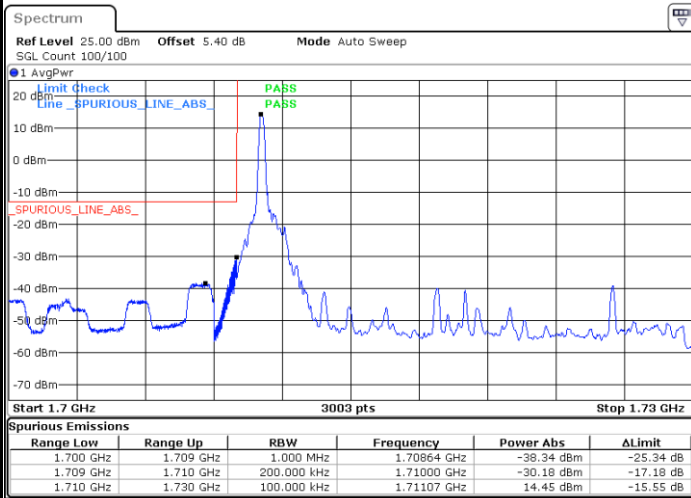




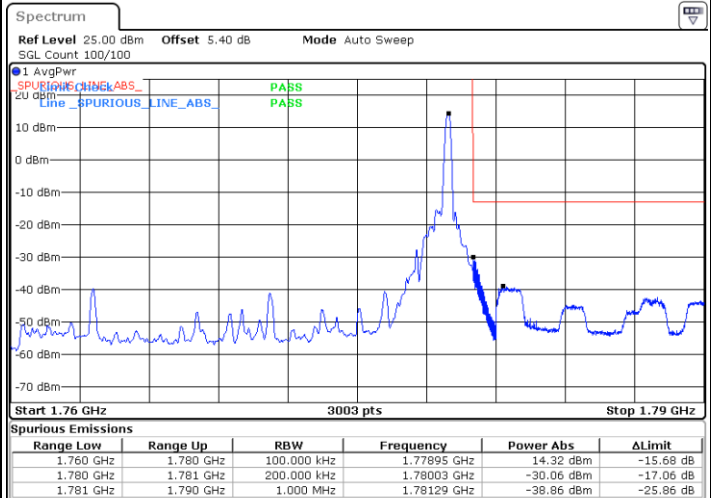
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



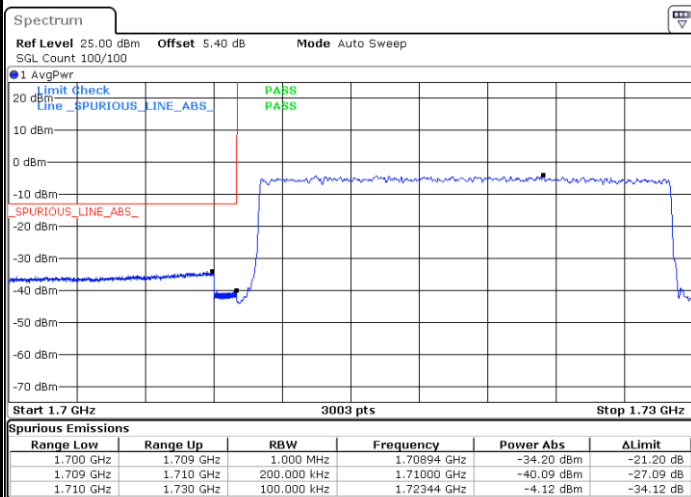
Date: 14.JAN.2023 05:20:24

Highest Band Edge / 1 RB



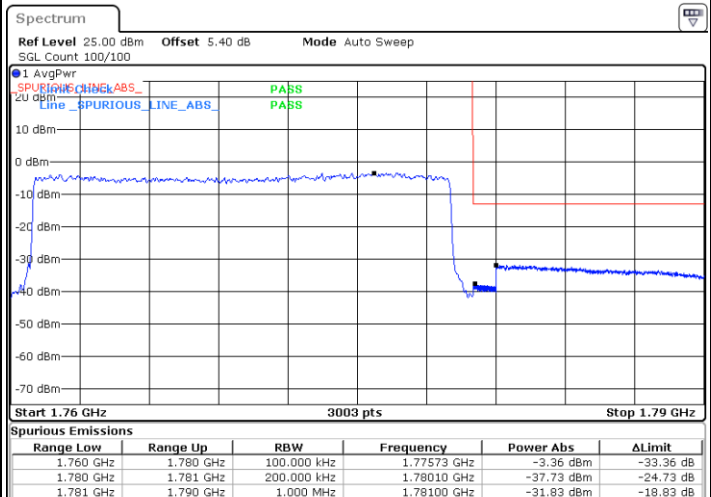
Date: 14.JAN.2023 05:33:44

Lowest Band Edge / Full RB



Date: 14.JAN.2023 05:25:45

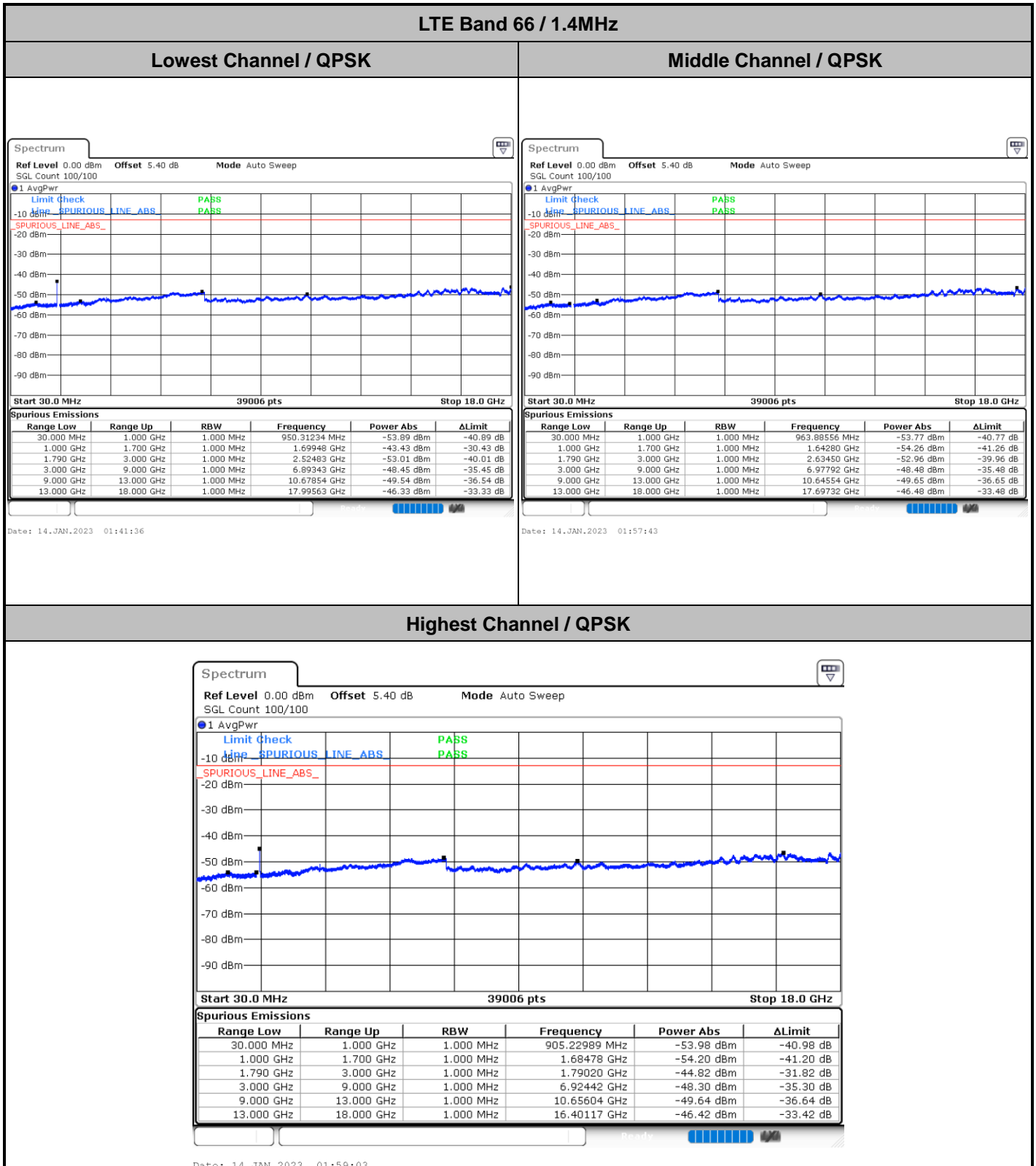
Highest Band Edge / Full RB



Date: 14.JAN.2023 05:39:04



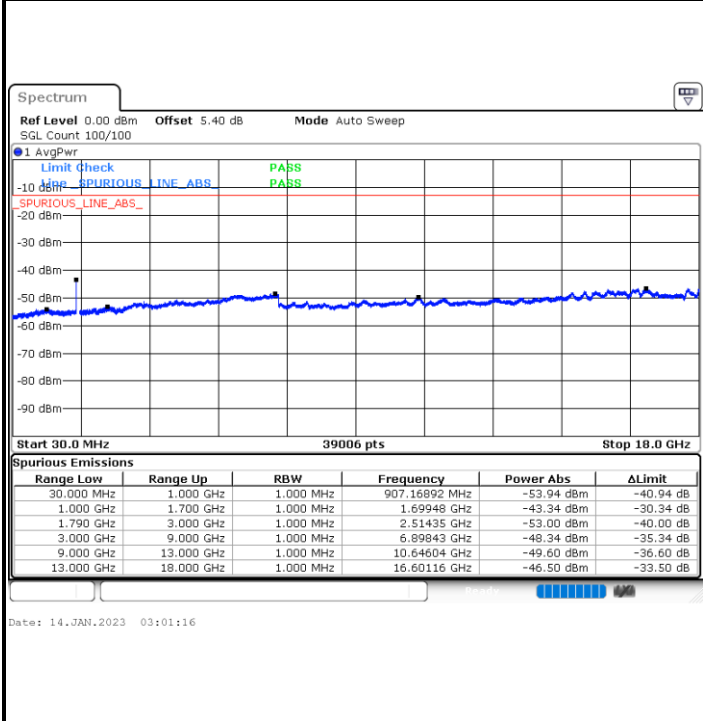
Conducted Spurious Emission



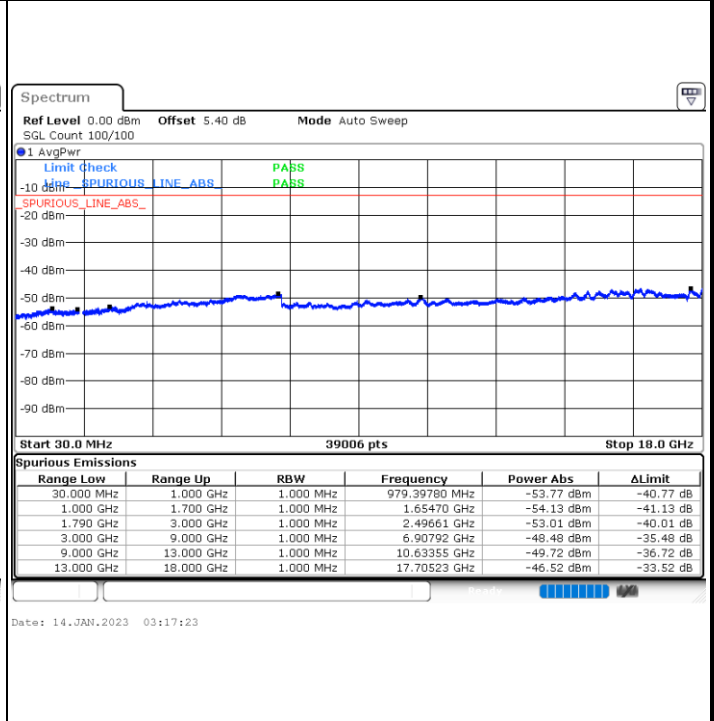


LTE Band 66 / 3MHz

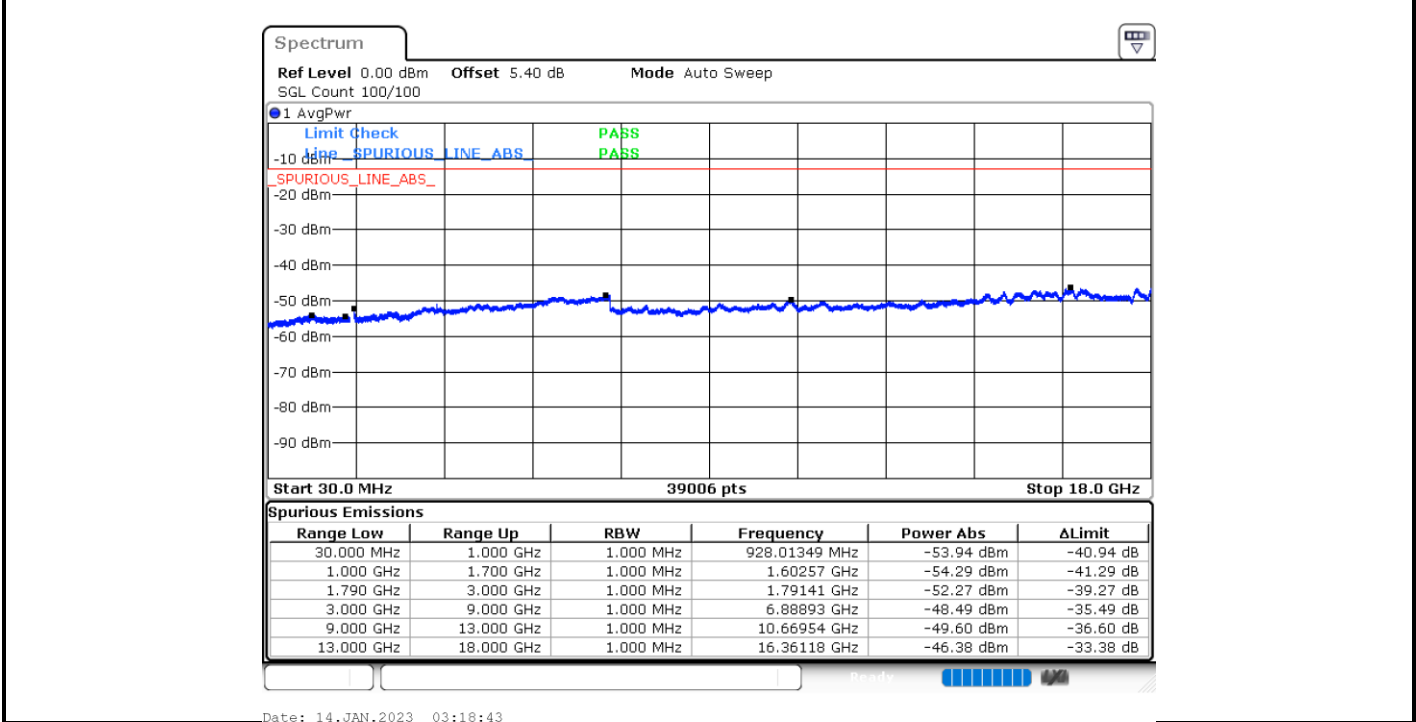
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

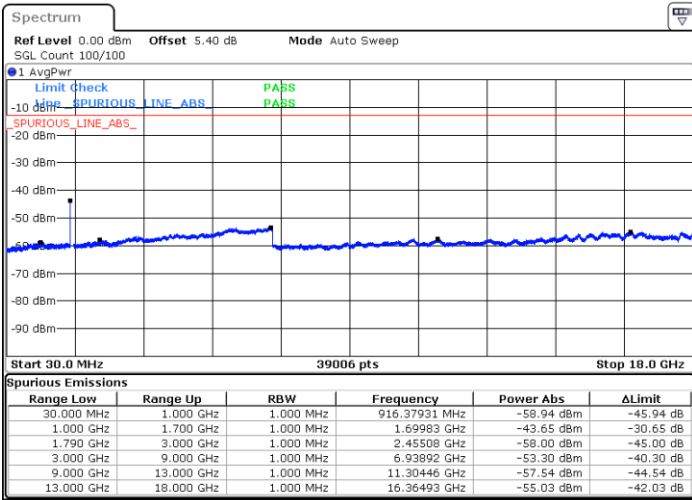




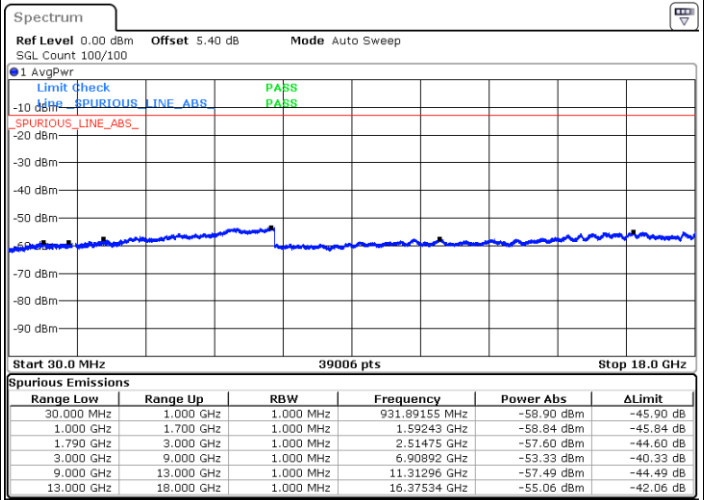
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

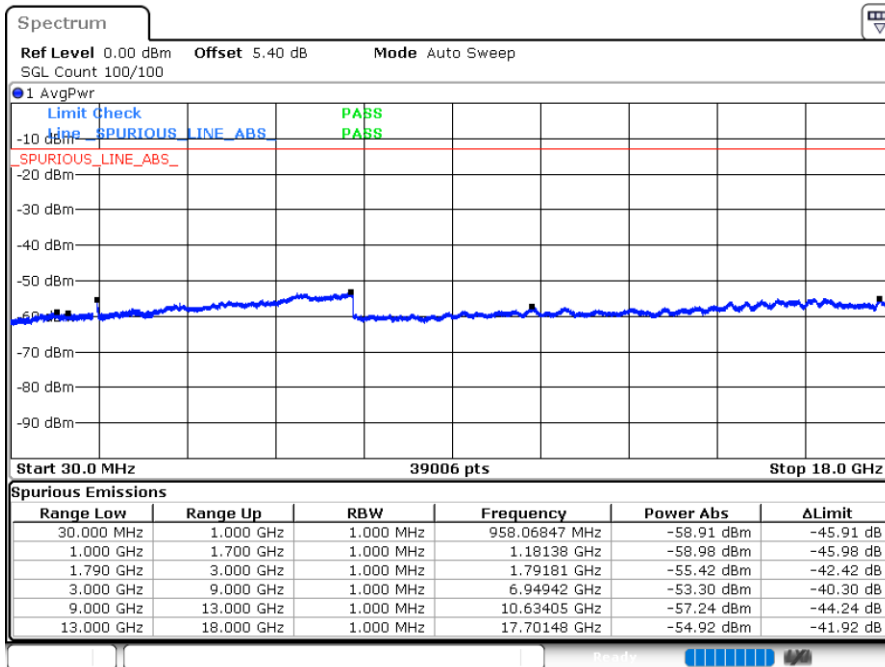


Date: 14. JAN. 2023 03:43:02



Date: 14. JAN. 2023 04:01:34

Highest Channel / QPSK

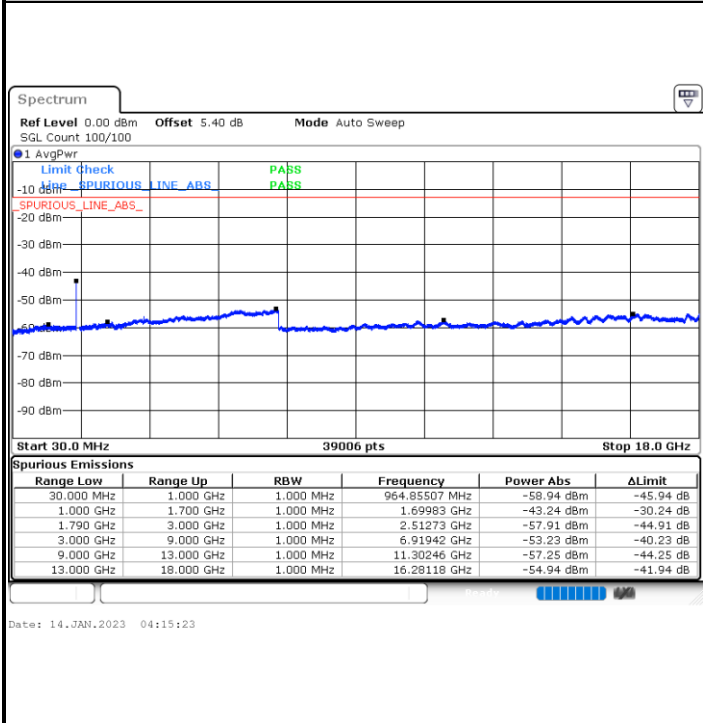


Date: 14. JAN. 2023 04:02:54

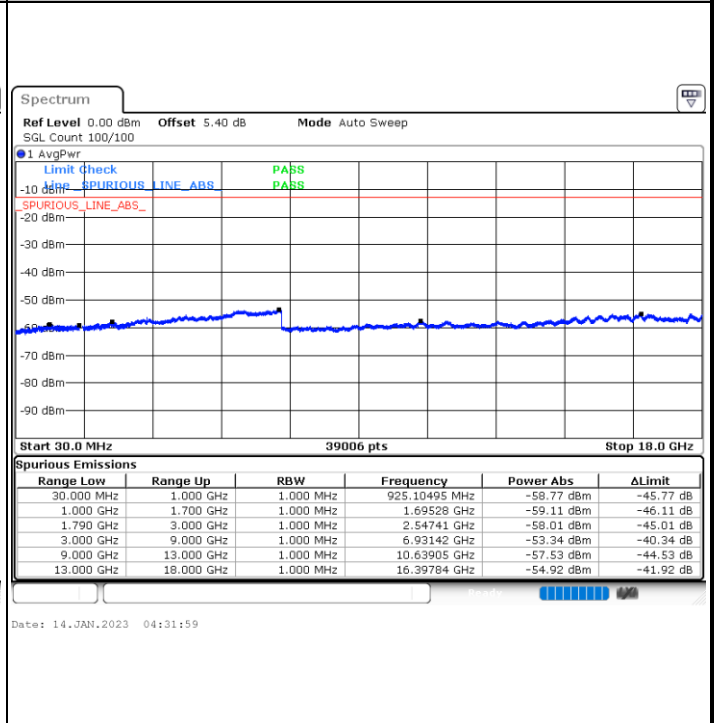


LTE Band 66 / 10MHz

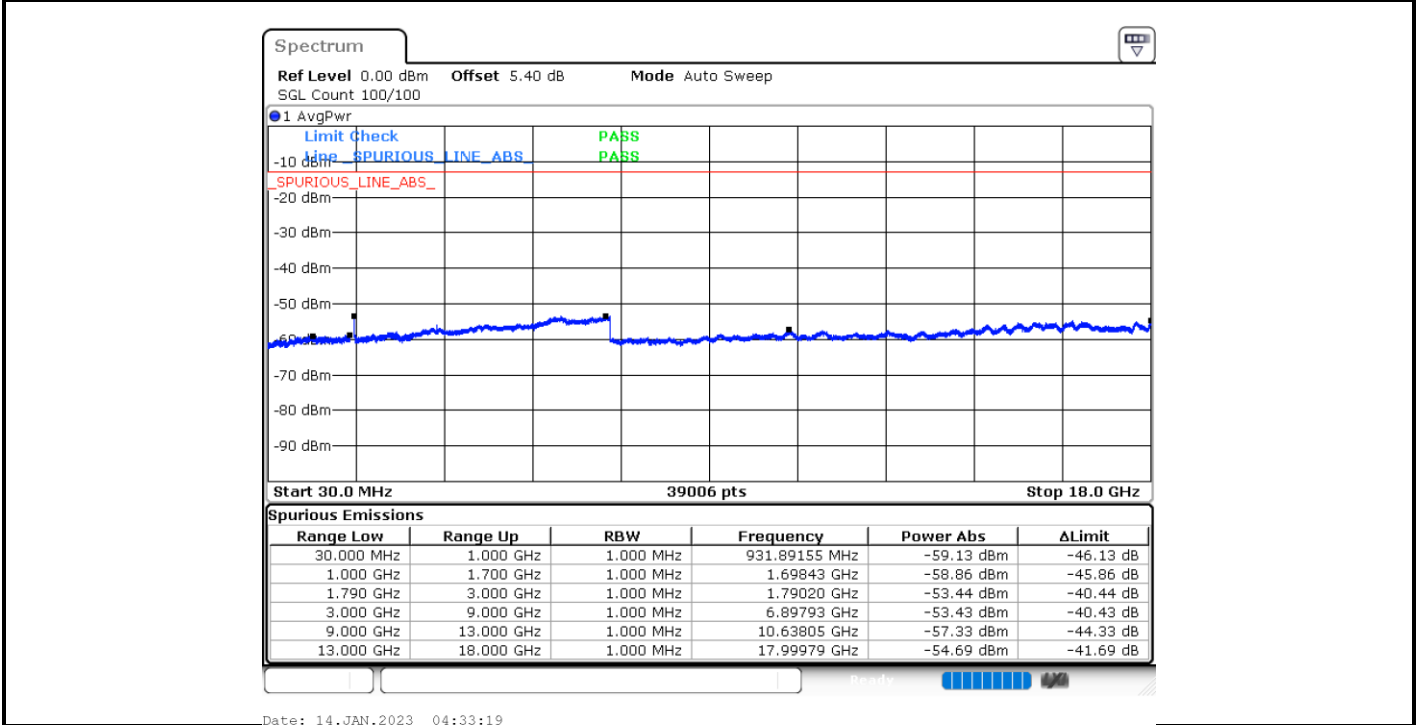
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

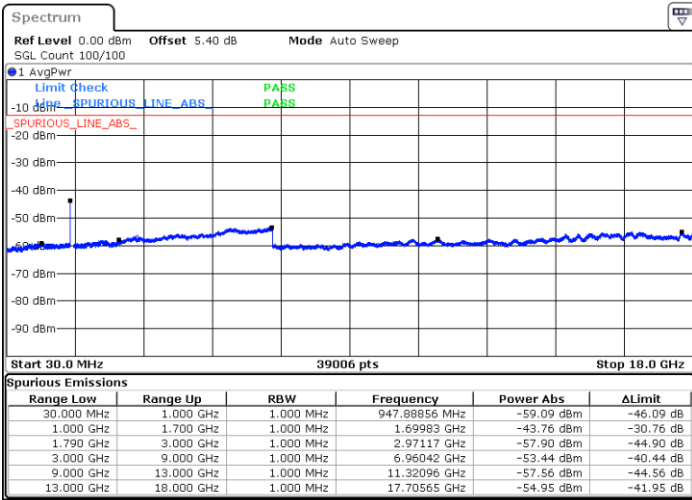




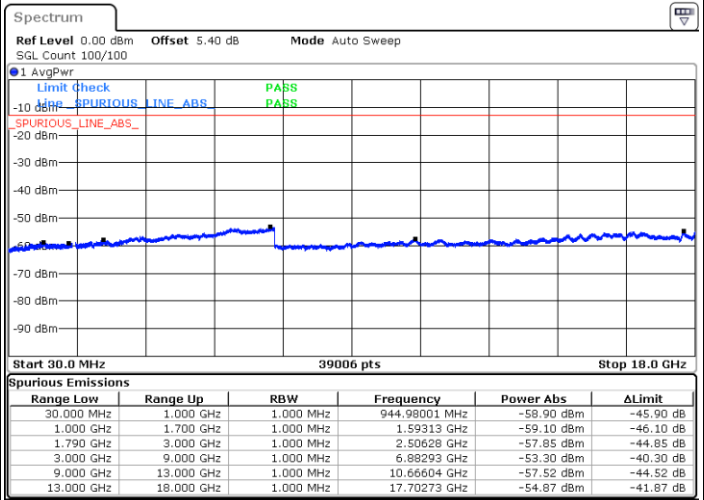
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

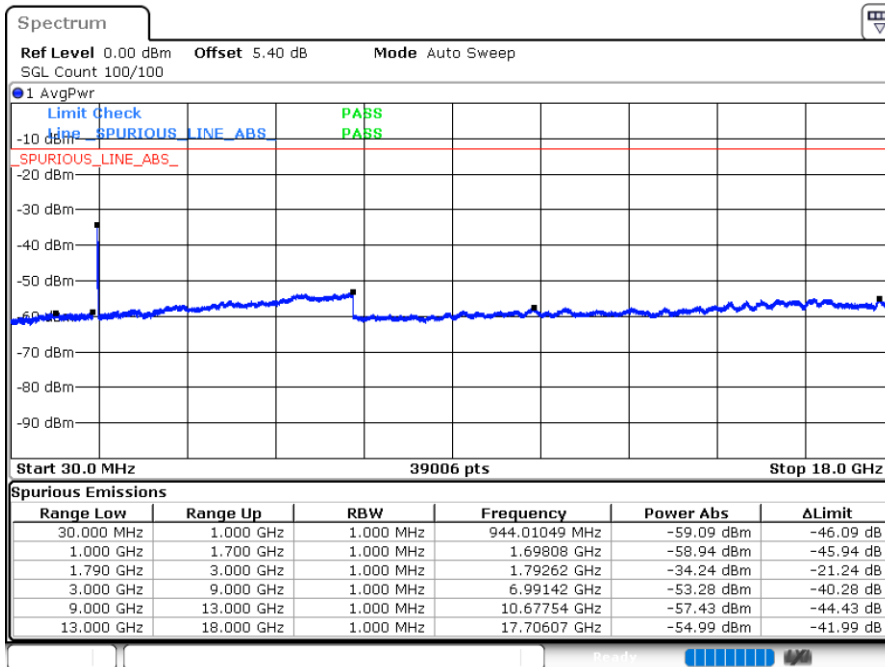


Date: 14.JAN.2023 04:48:18



Date: 14.JAN.2023 05:01:44

Highest Channel / QPSK



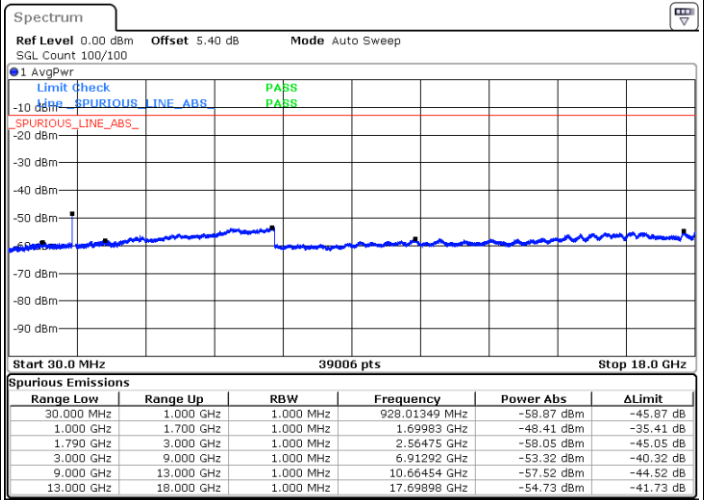
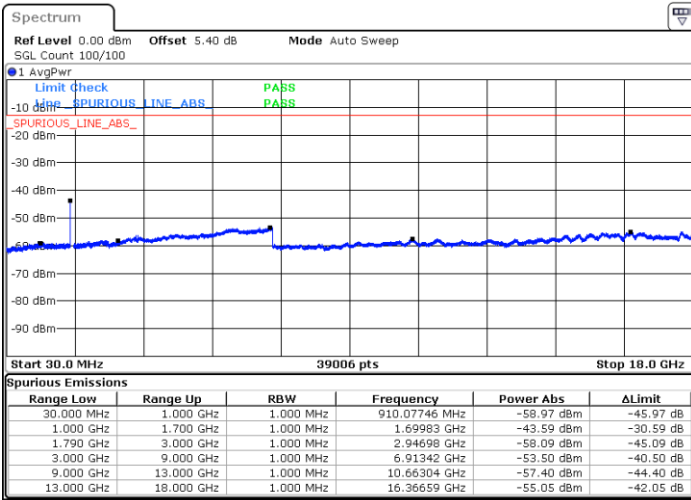
Date: 14.JAN.2023 05:03:04



LTE Band 66 / 20MHz

Lowest Channel / QPSK

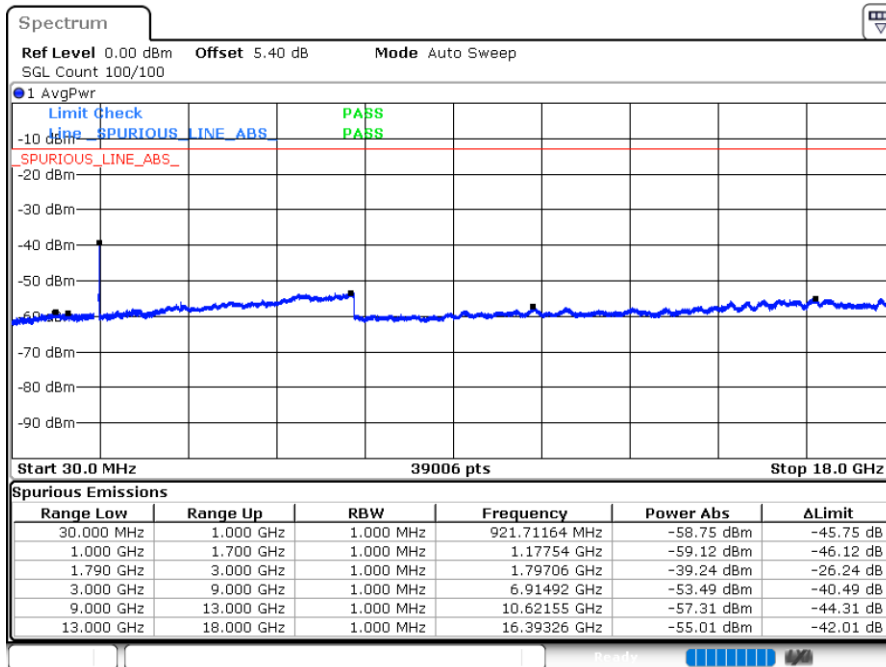
Middle Channel / QPSK



Date: 14. JAN. 2023 05:15:04

Date: 14. JAN. 2023 05:27:05

Highest Channel / QPSK



Date: 14. JAN. 2023 05:28:24



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	0.0014	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0025	

Note:

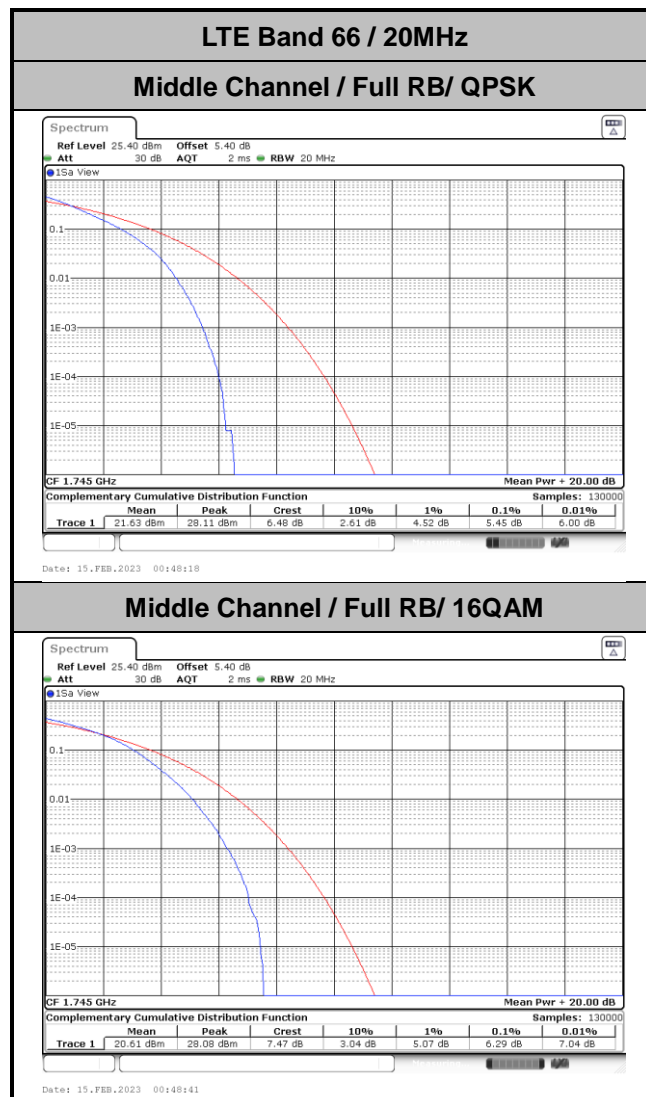
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

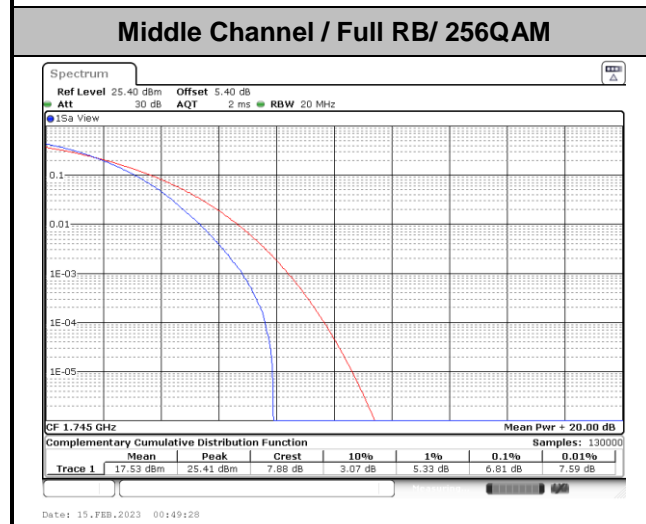
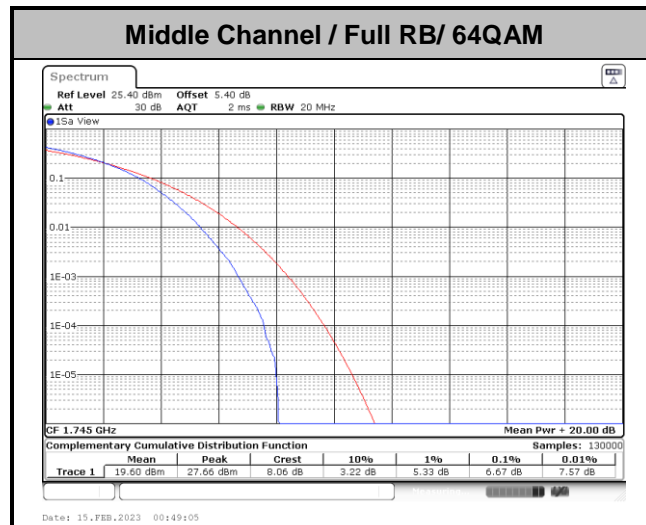


LTE Band 66 for Other PA

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.45	6.29	6.67	6.81	PASS







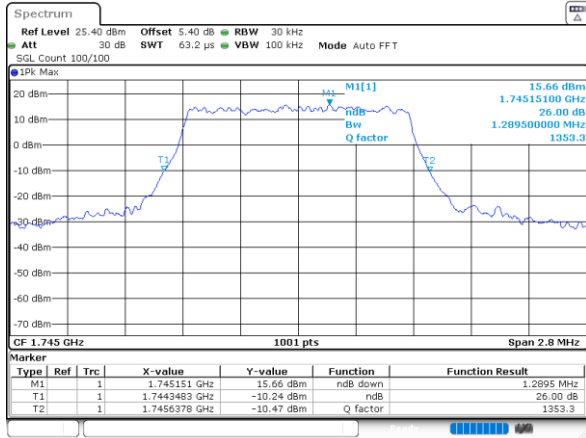
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.29	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.94	2.97
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.87	4.81
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.67
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.48	14.57
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	19.10



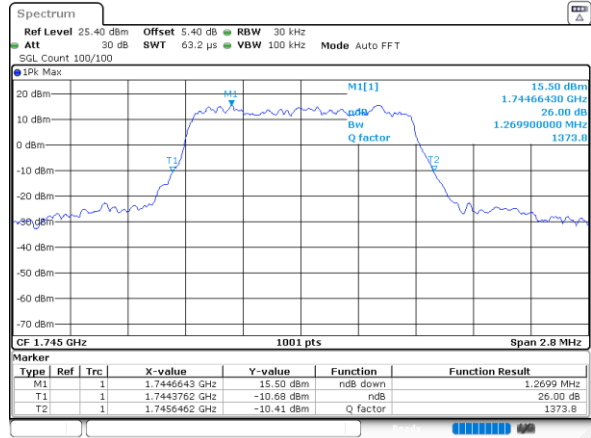
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 15.FEB.2023 00:56:35

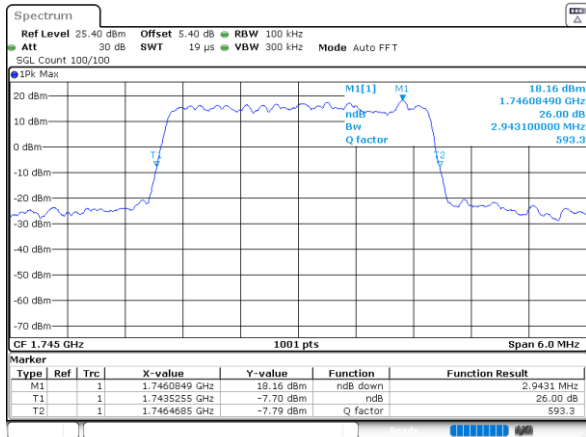
Middle Channel / 1.4MHz / 16QAM



Date: 15.FEB.2023 00:57:20

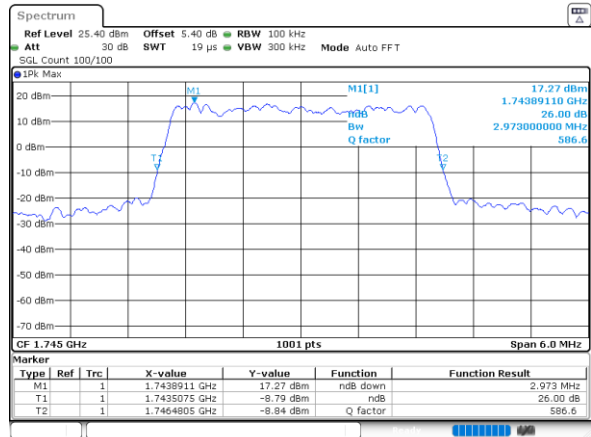
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 15.FEB.2023 00:55:47

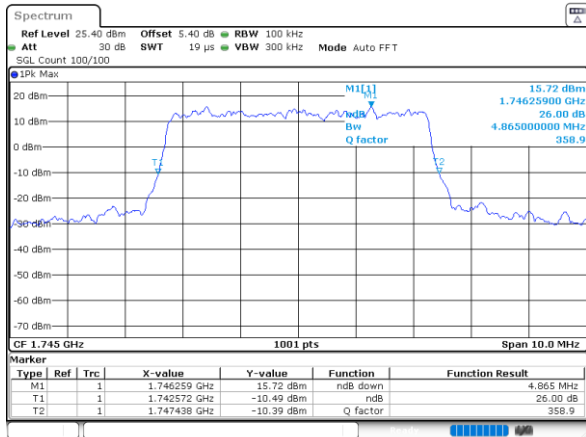
Middle Channel / 3MHz / 16QAM



Date: 15.FEB.2023 00:55:04

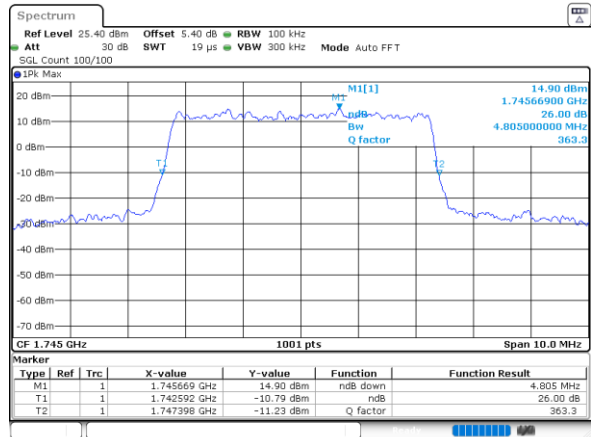
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 15.FEB.2023 00:53:28

Middle Channel / 5MHz / 16QAM

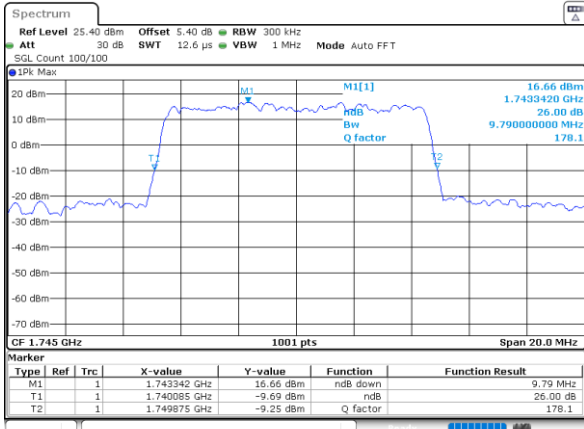


Date: 15.FEB.2023 00:54:19



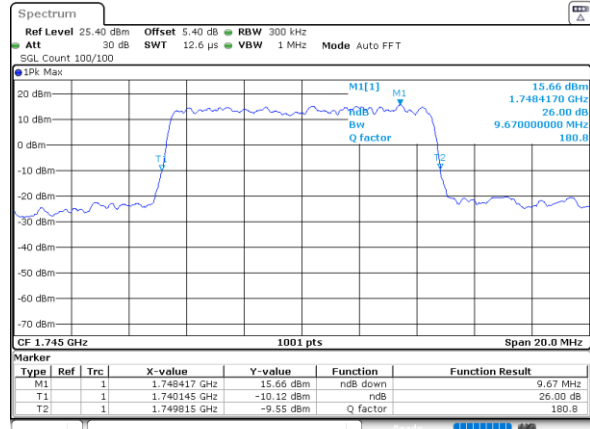
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 15.FEB.2023 00:52:44

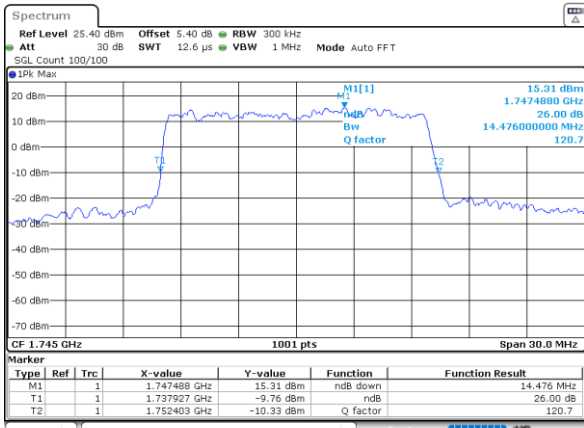
Middle Channel / 10MHz / 16QAM



Date: 15.FEB.2023 00:52:03

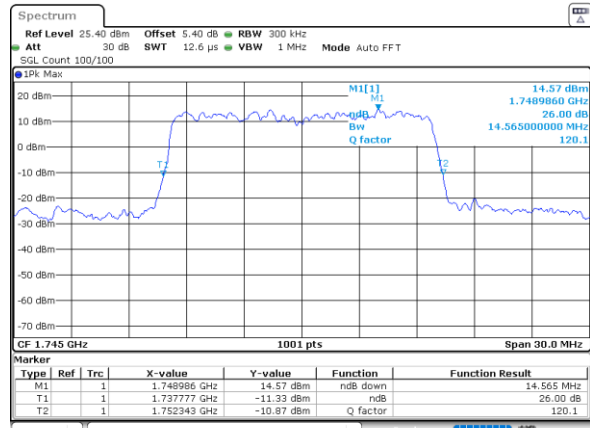
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 15.FEB.2023 00:50:36

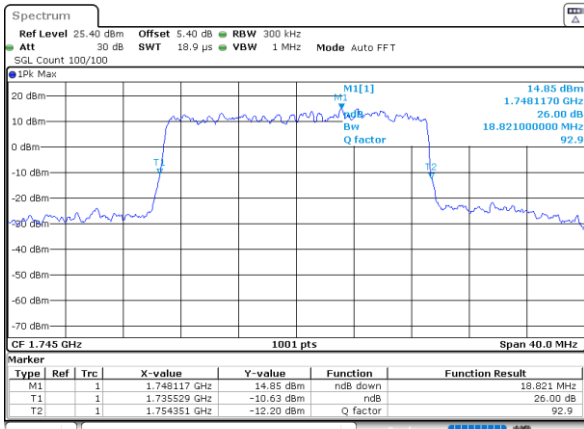
Middle Channel / 15MHz / 16QAM



Date: 15.FEB.2023 00:51:18

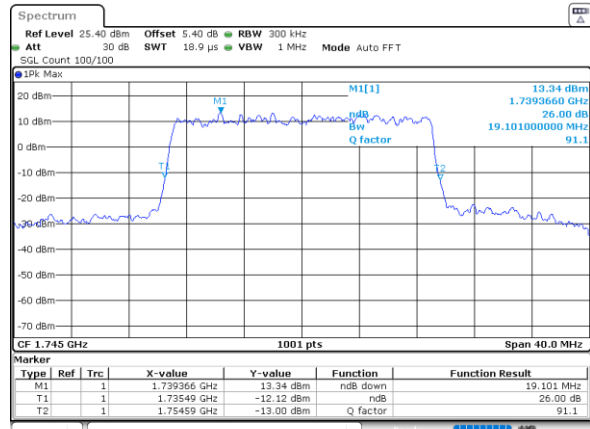
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 15.FEB.2023 00:47:34

Middle Channel / 20MHz / 16QAM



Date: 15.FEB.2023 00:47:56



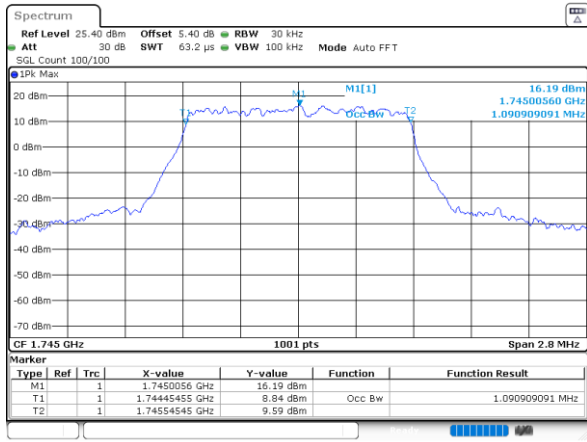
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.71	2.70
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.07
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94



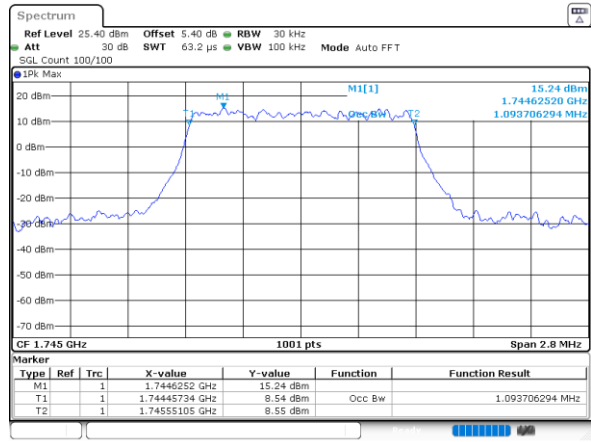
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 15.FEB.2023 00:56:14

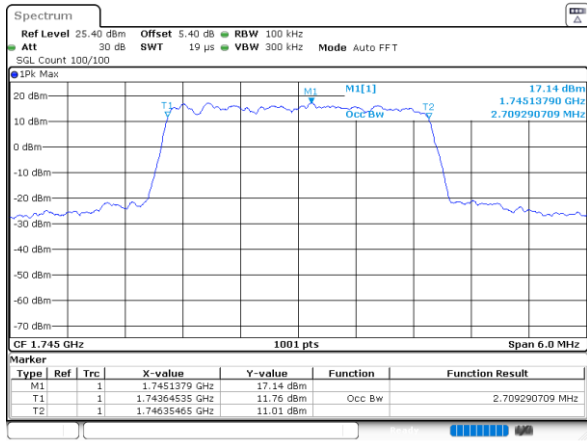
Middle Channel / 1.4MHz / 16QAM



Date: 15.FEB.2023 00:56:18

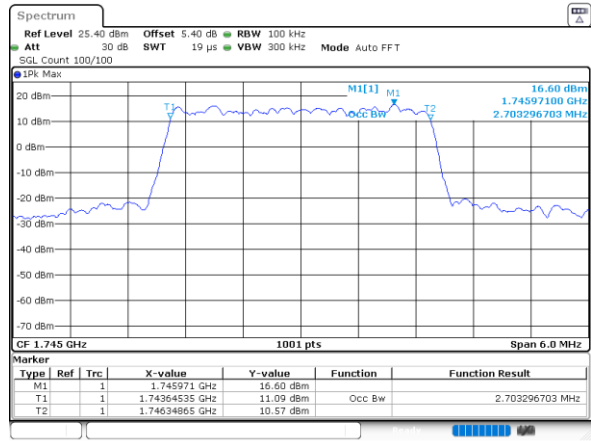
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 15.FEB.2023 00:55:26

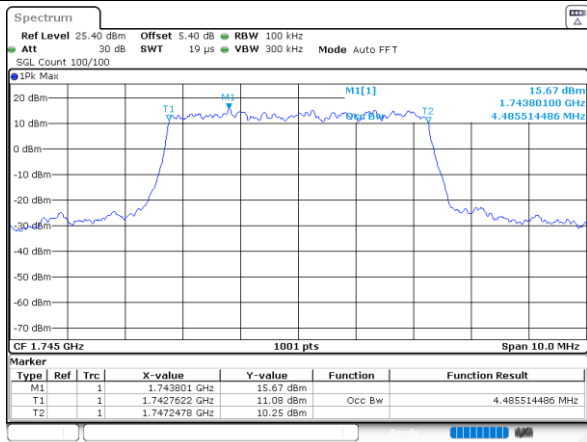
Middle Channel / 3MHz / 16QAM



Date: 15.FEB.2023 00:54:44

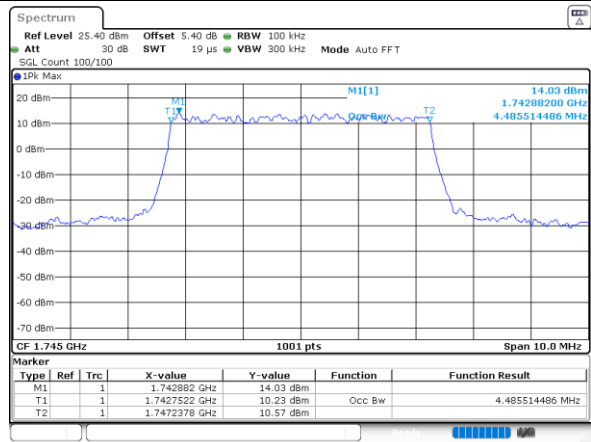
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 15.FEB.2023 00:53:08

Middle Channel / 5MHz / 16QAM

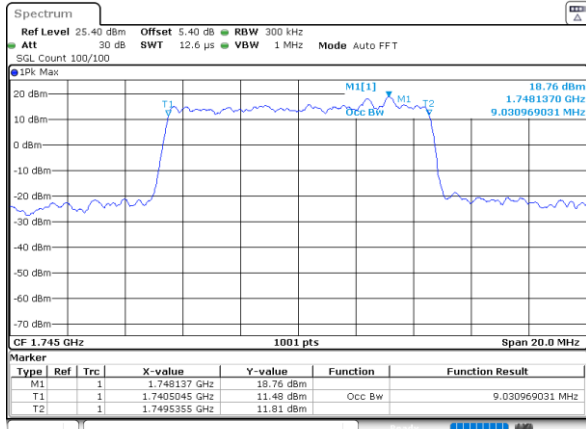


Date: 15.FEB.2023 00:53:57



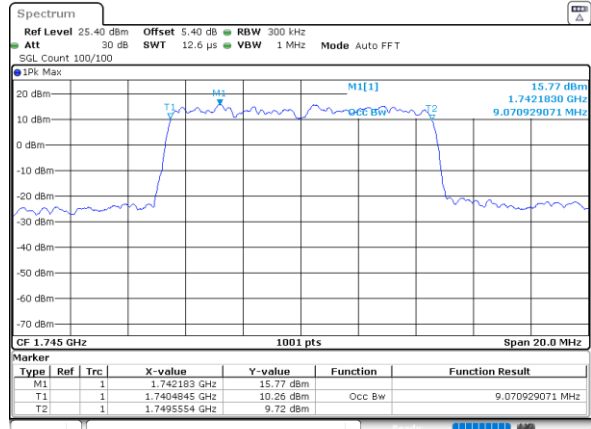
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 15.FEB.2023 00:52:24

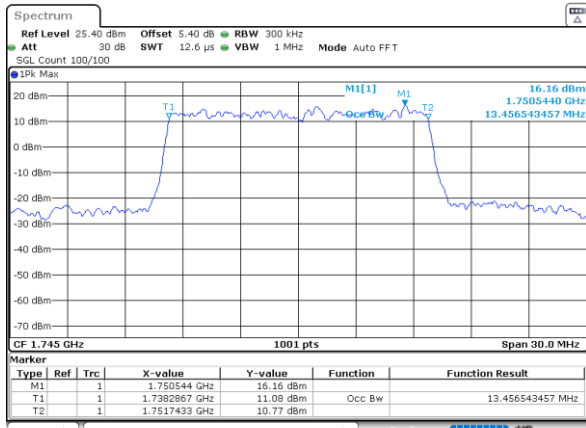
Middle Channel / 10MHz / 16QAM



Date: 15.FEB.2023 00:51:42

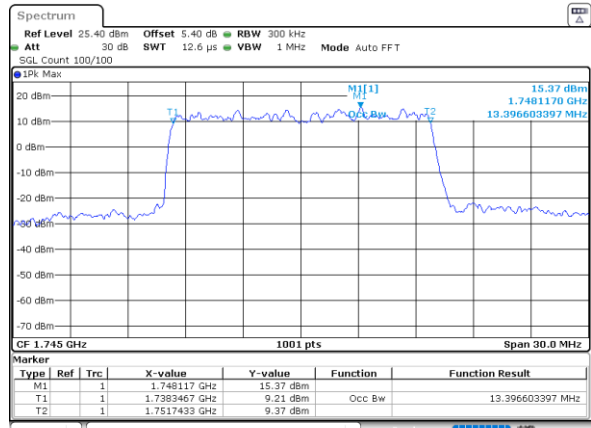
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 15.FEB.2023 00:50:14

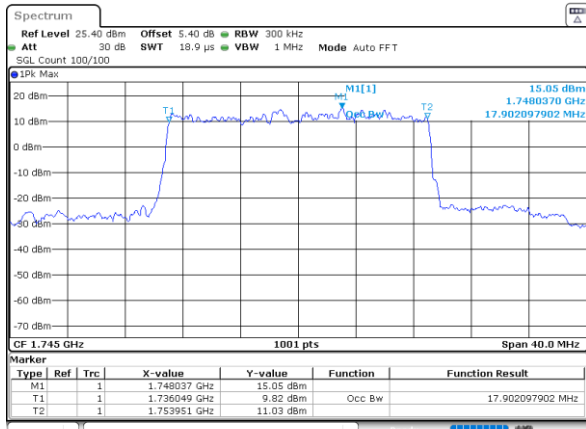
Middle Channel / 15MHz / 16QAM



Date: 15.FEB.2023 00:50:57

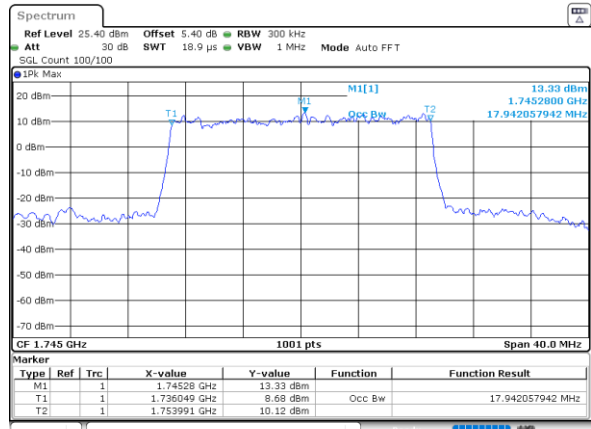
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 15.FEB.2023 00:46:53

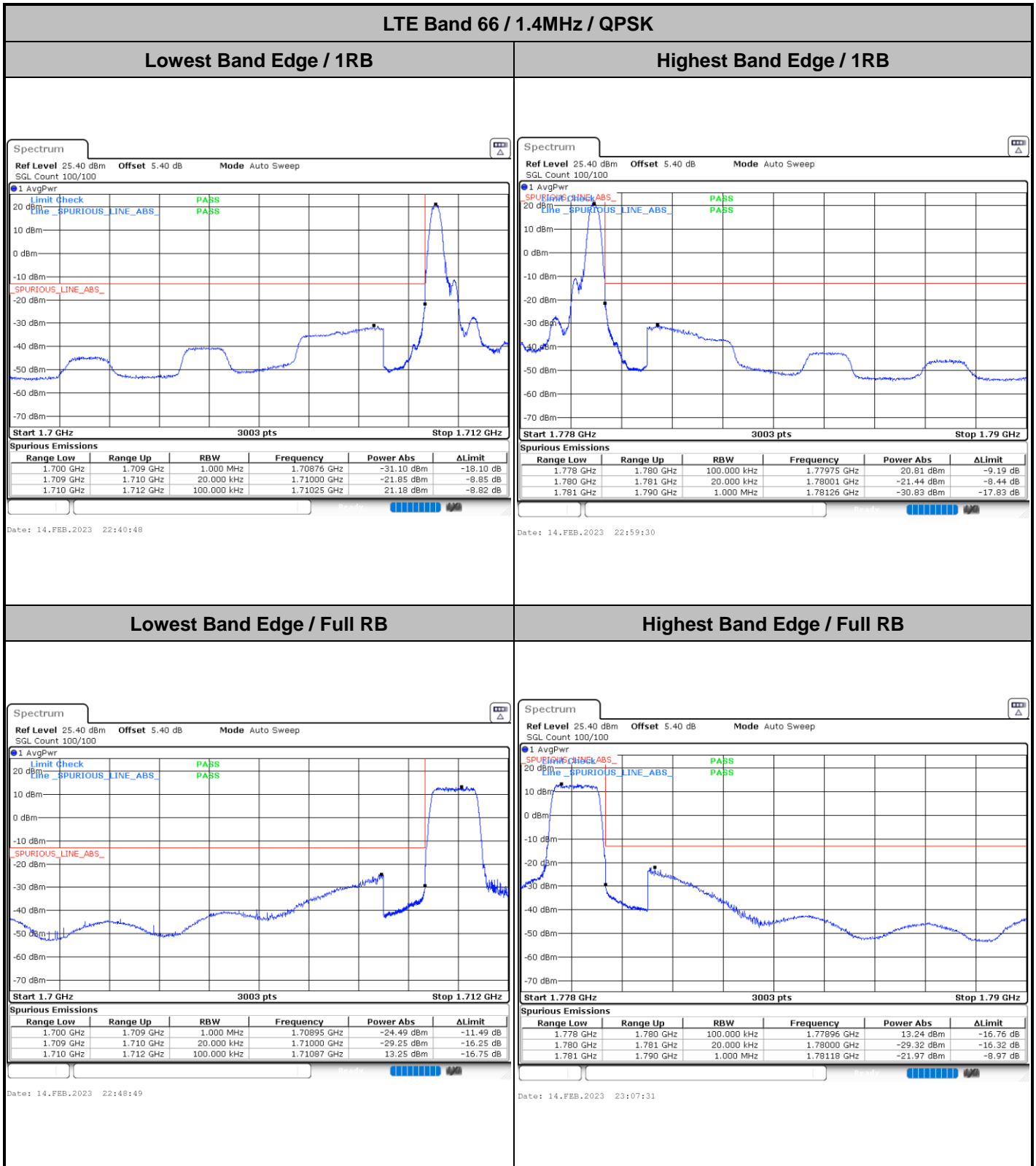
Middle Channel / 20MHz / 16QAM



Date: 15.FEB.2023 00:47:12



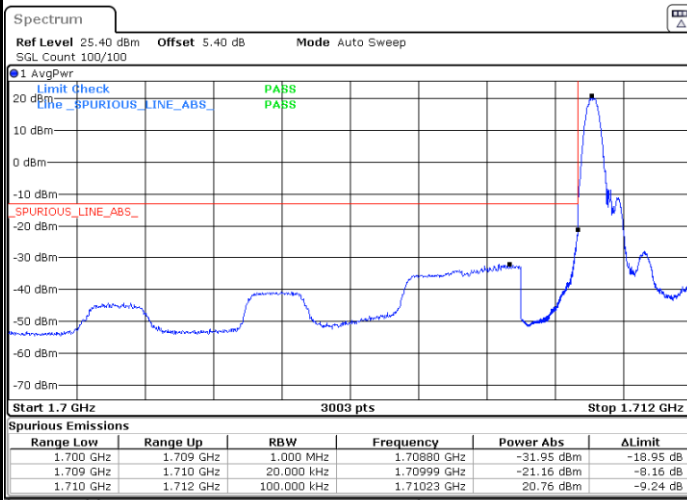
Conducted Band Edge





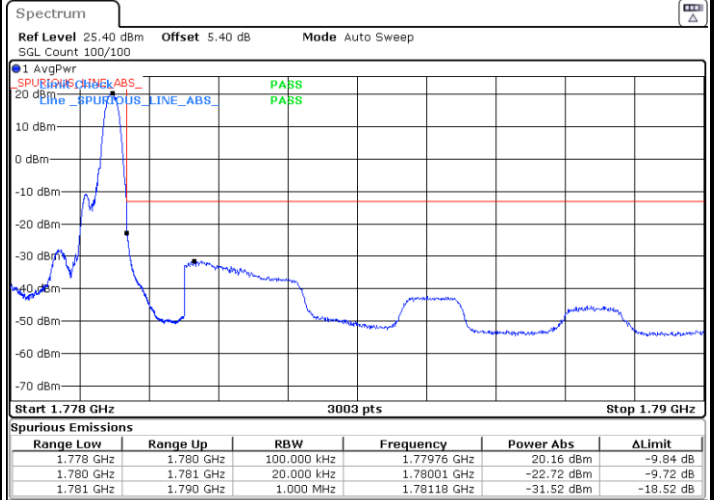
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



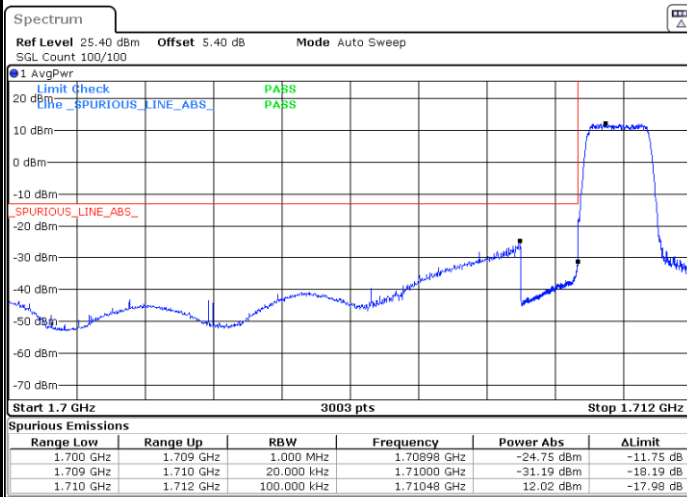
Date: 14.FEB.2023 22:42:48

Highest Band Edge / 1 RB



Date: 14.FEB.2023 23:01:30

Lowest Band Edge / Full RB



Date: 14.FEB.2023 22:50:49

Highest Band Edge / Full RB

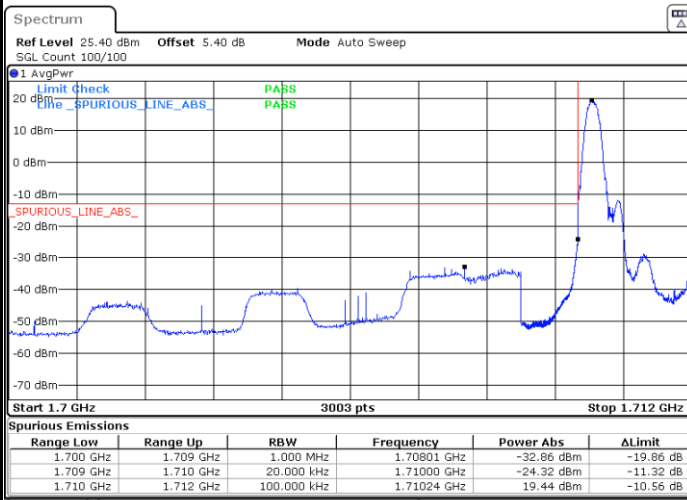


Date: 14.FEB.2023 23:09:31



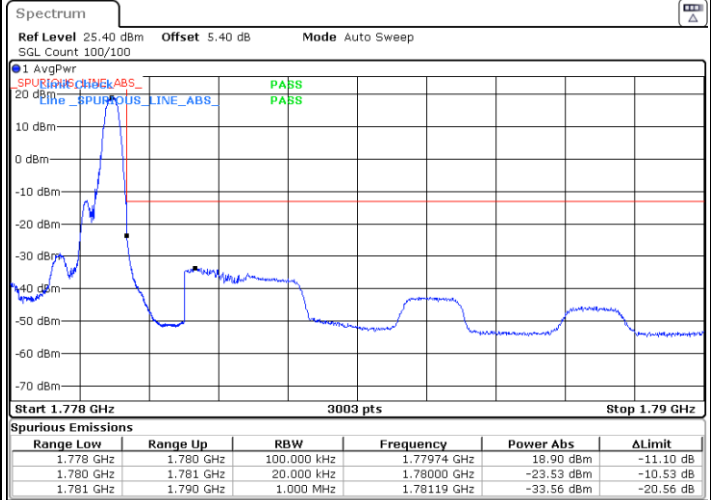
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



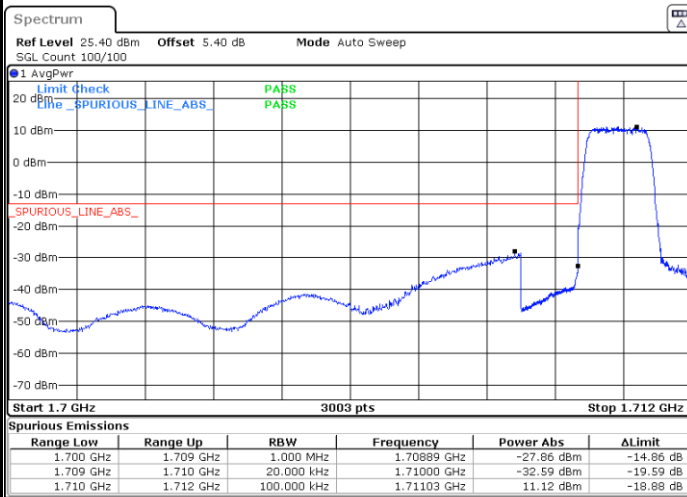
Date: 14.FEB.2023 22:44:48

Highest Band Edge / 1 RB



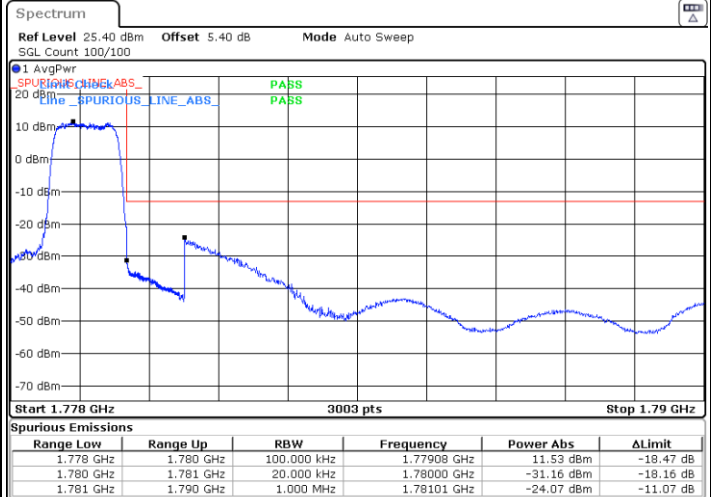
Date: 14.FEB.2023 23:03:31

Lowest Band Edge / Full RB



Date: 14.FEB.2023 22:52:49

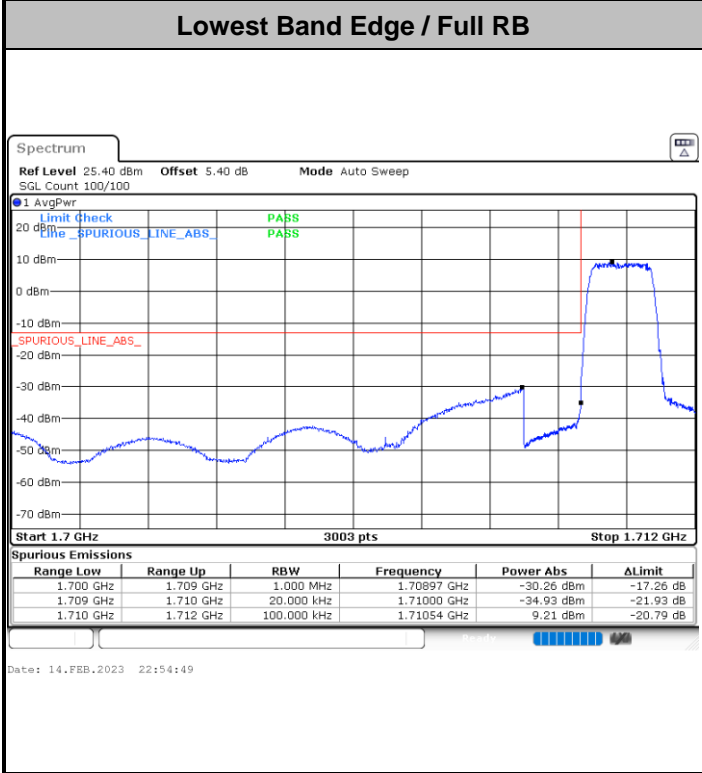
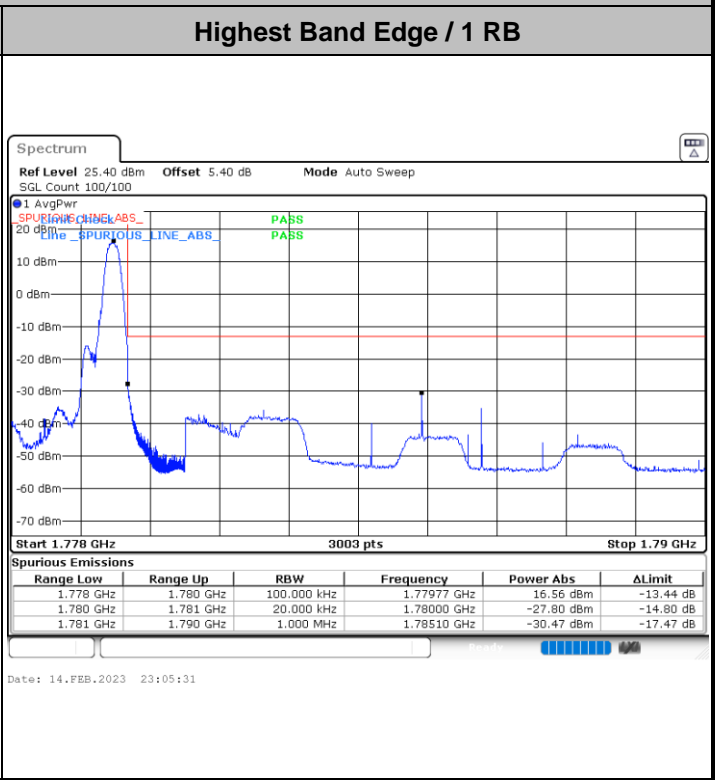
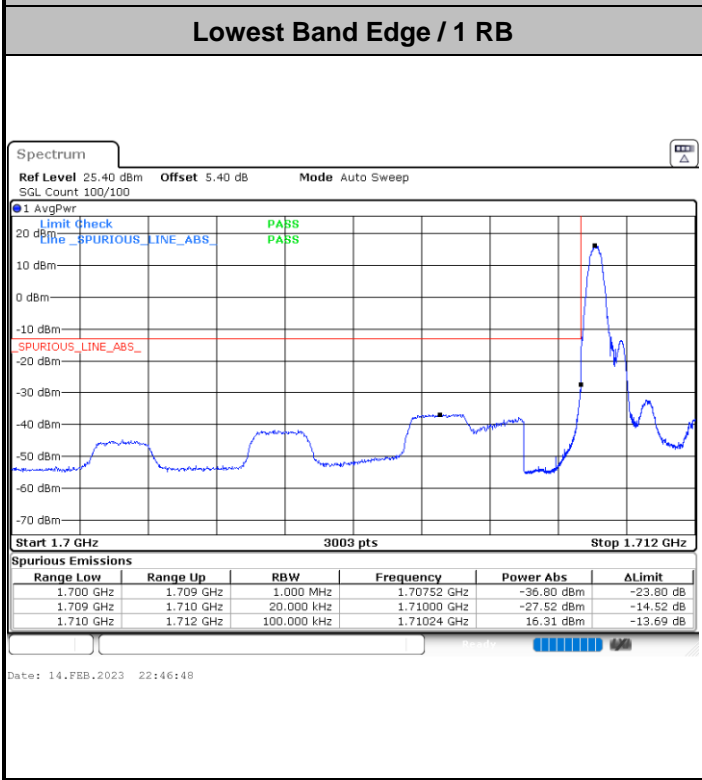
Highest Band Edge / Full RB



Date: 14.FEB.2023 23:11:32



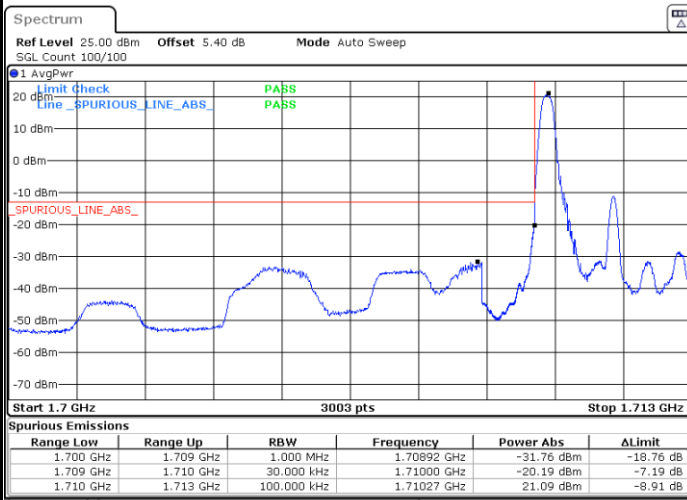
LTE Band 66 / 1.4MHz / 256QAM





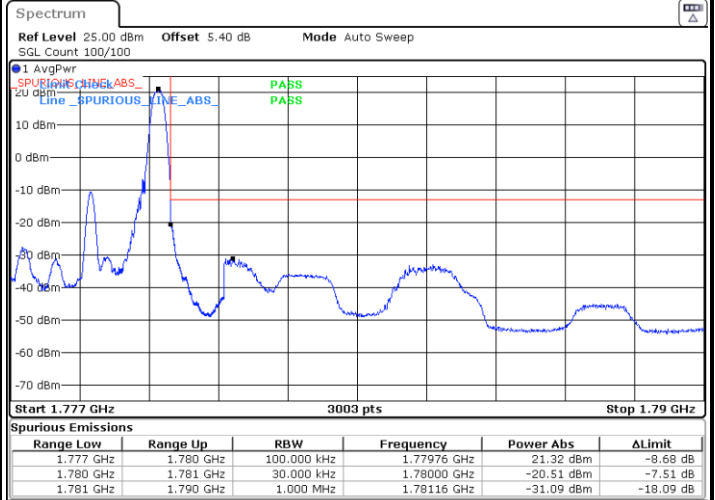
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



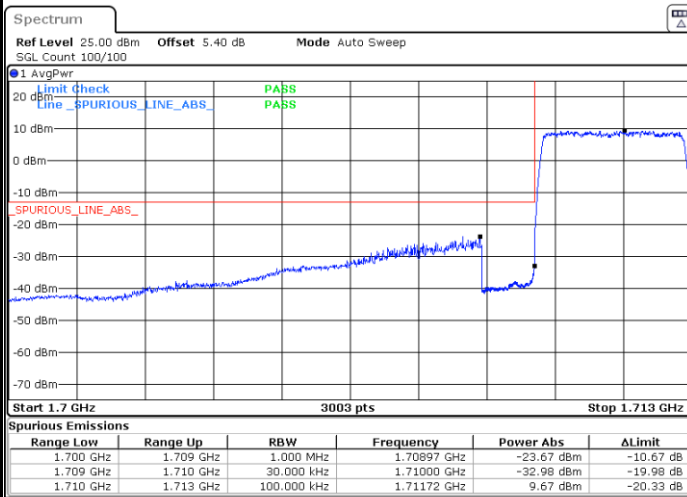
Date: 14.FEB.2023 23:17:48

Highest Band Edge / 1 RB



Date: 14.FEB.2023 23:30:00

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:22:39

Highest Band Edge / Full RB

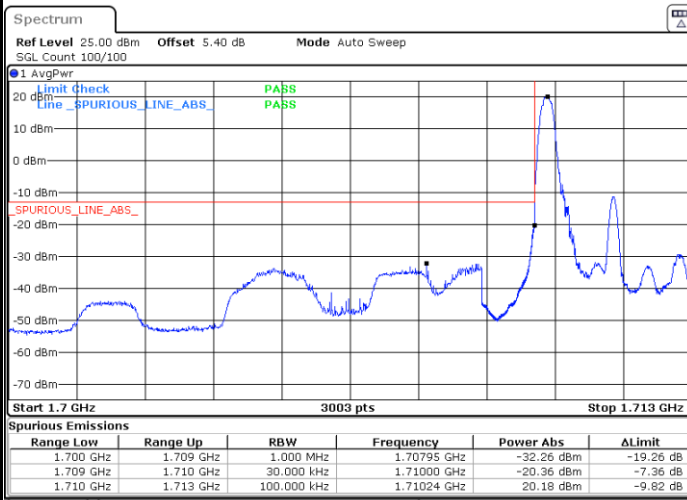


Date: 14.FEB.2023 23:34:41



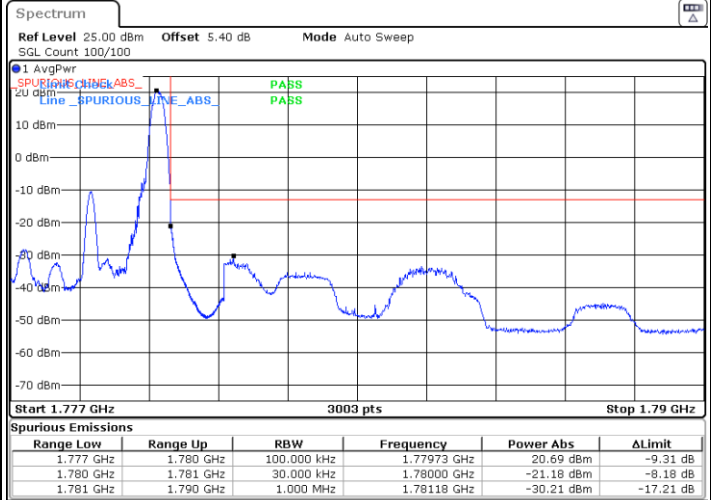
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



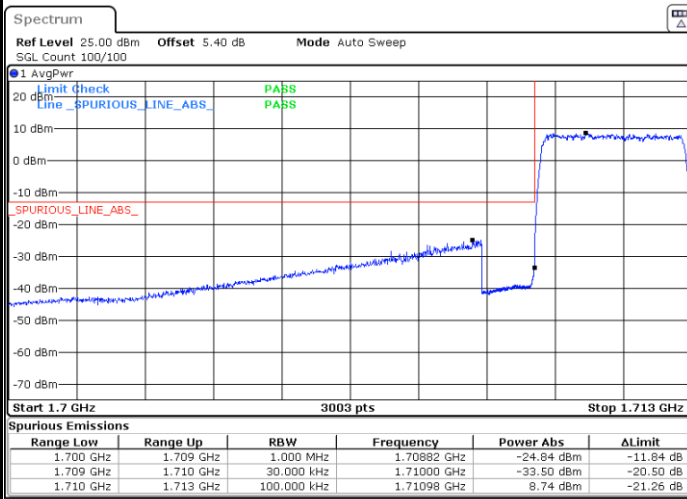
Date: 14.FEB.2023 23:19:08

Highest Band Edge / 1 RB



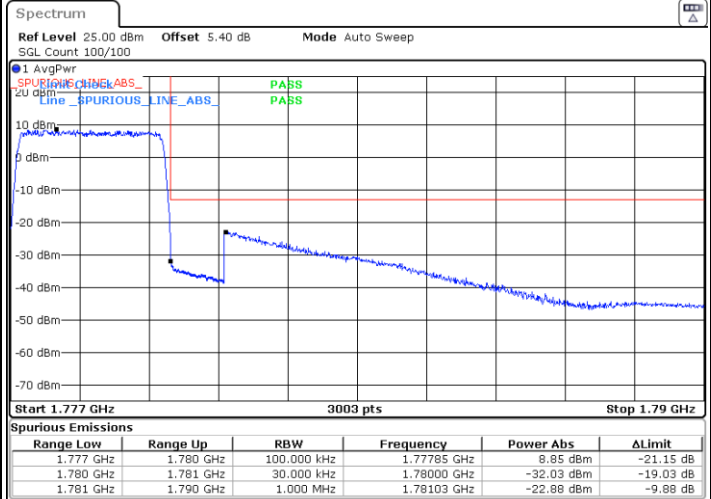
Date: 14.FEB.2023 23:31:10

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:23:49

Highest Band Edge / Full RB

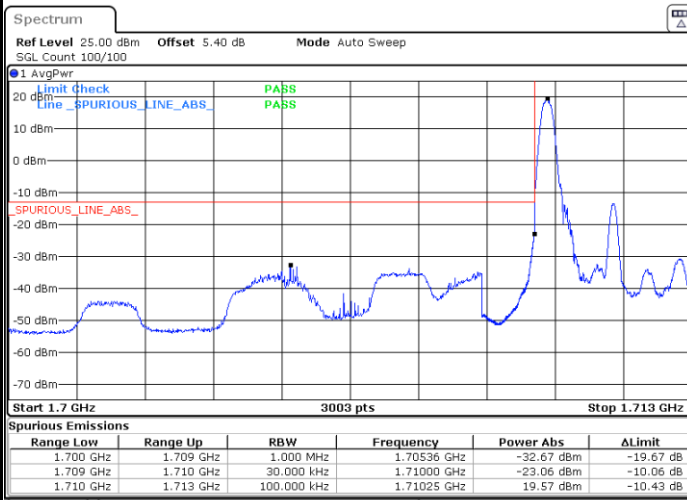


Date: 14.FEB.2023 23:35:51



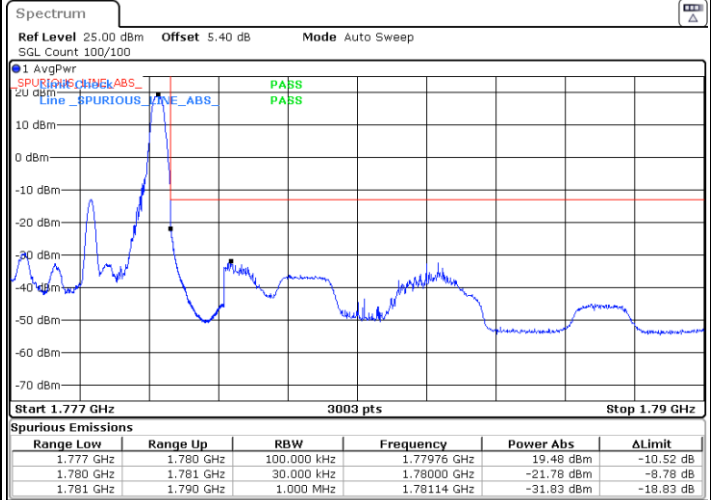
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



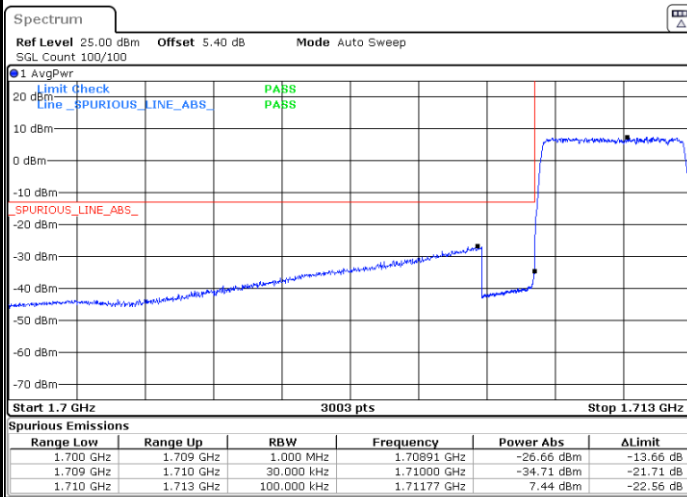
Date: 14.FEB.2023 23:20:18

Highest Band Edge / 1 RB



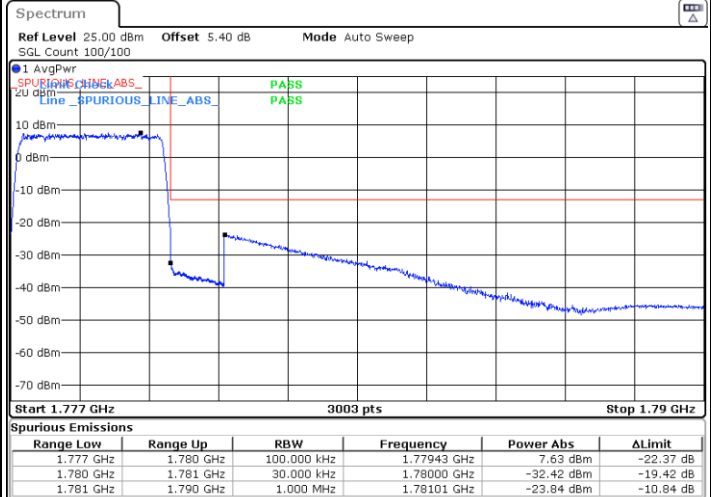
Date: 14.FEB.2023 23:32:20

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:24:59

Highest Band Edge / Full RB

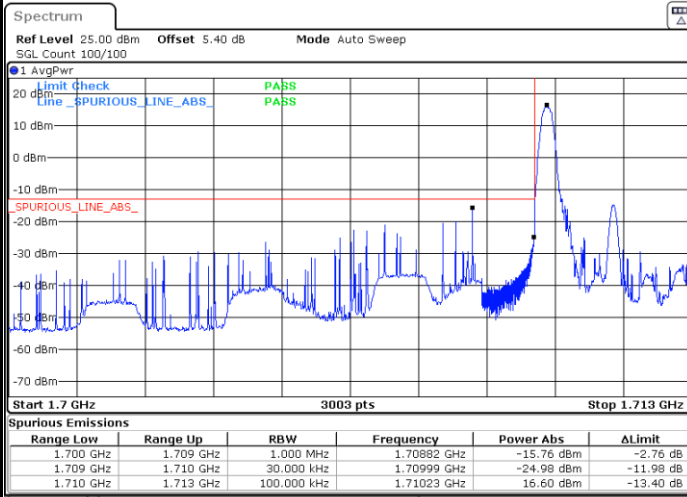


Date: 14.FEB.2023 23:37:01



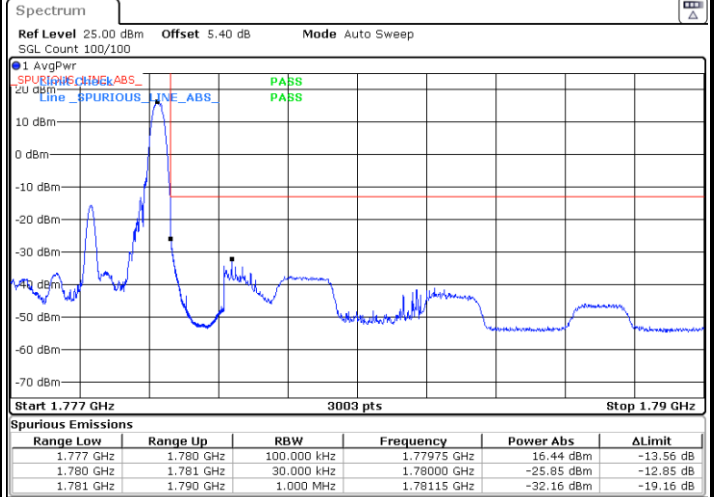
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



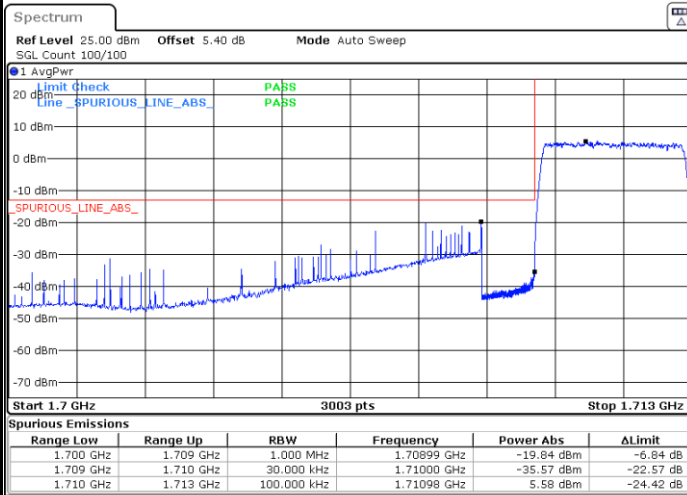
Date: 14.FEB.2023 23:21:28

Highest Band Edge / 1 RB



Date: 14.FEB.2023 23:33:31

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:26:09

Highest Band Edge / Full RB

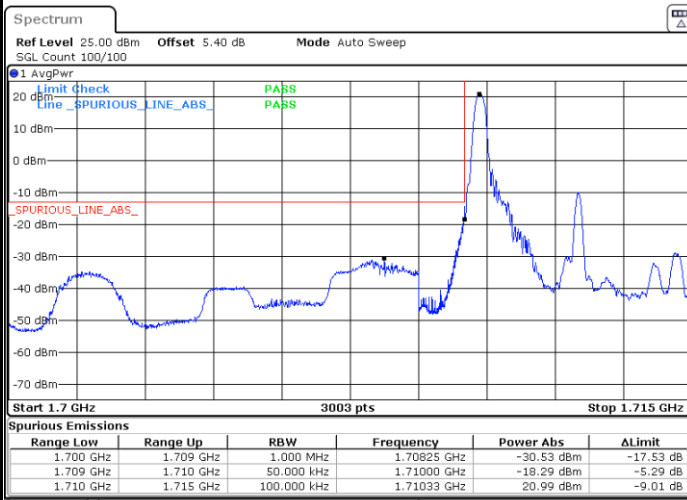


Date: 14.FEB.2023 23:38:11



LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



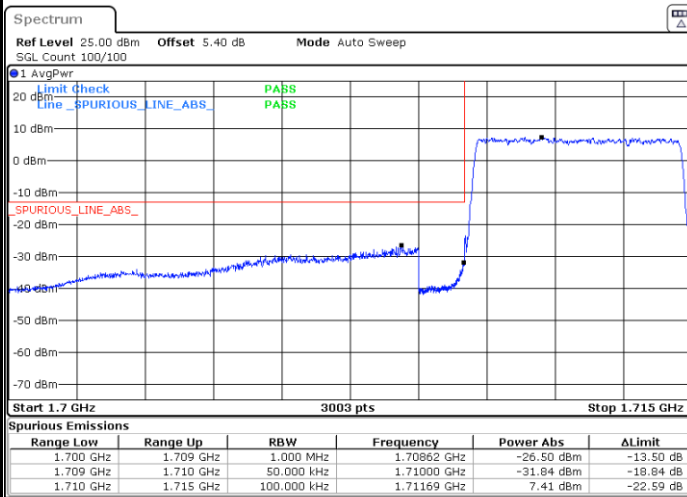
Date: 14.FEB.2023 23:44:55

Highest Band Edge / 1 RB



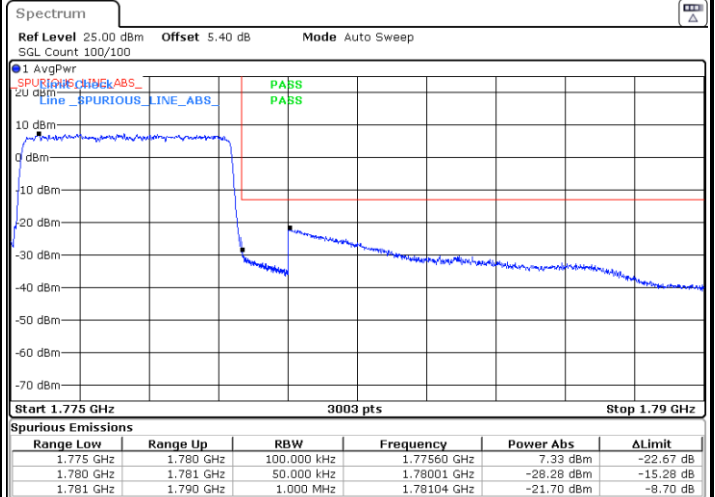
Date: 14.FEB.2023 23:52:58

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:47:35

Highest Band Edge / Full RB

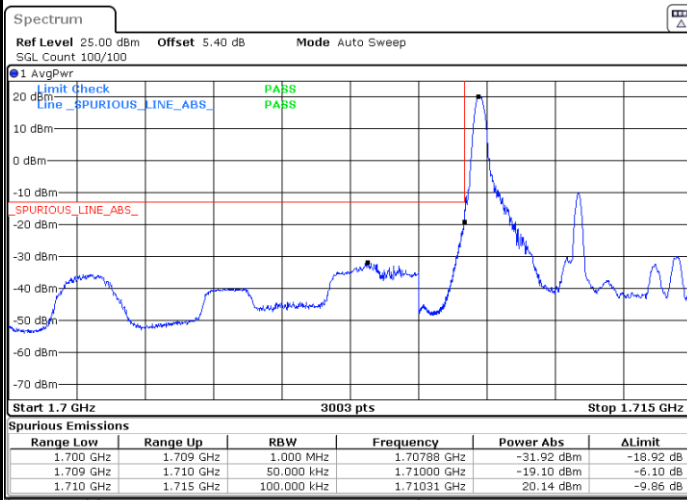


Date: 14.FEB.2023 23:55:39



LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



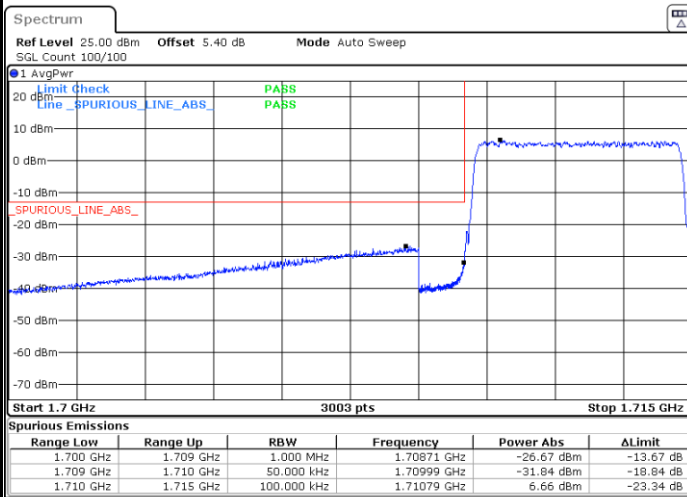
Date: 14.FEB.2023 23:45:35

Highest Band Edge / 1 RB



Date: 14.FEB.2023 23:53:38

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:48:16

Highest Band Edge / Full RB

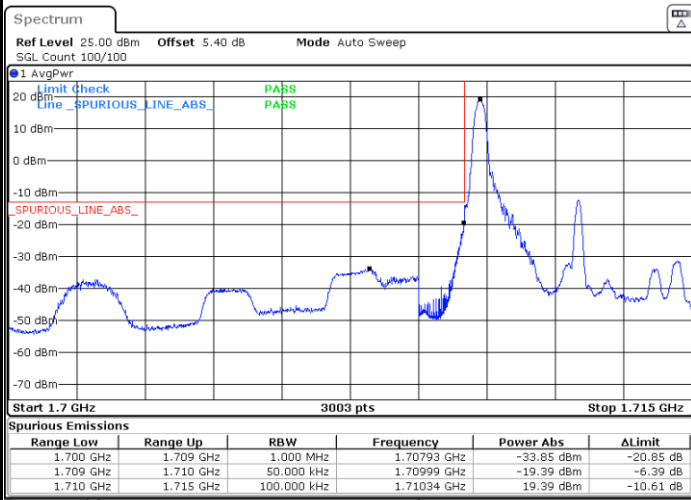


Date: 14.FEB.2023 23:56:20



LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



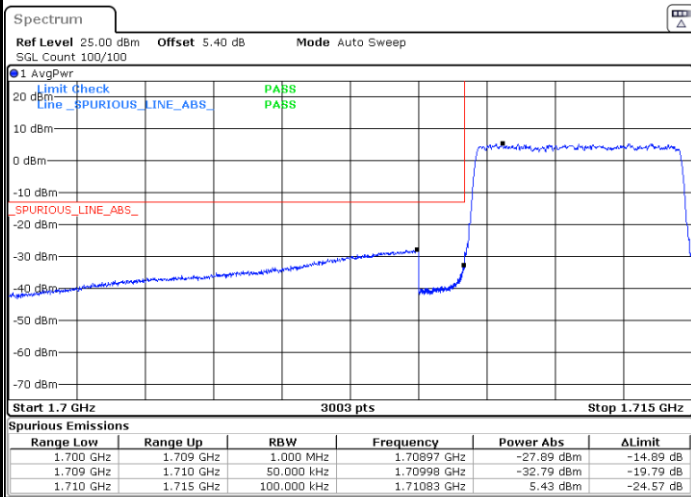
Date: 14.FEB.2023 23:46:15

Highest Band Edge / 1 RB



Date: 14.FEB.2023 23:54:18

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:48:56

Highest Band Edge / Full RB

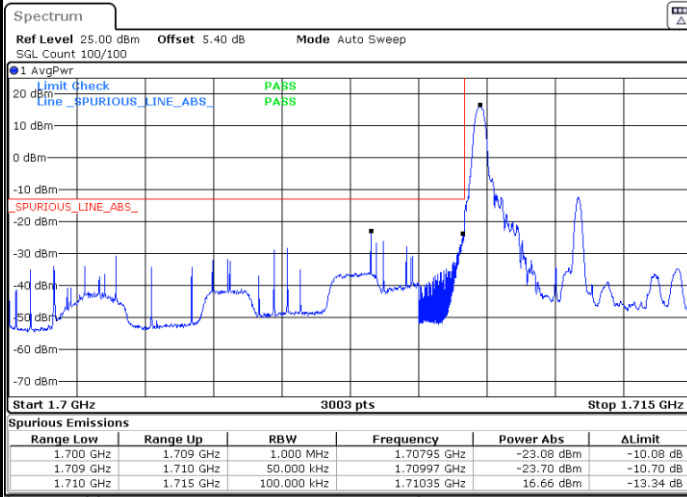


Date: 14.FEB.2023 23:56:59



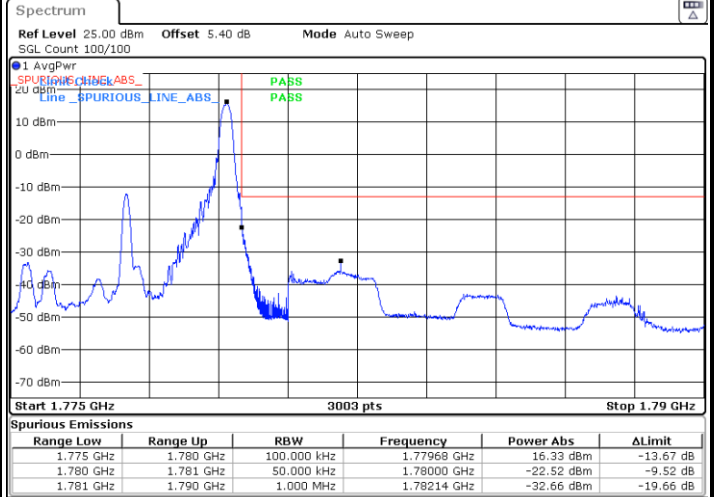
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



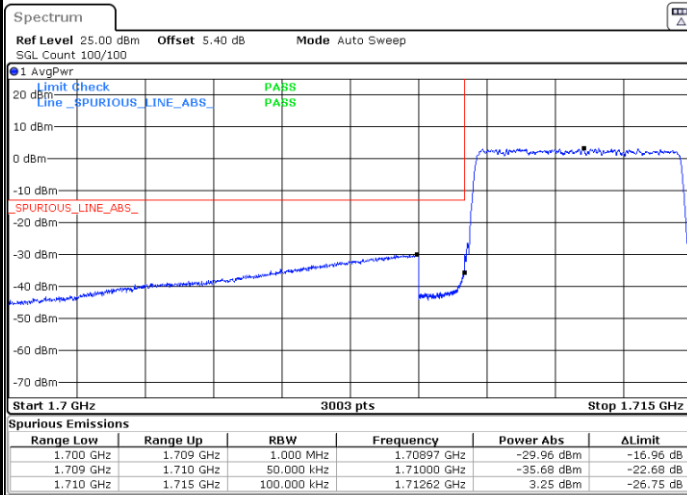
Date: 14.FEB.2023 23:46:55

Highest Band Edge / 1 RB



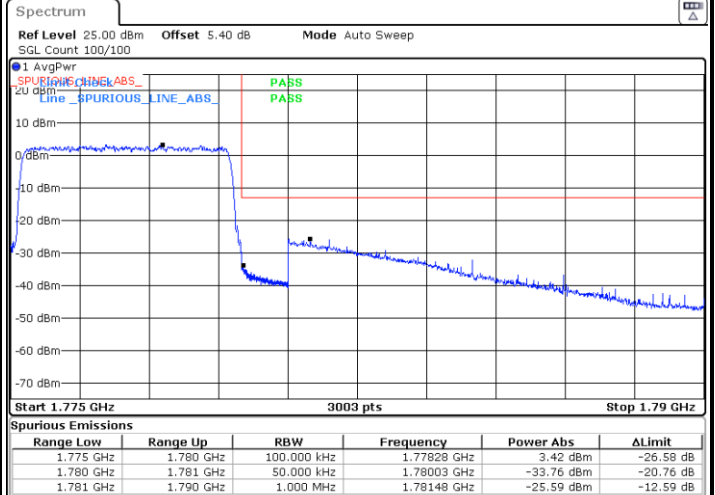
Date: 14.FEB.2023 23:54:59

Lowest Band Edge / Full RB



Date: 14.FEB.2023 23:49:36

Highest Band Edge / Full RB

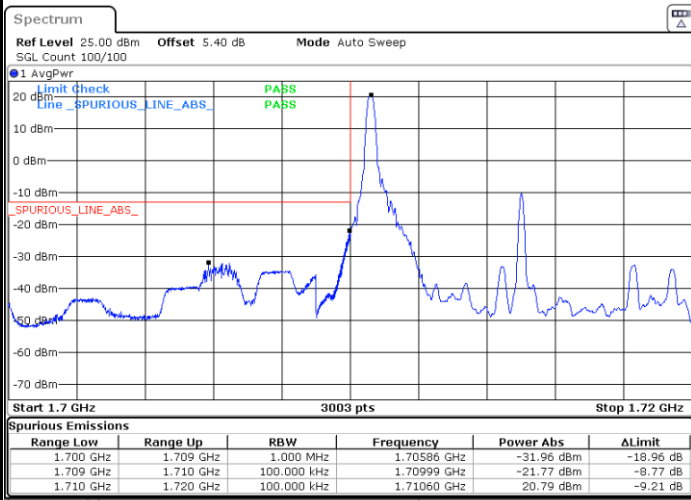


Date: 14.FEB.2023 23:57:40



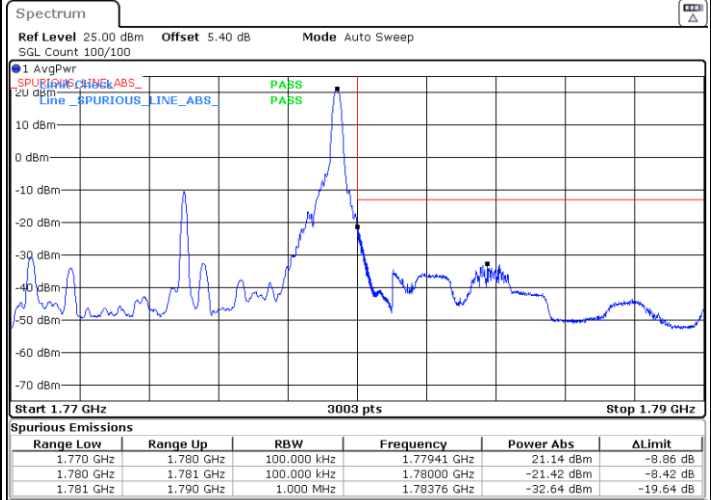
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



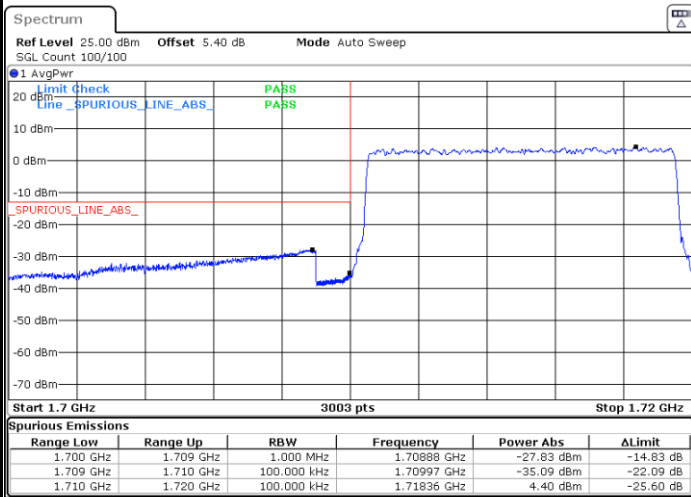
Date: 15.FEB.2023 00:01:46

Highest Band Edge / 1 RB



Date: 15.FEB.2023 00:09:50

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:04:27

Highest Band Edge / Full RB



Date: 15.FEB.2023 00:12:31