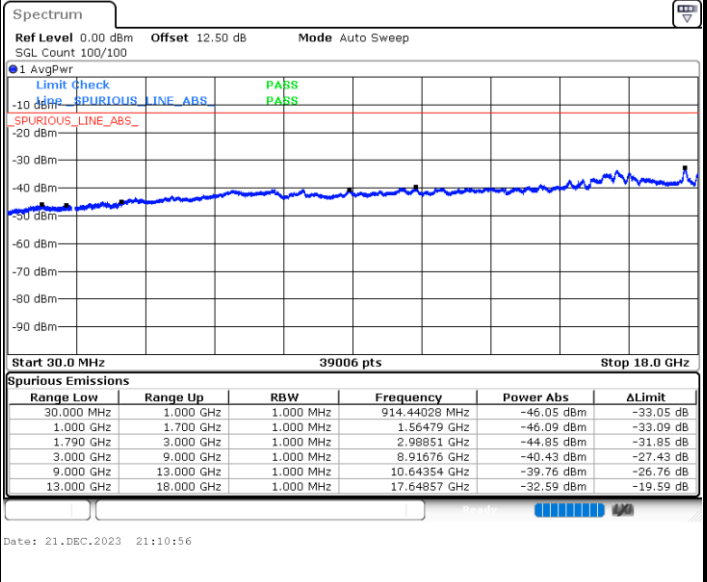
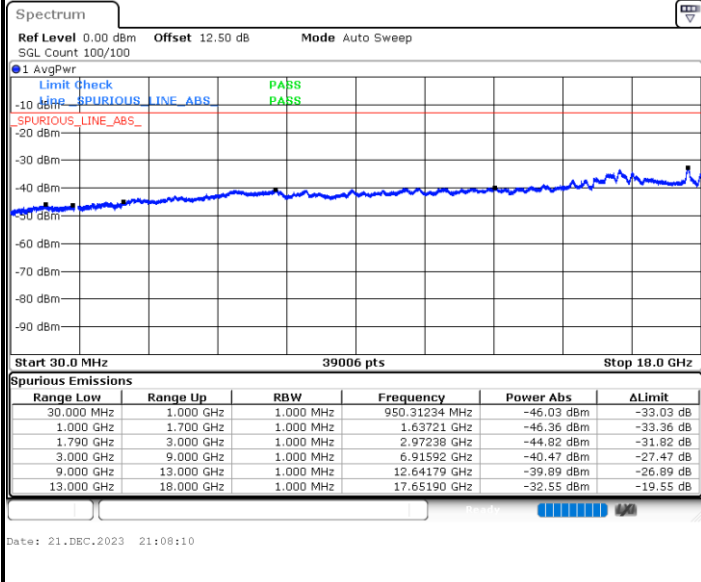


Conducted Spurious Emission

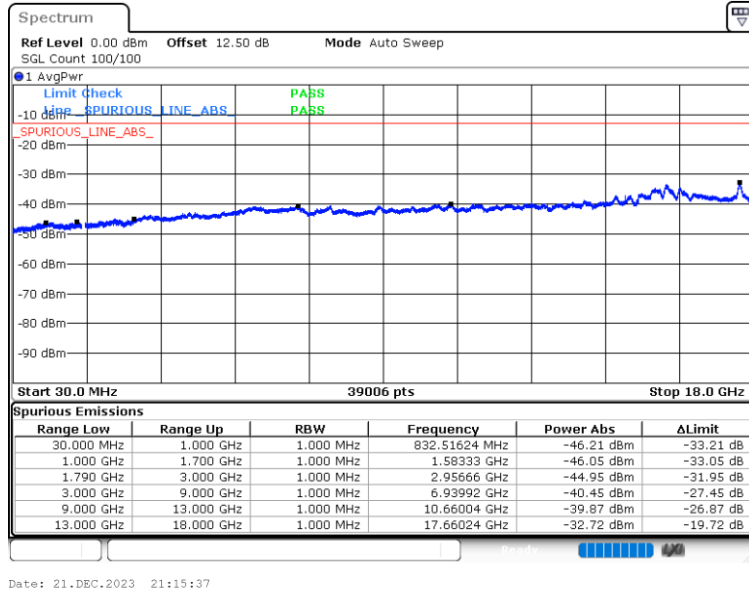
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK

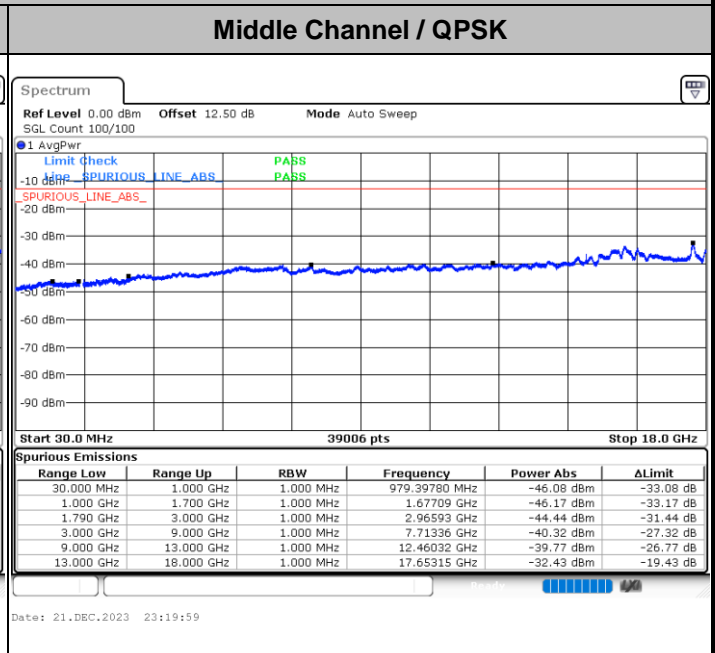
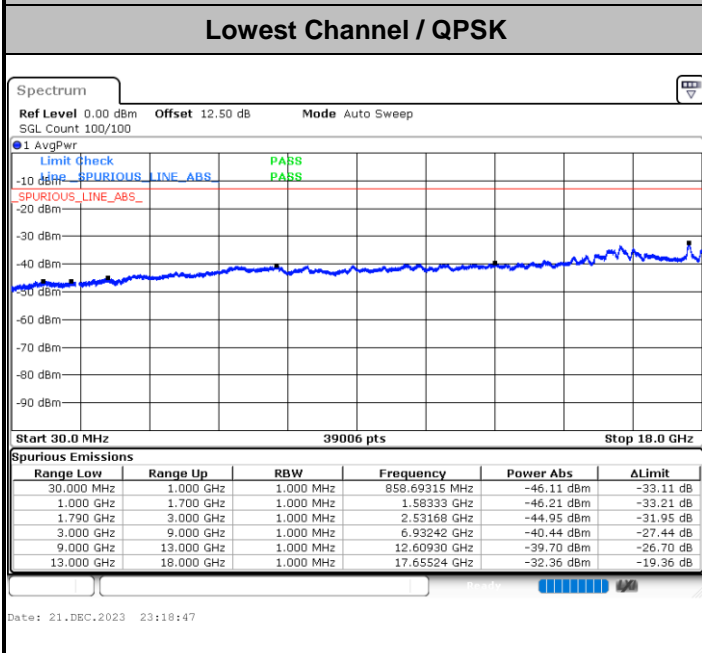


Highest Channel / QPSK

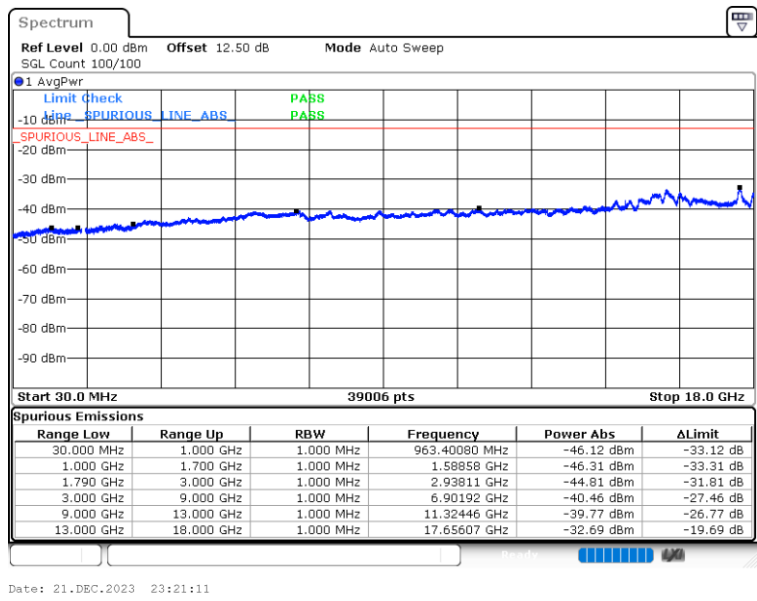




LTE Band 66 / 3MHz

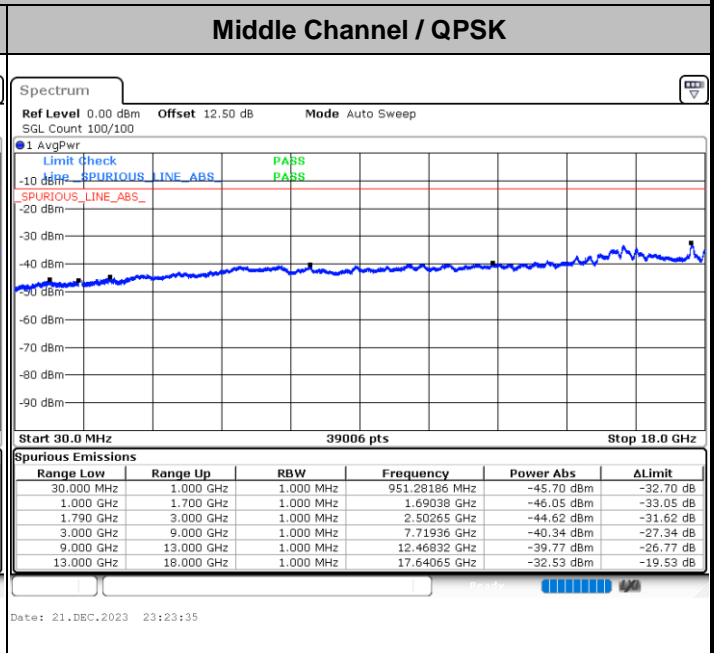
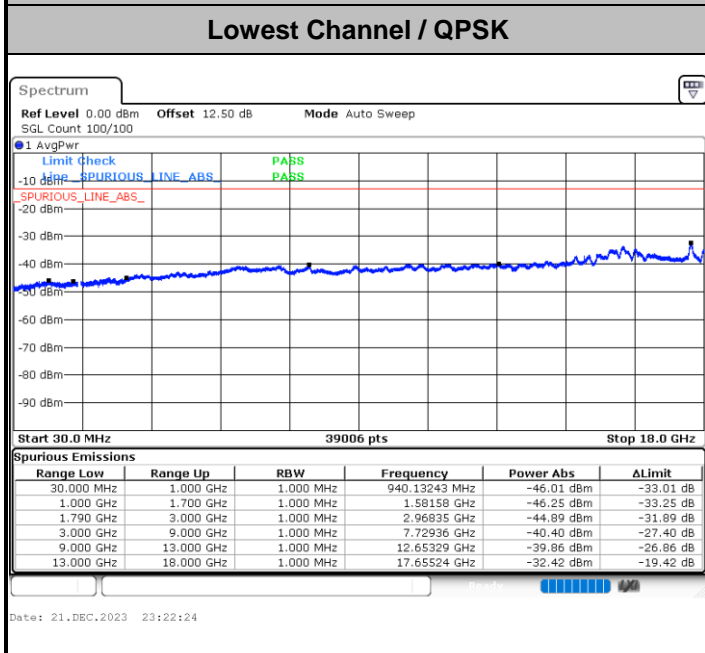


Highest Channel / QPSK

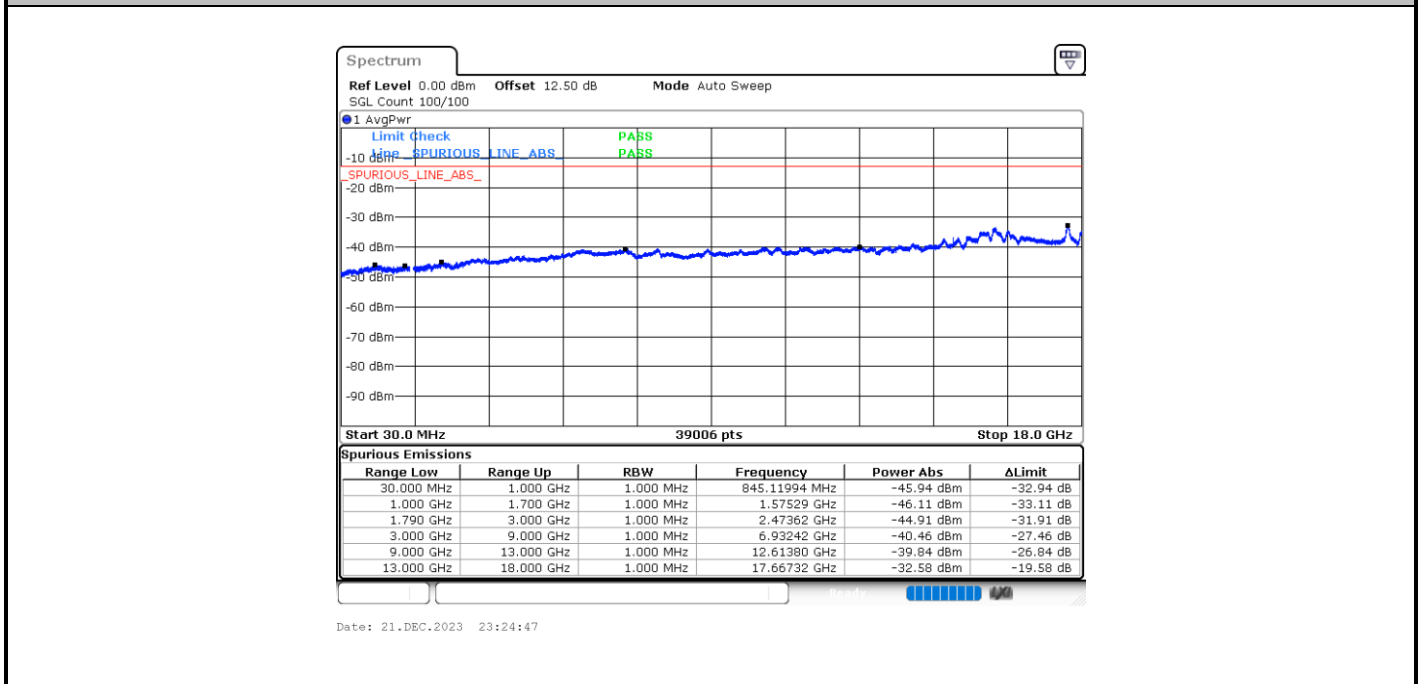




LTE Band 66 / 5MHz

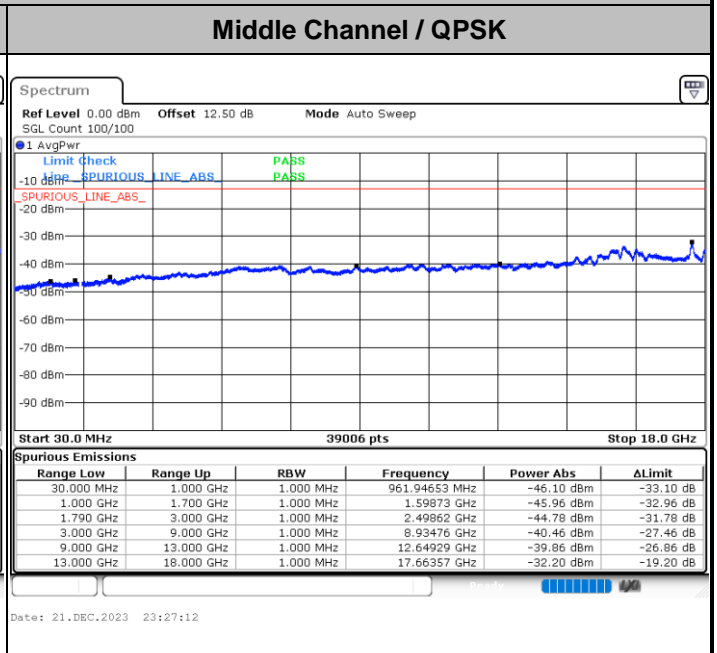
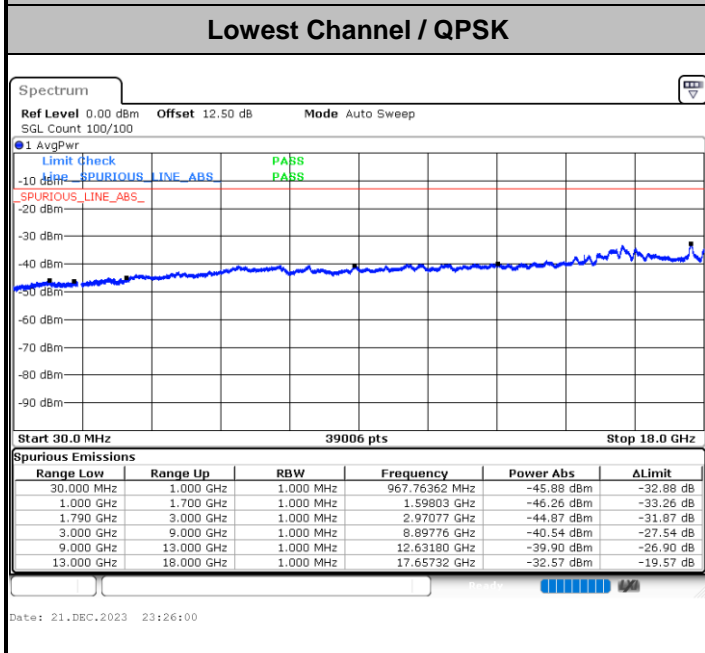


Highest Channel / QPSK

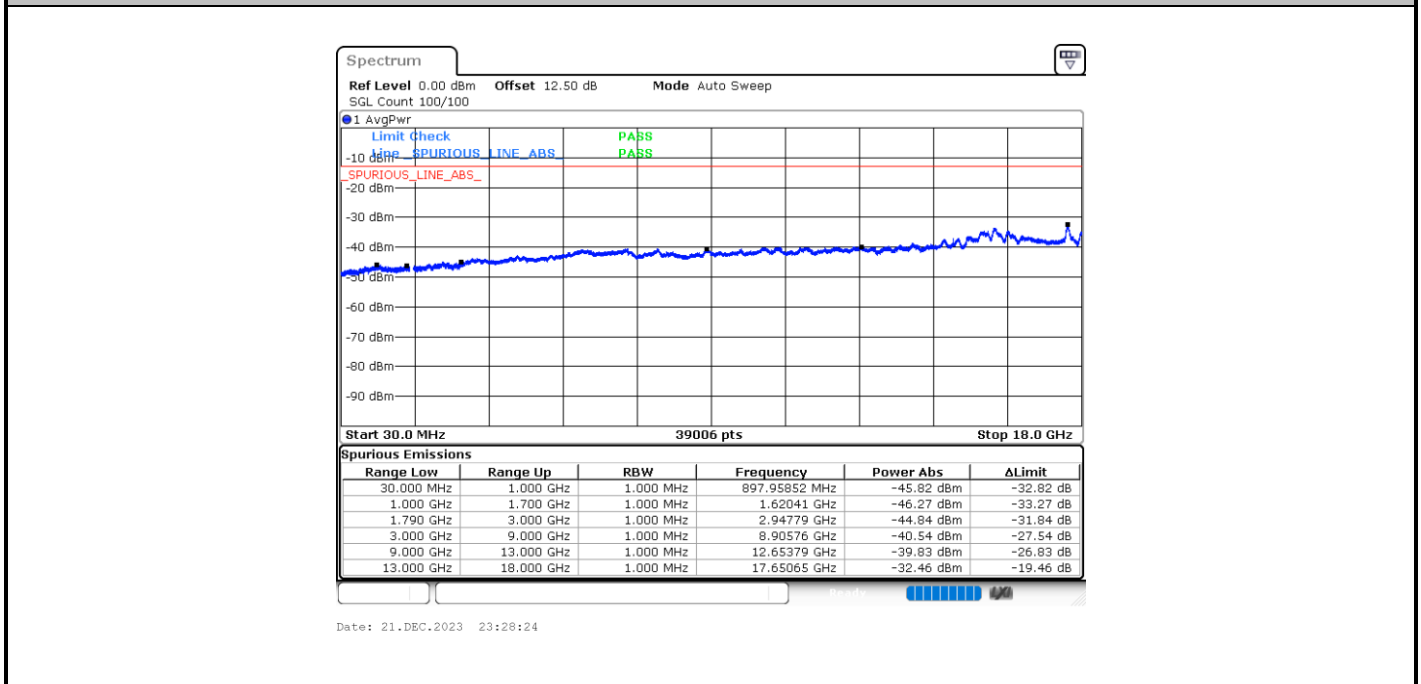




LTE Band 66 / 10MHz



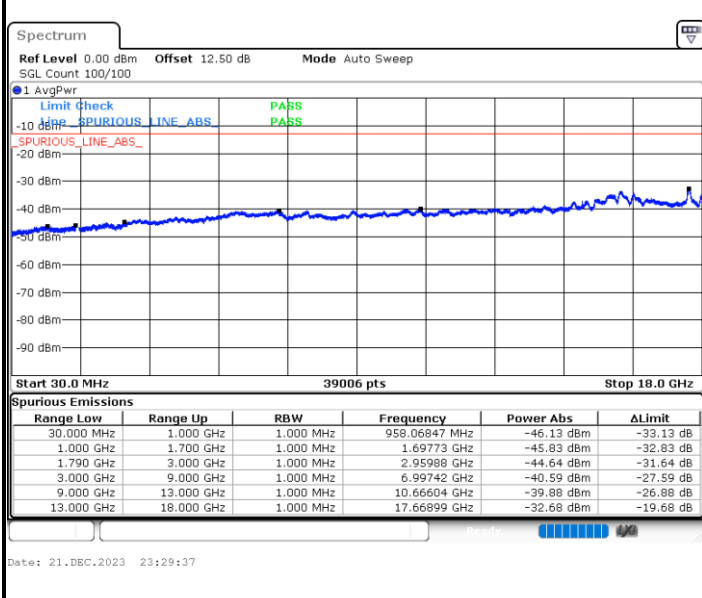
Highest Channel / QPSK



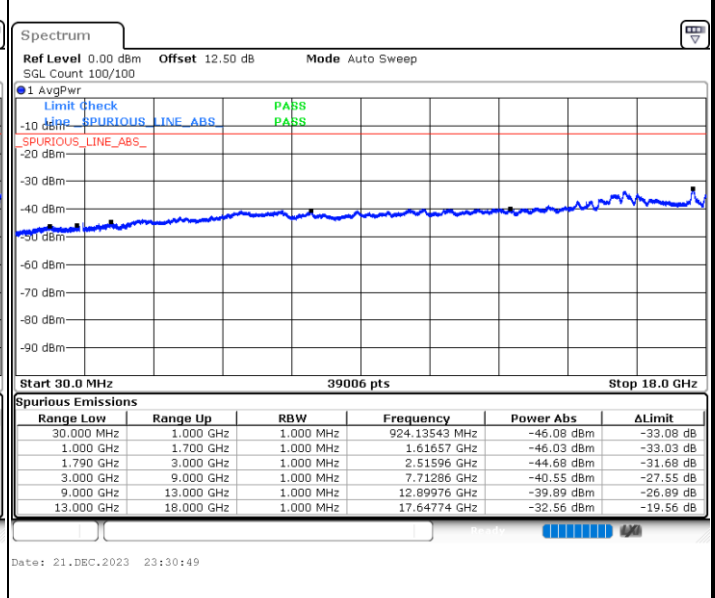


LTE Band 66 / 15MHz

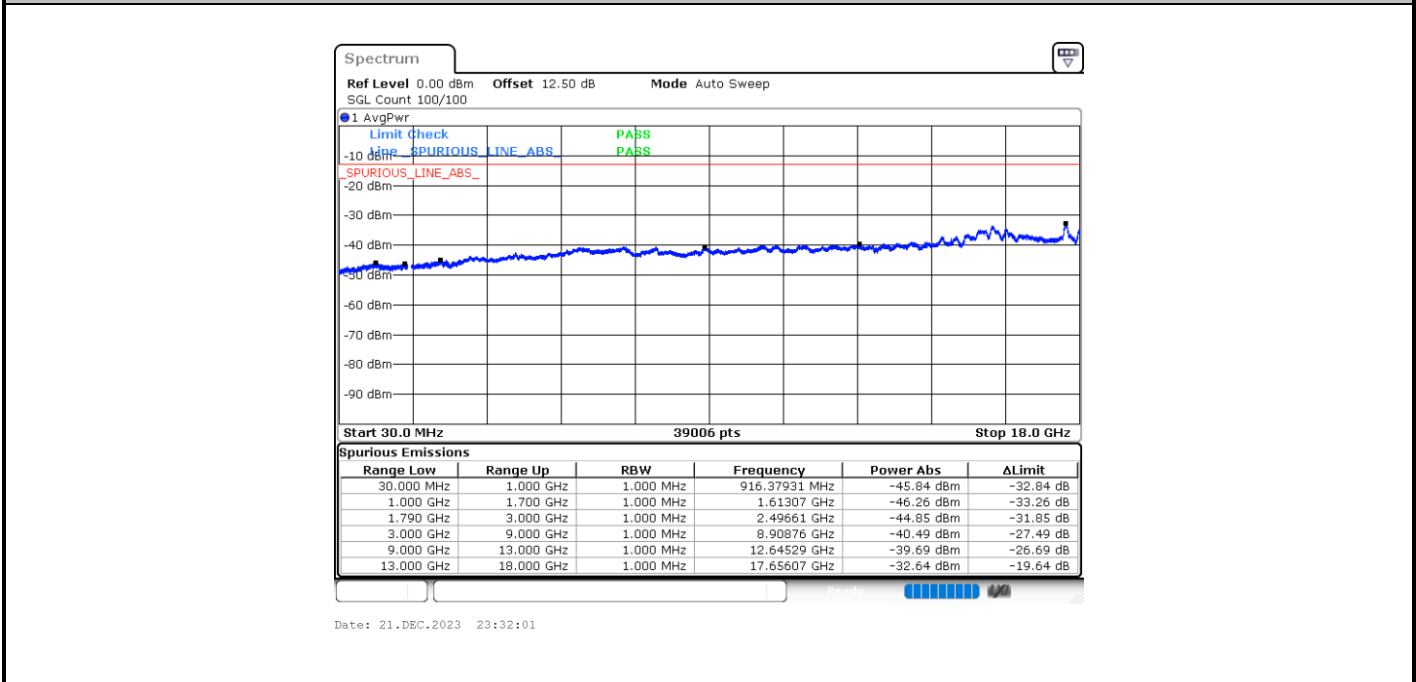
Lowest Channel / QPSK



Middle Channel / QPSK

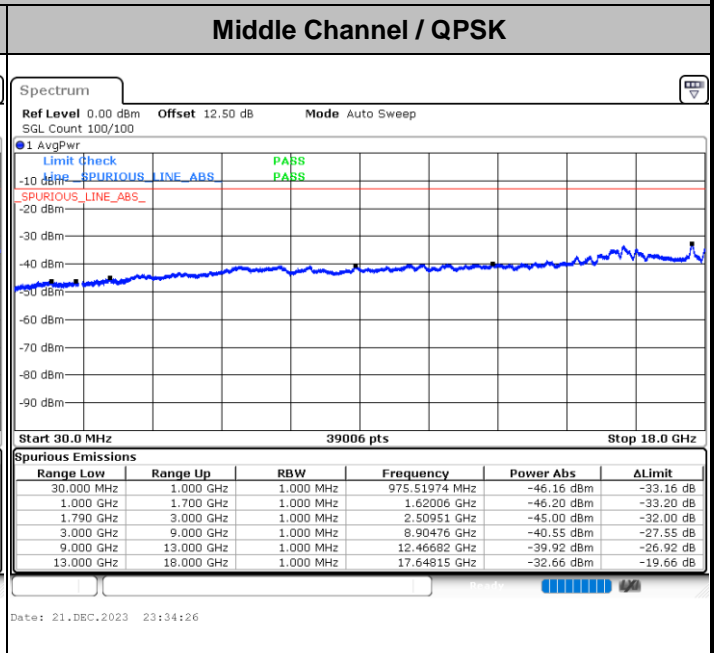
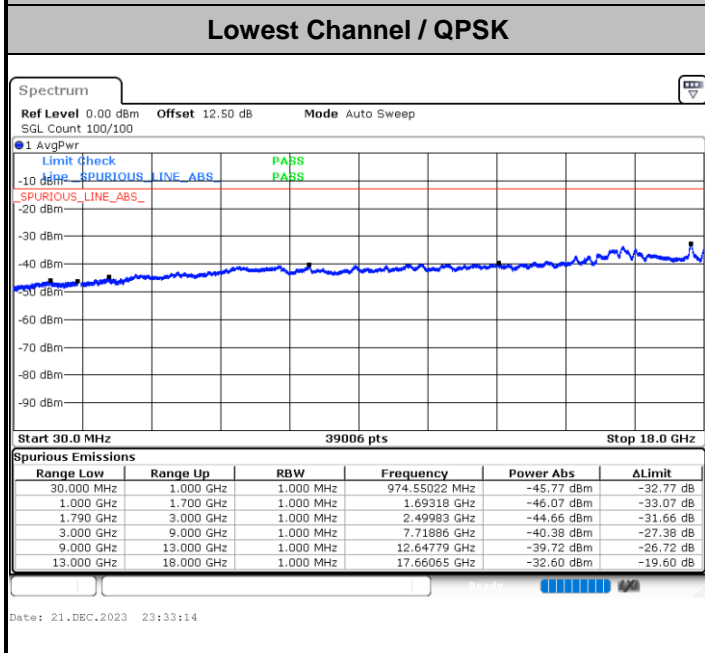


Highest Channel / QPSK

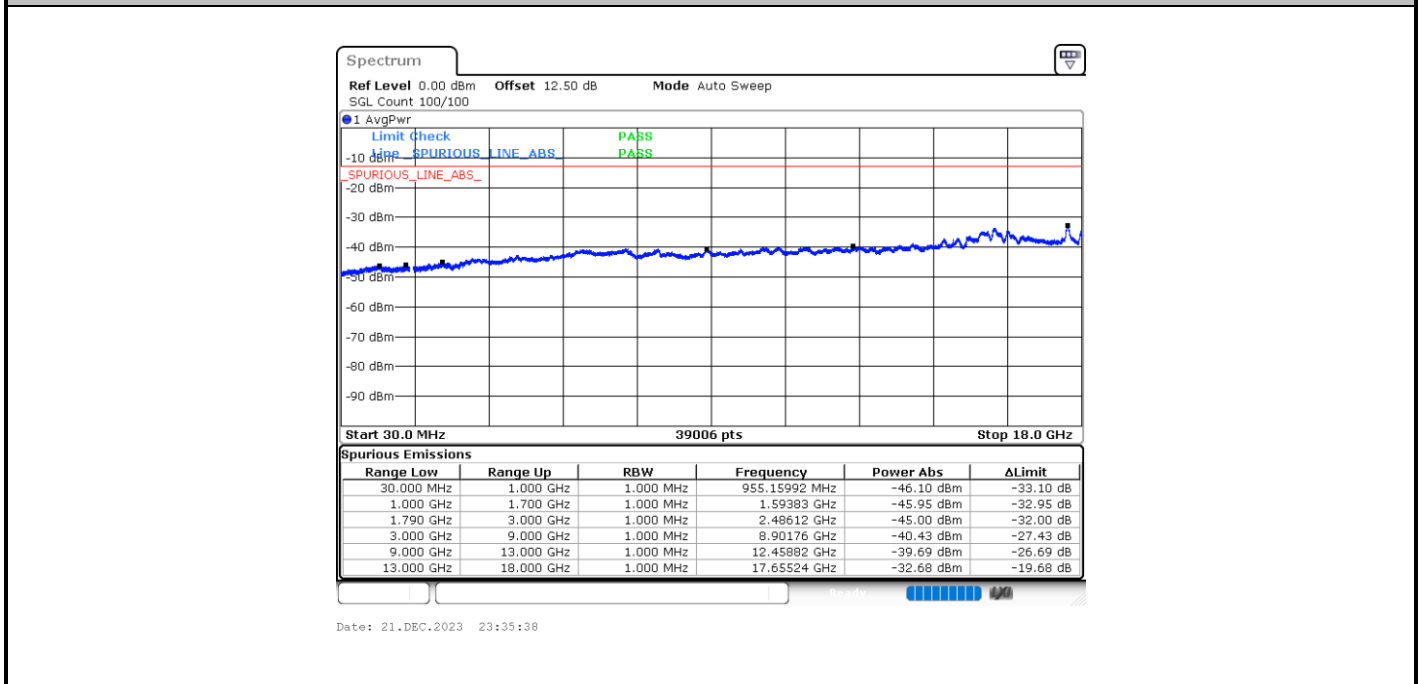




LTE Band 66 / 20MHz



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0098	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

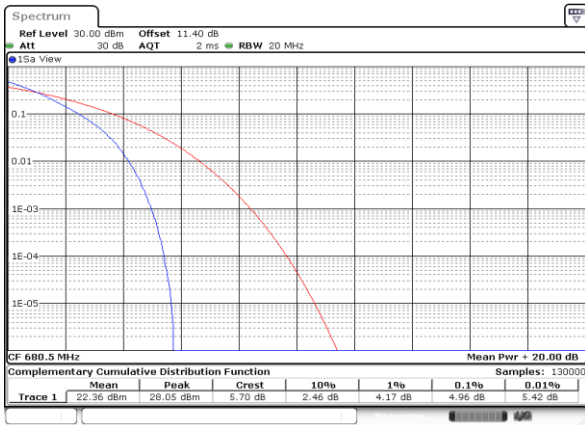


LTE Band 71

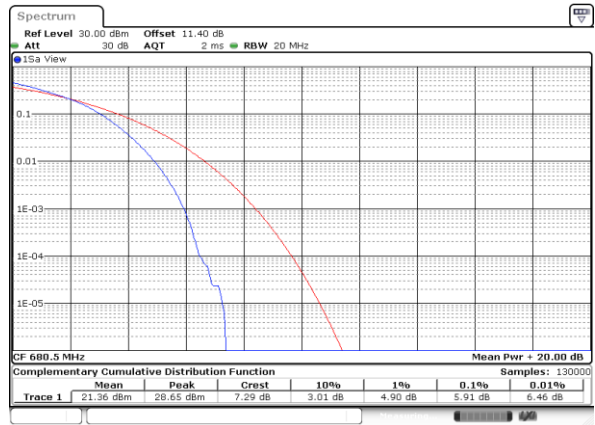
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.91	6.38	6.58	PASS

LTE Band 71 / 20MHz / QPSK	LTE Band 71 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB

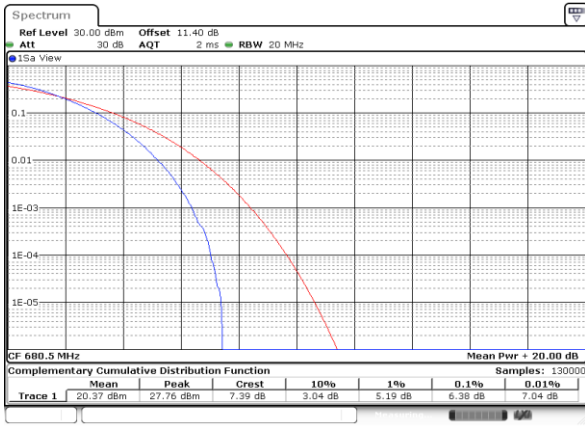


Date: 22.DEC.2023 00:17:29

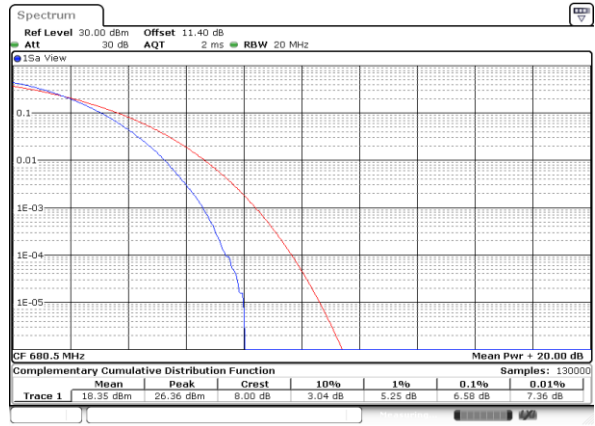


Date: 22.DEC.2023 00:17:05

LTE Band 71 / 20MHz / 64QAM	LTE Band 71 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB



Date: 22.DEC.2023 00:17:53

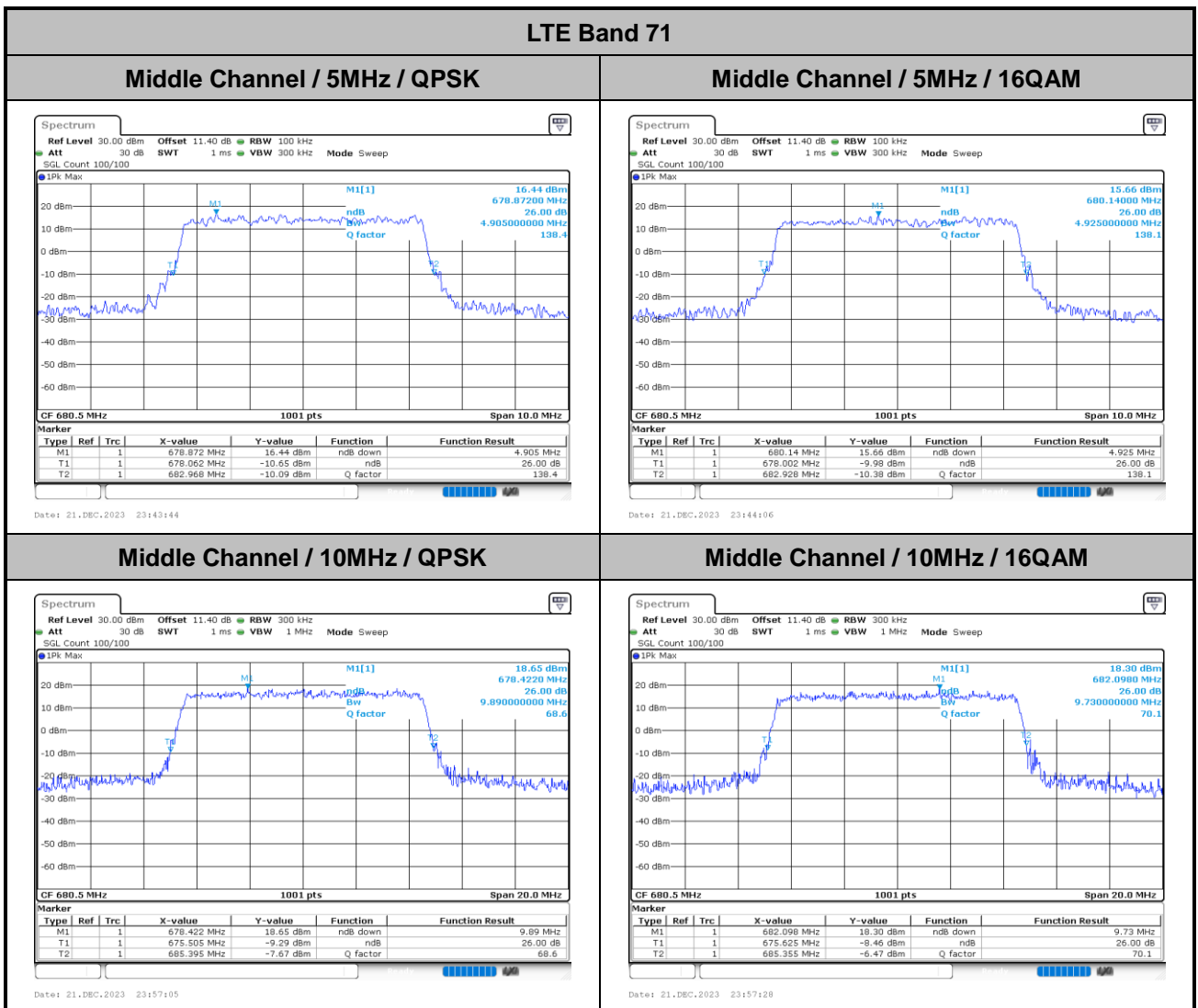


Date: 22.DEC.2023 01:13:10



26dB Bandwidth

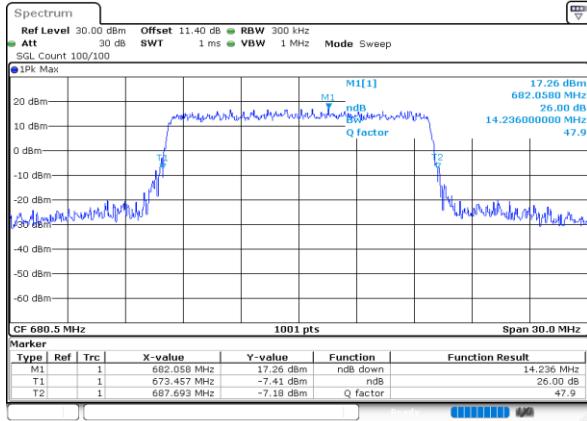
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.90	4.92	9.89	9.73	14.23	14.53	18.98	19.06
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.97	4.89	9.86	9.76	14.35	14.32	19.02	19.14





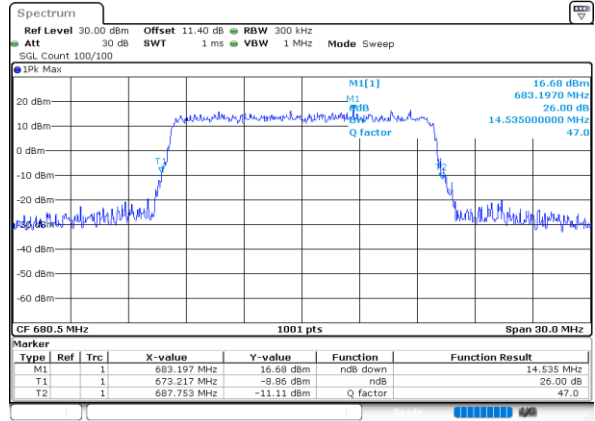
LTE Band 71

Middle Channel / 15MHz / QPSK



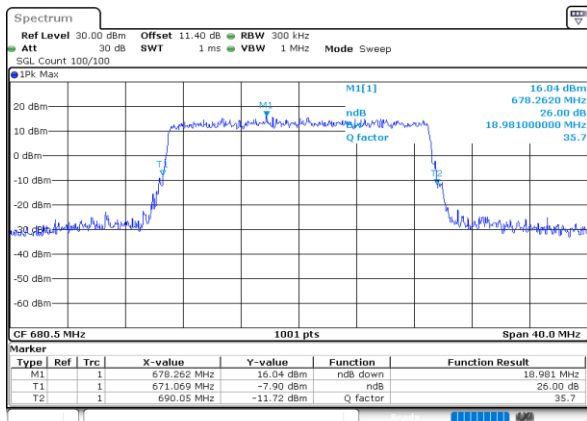
Date: 22.DEC.2023 00:04:05

Middle Channel / 15MHz / 16QAM



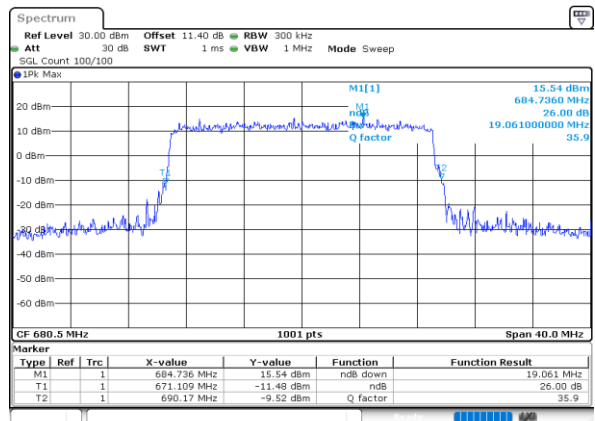
Date: 22.DEC.2023 00:04:58

Middle Channel / 20MHz / QPSK



Date: 22.DEC.2023 00:12:05

Middle Channel / 20MHz / 16QAM

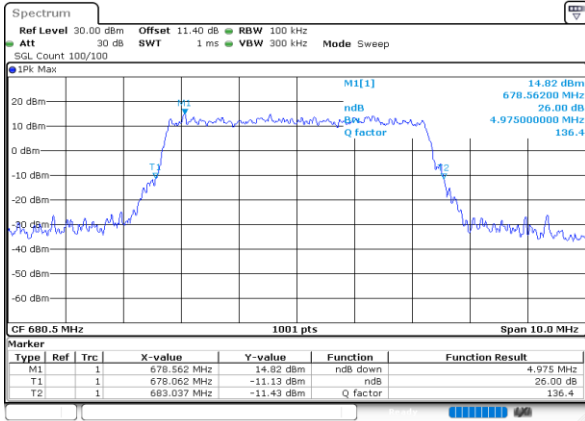


Date: 22.DEC.2023 00:12:28



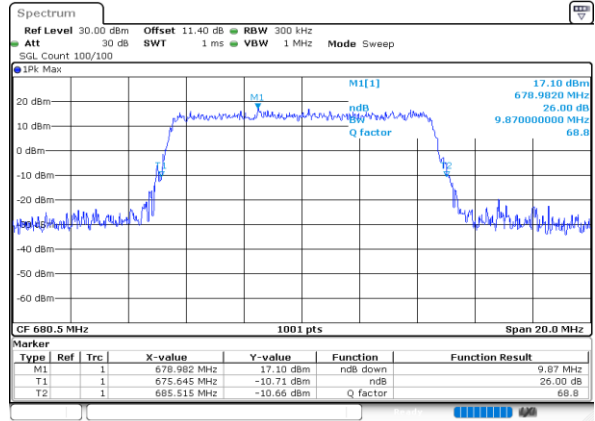
LTE Band 71

Middle Channel / 5MHz / 64QAM



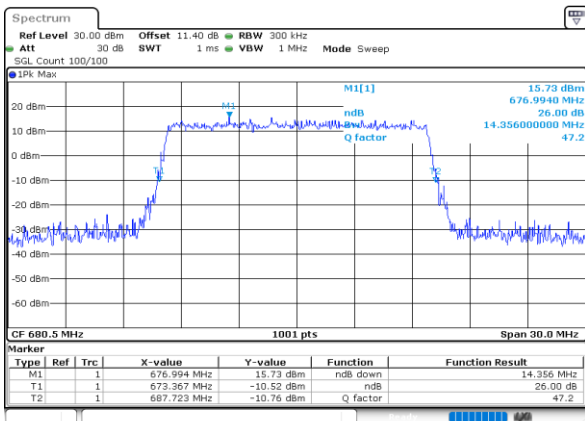
Date: 21.DEC.2023 23:52:28

Middle Channel / 10MHz / 64QAM



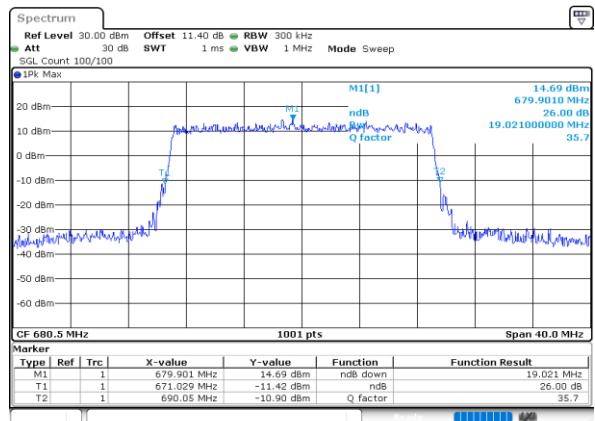
Date: 22.DEC.2023 00:10:50

Middle Channel / 15MHz / 64QAM



Date: 22.DEC.2023 00:10:20

Middle Channel / 20MHz / 64QAM

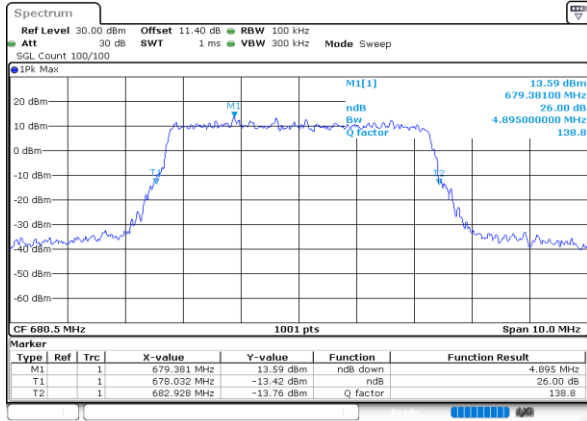


Date: 22.DEC.2023 00:11:50



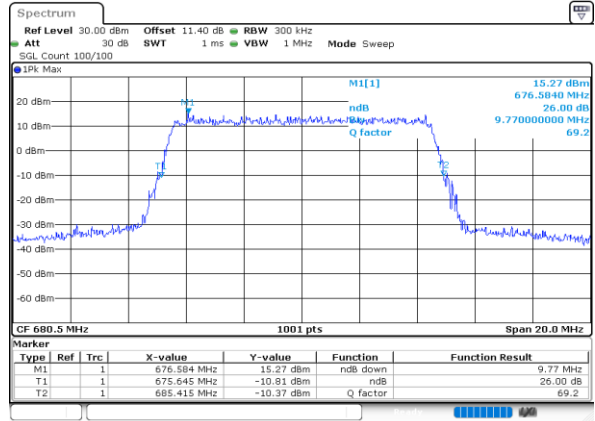
LTE Band 71

Middle Channel / 5MHz / 256QAM



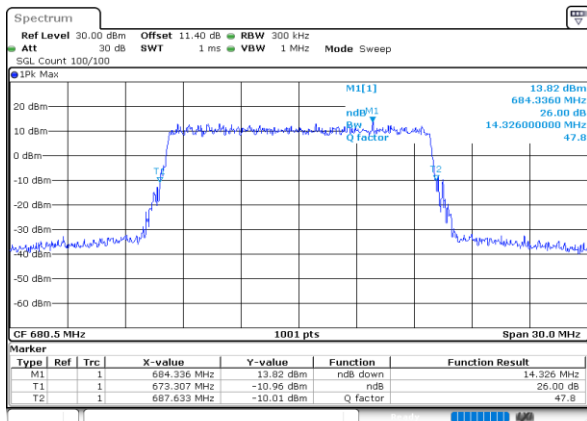
Date: 22.DEC.2023 00:38:24

Middle Channel / 10MHz / 256QAM



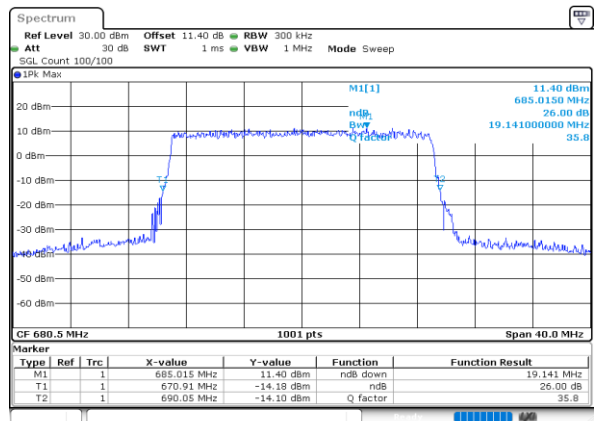
Date: 22.DEC.2023 00:14:30

Middle Channel / 15MHz / 256QAM



Date: 22.DEC.2023 01:04:00

Middle Channel / 20MHz / 256QAM



Date: 22.DEC.2023 01:10:48