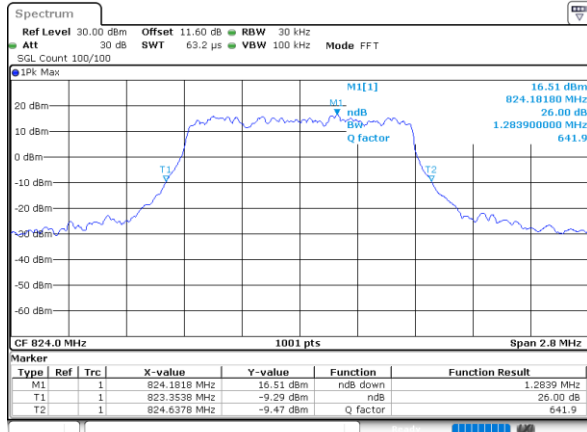




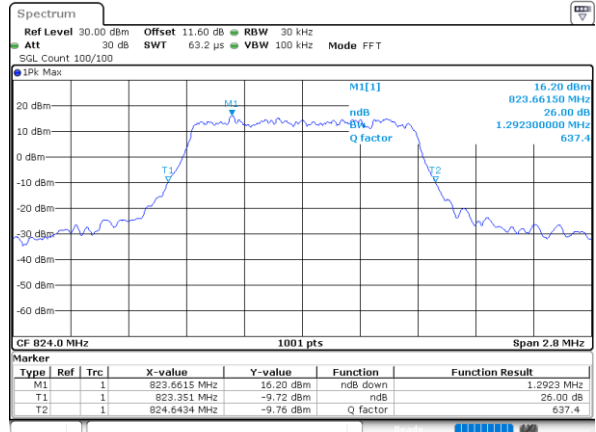
LTE Band 26

824MHz / 1.4MHz / QPSK



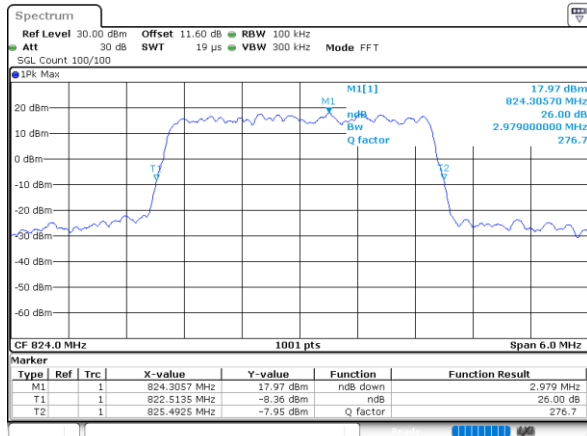
Date: 7.MAY.2025 15:18:20

824MHz / 1.4MHz / 16QAM



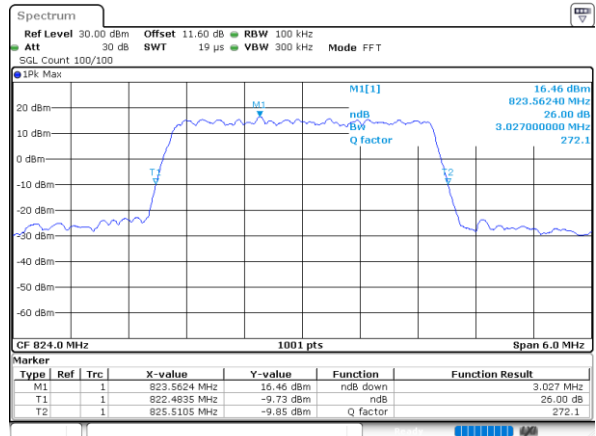
Date: 7.MAY.2025 15:18:43

824MHz / 3MHz / QPSK



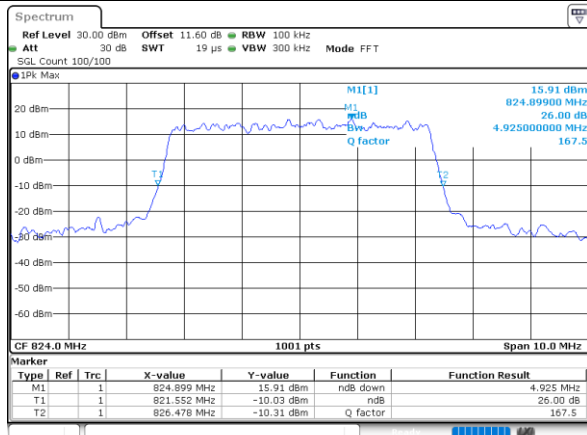
Date: 7.MAY.2025 15:19:30

824MHz / 3MHz / 16QAM



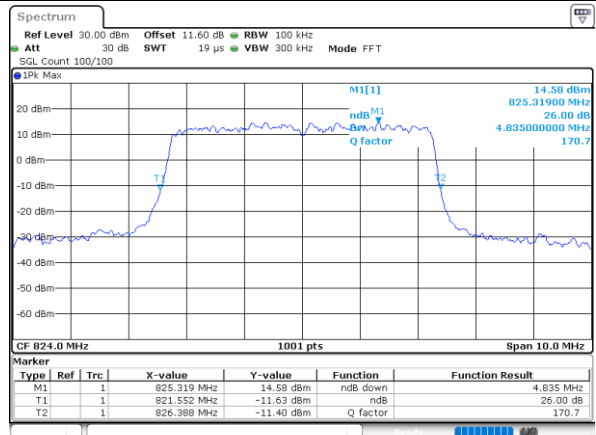
Date: 7.MAY.2025 15:19:53

824MHz / 5MHz / QPSK



Date: 7.MAY.2025 15:20:39

824MHz / 5MHz / 16QAM

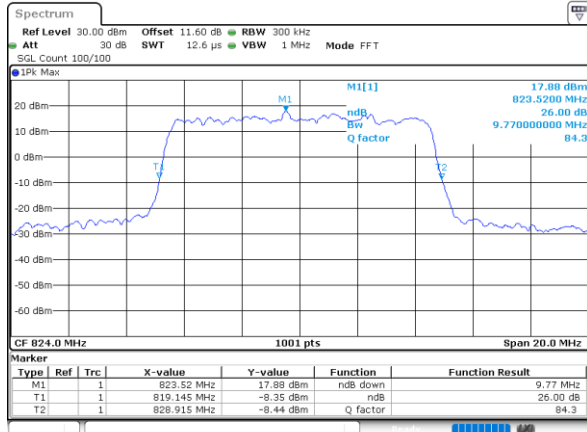


Date: 7.MAY.2025 15:21:03



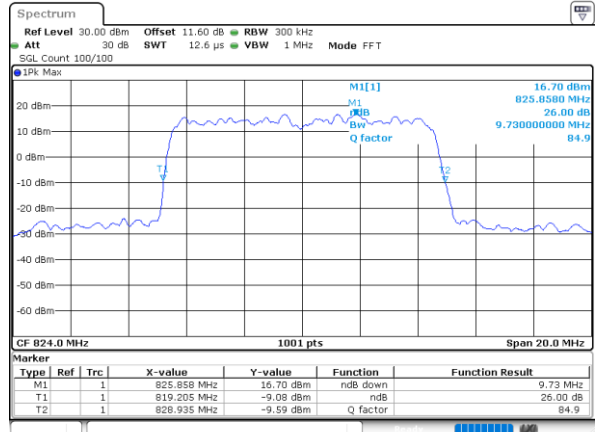
LTE Band 26

824MHz / 10MHz / QPSK



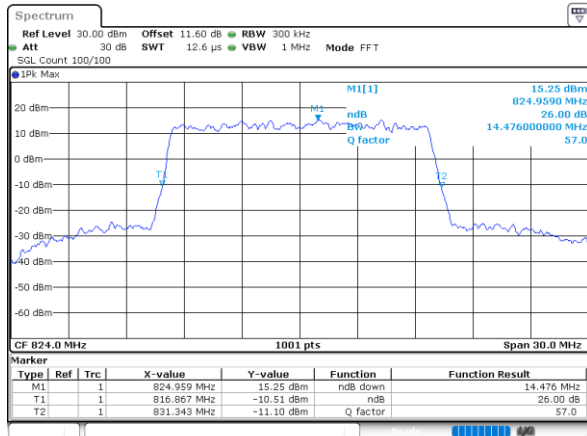
Date: 7.MAY.2025 15:21:49

824MHz / 10MHz / 16QAM



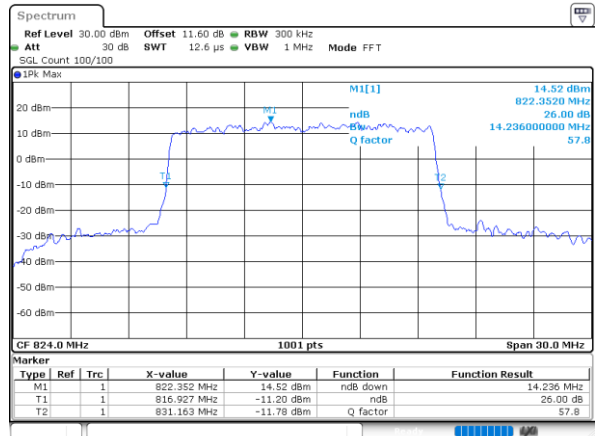
Date: 7.MAY.2025 15:22:12

824MHz / 15MHz / QPSK



Date: 7.MAY.2025 15:22:59

824MHz / 15MHz / 16QAM

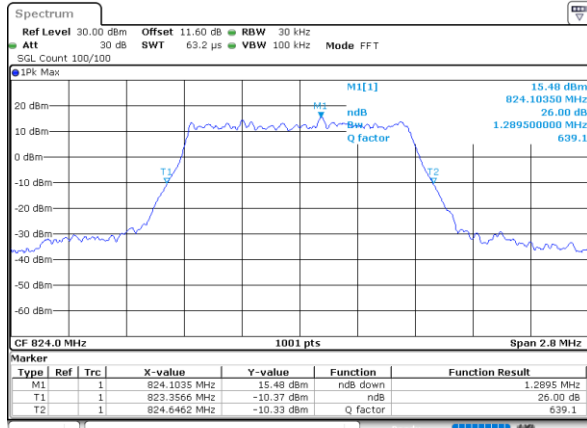


Date: 7.MAY.2025 15:23:22

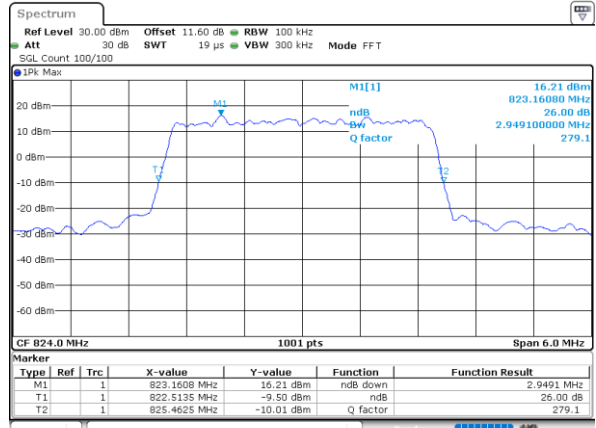


LTE Band 26

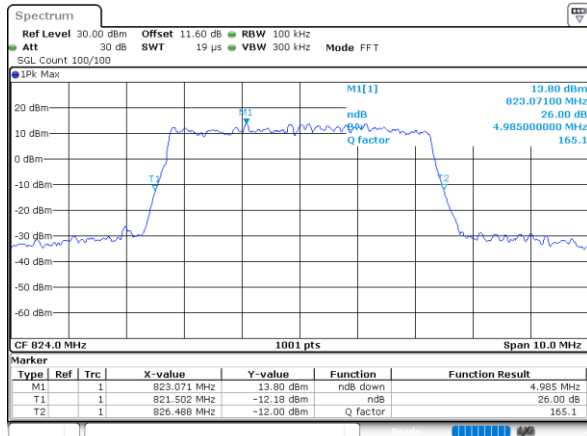
824MHz / 1.4MHz / 64QAM



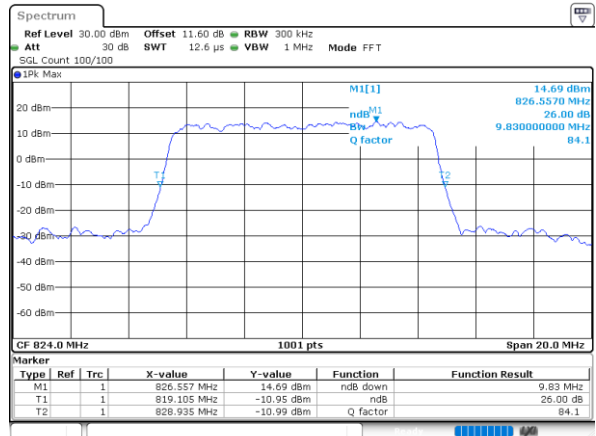
824MHz / 3MHz / 64QAM



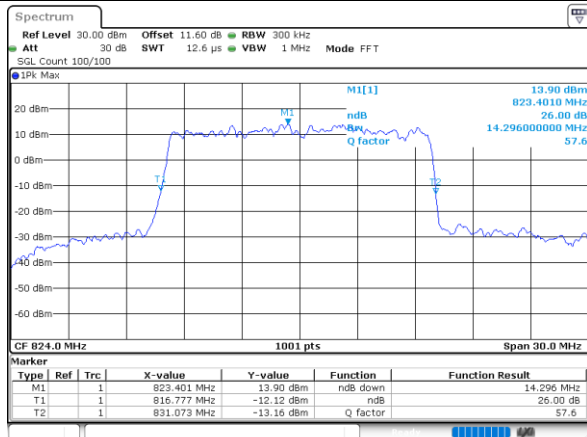
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM



N/A

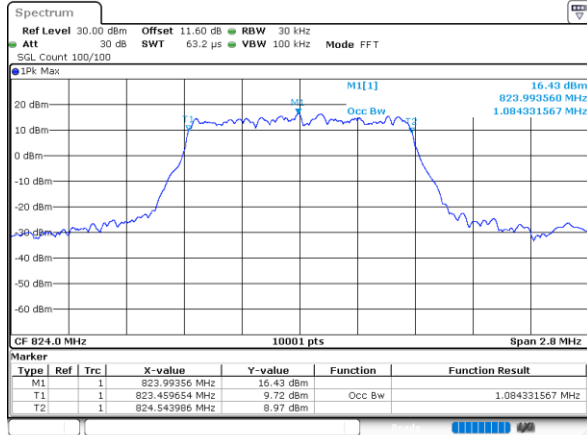
**Occupied Bandwidth**

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
824MHz	1.08	1.08	2.71	2.72	4.48	4.47	9.06	9.05	13.42	13.41	-	-
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
824MHz	1.09	-	2.72	-	4.48	-	9.04	-	13.41	-	-	-

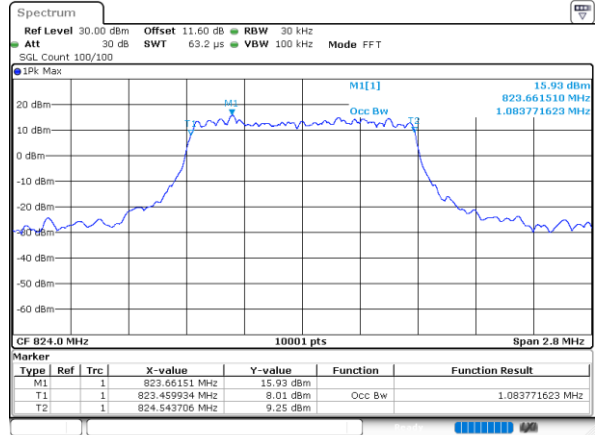


LTE Band 26

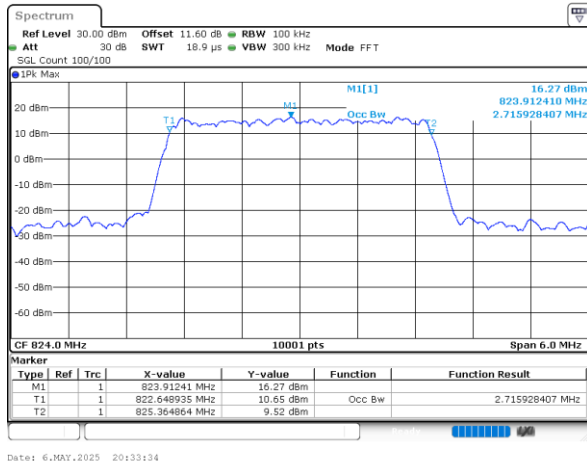
824MHz / 1.4MHz / QPSK



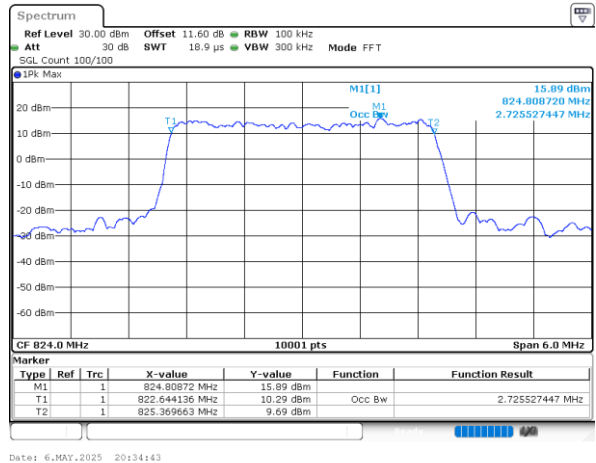
824MHz / 1.4MHz / 16QAM



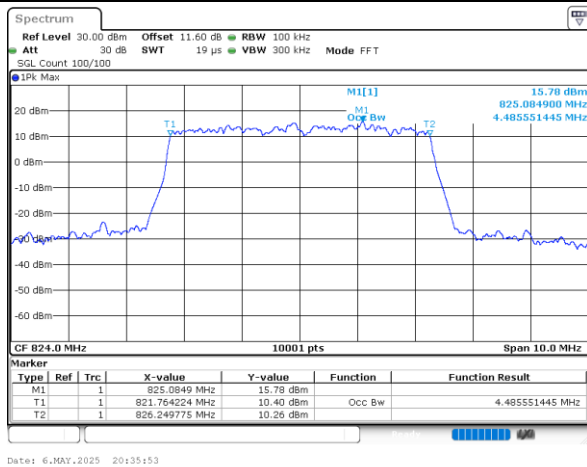
824MHz / 3MHz / QPSK



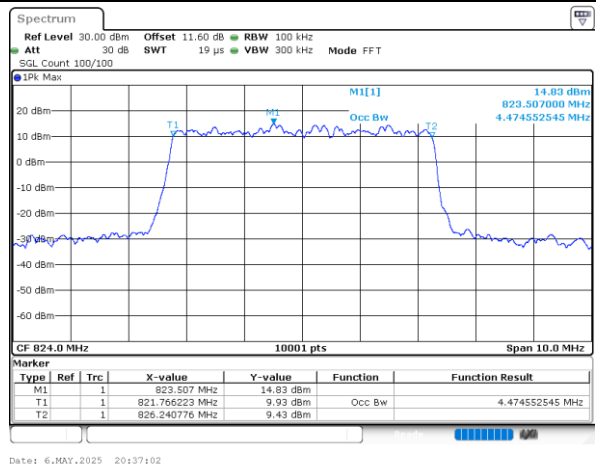
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



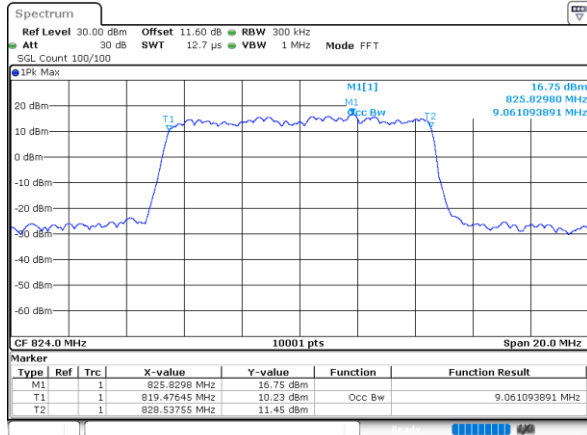
824MHz / 5MHz / 16QAM



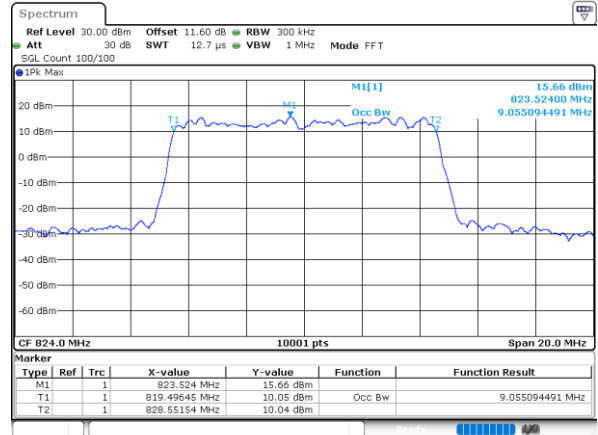


LTE Band 26

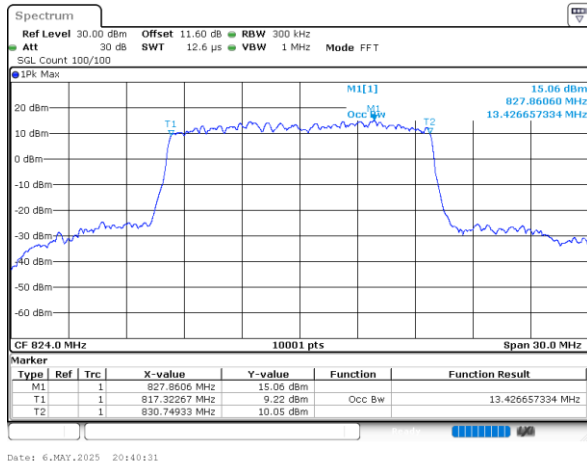
824MHz / 10MHz / QPSK



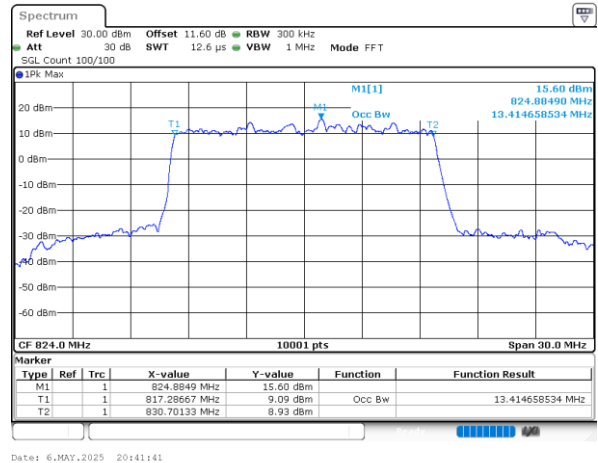
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



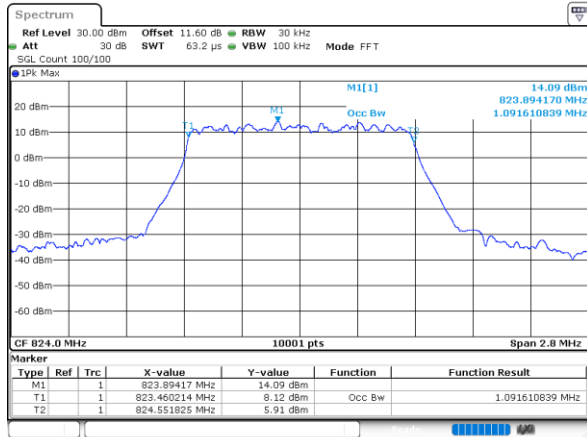
824MHz / 15MHz / 16QAM



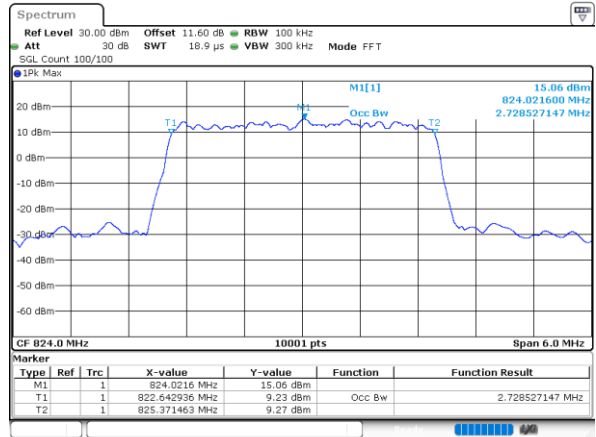


LTE Band 26

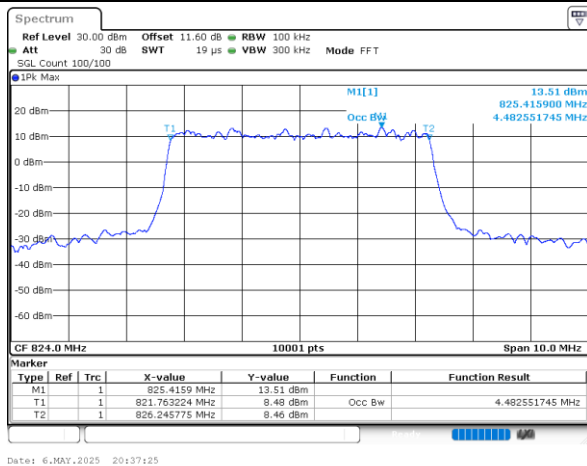
824MHz / 1.4MHz / 64QAM



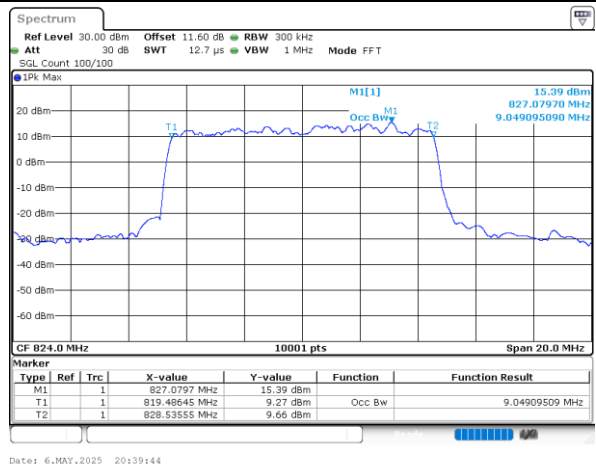
824MHz / 3MHz / 64QAM



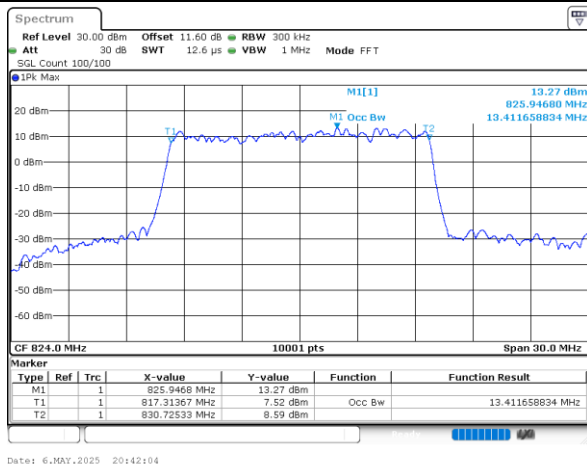
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM



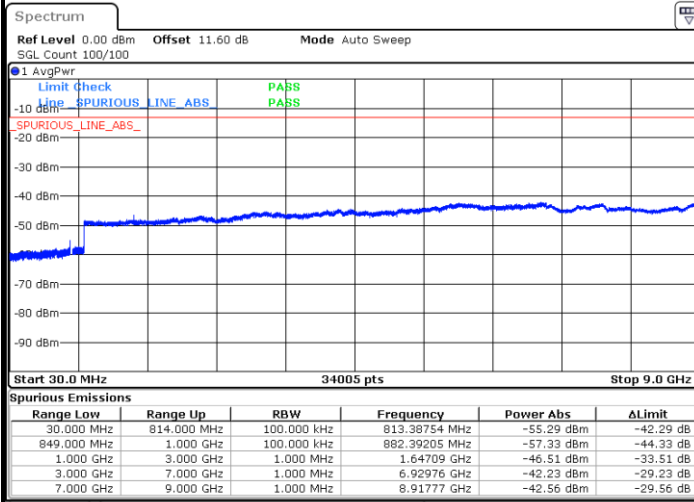
N/A



Conducted Spurious Emission

LTE Band 26 / 1.4MHz

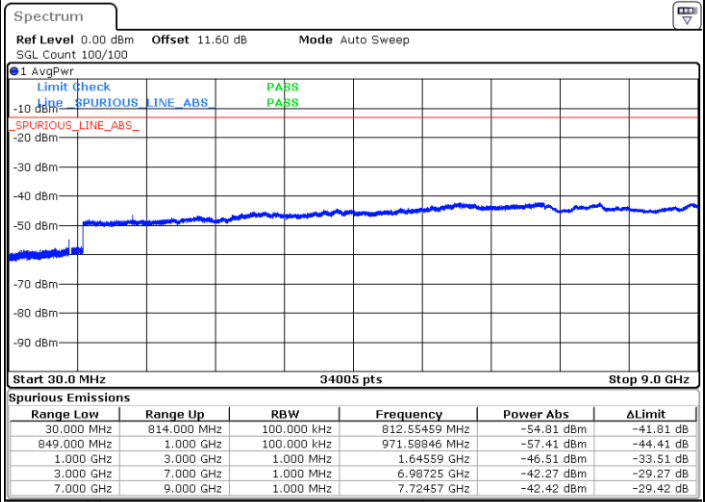
824MHz / QPSK



Date: 6.MAY.2025 20:44:55

LTE Band 26 / 3MHz

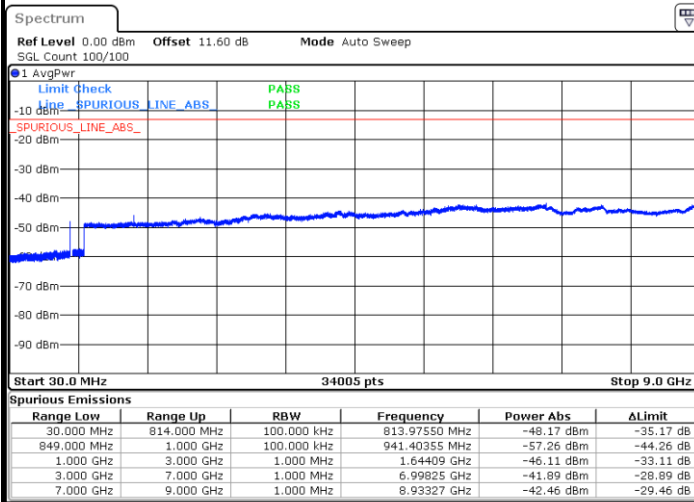
824MHz / QPSK



Date: 6.MAY.2025 20:46:09

LTE Band 26 / 5MHz

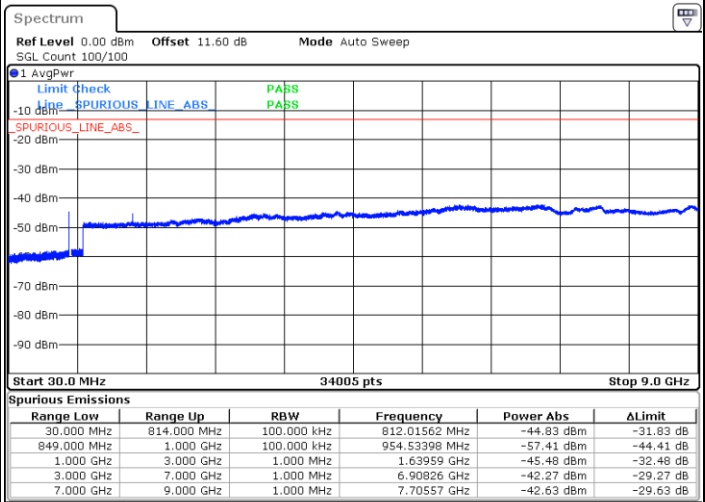
824MHz / QPSK



Date: 6.MAY.2025 20:47:22

LTE Band 26 / 10MHz

824MHz / QPSK



Date: 6.MAY.2025 20:48:36

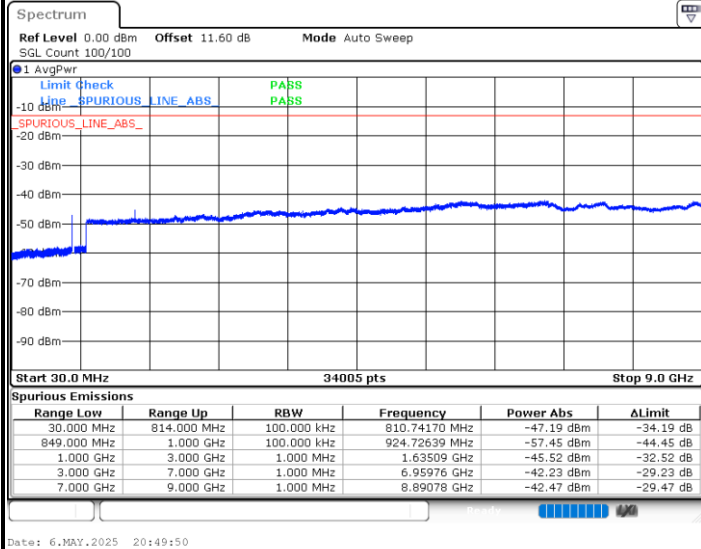


LTE Band 26 / 15MHz

N/A

824MHz / QPSK

N/A



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0084	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0097	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0140	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0124	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0035	

Note:

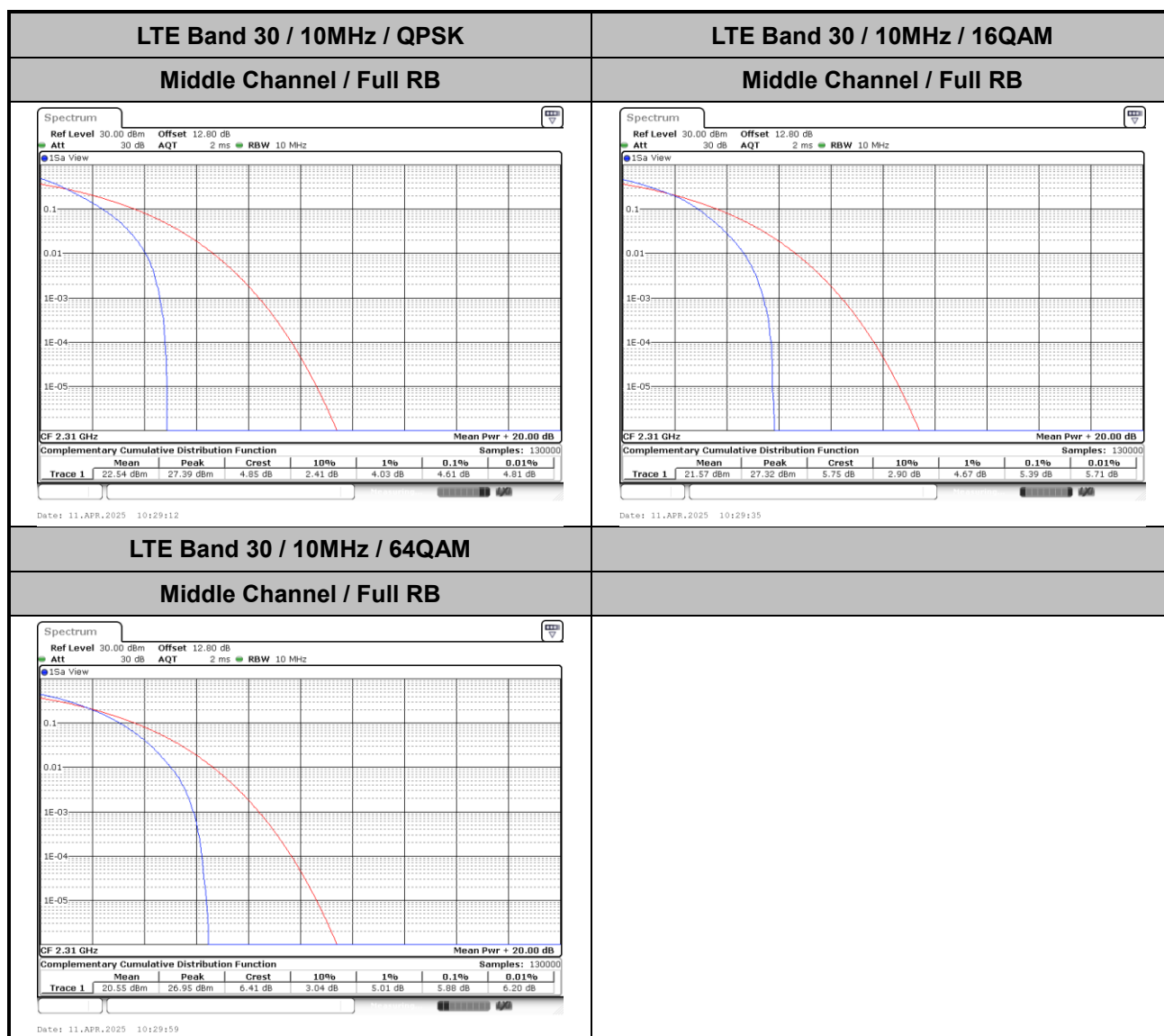
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.



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	4.61	5.39	5.88	-	PASS



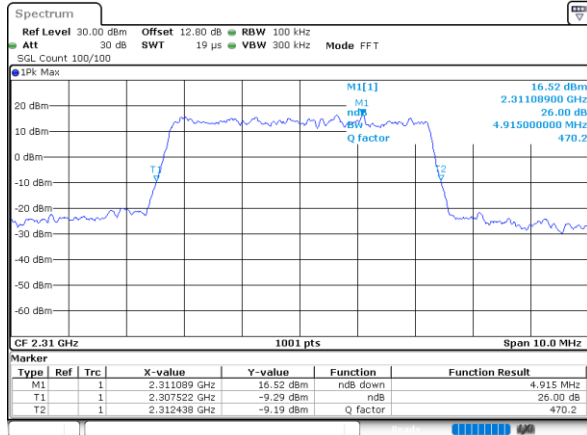
**26dB Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.91	4.87	9.75	9.71	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.93	-	9.81	-	-	-	-	-



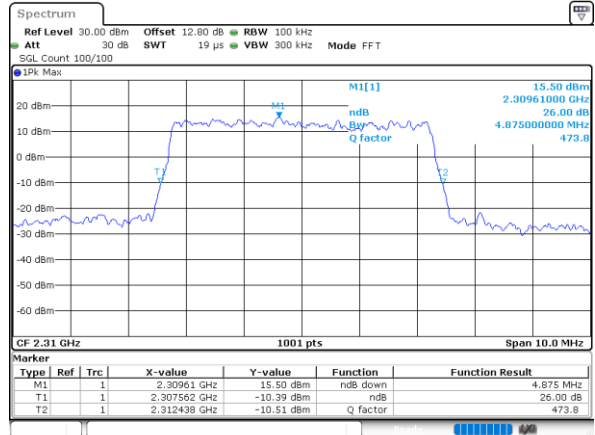
LTE Band 30

Middle Channel / 5MHz / QPSK



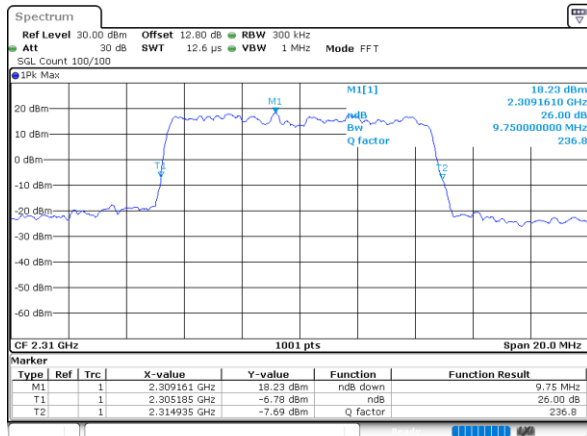
Date: 11.APR.2025 10:26:54

Middle Channel / 5MHz / 16QAM



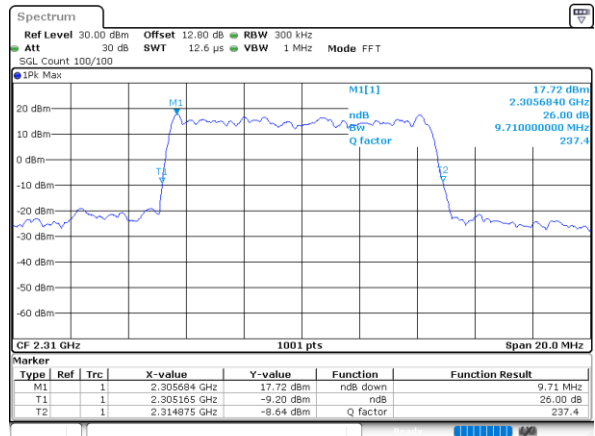
Date: 11.APR.2025 10:27:17

Middle Channel / 10MHz / QPSK



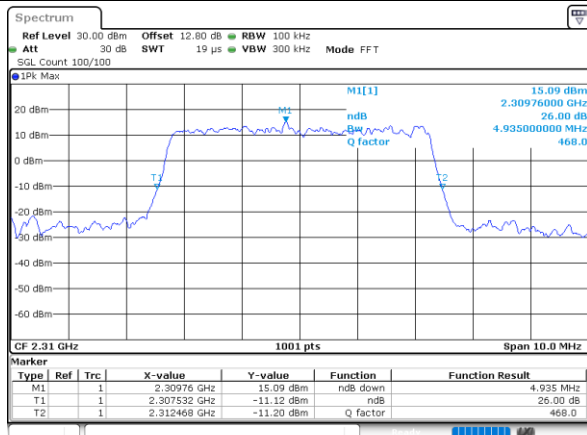
Date: 11.APR.2025 10:28:03

Middle Channel / 10MHz / 16QAM



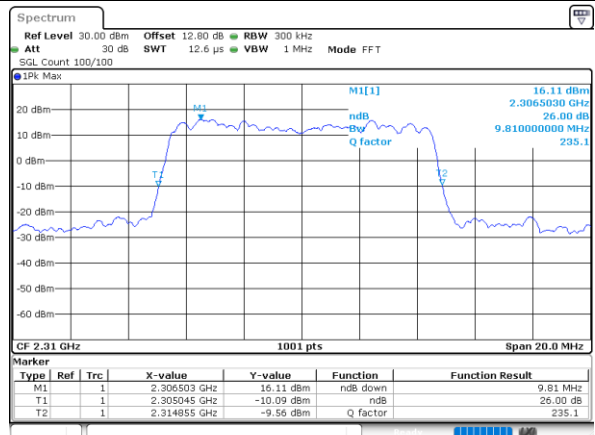
Date: 11.APR.2025 10:28:26

Middle Channel / 5MHz / 64QAM



Date: 11.APR.2025 10:27:39

Middle Channel / 10MHz / 64QAM



Date: 11.APR.2025 10:28:48

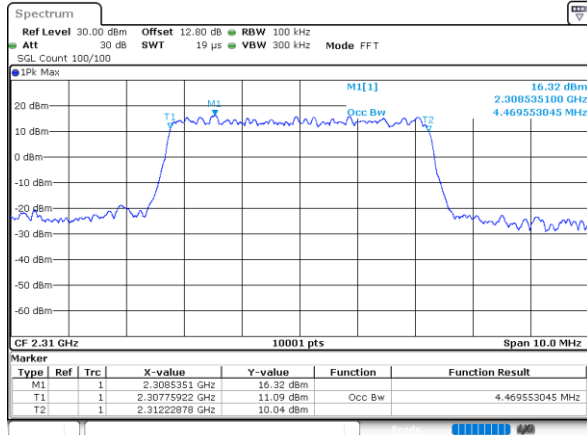
**Occupied Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.46	4.50	9.04	9.08	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.49	-	9.07	-	-	-	-	-

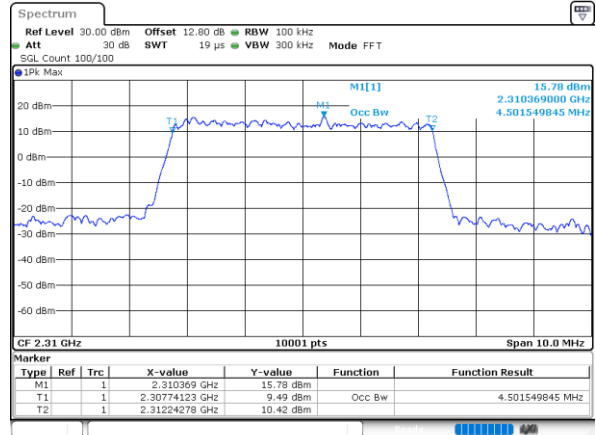


LTE Band 30

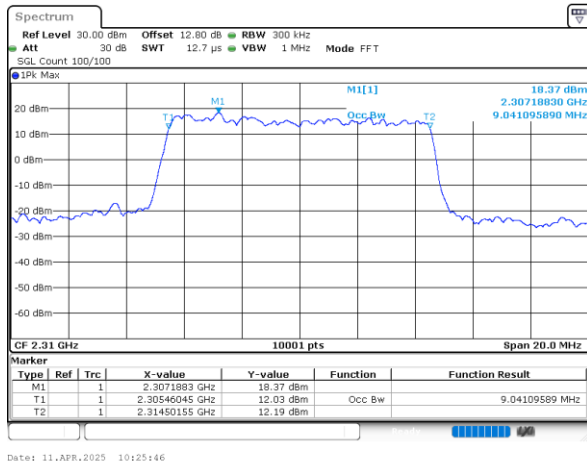
Middle Channel / 5MHz / QPSK



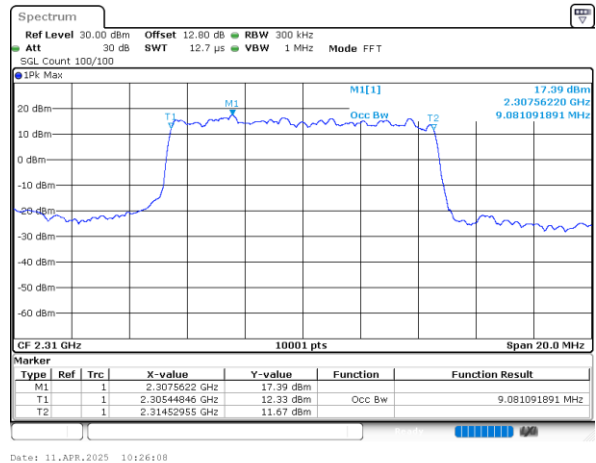
Middle Channel / 5MHz / 16QAM



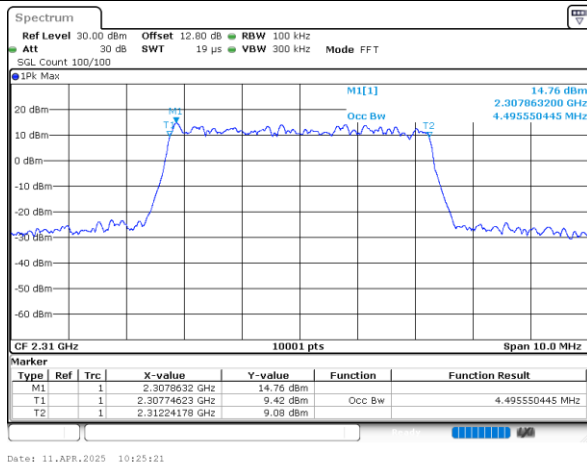
Middle Channel / 10MHz / QPSK



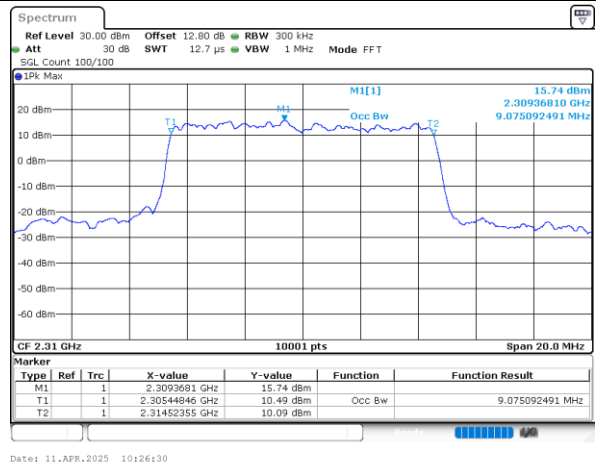
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

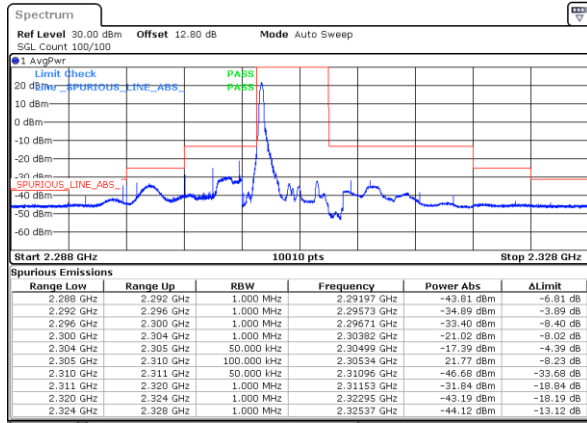




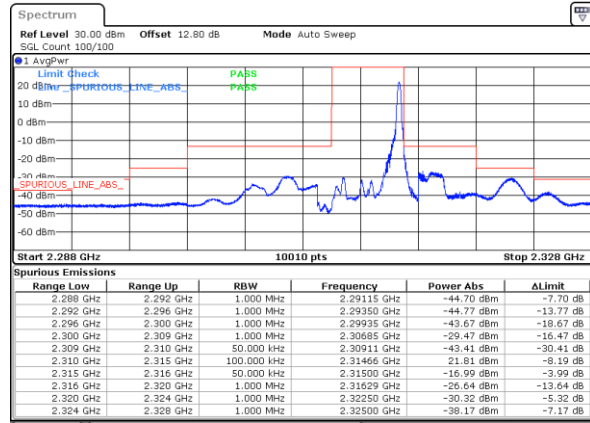
Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

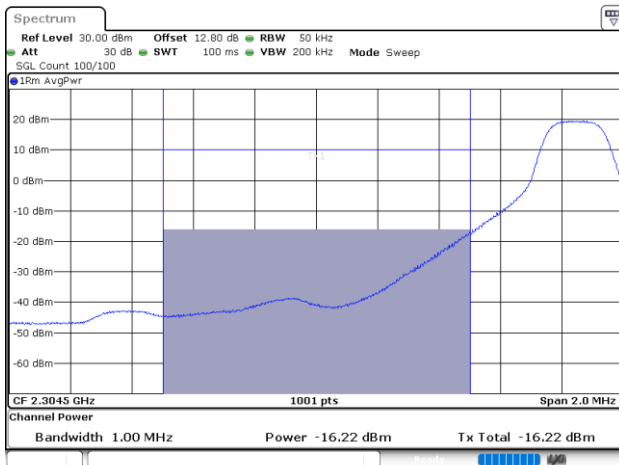
Lowest Band Edge / 1 RB



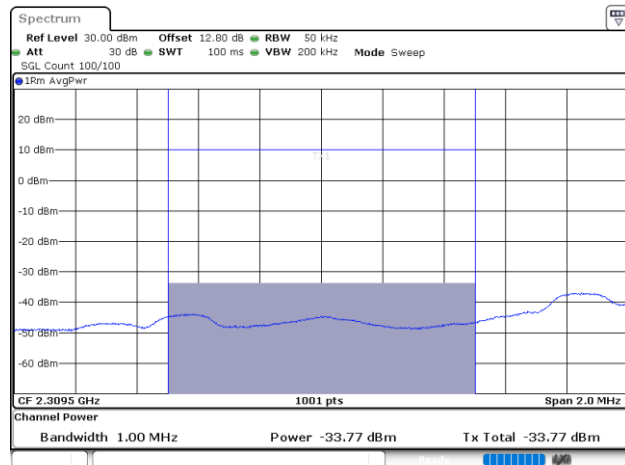
Highest Band Edge / 1 RB



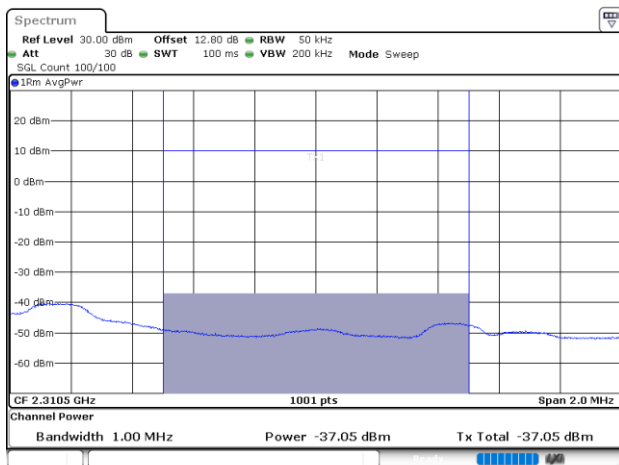
Lowest Band Edge / 1 RB / Lower zoom in



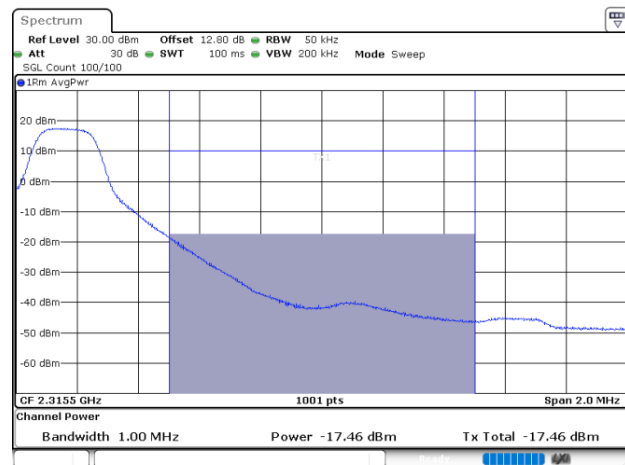
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



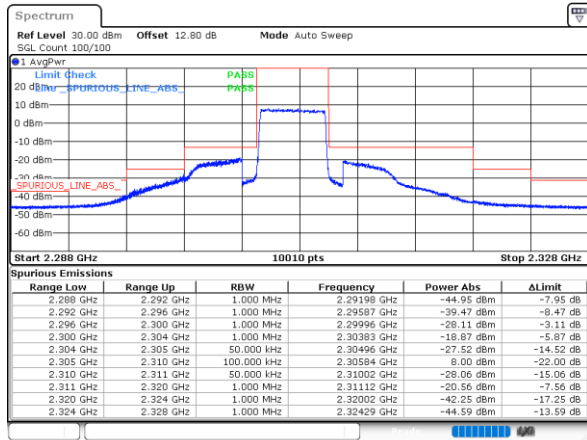
Highest Band Edge / 1 RB / Upper zoom in





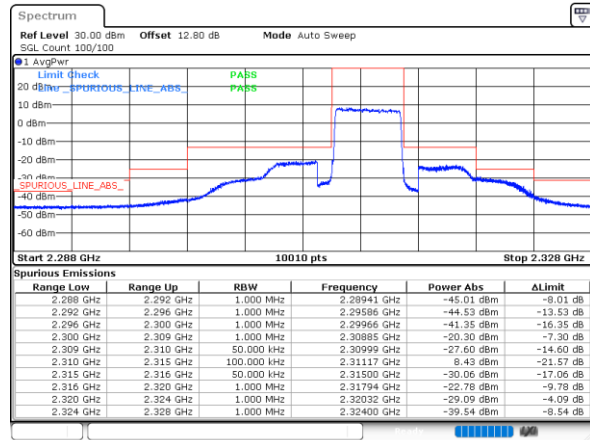
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / Full RB



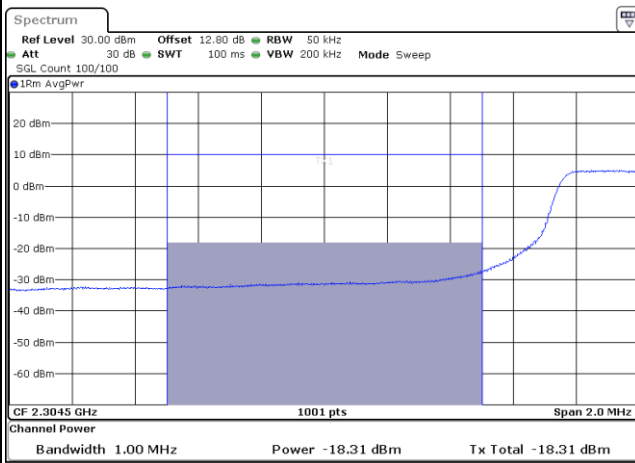
Date: 11.APR.2025 10:09:21

Highest Band Edge / Full RB



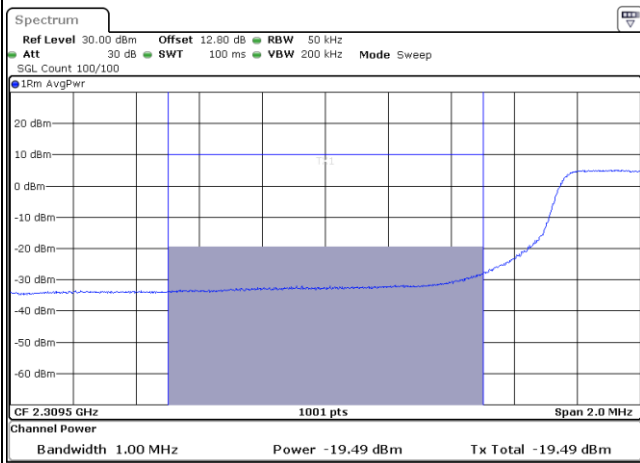
Date: 11.APR.2025 10:14:36

Lowest Band Edge / Full RB / Lower zoom in



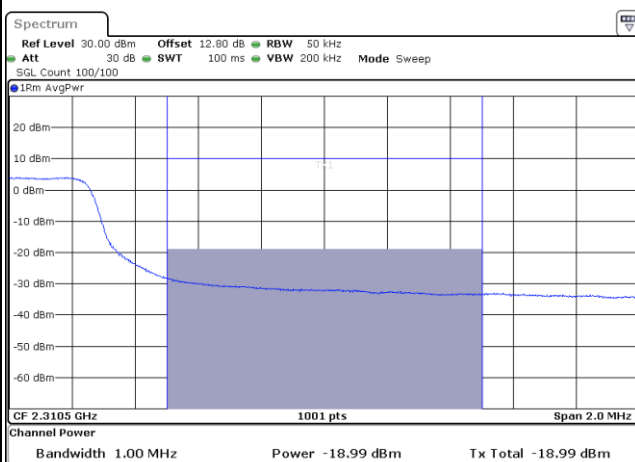
Date: 11.APR.2025 11:01:06

Highest Band Edge / Full RB / Lower zoom in



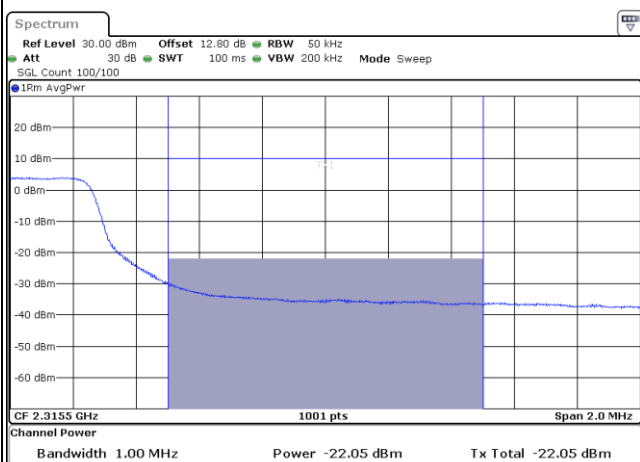
Date: 11.APR.2025 10:55:19

Lowest Band Edge / Full RB / Upper zoom in



Date: 11.APR.2025 11:03:31

Highest Band Edge / Full RB / Upper zoom in

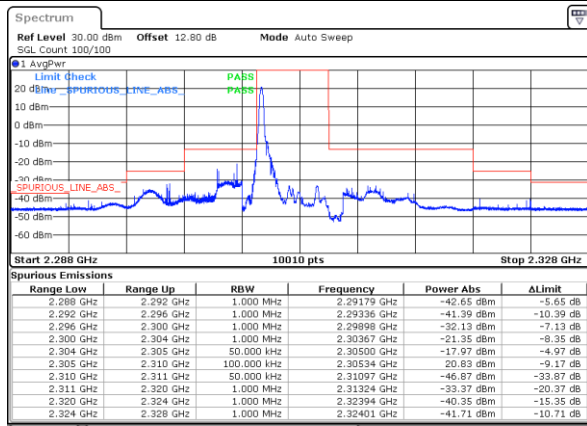


Date: 11.APR.2025 10:57:44



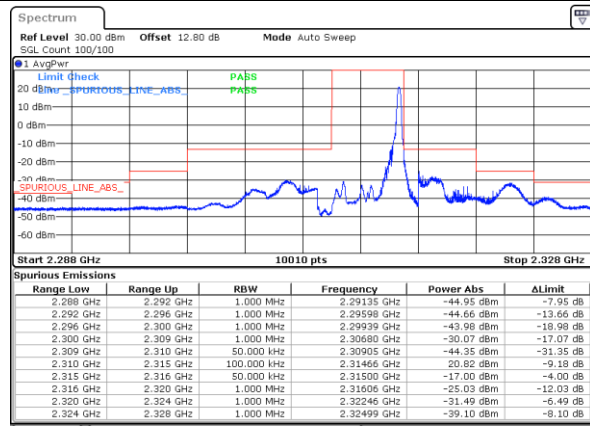
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



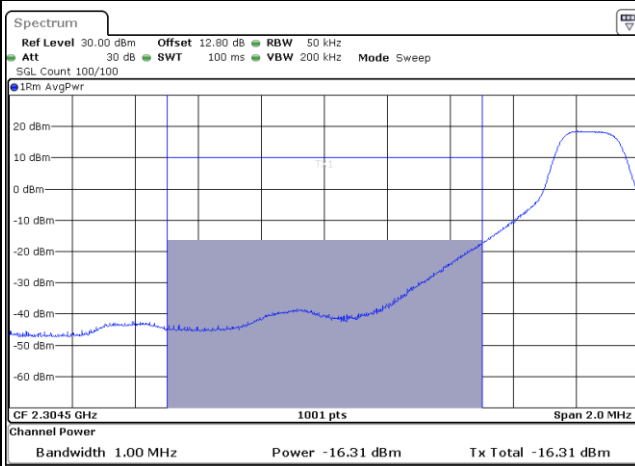
Date: 11.APR.2025 10:07:36

Highest Band Edge / 1 RB



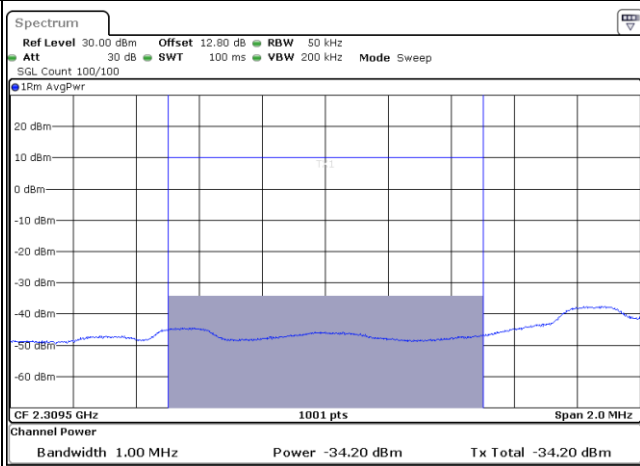
Date: 11.APR.2025 10:12:51

Lowest Band Edge / 1 RB / Lower zoom in



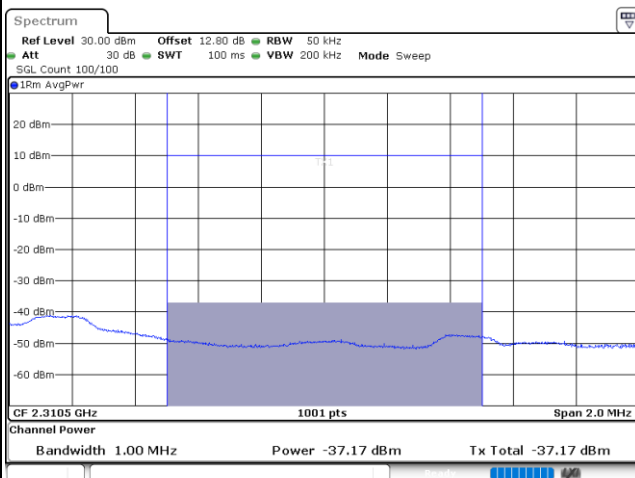
Date: 11.APR.2025 10:50:42

Highest Band Edge / 1 RB / Lower zoom in



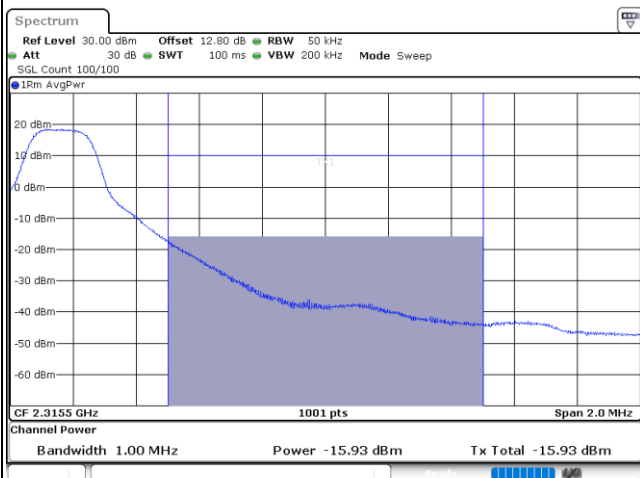
Date: 11.APR.2025 10:52:54

Lowest Band Edge / 1 RB / Upper zoom in



Date: 11.APR.2025 11:00:08

Highest Band Edge / 1 RB / Upper zoom in

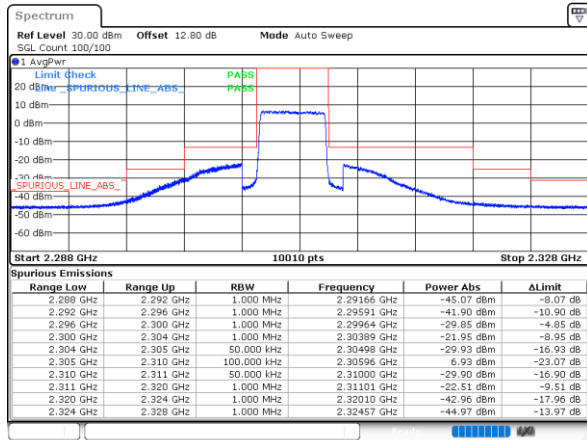


Date: 11.APR.2025 10:54:21

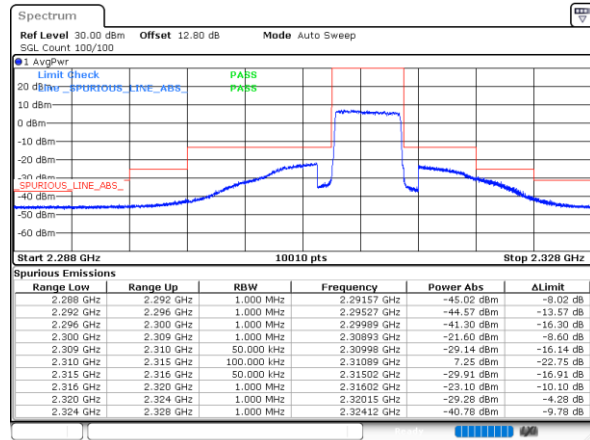


LTE Band 30 / 5MHz / 16QAM

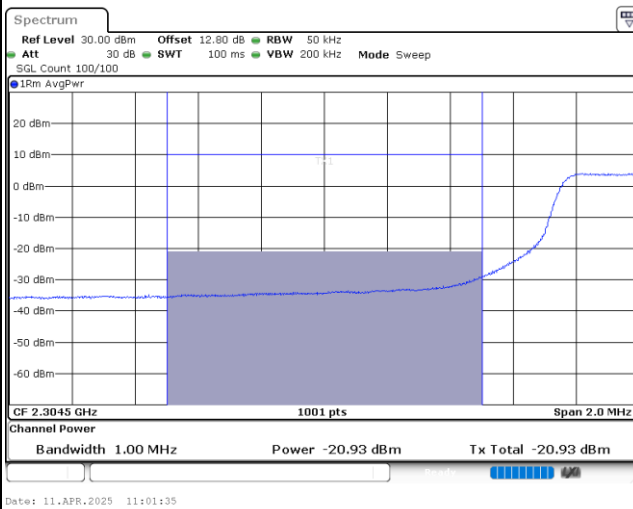
Lowest Band Edge / Full RB



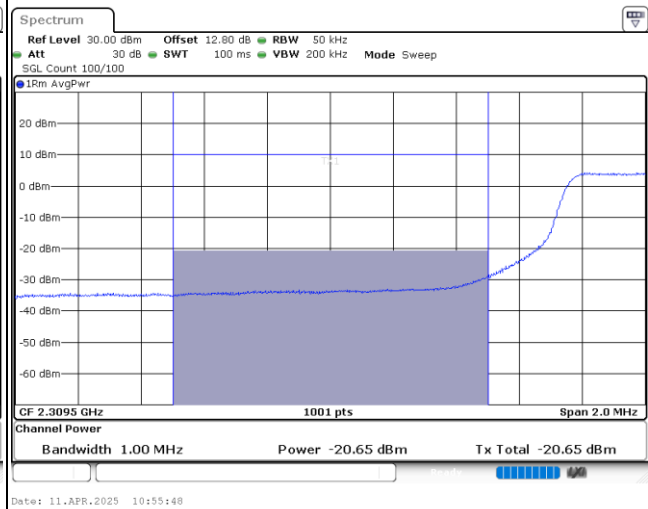
Highest Band Edge / Full RB



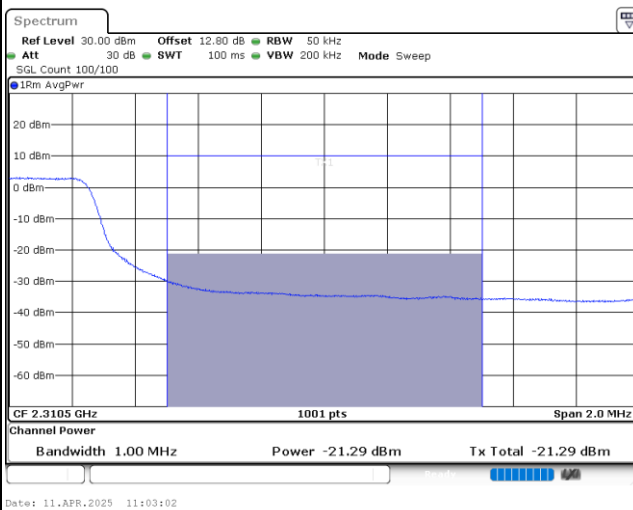
Lowest Band Edge / Full RB / Lower zoom in



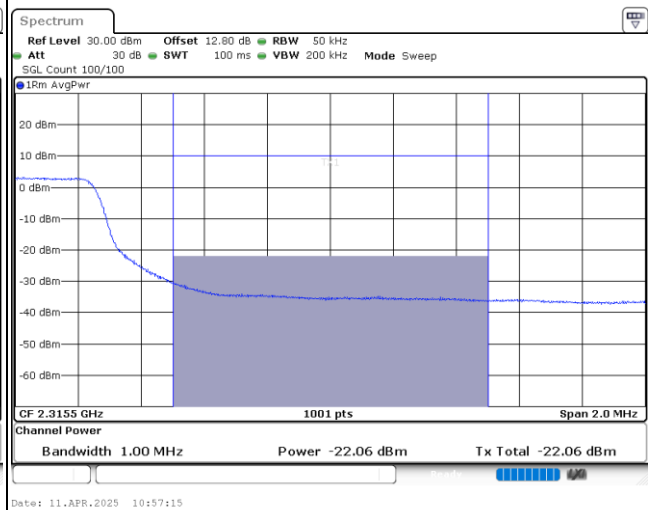
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



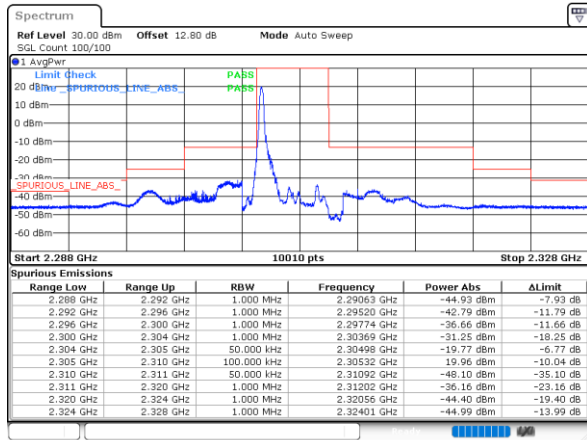
Highest Band Edge / Full RB / Upper zoom in





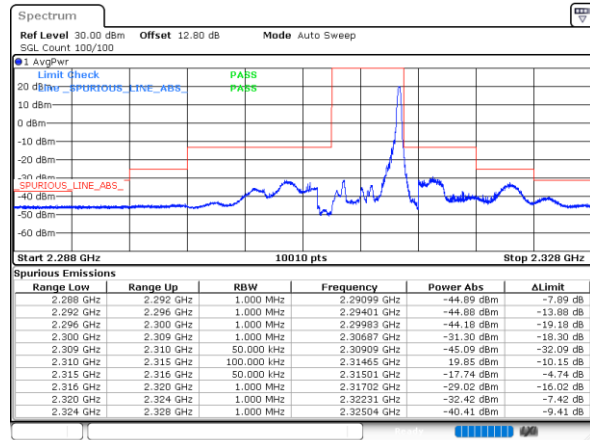
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



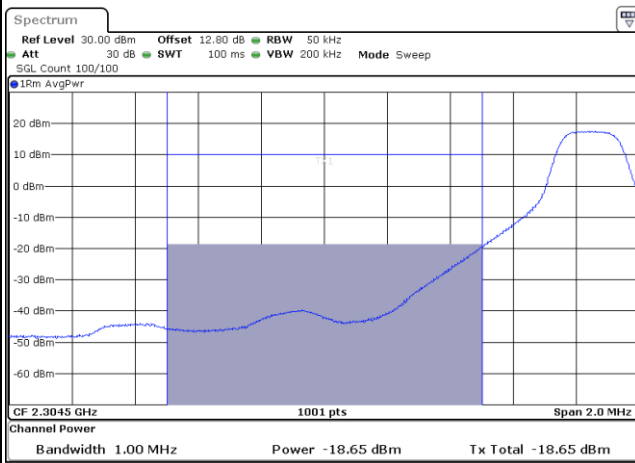
Date: 11.APR.2025 10:08:20

Highest Band Edge / 1 RB



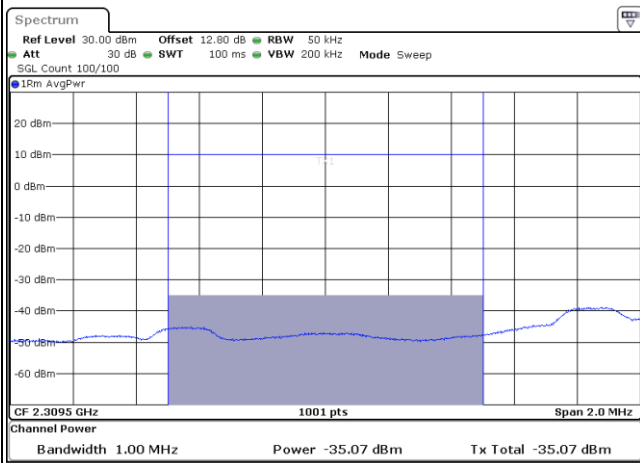
Date: 11.APR.2025 10:13:43

Lowest Band Edge / 1 RB / Lower zoom in



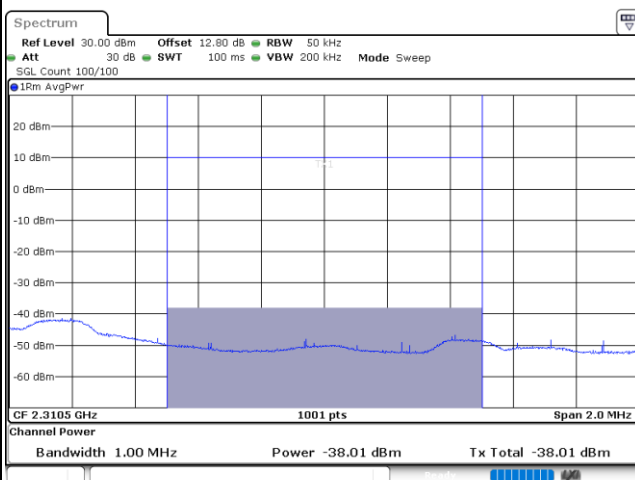
Date: 11.APR.2025 10:59:11

Highest Band Edge / 1 RB / Lower zoom in



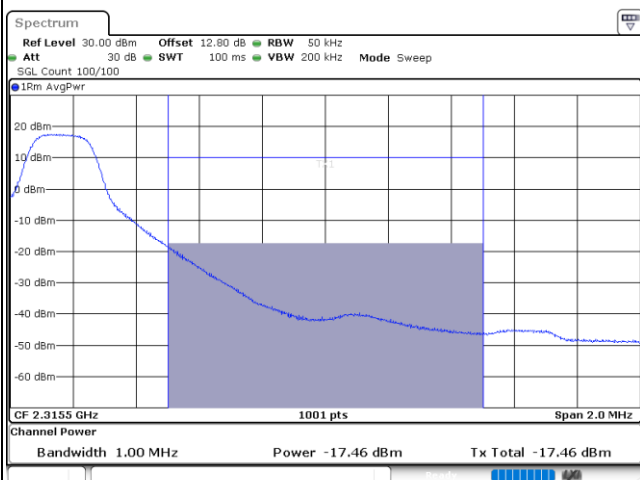
Date: 11.APR.2025 10:53:23

Lowest Band Edge / 1 RB / Upper zoom in

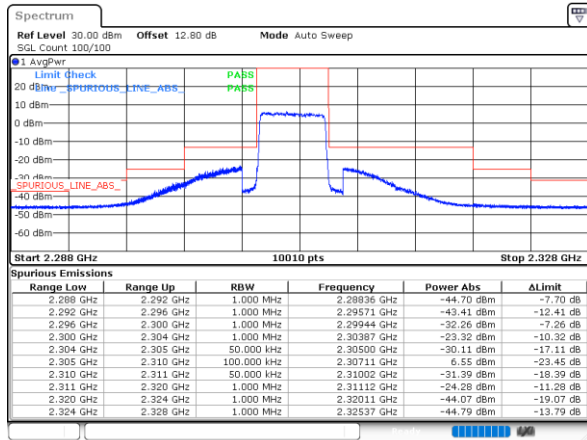
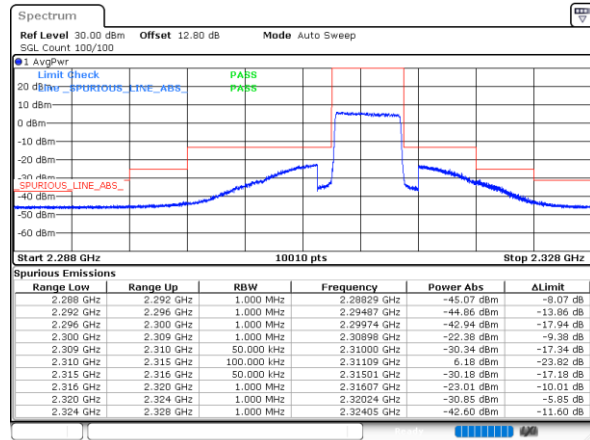
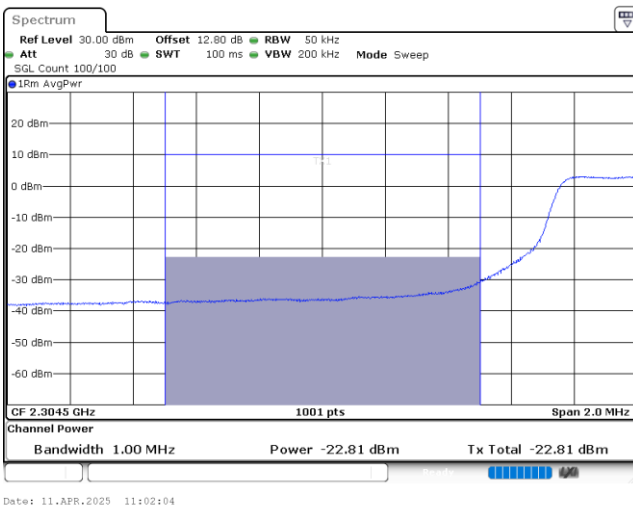
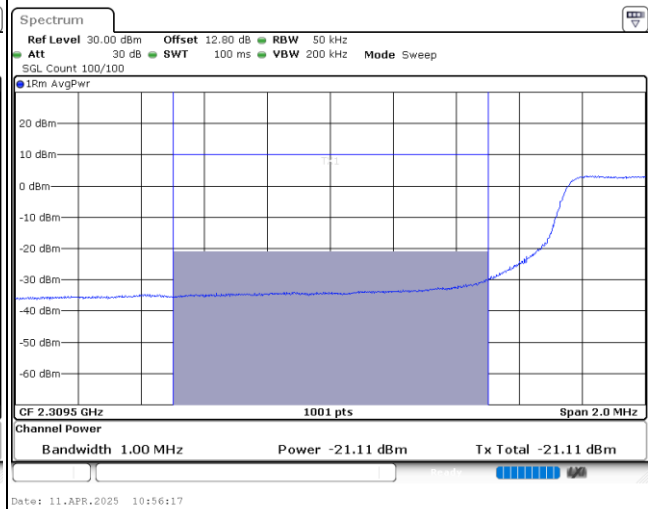
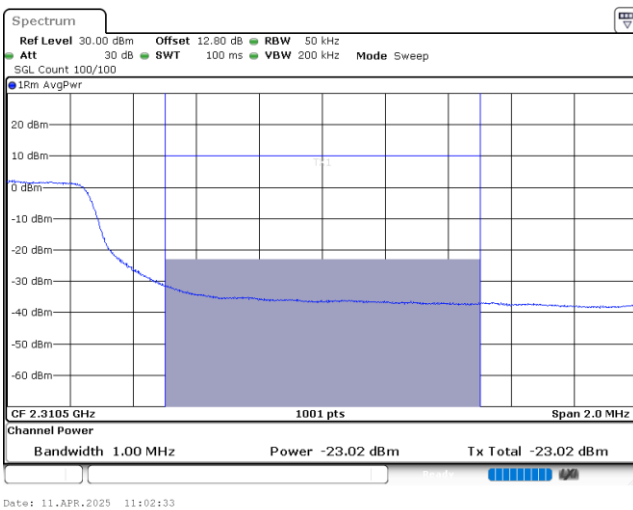
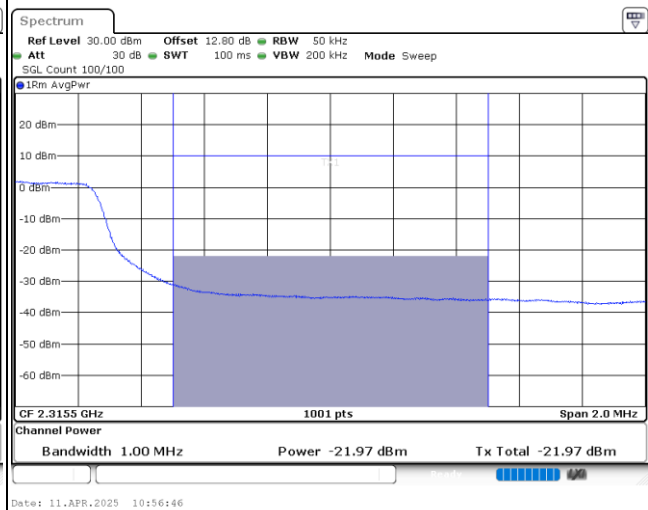


Date: 11.APR.2025 10:59:39

Highest Band Edge / 1 RB / Upper zoom in



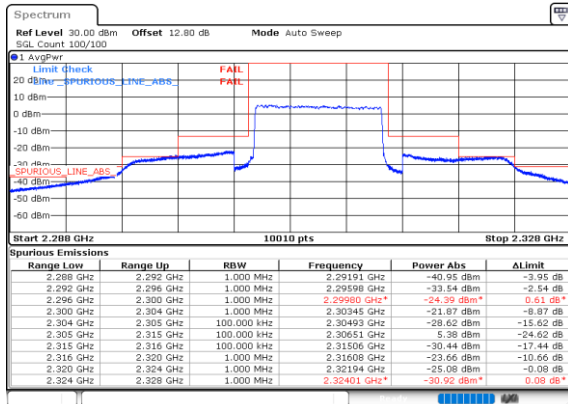
Date: 11.APR.2025 10:53:52

**LTE Band 30 / 5MHz / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****Lowest Band Edge / Full RB / Lower zoom in****Highest Band Edge / Full RB / Lower zoom in****Lowest Band Edge / Full RB / Upper zoom in****Highest Band Edge / Full RB / Upper zoom in**

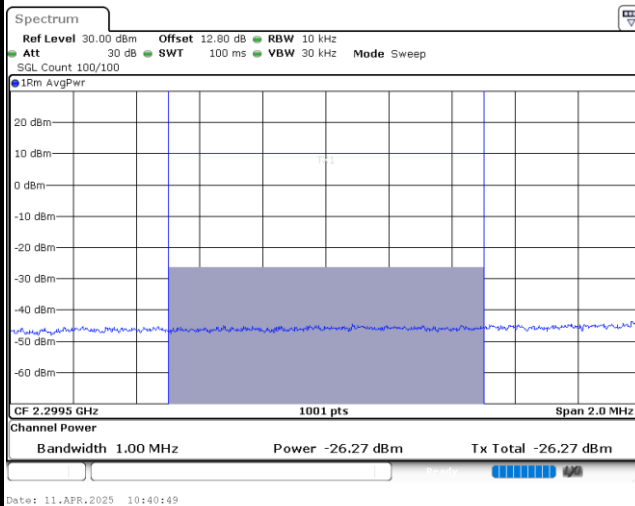


LTE Band 30 / 10MHz / QPSK

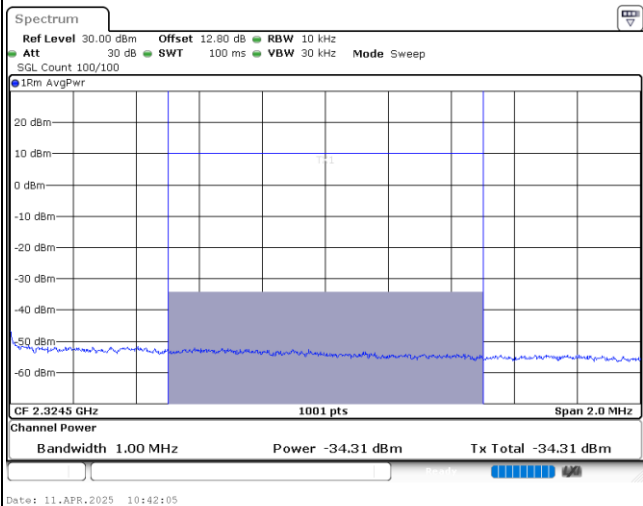
Middle Band Edge / Full RB



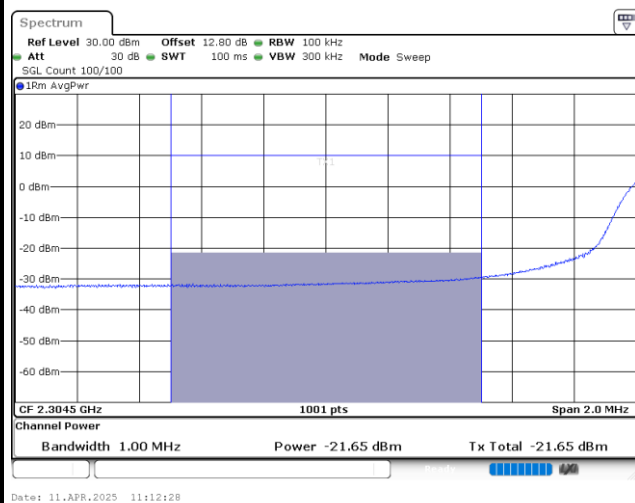
Channel power -25dBm > -26.27dBm Pass



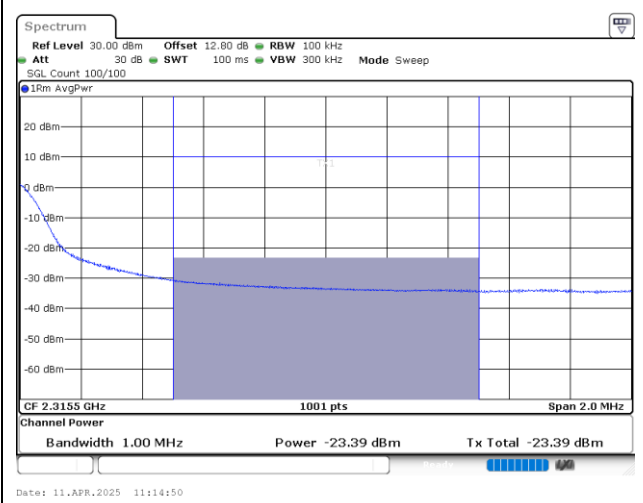
Channel power -25dBm > -34.31dBm Pass



Middle Band Edge / Full RB / Lower zoom in



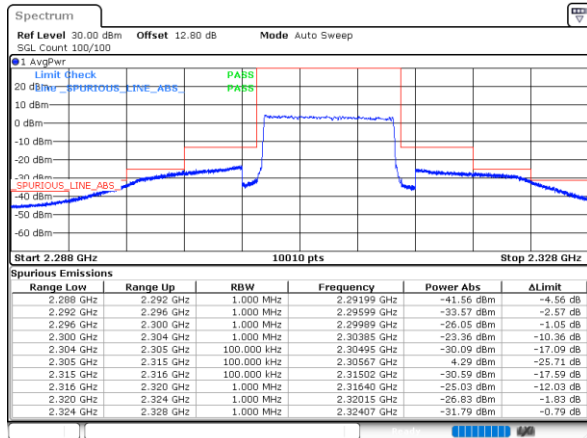
Middle Band Edge / Full RB / Upper zoom in



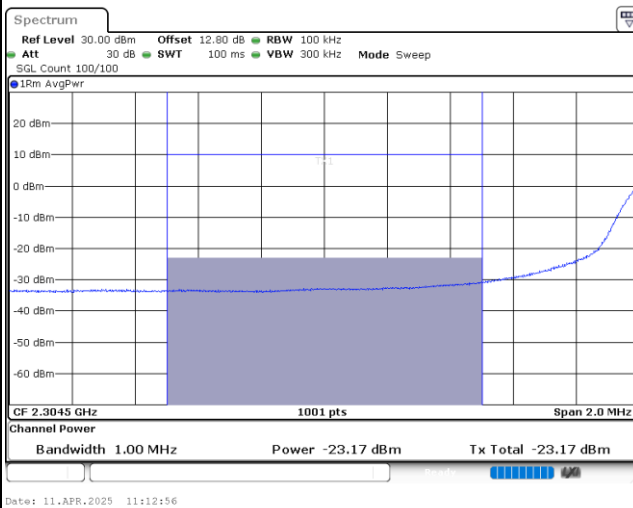


LTE Band 30 / 10MHz / 16QAM

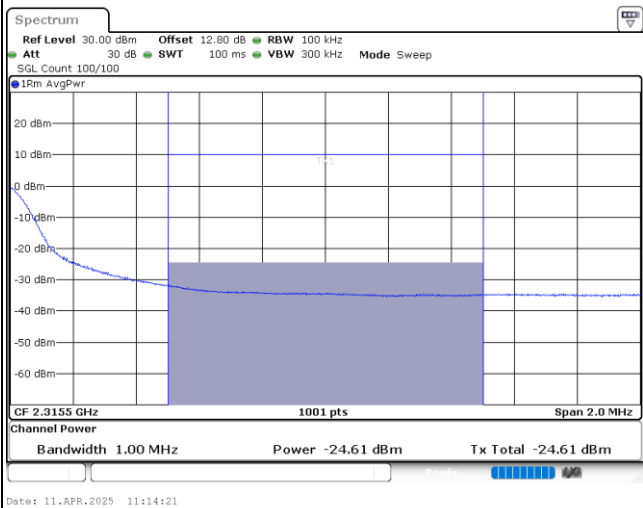
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



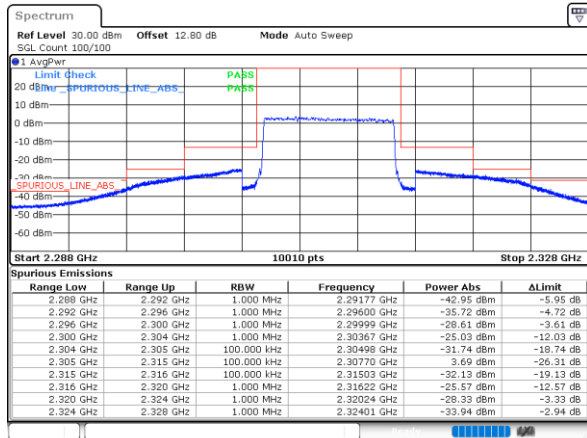
Middle Band Edge / Full RB / Upper zoom in



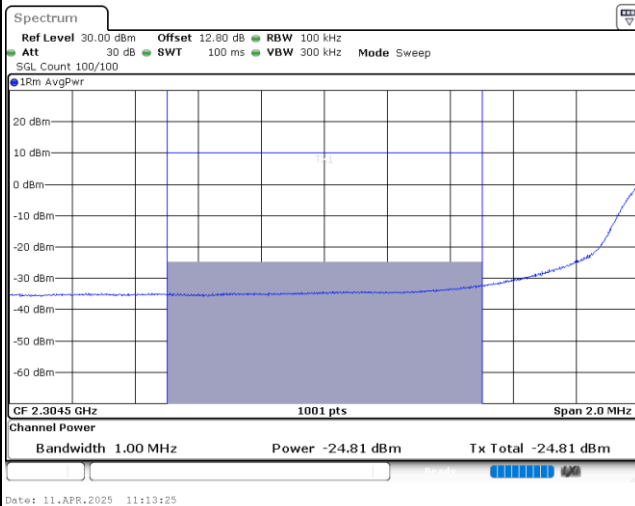


LTE Band 30 / 10MHz / 64QAM

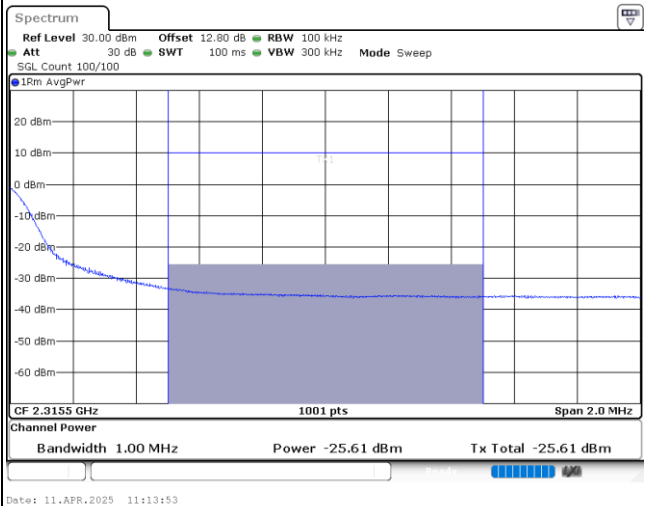
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

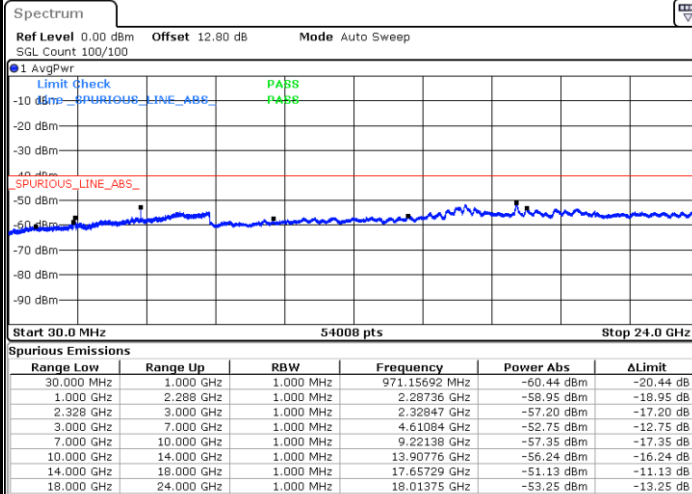




Conducted Spurious Emission

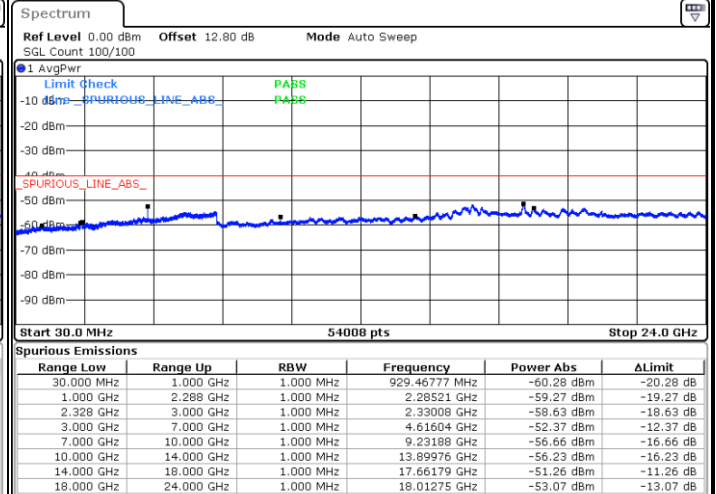
LTE Band 30 / 5MHz

Lowest Channel / QPSK



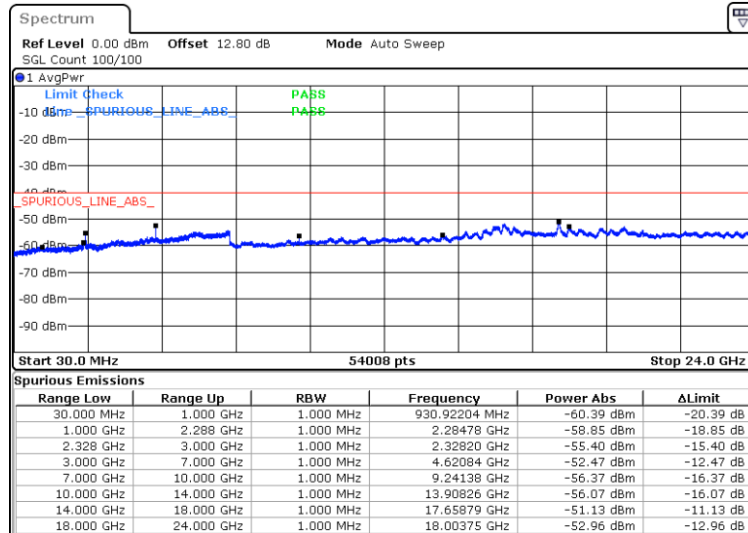
Date: 11.APR.2025 10:31:11

Middle Channel / QPSK



Date: 11.APR.2025 10:33:35

Highest Channel / QPSK

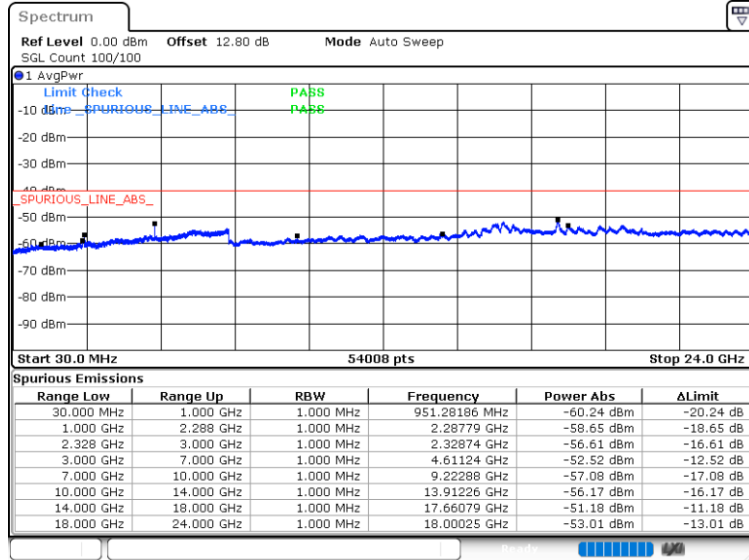


Date: 11.APR.2025 10:32:23



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 11.APR.2025 10:34:48

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0009	

Note:

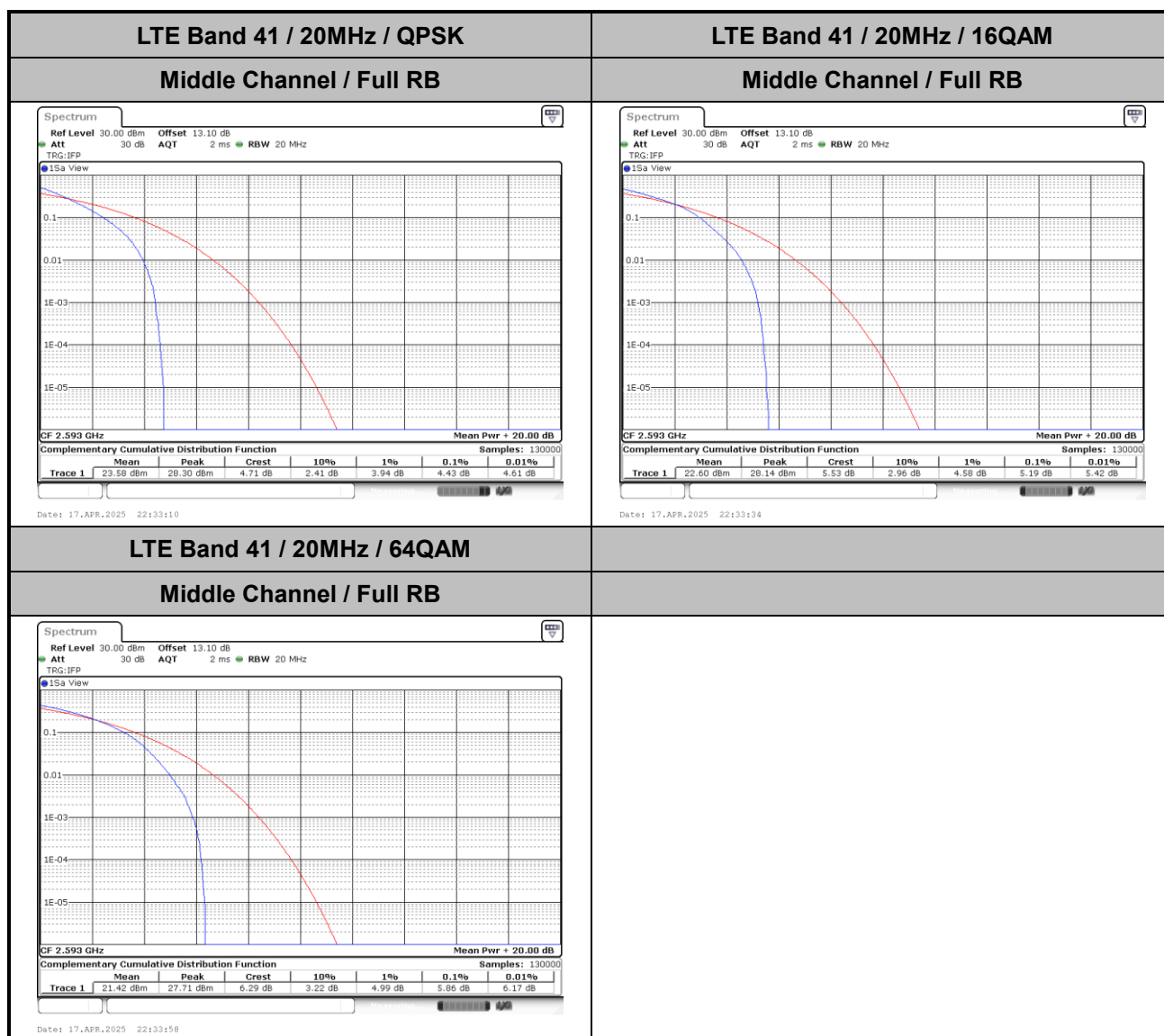
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.43	5.19	5.86	-	PASS



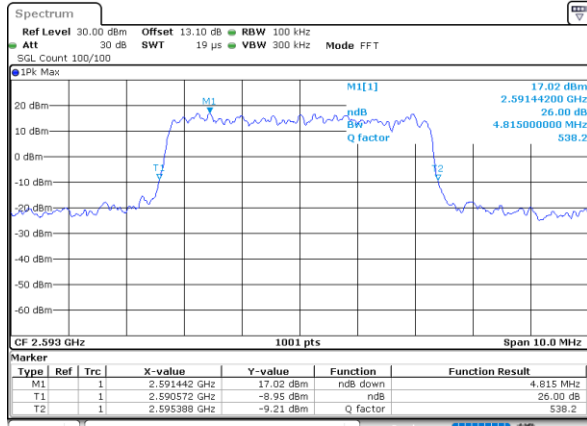
**26dB Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.82	4.82	9.71	9.81	14.18	14.15	19.02	19.02
Mode	LTE Band 41 : 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	-	-	-	-	4.83	-	9.67	-	14.27	-	18.78	-



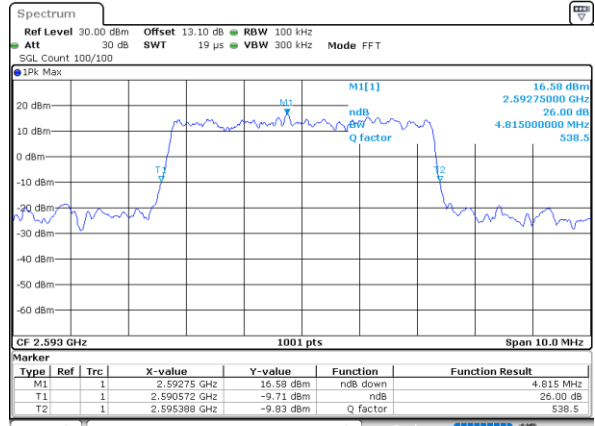
LTE Band 41

Middle Channel / 5MHz / QPSK



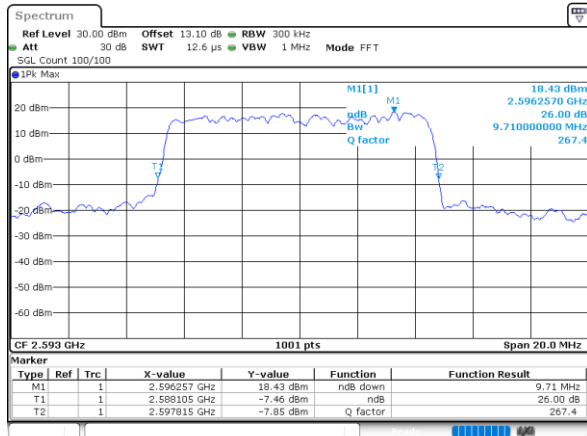
Date: 17.APR.2025 22:28:33

Middle Channel / 5MHz / 16QAM



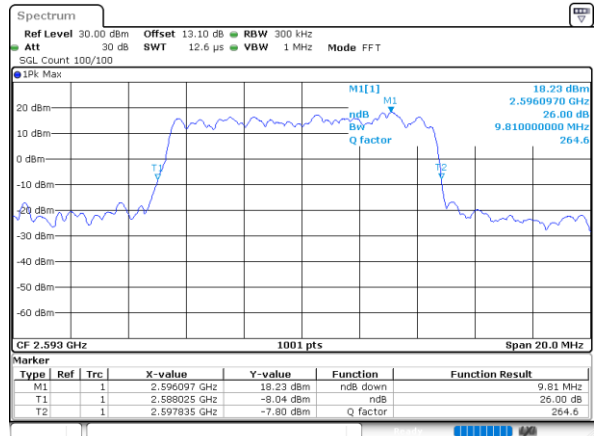
Date: 17.APR.2025 22:28:56

Middle Channel / 10MHz / QPSK



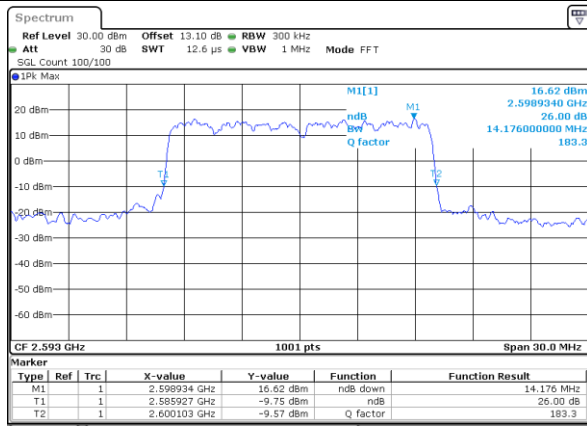
Date: 17.APR.2025 22:29:43

Middle Channel / 10MHz / 16QAM



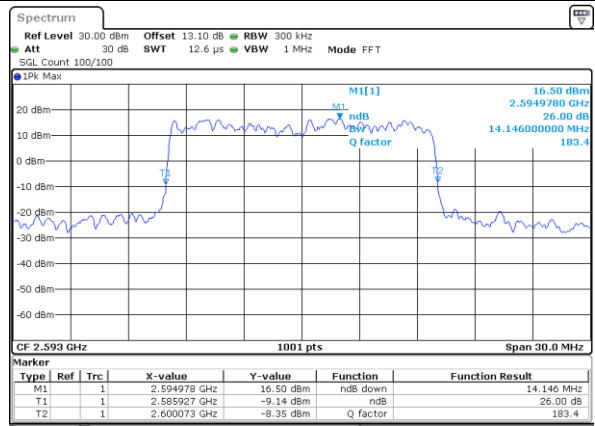
Date: 17.APR.2025 22:30:05

Middle Channel / 15MHz / QPSK



Date: 17.APR.2025 22:30:52

Middle Channel / 15MHz / 16QAM

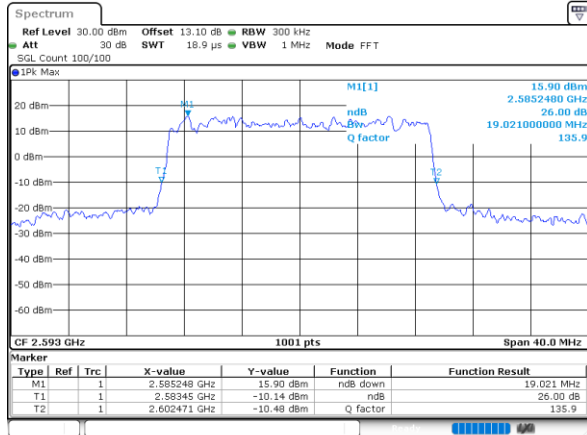


Date: 17.APR.2025 22:31:15



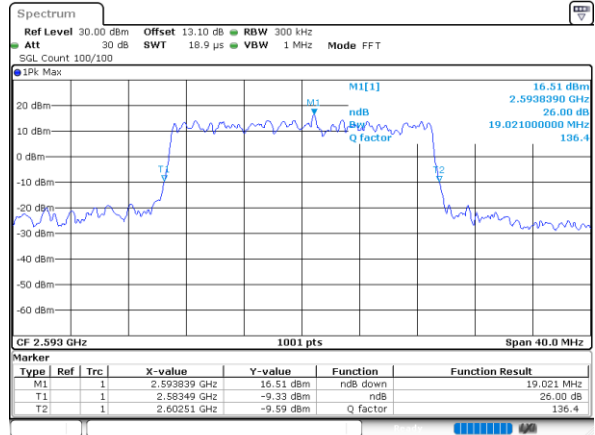
LTE Band 41

Middle Channel / 20MHz / QPSK



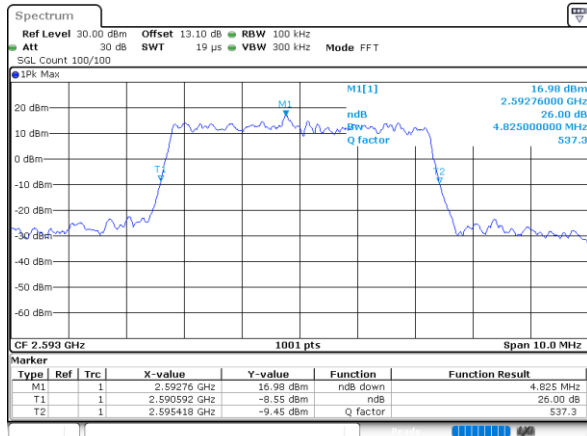
Date: 17.APR.2025 22:32:01

Middle Channel / 20MHz / 16QAM



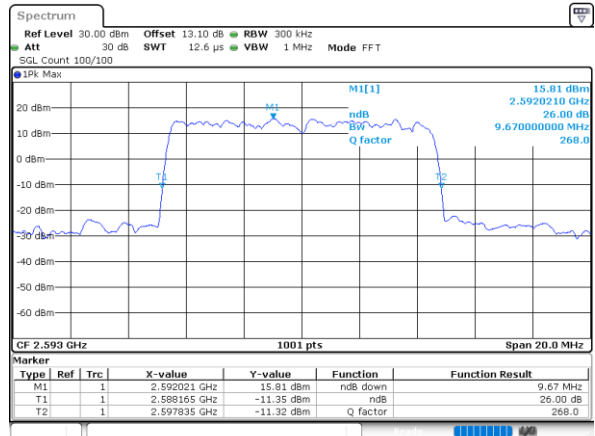
Date: 17.APR.2025 22:32:24

Middle Channel / 5MHz / 64QAM



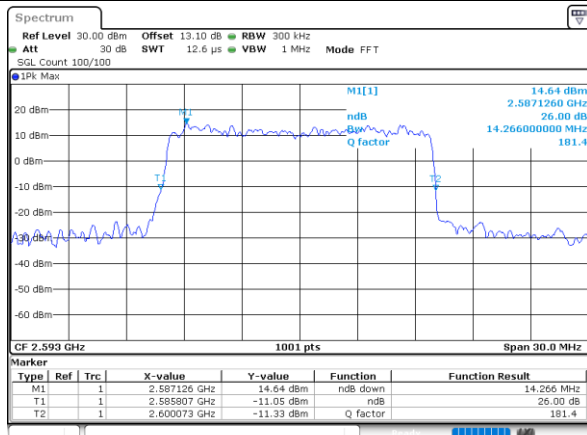
Date: 17.APR.2025 22:29:18

Middle Channel / 10MHz / 64QAM



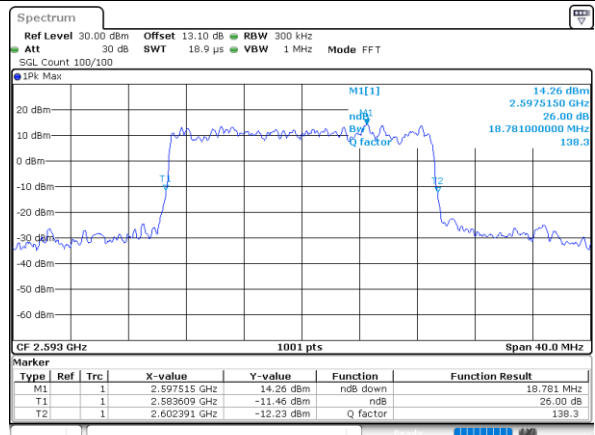
Date: 17.APR.2025 22:30:28

Middle Channel / 15MHz / 64QAM



Date: 17.APR.2025 22:31:37

Middle Channel / 20MHz / 64QAM



Date: 17.APR.2025 22:32:46

**Occupied Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.47	4.48	9.02	9.02	13.44	13.44	17.91	17.76
Mode	LTE Band 41 : 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	-	-	-	-	4.47	-	9.09	-	13.40	-	17.95	-