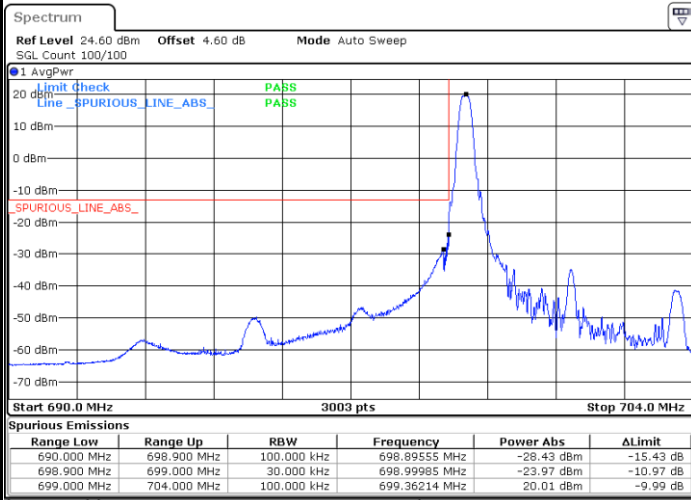




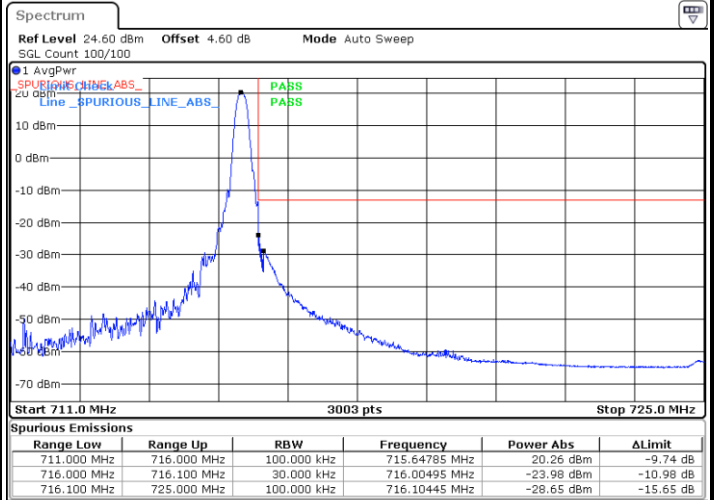
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



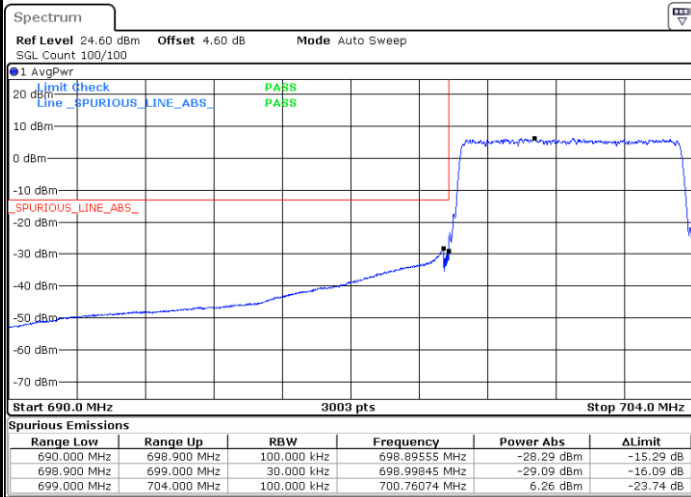
Date: 7.DEC.2024 00:48:31

Highest Band Edge / 1 RB



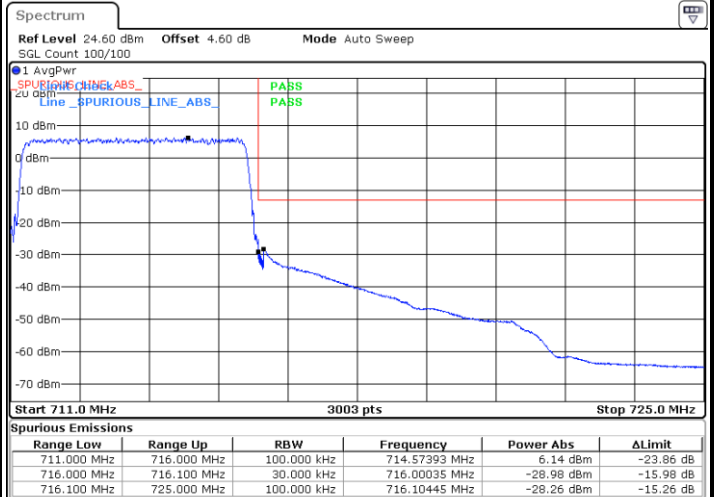
Date: 7.DEC.2024 06:27:03

Lowest Band Edge / Full RB



Date: 7.DEC.2024 00:55:37

Highest Band Edge / Full RB

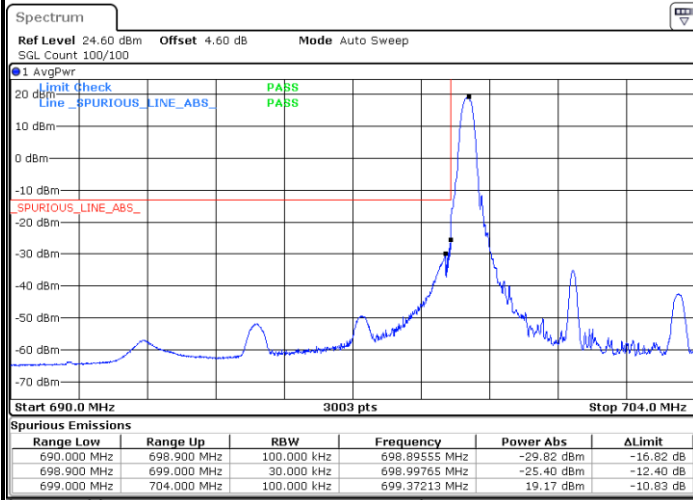


Date: 7.DEC.2024 06:34:14



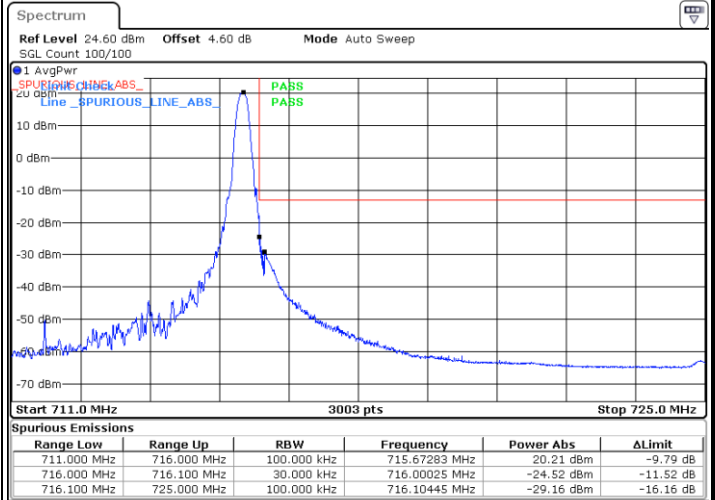
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



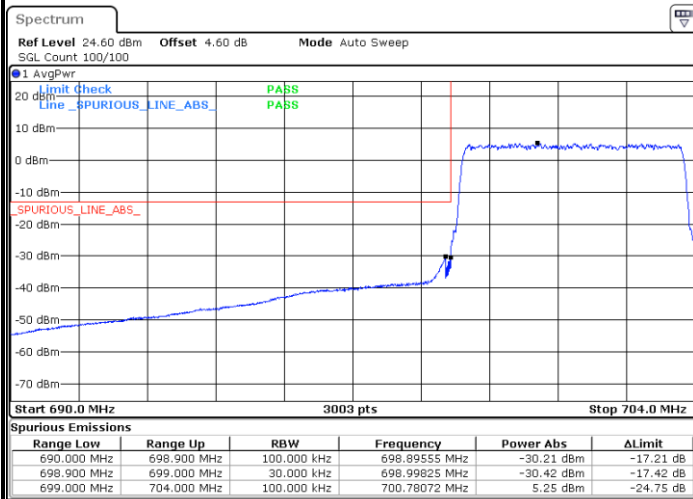
Date: 7.DEC.2024 00:49:56

Highest Band Edge / 1 RB



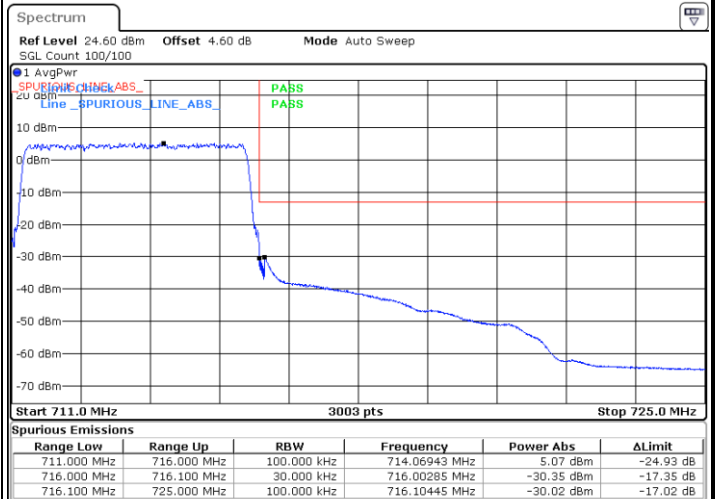
Date: 7.DEC.2024 06:28:09

Lowest Band Edge / Full RB



Date: 7.DEC.2024 00:54:12

Highest Band Edge / Full RB

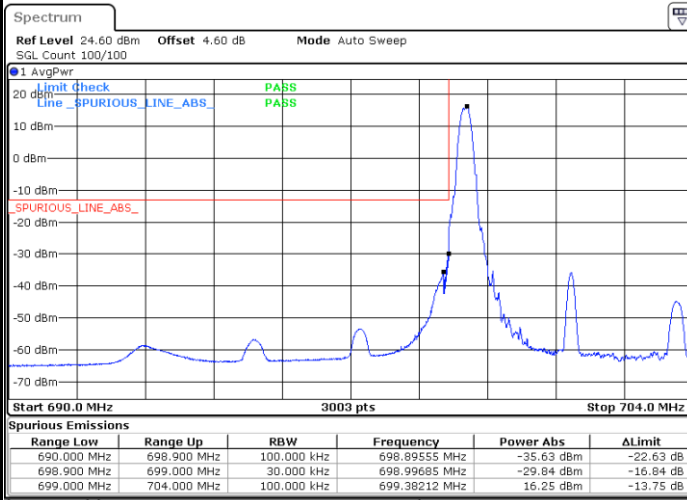


Date: 7.DEC.2024 06:33:09



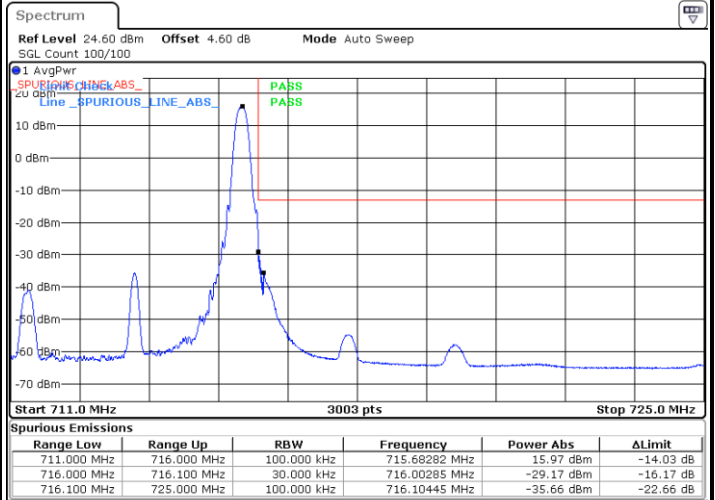
LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / 1RB



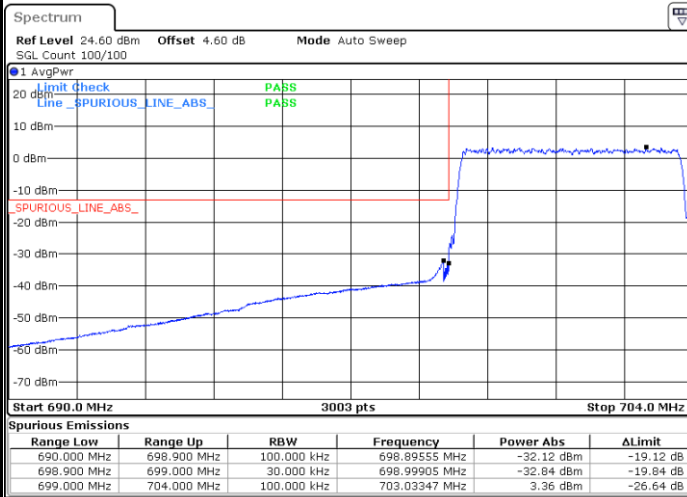
Date: 7.DEC.2024 00:51:22

Highest Band Edge / 1 RB



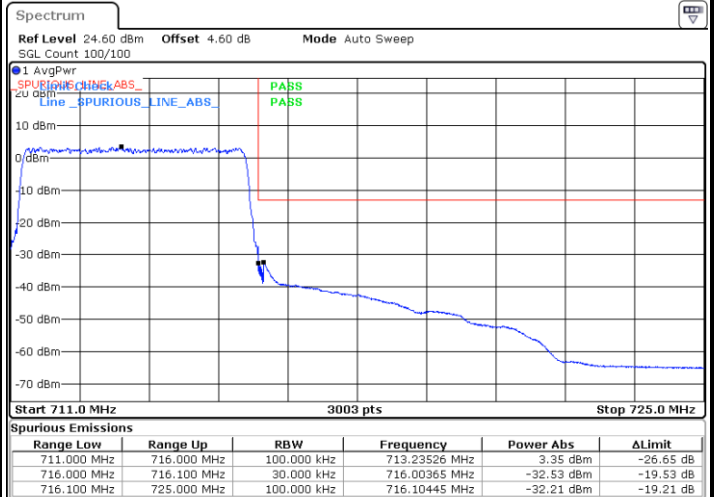
Date: 7.DEC.2024 06:30:58

Lowest Band Edge / Full RB



Date: 7.DEC.2024 00:52:47

Highest Band Edge / Full RB



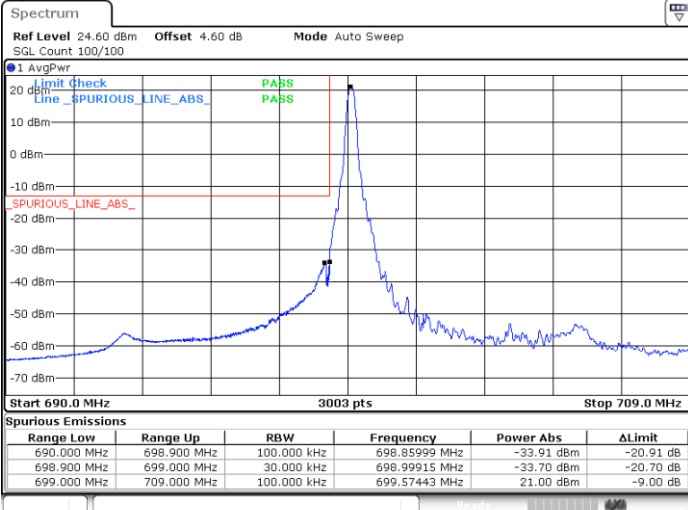
Date: 7.DEC.2024 06:32:04



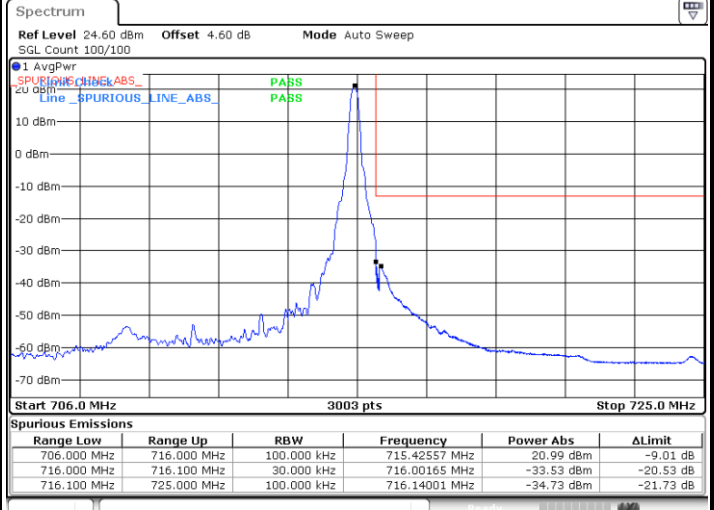
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



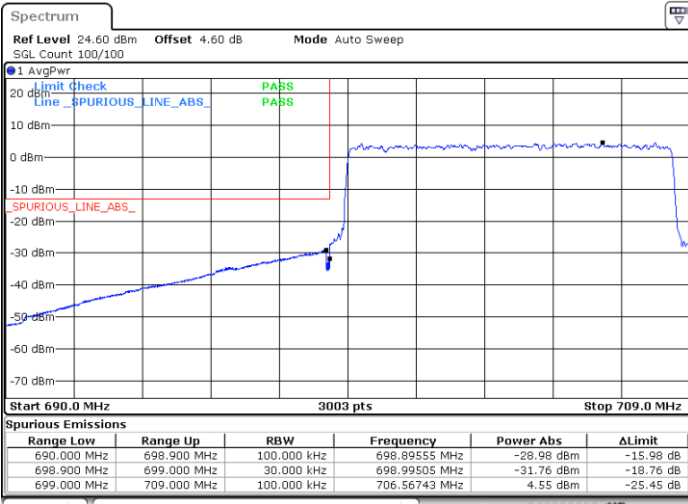
Date: 7.DEC.2024 06:37:51



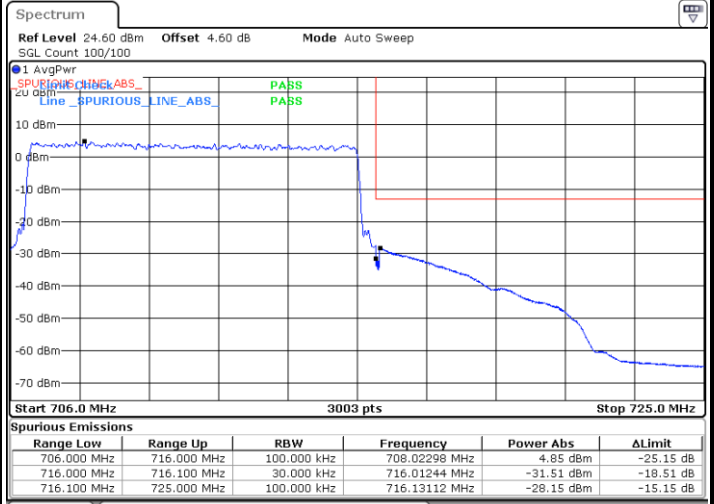
Date: 7.DEC.2024 06:49:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.DEC.2024 06:45:32

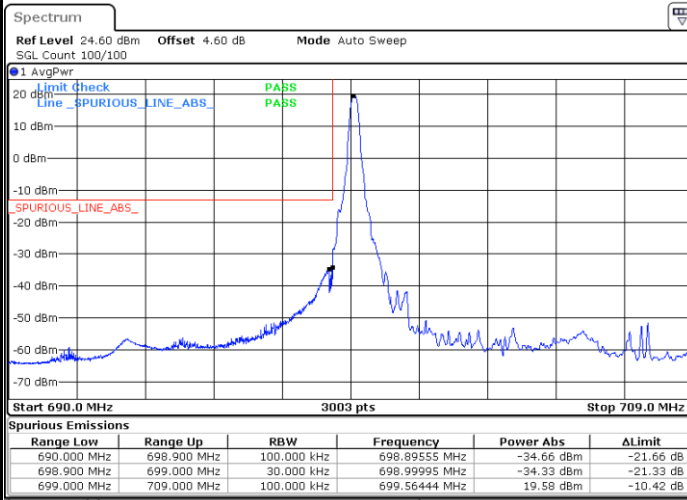


Date: 7.DEC.2024 06:57:06



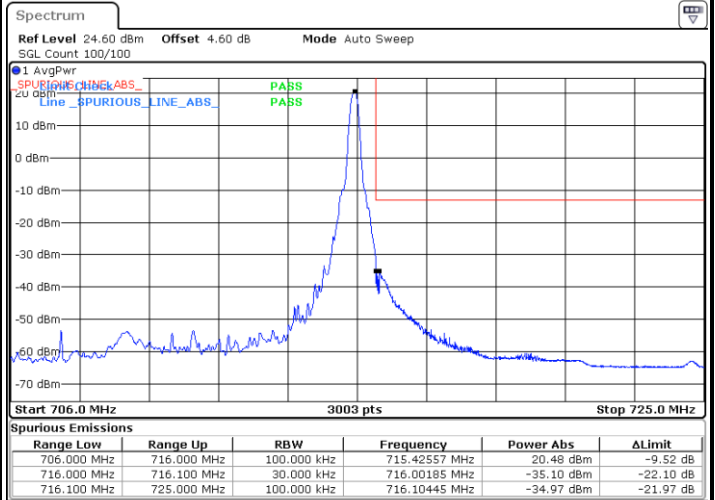
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



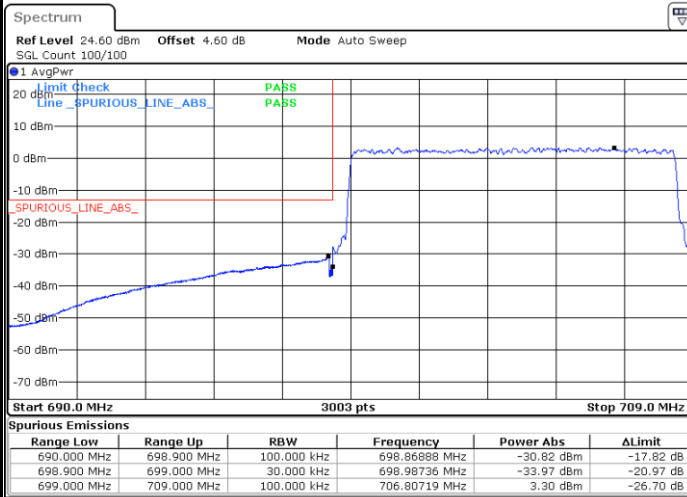
Date: 7.DEC.2024 06:38:57

Highest Band Edge / 1 RB



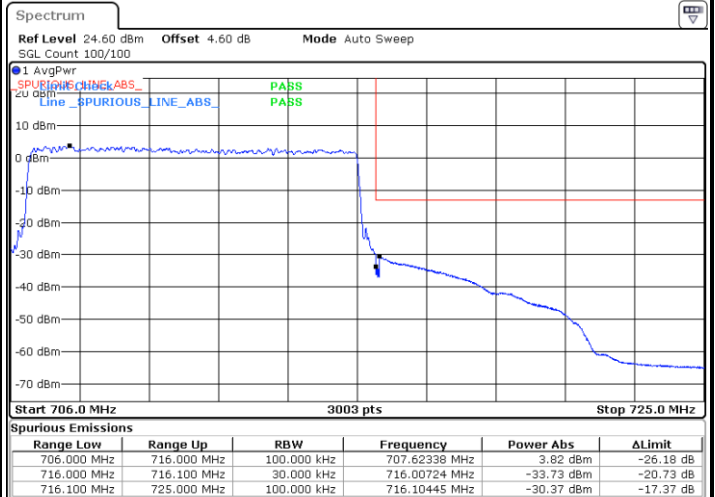
Date: 7.DEC.2024 06:50:31

Lowest Band Edge / Full RB



Date: 7.DEC.2024 06:44:27

Highest Band Edge / Full RB

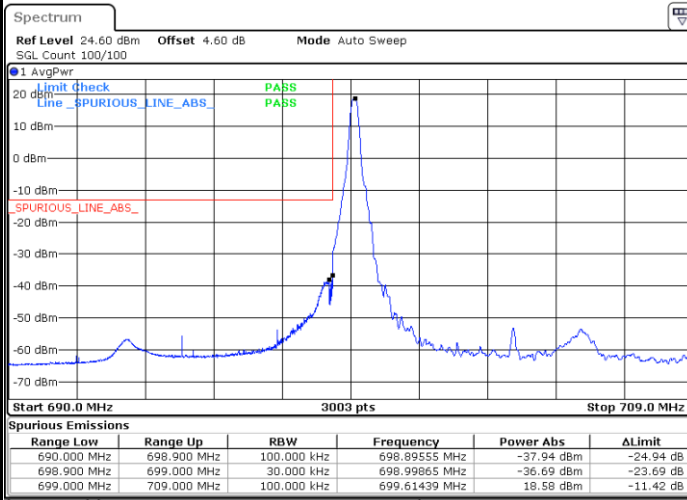


Date: 7.DEC.2024 06:56:01



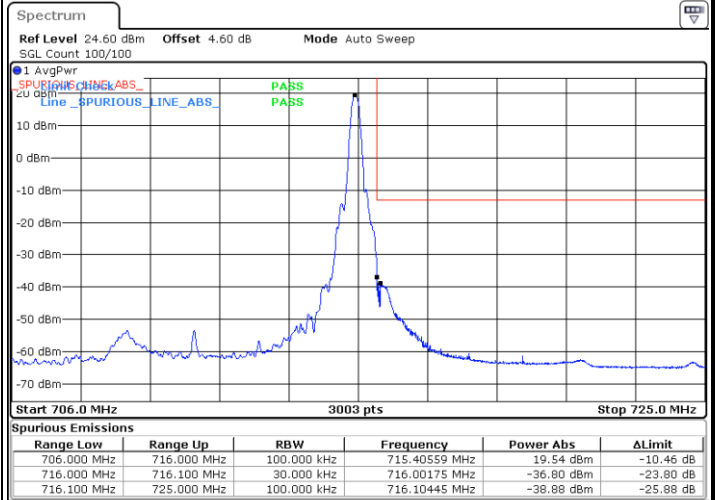
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



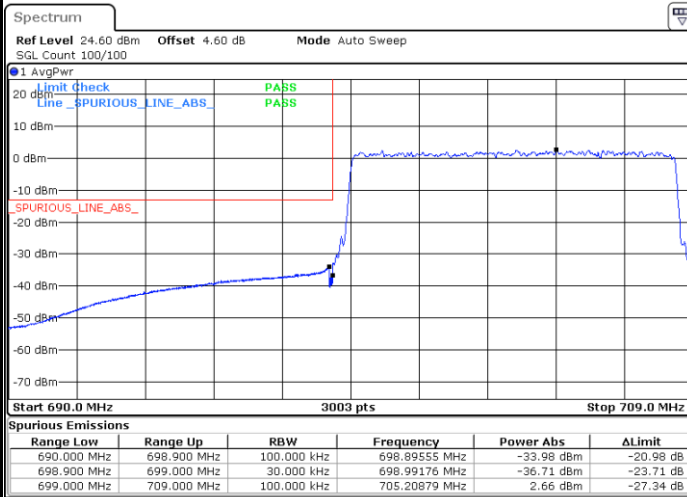
Date: 7.DEC.2024 06:40:03

Highest Band Edge / 1 RB



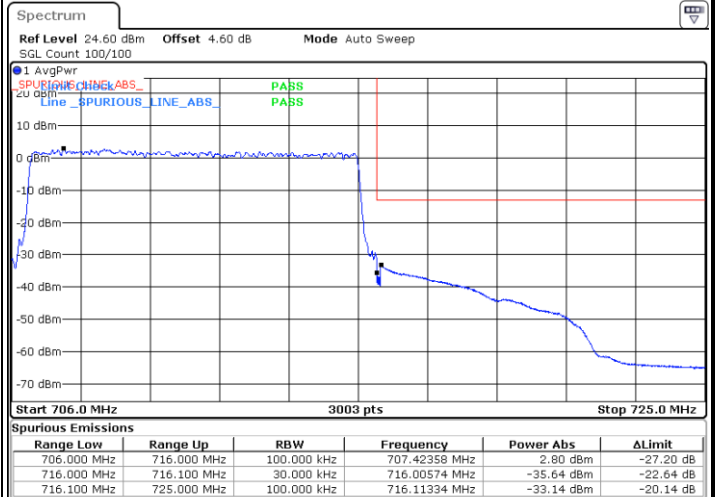
Date: 7.DEC.2024 06:51:36

Lowest Band Edge / Full RB



Date: 7.DEC.2024 06:43:21

Highest Band Edge / Full RB

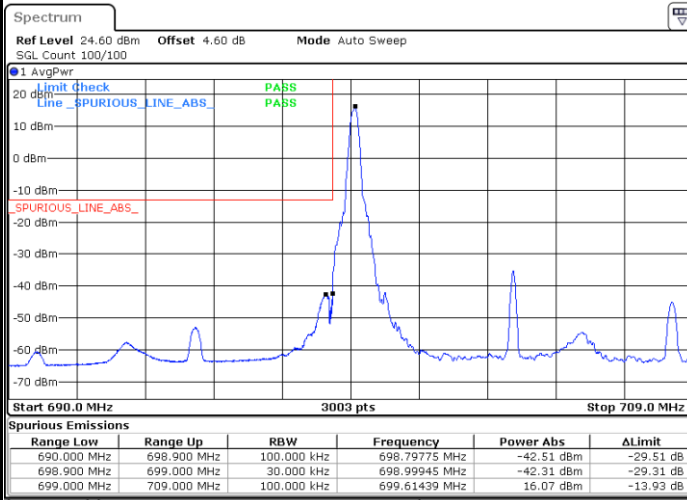


Date: 7.DEC.2024 06:54:55



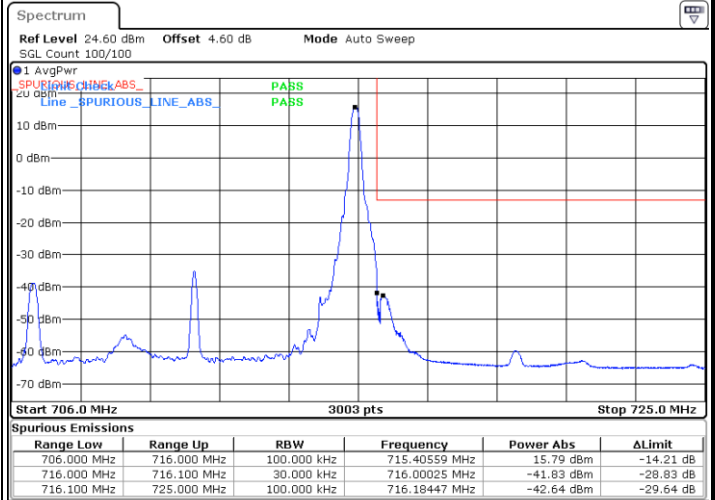
LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



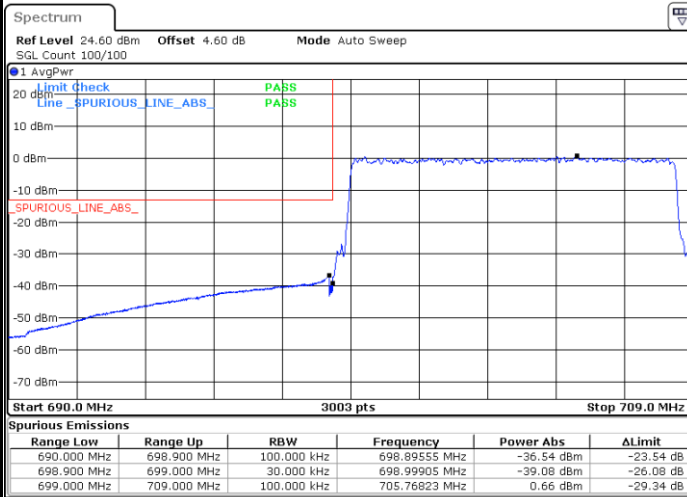
Date: 7.DEC.2024 06:41:08

Highest Band Edge / 1 RB



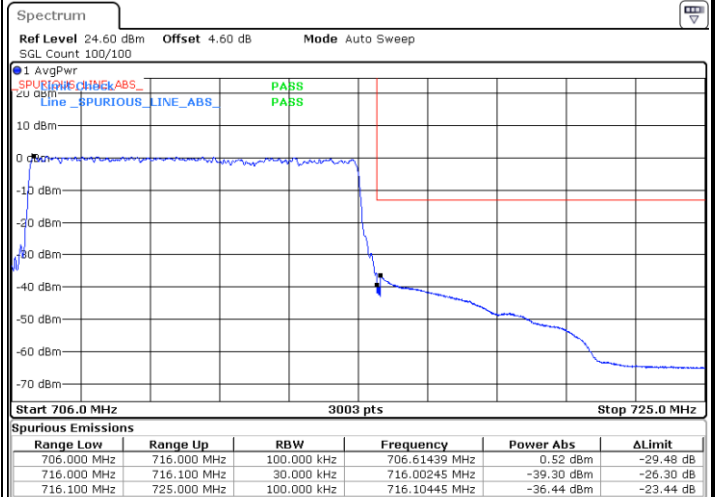
Date: 7.DEC.2024 06:52:42

Lowest Band Edge / Full RB



Date: 7.DEC.2024 06:42:14

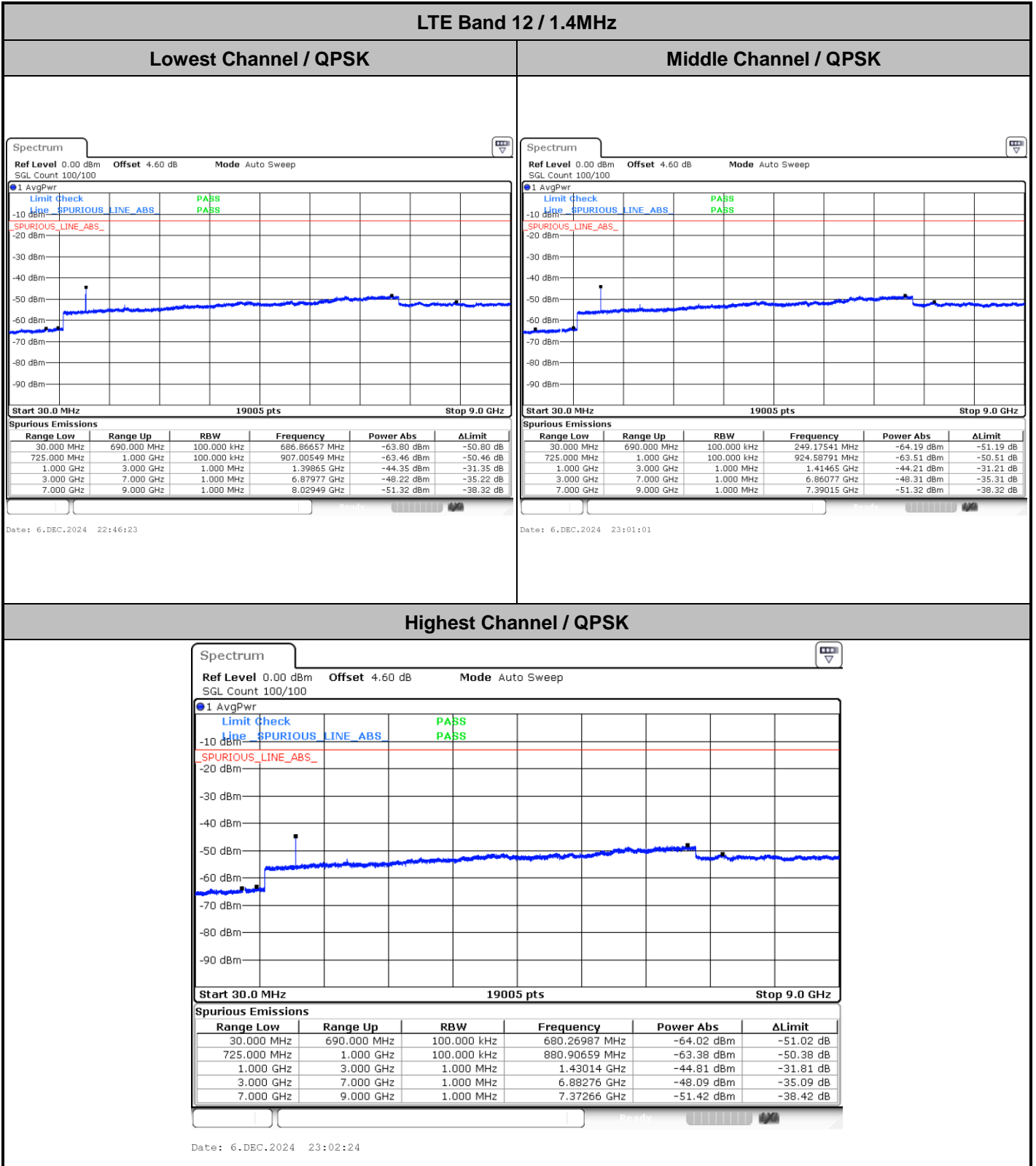
Highest Band Edge / Full RB



Date: 7.DEC.2024 06:53:49



Conducted Spurious Emission

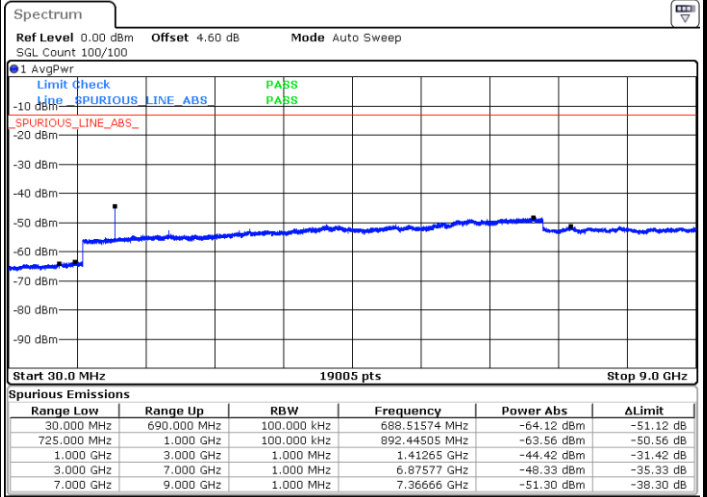
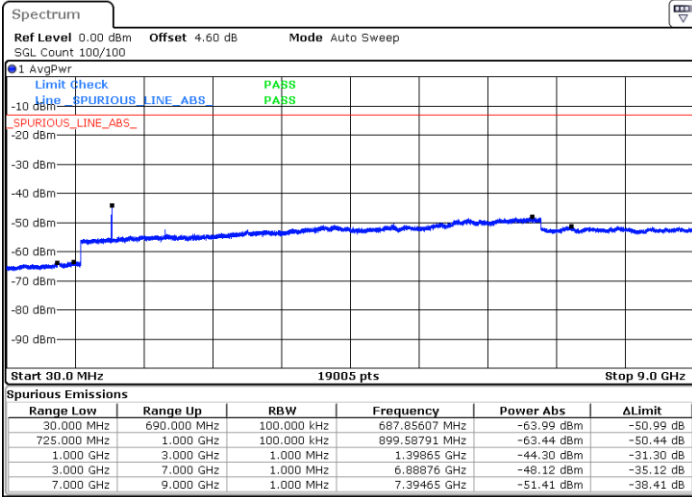




LTE Band 12 / 3MHz

Lowest Channel / QPSK

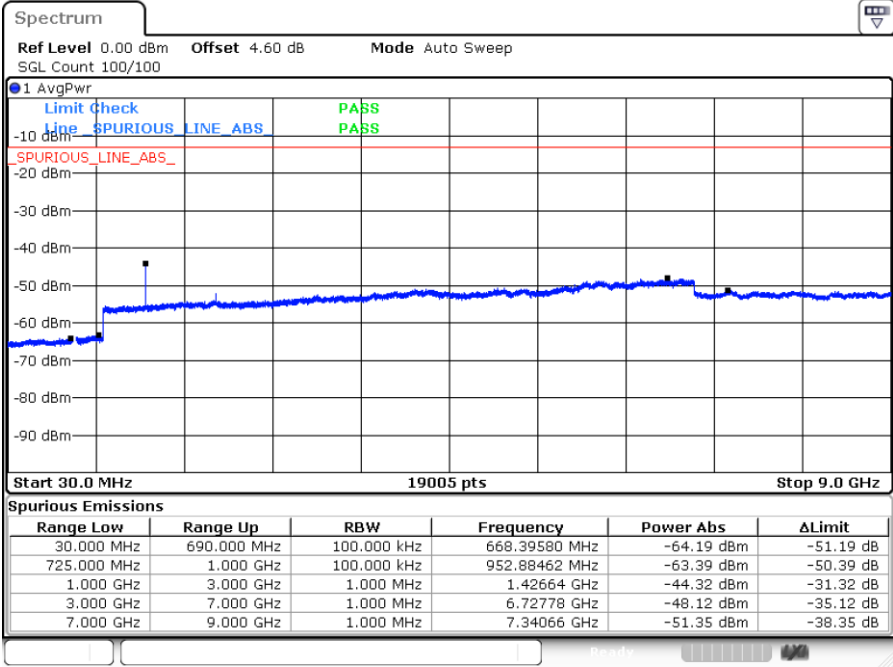
Middle Channel / QPSK



Date: 7.DEC.2024 00:18:50

Date: 7.DEC.2024 00:31:34

Highest Channel / QPSK



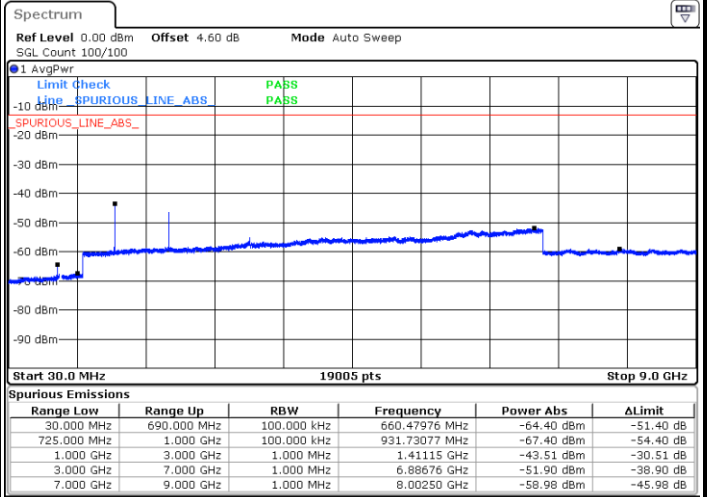
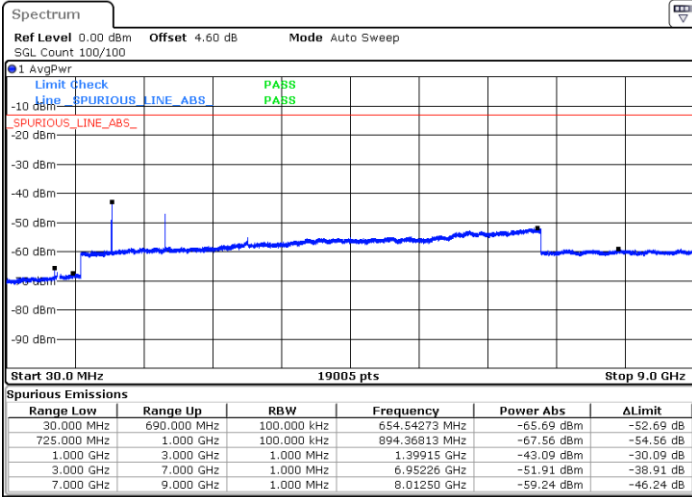
Date: 7.DEC.2024 00:32:57



LTE Band 12 / 5MHz

Lowest Channel / QPSK

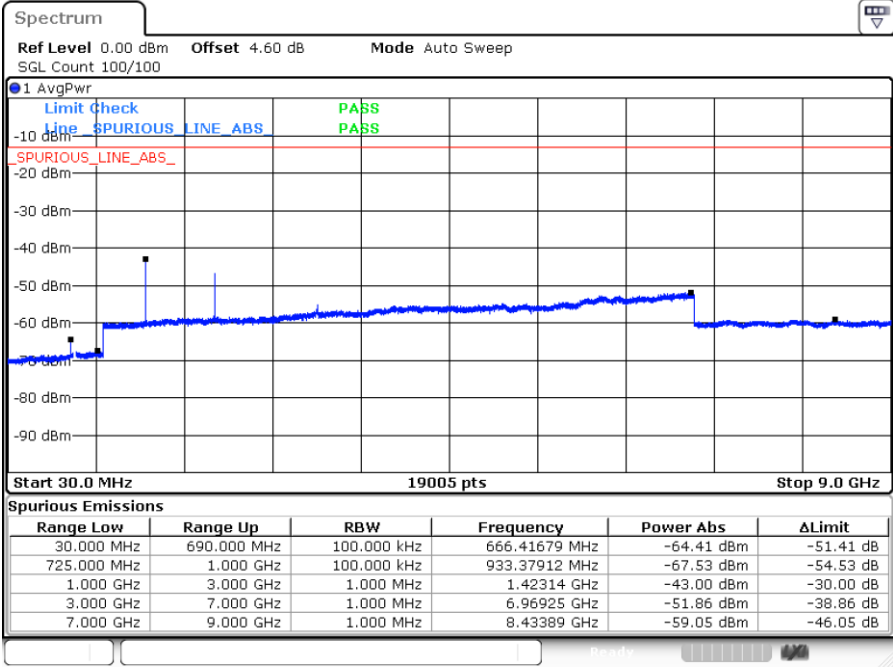
Middle Channel / QPSK



Date: 7.DEC.2024 00:45:41

Date: 7.DEC.2024 06:23:30

Highest Channel / QPSK



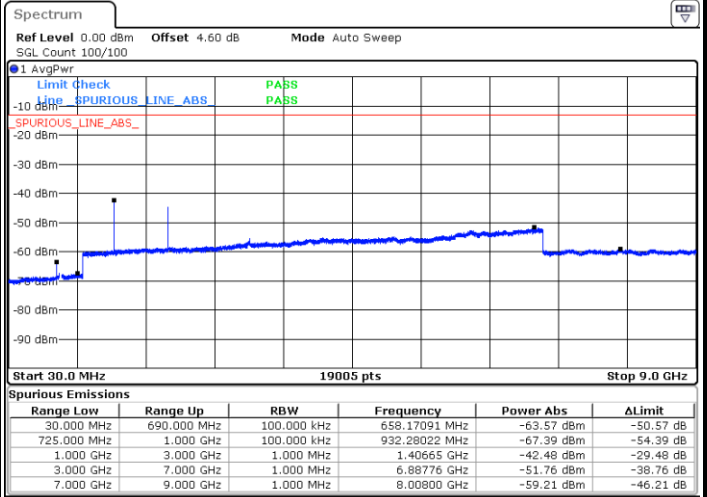
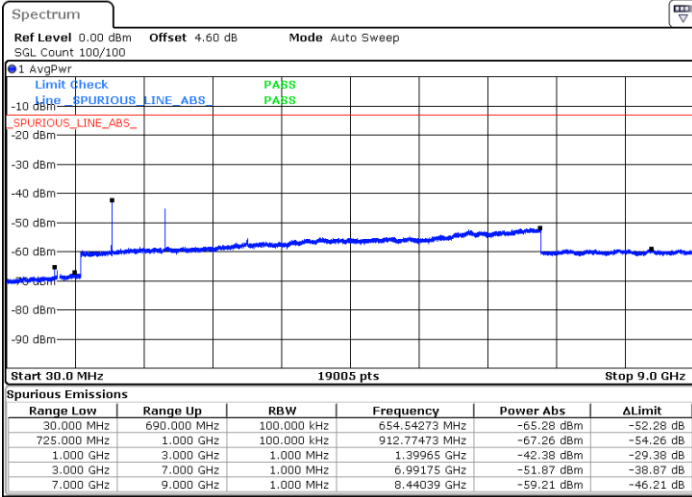
Date: 7.DEC.2024 06:24:53



LTE Band 12 / 10MHz

Lowest Channel / QPSK

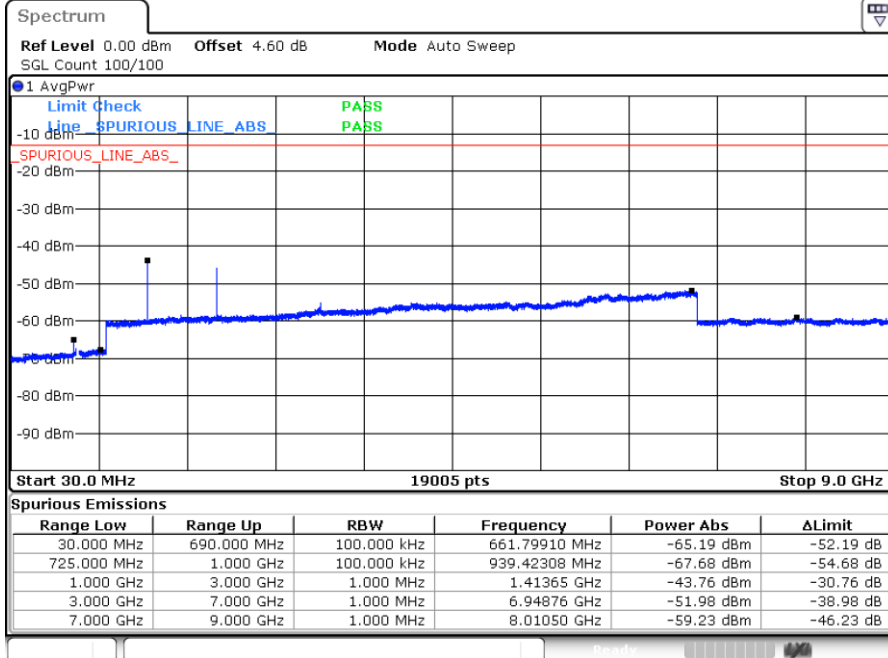
Middle Channel / QPSK



Date: 7.DEC.2024 06:36:45

Date: 7.DEC.2024 06:46:55

Highest Channel / QPSK



Date: 7.DEC.2024 06:48:18



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

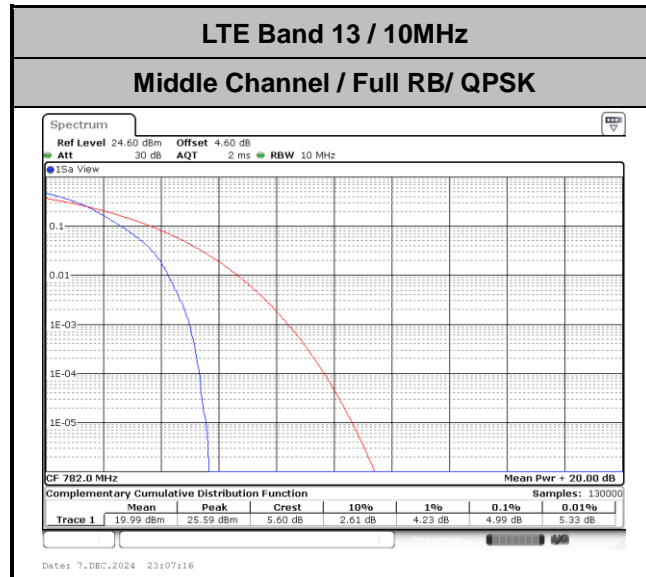
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

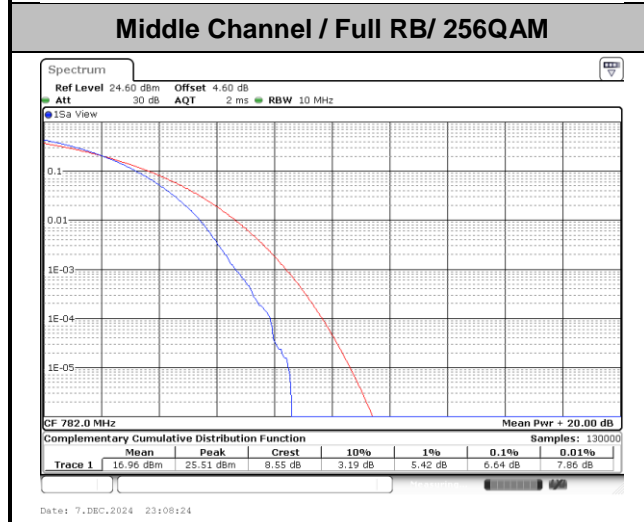
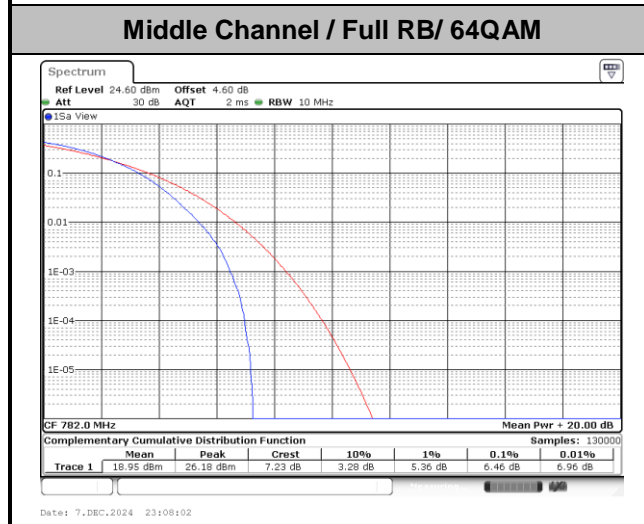
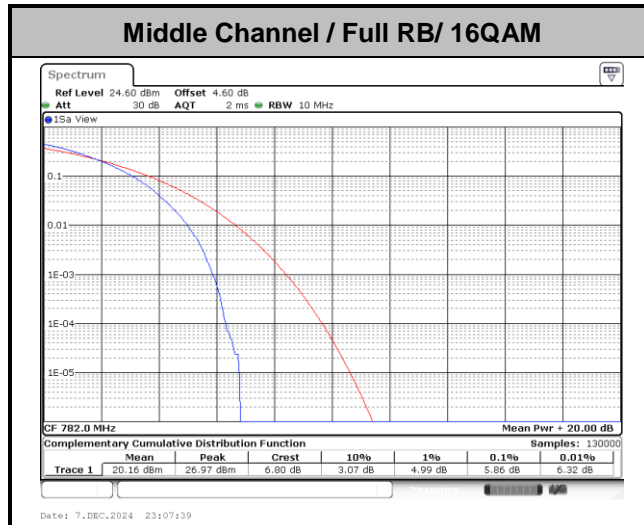


LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.86	6.46	6.64	PASS

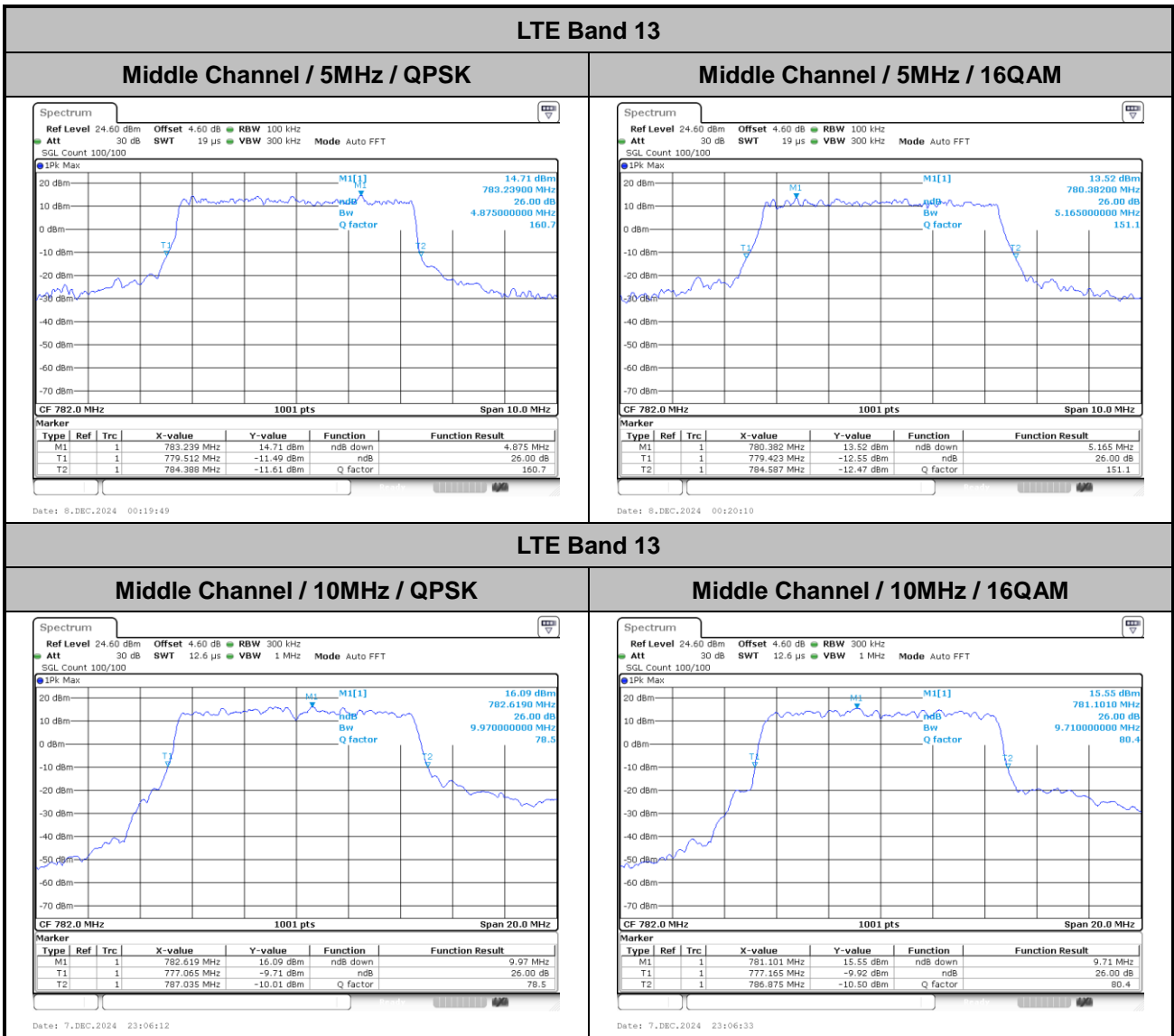






26dB Bandwidth

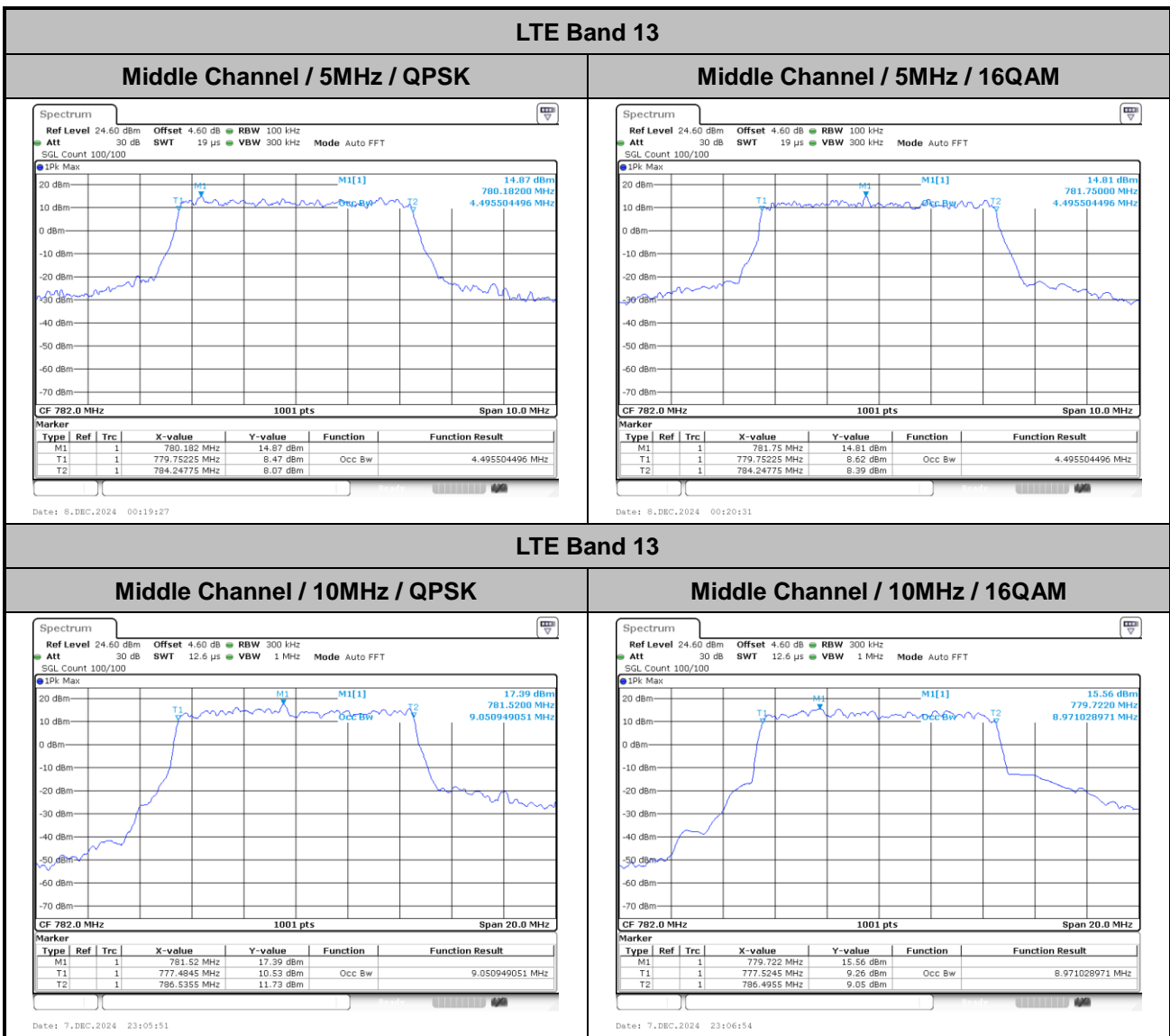
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.88	5.17
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.97	9.71





Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.97

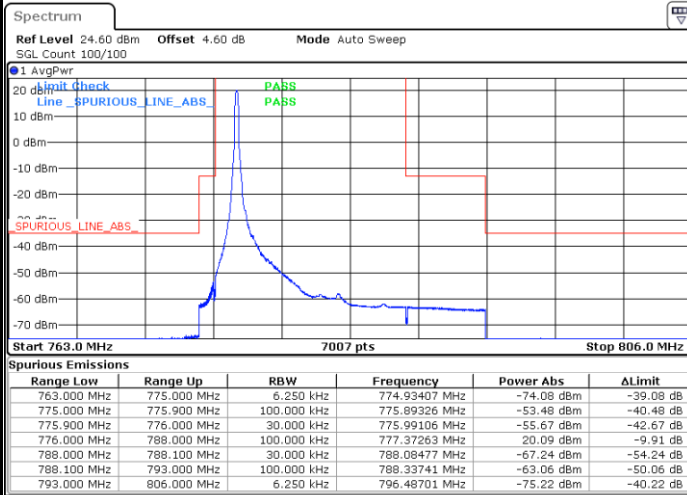




Conducted Band Edge

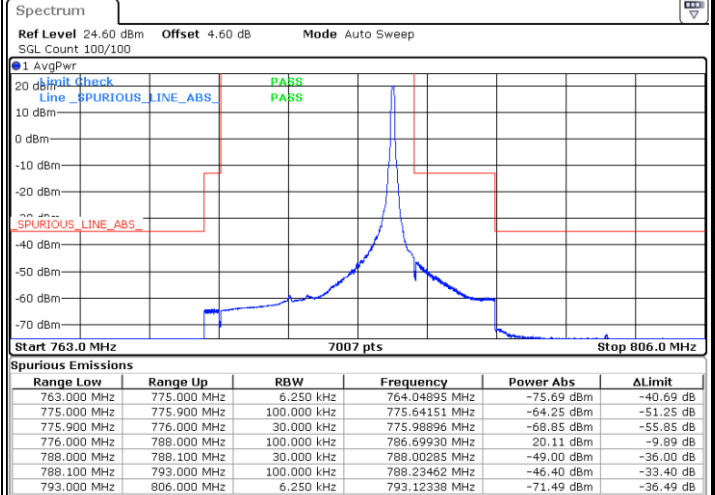
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



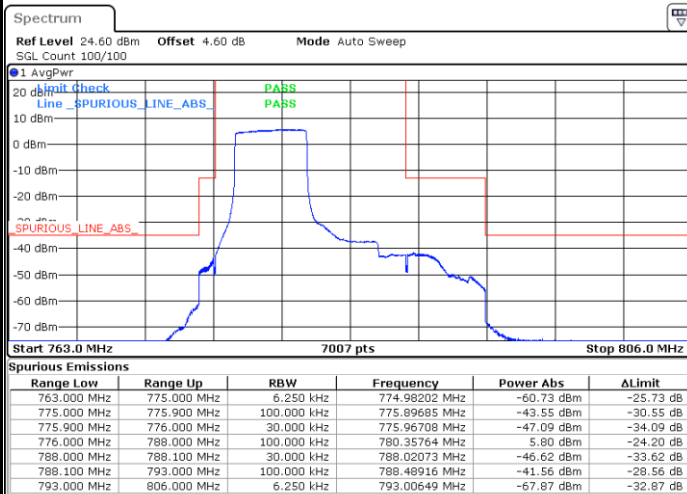
Date: 7.DEC.2024 22:10:06

Highest Band Edge / 1 RB



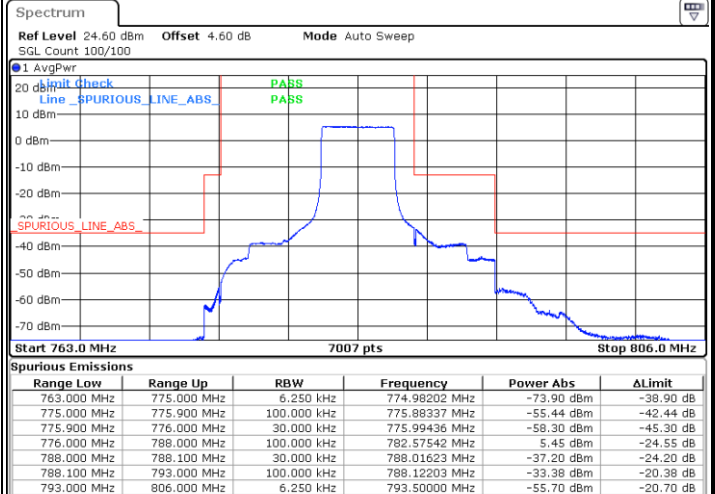
Date: 7.DEC.2024 22:27:34

Lowest Band Edge / Full RB



Date: 7.DEC.2024 22:17:28

Highest Band Edge / Full RB



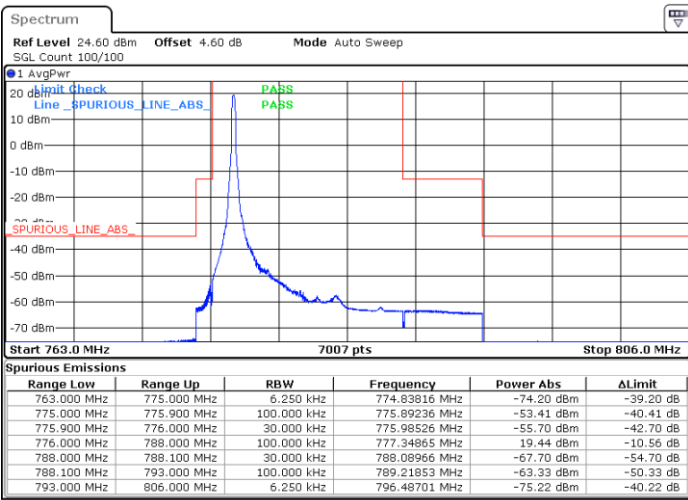
Date: 7.DEC.2024 22:34:55



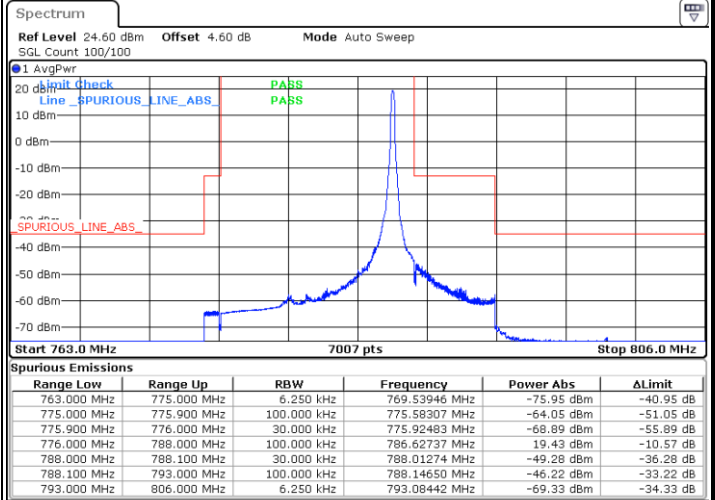
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



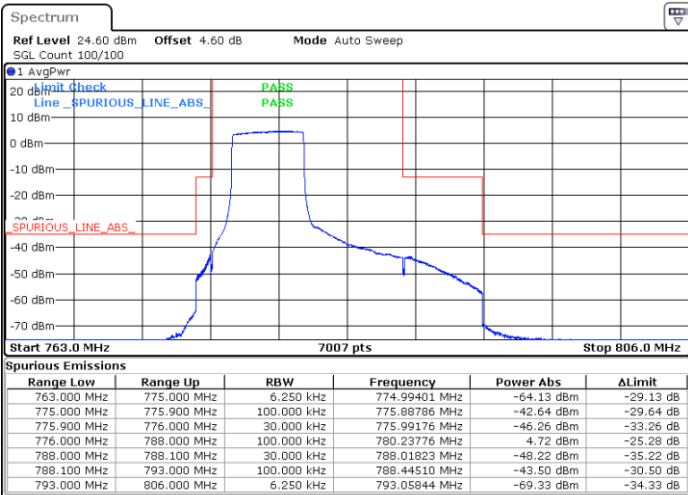
Date: 7.DEC.2024 22:11:56



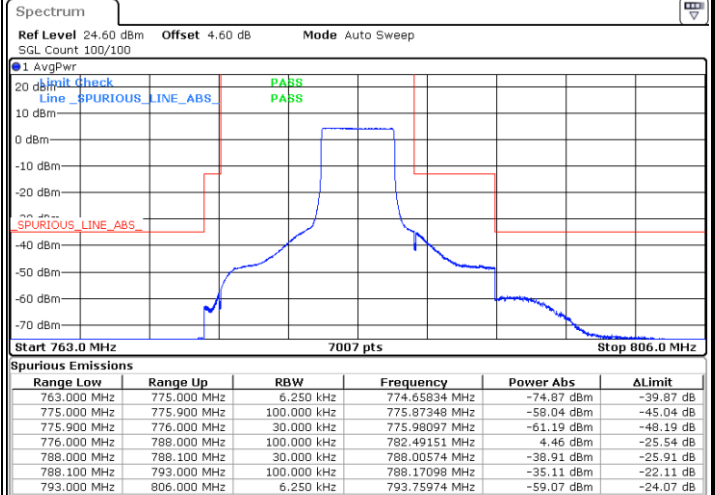
Date: 7.DEC.2024 22:29:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.DEC.2024 22:19:19



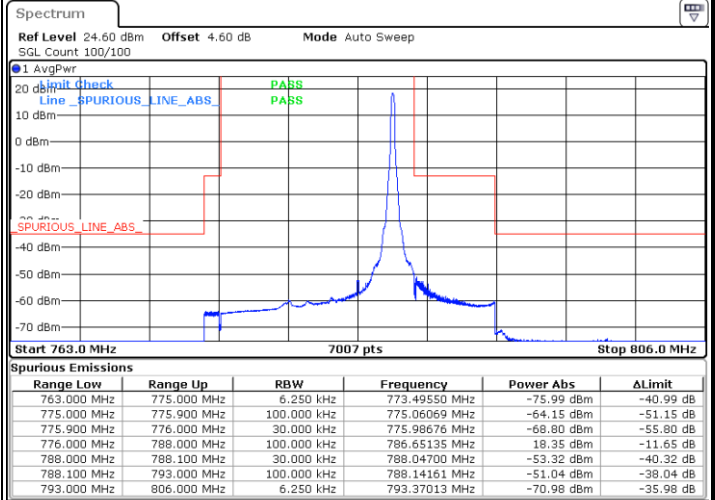
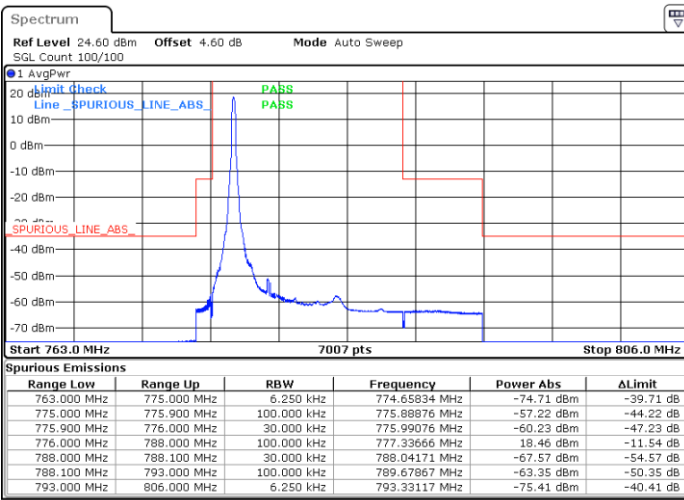
Date: 7.DEC.2024 22:36:46



LTE Band 13 / 5MHz / 64QAM

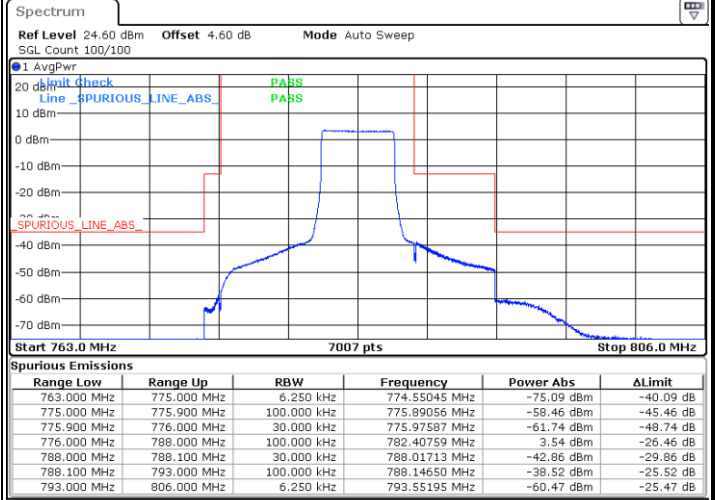
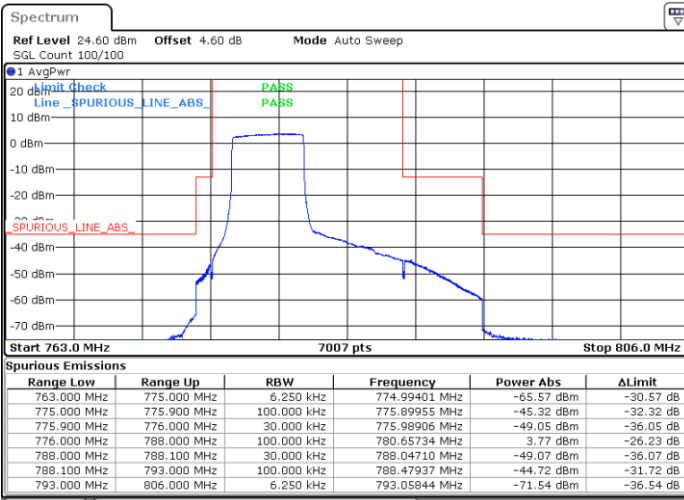
Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

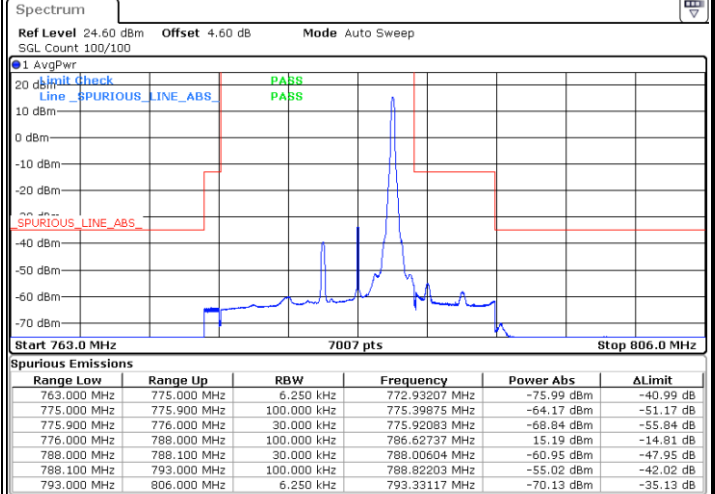
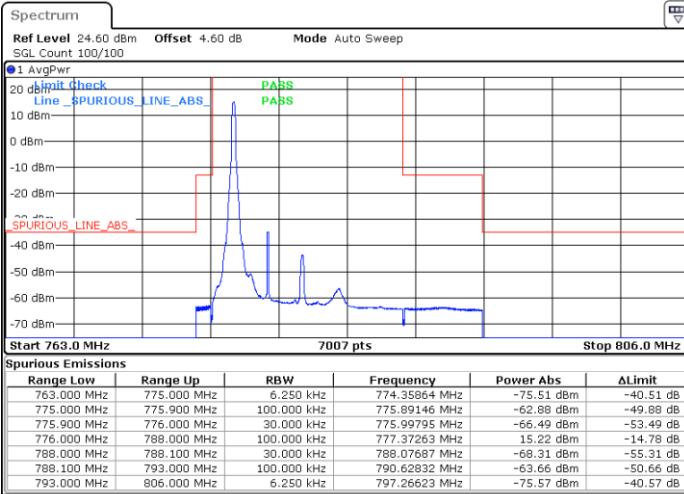




LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

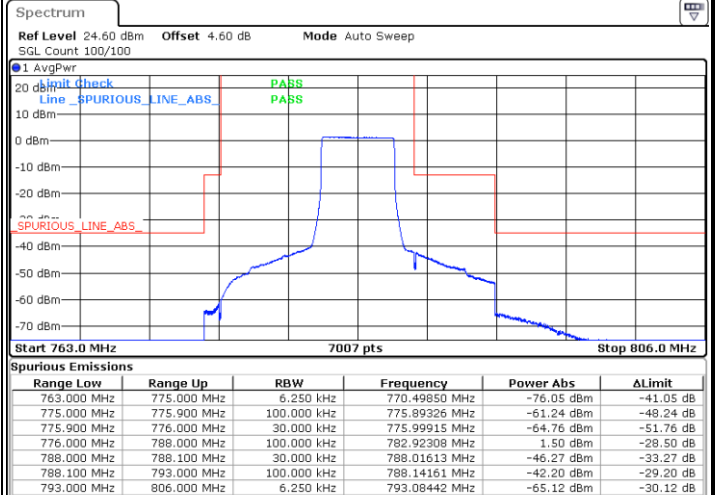
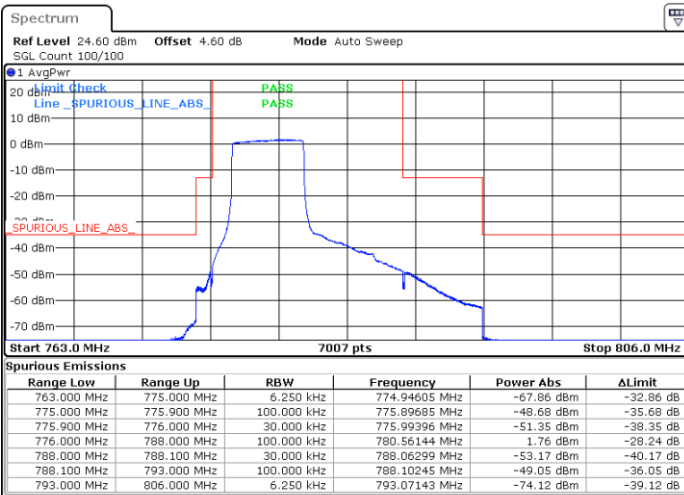


Date: 7.DEC.2024 22:15:37

Date: 7.DEC.2024 22:33:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.DEC.2024 22:22:59

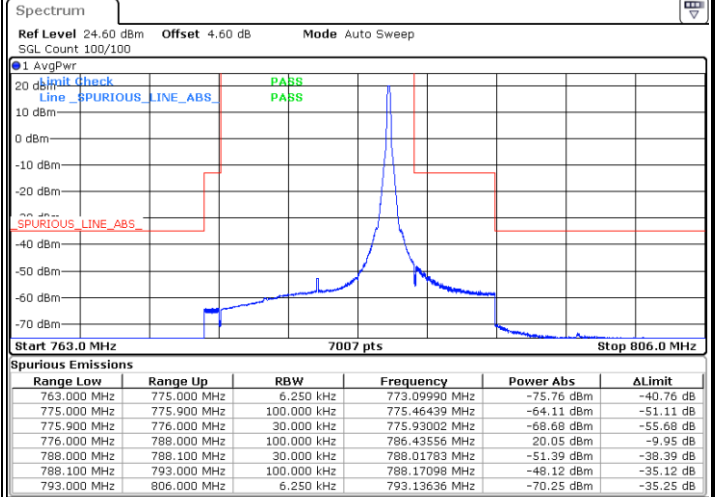
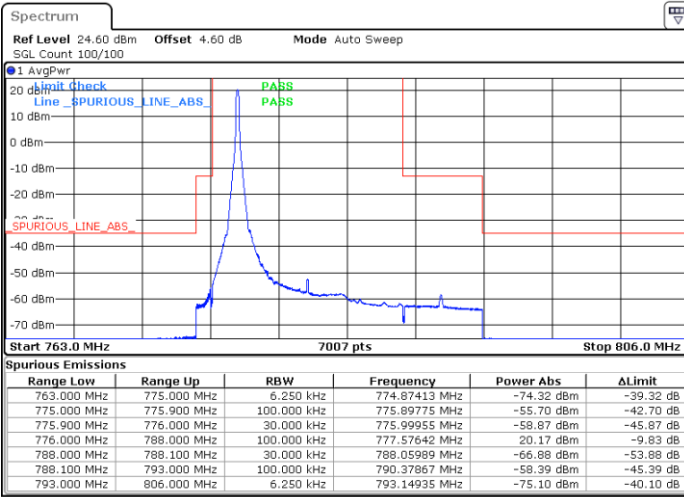
Date: 7.DEC.2024 22:40:27



LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB

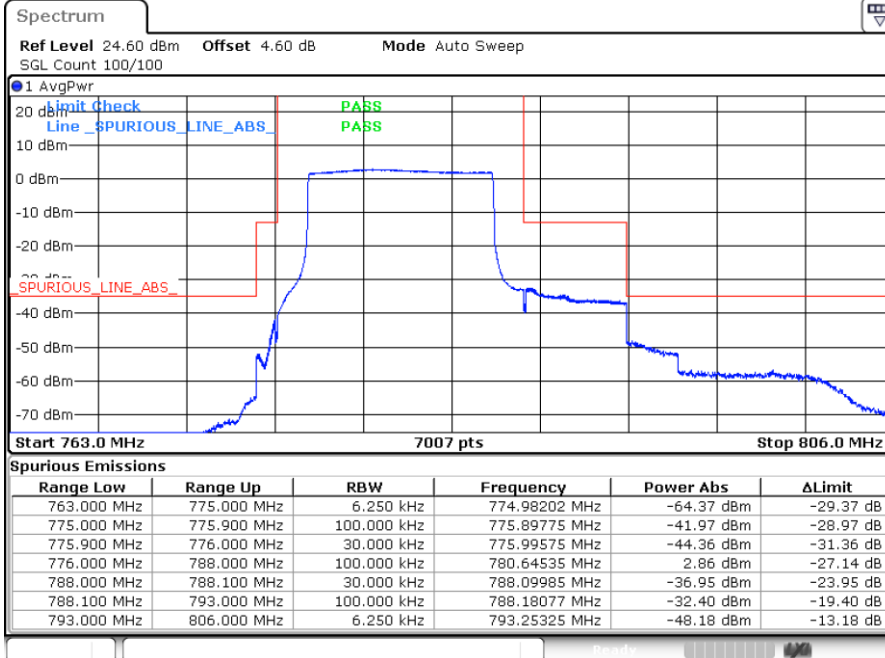
middle Band Edge / 1 RB



Date: 7. DEC. 2024 22:45:23

Date: 7. DEC. 2024 23:00:00

Middle Band Edge / Full RB

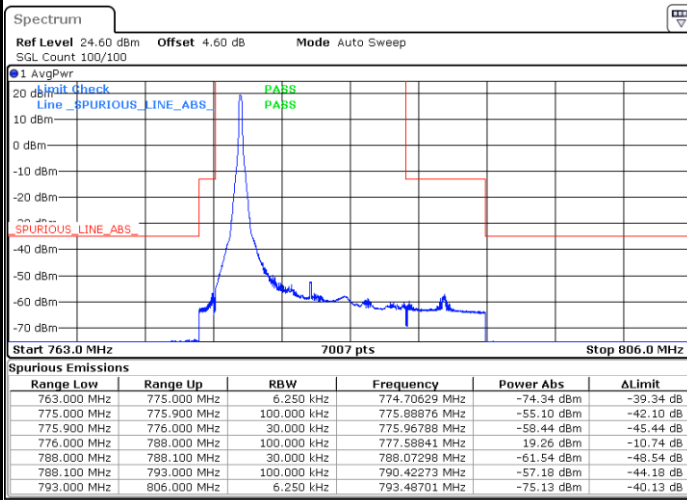


Date: 7. DEC. 2024 22:52:42



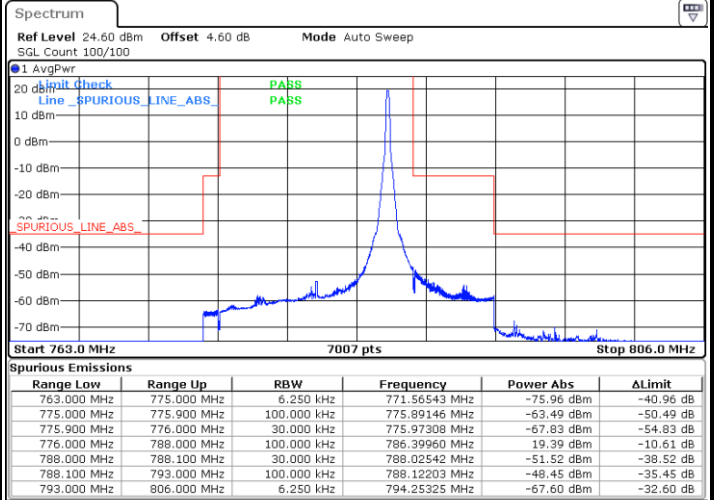
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



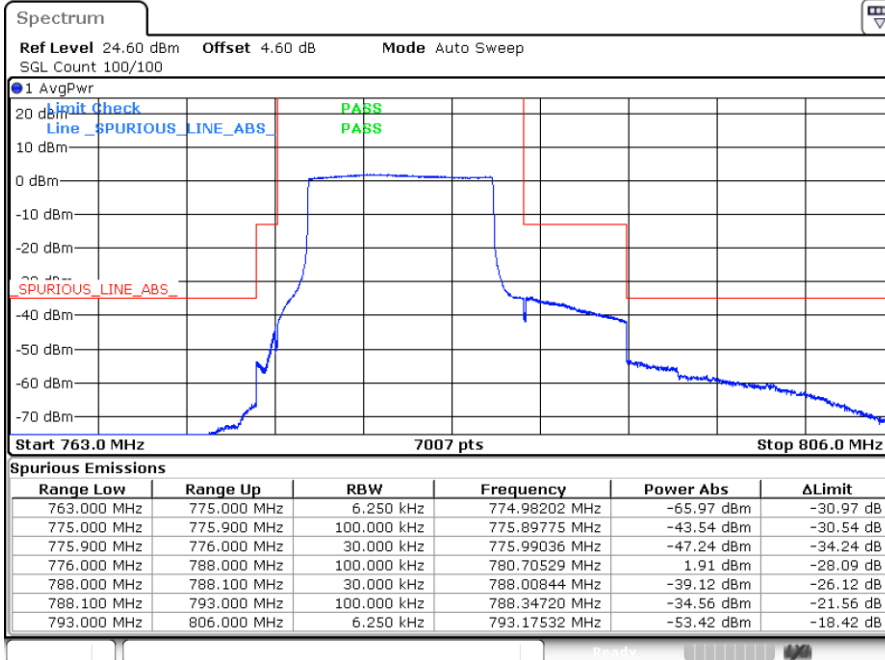
Date: 7.DEC.2024 22:47:13

middle Band Edge / 1 RB



Date: 7.DEC.2024 23:01:50

middle Band Edge / Full RB

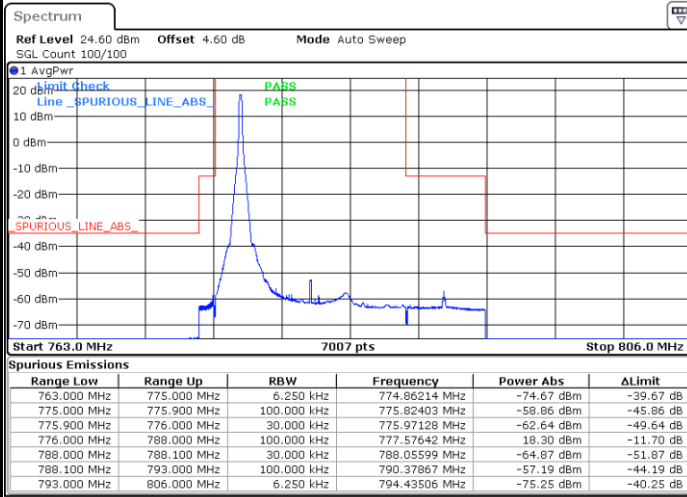


Date: 7.DEC.2024 22:54:31



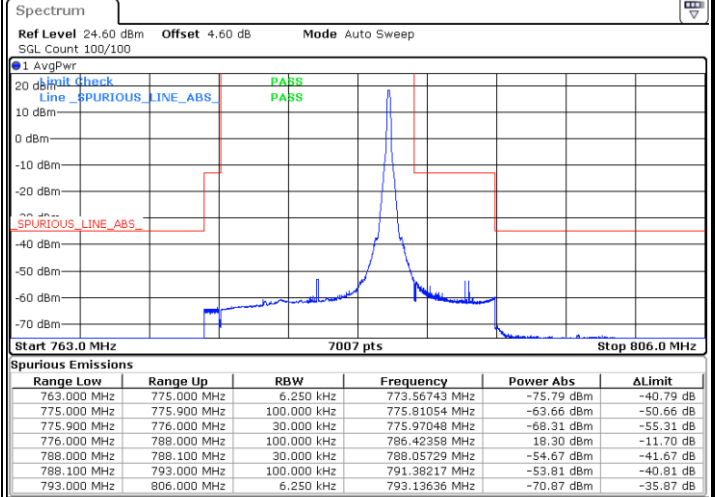
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



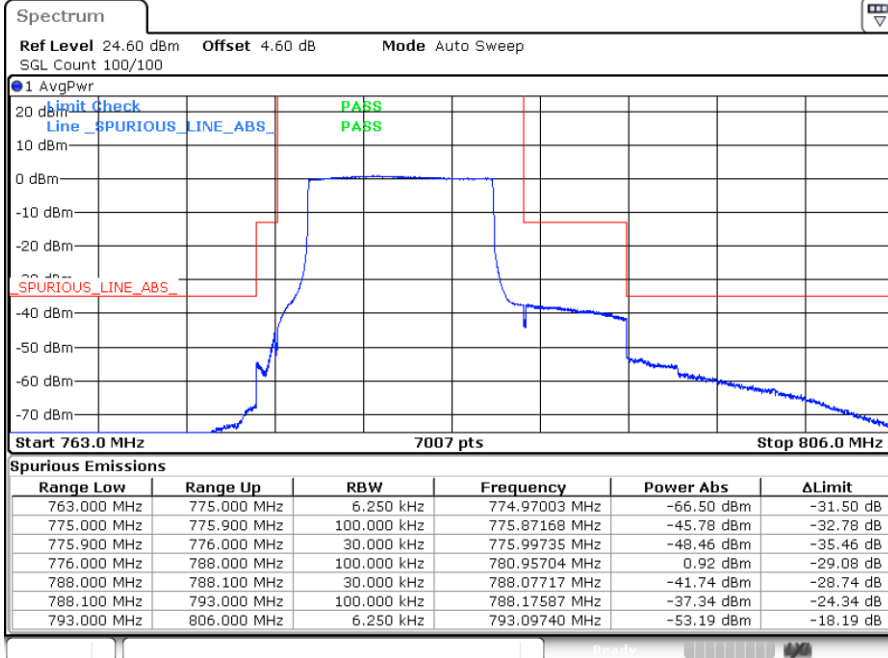
Date: 7.DEC.2024 22:49:02

middle Band Edge / 1 RB



Date: 7.DEC.2024 23:03:39

middle Band Edge / Full RB



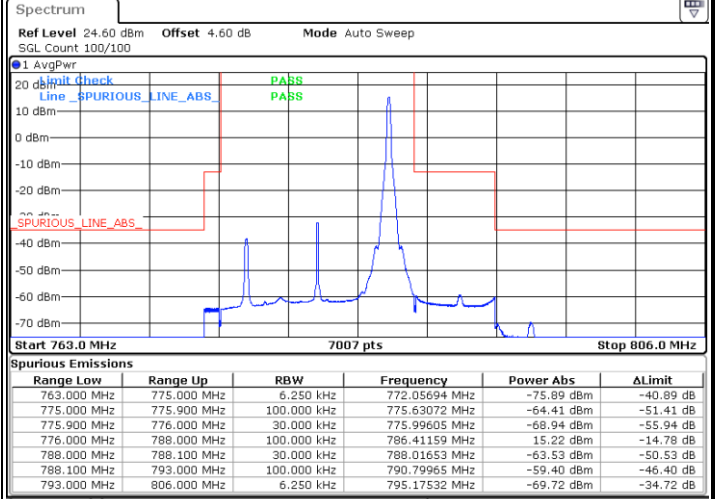
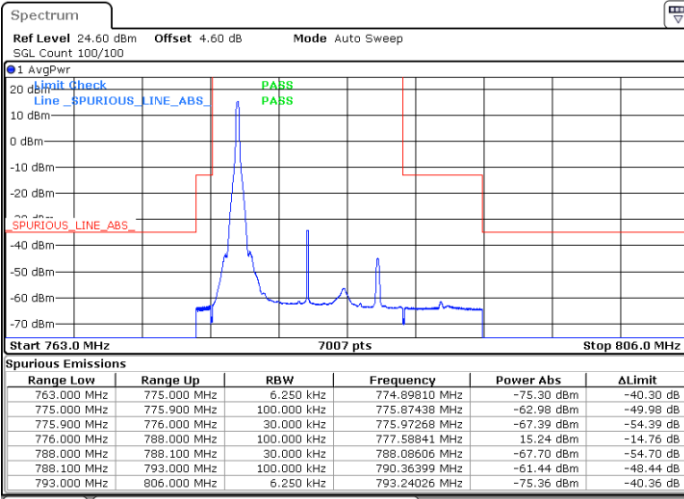
Date: 7.DEC.2024 22:56:21



LTE Band 13 / 10MHz / 256QAM

middle Band Edge / 1 RB

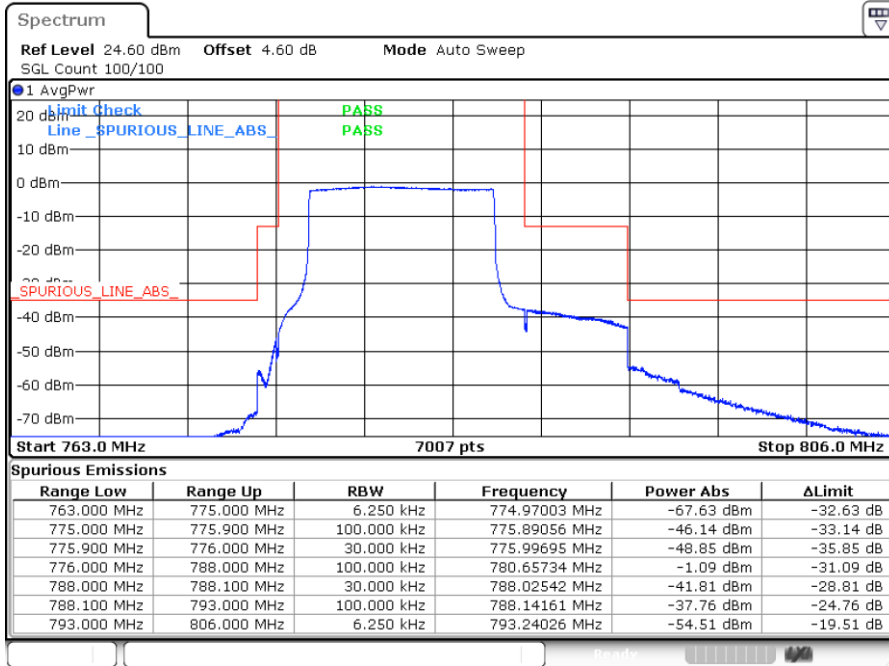
middle Band Edge / 1 RB



Date: 7.DEC.2024 22:50:52

Date: 7.DEC.2024 23:05:29

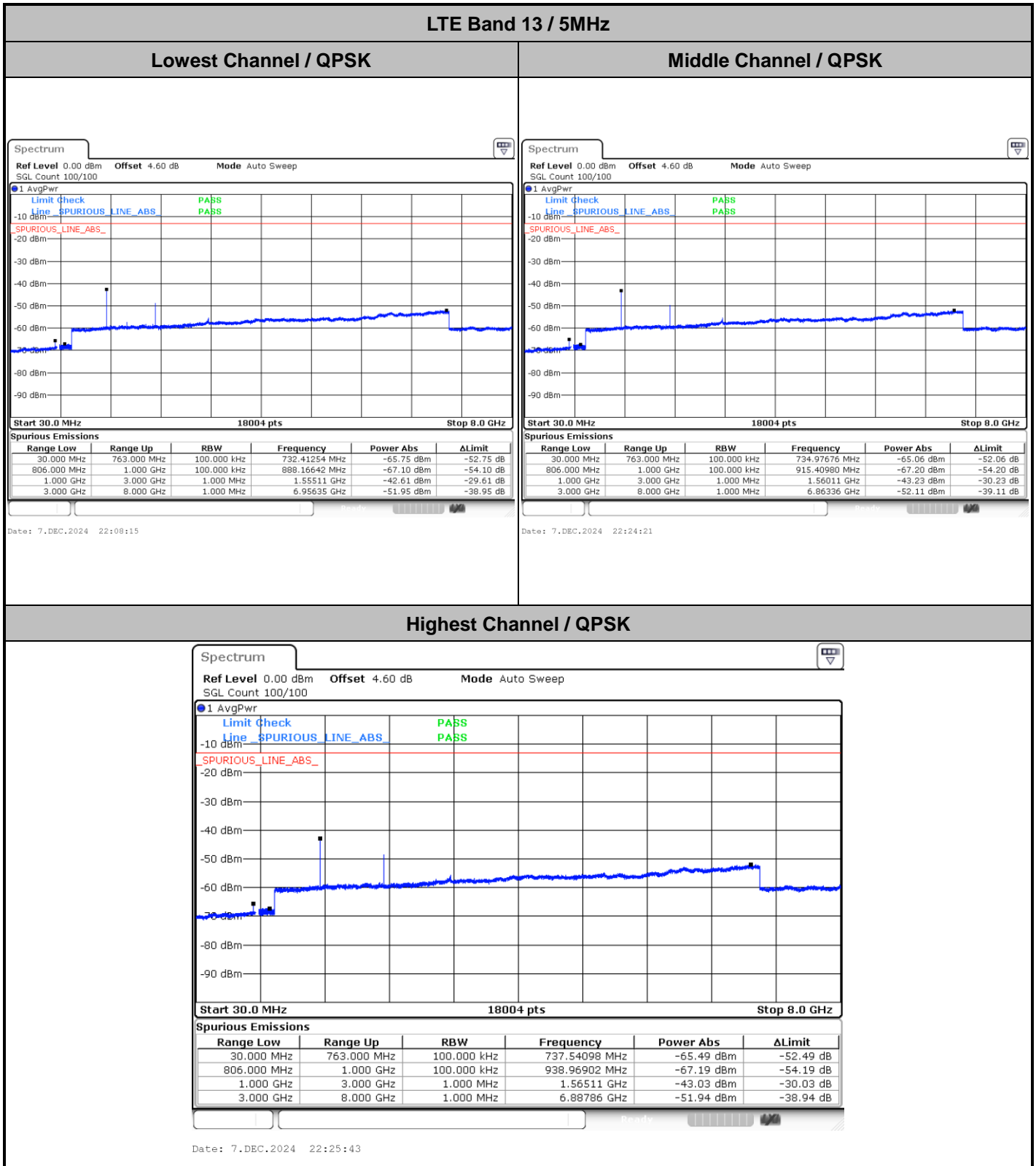
middle Band Edge / Full RB



Date: 7.DEC.2024 22:58:10



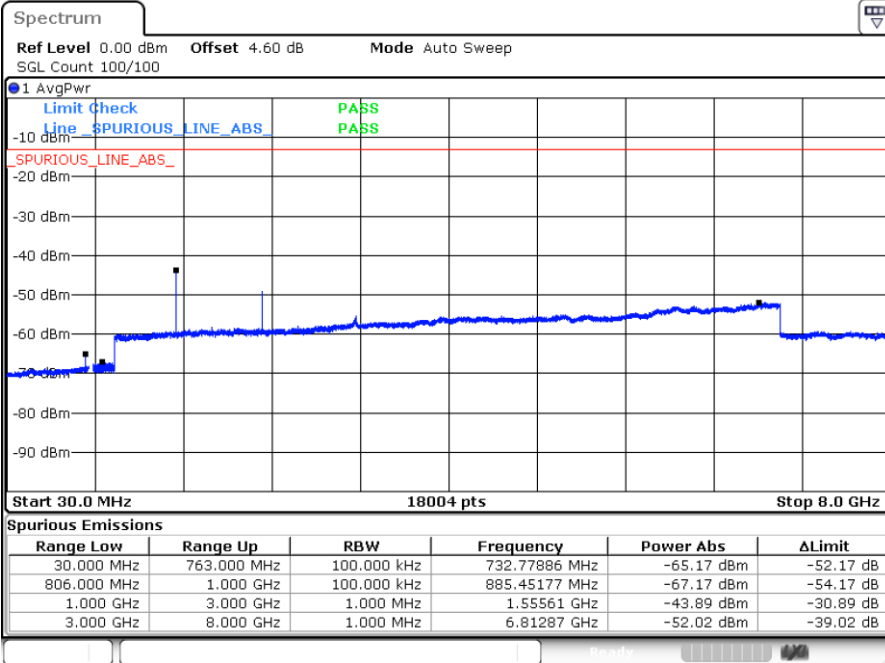
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 7.DEC.2024 22:43:33



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0065	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

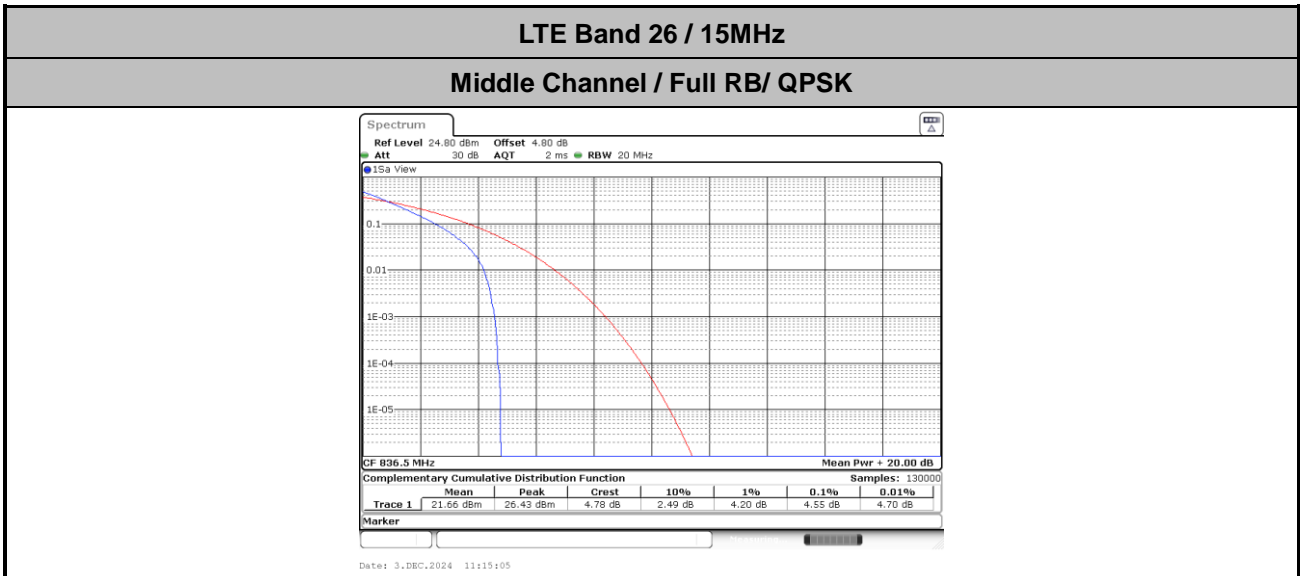
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

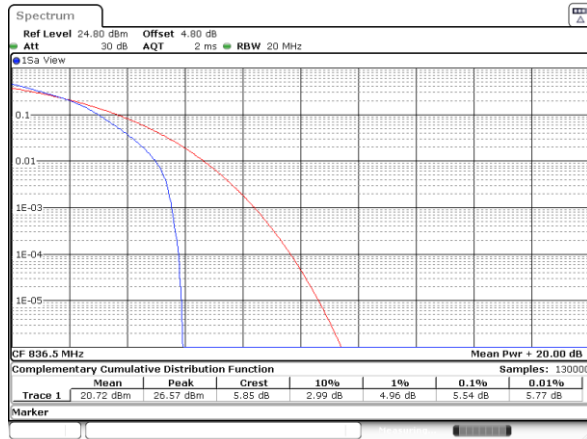
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.55	5.54	6.41	PASS
Mode	LTE Band 26 / 15MHz			
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.70			PASS



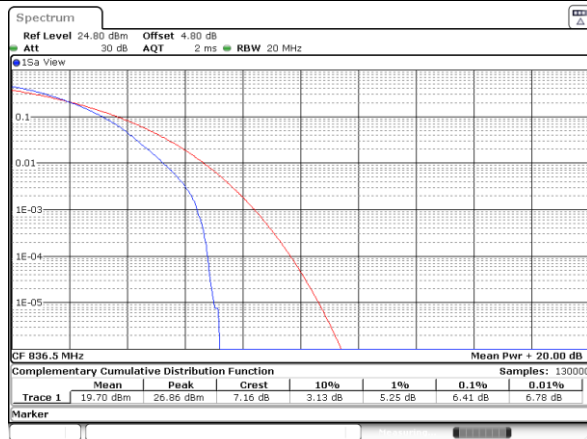


Middle Channel / Full RB/ 16QAM



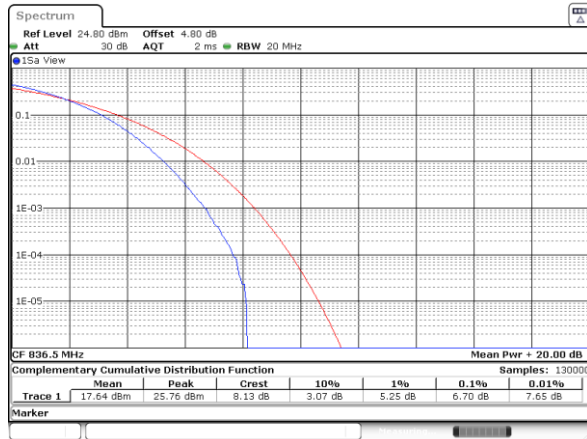
Date: 3.DEC.2024 11:15:31

Middle Channel / Full RB/ 64QAM



Date: 3.DEC.2024 11:15:57

Middle Channel / Full RB/256QAM

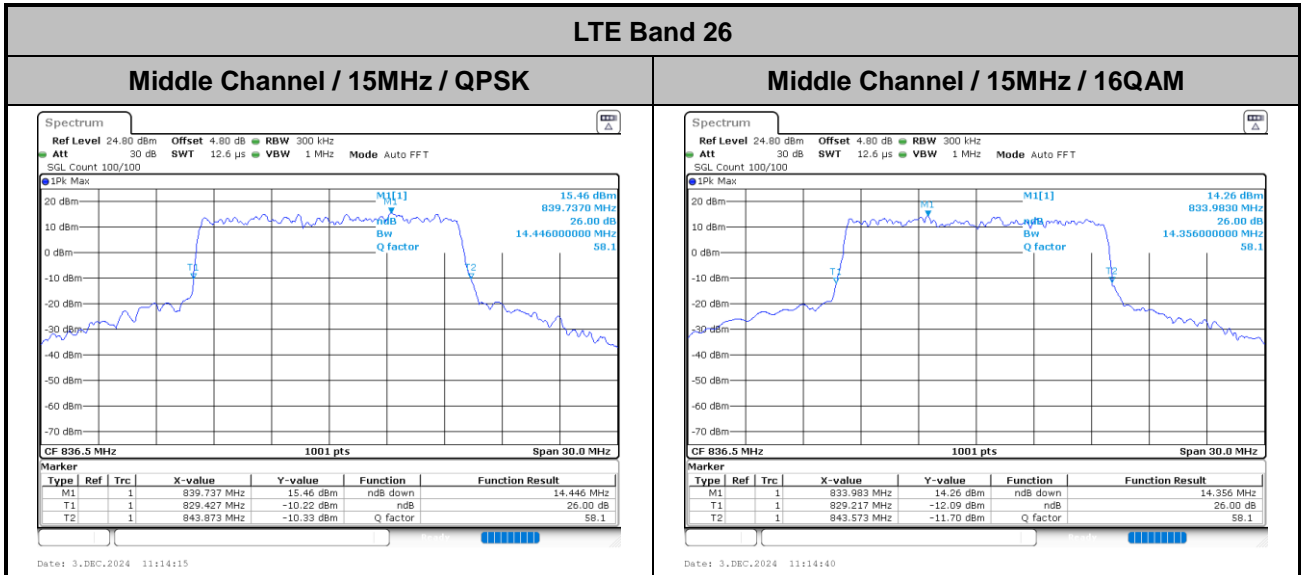


Date: 3.DEC.2024 11:16:23



26dB Bandwidth

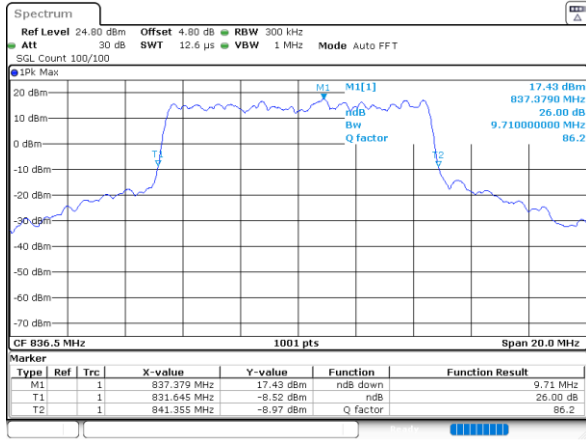
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.33	1.38
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.00	3.05
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.06	5.01
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.71	10.19
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.45	14.36





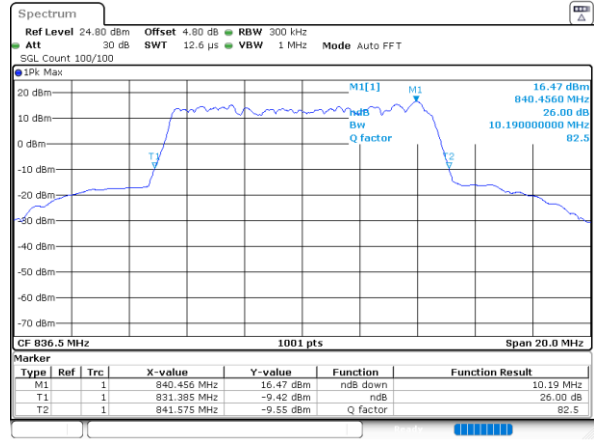
LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 3.DEC.2024 11:17:13

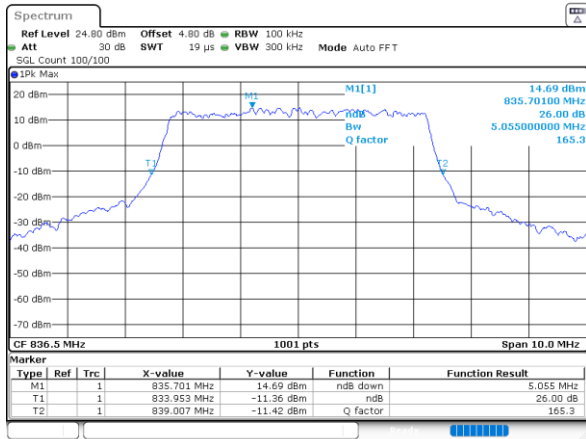
Middle Channel / 10MHz / 16QAM



Date: 3.DEC.2024 11:17:38

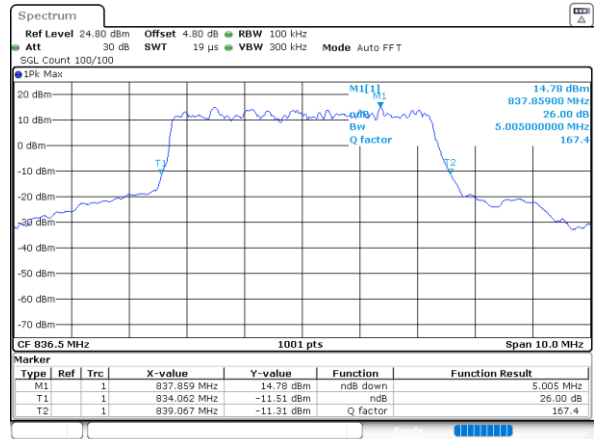
LTE Band 26

Middle Channel / 5MHz / QPSK



Date: 3.DEC.2024 11:18:52

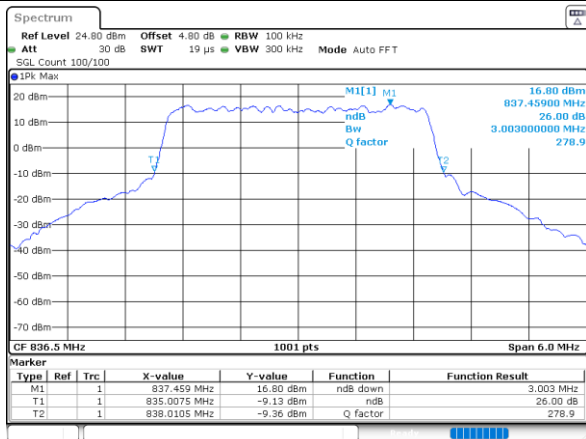
Middle Channel / 5MHz / 16QAM



Date: 3.DEC.2024 11:19:16

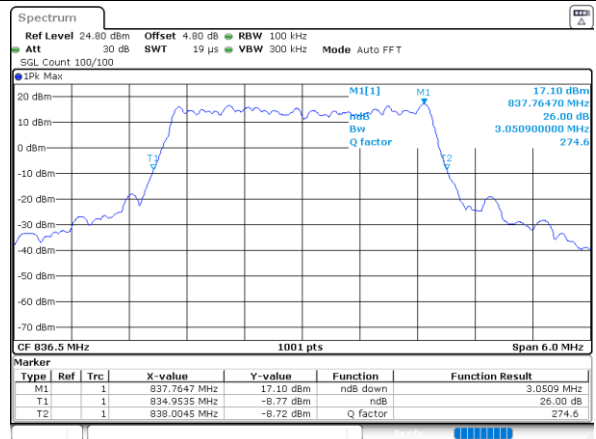
LTE Band 26

Middle Channel / 3MHz / QPSK



Date: 3.DEC.2024 11:20:30

Middle Channel / 3MHz / 16QAM

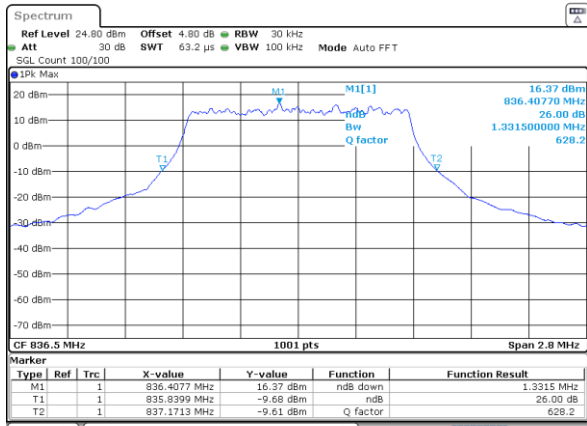


Date: 3.DEC.2024 11:20:55



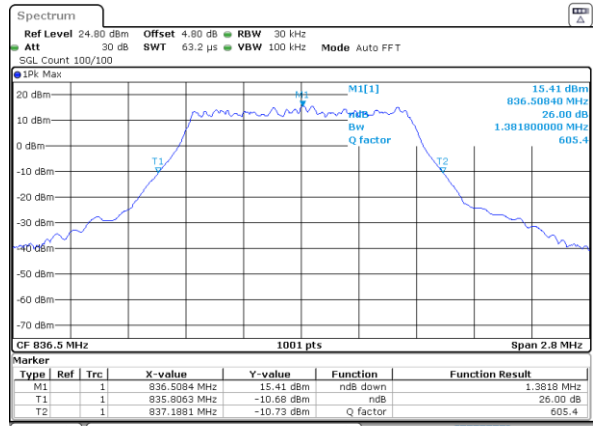
LTE Band 26

Middle Channel / 1.4MHz / QPSK



Date: 3,DEC,2024 12:22:15

Middle Channel / 1.4MHz / 16QAM



Date: 3,DEC,2024 12:22:40



Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.52	13.46
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.07
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.52	4.51
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.75
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	15MHz(CH26790)	
Mod.	QPSK	16QAM
HigCH	13.43	13.46