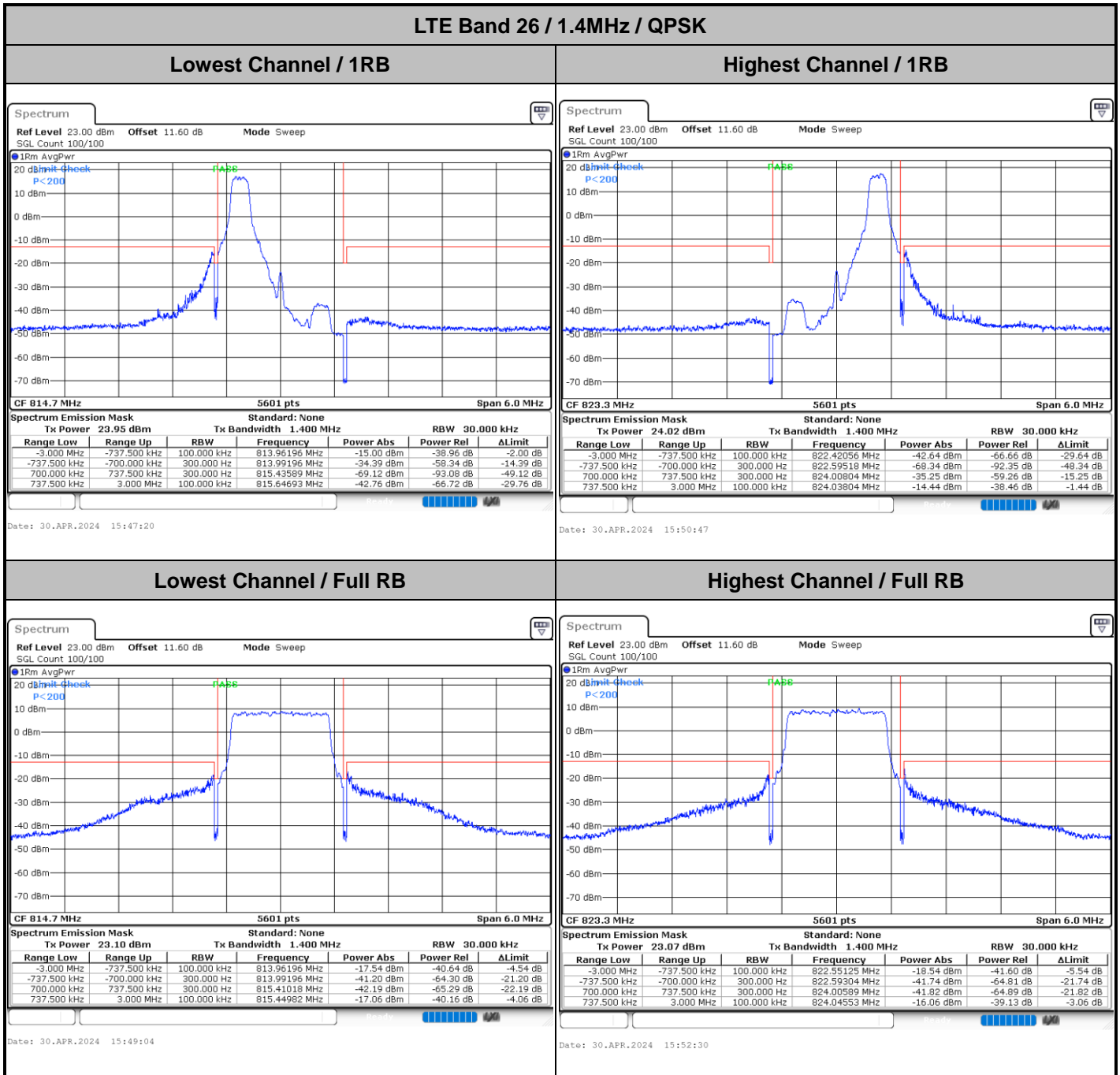




Emission masks – In-band emissions

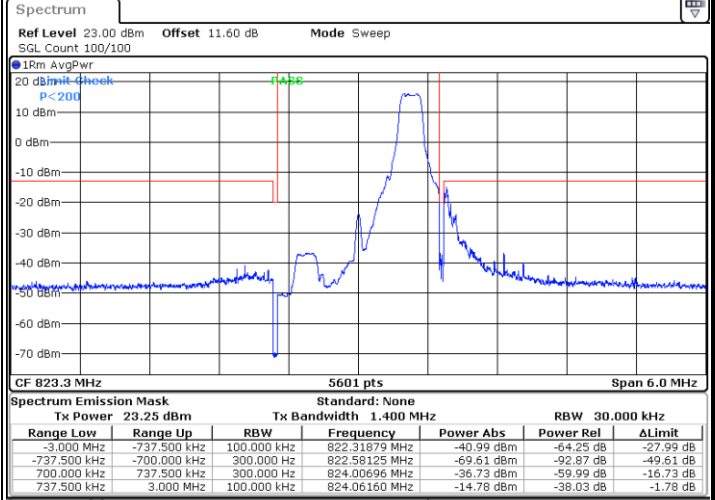
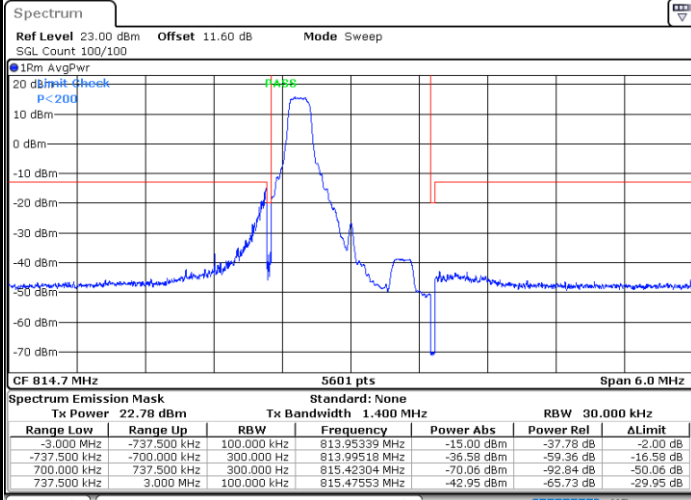




LTE Band 26 / 1.4MHz / 16QAM

Lowest Channel / 1 RB

Highest Channel / 1 RB

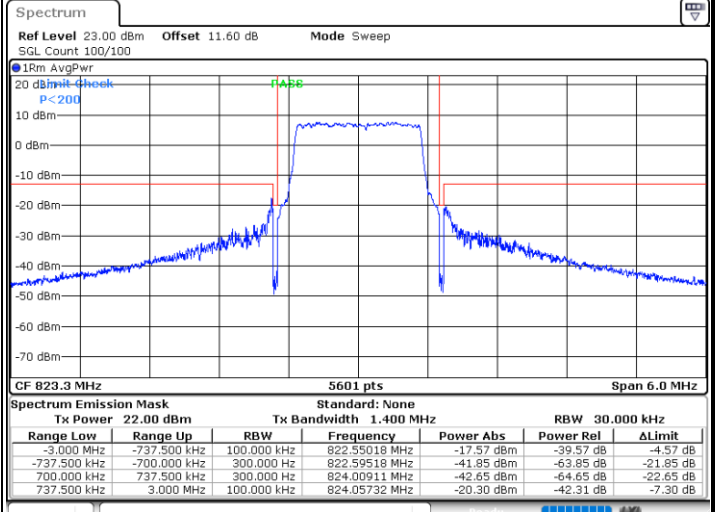
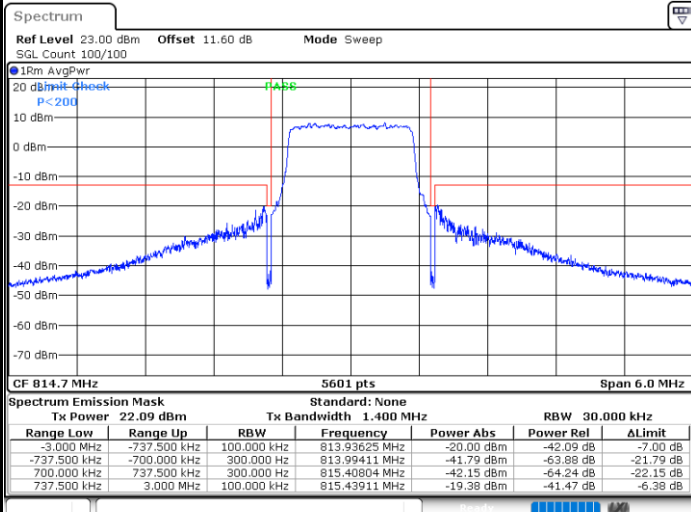


Date: 2.MAY.2024 12:34:29

Date: 30.APR.2024 15:51:38

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 30.APR.2024 15:49:55

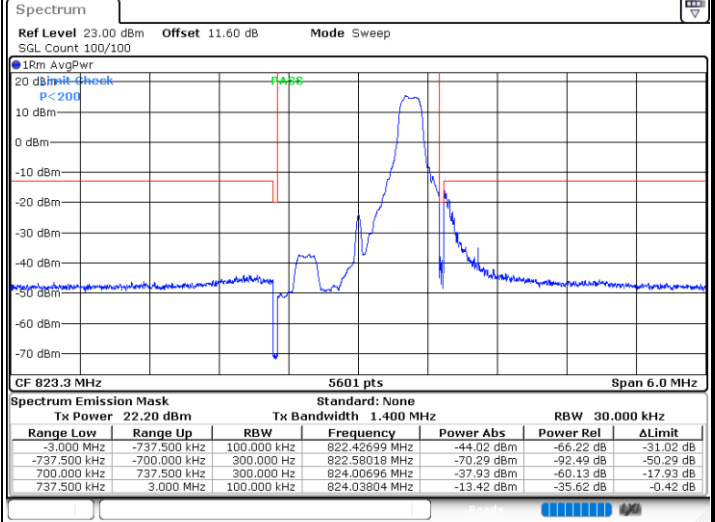
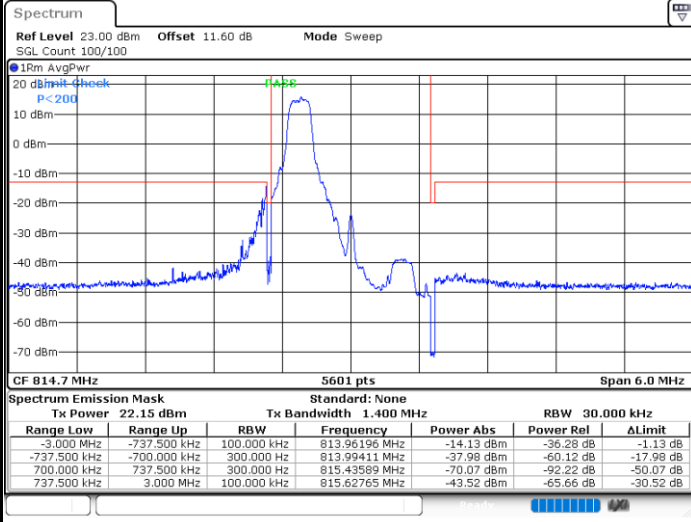
Date: 30.APR.2024 15:55:06



LTE Band 26 / 1.4MHz / 64QAM

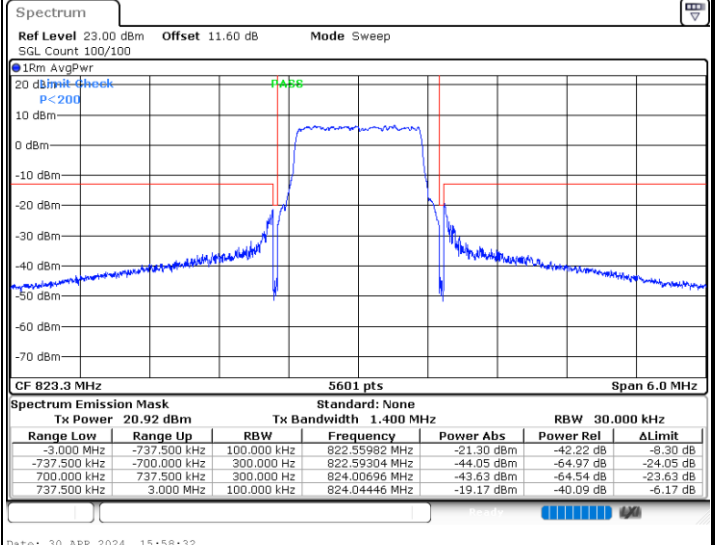
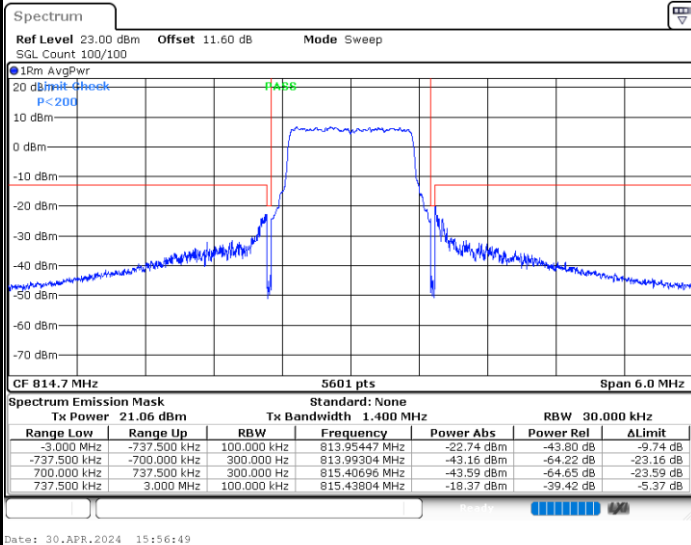
Lowest Channel / 1 RB

Highest Channel / 1 RB



Lowest Channel / Full RB

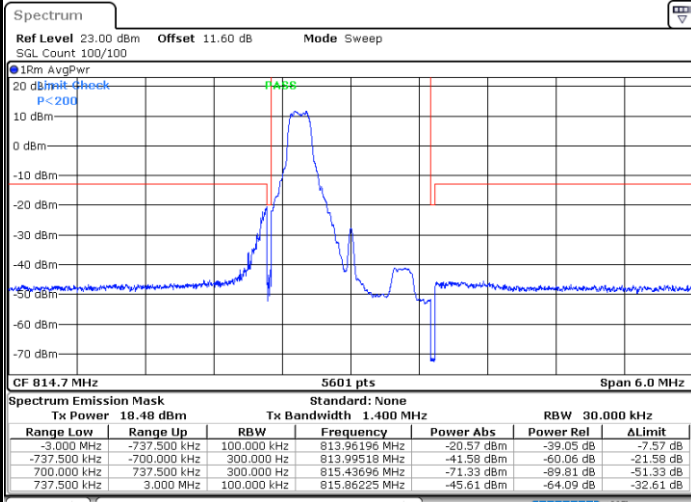
Highest Channel / Full RB





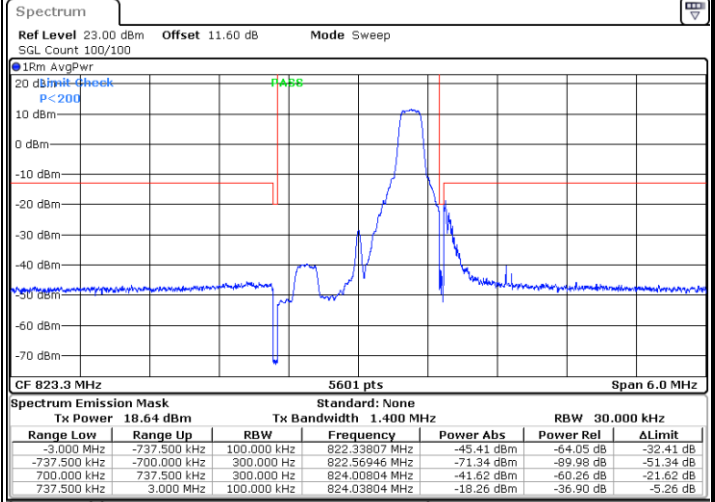
LTE Band 26 / 1.4MHz / 256QAM

Lowest Channel / 1 RB



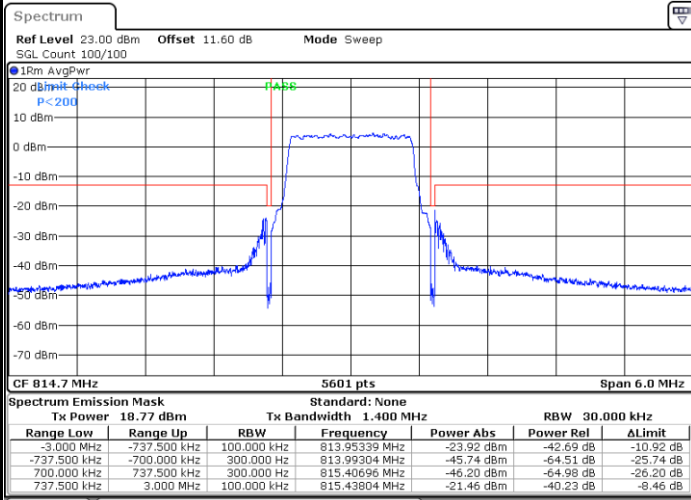
Date: 2.MAY.2024 11:05:13

Highest Channel / 1 RB



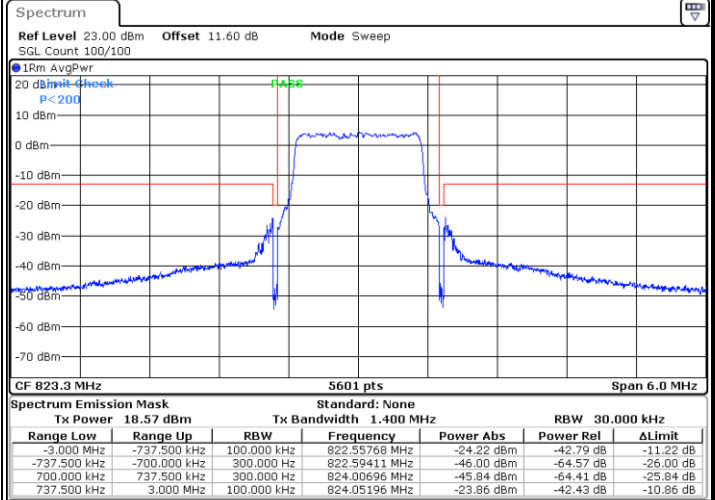
Date: 2.MAY.2024 11:07:24

Lowest Channel / Full RB



Date: 2.MAY.2024 11:06:17

Highest Channel / Full RB



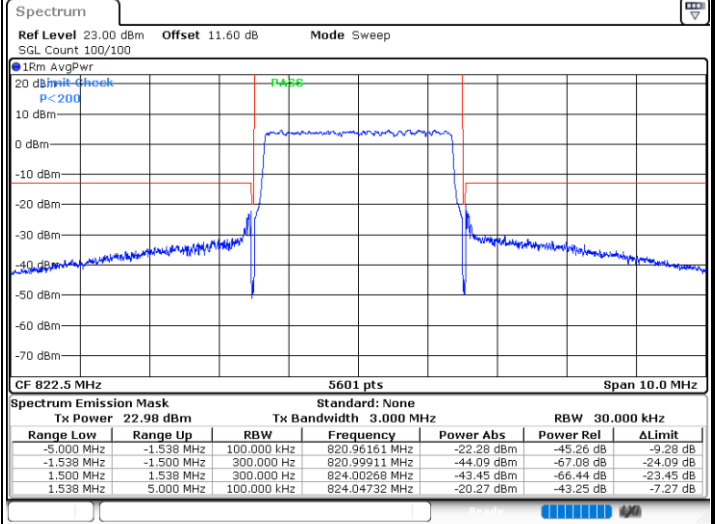
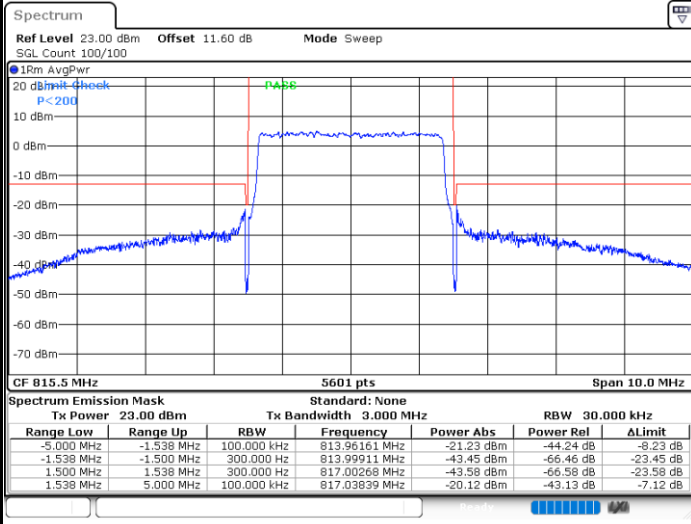
Date: 2.MAY.2024 11:09:33



LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

Highest Channel / Full RB



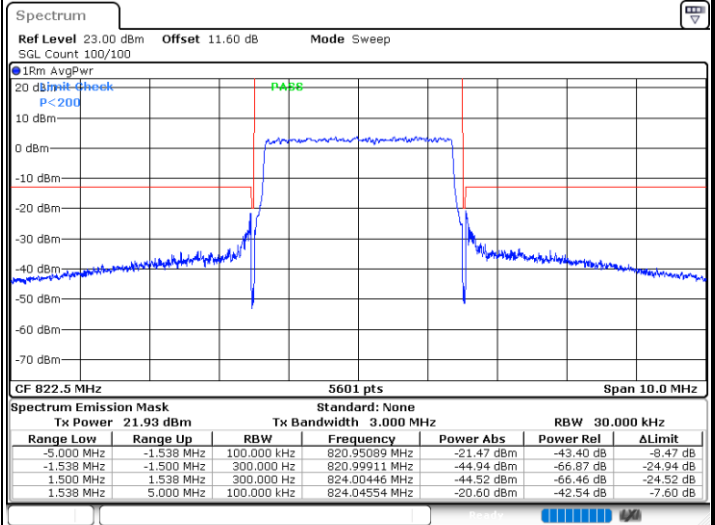
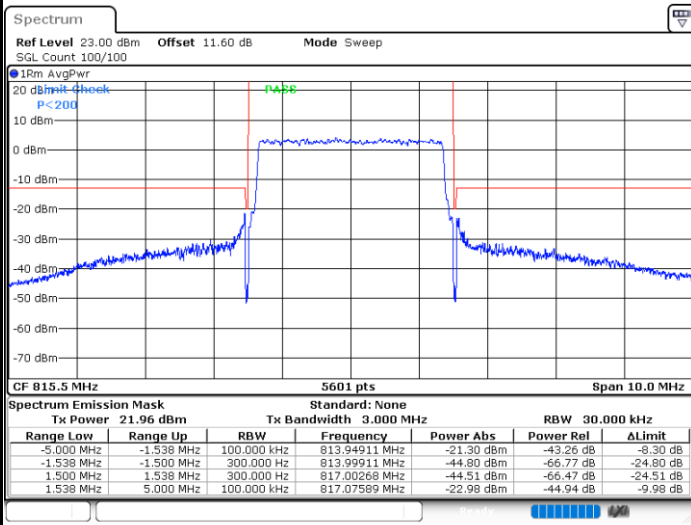
Date: 30.APR.2024 16:07:50

Date: 30.APR.2024 16:09:36

LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 30.APR.2024 16:08:44

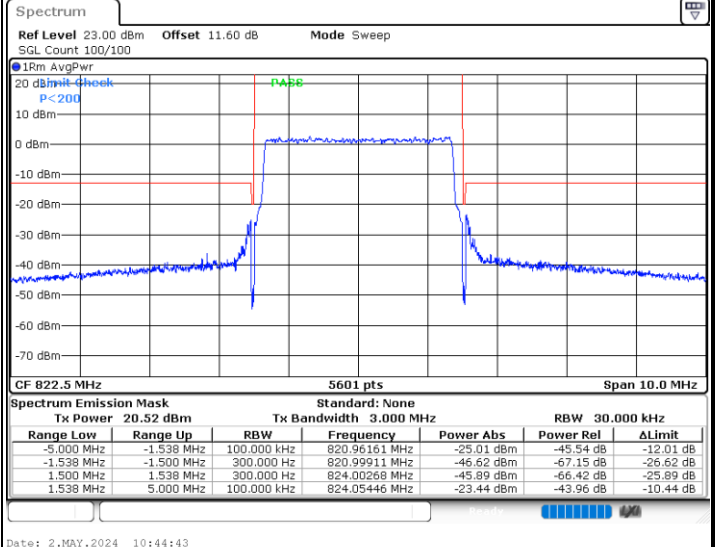
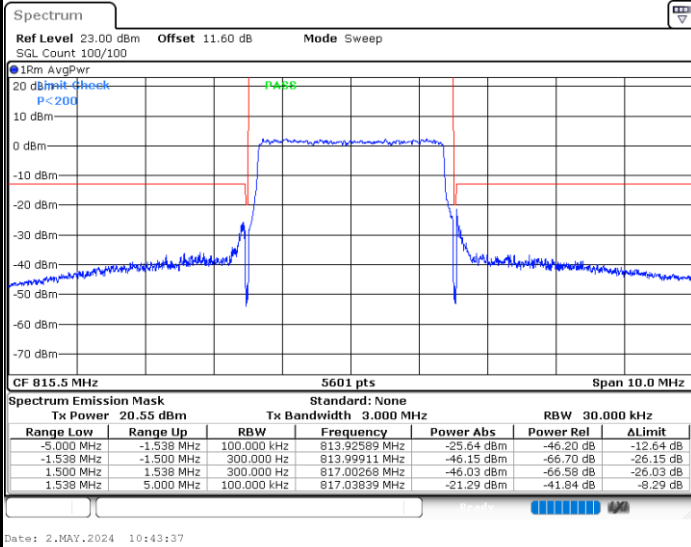
Date: 30.APR.2024 16:10:27



LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

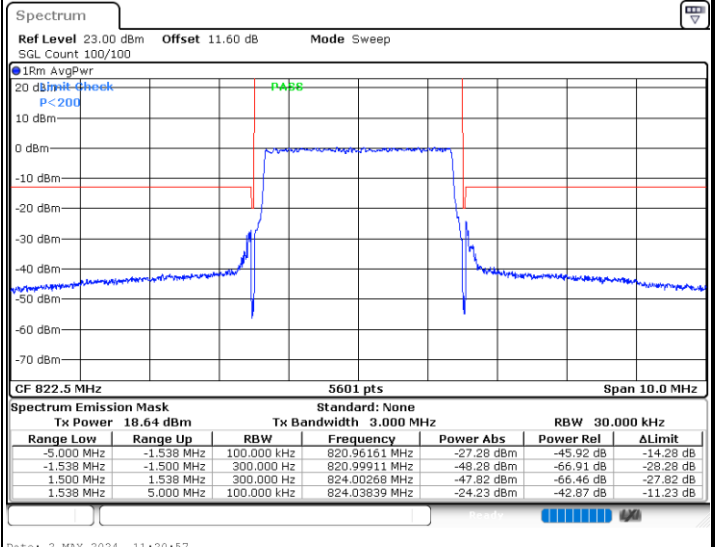
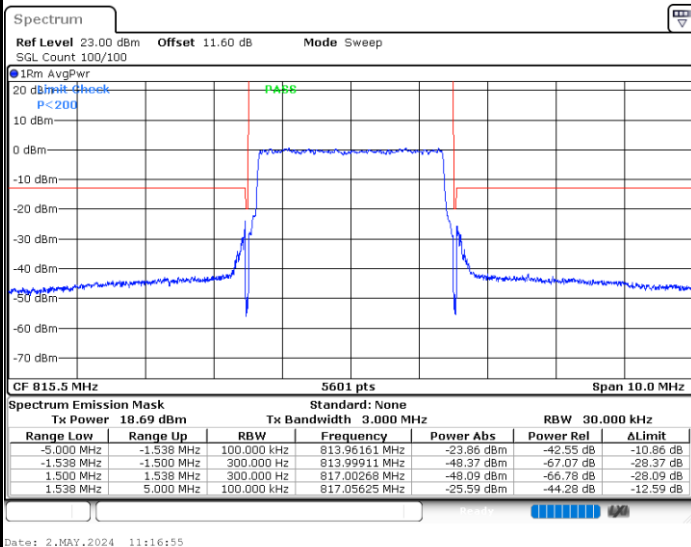
Highest Channel / Full RB



LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB

Highest Channel / Full RB

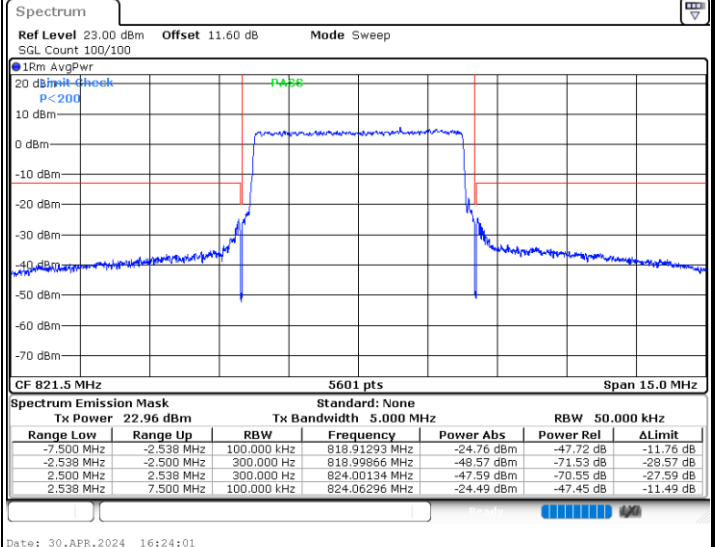
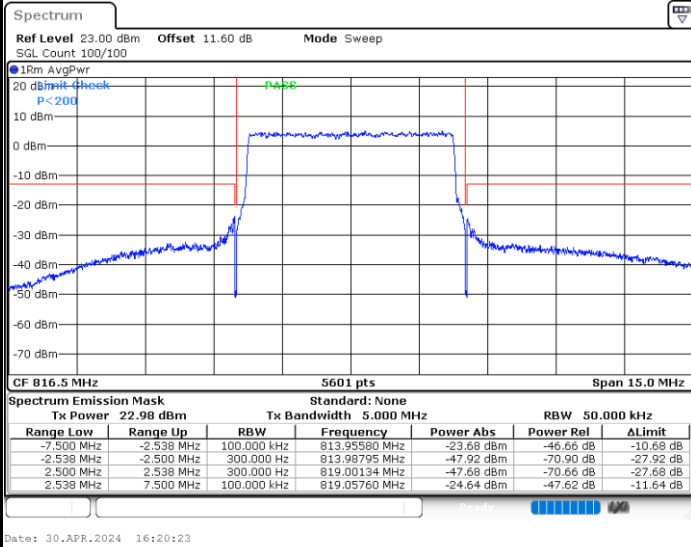




LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

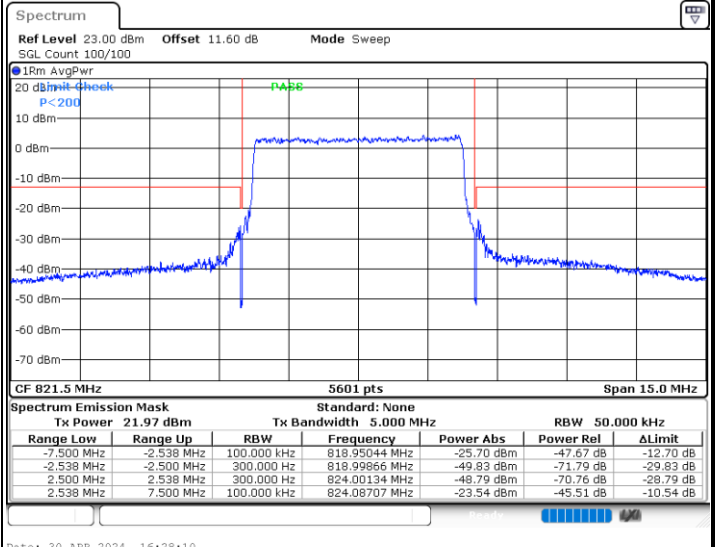
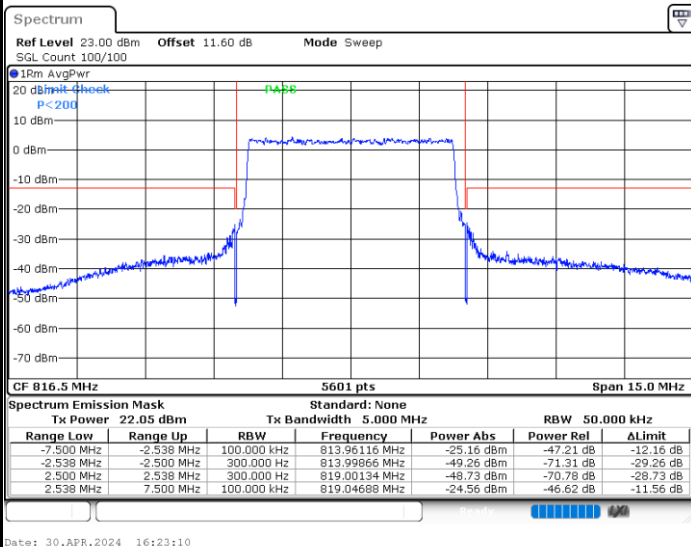
Highest Channel / Full RB



LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB

Highest Channel / Full RB

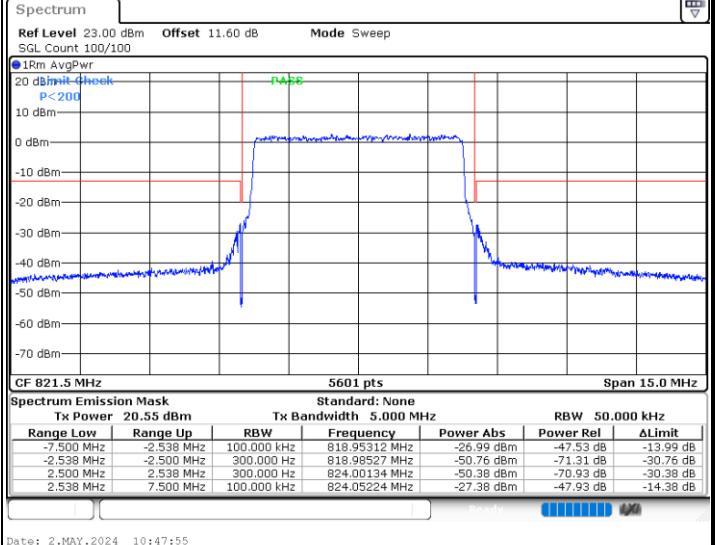
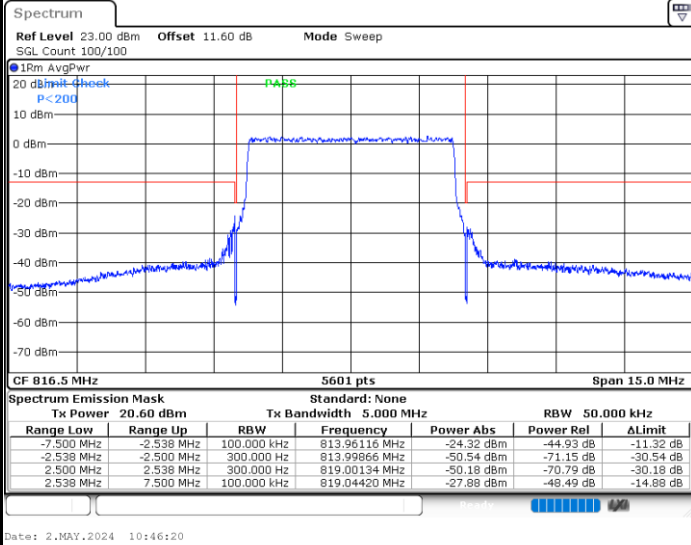




LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

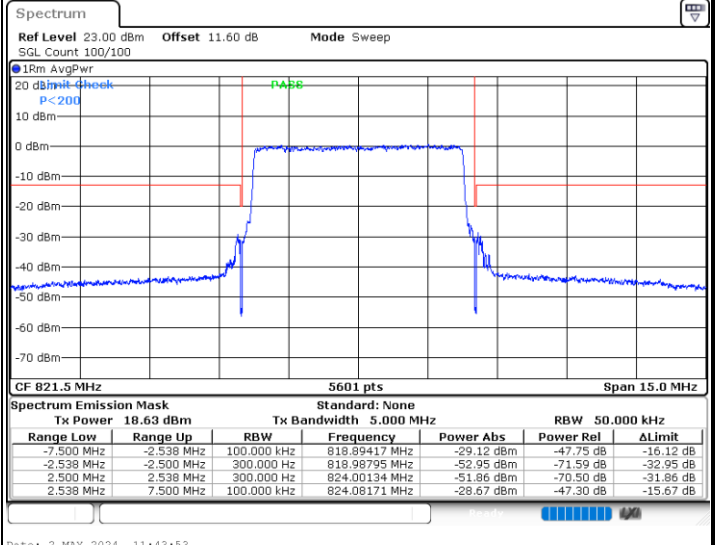
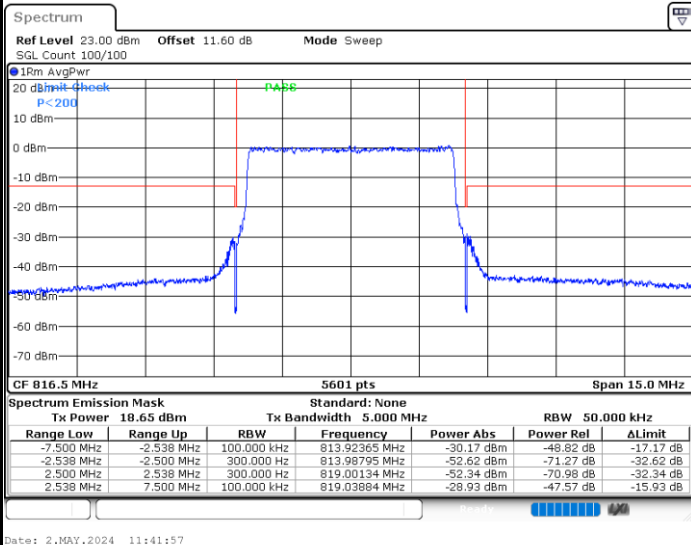
Highest Channel / Full RB

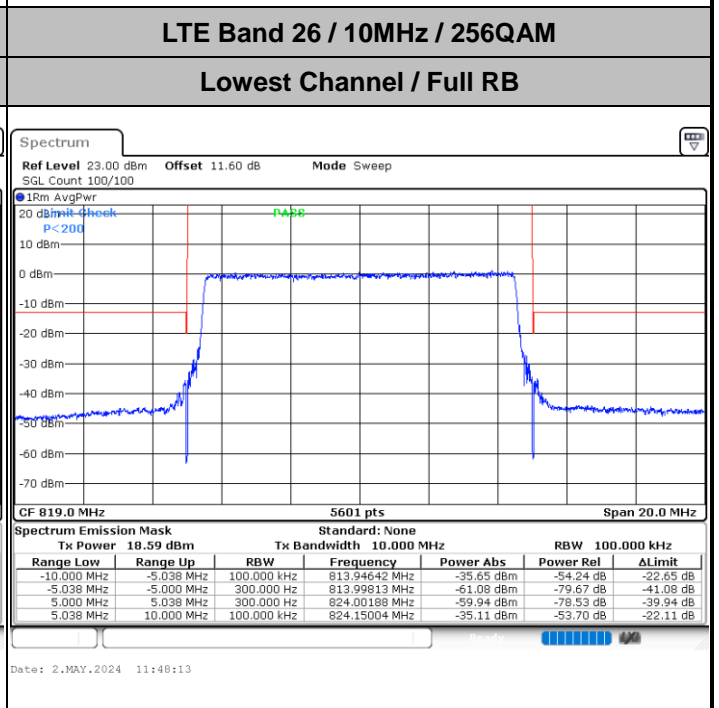
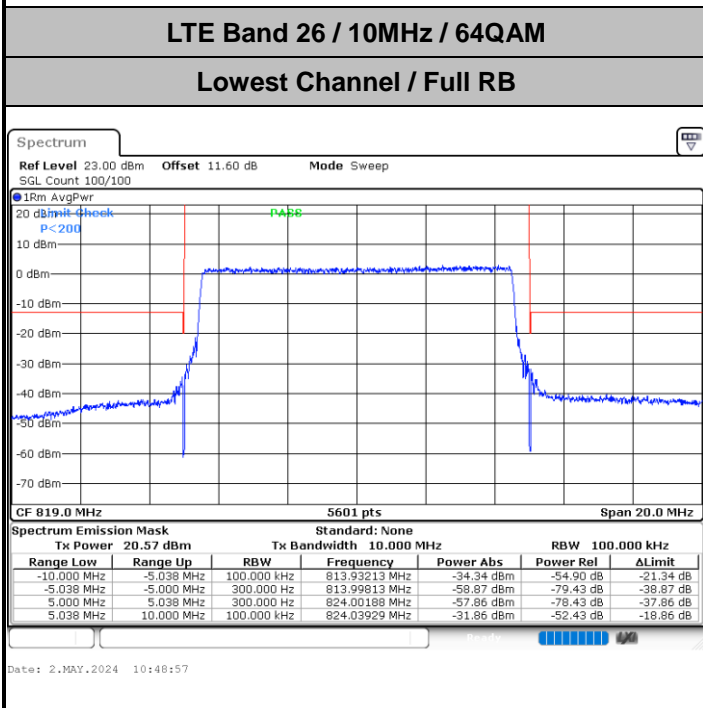
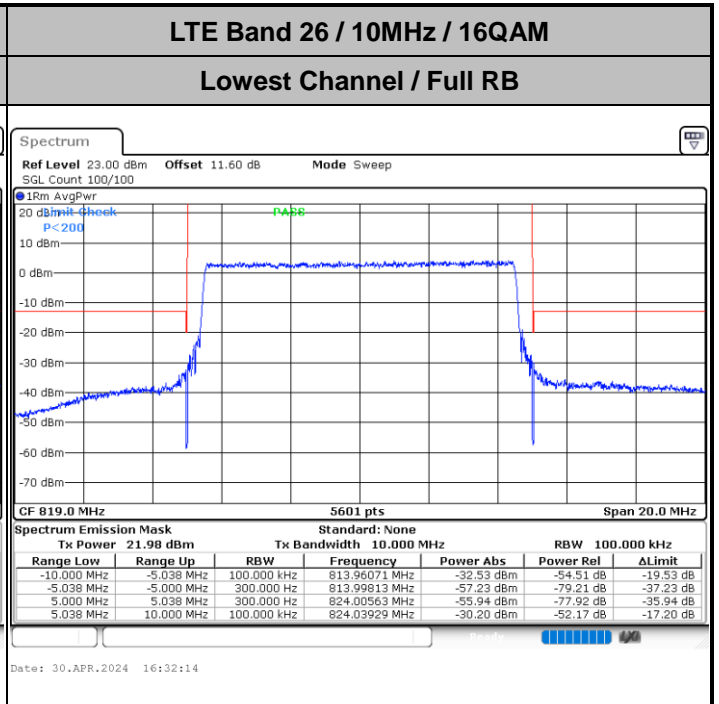
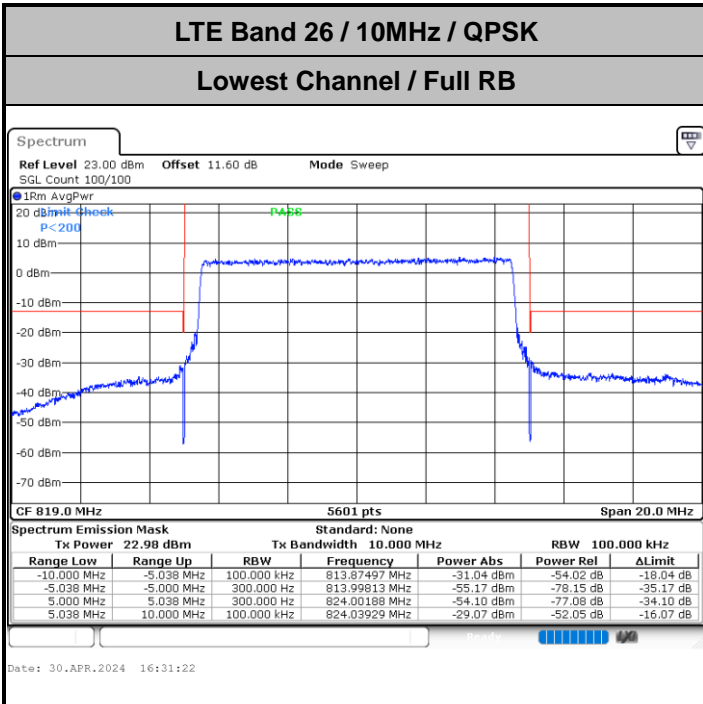


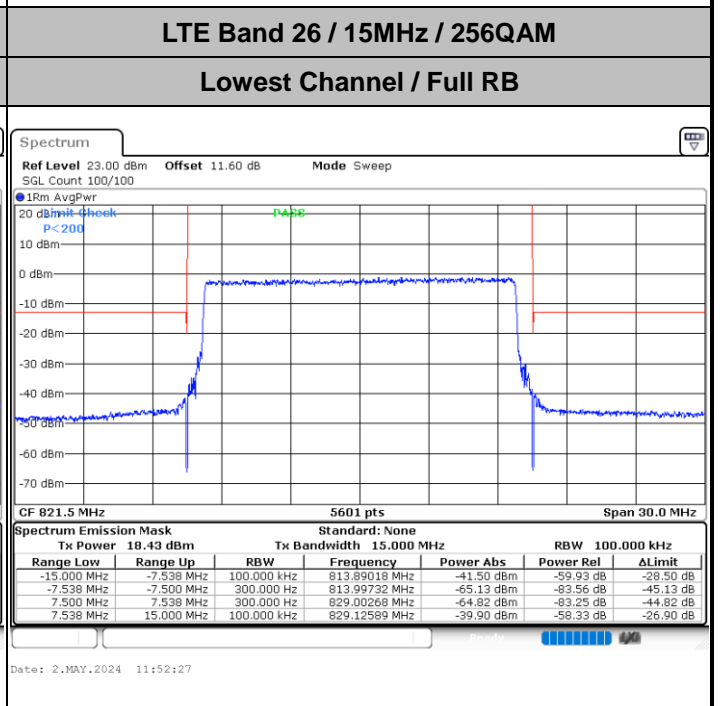
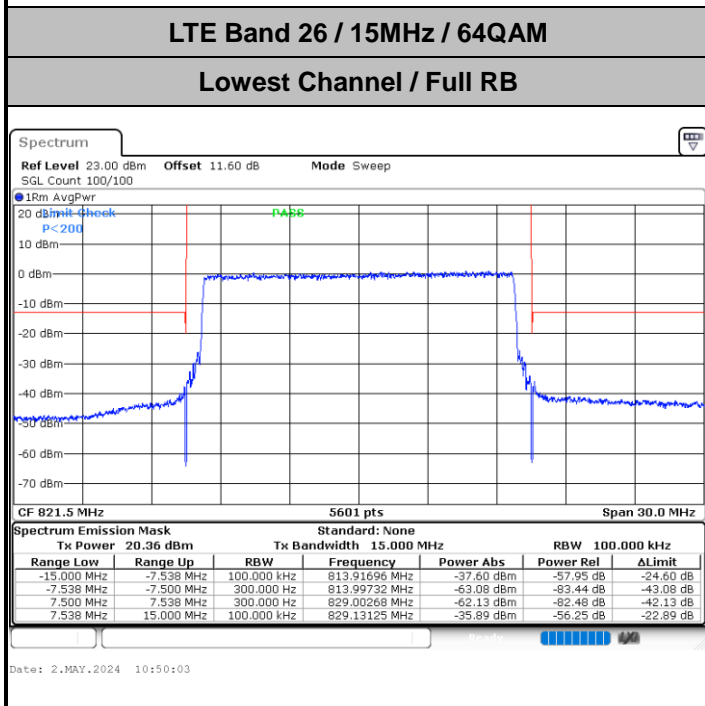
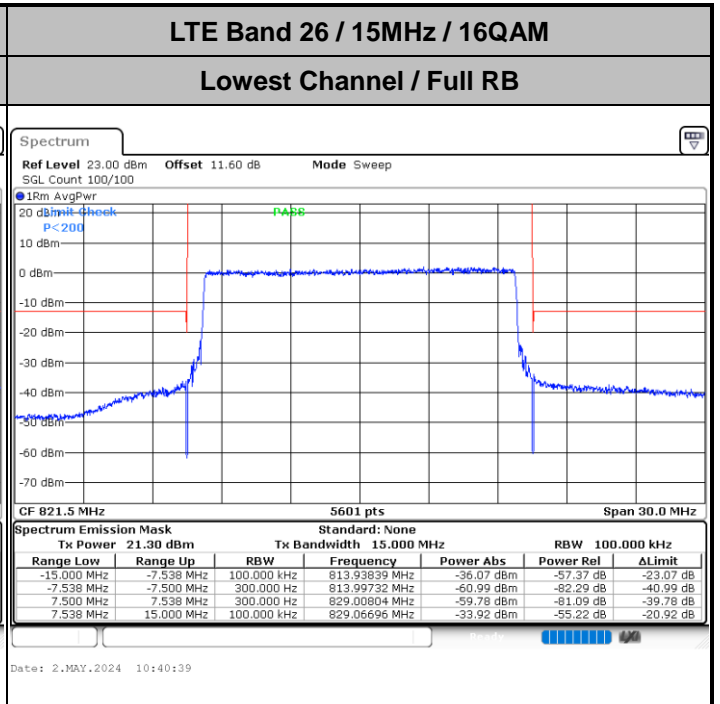
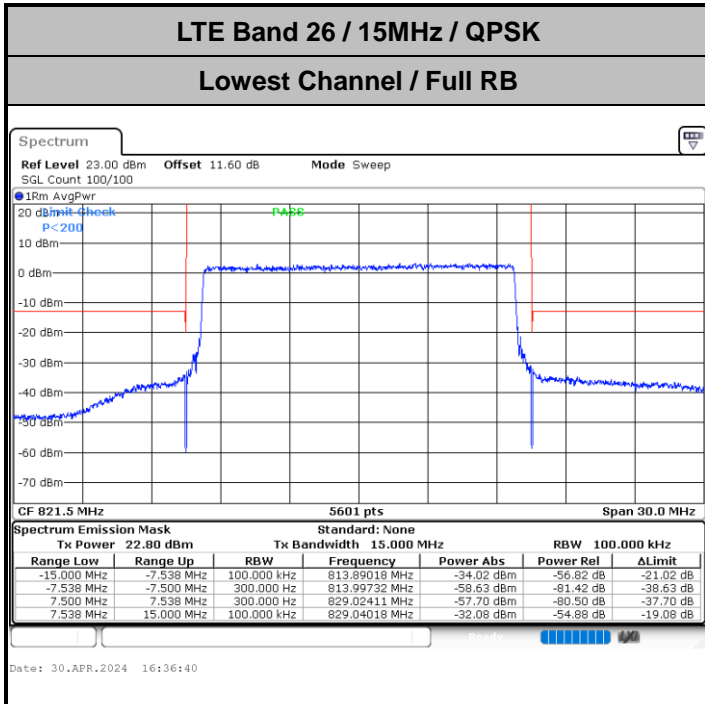
LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB

Highest Channel / Full RB

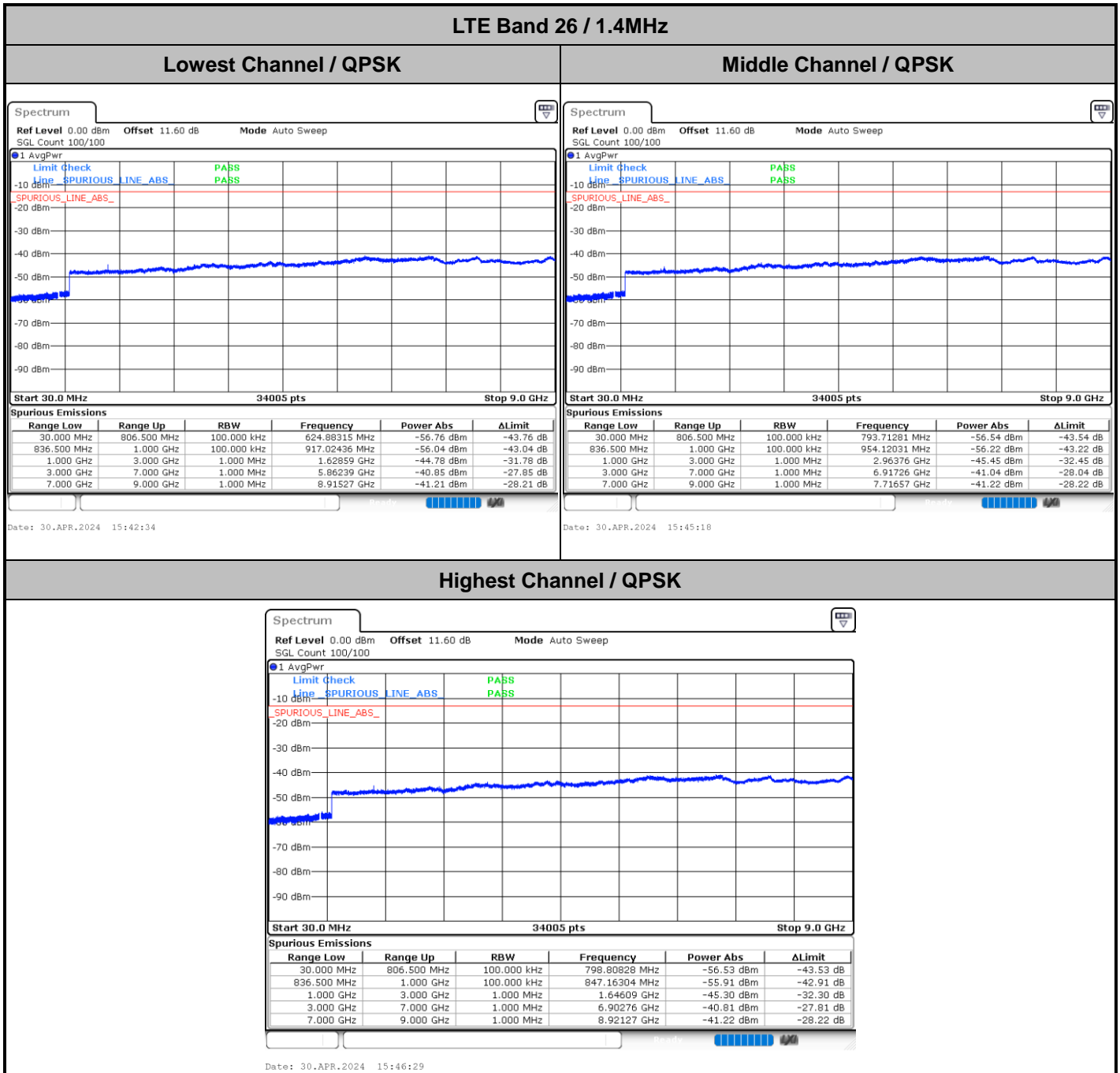








Emission masks – Out of band emissions

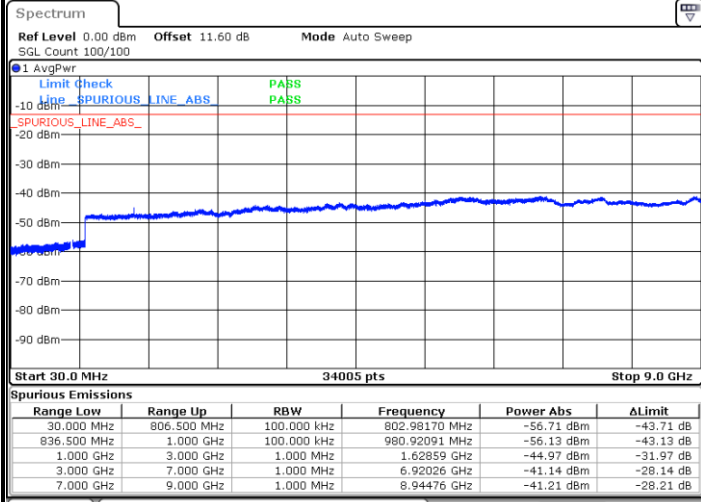




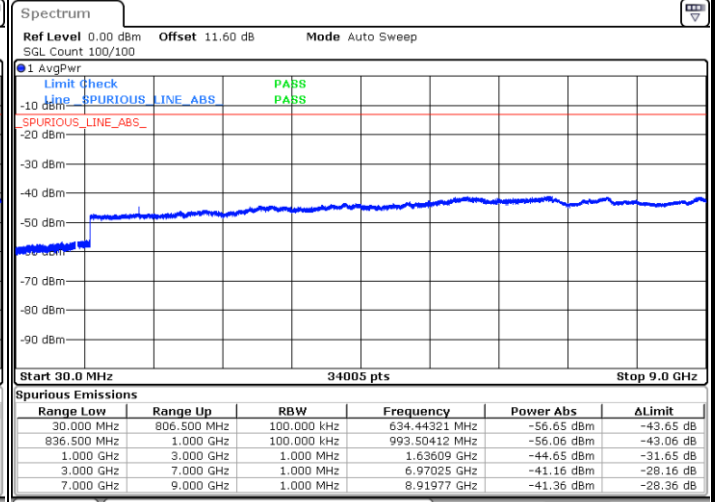
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

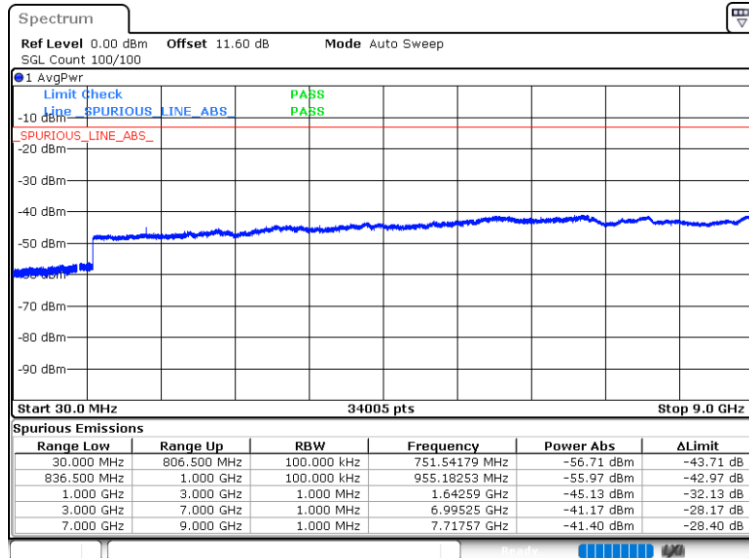


Date: 2.MAY.2024 12:17:15



Date: 2.MAY.2024 12:18:43

Highest Channel / QPSK



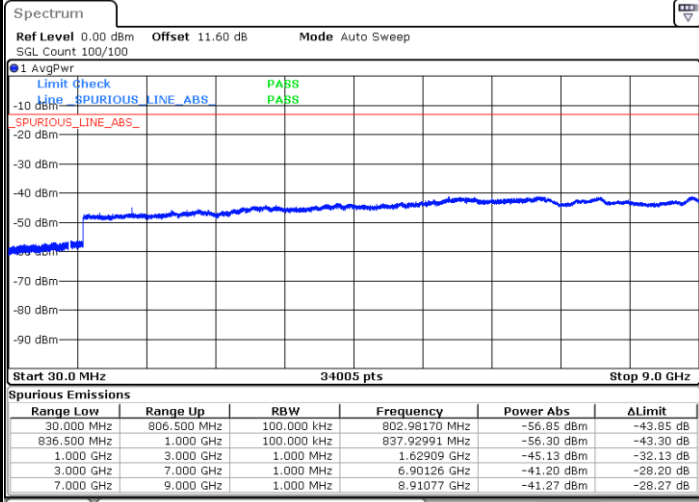
Date: 2.MAY.2024 12:20:09



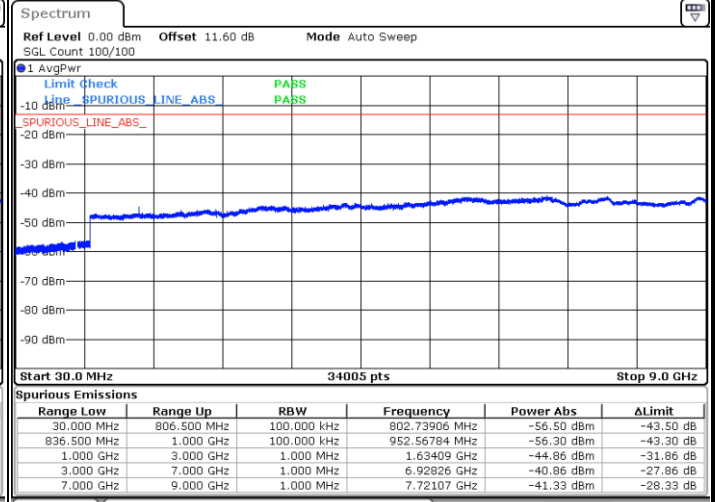
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

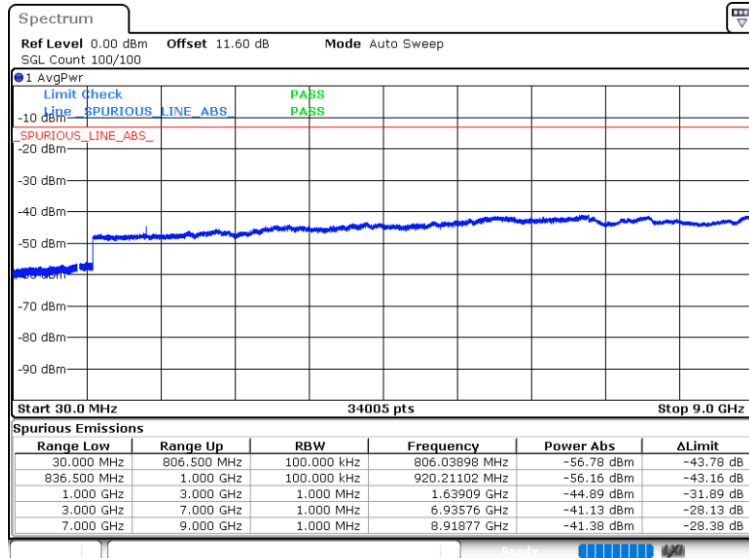


Date: 2.MAY.2024 12:22:54



Date: 2.MAY.2024 12:24:22

Highest Channel / QPSK

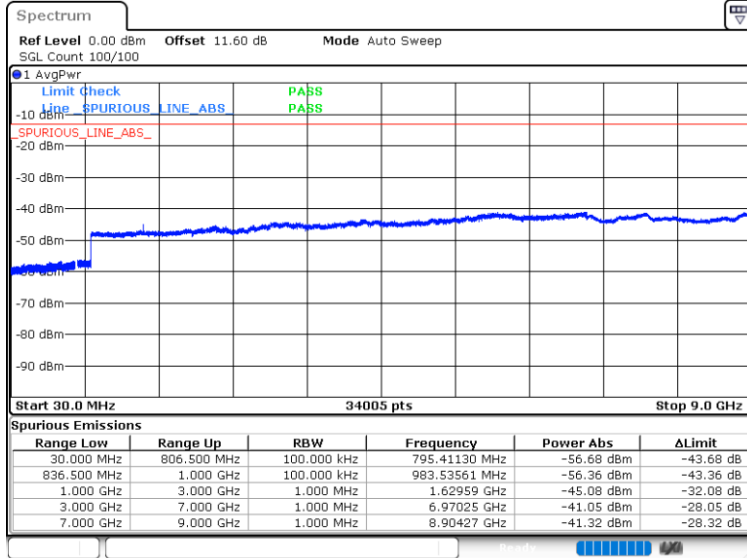


Date: 2.MAY.2024 12:25:49



LTE Band 26 / 10MHz

Middle Channel / QPSK

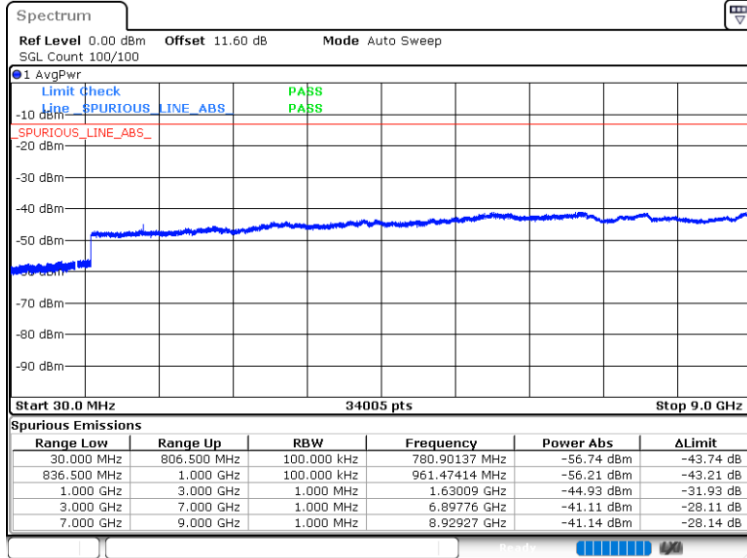


Date: 2.MAY.2024 12:28:45



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 2.MAY.2024 12:30:11



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0074	PASS
40	Normal Voltage	0.0077	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0050	
0	Normal Voltage	0.0101	
-10	Normal Voltage	0.0145	
-20	Normal Voltage	0.0158	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0127	

Note: Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0082	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0194	
-20	Normal Voltage	0.0006	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

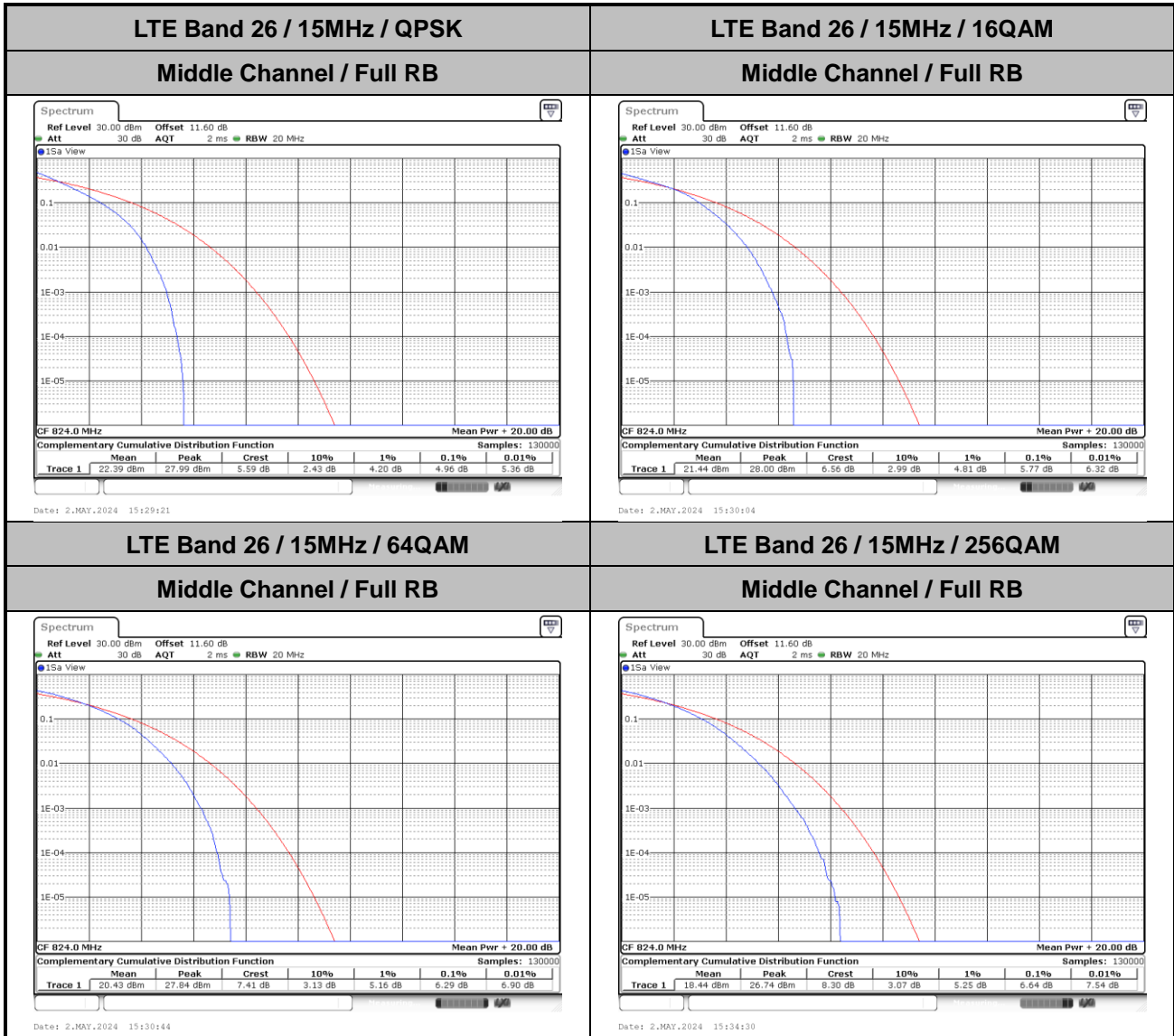
Note: Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.



LTE Band 26_Part 90S_824M

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.77	6.29	6.64	PASS





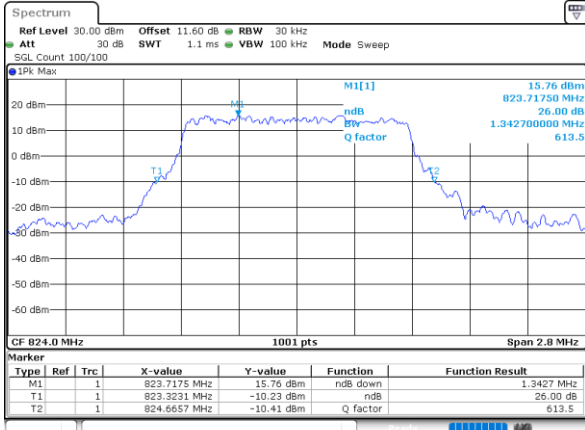
26dB Bandwidth

Mode	LTE Band 26 : 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	1.34	1.30	3.00	3.06	4.98	4.95	9.78	9.73	14.50	14.29	-	-
Mode	LTE Band 26 : 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	1.30	1.29	3.05	3.05	4.93	4.95	9.91	9.81	14.32	14.35	-	-



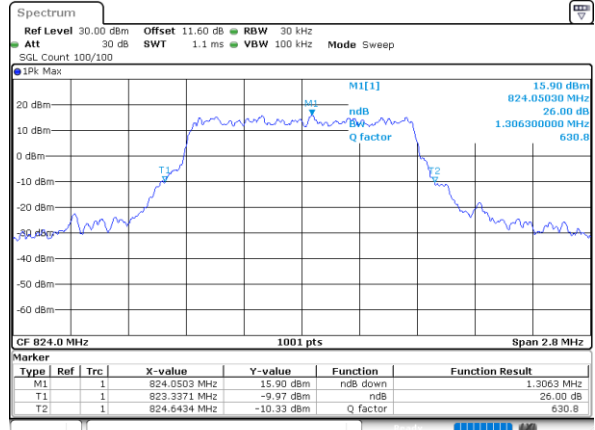
LTE Band 26

Middle Channel / 1.4MHz / QPSK



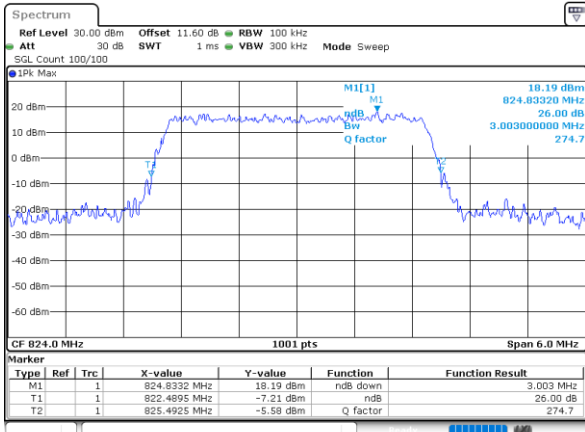
Date: 2.MAY.2024 12:37:12

Middle Channel / 1.4MHz / 16QAM



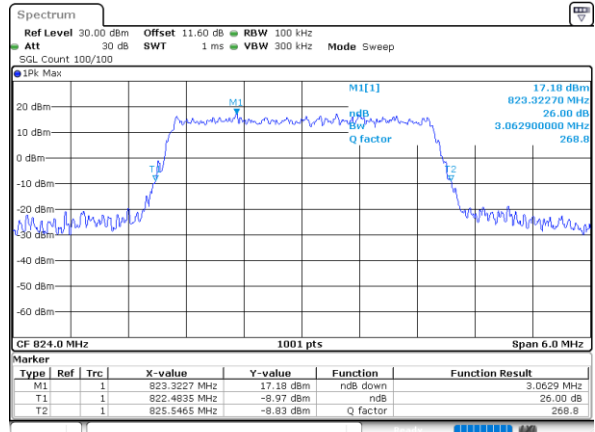
Date: 2.MAY.2024 12:37:46

Middle Channel / 3MHz / QPSK



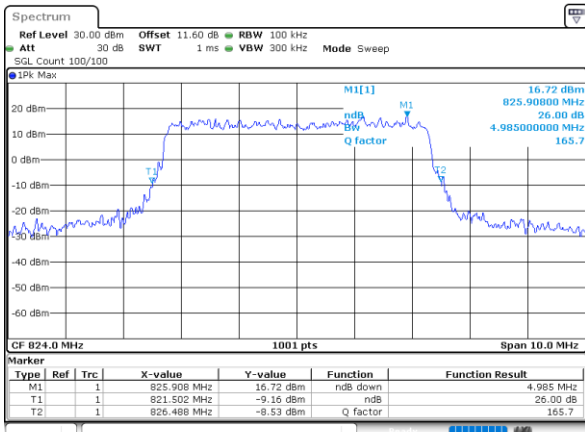
Date: 2.MAY.2024 12:42:47

Middle Channel / 3MHz / 16QAM



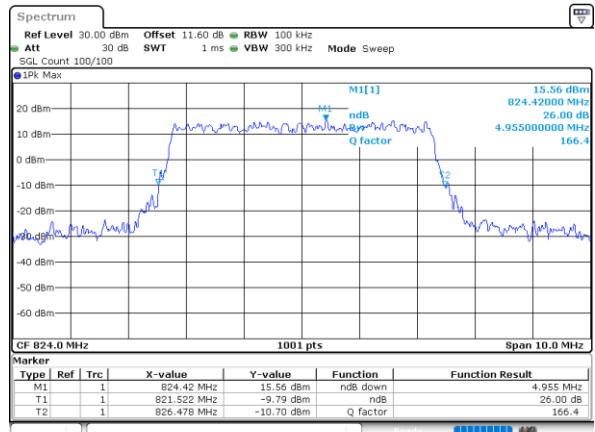
Date: 2.MAY.2024 12:43:21

Middle Channel / 5MHz / QPSK



Date: 2.MAY.2024 14:40:58

Middle Channel / 5MHz / 16QAM

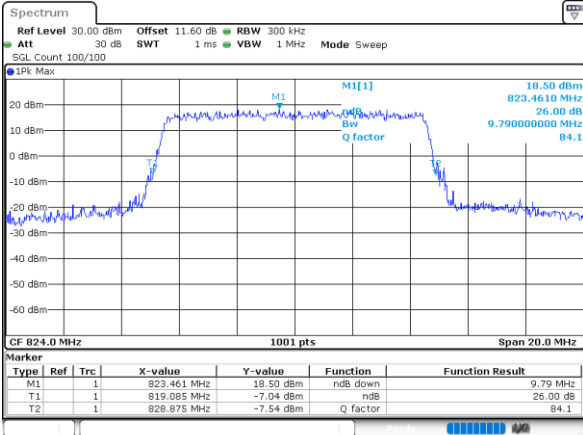


Date: 2.MAY.2024 14:41:39

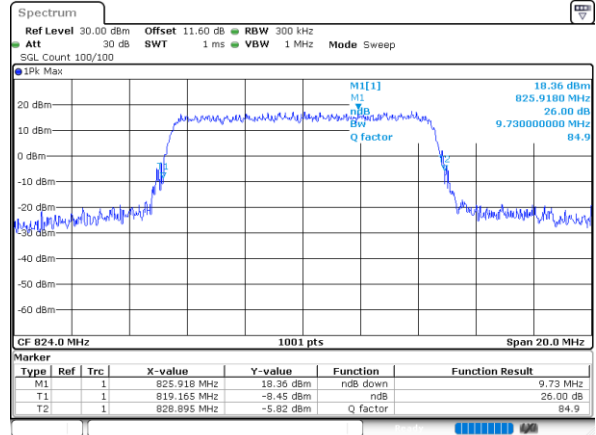


LTE Band 26

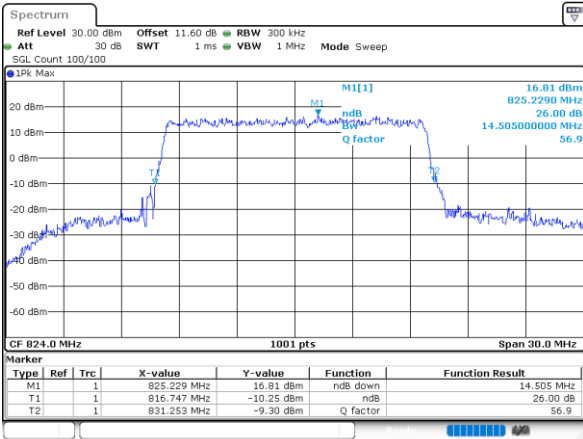
Middle Channel / 10MHz / QPSK



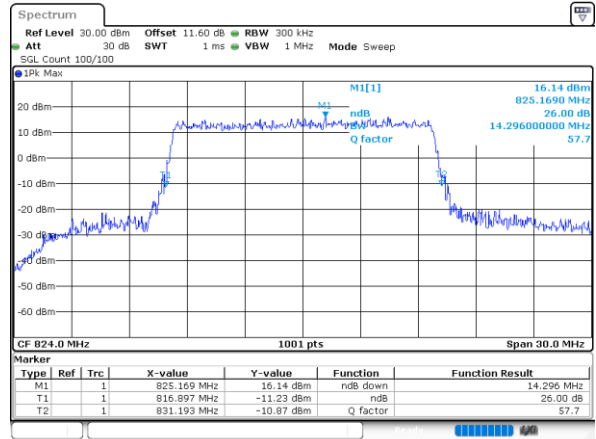
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



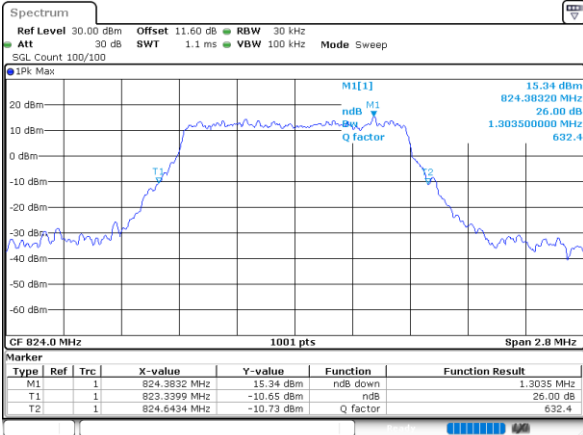
Middle Channel / 15MHz / 16QAM



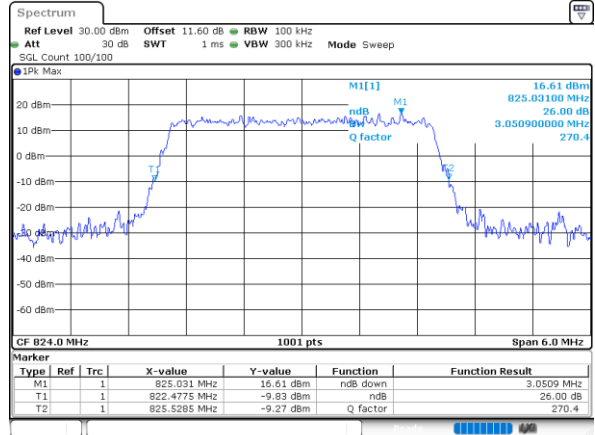


LTE Band 26

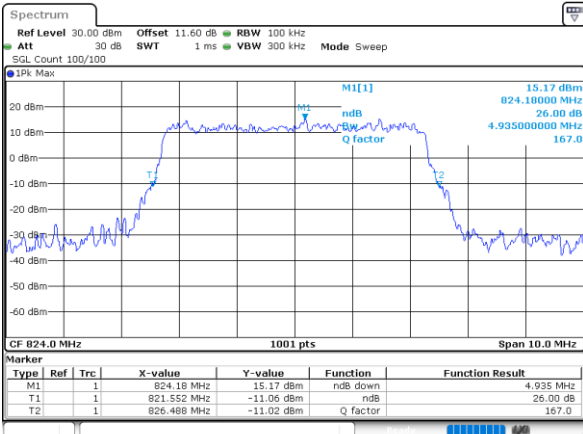
Middle Channel / 1.4MHz / 64QAM



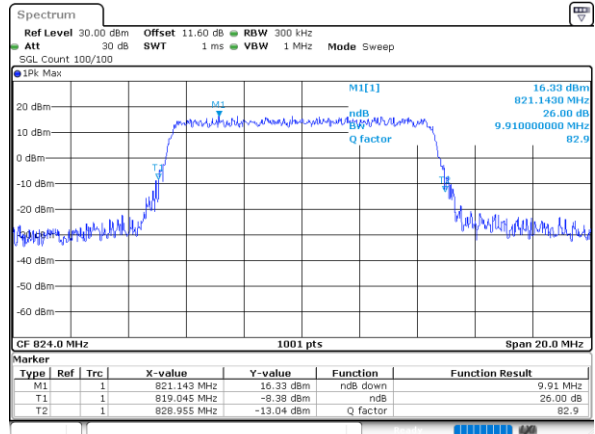
Middle Channel / 3MHz / 64QAM



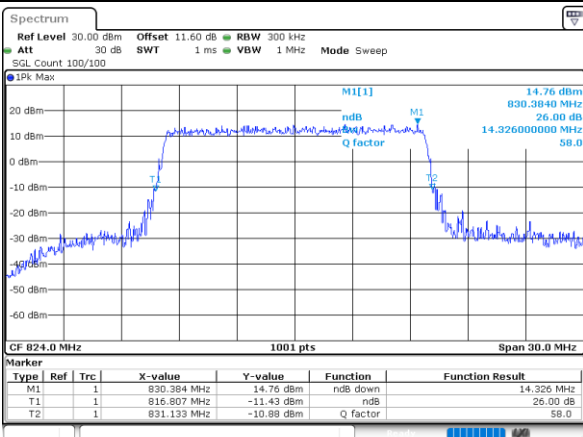
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

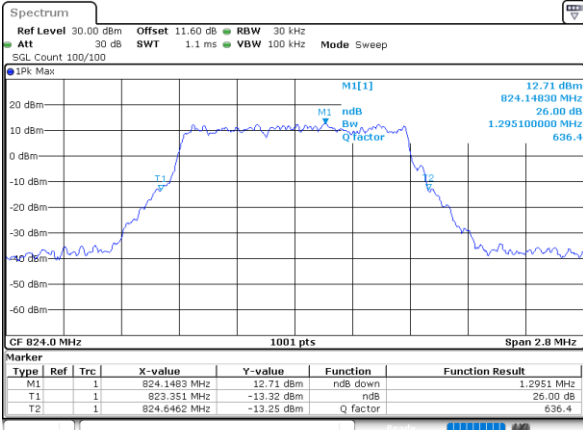


N/A

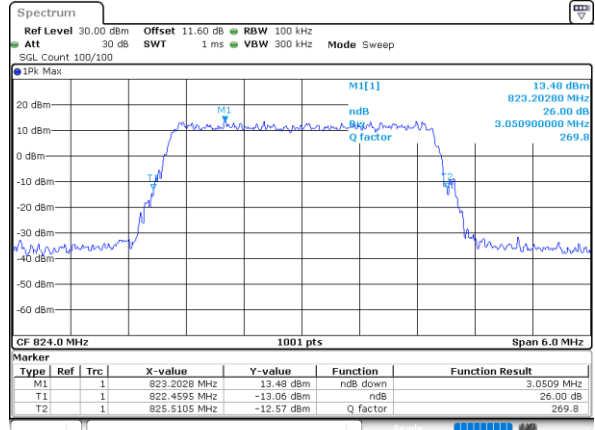


LTE Band 26

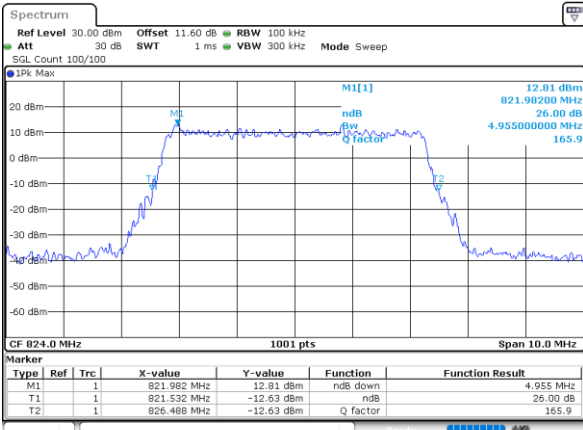
Middle Channel / 1.4MHz / 256QAM



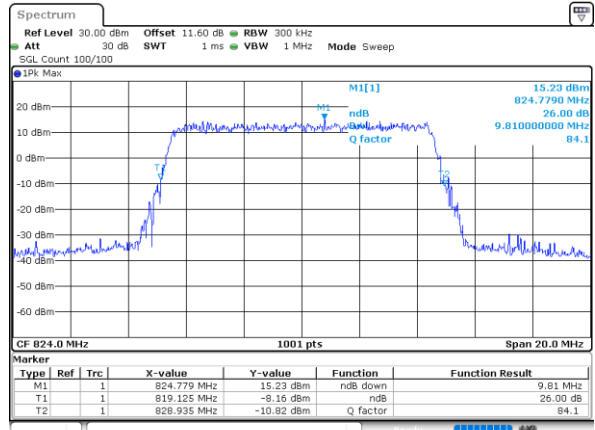
Middle Channel / 3MHz / 256QAM



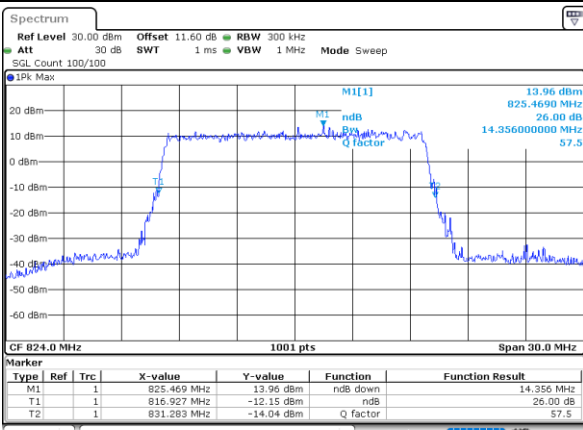
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



N/A



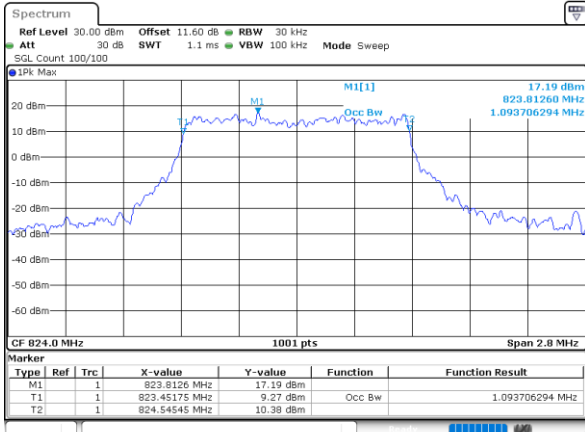
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.73	2.73	4.51	4.50	9.05	9.01	13.48	13.45	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.73	2.72	4.50	4.48	9.01	9.05	13.48	13.48	-	-

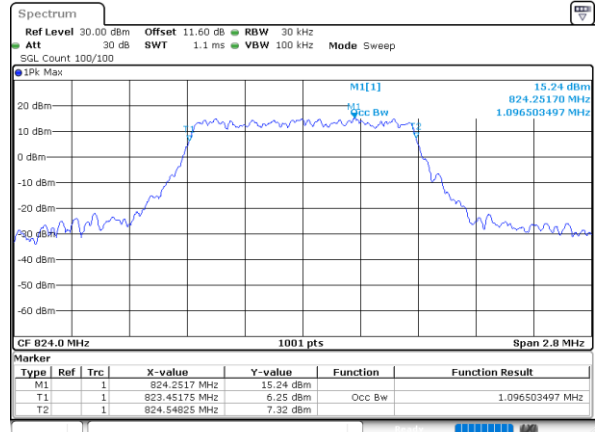


LTE Band 26

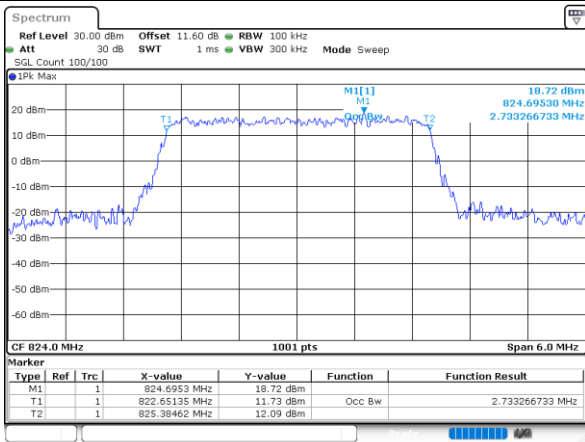
Middle Channel / 1.4MHz / QPSK



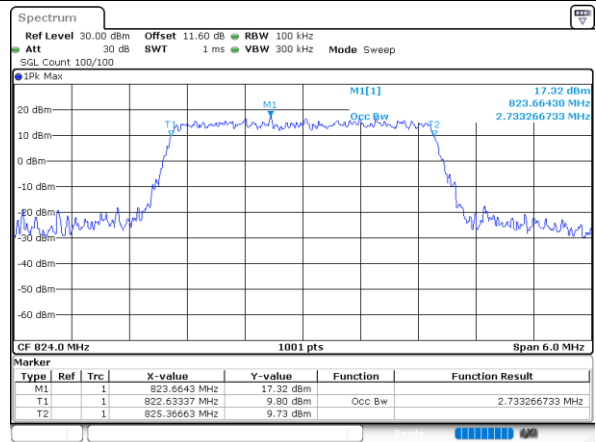
Middle Channel / 1.4MHz / 16QAM



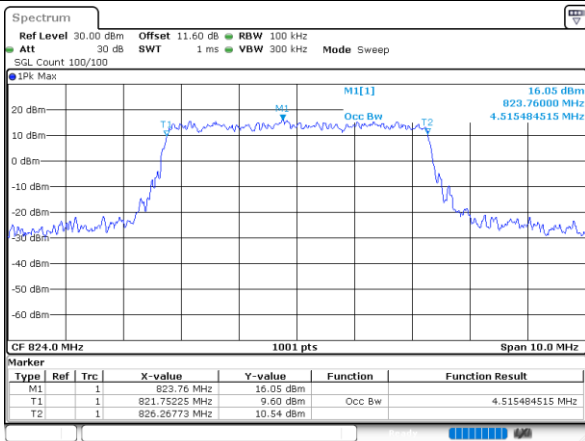
Middle Channel / 3MHz / QPSK



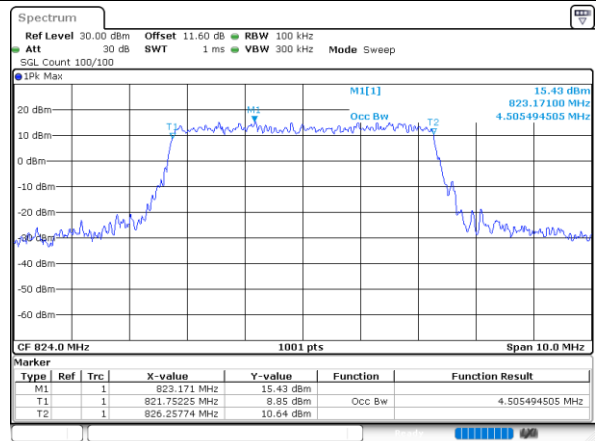
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



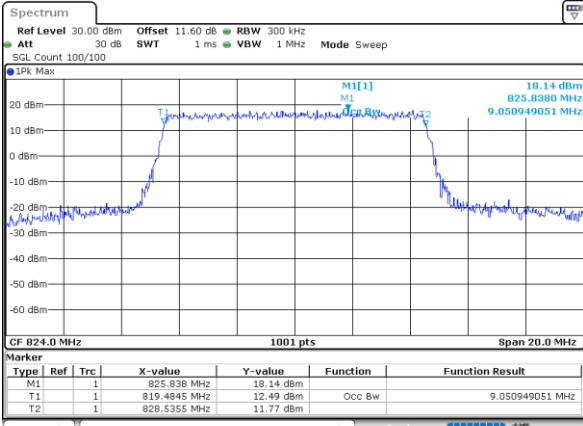
Middle Channel / 5MHz / 16QAM





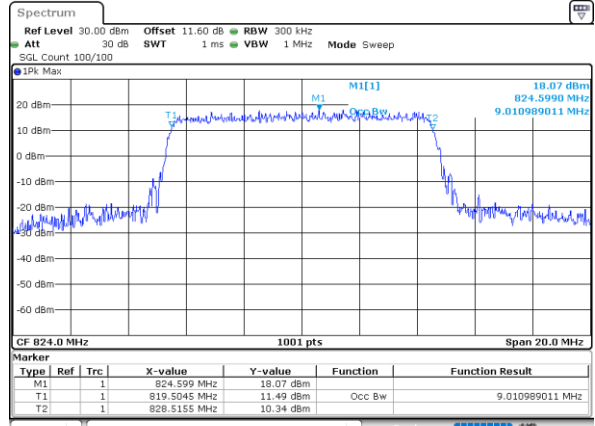
LTE Band 26

Middle Channel / 10MHz / QPSK



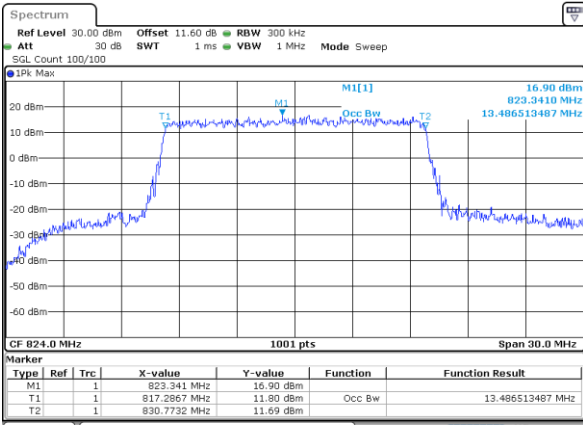
Date: 2.MAY.2024 14:53:52

Middle Channel / 10MHz / 16QAM



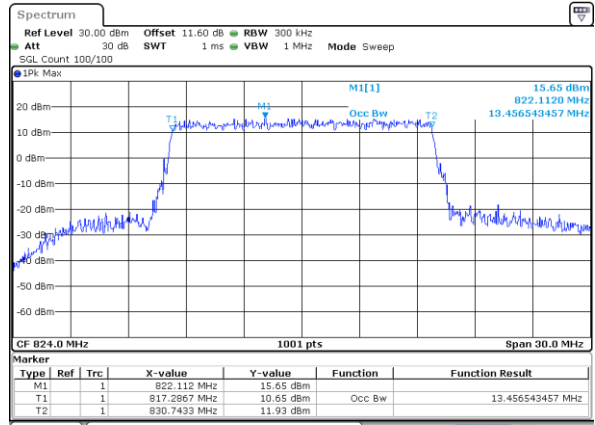
Date: 2.MAY.2024 14:55:47

Middle Channel / 15MHz / QPSK



Date: 2.MAY.2024 15:11:54

Middle Channel / 15MHz / 16QAM

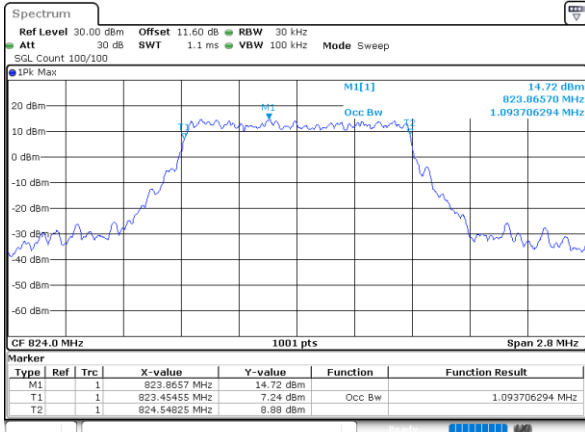


Date: 2.MAY.2024 15:19:55



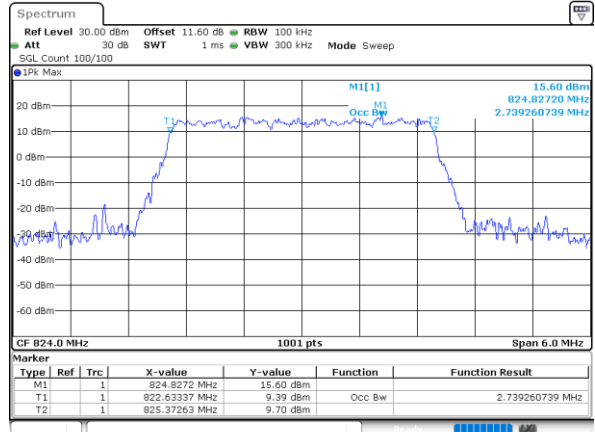
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



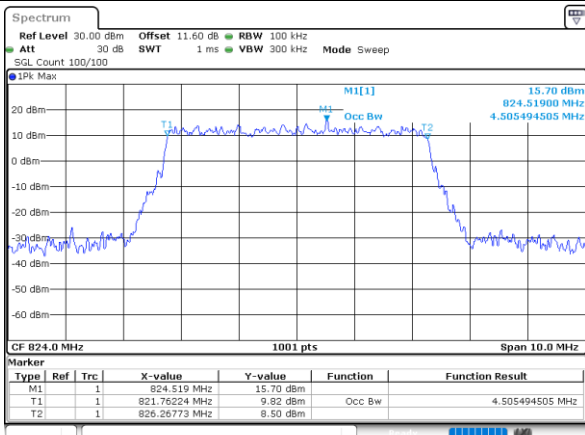
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Middle Channel / 3MHz / 64QAM



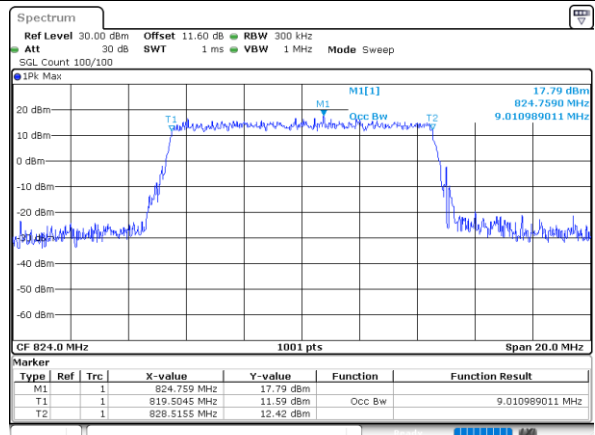
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Middle Channel / 5MHz / 64QAM



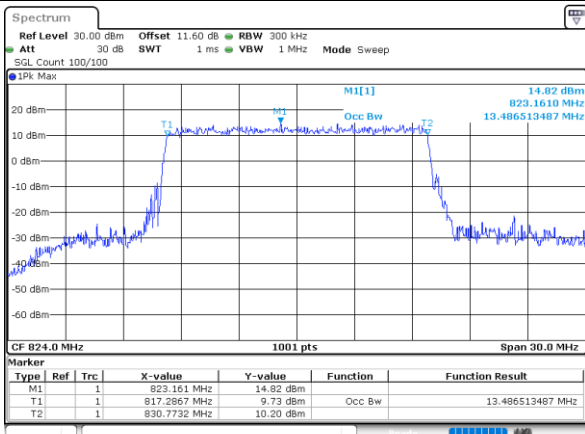
Date: 2.MAY.2024 14:43:09

Middle Channel / 10MHz / 64QAM



Date: 2.MAY.2024 14:56:24

Middle Channel / 15MHz / 64QAM



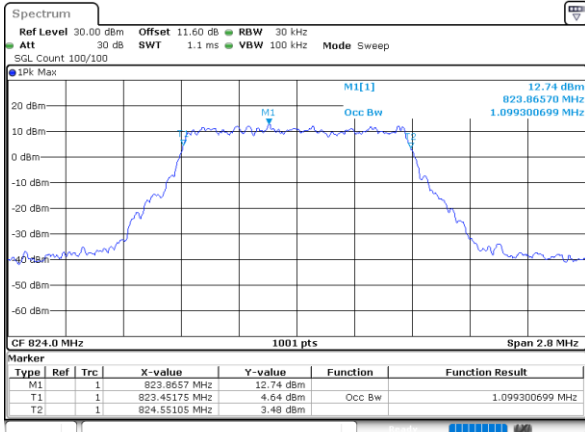
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N/A

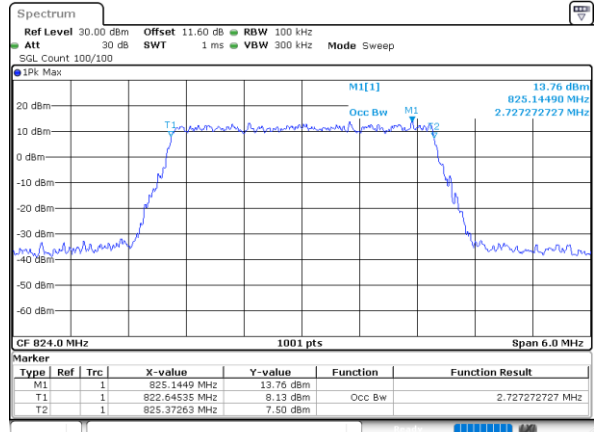


LTE Band 26

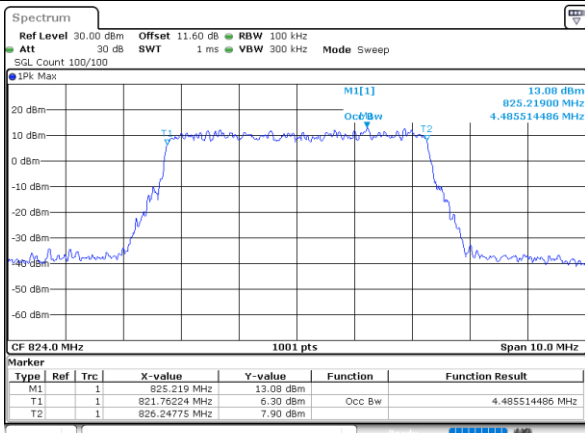
Middle Channel / 1.4MHz / 256QAM



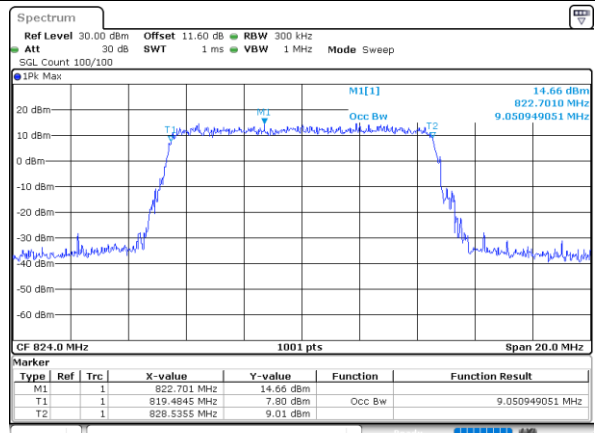
Middle Channel / 3MHz / 256QAM



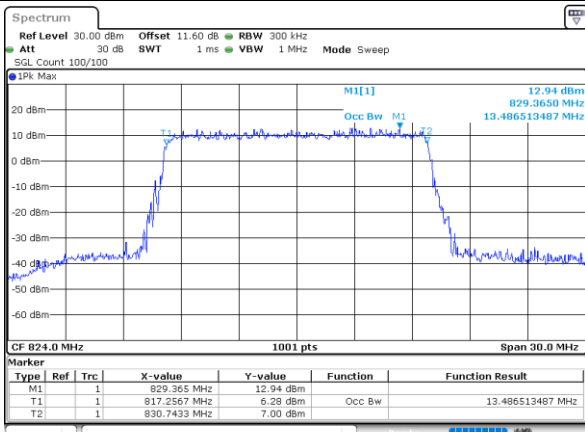
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



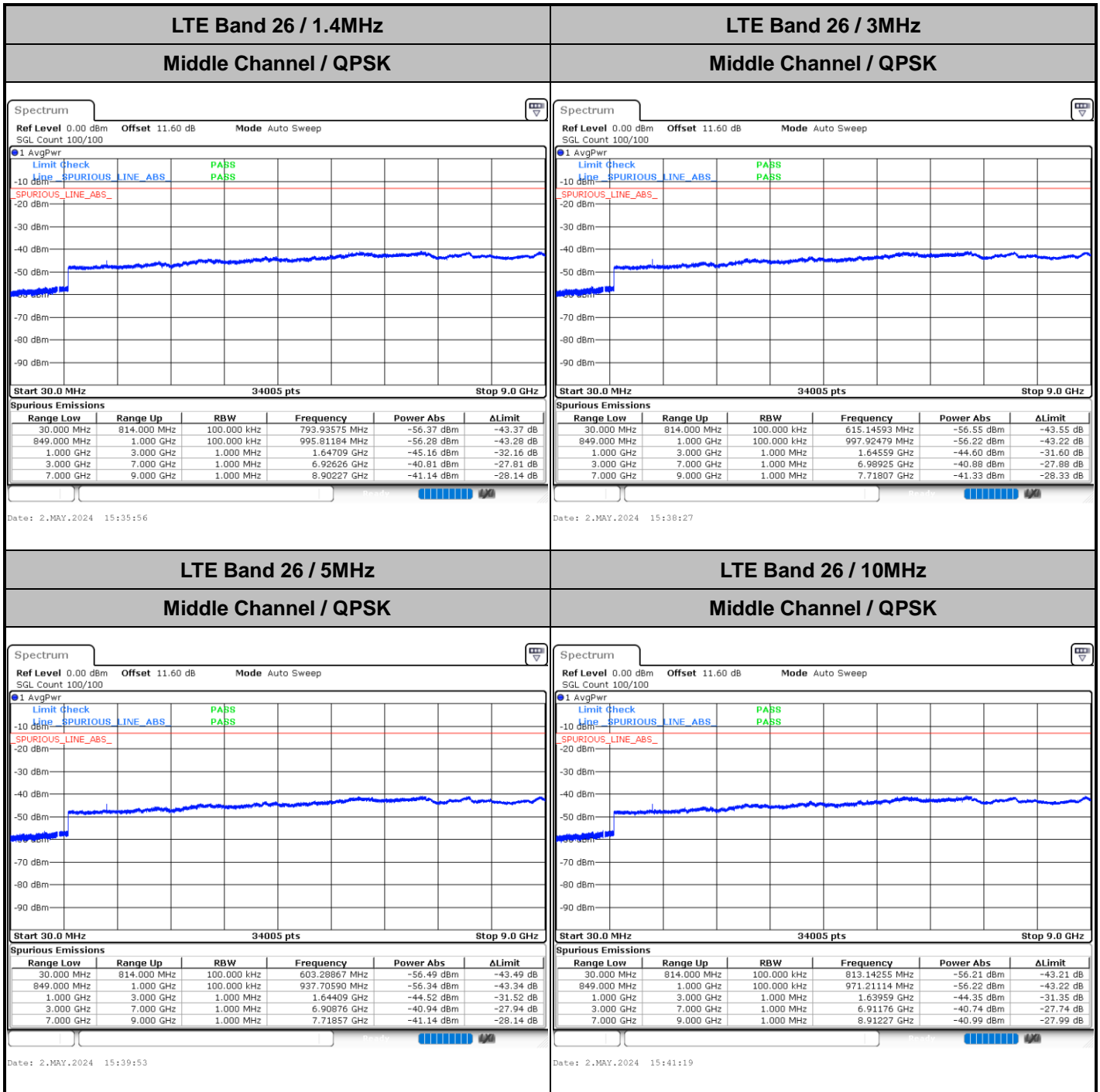
Middle Channel /15MHz / 256QAM

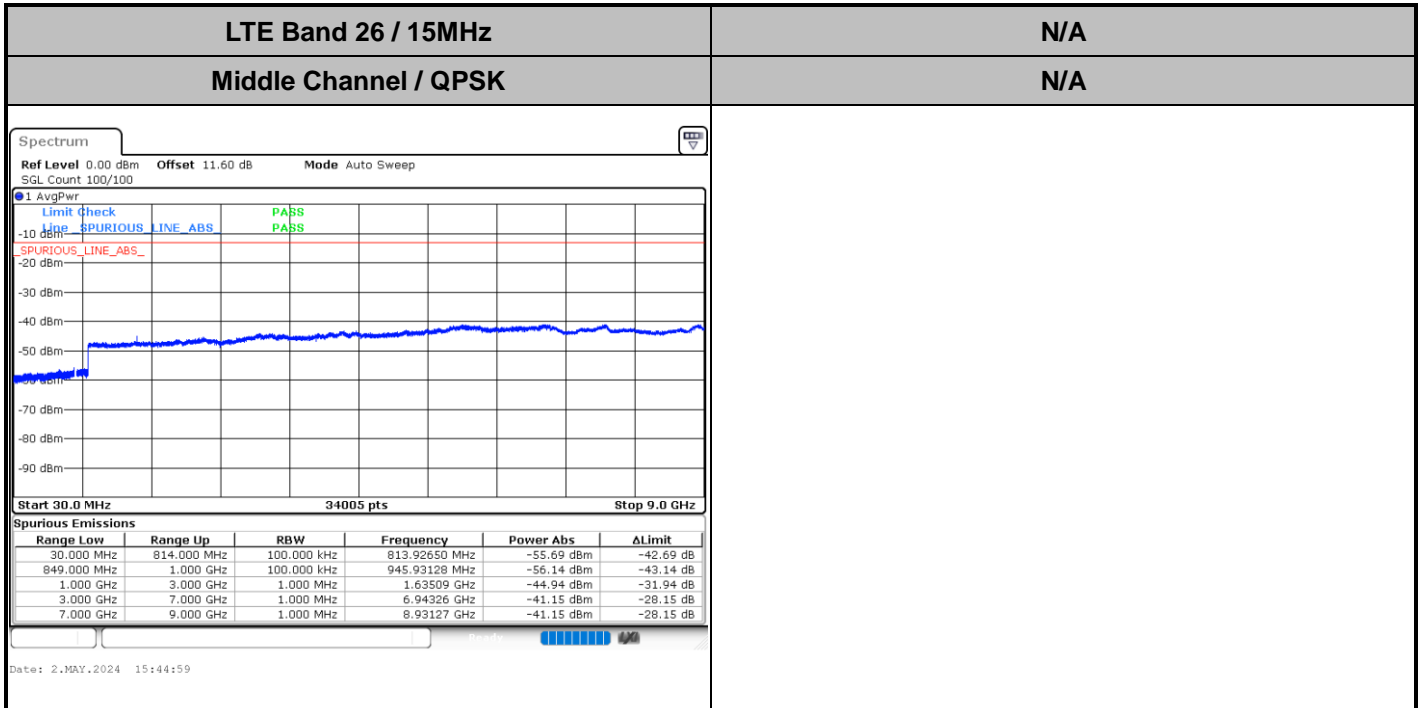


N/A



Conducted Spurious Emission







Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0074	PASS
40	Normal Voltage	0.0077	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0050	
0	Normal Voltage	0.0101	
-10	Normal Voltage	0.0145	
-20	Normal Voltage	0.0158	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0127	

Note:

1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0124	
30	Normal Voltage	0.0089	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0108	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0104	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0131	

Note:

- 1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 30

Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.77	6.43	6.72	6.93	PASS