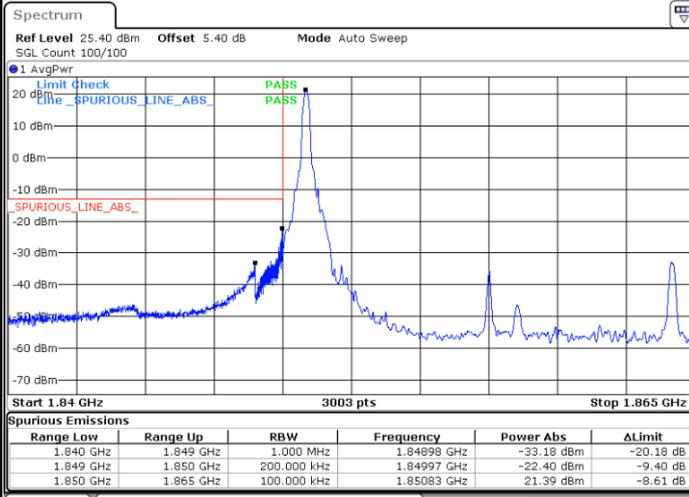




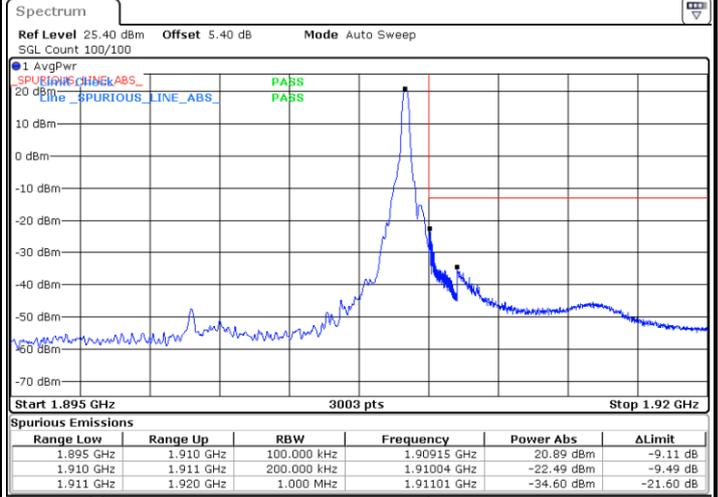
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



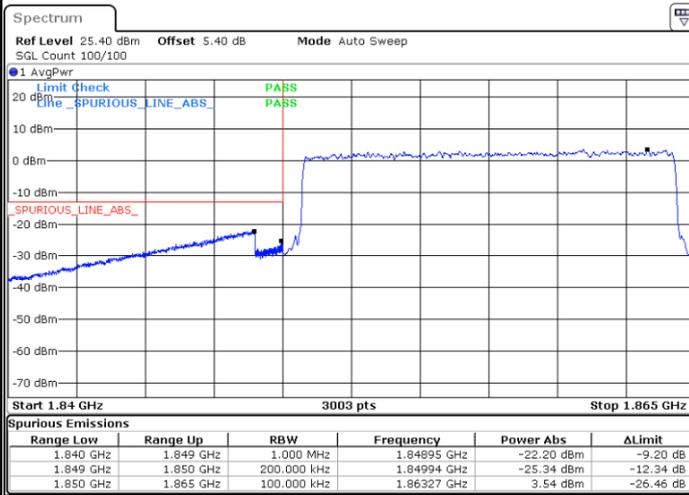
Date: 6.APR.2024 15:39:29

Highest Band Edge / 1 RB



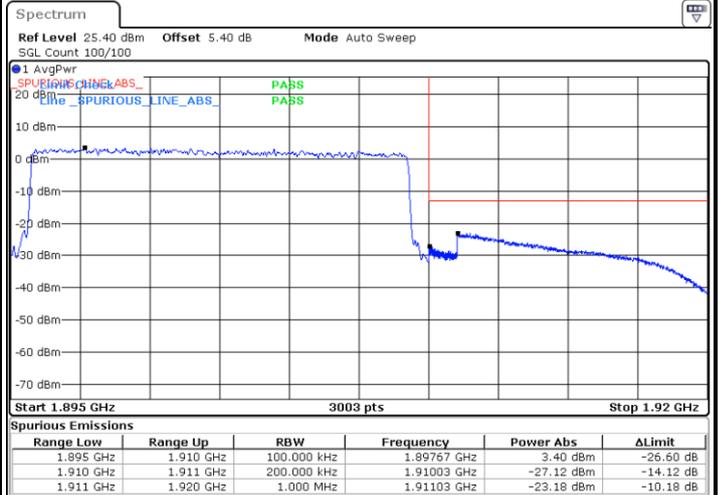
Date: 6.APR.2024 15:48:28

Lowest Band Edge / Full RB



Date: 6.APR.2024 15:42:35

Highest Band Edge / Full RB

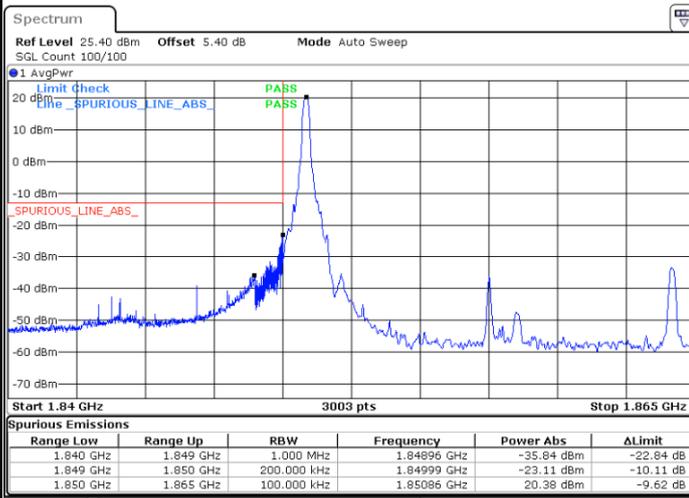


Date: 6.APR.2024 15:51:32

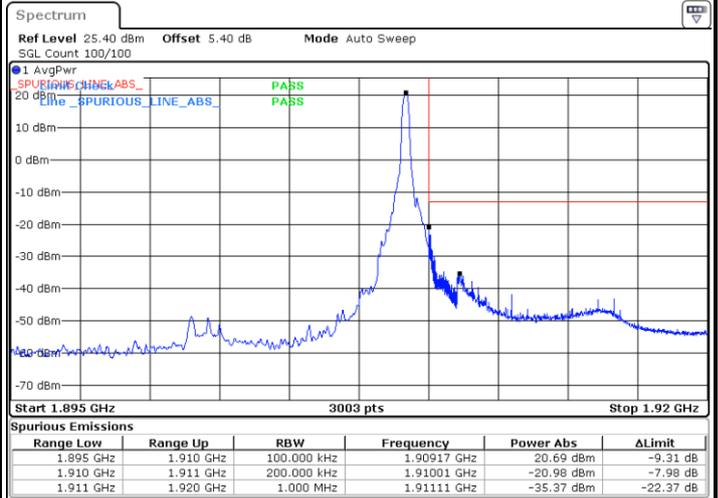


LTE Band 2 / 15MHz / 16QAM

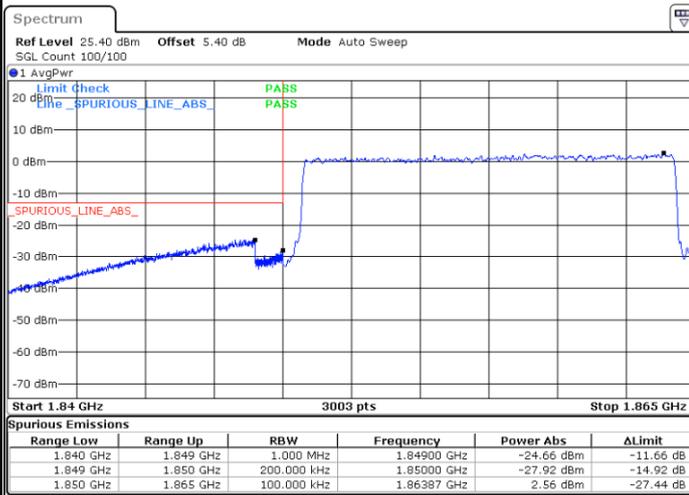
Lowest Band Edge / 1 RB



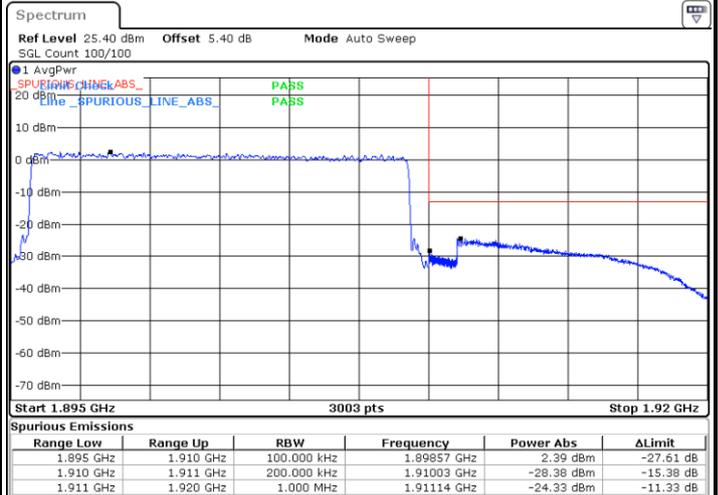
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



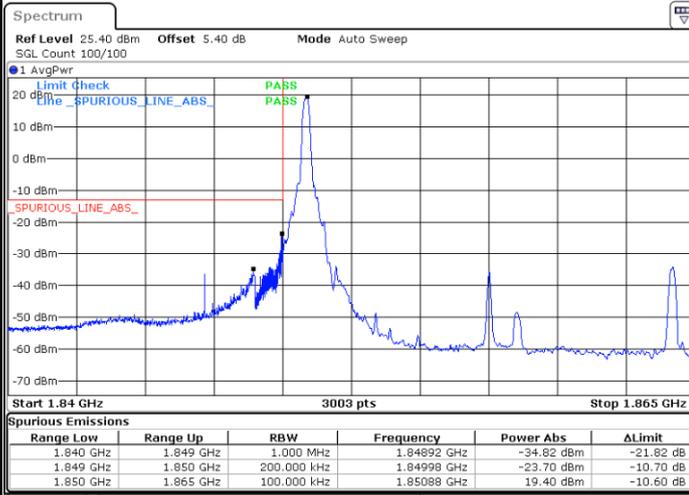
Highest Band Edge / Full RB





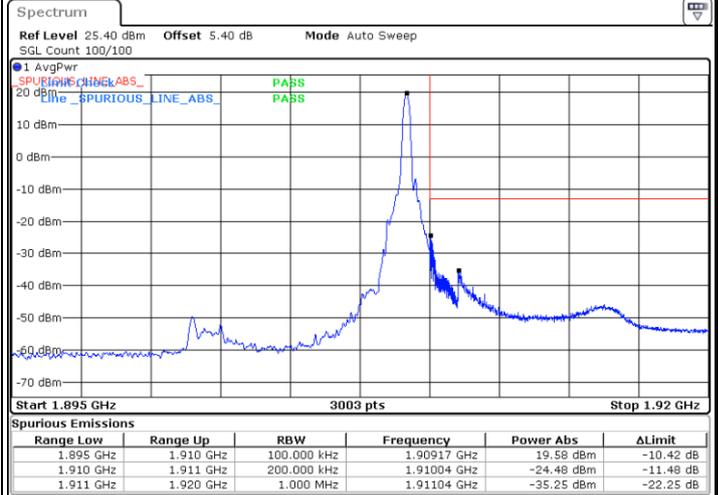
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



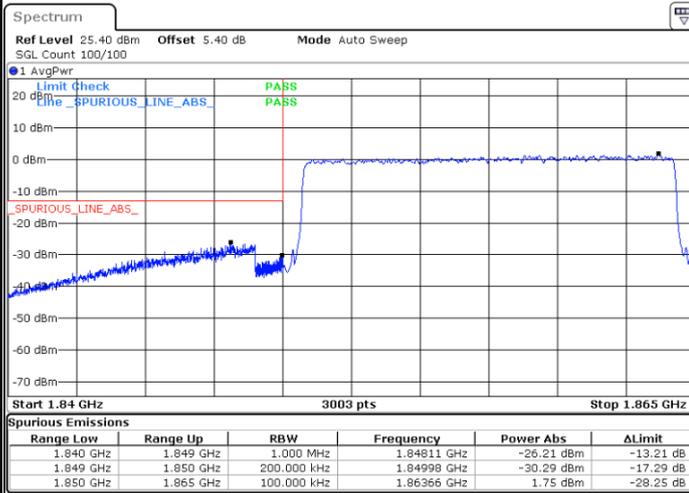
Date: 6.APR.2024 15:41:01

Highest Band Edge / 1 RB



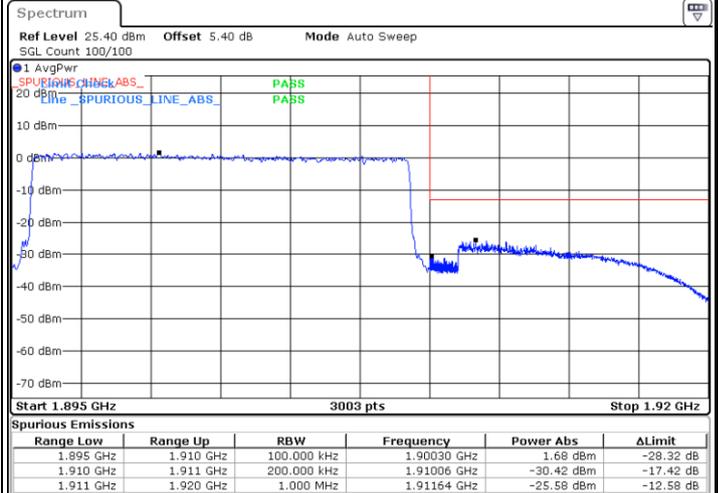
Date: 6.APR.2024 15:50:00

Lowest Band Edge / Full RB



Date: 6.APR.2024 15:44:07

Highest Band Edge / Full RB

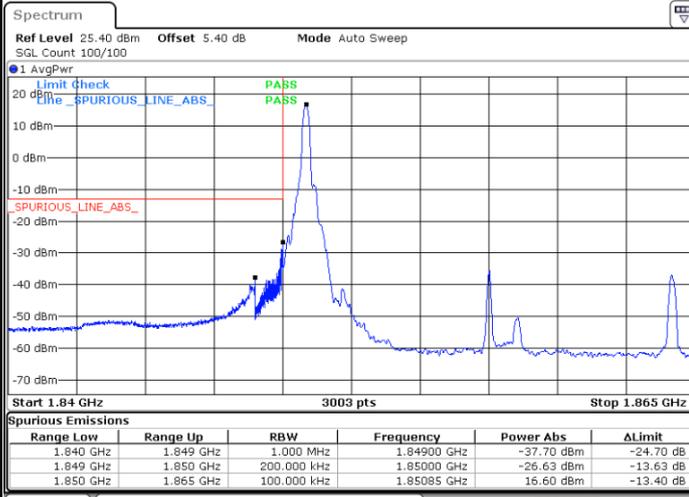


Date: 6.APR.2024 15:53:03



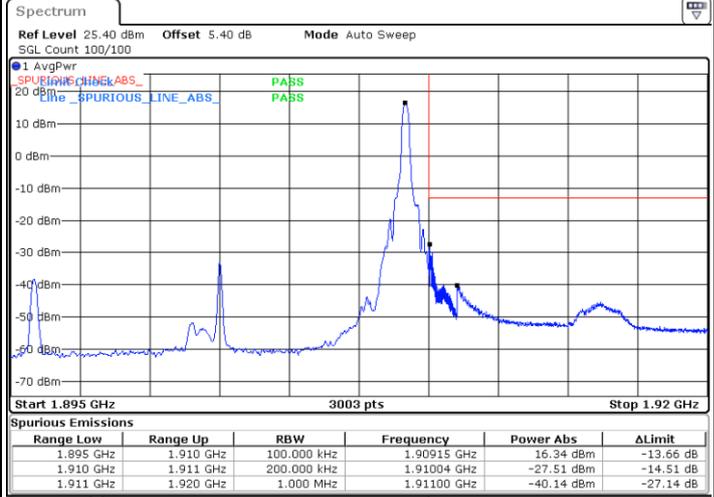
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



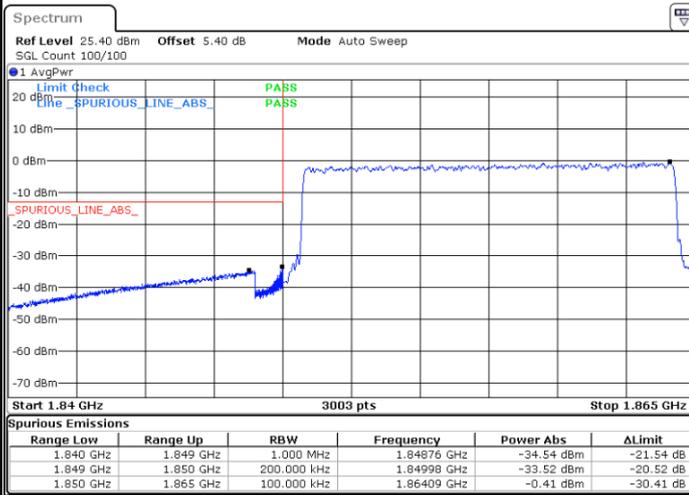
Date: 6.APR.2024 15:41:46

Highest Band Edge / 1 RB



Date: 6.APR.2024 15:50:46

Lowest Band Edge / Full RB



Date: 6.APR.2024 15:44:52

Highest Band Edge / Full RB

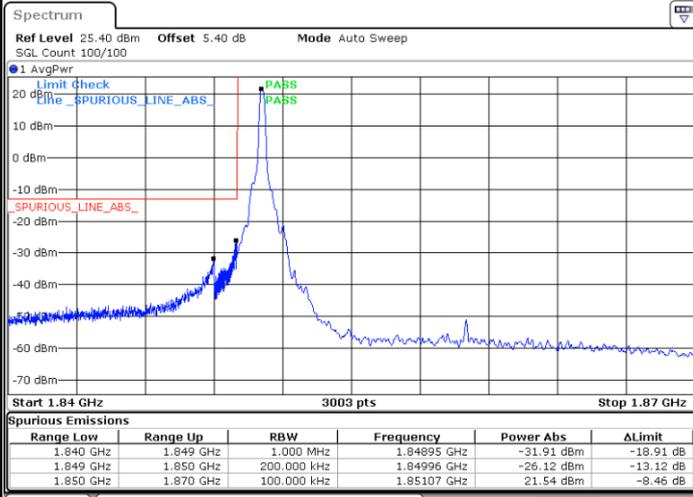


Date: 6.APR.2024 15:53:49



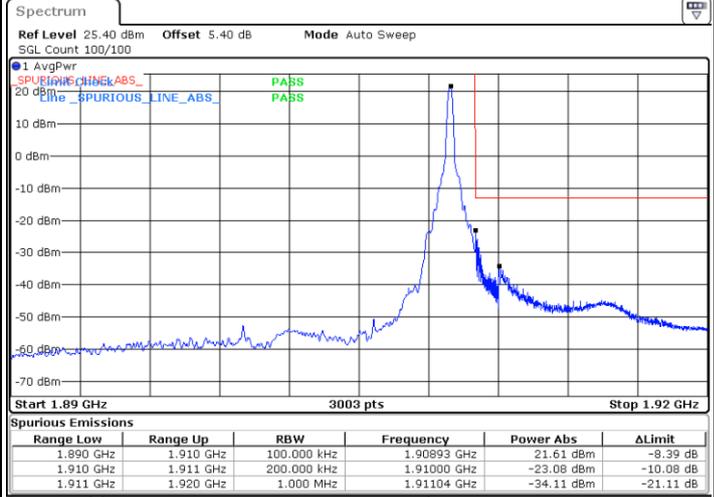
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



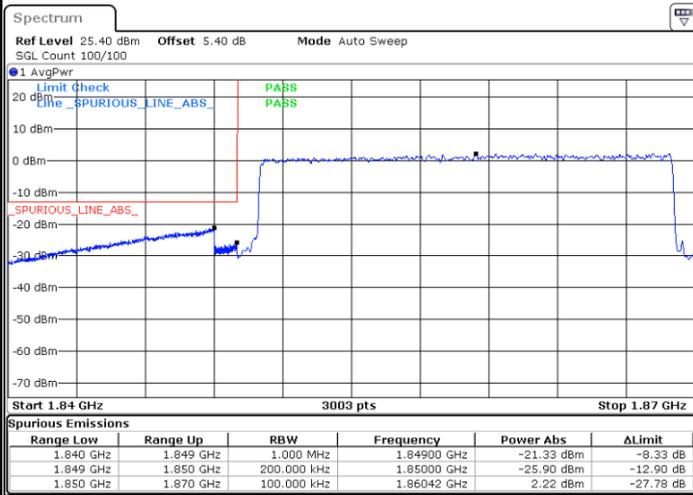
Date: 6.APR.2024 15:56:31

Highest Band Edge / 1 RB



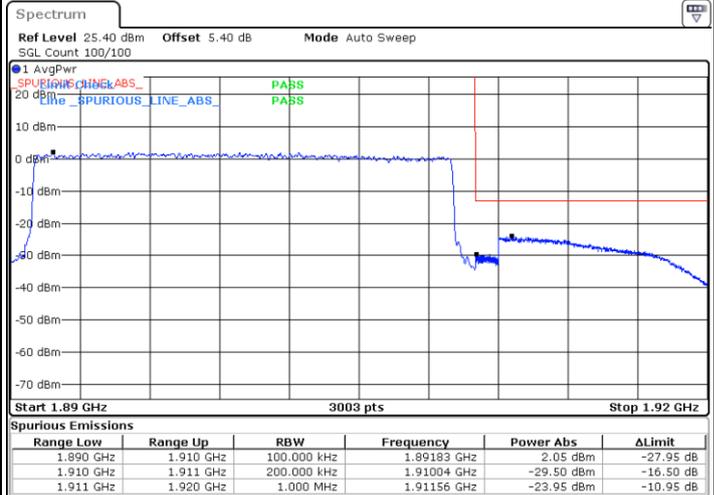
Date: 6.APR.2024 16:05:30

Lowest Band Edge / Full RB



Date: 6.APR.2024 15:59:37

Highest Band Edge / Full RB

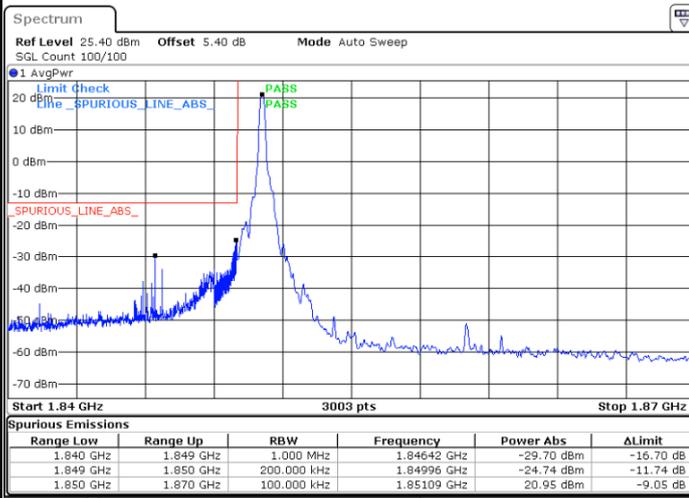


Date: 6.APR.2024 16:08:36



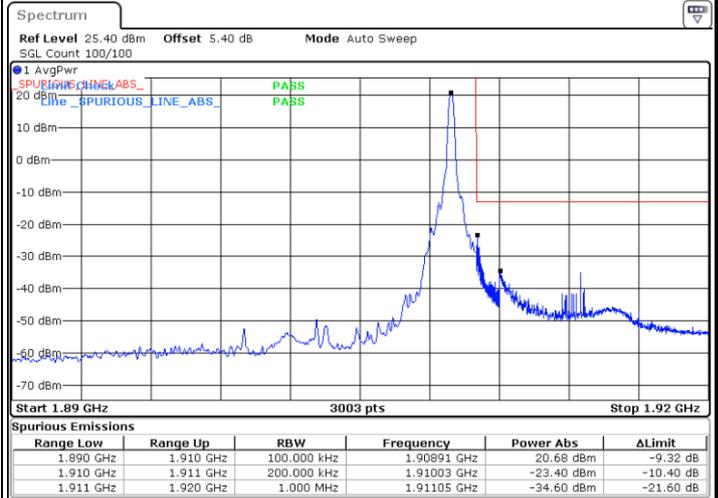
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



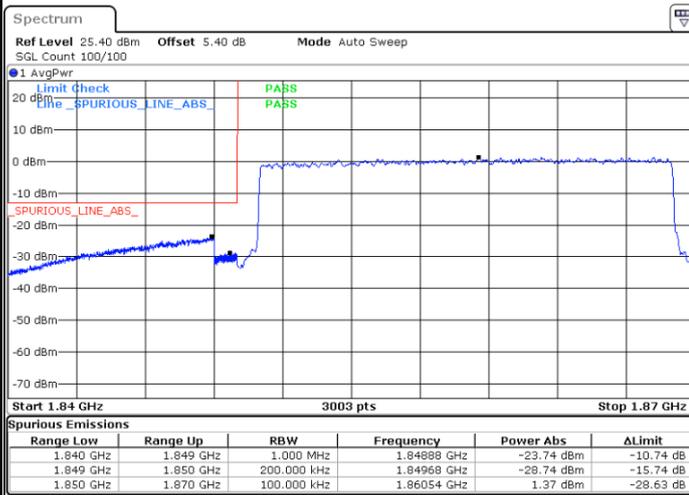
Date: 6.APR.2024 15:57:17

Highest Band Edge / 1 RB



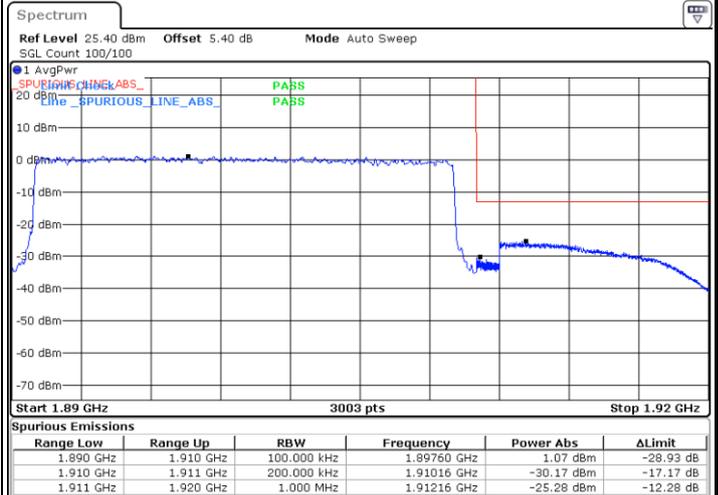
Date: 6.APR.2024 16:06:16

Lowest Band Edge / Full RB



Date: 6.APR.2024 16:00:23

Highest Band Edge / Full RB

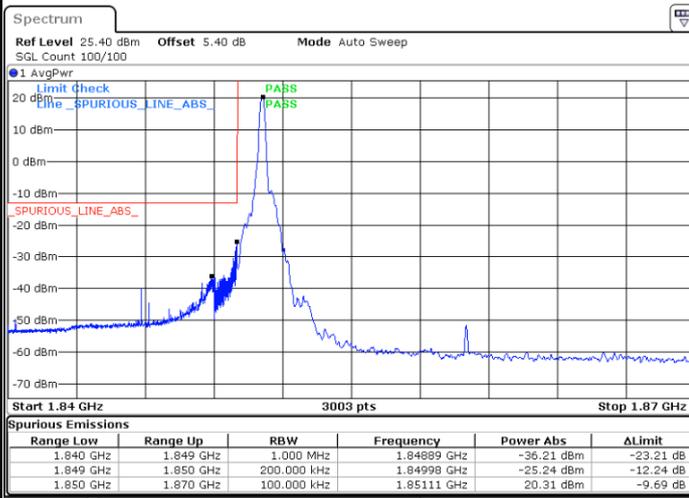


Date: 6.APR.2024 16:09:22



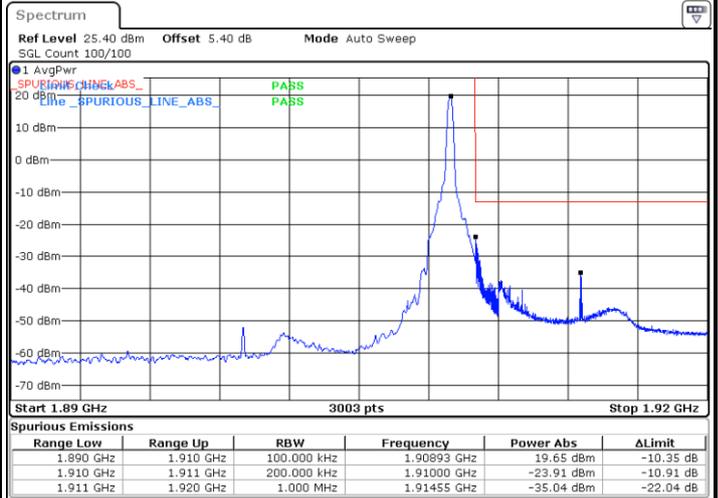
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



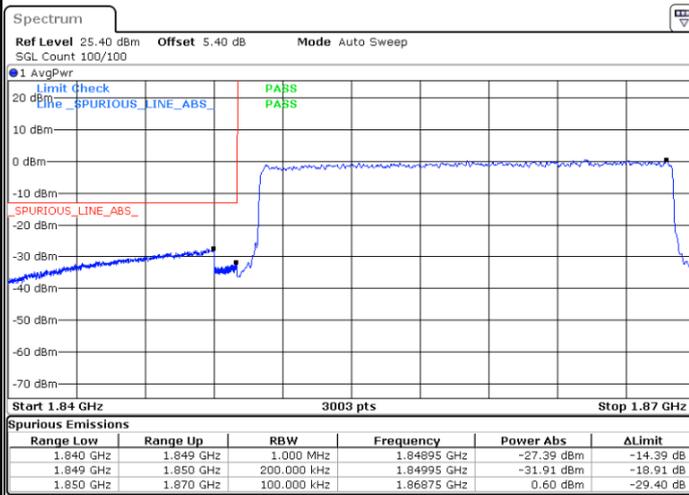
Date: 6.APR.2024 15:58:02

Highest Band Edge / 1 RB



Date: 6.APR.2024 16:07:02

Lowest Band Edge / Full RB



Date: 6.APR.2024 16:01:08

Highest Band Edge / Full RB

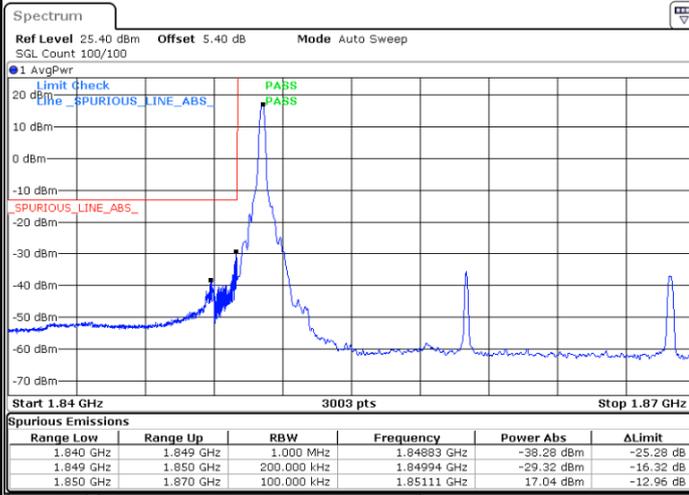


Date: 6.APR.2024 16:10:08



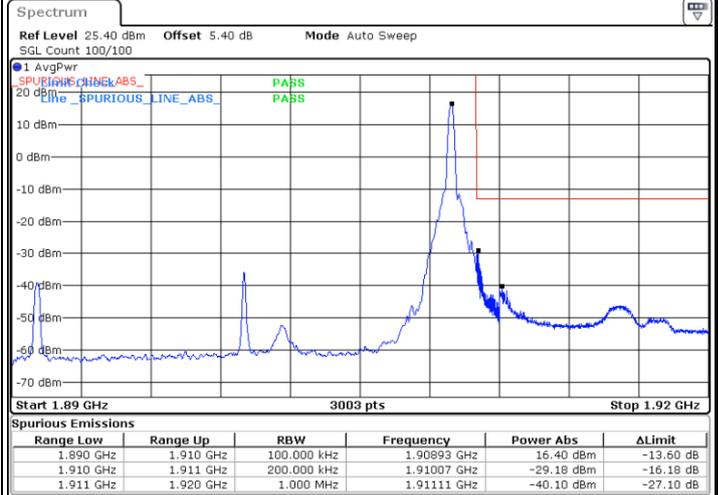
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



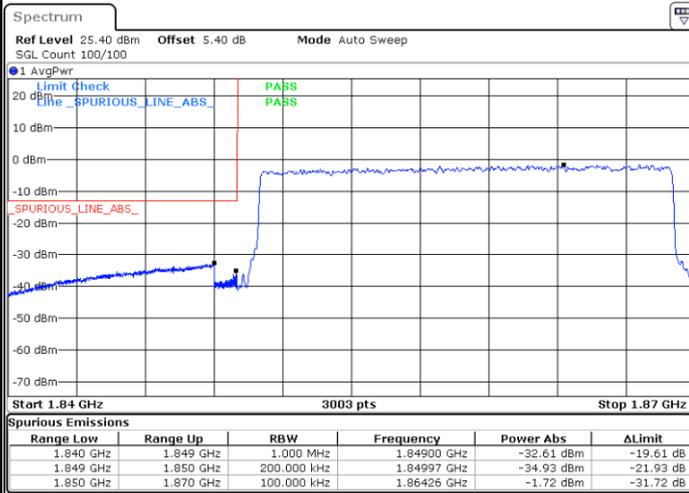
Date: 6.APR.2024 15:58:48

Highest Band Edge / 1 RB



Date: 6.APR.2024 16:07:47

Lowest Band Edge / Full RB



Date: 6.APR.2024 16:01:54

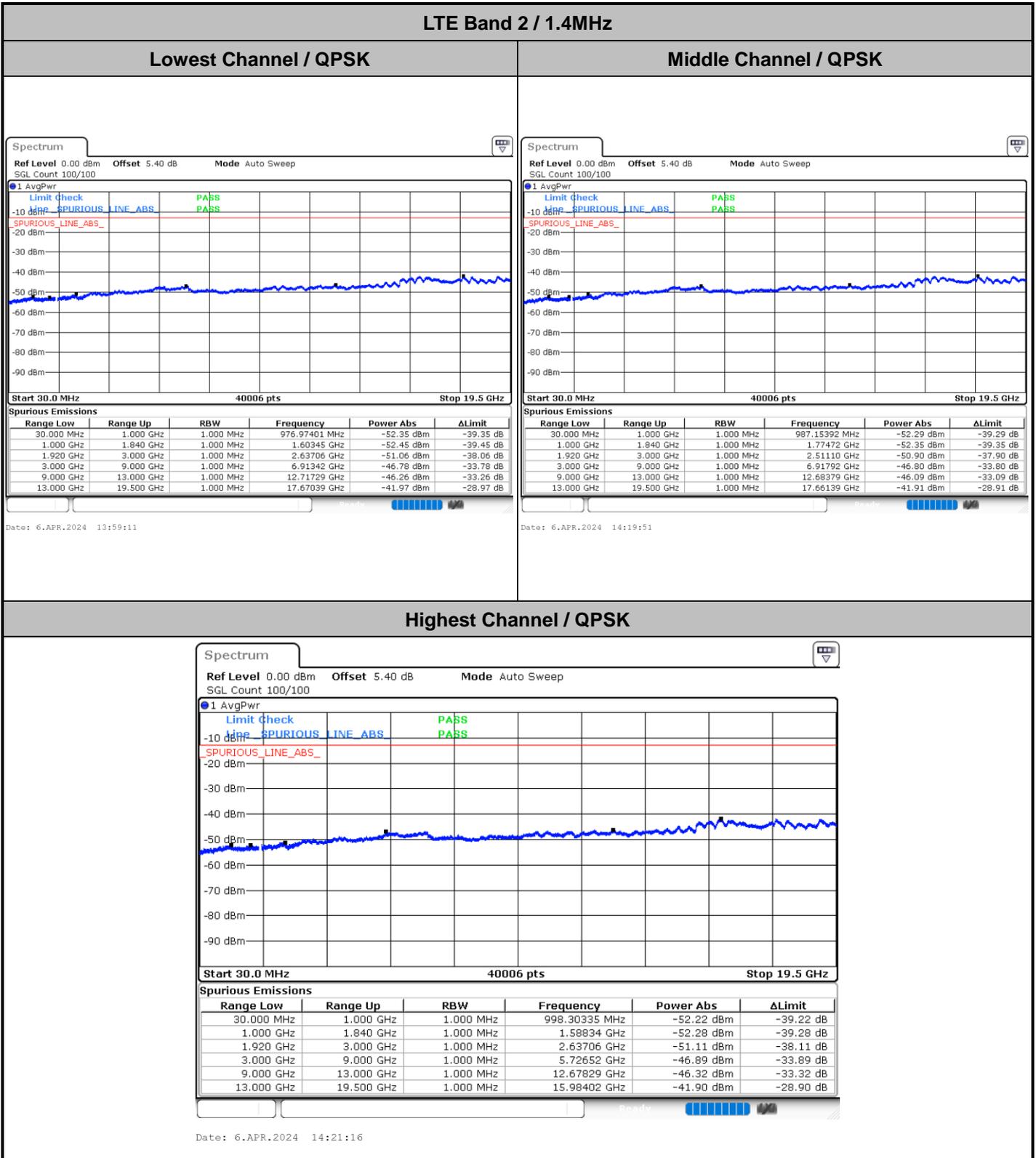
Highest Band Edge / Full RB



Date: 6.APR.2024 16:10:53



Conducted Spurious Emission

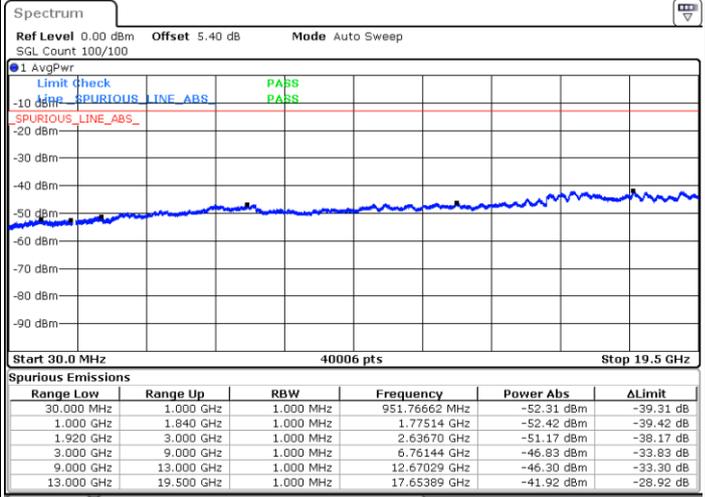
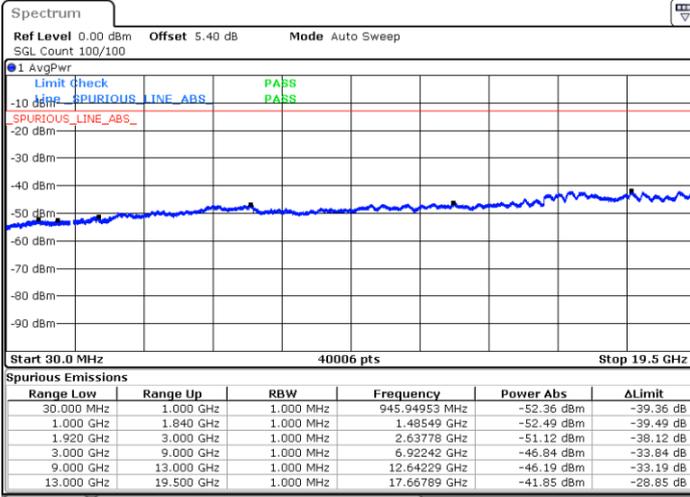




LTE Band 2 / 3MHz

Lowest Channel / QPSK

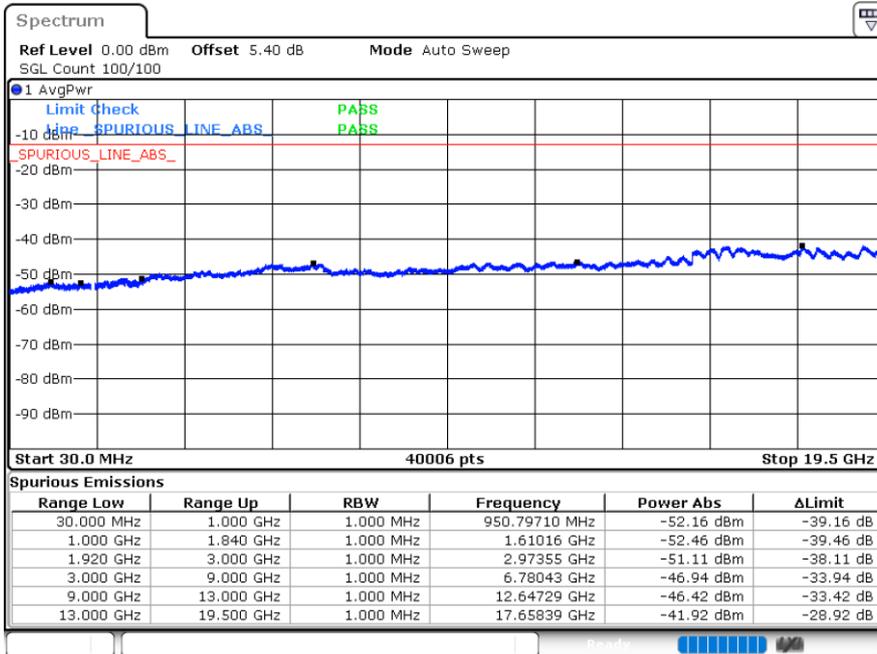
Middle Channel / QPSK



Date: 6.APR.2024 14:42:54

Date: 6.APR.2024 14:55:16

Highest Channel / QPSK



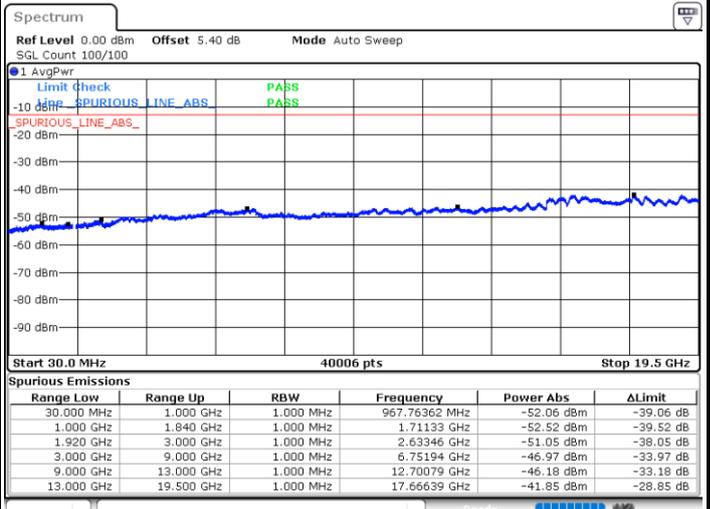
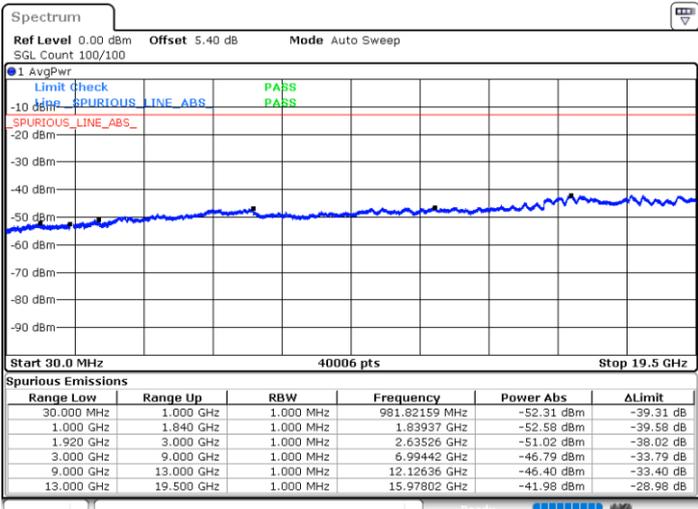
Date: 6.APR.2024 14:56:40



LTE Band 2 / 5MHz

Lowest Channel / QPSK

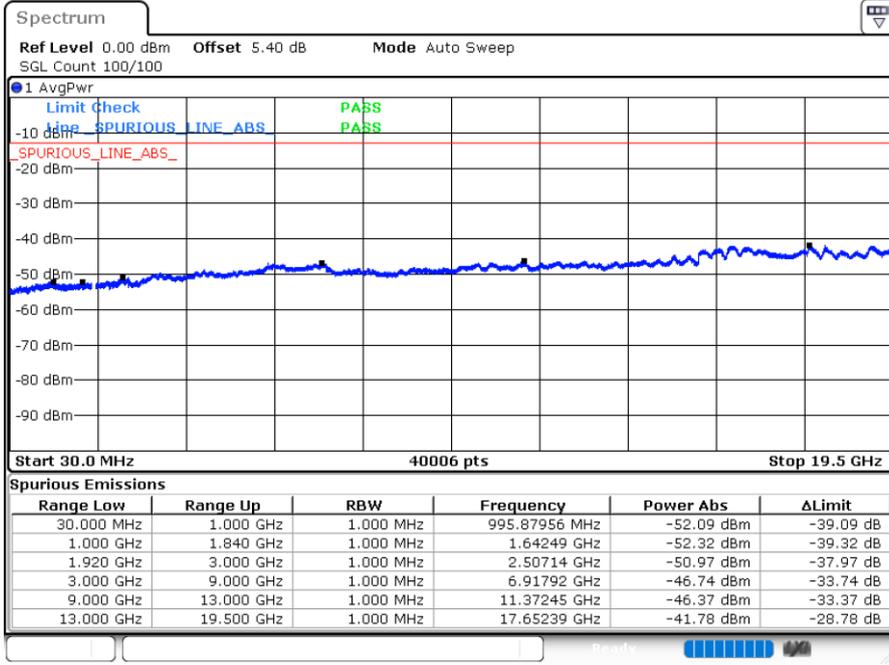
Middle Channel / QPSK



Date: 6.APR.2024 15:04:55

Date: 6.APR.2024 15:12:14

Highest Channel / QPSK



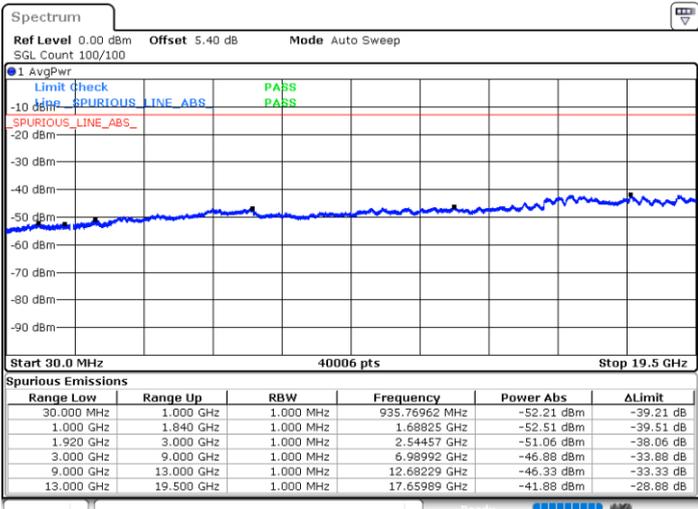
Date: 6.APR.2024 15:13:39



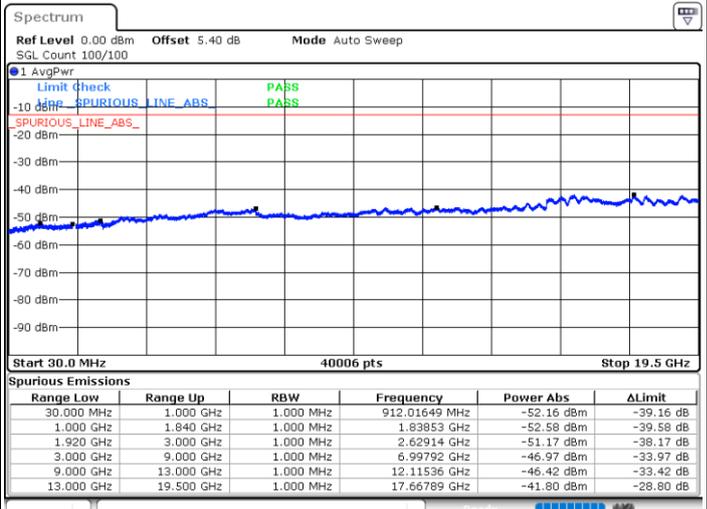
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

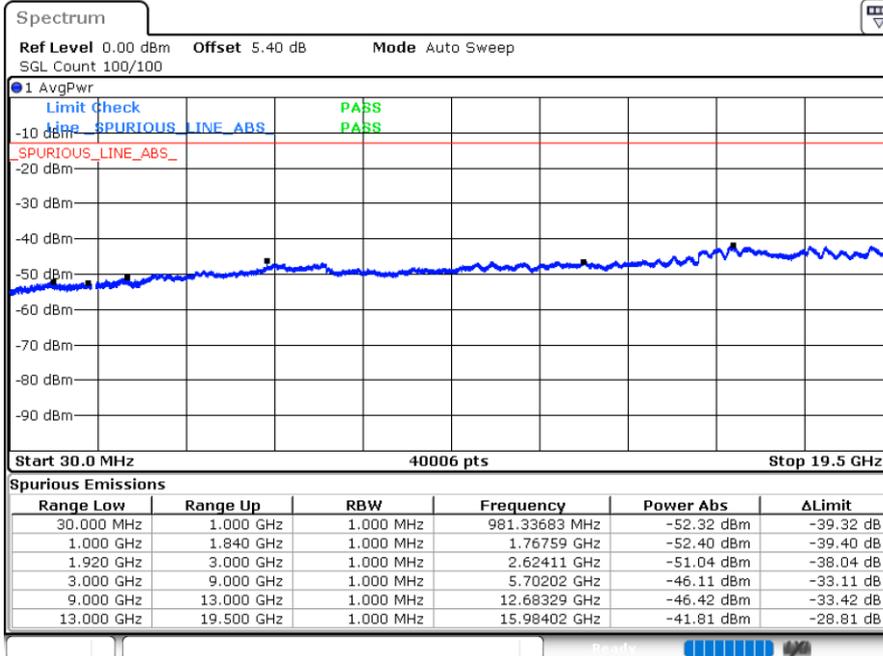


Date: 6.APR.2024 15:21:54



Date: 6.APR.2024 15:29:16

Highest Channel / QPSK



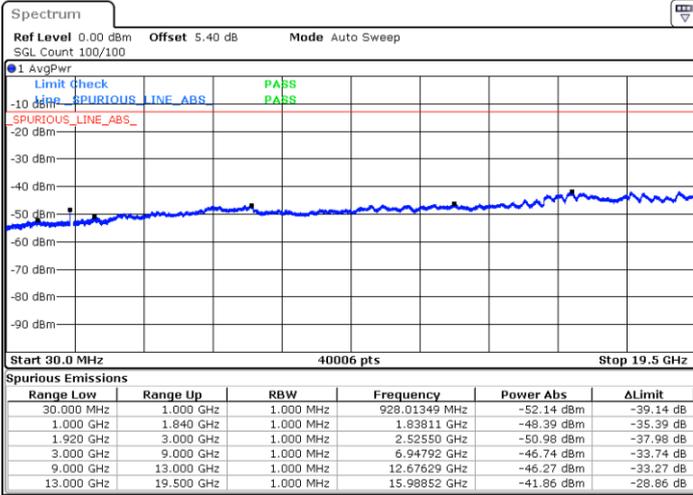
Date: 6.APR.2024 15:30:41



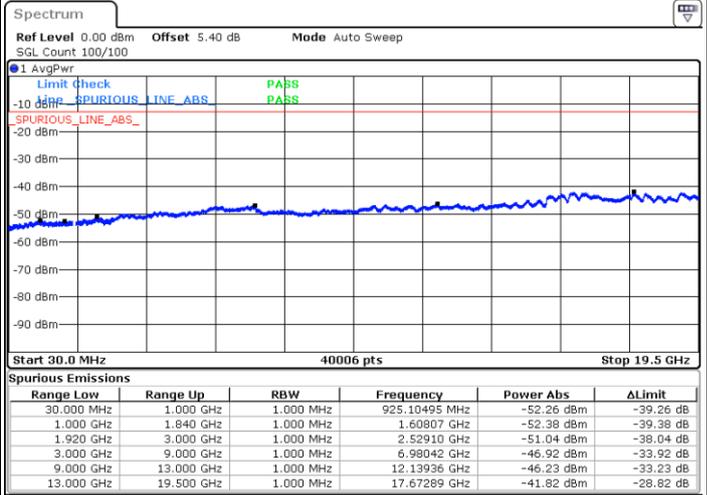
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

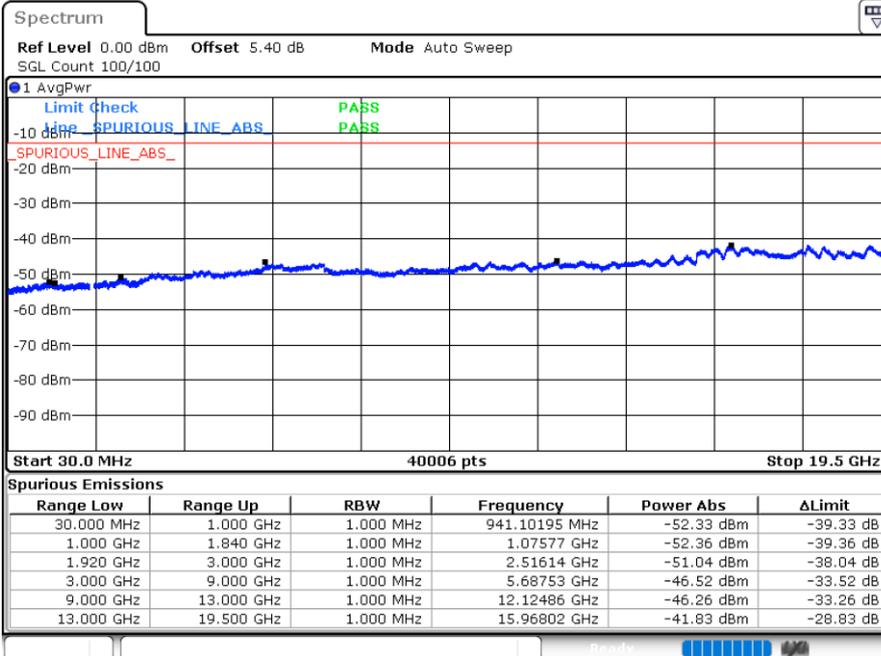


Date: 6.APR.2024 15:38:56



Date: 6.APR.2024 15:46:17

Highest Channel / QPSK



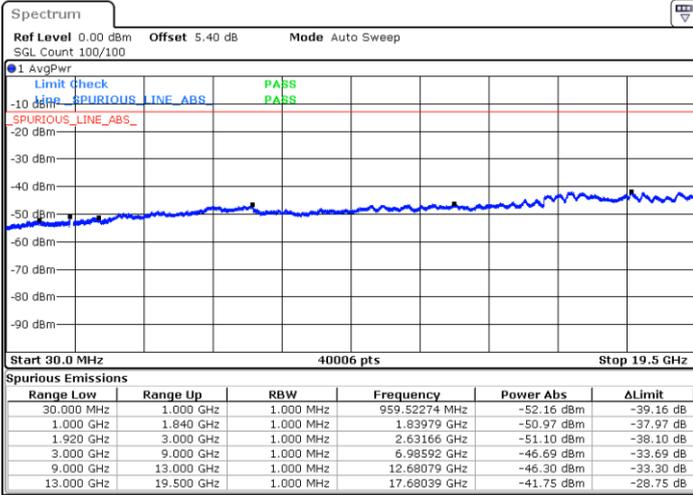
Date: 6.APR.2024 15:47:42



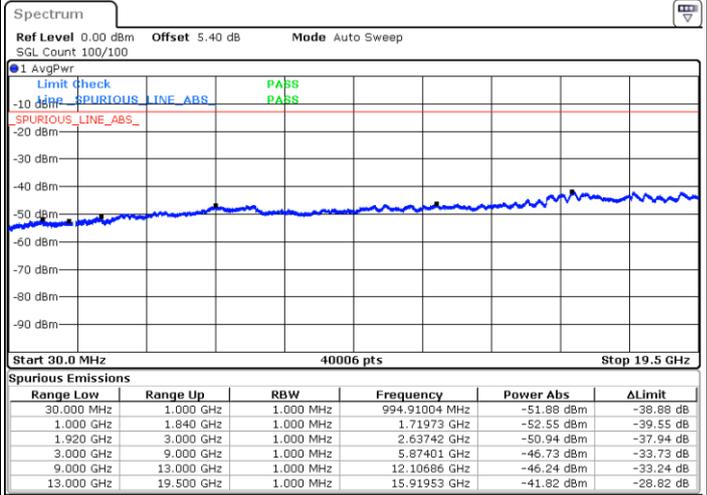
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

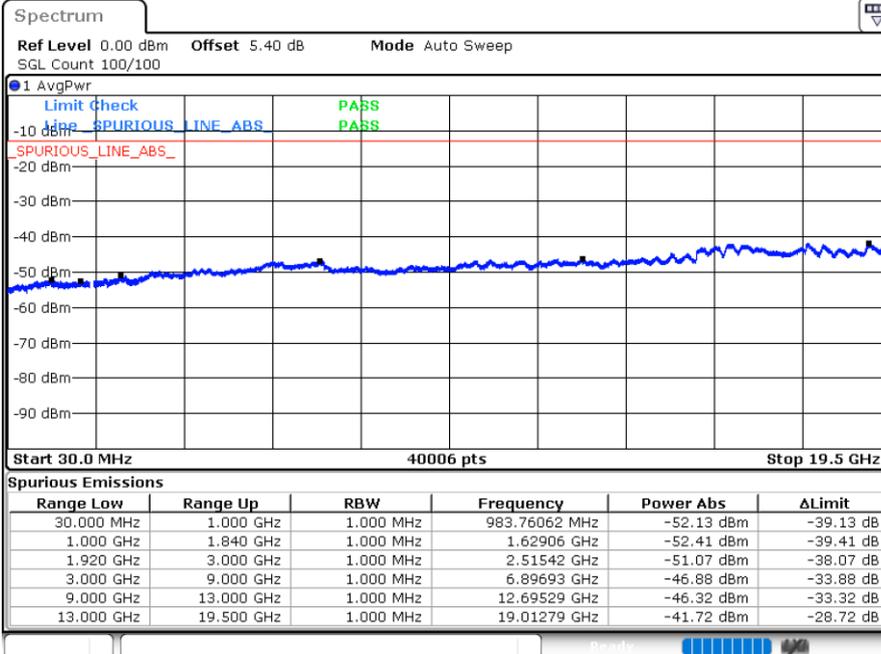


Date: 6.APR.2024 15:55:57



Date: 6.APR.2024 16:03:19

Highest Channel / QPSK



Date: 6.APR.2024 16:04:44



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0009	

Note:

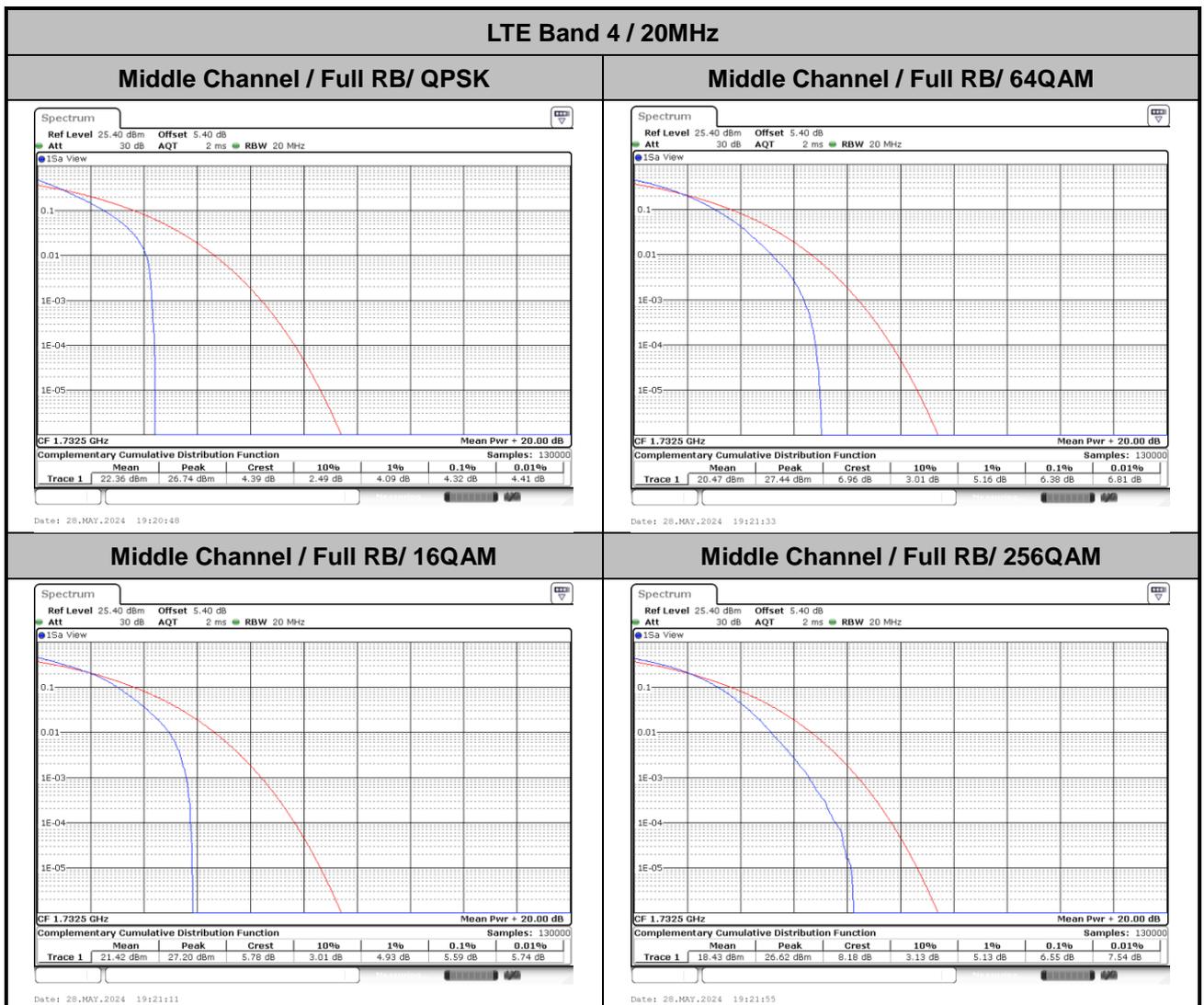
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4 (Other PA)

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.32	5.59	6.38	6.55	PASS





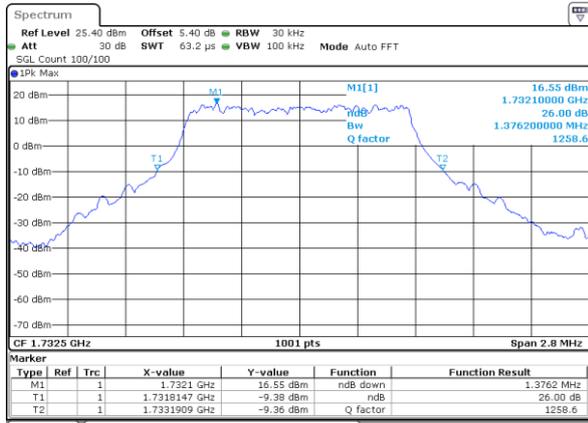
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.38	1.34
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.09	3.09
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.00	4.98
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.01	10.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.69	14.27
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.42	19.18



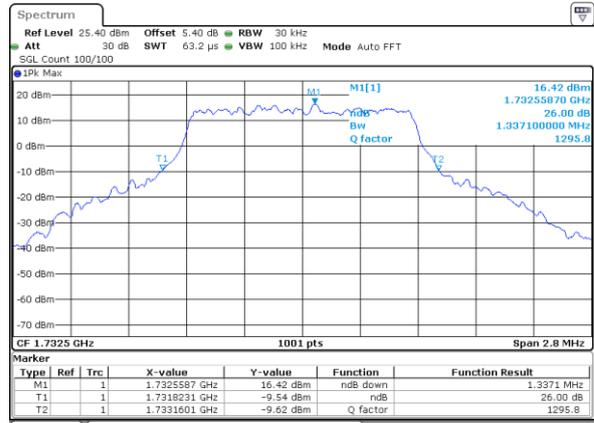
LTE Band 4

Middle Channel / 1.4MHz / QPSK



Date: 28_MAY.2024 19:19:43

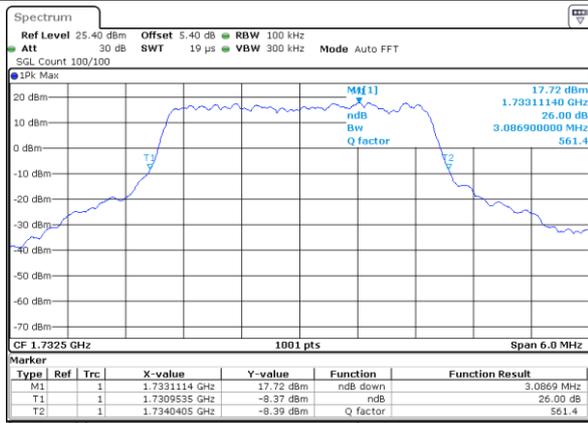
Middle Channel / 1.4MHz / 16QAM



Date: 28_MAY.2024 19:20:04

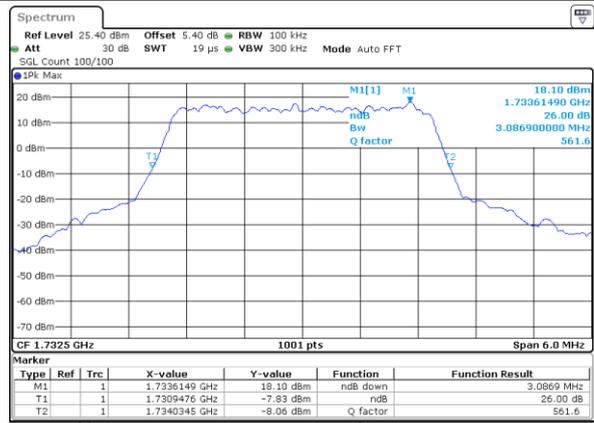
LTE Band 4

Middle Channel / 3MHz / QPSK



Date: 28_MAY.2024 19:16:58

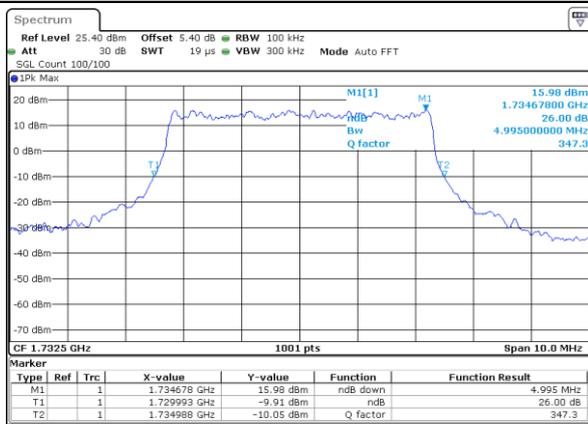
Middle Channel / 3MHz / 16QAM



Date: 28_MAY.2024 19:17:19

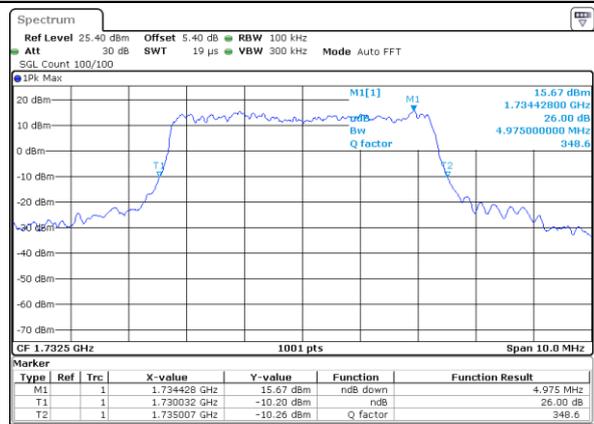
LTE Band 4

Middle Channel / 5MHz / QPSK



Date: 28_MAY.2024 19:12:50

Middle Channel / 5MHz / 16QAM

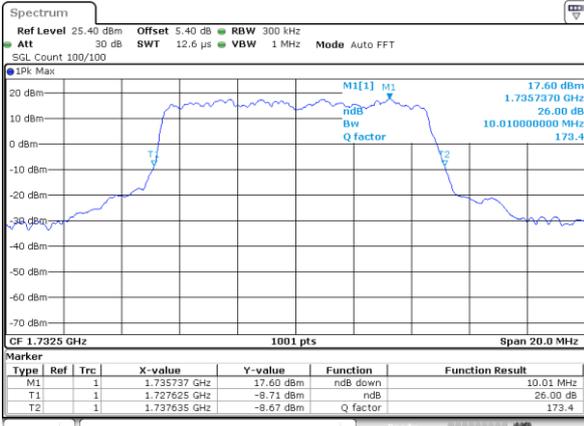


Date: 28_MAY.2024 19:13:11



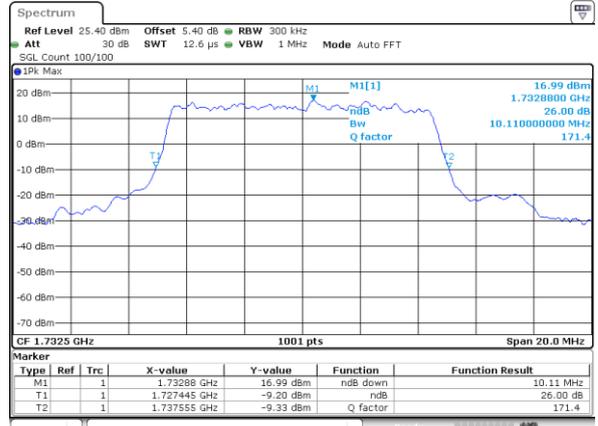
LTE Band 4

Middle Channel / 10MHz / QPSK



Date: 28.MAY.2024 19:11:26

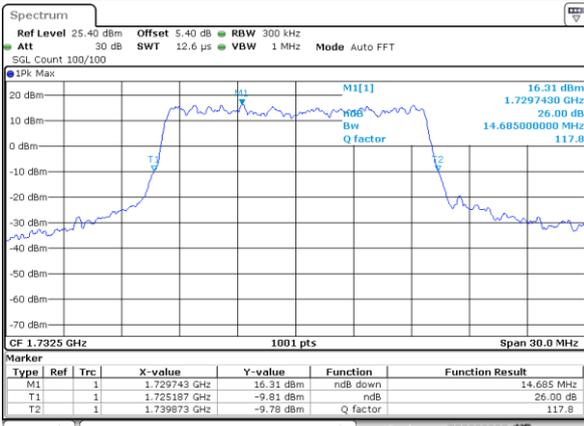
Middle Channel / 10MHz / 16QAM



Date: 28.MAY.2024 19:11:47

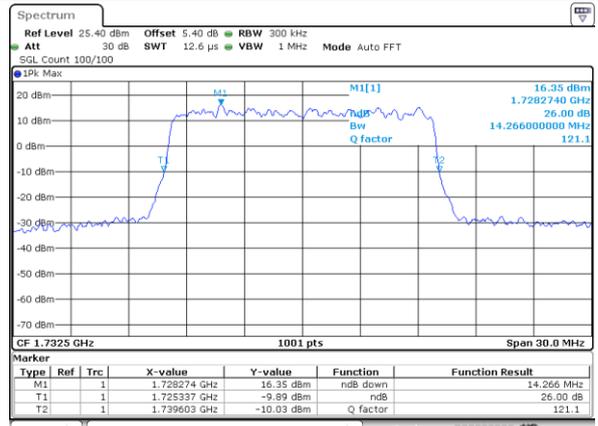
LTE Band 4

Middle Channel / 15MHz / QPSK



Date: 28.MAY.2024 19:10:01

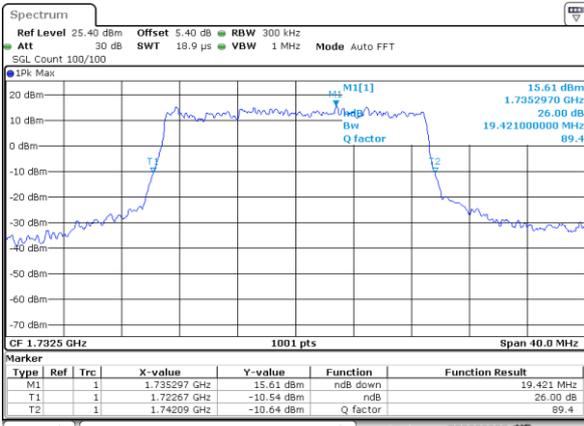
Middle Channel / 15MHz / 16QAM



Date: 28.MAY.2024 19:10:22

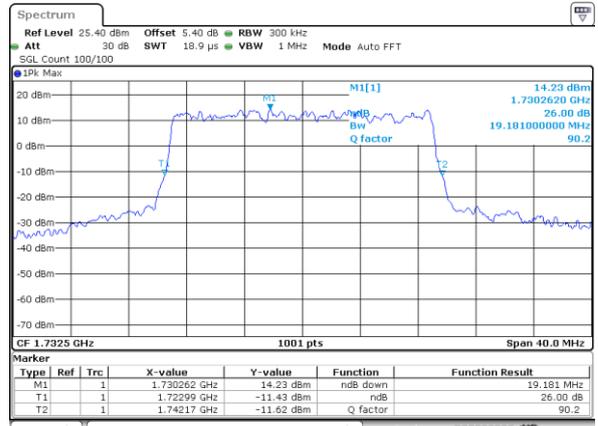
LTE Band 4

Middle Channel / 20MHz / QPSK



Date: 28.MAY.2024 19:08:16

Middle Channel / 20MHz / 16QAM



Date: 28.MAY.2024 19:09:19



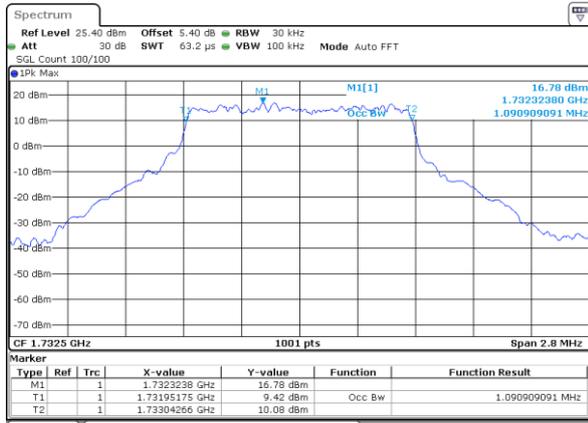
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.52	13.43
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.82



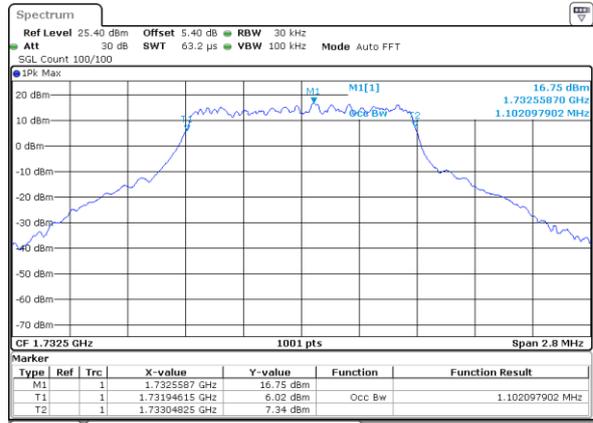
LTE Band 4

Middle Channel / 1.4MHz / QPSK



Date: 28.MAY.2024 19:19:22

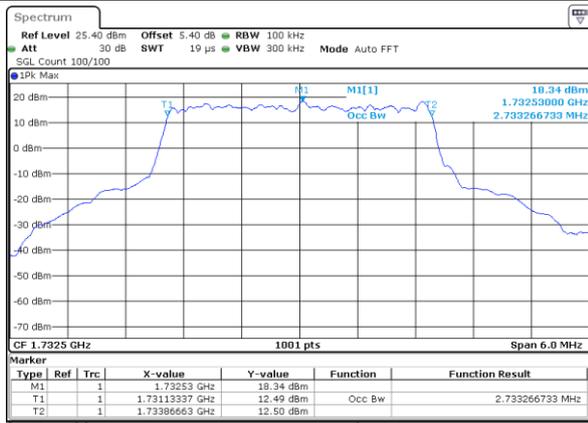
Middle Channel / 1.4MHz / 16QAM



Date: 28.MAY.2024 19:20:25

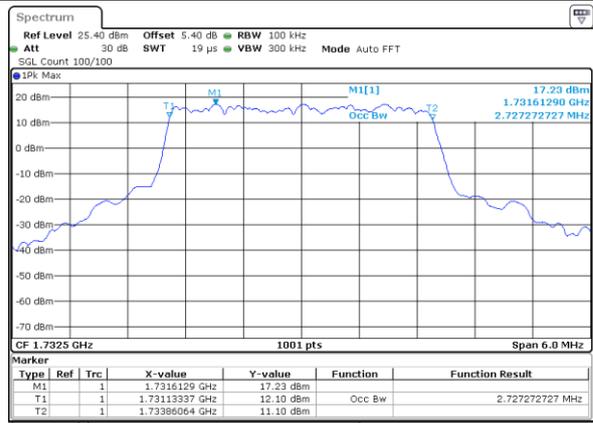
LTE Band 4

Middle Channel / 3MHz / QPSK



Date: 28.MAY.2024 19:16:37

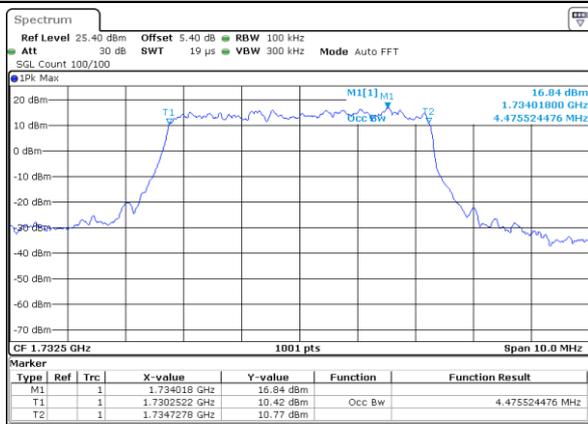
Middle Channel / 3MHz / 16QAM



Date: 28.MAY.2024 19:17:40

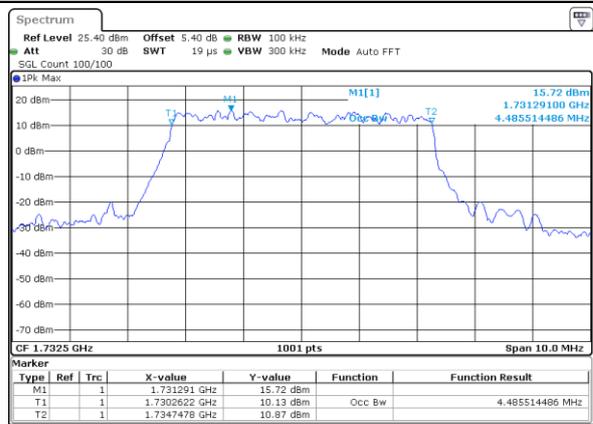
LTE Band 4

Middle Channel / 5MHz / QPSK



Date: 28.MAY.2024 19:12:29

Middle Channel / 5MHz / 16QAM

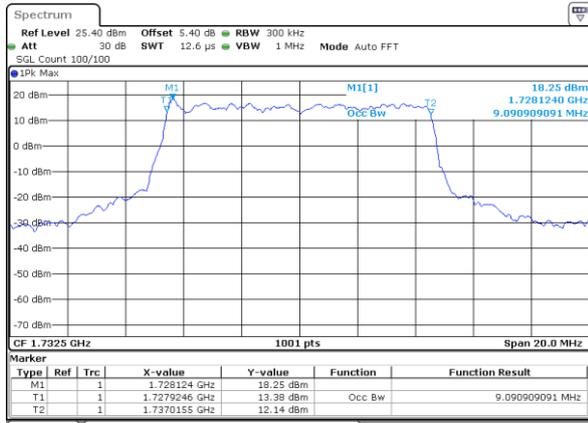


Date: 28.MAY.2024 19:13:32



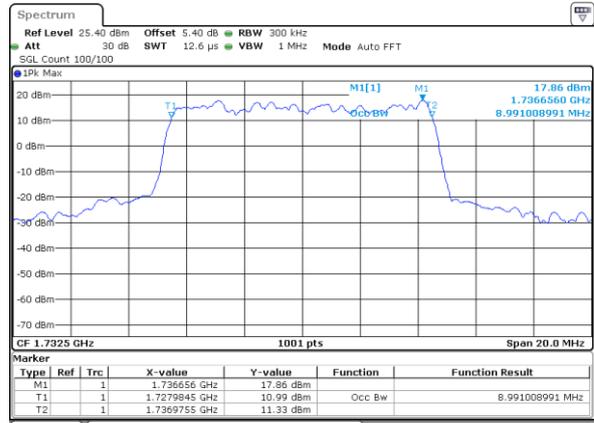
LTE Band 4

Middle Channel / 10MHz / QPSK



Date: 28.MAY.2024 19:11:05

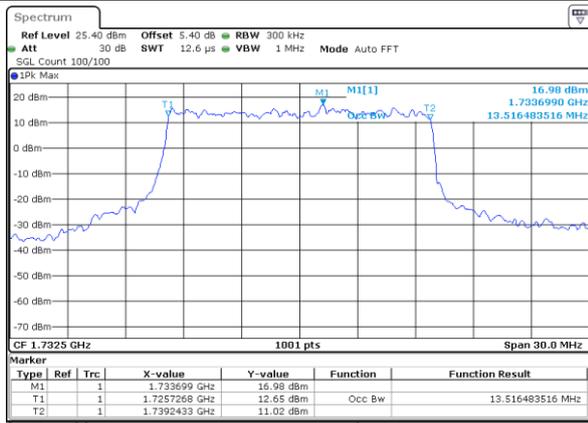
Middle Channel / 10MHz / 16QAM



Date: 28.MAY.2024 19:12:08

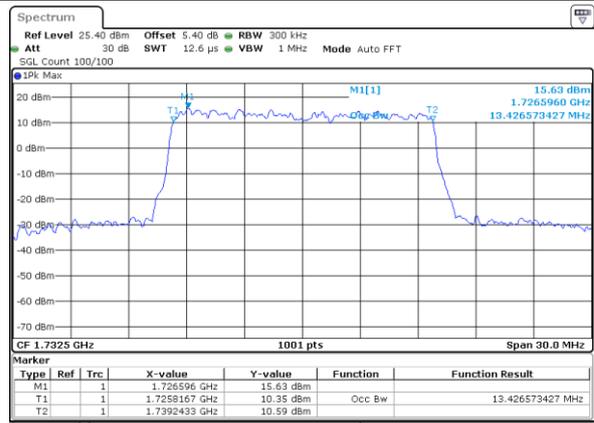
LTE Band 4

Middle Channel / 15MHz / QPSK



Date: 28.MAY.2024 19:09:40

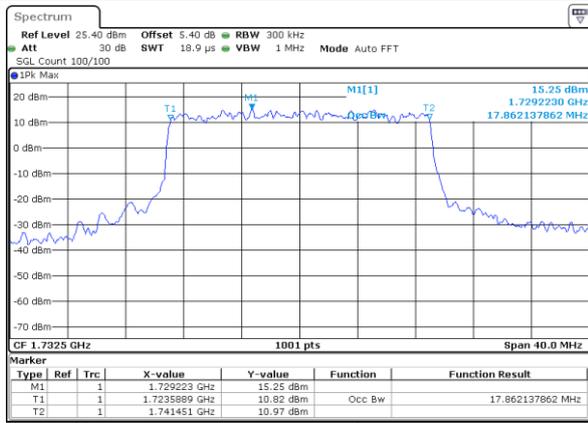
Middle Channel / 15MHz / 16QAM



Date: 28.MAY.2024 19:10:43

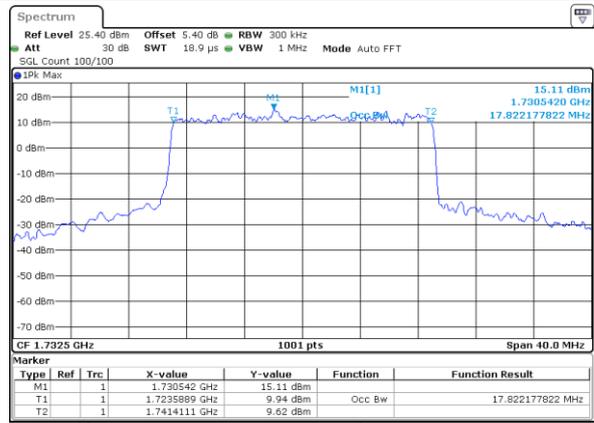
LTE Band 4

Middle Channel / 20MHz / QPSK



Date: 28.MAY.2024 19:08:37

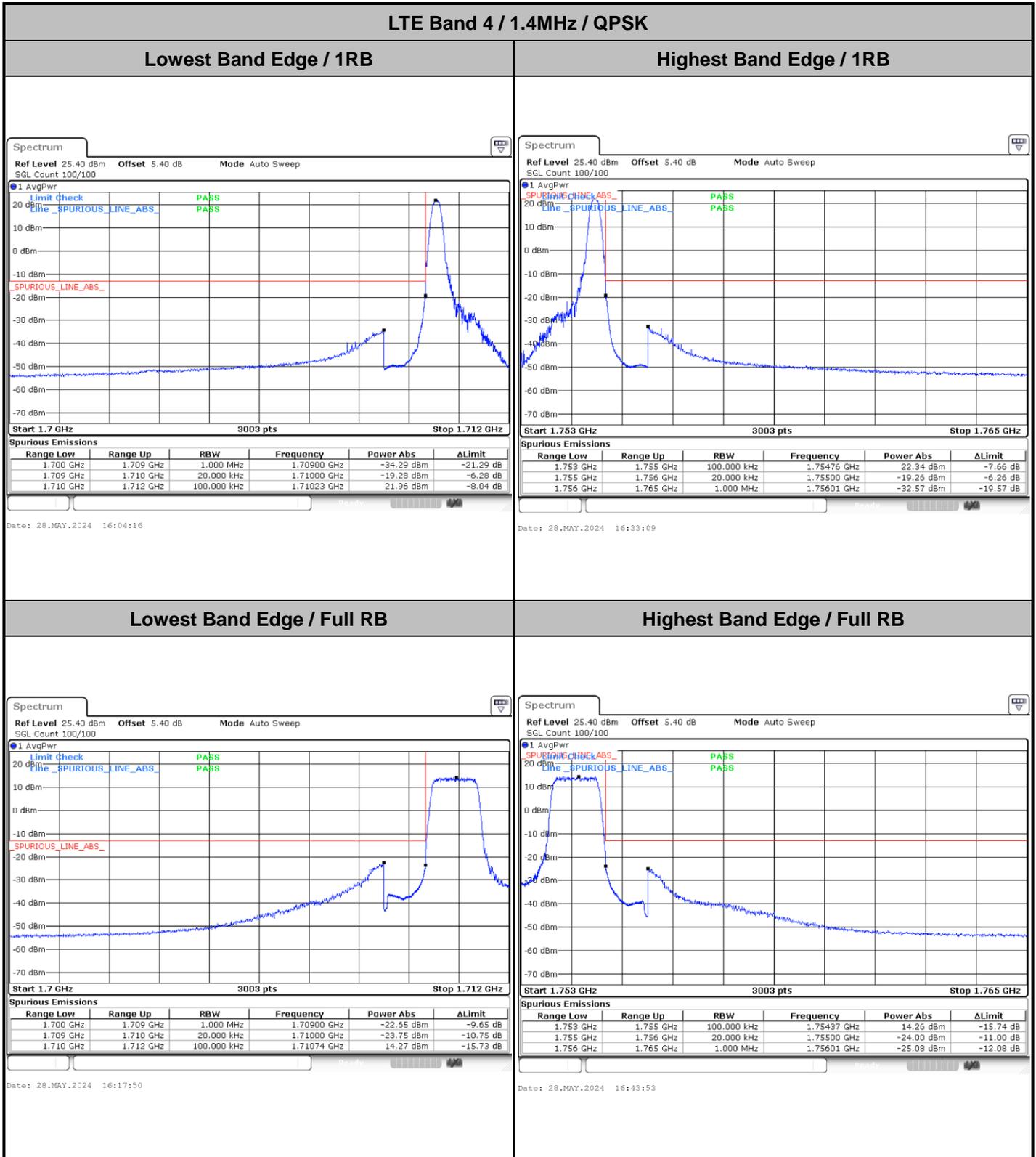
Middle Channel / 20MHz / 16QAM



Date: 28.MAY.2024 19:08:58



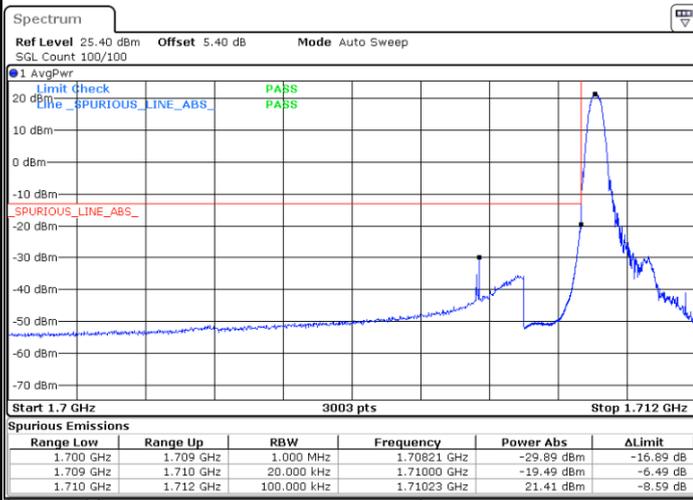
Conducted Band Edge





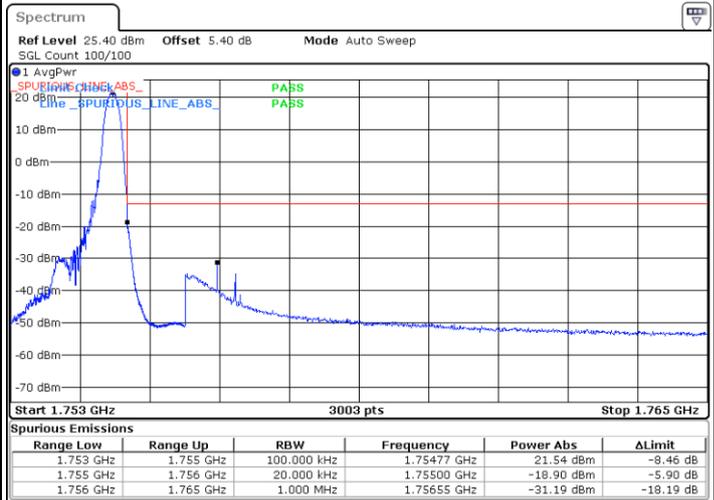
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



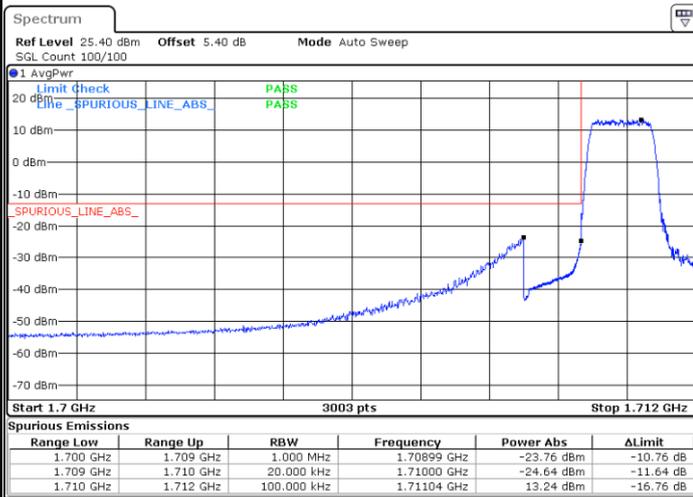
Date: 28.MAY.2024 16:06:16

Highest Band Edge / 1 RB



Date: 28.MAY.2024 16:35:10

Lowest Band Edge / Full RB



Date: 28.MAY.2024 16:19:50

Highest Band Edge / Full RB

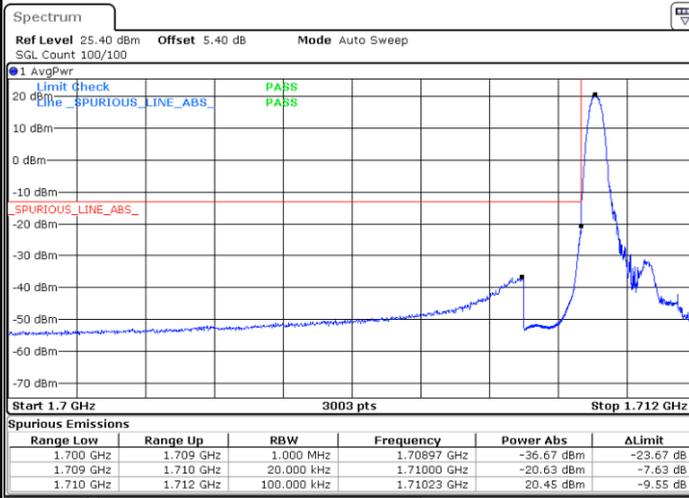


Date: 28.MAY.2024 16:45:54



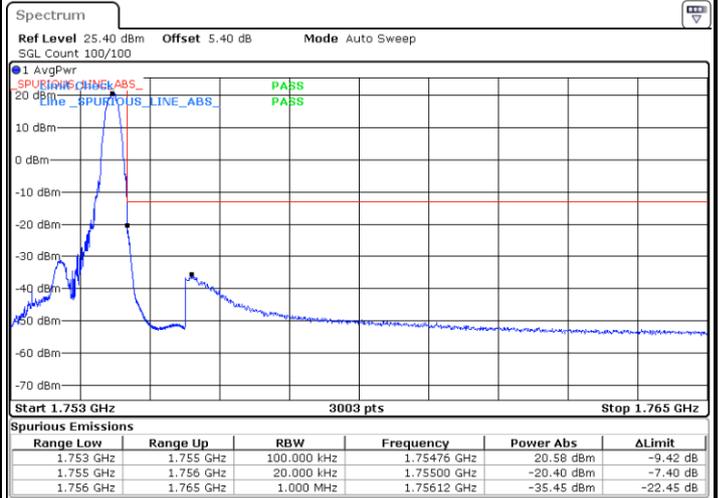
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



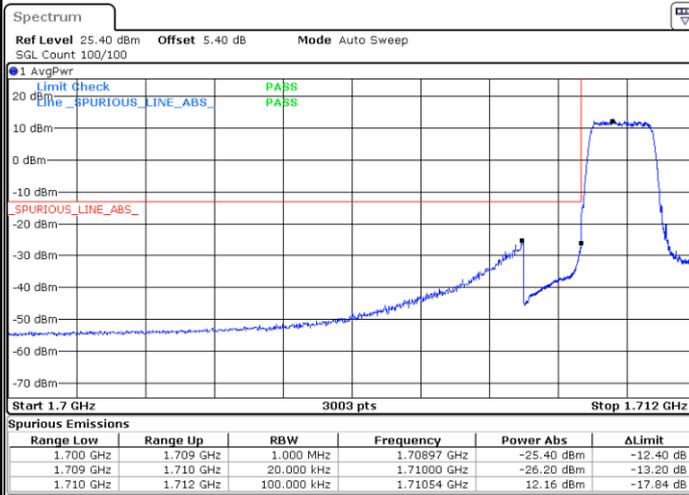
Date: 28.MAY.2024 16:08:28

Highest Band Edge / 1 RB



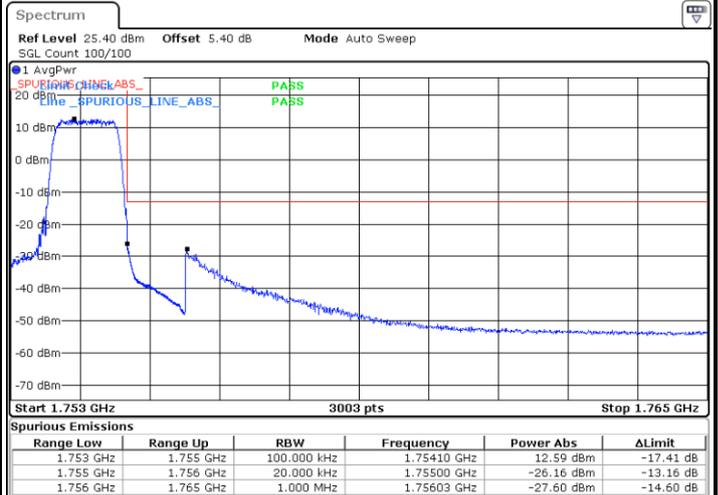
Date: 28.MAY.2024 16:37:10

Lowest Band Edge / Full RB



Date: 28.MAY.2024 16:21:50

Highest Band Edge / Full RB

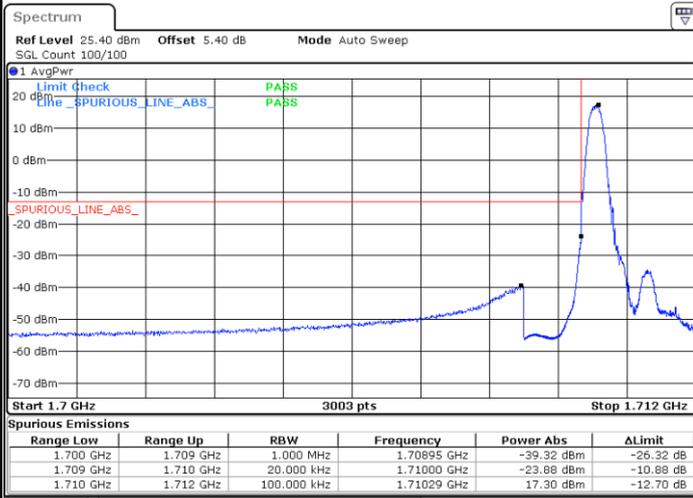


Date: 28.MAY.2024 16:47:54



LTE Band 4 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



Date: 28.MAY.2024 16:10:38

Highest Band Edge / 1 RB



Date: 28.MAY.2024 19:28:49

Lowest Band Edge / Full RB



Date: 28.MAY.2024 16:23:51

Highest Band Edge / Full RB

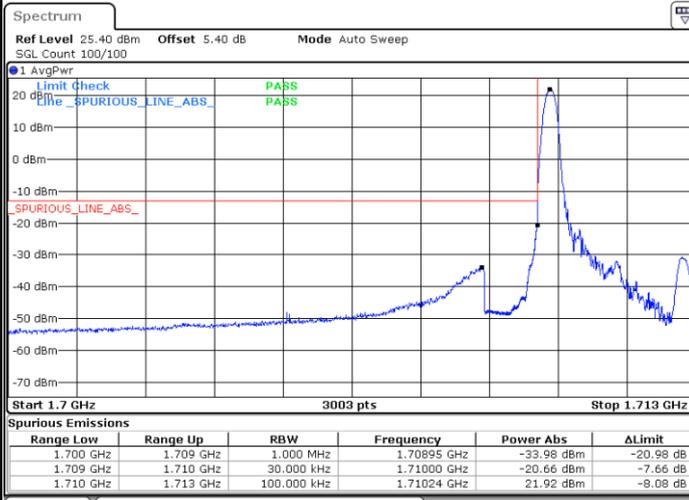


Date: 28.MAY.2024 16:49:54



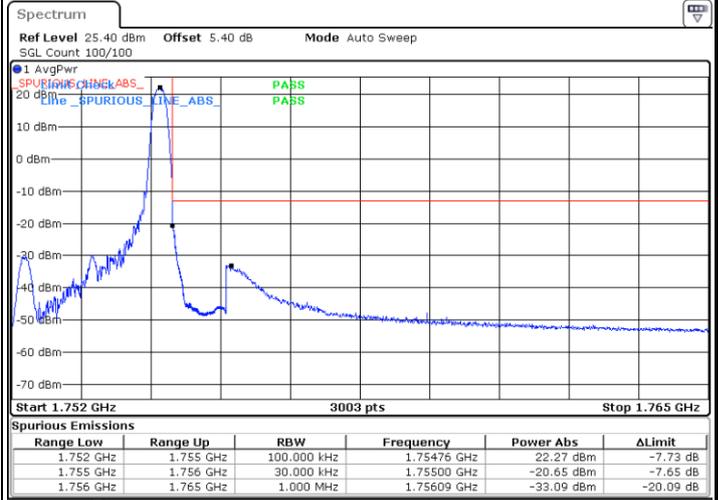
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



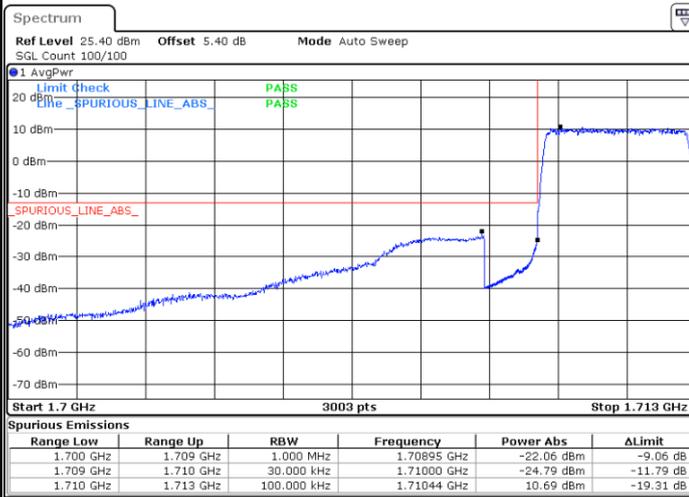
Date: 28.MAY.2024 16:55:29

Highest Band Edge / 1 RB



Date: 28.MAY.2024 17:16:44

Lowest Band Edge / Full RB



Date: 28.MAY.2024 17:09:21

Highest Band Edge / Full RB

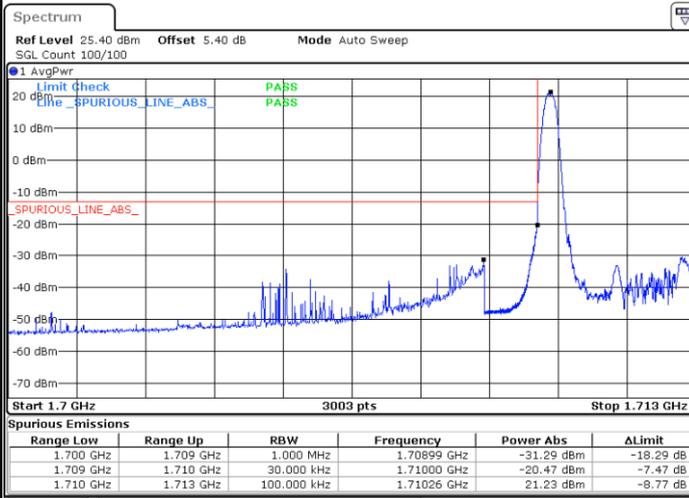


Date: 28.MAY.2024 17:20:24



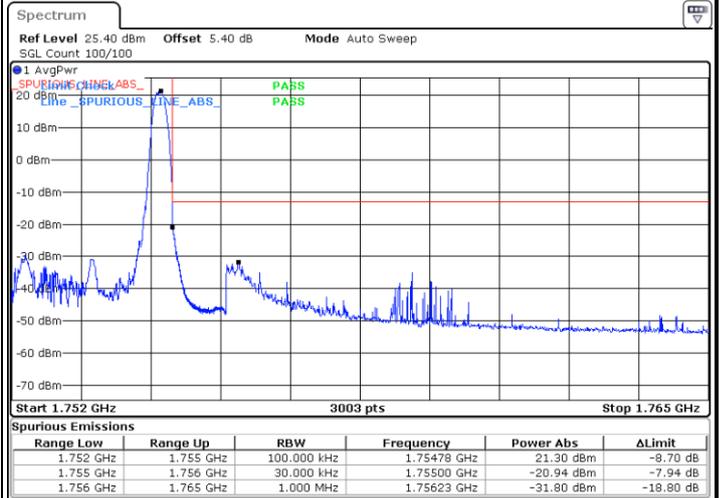
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



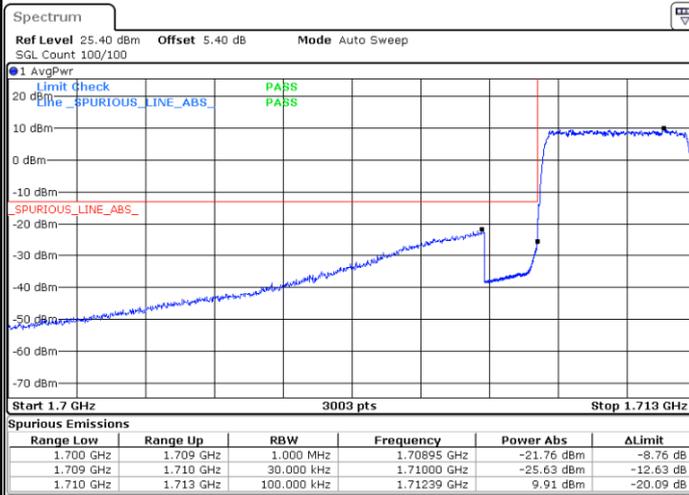
Date: 28.MAY.2024 16:57:29

Highest Band Edge / 1 RB



Date: 28.MAY.2024 17:17:40

Lowest Band Edge / Full RB



Date: 28.MAY.2024 17:10:17

Highest Band Edge / Full RB

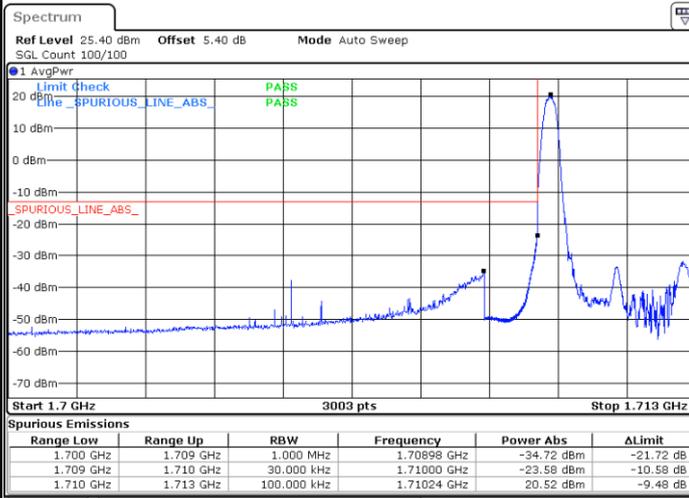


Date: 28.MAY.2024 17:21:20

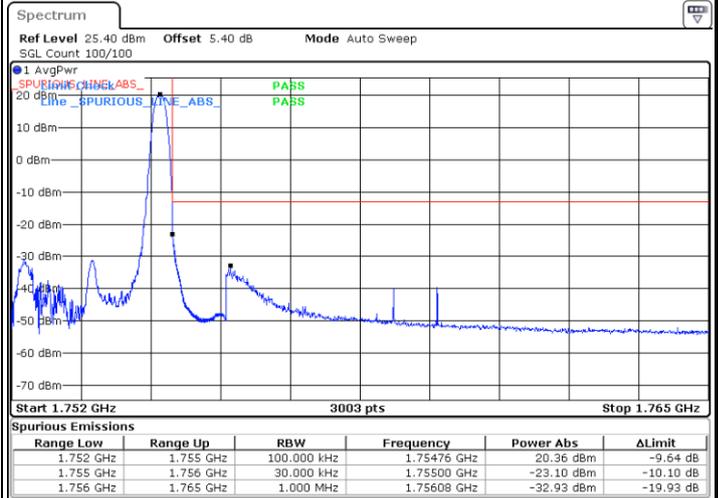


LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

