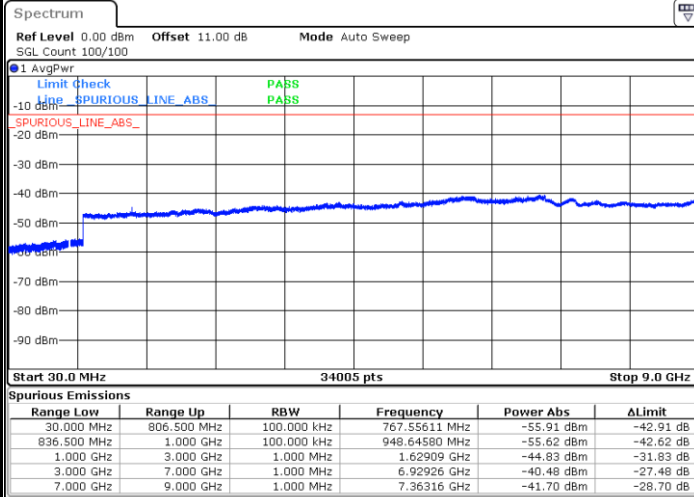
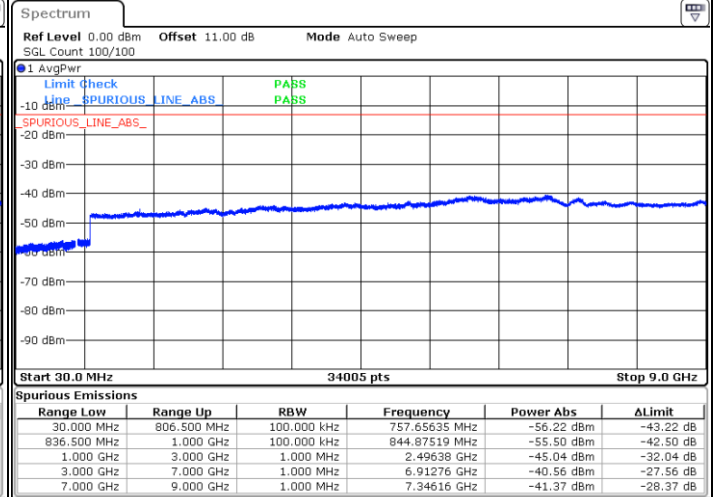
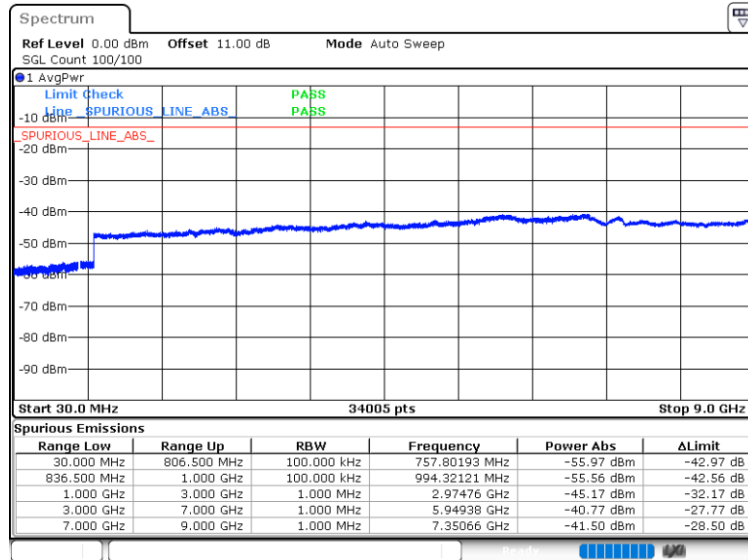


**Emission masks – Out of band emissions****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

Date: 28.NOV.2024 19:55:15

Middle Channel / QPSK

Date: 28.NOV.2024 19:58:03

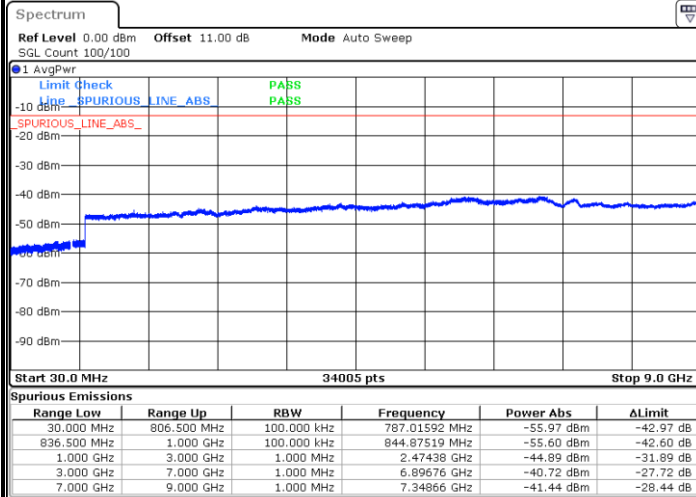
Highest Channel / QPSK

Date: 28.NOV.2024 19:59:16



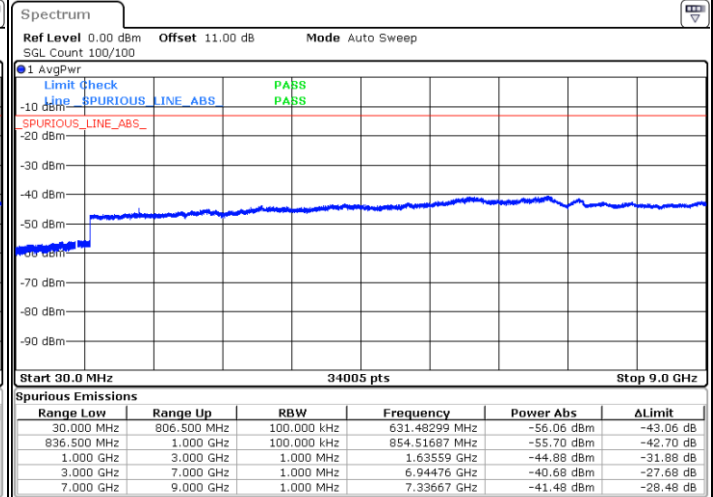
LTE Band 26 / 3MHz

Lowest Channel / QPSK



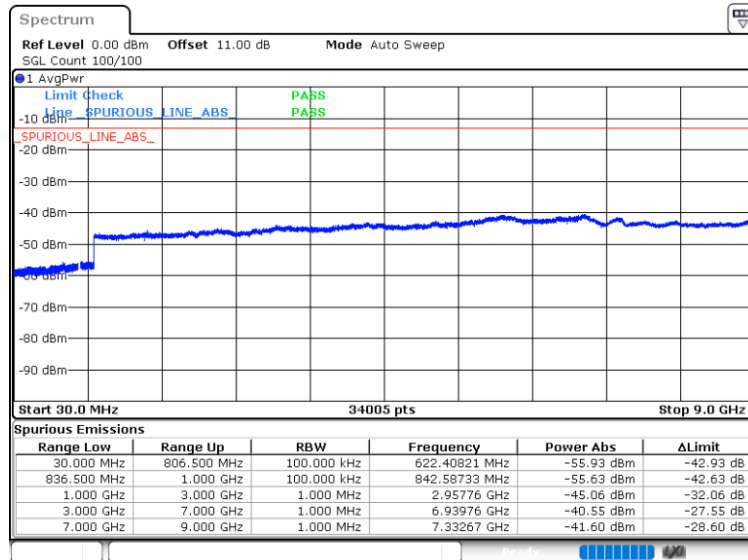
Date: 28.NOV.2024 20:42:08

Middle Channel / QPSK



Date: 28.NOV.2024 20:43:21

Highest Channel / QPSK

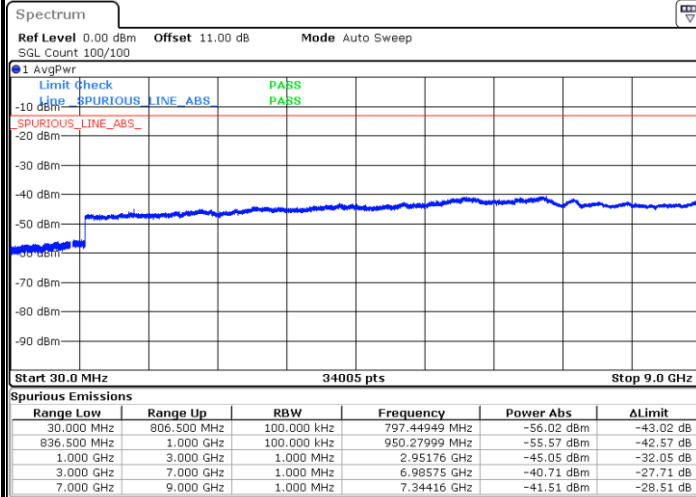


Date: 28.NOV.2024 20:44:34



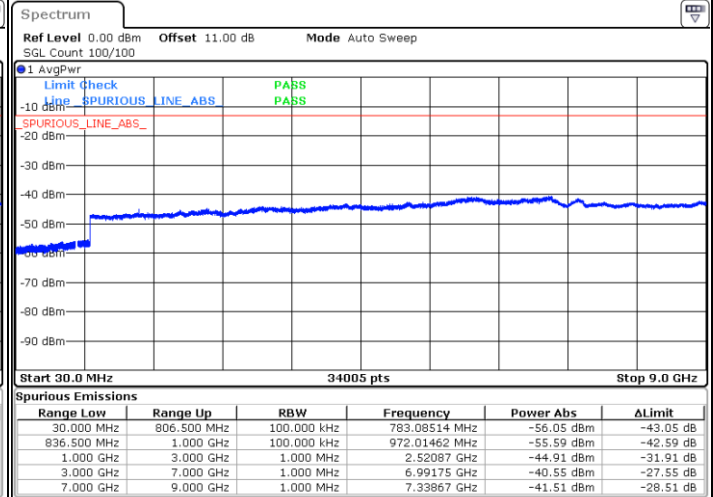
LTE Band 26 / 5MHz

Lowest Channel / QPSK



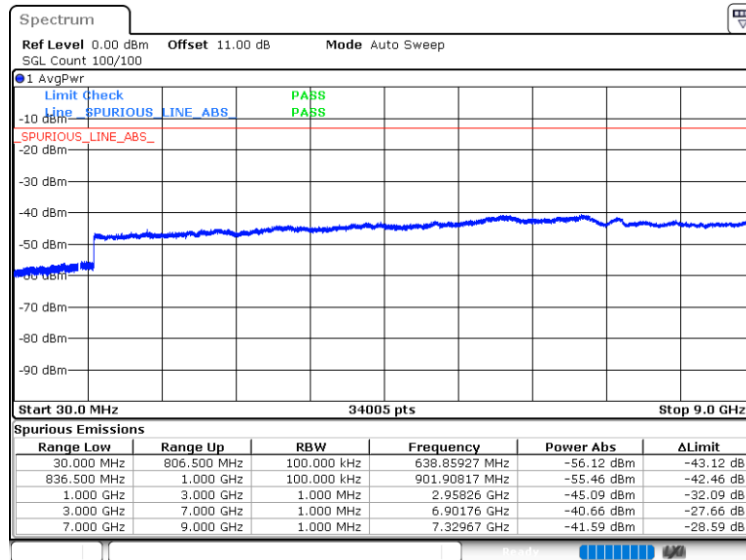
Date: 28.NOV.2024 20:45:47

Middle Channel / QPSK



Date: 28.NOV.2024 20:47:00

Highest Channel / QPSK

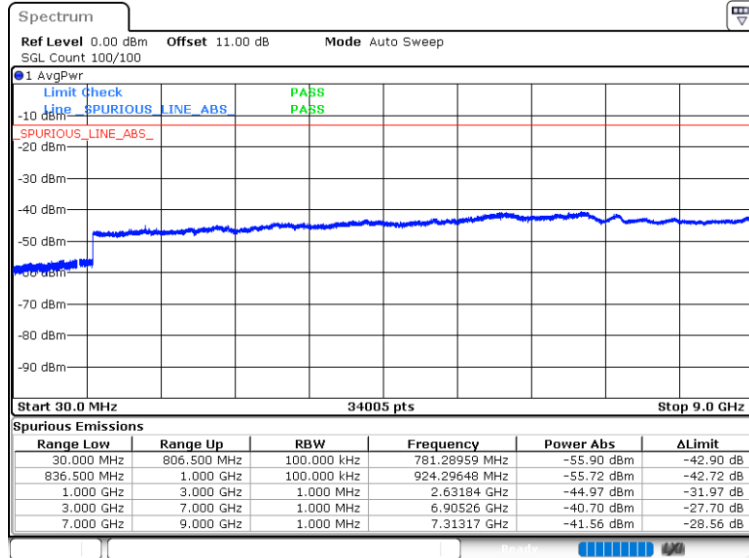


Date: 28.NOV.2024 20:48:13



LTE Band 26 / 10MHz

Middle Channel / QPSK

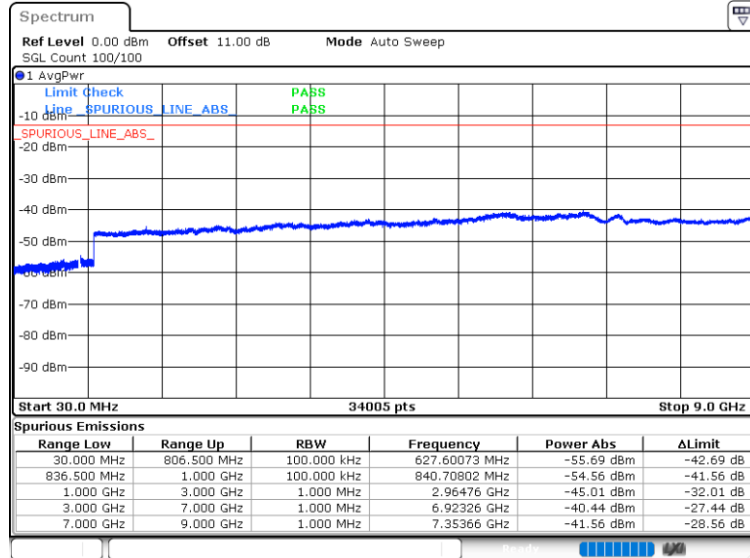


Date: 28.NOV.2024 20:49:26



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 28.NOV.2024 20:50:40

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
35	Normal Voltage	0.0038	PASS
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0111	
20	Maximum Voltage	0.0114	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0050	

Note:

1. Normal Voltage = 3.88 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.48 V

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5 ppm
		Deviation (ppm)	Result
35	Normal Voltage	0.0063	PASS
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0133	
0	Normal Voltage	0.0134	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0158	

Note:

1. Normal Voltage = 3.88 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

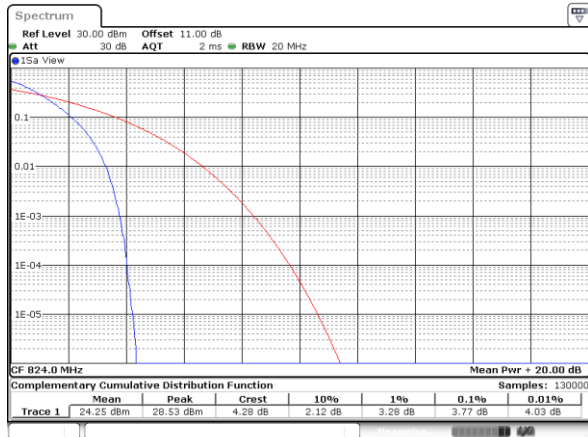
**LTE Band 26_Part 90S****Peak-to-Average Ratio**

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	3.77	4.58	5.07	-	PASS



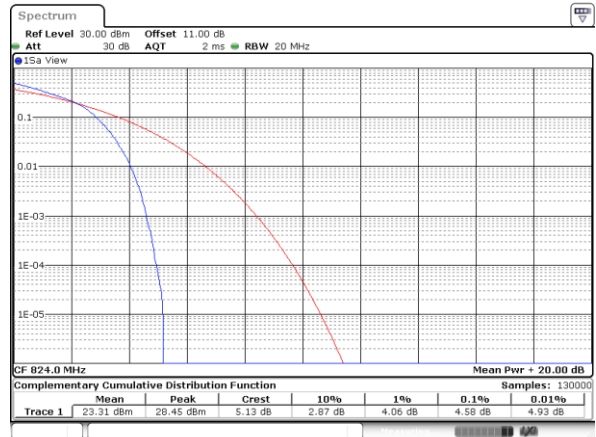
LTE Band 26 / 15MHz / QPSK

Middle Channel / Full RB



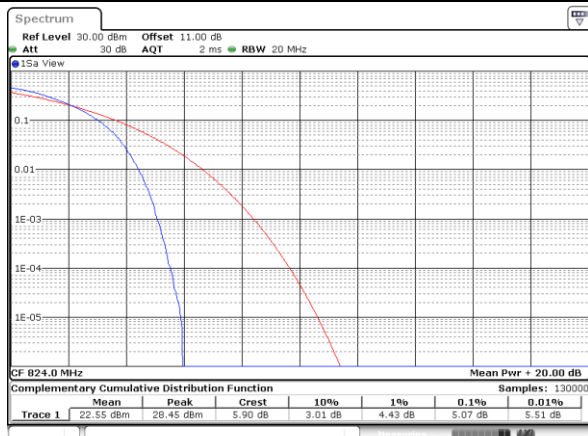
LTE Band 26 / 15MHz / 16QAM

Middle Channel / Full RB



LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB



LTE Band 26 / 15MHz / 256QAM

Middle Channel / Full RB

-

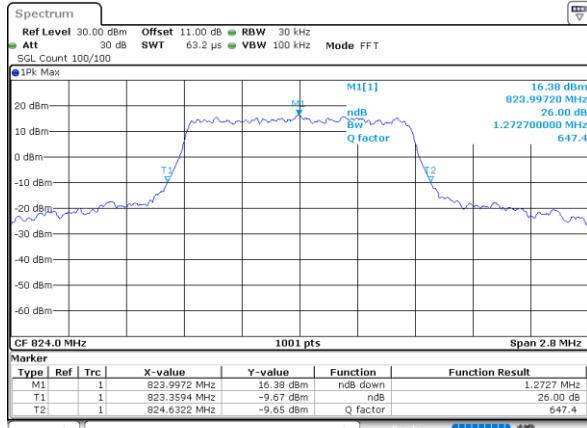
**26dB Bandwidth**

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	1.27	1.28	3.01	3.04	4.97	4.89	9.75	10.00	14.53	14.14	-	-
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	1.28	-	3.00	-	4.85	-	9.71	-	14.41	-	-	-



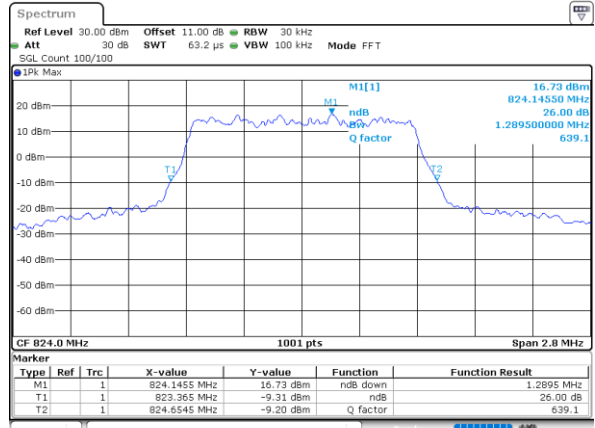
LTE Band 26

Middle Channel / 1.4MHz / QPSK



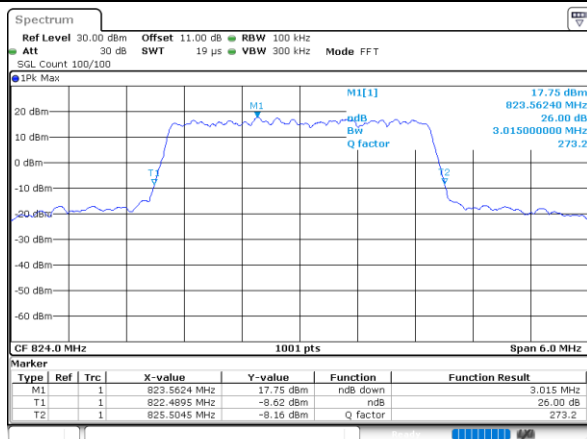
Date: 28.NOV.2024 20:59:13

Middle Channel / 1.4MHz / 16QAM



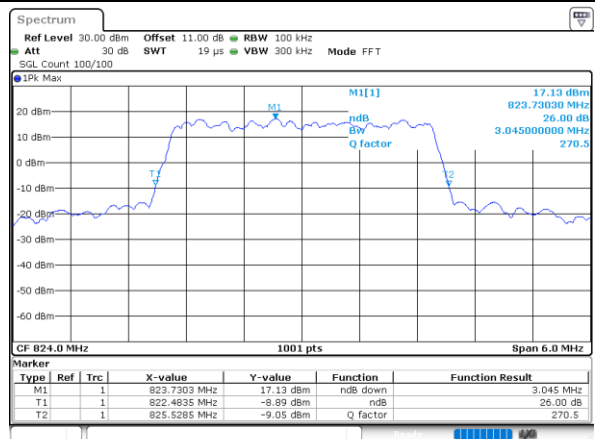
Date: 28.NOV.2024 20:59:36

Middle Channel / 3MHz / QPSK



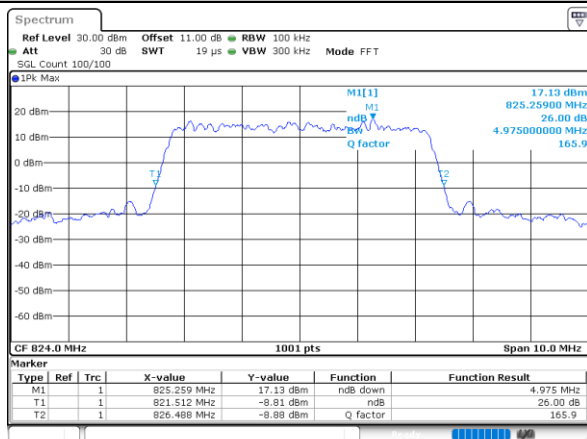
Date: 28.NOV.2024 21:01:32

Middle Channel / 3MHz / 16QAM



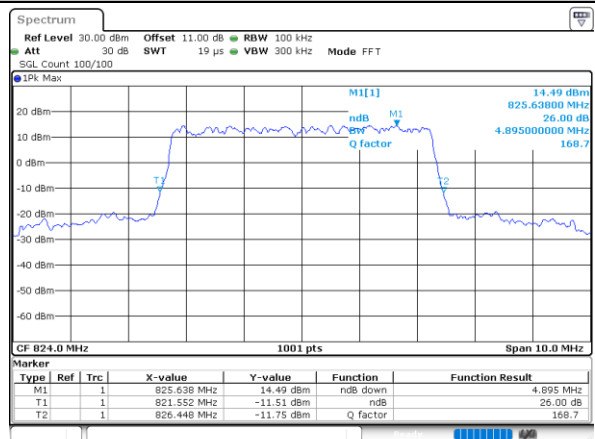
Date: 28.NOV.2024 21:01:55

Middle Channel / 5MHz / QPSK



Date: 28.NOV.2024 21:03:51

Middle Channel / 5MHz / 16QAM

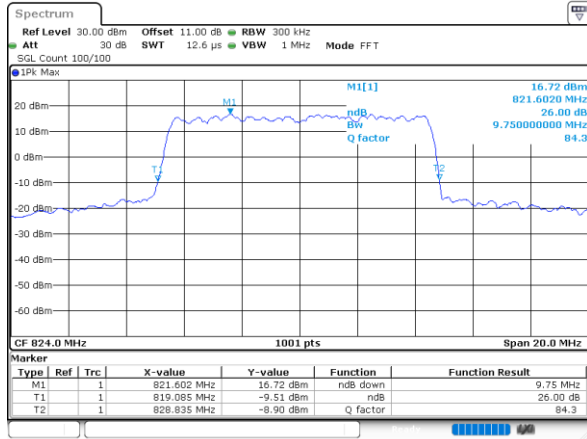


Date: 28.NOV.2024 21:04:14

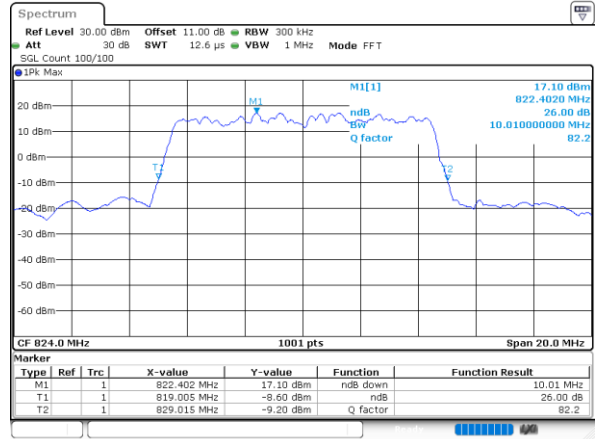


LTE Band 26

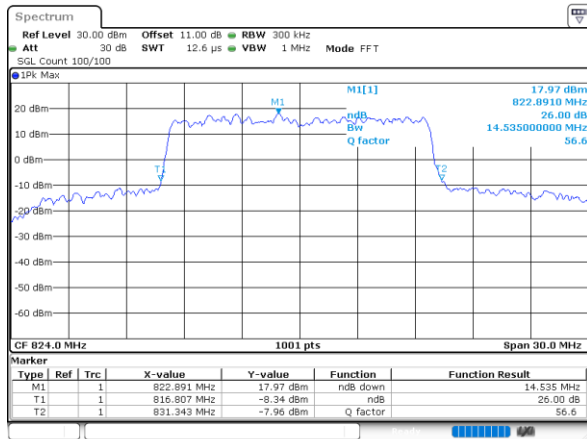
Middle Channel / 10MHz / QPSK



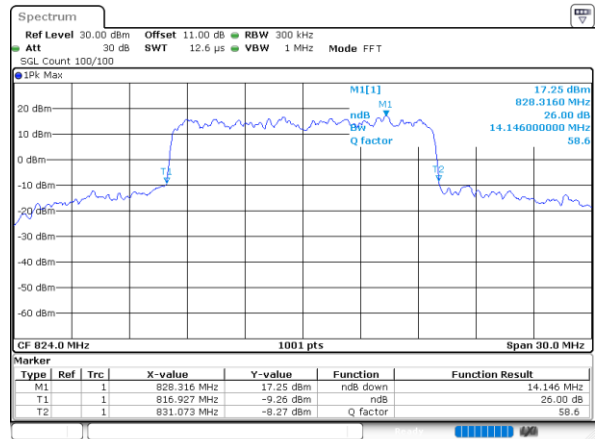
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



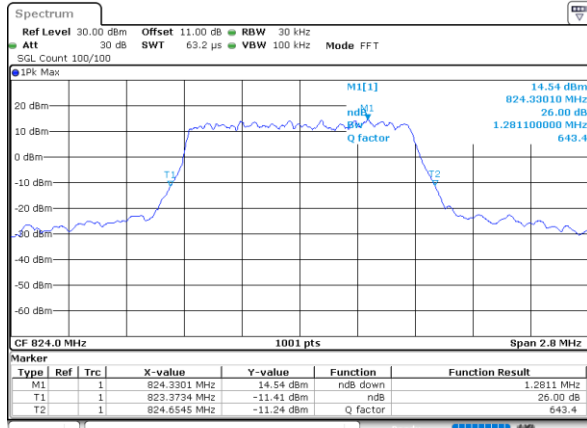
Middle Channel / 15MHz / 16QAM



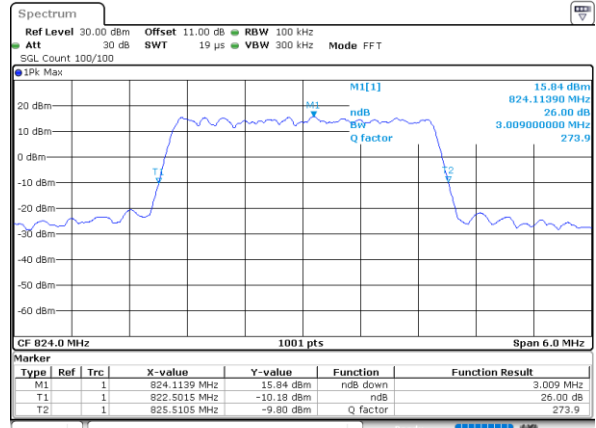


LTE Band 26

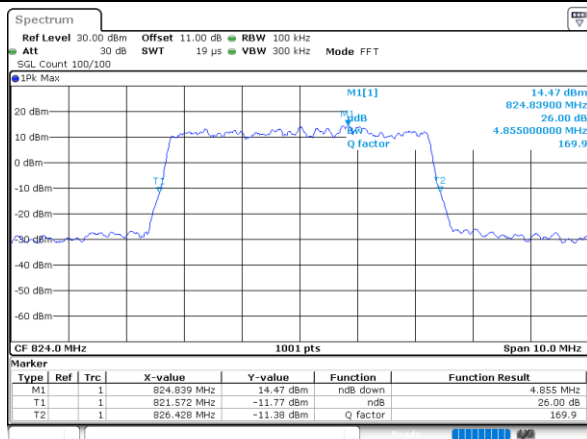
Middle Channel / 1.4MHz / 64QAM



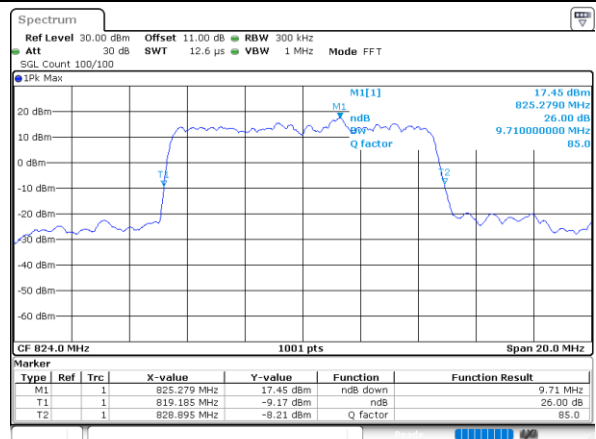
Middle Channel / 3MHz / 64QAM



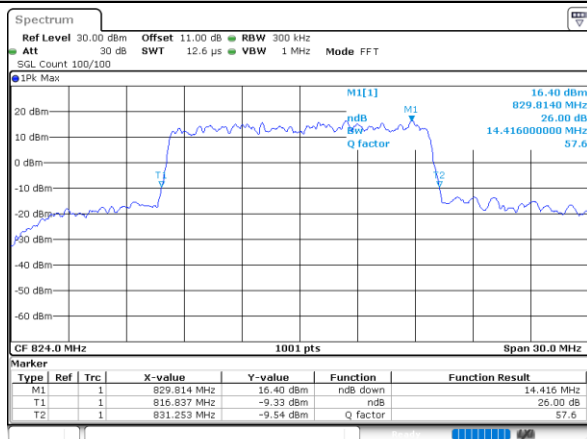
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



N/A

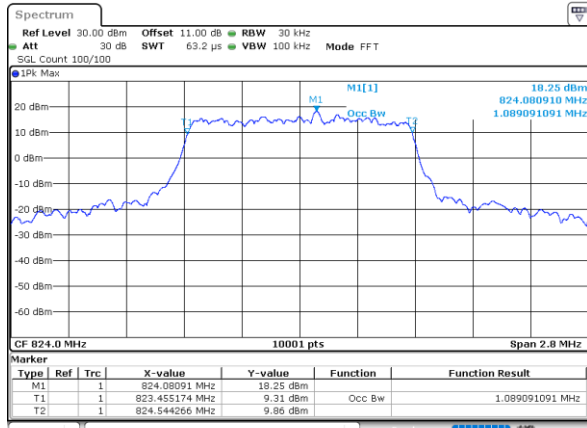
**Occupied Bandwidth**

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	1.08	1.08	2.70	2.72	4.49	4.49	9.05	8.98	13.48	13.39	-	-
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	1.08	-	2.71	-	4.49	-	8.98	-	13.41	-	-	-

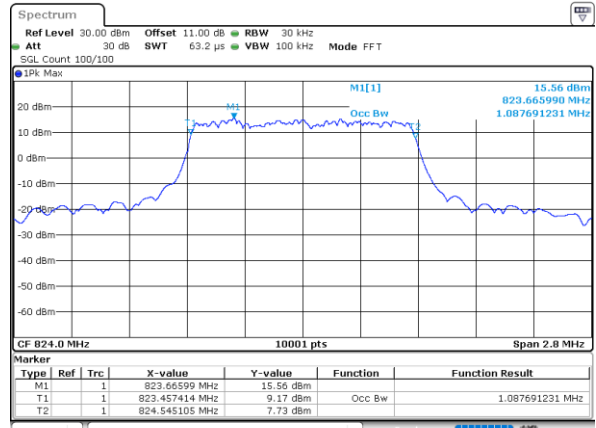


LTE Band 26

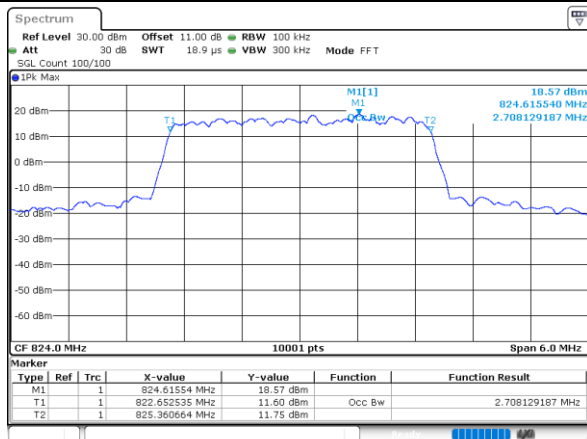
Middle Channel / 1.4MHz / QPSK



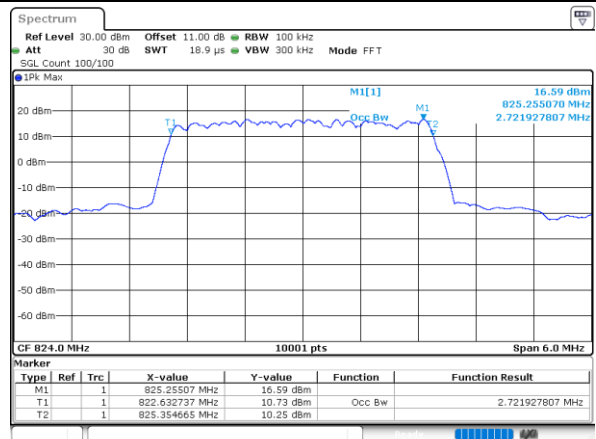
Middle Channel / 1.4MHz / 16QAM



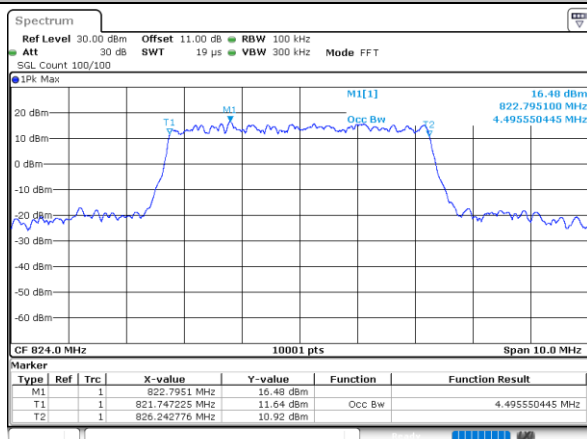
Middle Channel / 3MHz / QPSK



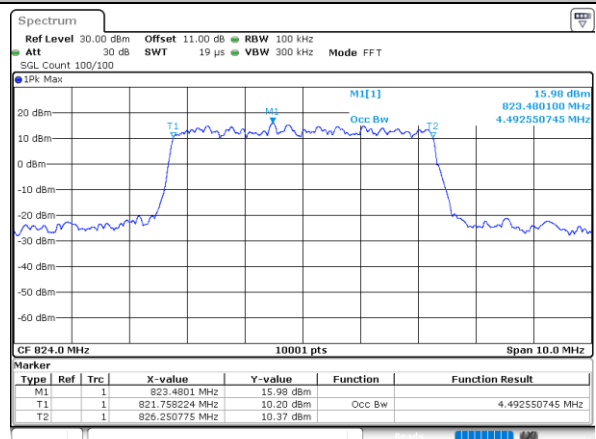
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



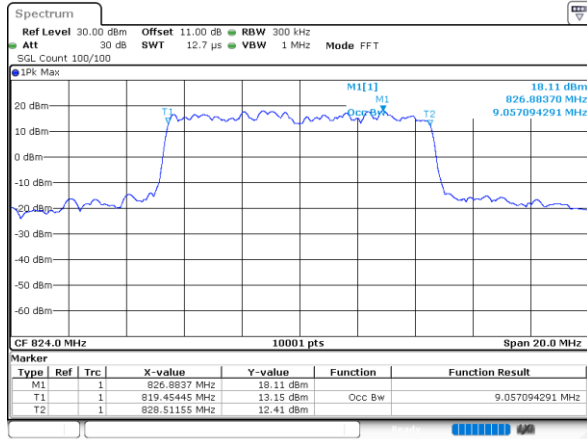
Middle Channel / 5MHz / 16QAM



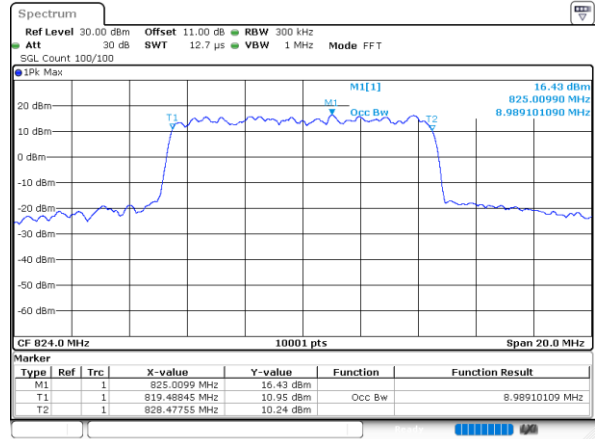


LTE Band 26

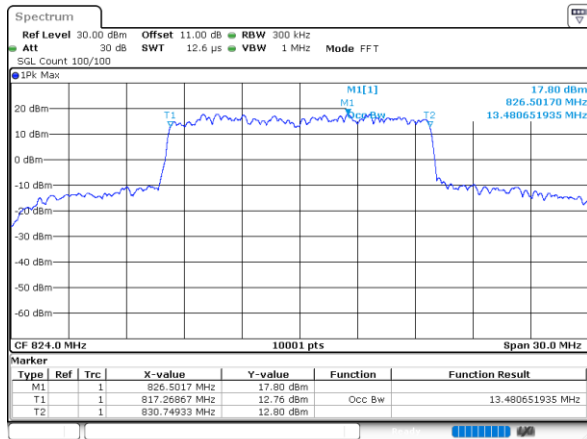
Middle Channel / 10MHz / QPSK



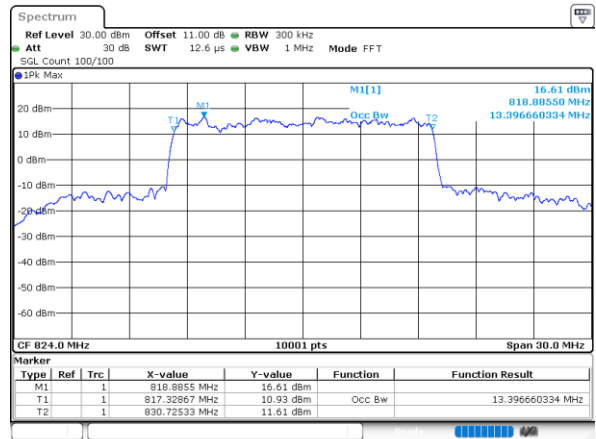
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



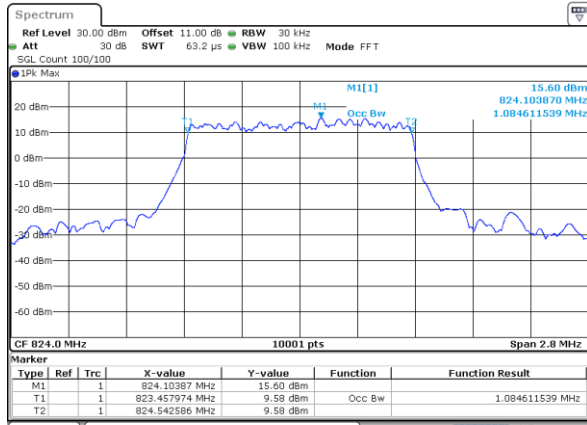
Middle Channel / 15MHz / 16QAM



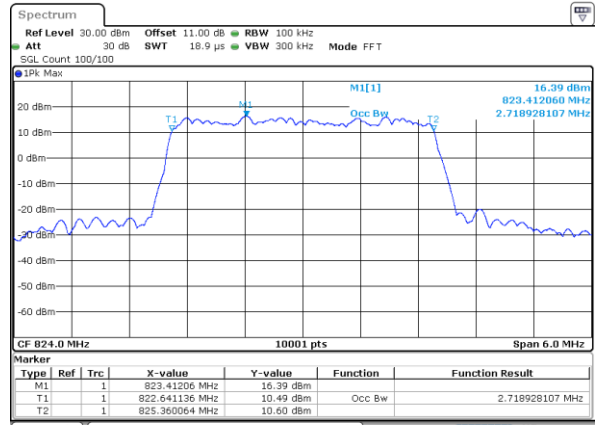


LTE Band 26

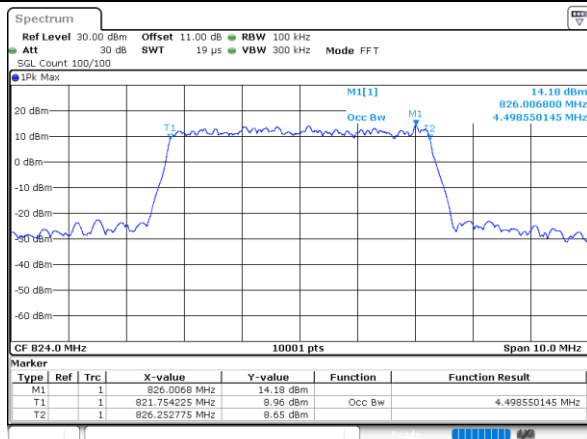
Middle Channel / 1.4MHz / 64QAM



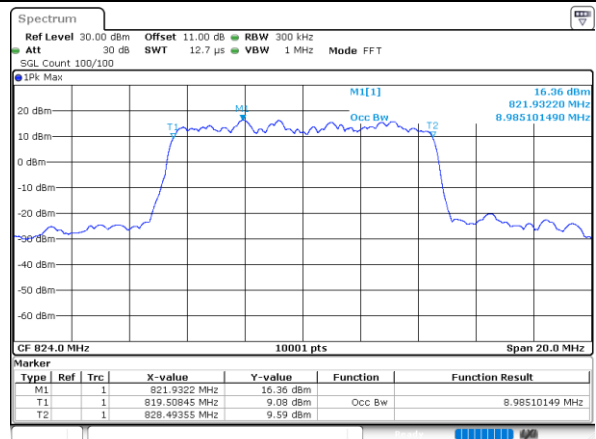
Middle Channel / 3MHz / 64QAM



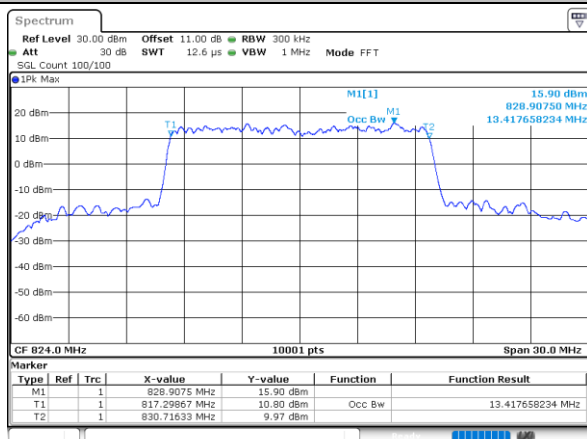
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



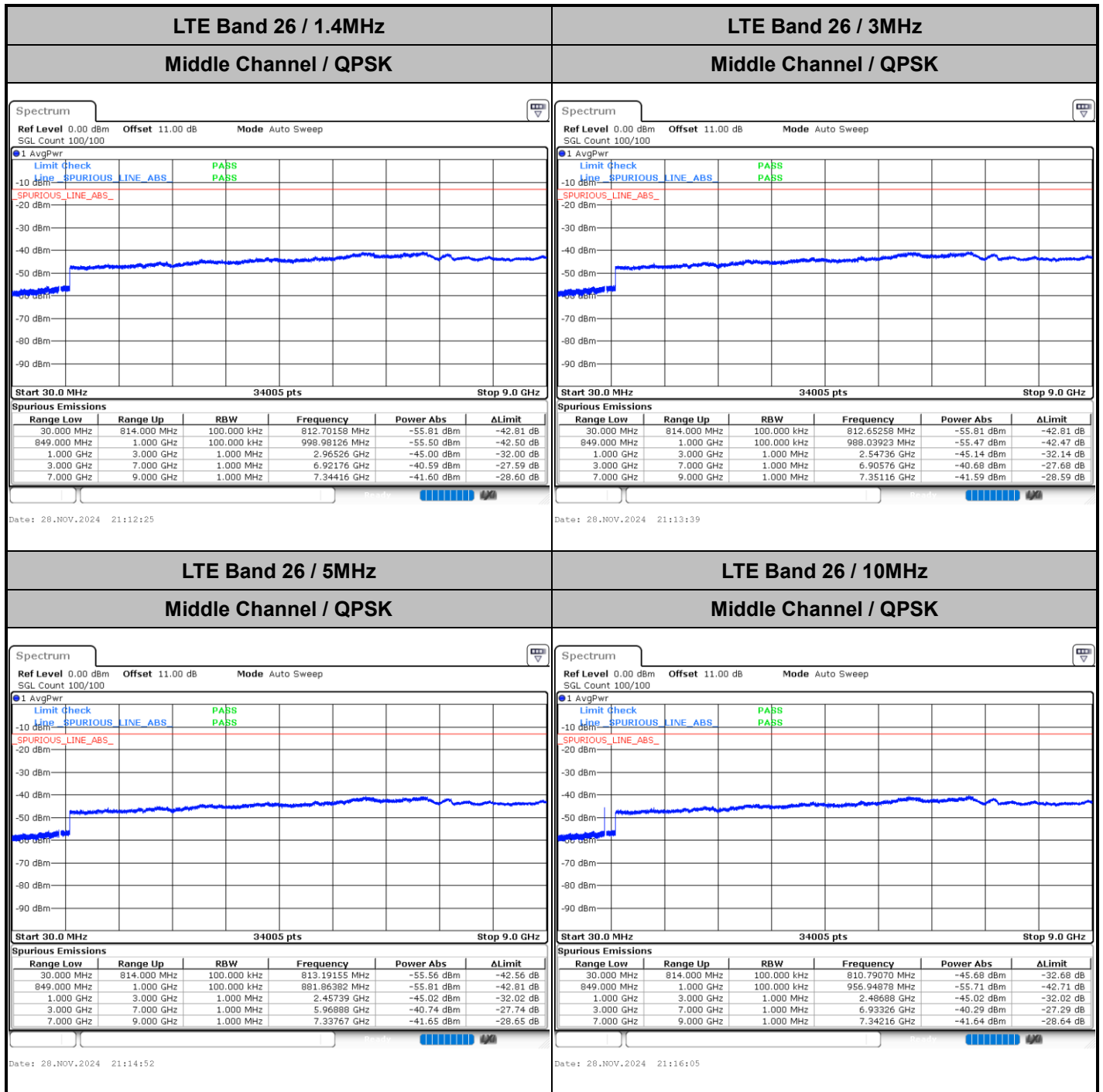
Middle Channel / 15MHz / 64QAM



N/A



Conducted Spurious Emission



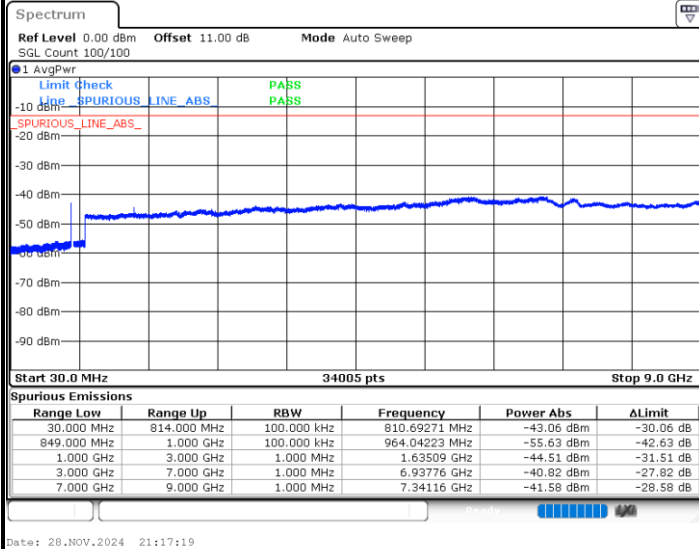


LTE Band 26 / 15MHz

N/A

Middle Channel / QPSK

N/A



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
35	Normal Voltage	0.0038	PASS
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0111	
20	Maximum Voltage	0.0114	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0050	

Note: Normal Voltage = 3.88 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.48 V.

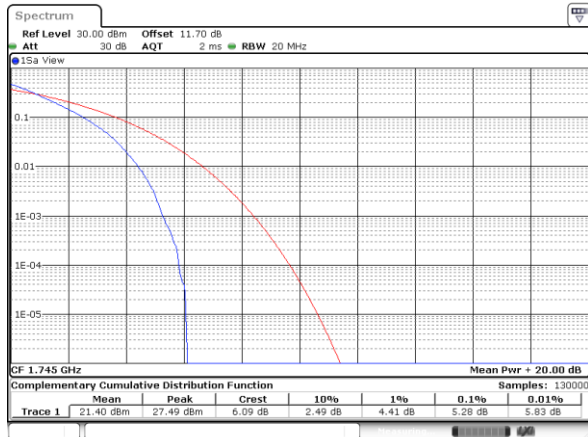
**LTE Band 66****Peak-to-Average Ratio**

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	5.28	6.17	6.38	-	PASS



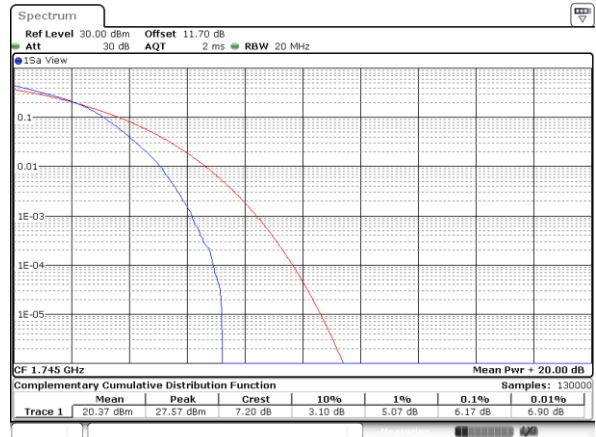
LTE Band 66 / 20MHz / QPSK

Middle Channel / Full RB



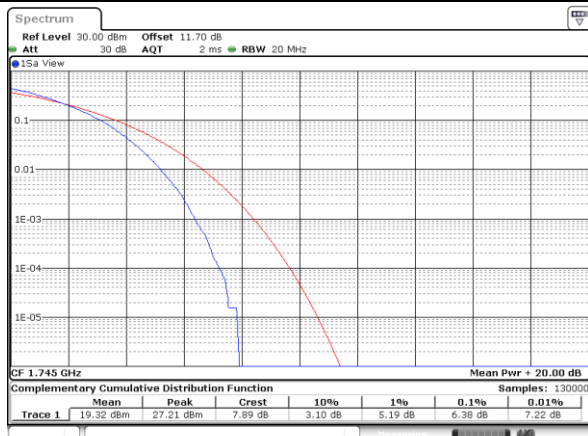
LTE Band 66 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 66 / 20MHz / 256QAM

Middle Channel / Full RB

-

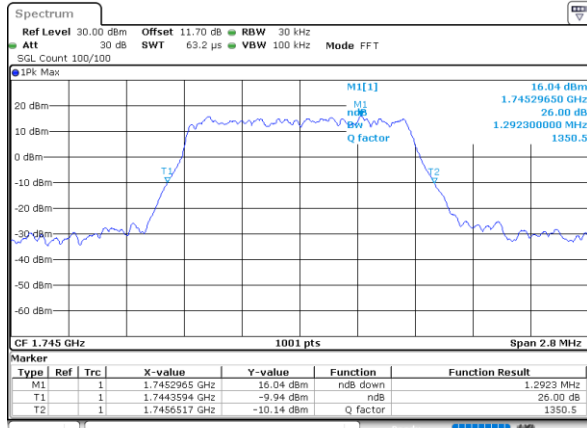
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.29	1.29	2.95	3.02	5.02	5.02	9.91	9.86	14.50	14.41	18.94	19.06
Mode	LTE Band 66 : 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	1.23	-	3.02	-	4.88	-	9.78	-	14.59	-	18.98	-



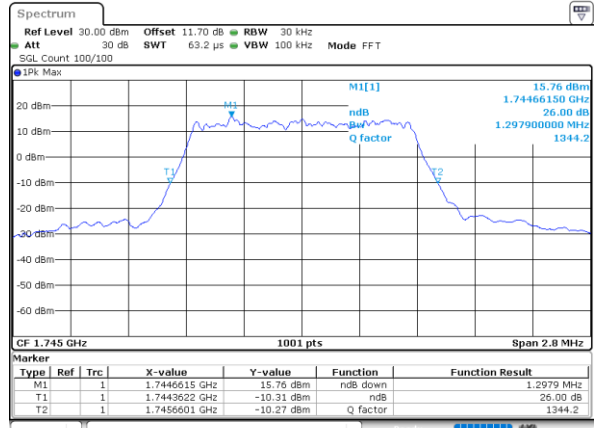
LTE Band 66

Middle Channel / 1.4MHz / QPSK



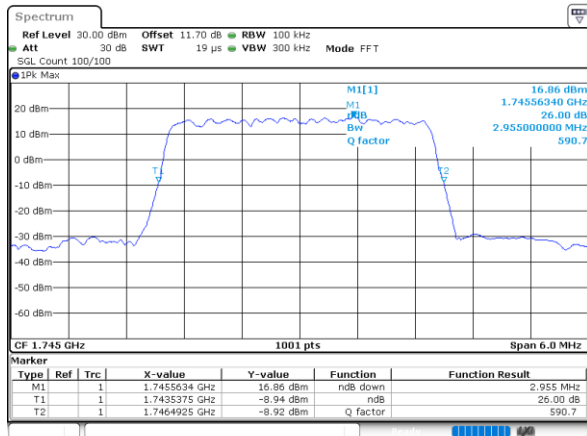
Date: 29.NOV.2024 05:51:50

Middle Channel / 1.4MHz / 16QAM



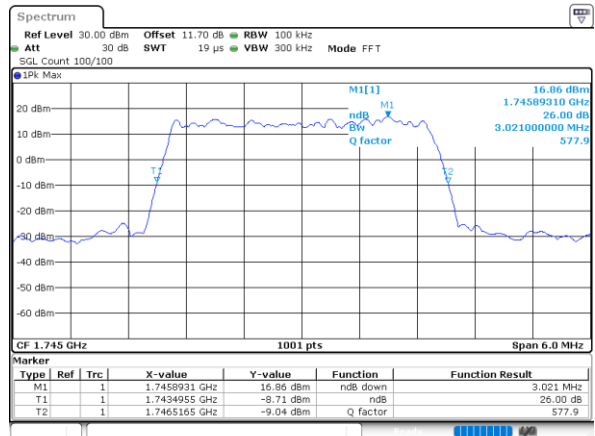
Date: 29.NOV.2024 05:52:18

Middle Channel / 3MHz / QPSK



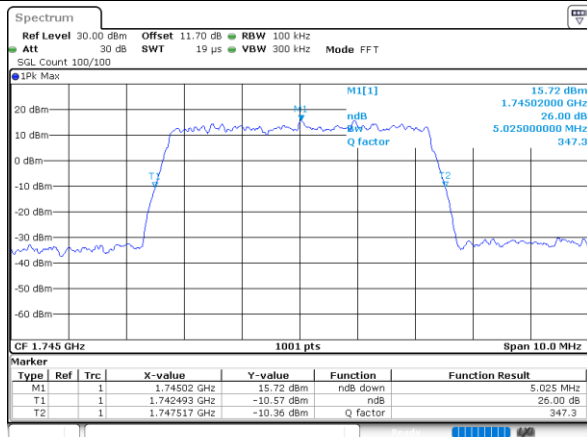
Date: 29.NOV.2024 05:53:19

Middle Channel / 3MHz / 16QAM



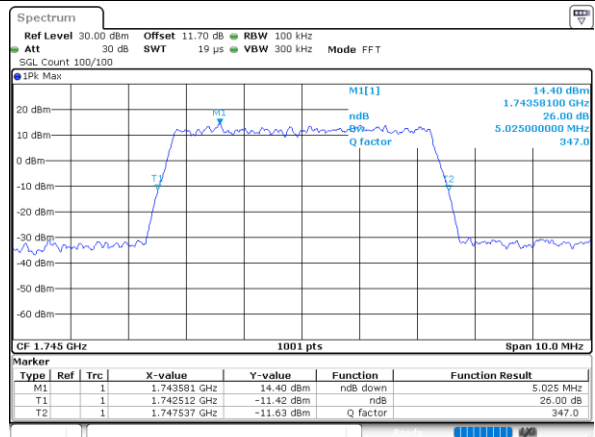
Date: 29.NOV.2024 05:53:48

Middle Channel / 5MHz / QPSK



Date: 29.NOV.2024 05:54:49

Middle Channel / 5MHz / 16QAM

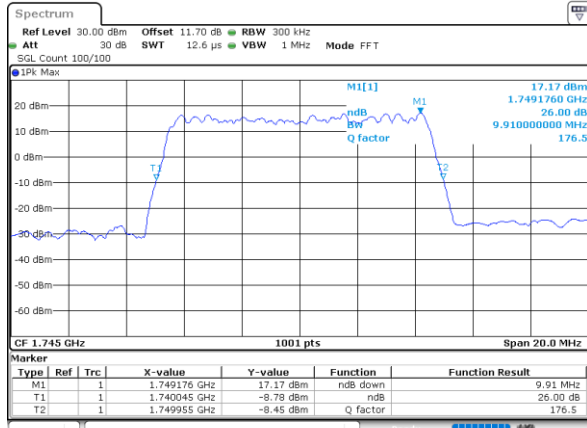


Date: 29.NOV.2024 05:55:17

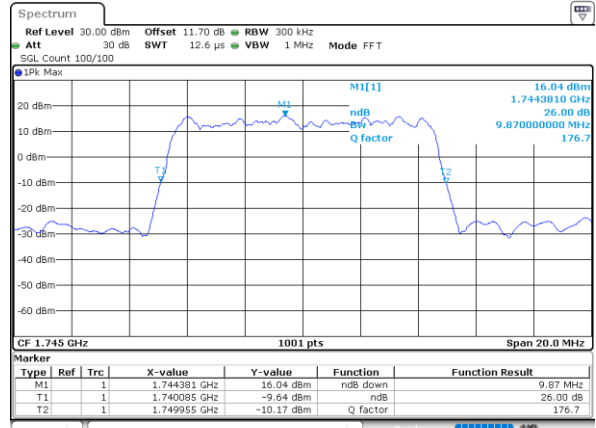


LTE Band 66

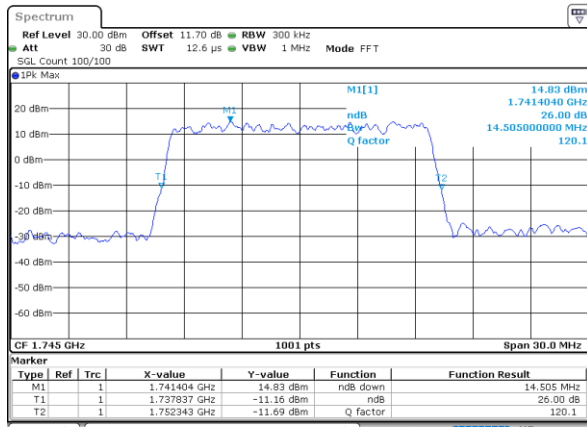
Middle Channel / 10MHz / QPSK



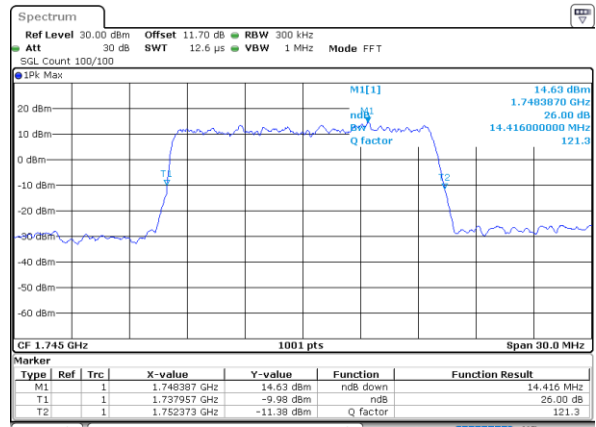
Middle Channel / 10MHz / 16QAM



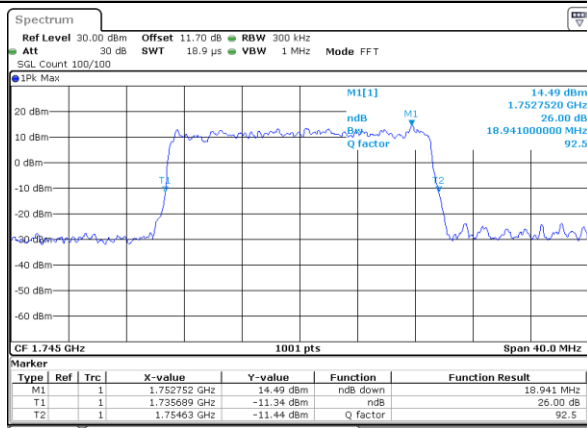
Middle Channel / 15MHz / QPSK



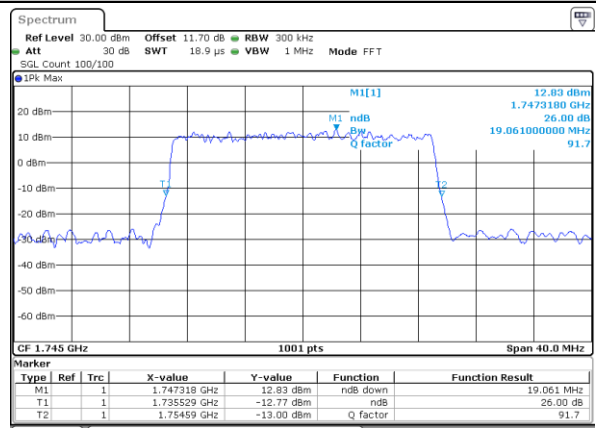
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



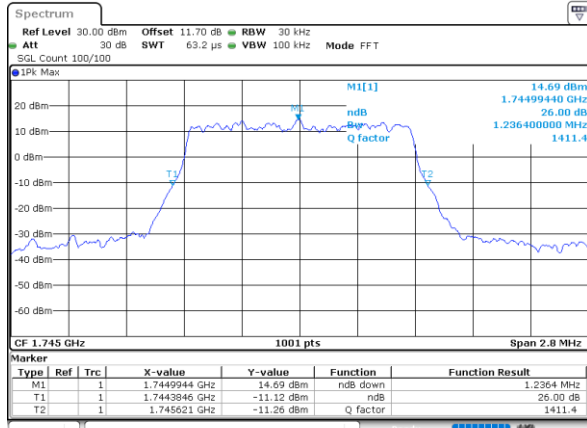
Middle Channel / 20MHz / 16QAM





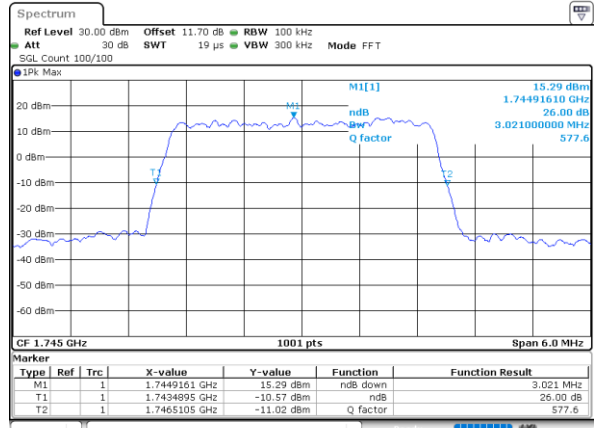
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



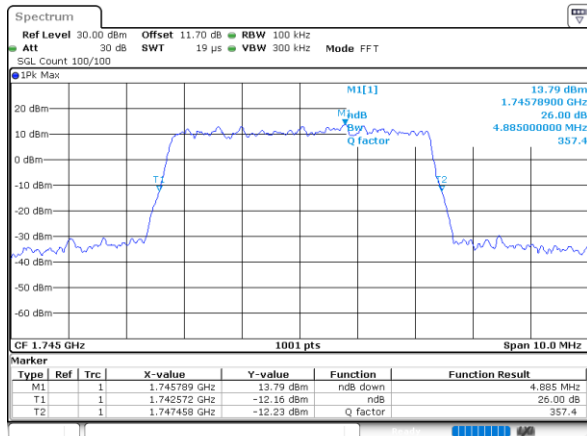
Date: 29.NOV.2024 05:52:46

Middle Channel / 3MHz / 64QAM



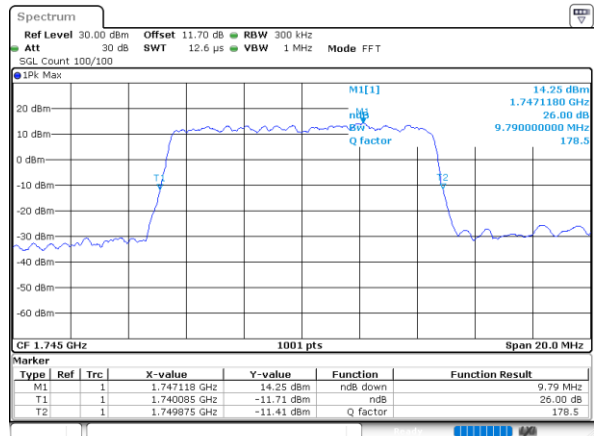
Date: 29.NOV.2024 05:54:16

Middle Channel / 5MHz / 64QAM



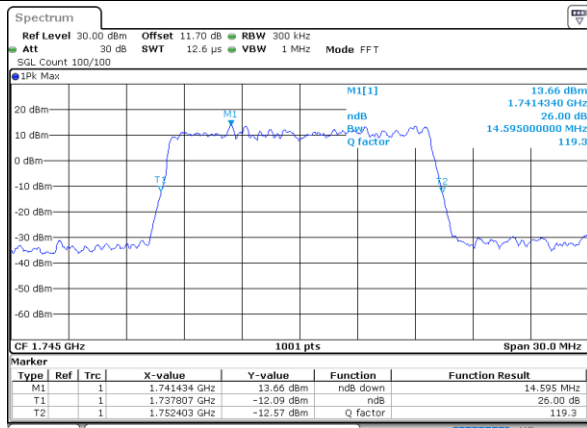
Date: 29.NOV.2024 05:55:46

Middle Channel / 10MHz / 64QAM



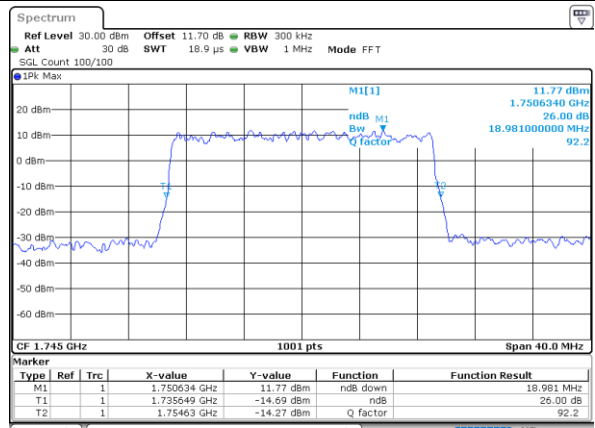
Date: 29.NOV.2024 05:57:16

Middle Channel / 15MHz / 64QAM



Date: 29.NOV.2024 05:58:45

Middle Channel / 20MHz / 64QAM



Date: 29.NOV.2024 06:00:15

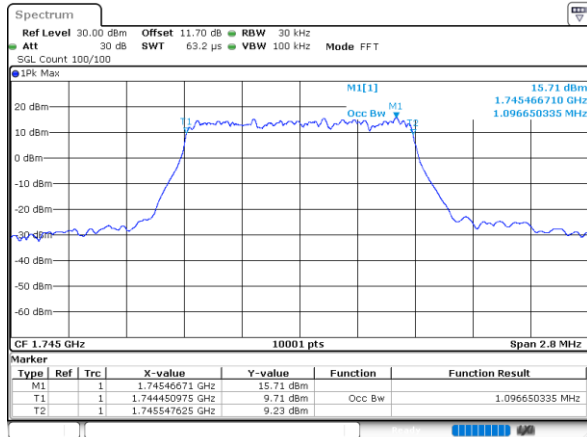
**Occupied Bandwidth**

Mode	LTE Band 66 : 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	2.71	2.71	4.49	4.46	9.04	9.00	13.40	13.41	17.92	17.89
Mode	LTE Band 66 : 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	-	2.69	-	4.49	-	9.01	-	13.43	-	17.92	-

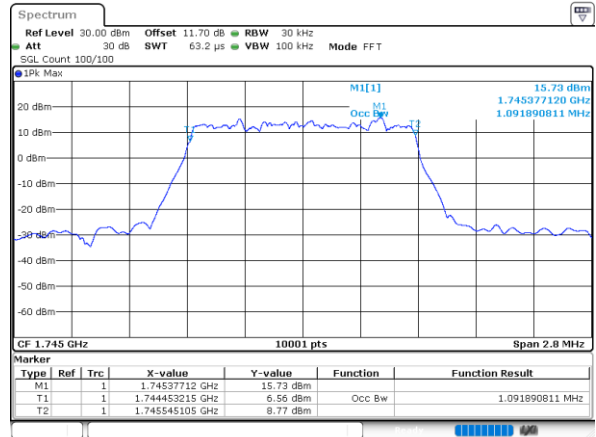


LTE Band 66

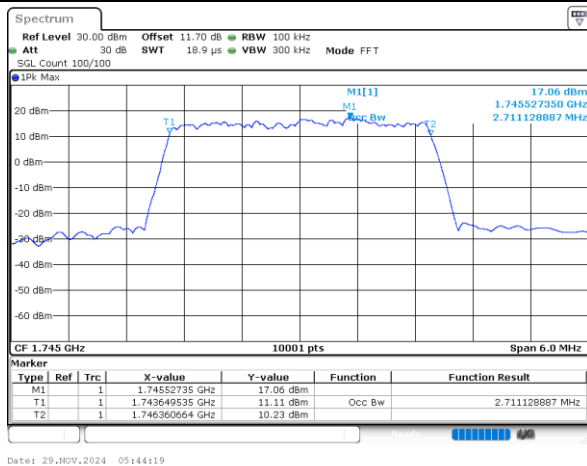
Middle Channel / 1.4MHz / QPSK



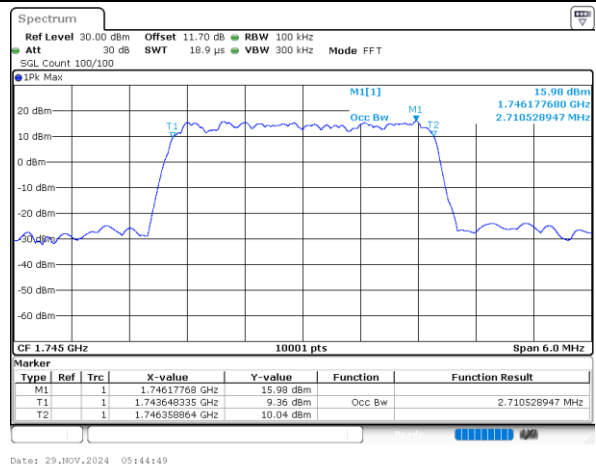
Middle Channel / 1.4MHz / 16QAM



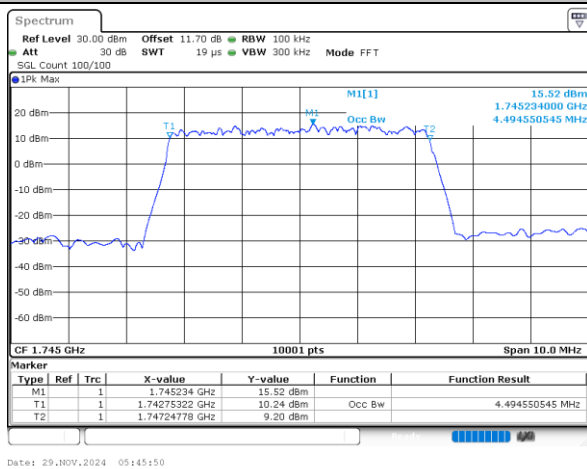
Middle Channel / 3MHz / QPSK



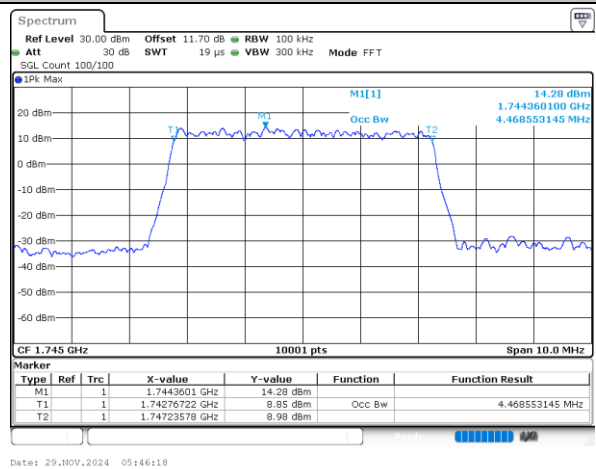
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



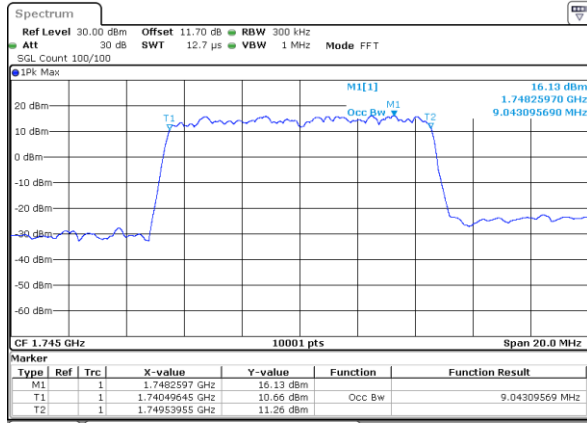
Middle Channel / 5MHz / 16QAM



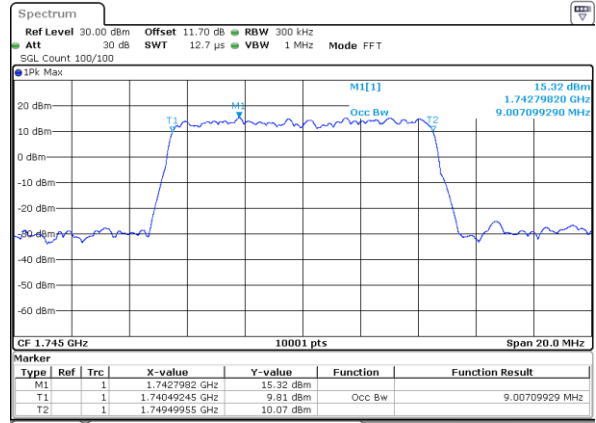


LTE Band 66

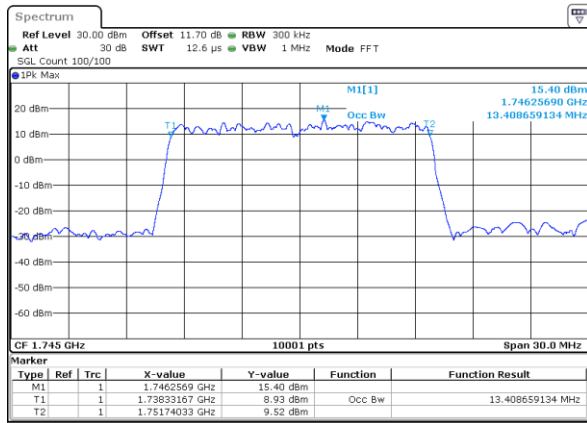
Middle Channel / 10MHz / QPSK



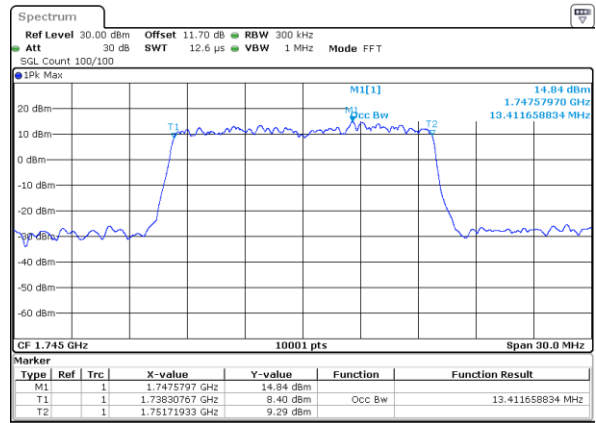
Middle Channel / 10MHz / 16QAM



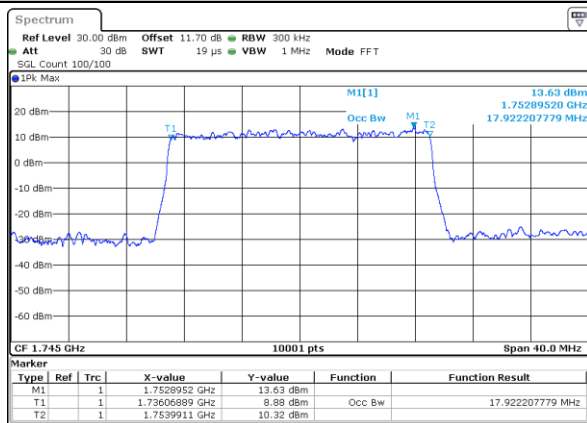
Middle Channel / 15MHz / QPSK



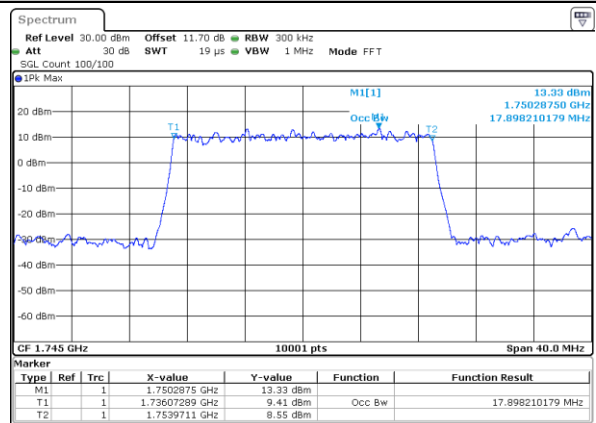
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



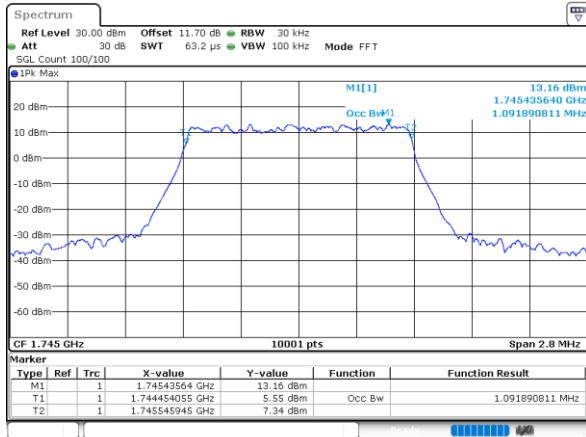
Middle Channel / 20MHz / 16QAM



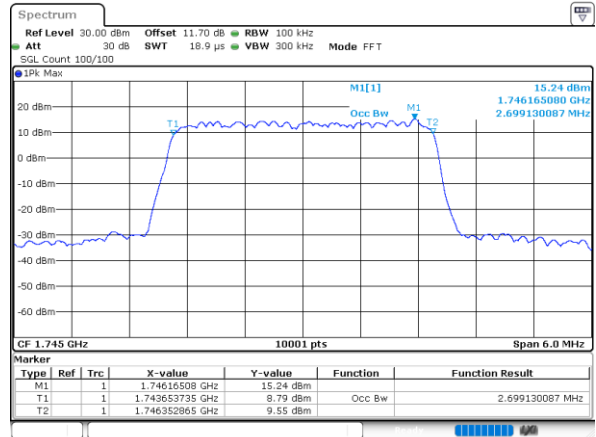


LTE Band 66

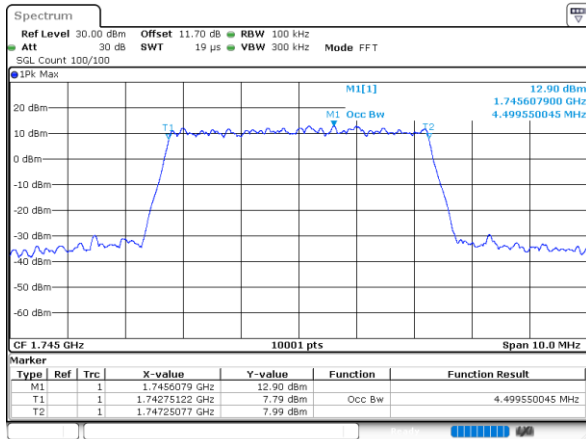
Middle Channel / 1.4MHz / 64QAM



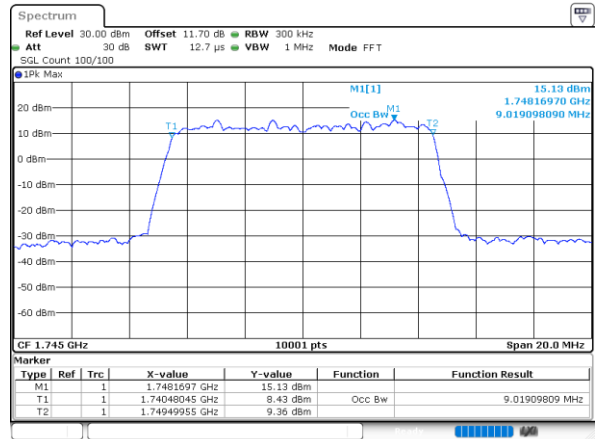
Middle Channel / 3MHz / 64QAM



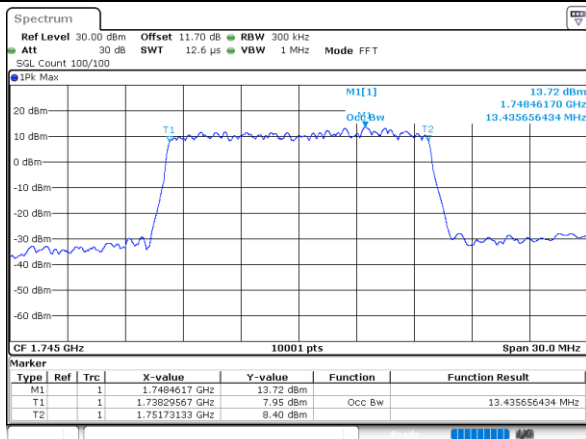
Middle Channel / 5MHz / 64QAM



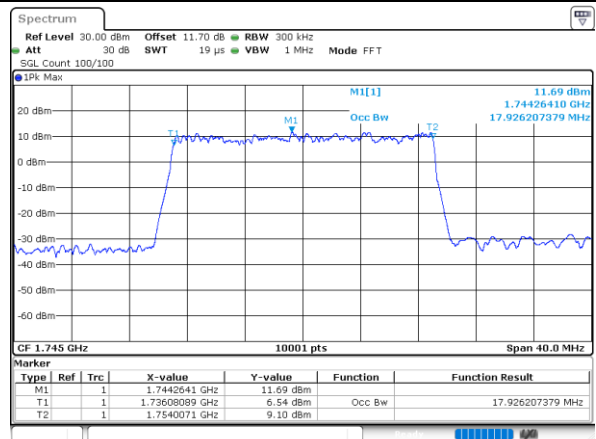
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

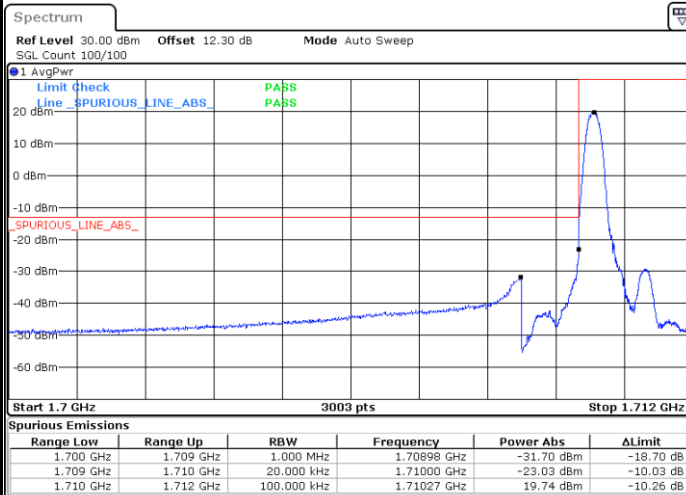




Conducted Band Edge

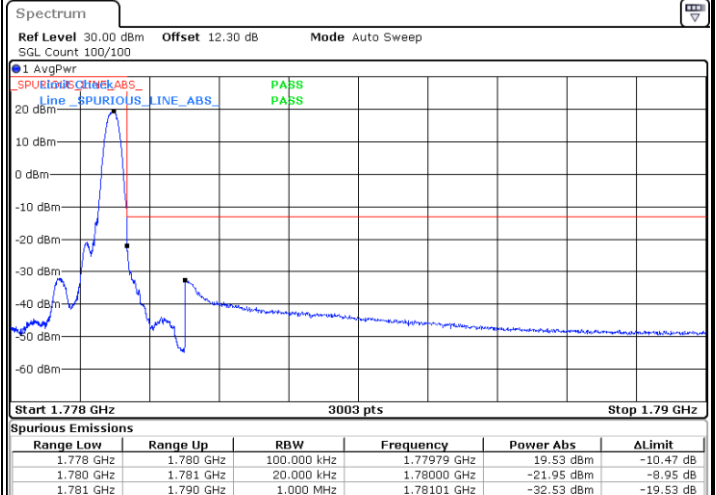
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



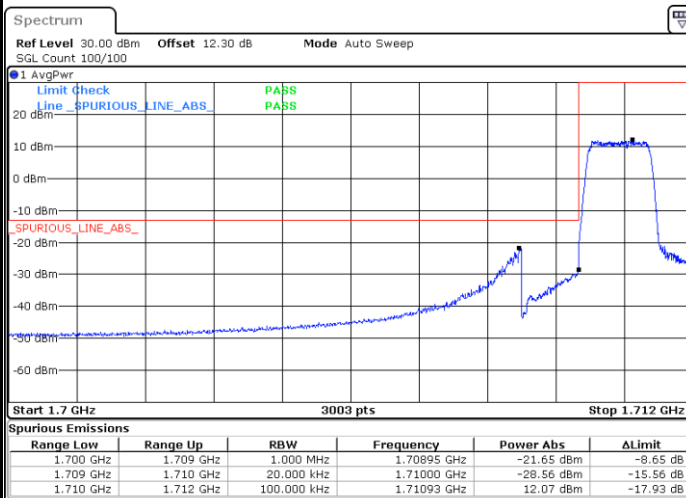
Date: 3.MAR.2025 10:47:01

Highest Band Edge / 1RB



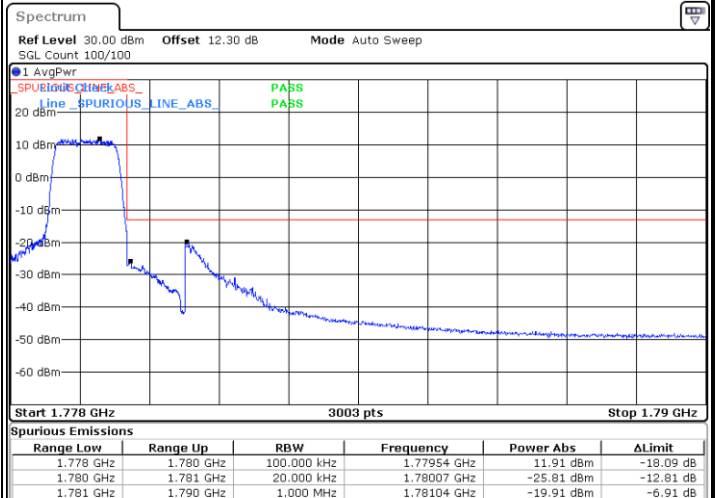
Date: 3.MAR.2025 10:56:55

Lowest Band Edge / Full RB



Date: 3.MAR.2025 10:52:04

Highest Band Edge / Full RB

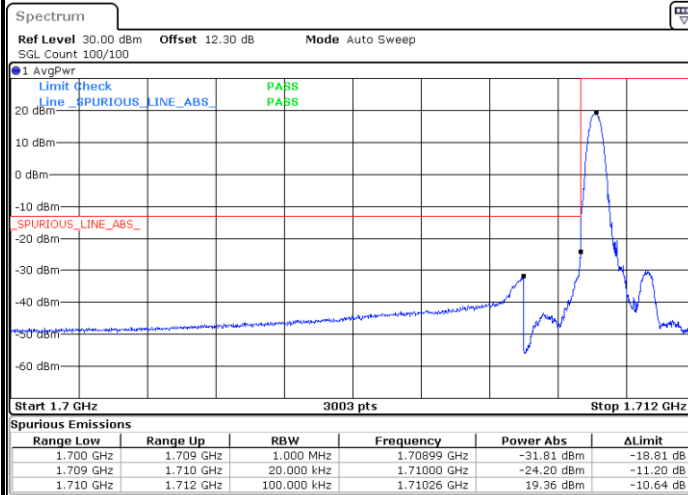


Date: 3.MAR.2025 11:01:47

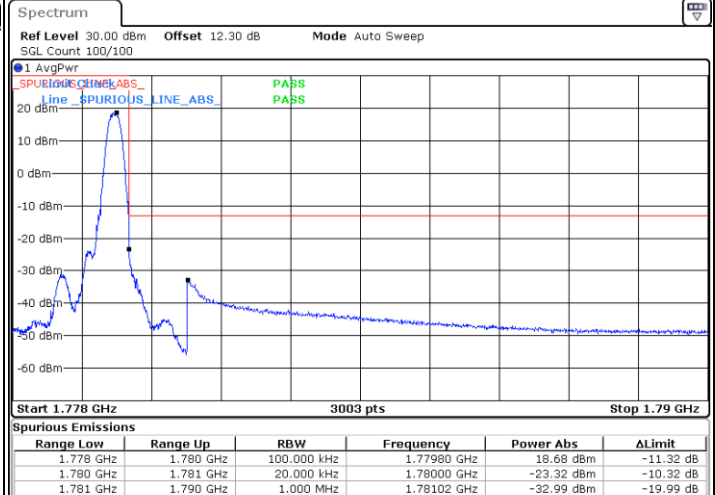


LTE Band 66 / 1.4MHz / 16QAM

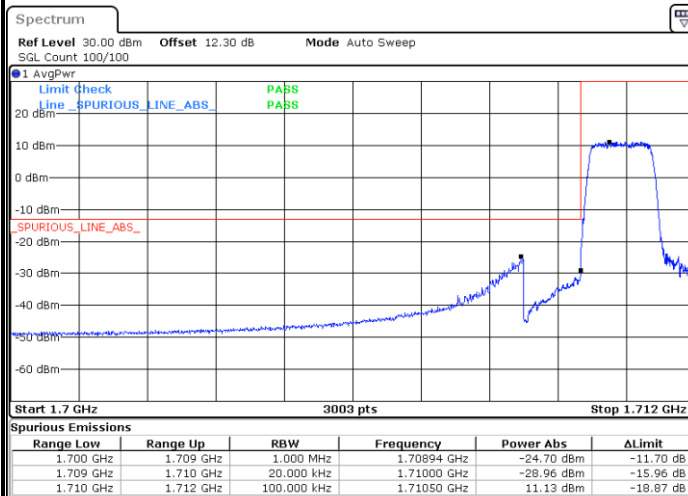
Lowest Band Edge / 1 RB



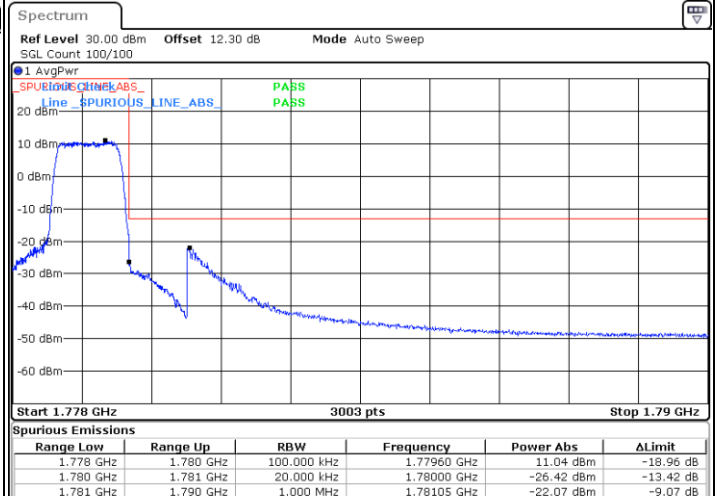
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



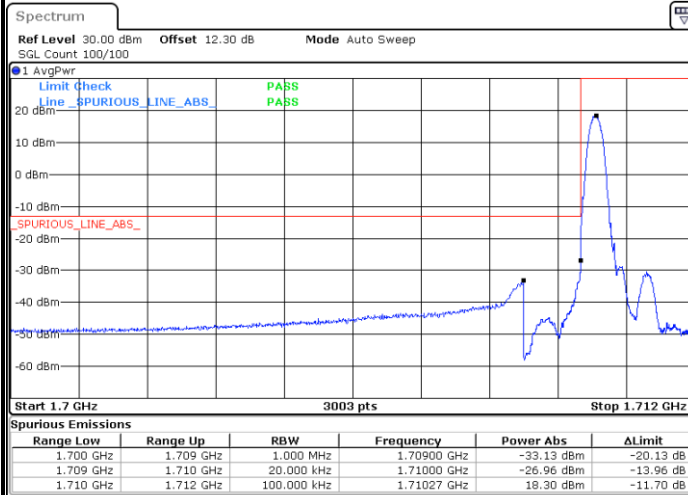
Highest Band Edge / Full RB



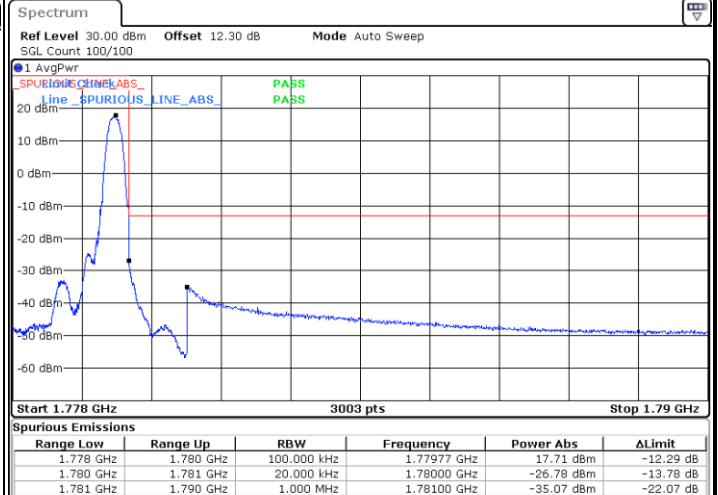


LTE Band 66 / 1.4MHz / 64QAM

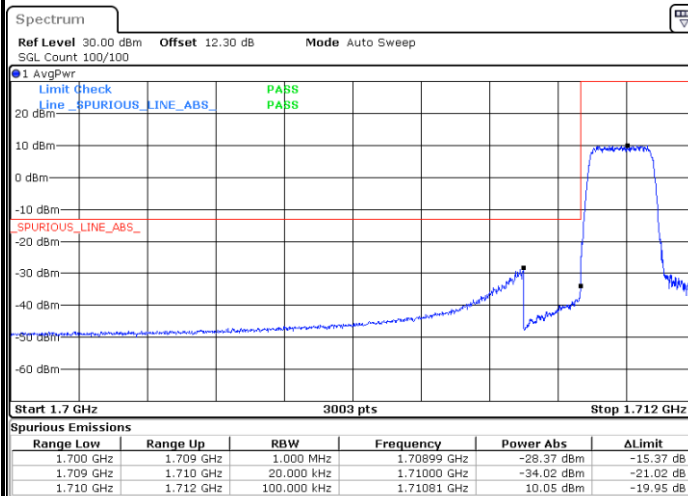
Lowest Band Edge / 1 RB



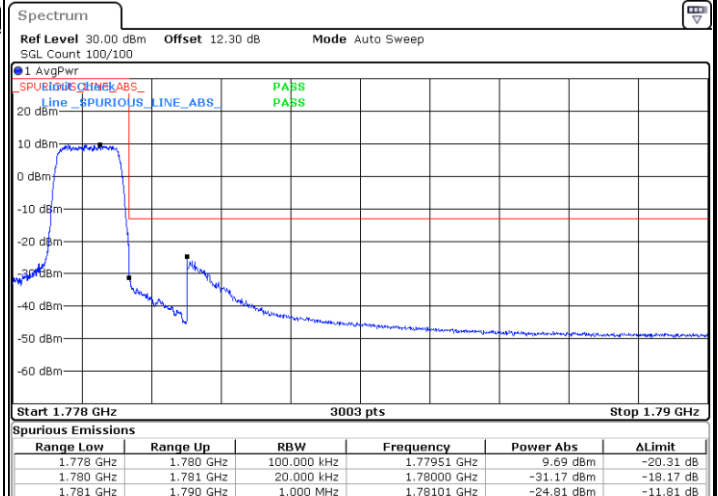
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



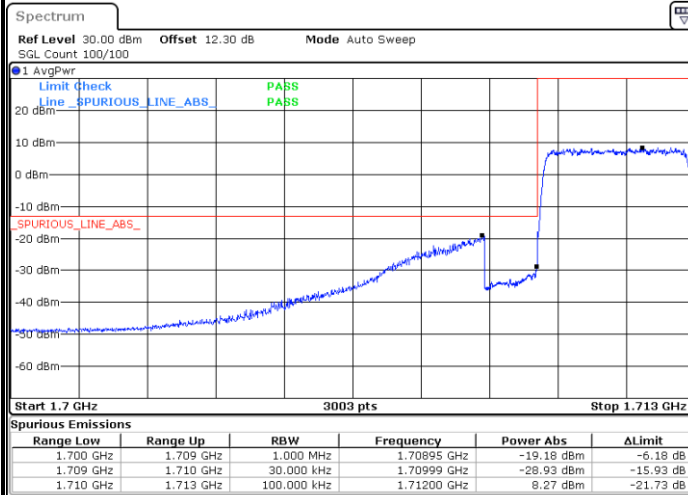
Highest Band Edge / Full RB



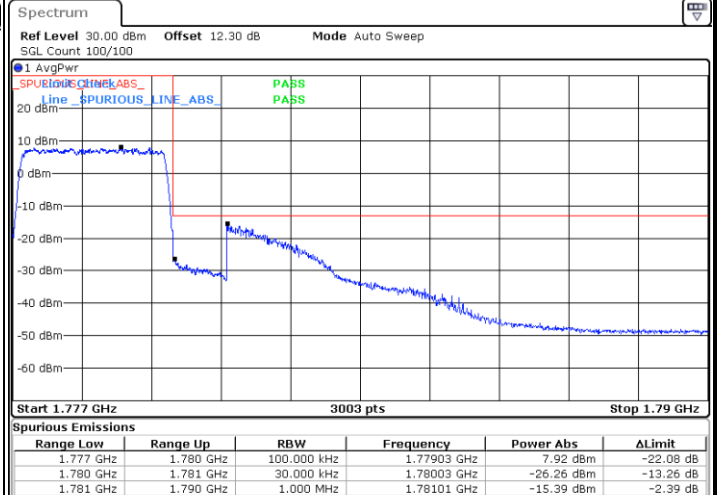


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

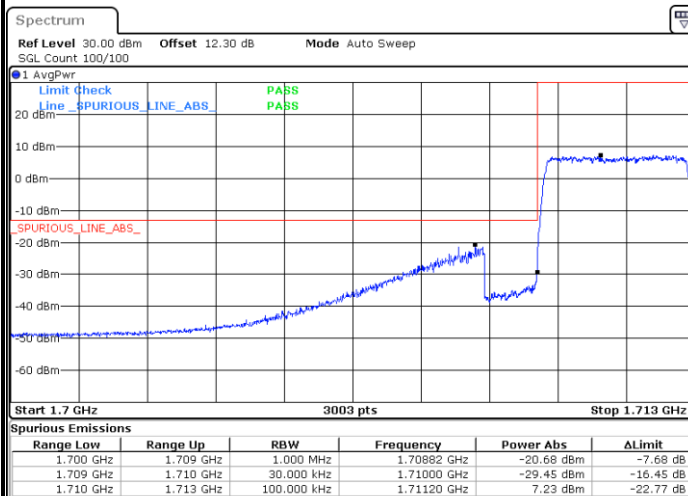


Highest Band Edge / Full RB

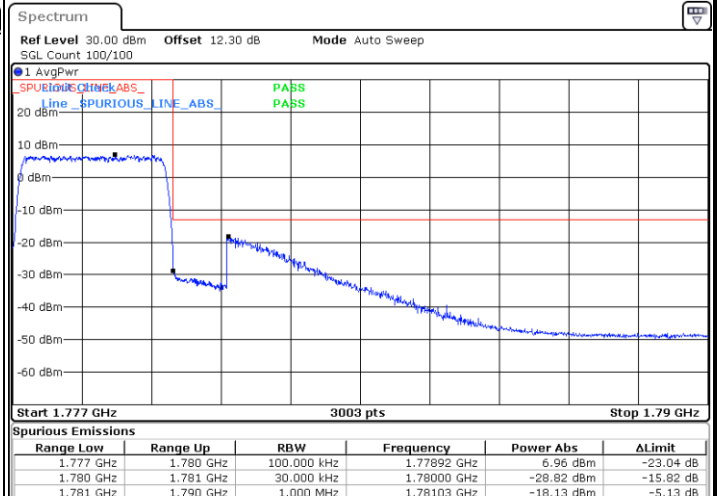


LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



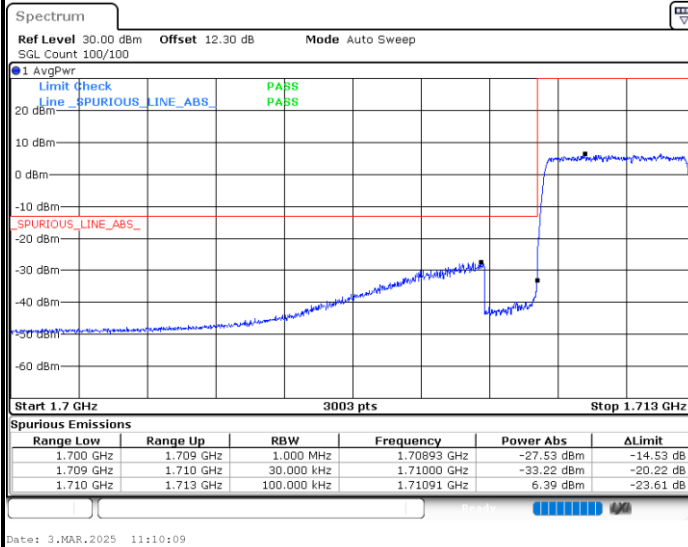
Highest Band Edge / Full RB



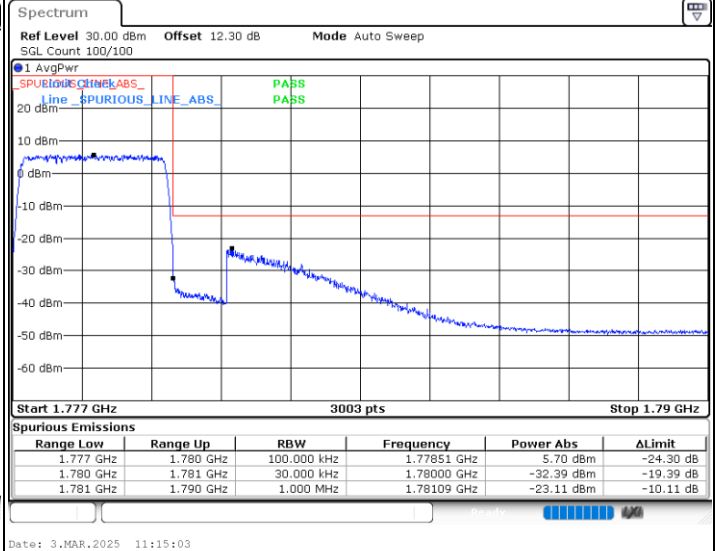


LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB

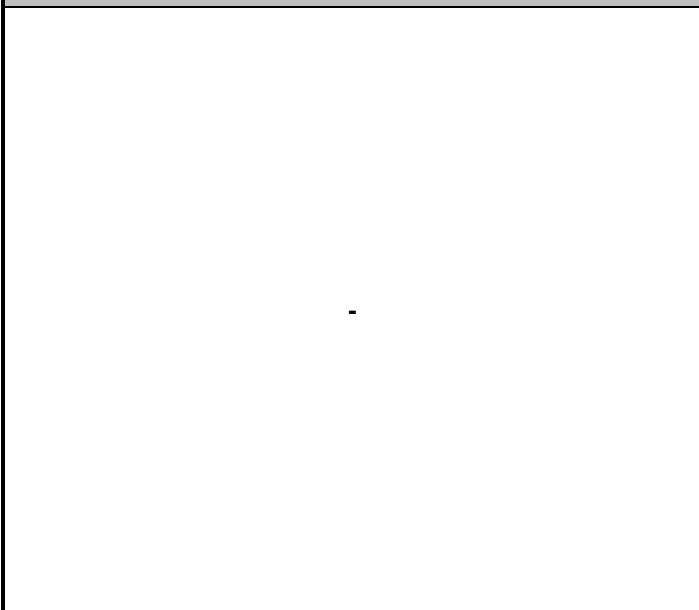


Highest Band Edge / Full RB

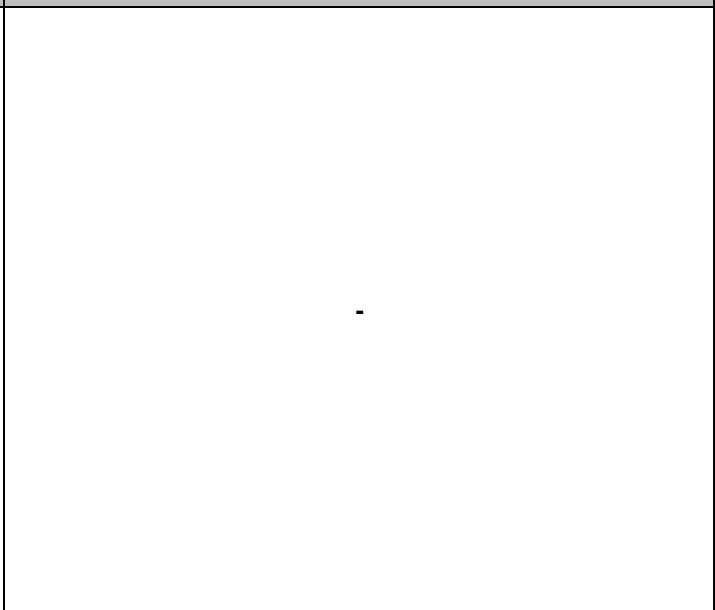


LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / Full RB



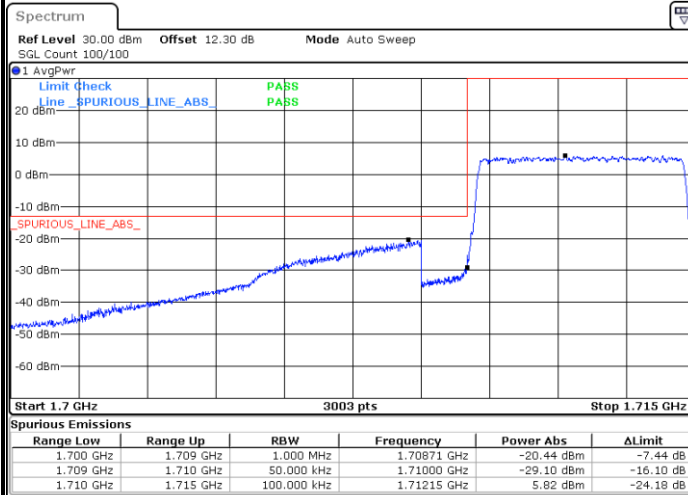
Highest Band Edge / Full RB



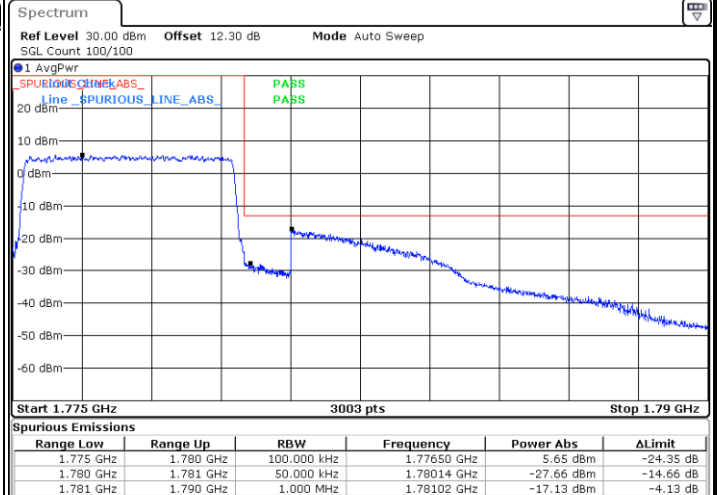


LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB

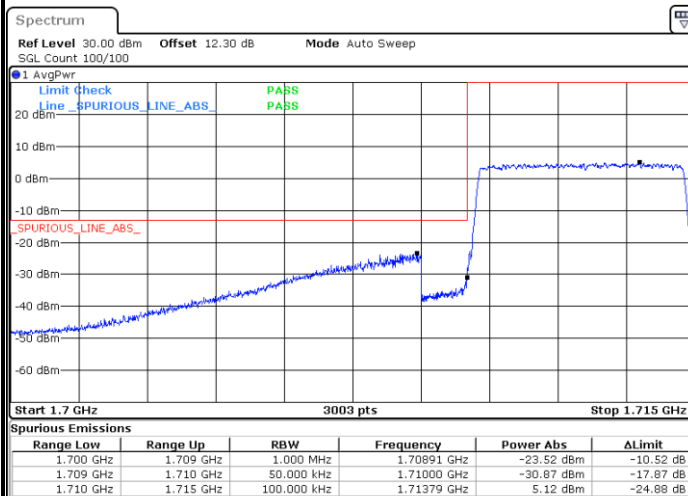


Highest Band Edge / Full RB

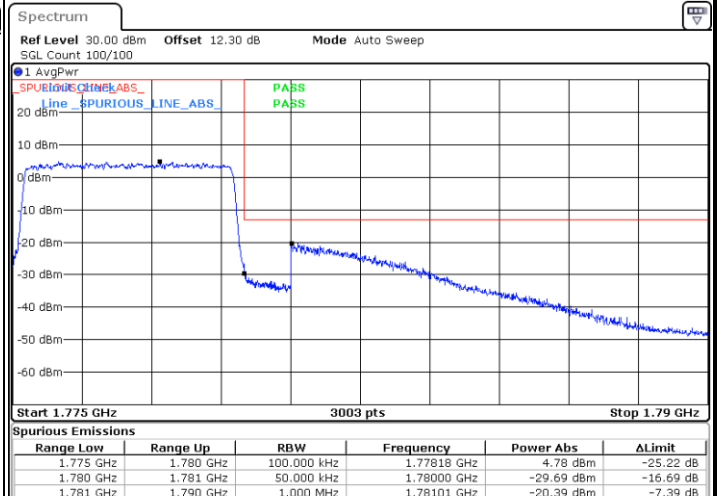


LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



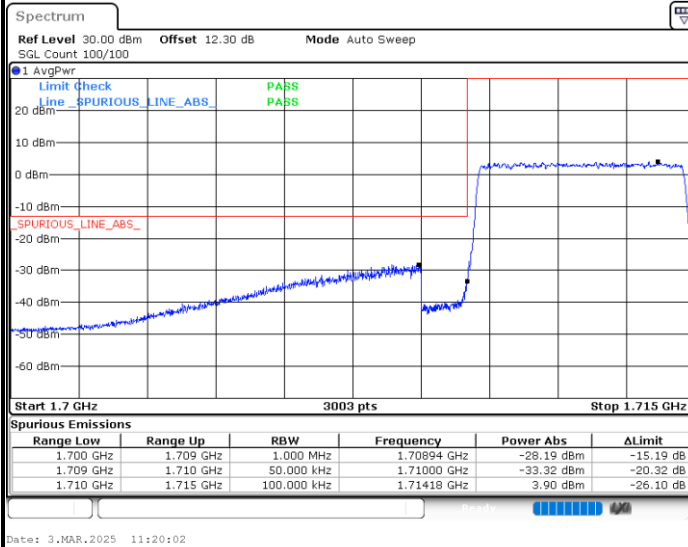
Highest Band Edge / Full RB



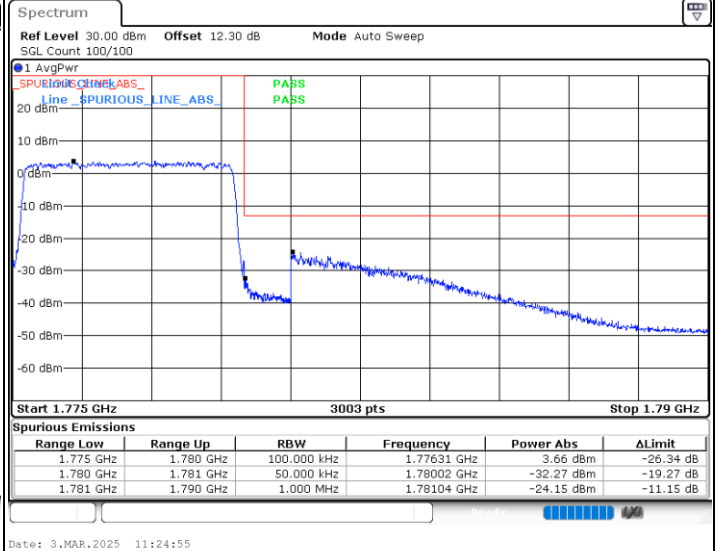


LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

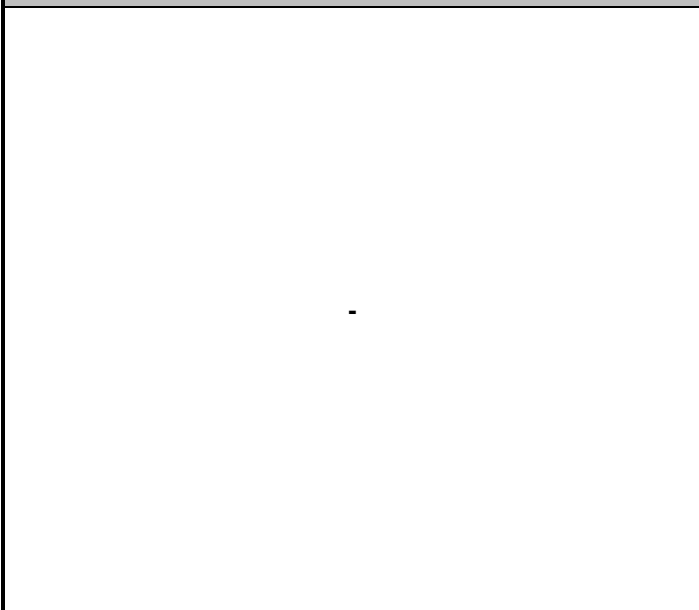


Highest Band Edge / Full RB



LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

