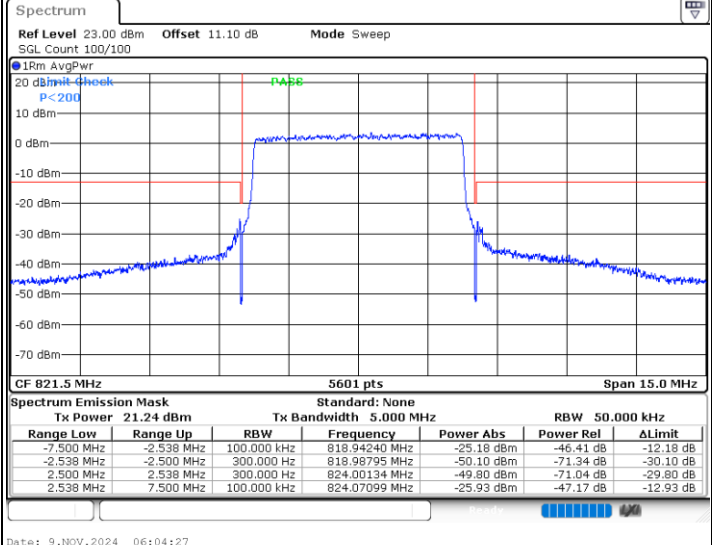
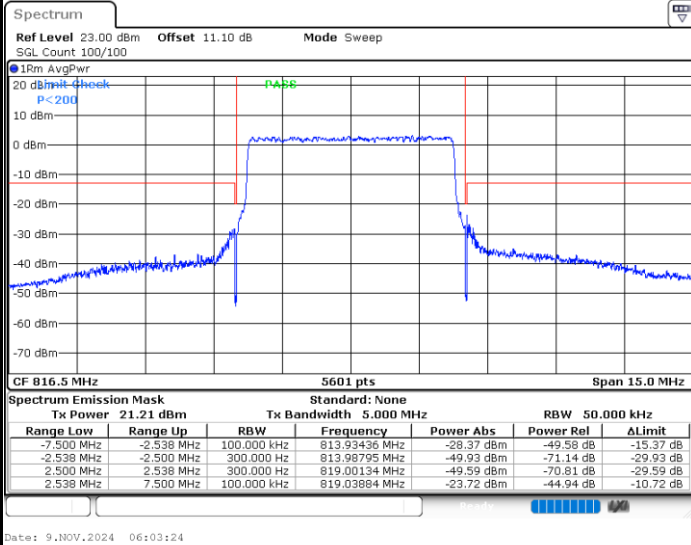




LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

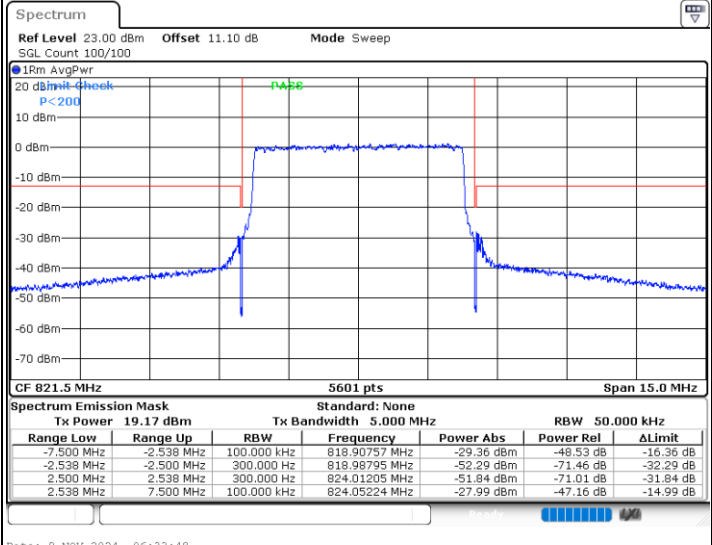
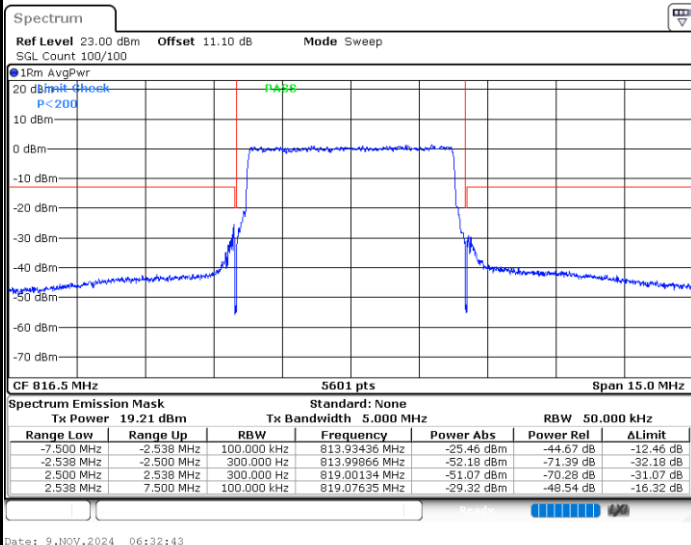
Highest Channel / Full RB

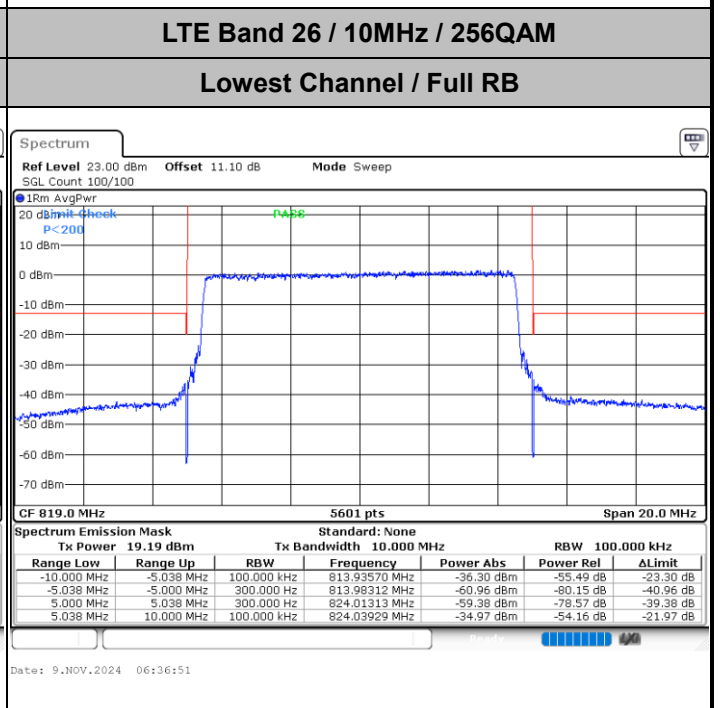
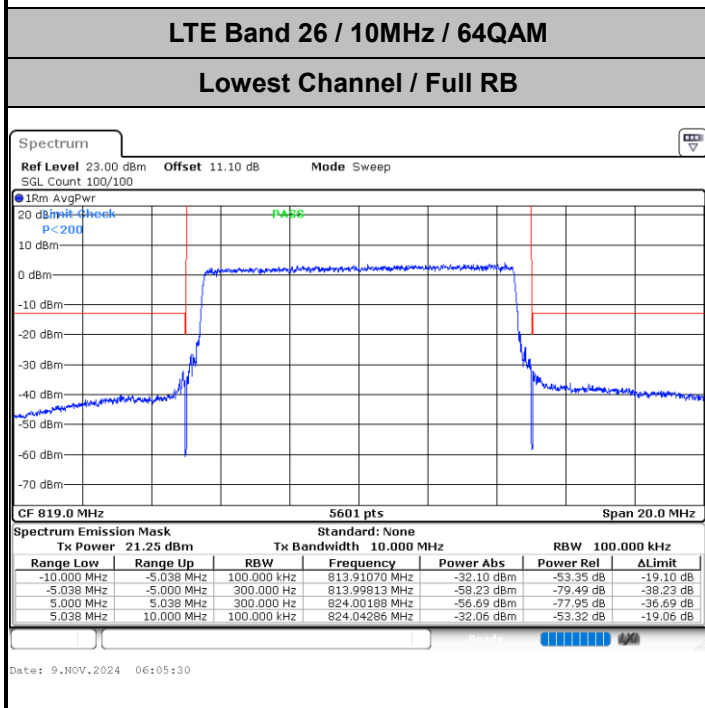
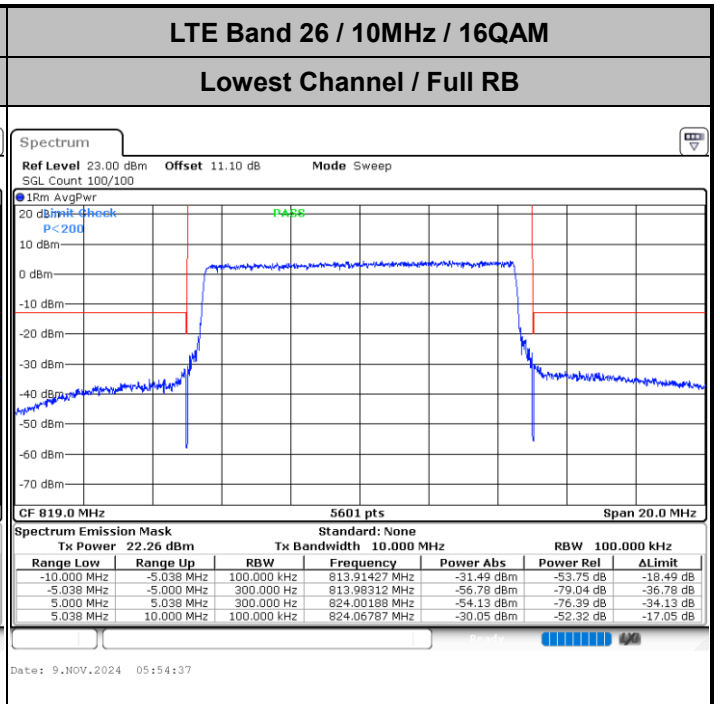
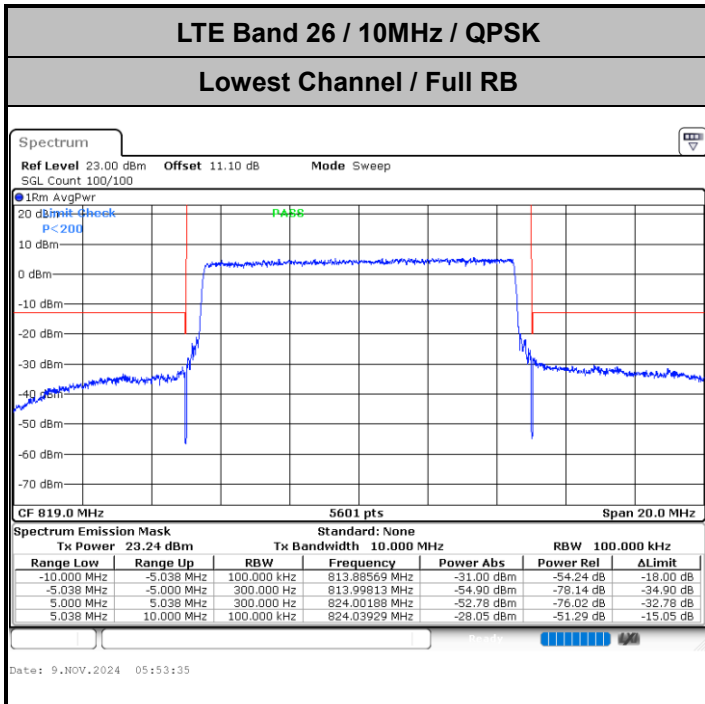


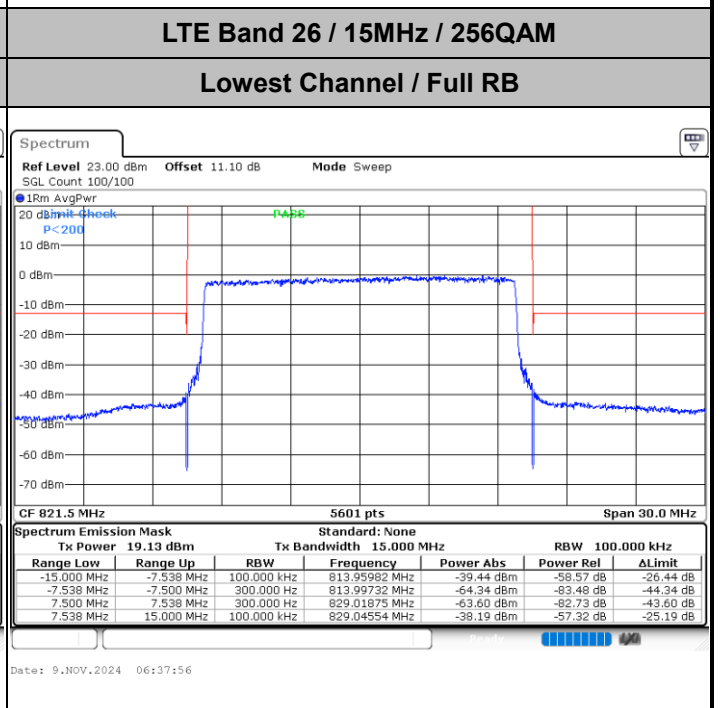
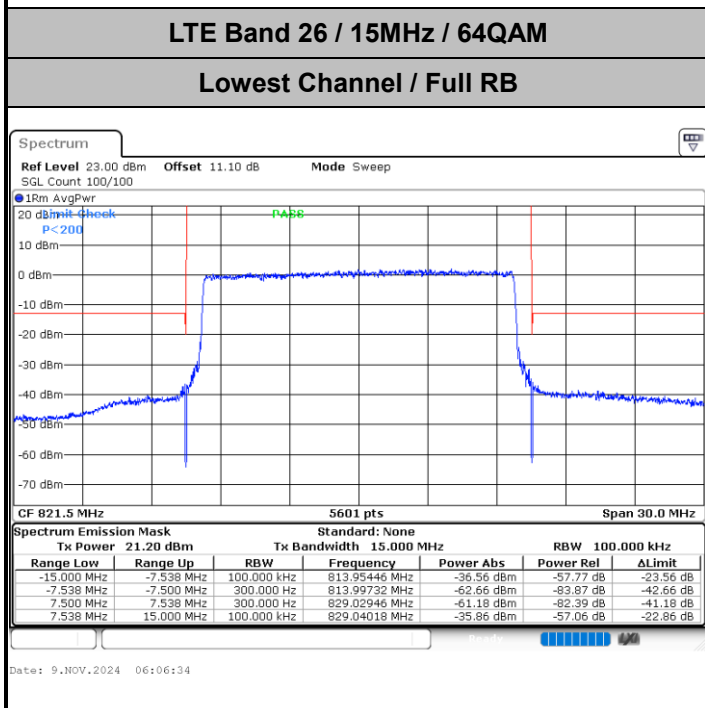
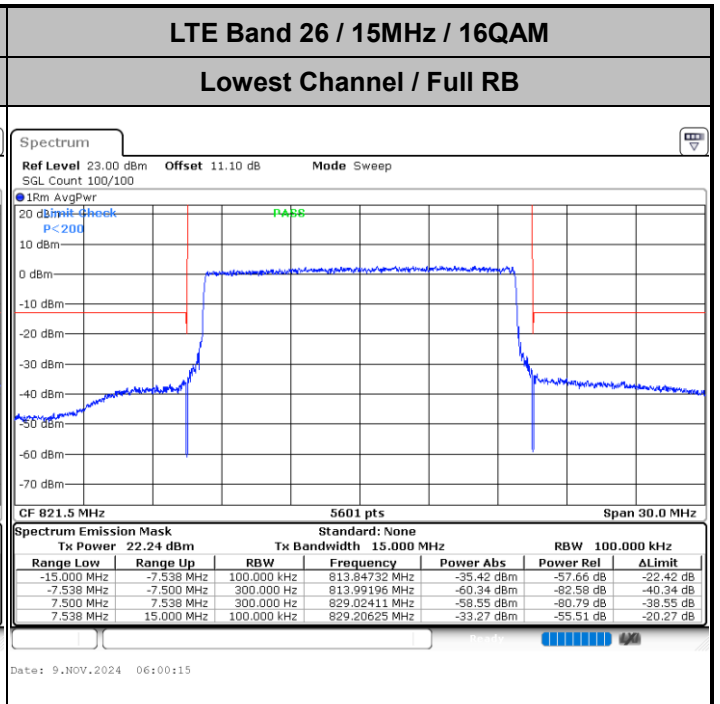
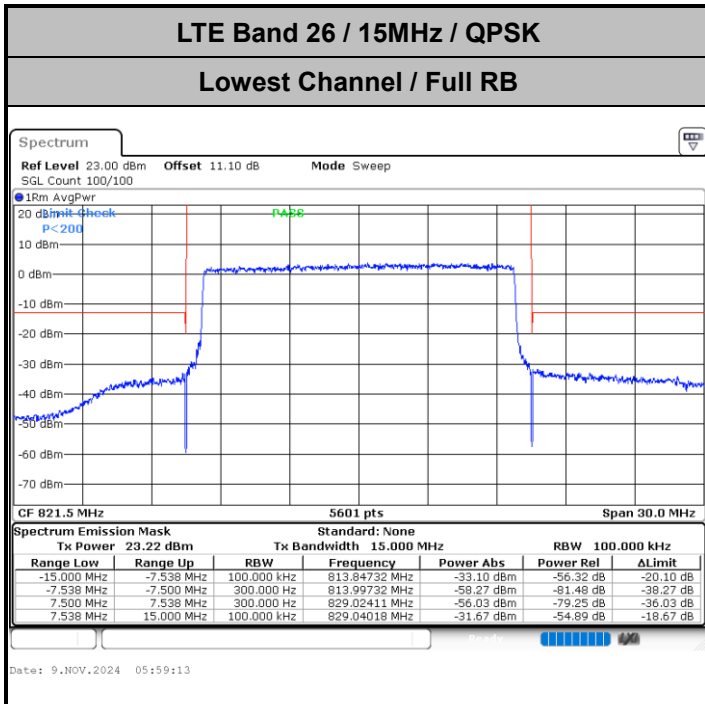
LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB

Highest Channel / Full RB

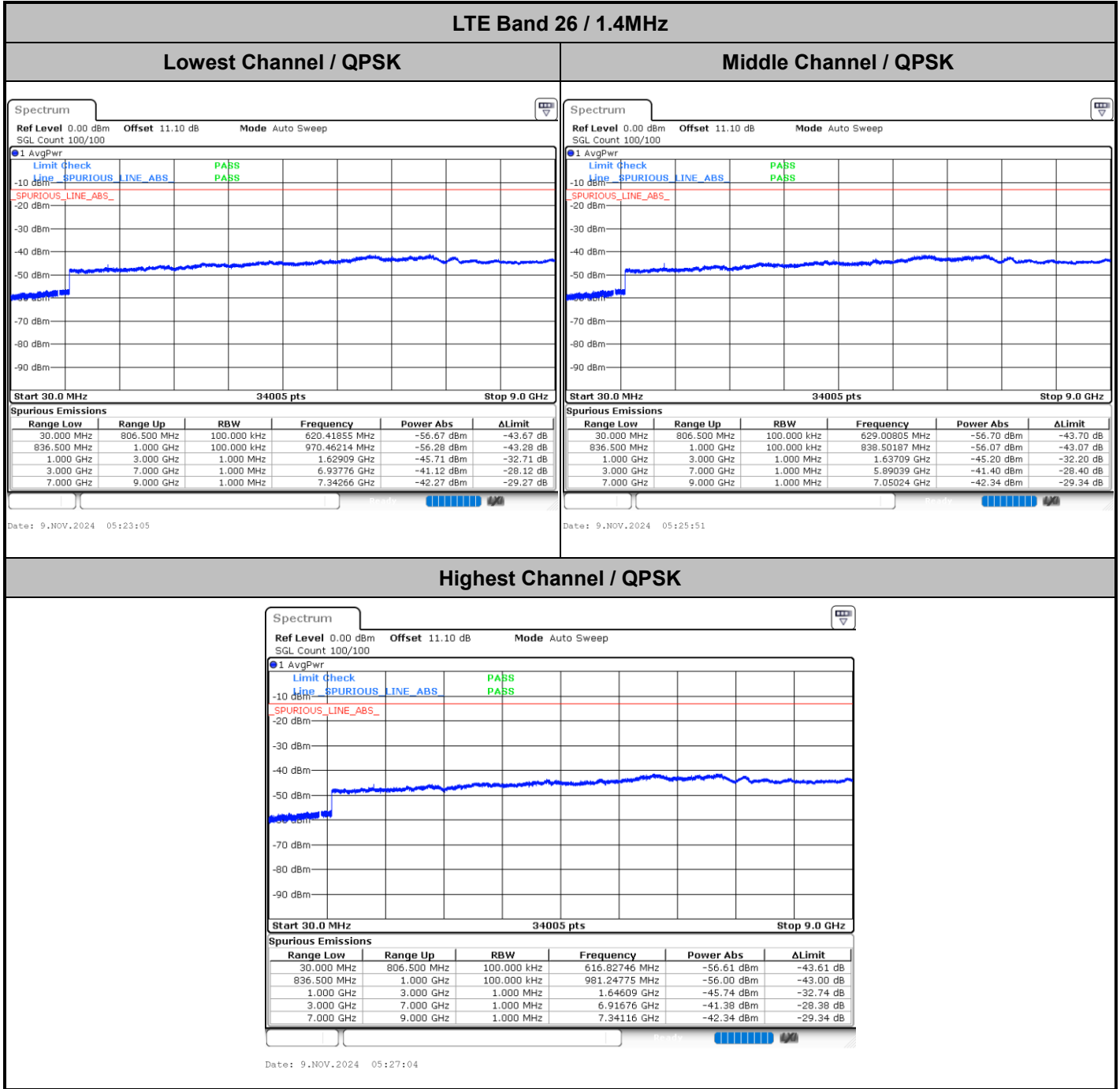








Emission masks – Out of band emissions

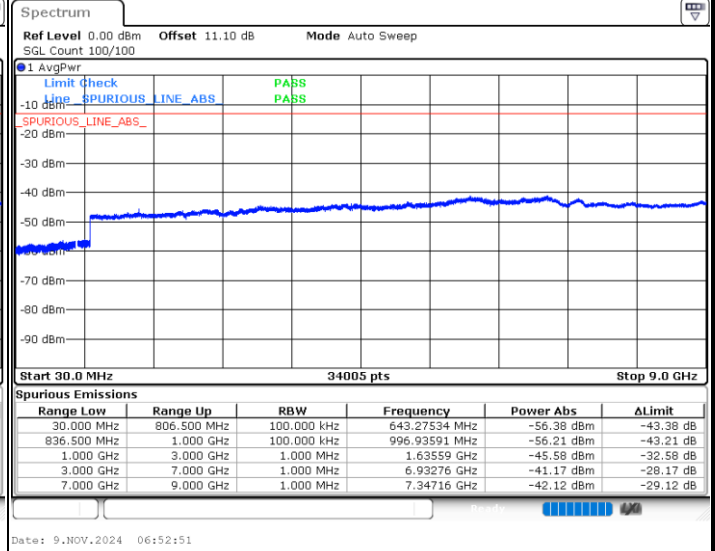
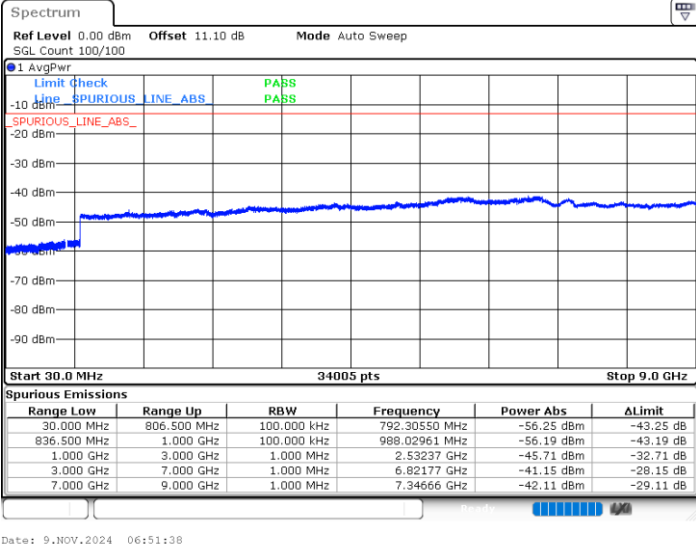




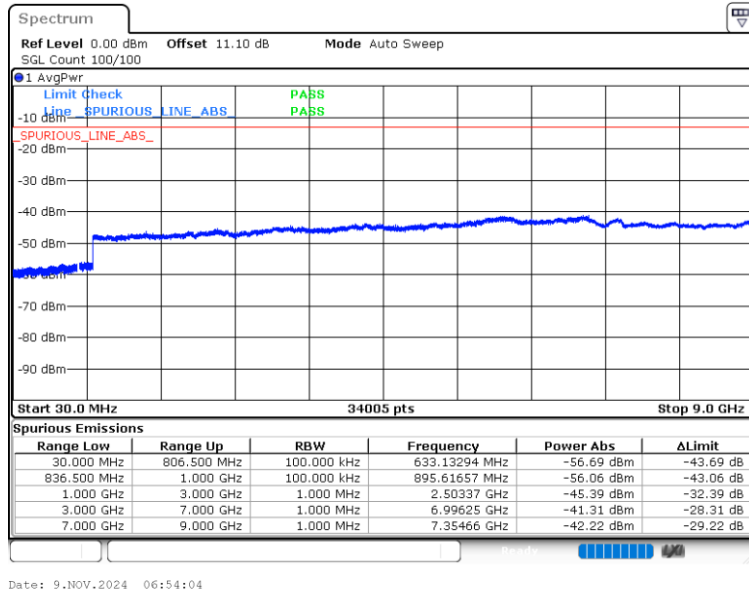
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

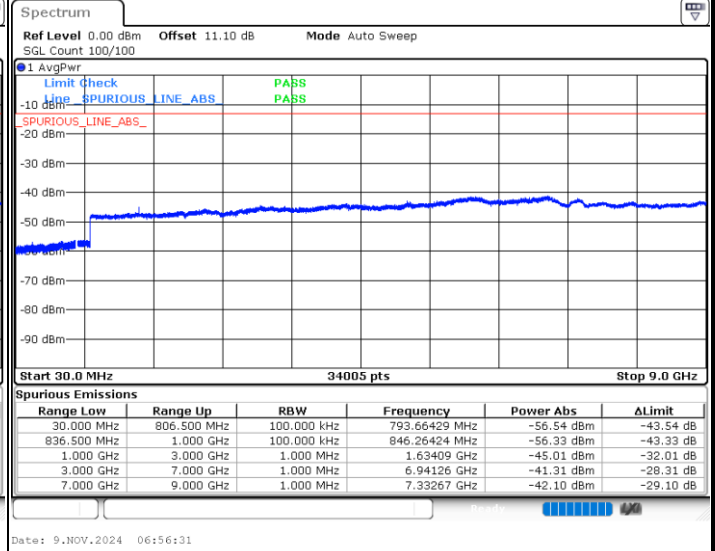
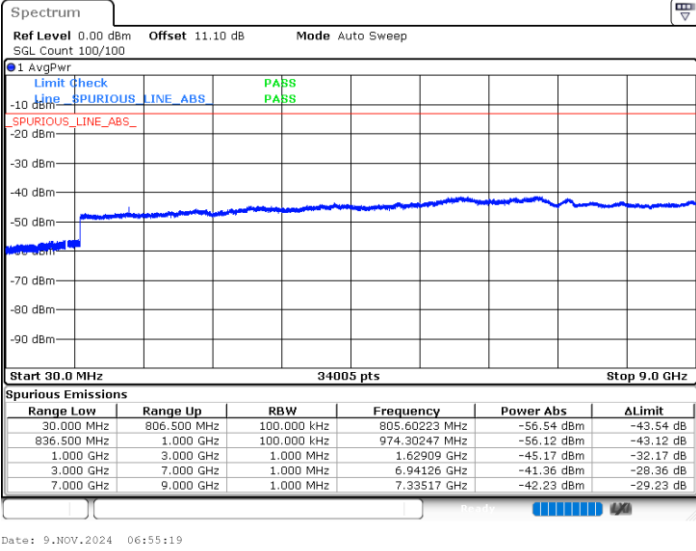




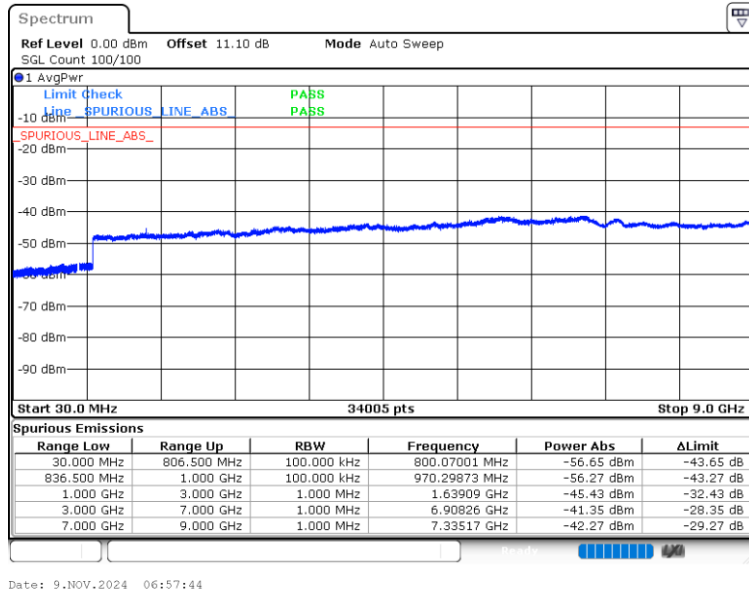
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



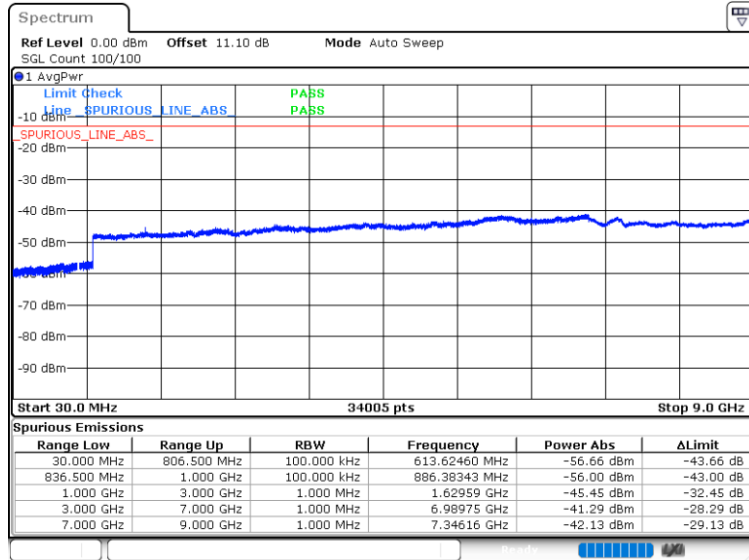
Highest Channel / QPSK





LTE Band 26 / 10MHz

Middle Channel / QPSK

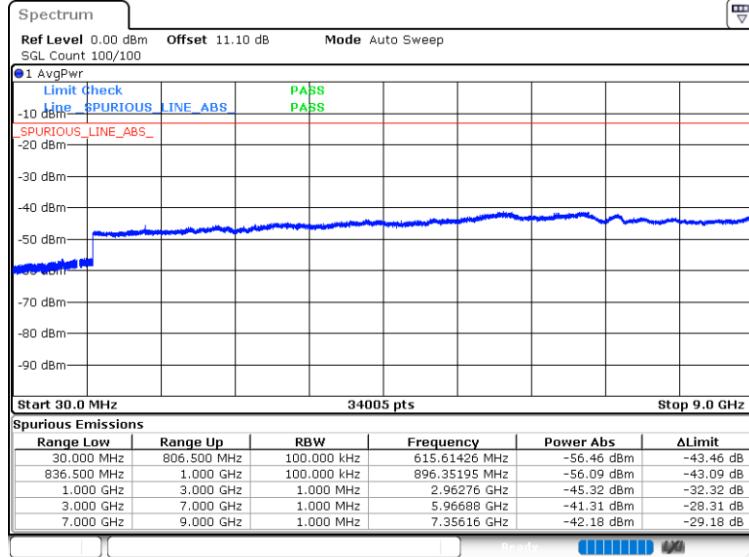


Date: 9.NOV.2024 06:58:59



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 9.NOV.2024 07:00:13



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	0.0077	PASS
40	Normal Voltage	0.0165	
30	Normal Voltage	0.0182	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0179	
-10	Normal Voltage	0.0151	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0159	

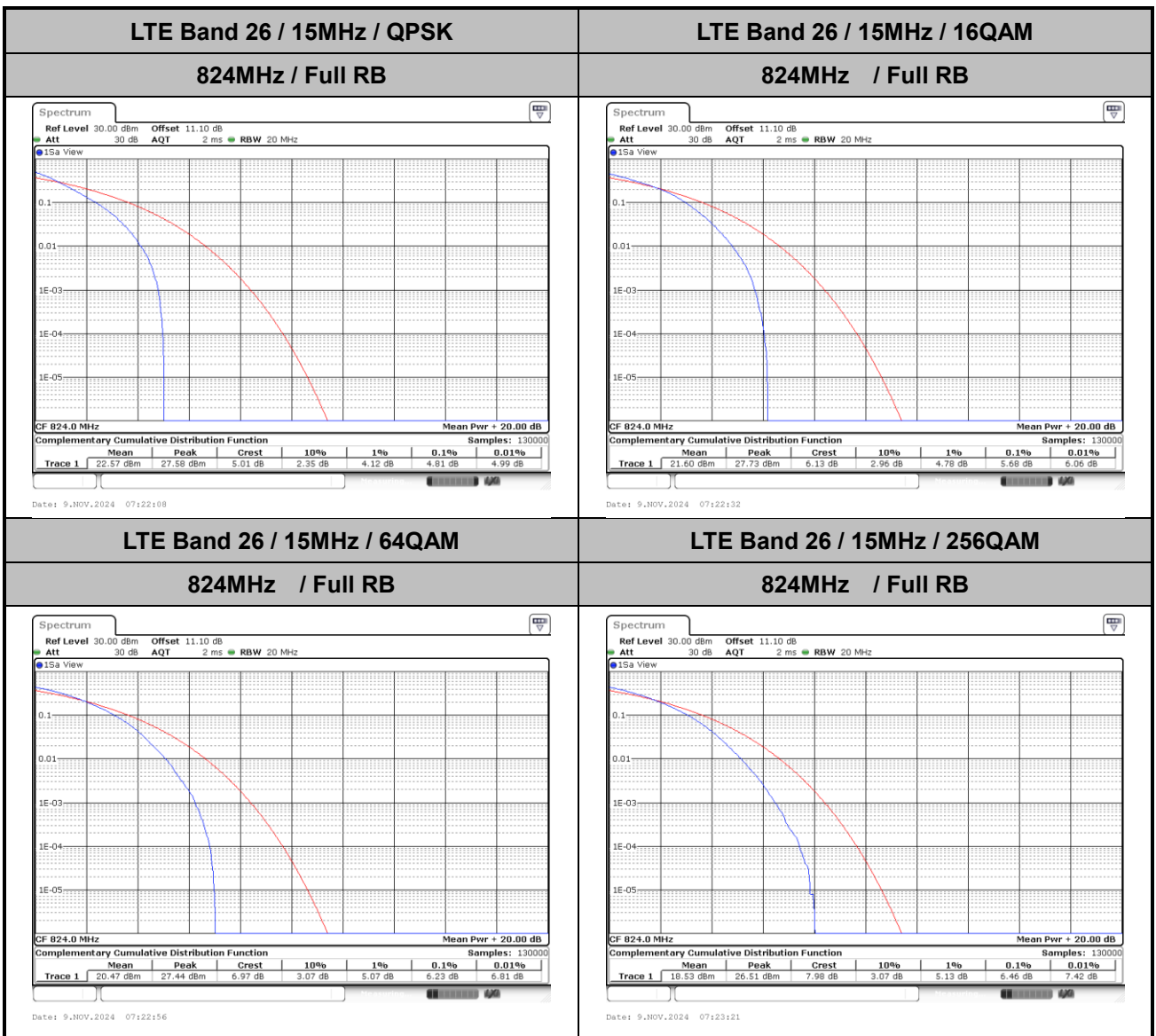
Note: Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.465 V.



LTE Band 26_Part 90S_824 MHz

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
824MHz	4.81	5.68	6.23	6.46	PASS





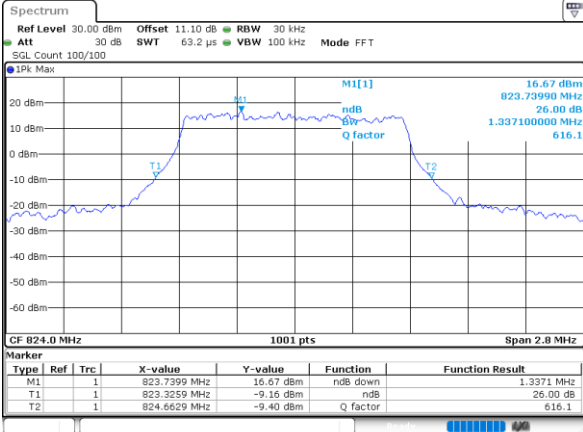
26dB Bandwidth

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
824MHzCH	1.33	1.34	3.10	3.09	4.88	5.01	9.75	9.73	14.59	14.56	-	-
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
824MHzCH	1.31	1.34	3.05	3.13	5.02	5.03	9.86	9.86	14.23	14.59	-	-



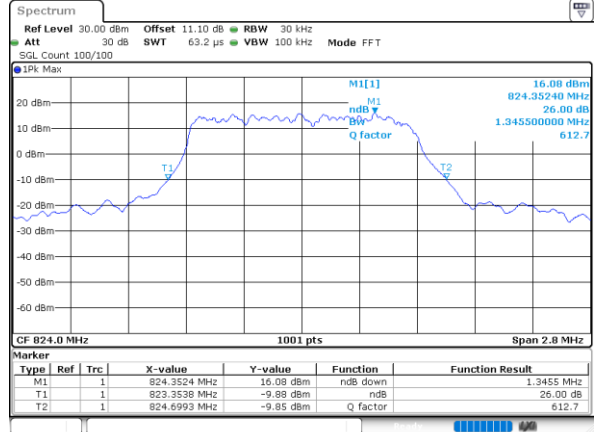
LTE Band 26

824MHz / 1.4MHz / QPSK



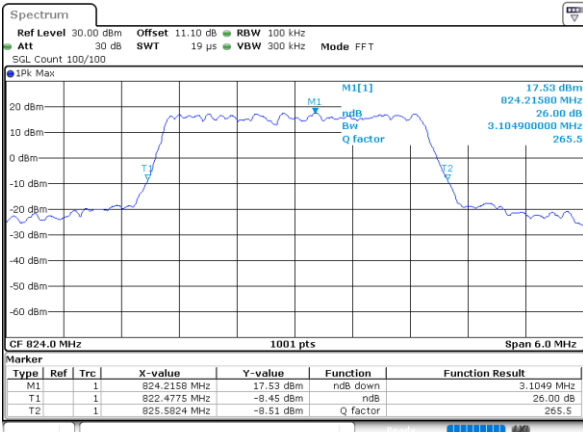
Date: 9.NOV.2024 07:02:07

824MHz / 1.4MHz / 16QAM



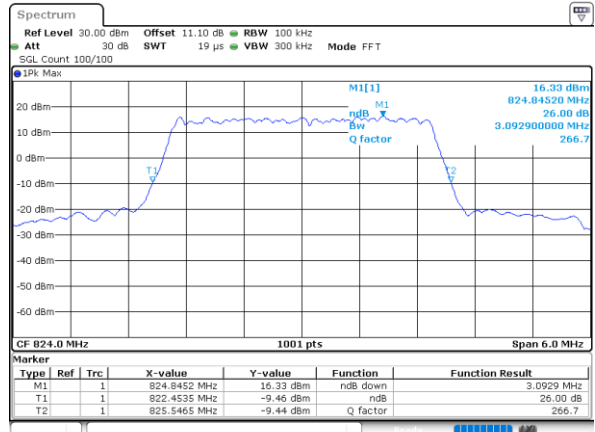
Date: 9.NOV.2024 07:02:10

824MHz / 3MHz / QPSK



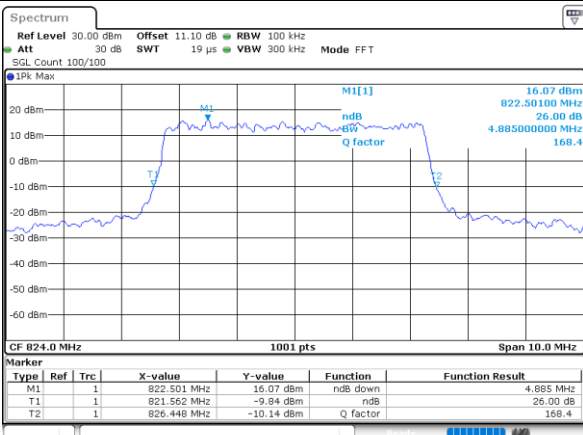
Date: 9.NOV.2024 07:09:45

824MHz / 3MHz / 16QAM



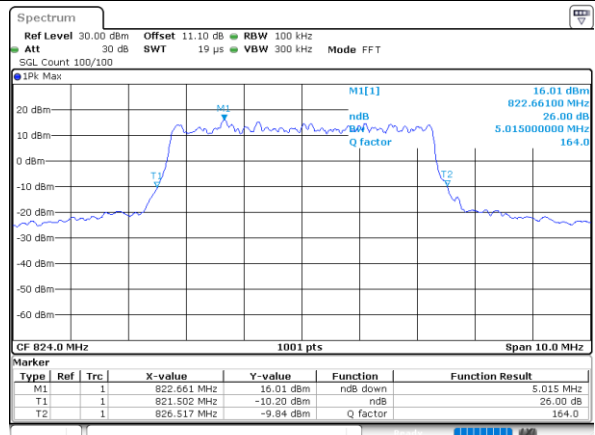
Date: 9.NOV.2024 07:10:08

824MHz / 5MHz / QPSK



Date: 9.NOV.2024 07:12:56

824MHz / 5MHz / 16QAM

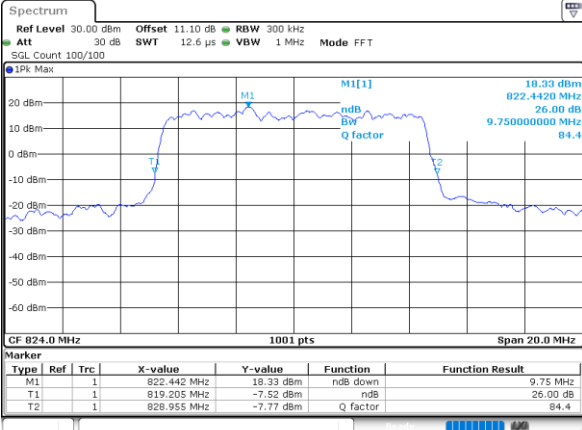


Date: 9.NOV.2024 07:13:19



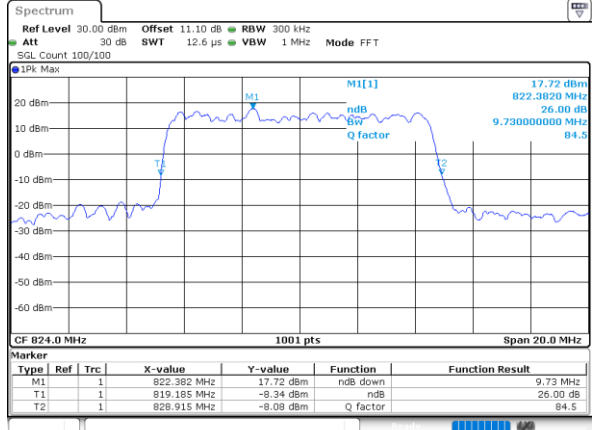
LTE Band 26

824MHz / 10MHz / QPSK



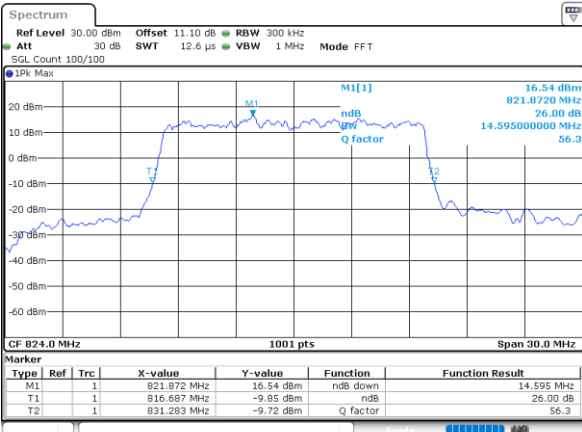
Date: 9.NOV.2024 07:16:07

824MHz / 10MHz / 16QAM



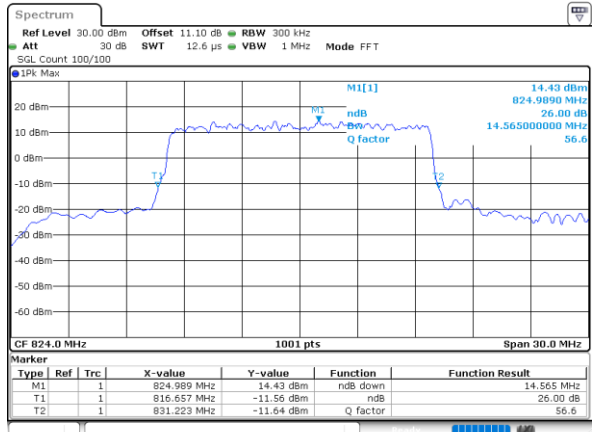
Date: 9.NOV.2024 07:16:30

824MHz / 15MHz / QPSK



Date: 9.NOV.2024 07:19:19

824MHz / 15MHz / 16QAM

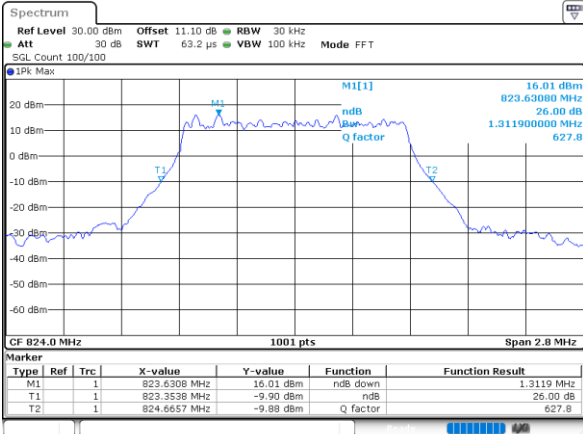


Date: 9.NOV.2024 07:19:42



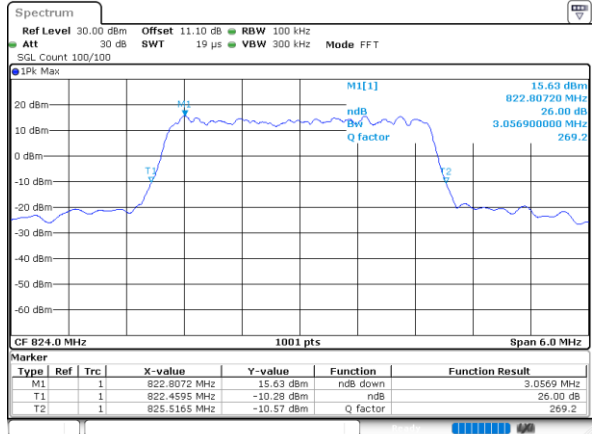
LTE Band 26

824MHz / 1.4MHz / 64QAM



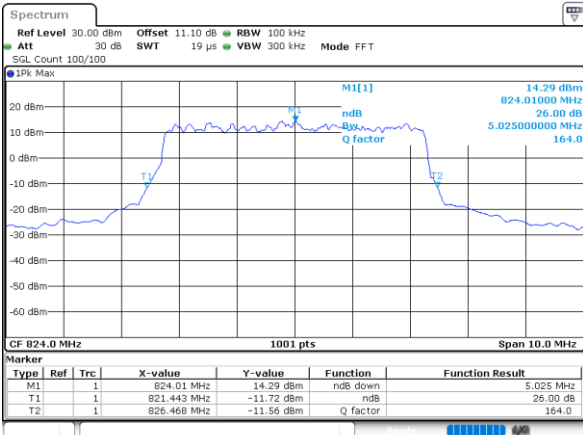
Date: 9.NOV.2024 07:03:40

824MHz / 3MHz / 64QAM



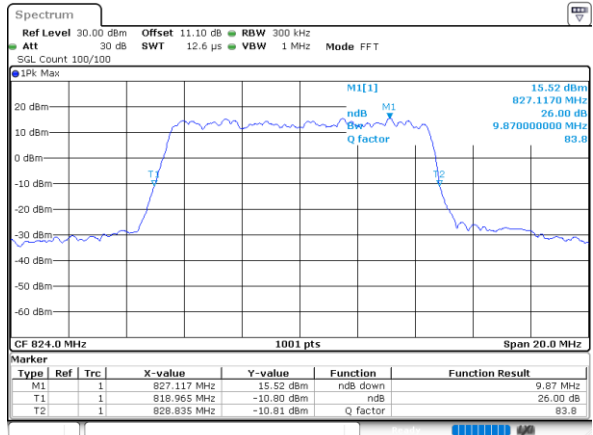
Date: 9.NOV.2024 07:11:18

824MHz / 5MHz / 64QAM



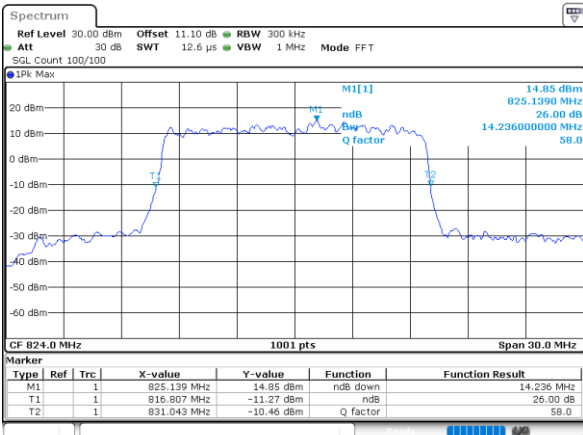
Date: 9.NOV.2024 07:14:29

824MHz / 10MHz / 64QAM



Date: 9.NOV.2024 07:17:40

824MHz / 15MHz / 64QAM



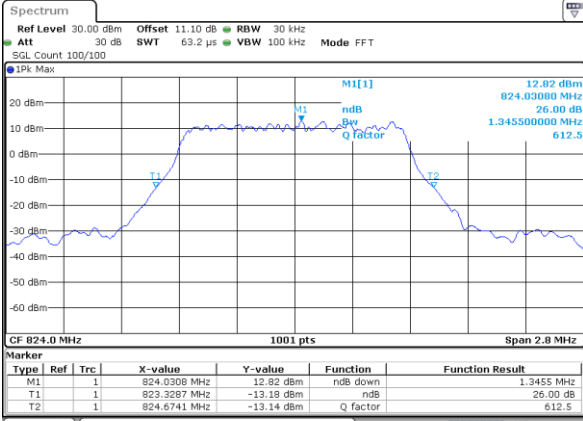
Date: 9.NOV.2024 07:20:52

N/A



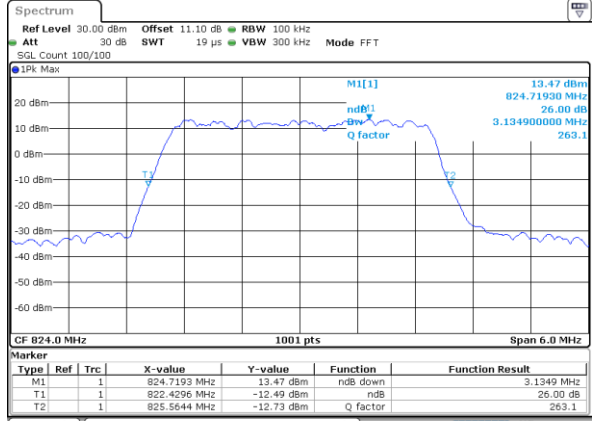
LTE Band 26

824MHz / 1.4MHz / 256QAM



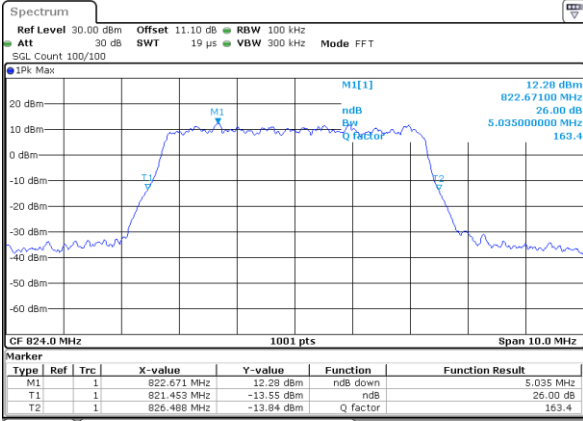
Date: 9.NOV.2024 07:04:30

824MHz / 3MHz / 256QAM



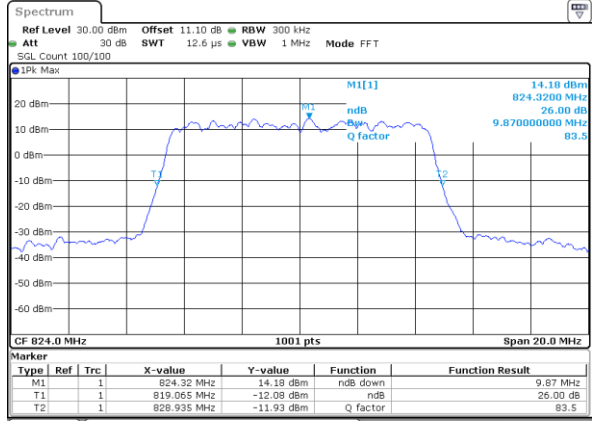
Date: 9.NOV.2024 07:12:07

824MHz / 5MHz / 256QAM



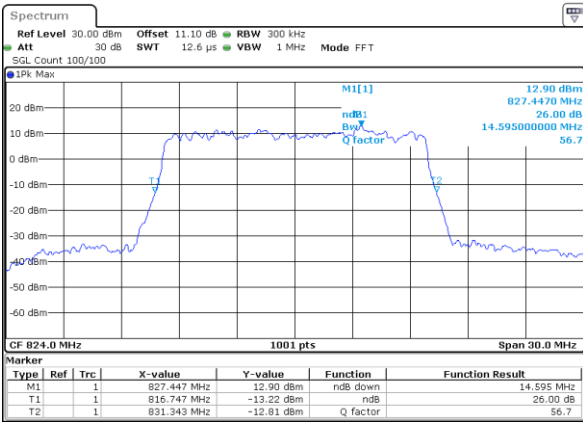
Date: 9.NOV.2024 07:15:10

824MHz / 10MHz / 256QAM



Date: 9.NOV.2024 07:18:29

824MHz / 15MHz / 256QAM



Date: 9.NOV.2024 07:21:41

N/A



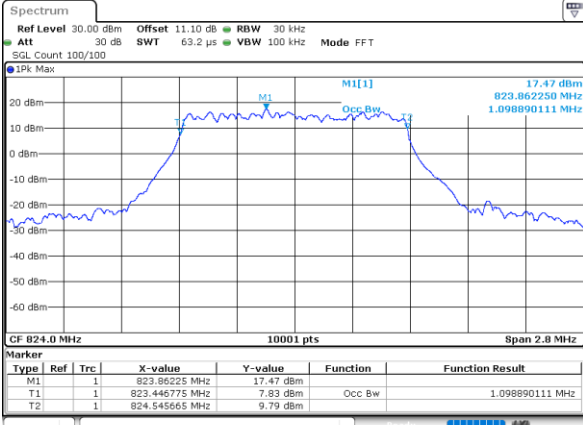
Occupied Bandwidth

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	1.09	1.09	2.74	2.72	4.48	4.49	9.01	9.05	13.49	13.47	-	-
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	1.07	1.08	2.72	2.72	4.48	4.47	9.03	9.00	13.45	13.49	-	-



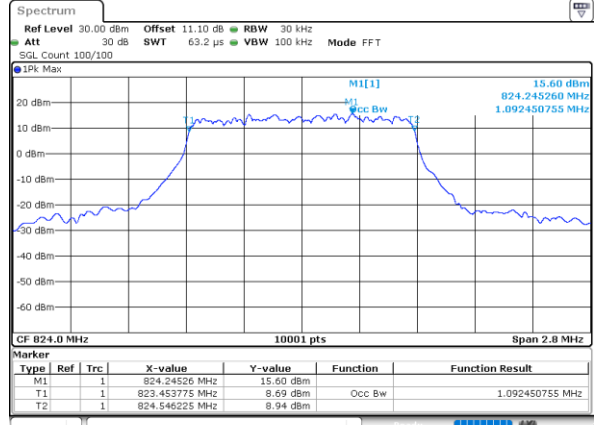
LTE Band 26

824MHz / 1.4MHz / QPSK



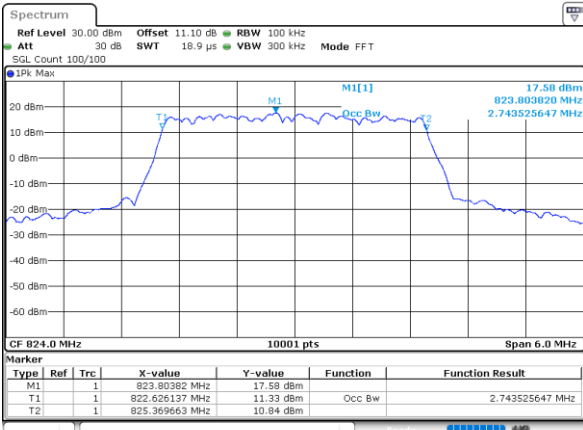
Date: 9.NOV.2024 07:01:44

824MHz / 1.4MHz / 16QAM



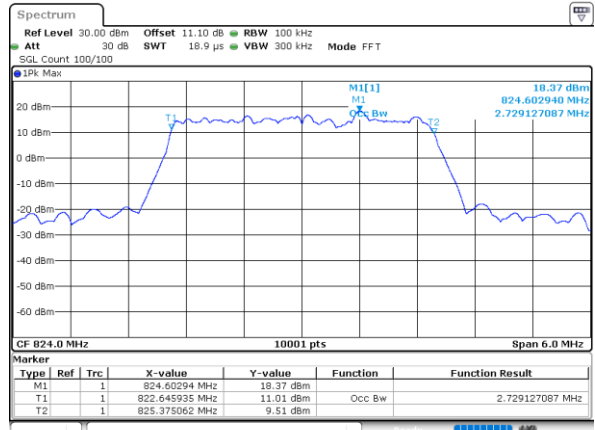
Date: 9.NOV.2024 07:02:53

824MHz / 3MHz / QPSK



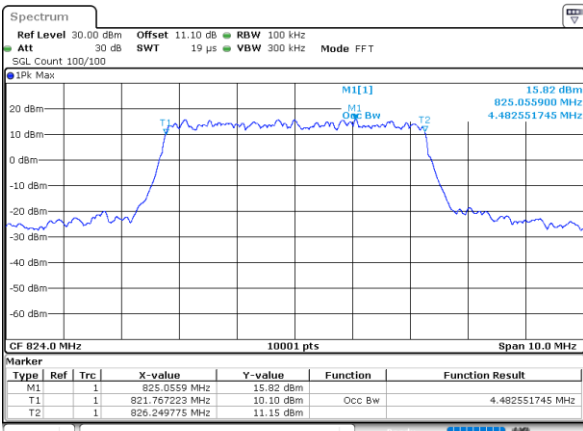
Date: 9.NOV.2024 07:09:22

824MHz / 3MHz / 16QAM



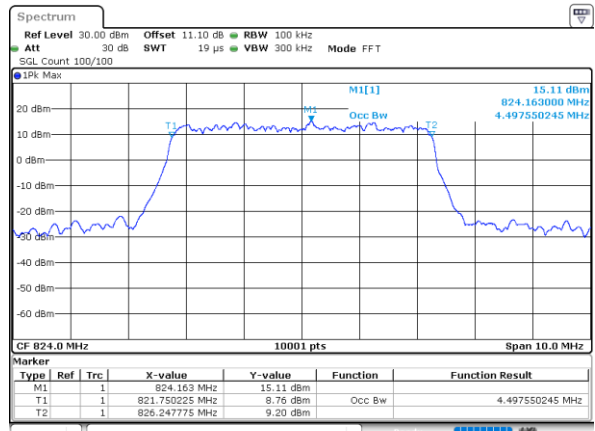
Date: 9.NOV.2024 07:10:31

824MHz / 5MHz / QPSK



Date: 9.NOV.2024 07:12:33

824MHz / 5MHz / 16QAM

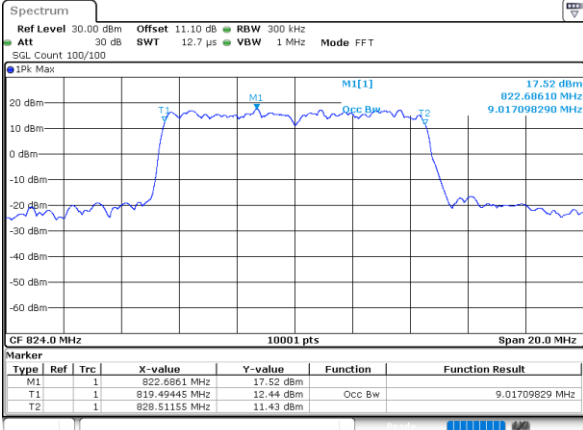


Date: 9.NOV.2024 07:13:42



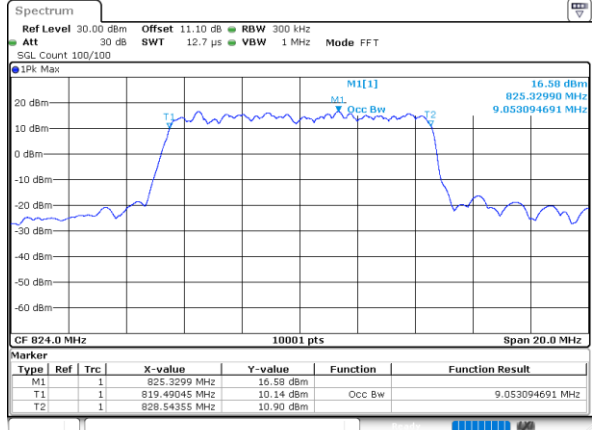
LTE Band 26

824MHz / 10MHz / QPSK



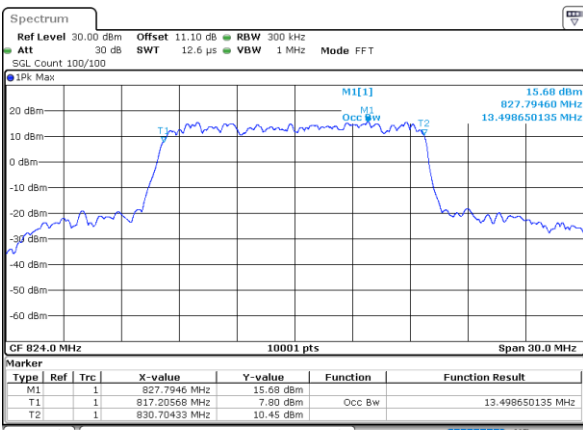
Date: 9.NOV.2024 07:15:44

824MHz / 10MHz / 16QAM



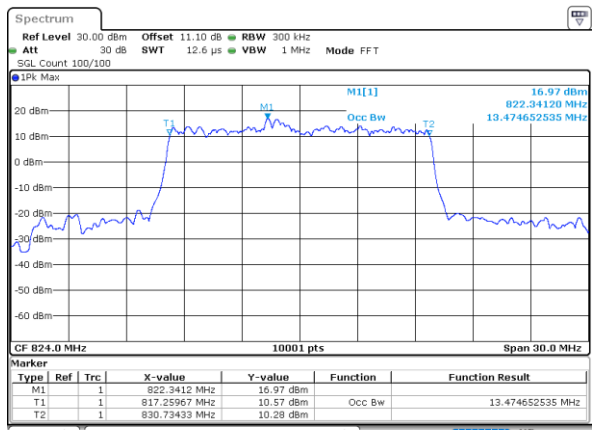
Date: 9.NOV.2024 07:16:54

824MHz / 15MHz / QPSK



Date: 9.NOV.2024 07:18:56

824MHz / 15MHz / 16QAM

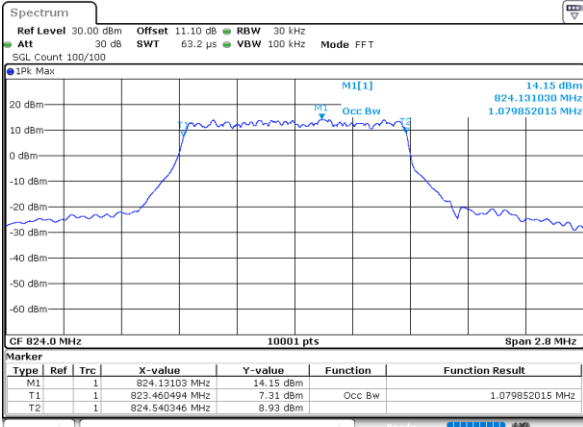


Date: 9.NOV.2024 07:20:05



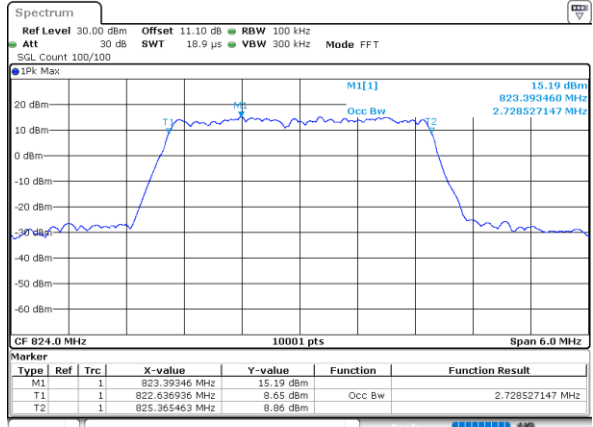
LTE Band 26

824MHz / 1.4MHz / 64QAM



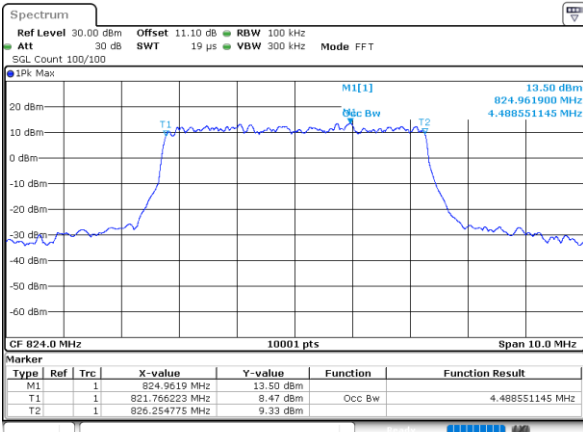
Date: 9.NOV.2024 07:03:17

824MHz / 3MHz / 64QAM



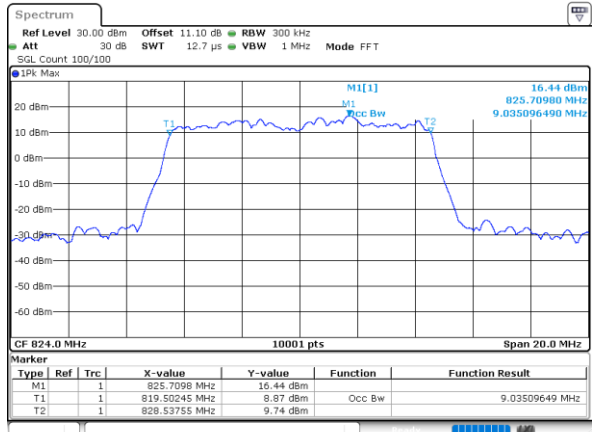
Date: 9.NOV.2024 07:10:54

824MHz / 5MHz / 64QAM



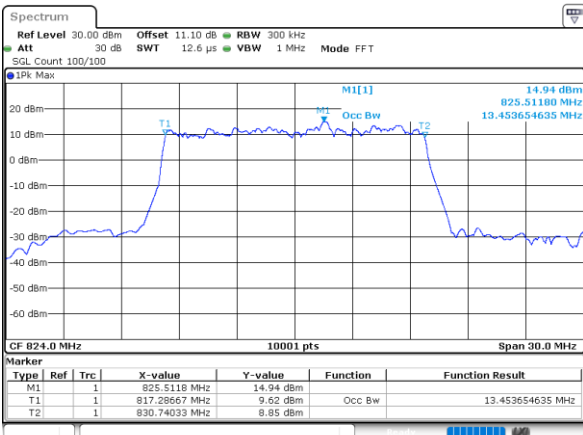
Date: 9.NOV.2024 07:14:06

824MHz / 10MHz / 64QAM



Date: 9.NOV.2024 07:17:17

824MHz / 15MHz / 64QAM



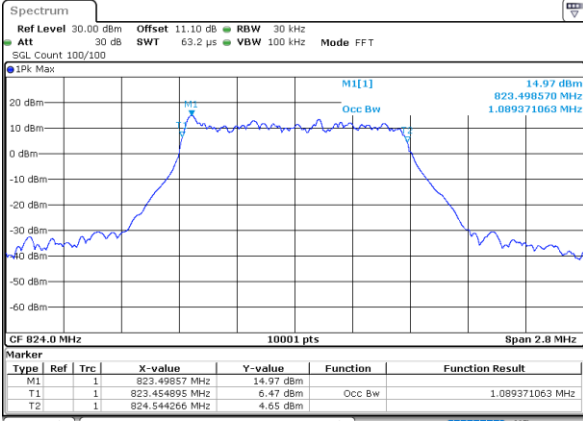
Date: 9.NOV.2024 07:20:28

N/A



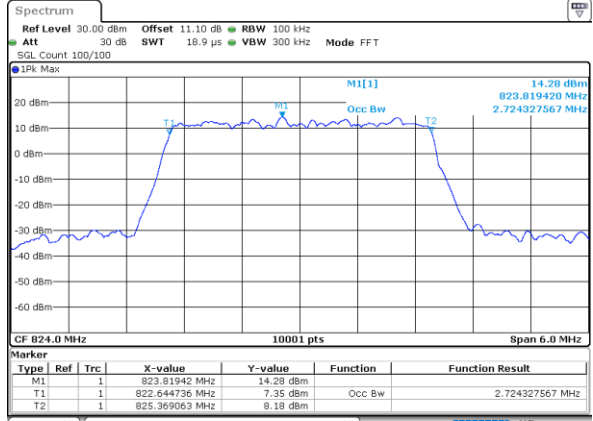
LTE Band 26

824MHz / 1.4MHz / 256QAM



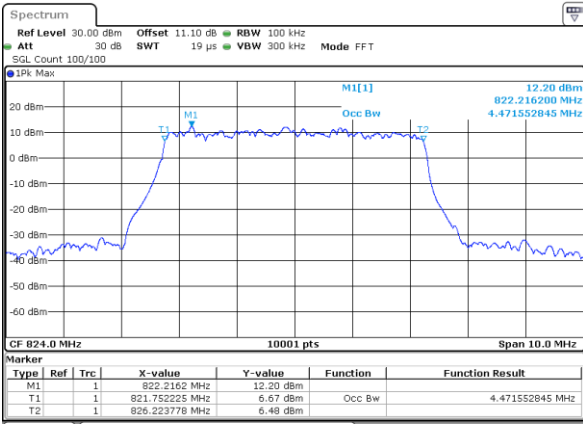
Date: 9.NOV.2024 07:04:03

824MHz / 3MHz / 256QAM



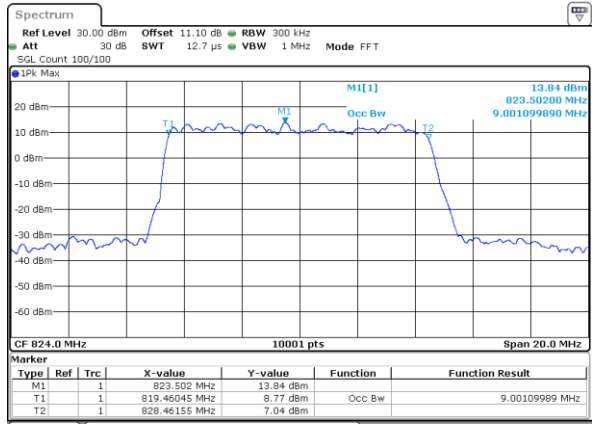
Date: 9.NOV.2024 07:11:41

824MHz / 5MHz / 256QAM



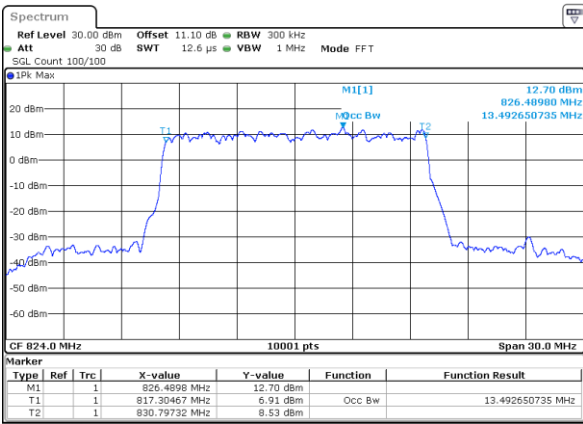
Date: 9.NOV.2024 07:14:52

824MHz / 10MHz / 256QAM



Date: 9.NOV.2024 07:18:03

824MHz / 15MHz / 256QAM

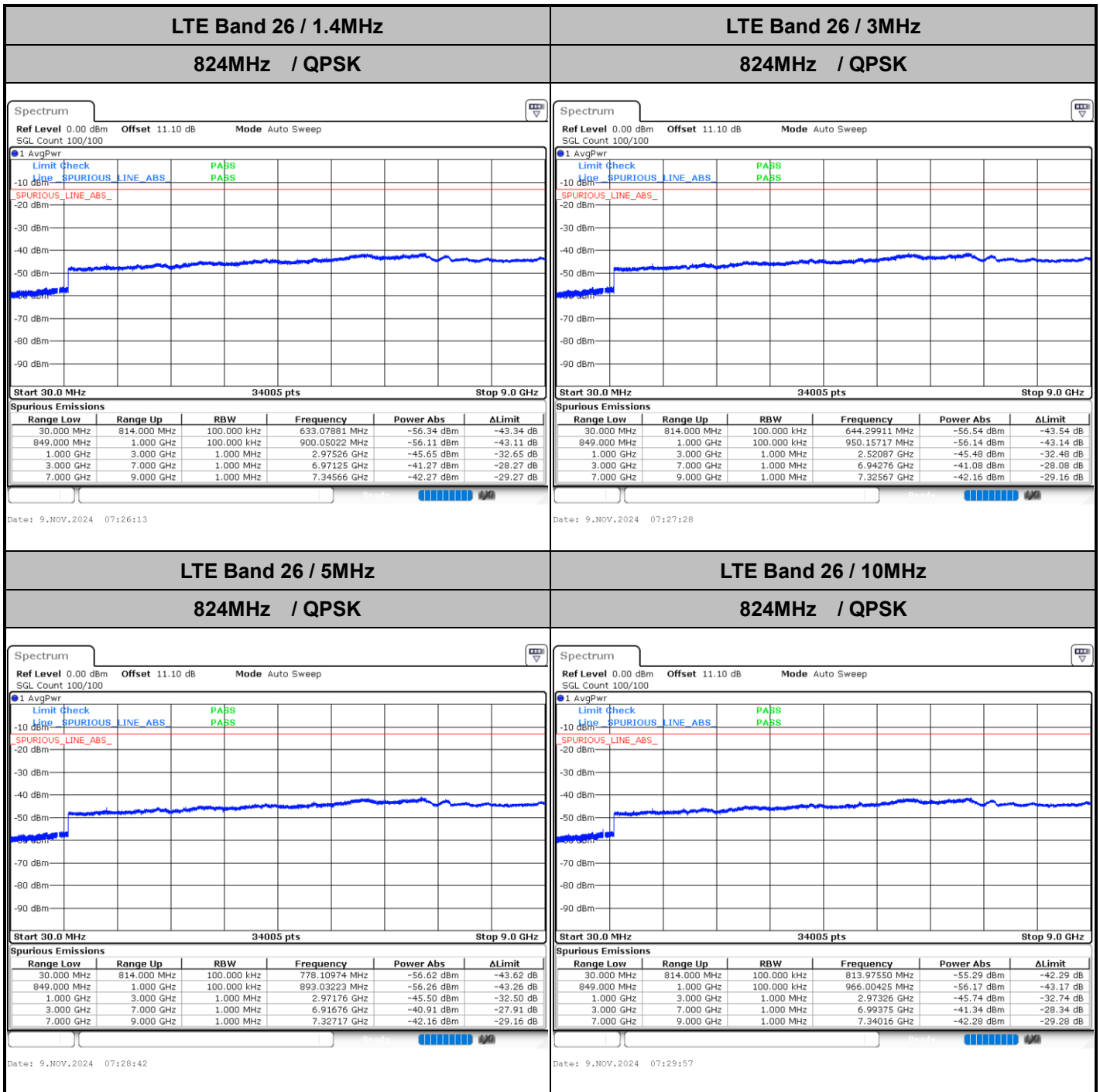


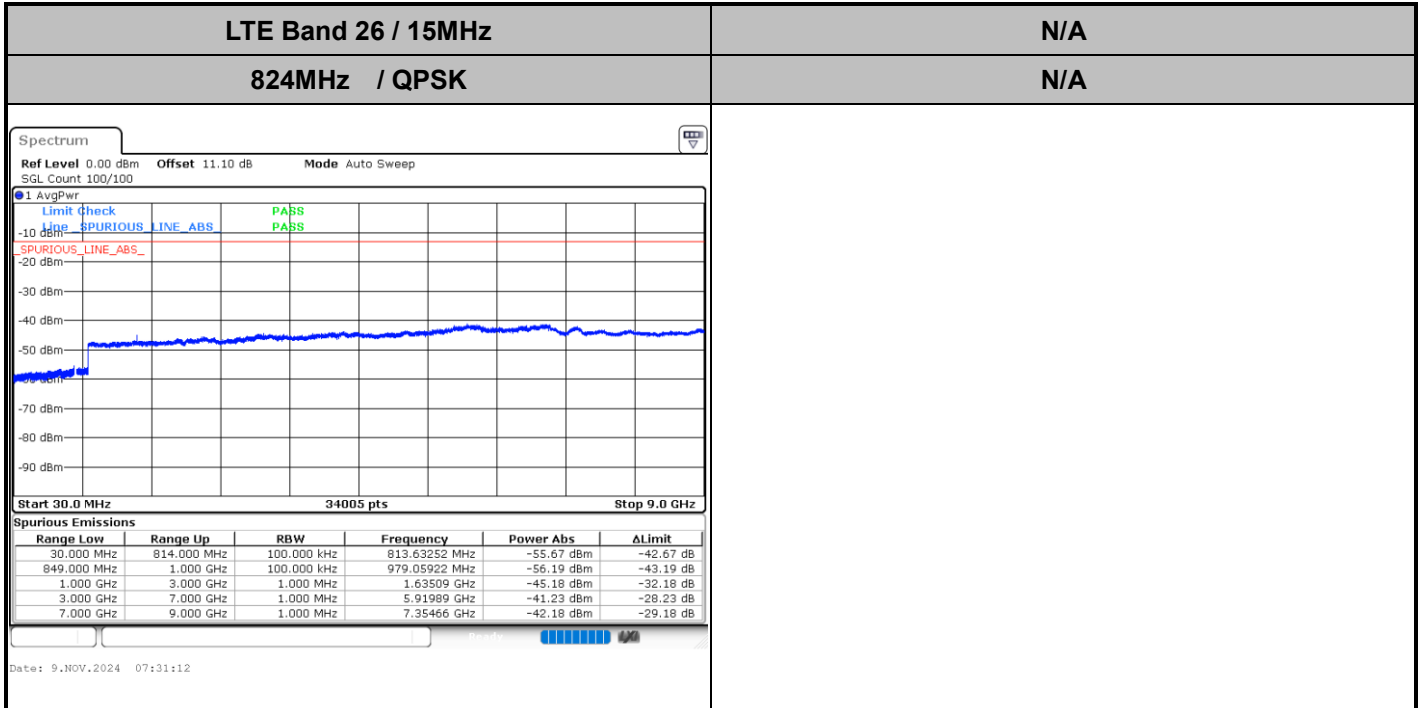
Date: 9.NOV.2024 07:21:15

N/A



Conducted Spurious Emission







Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0067	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0044	

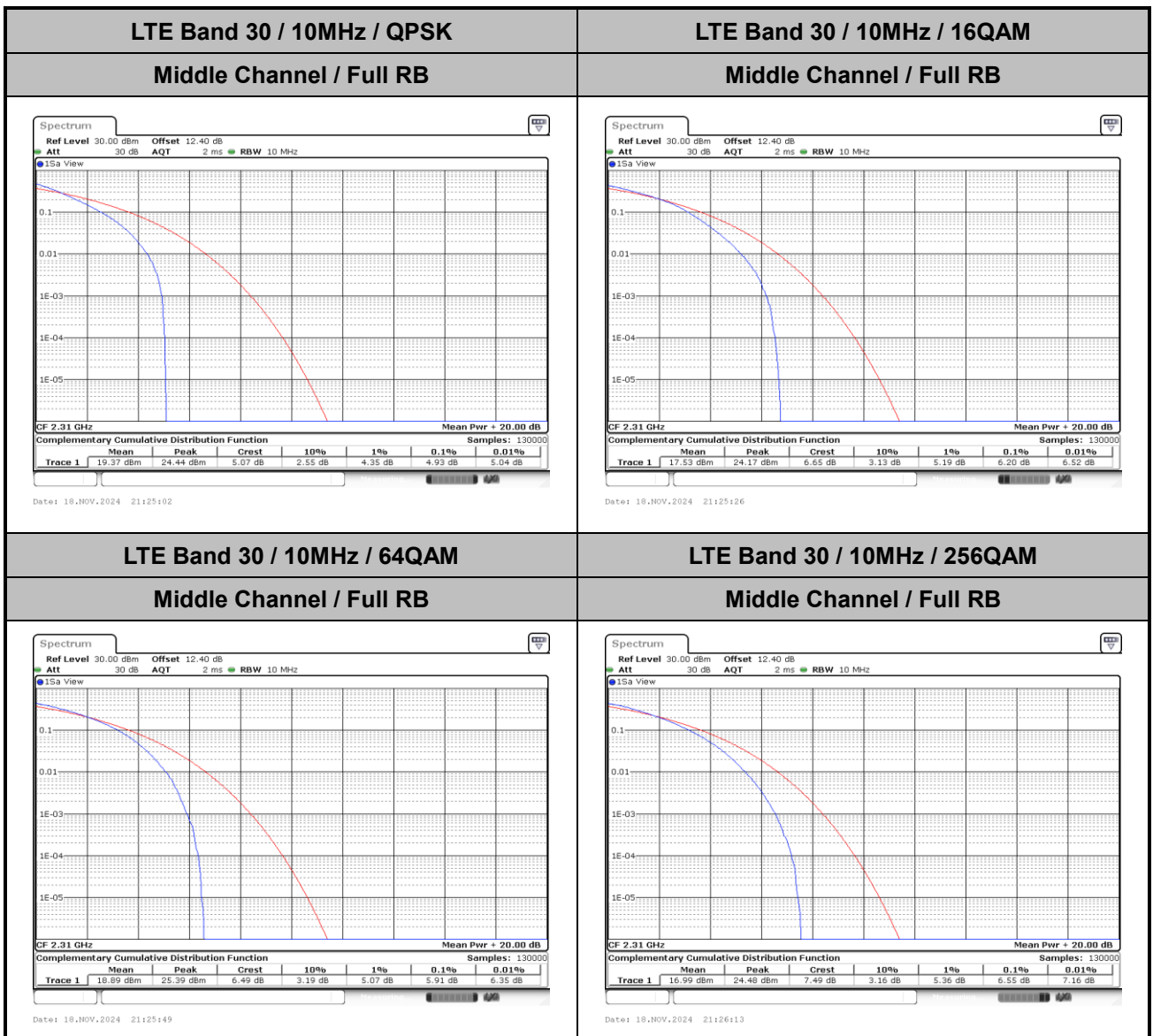
Note: Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.465 V



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	4.93	6.20	5.91	6.55	PASS





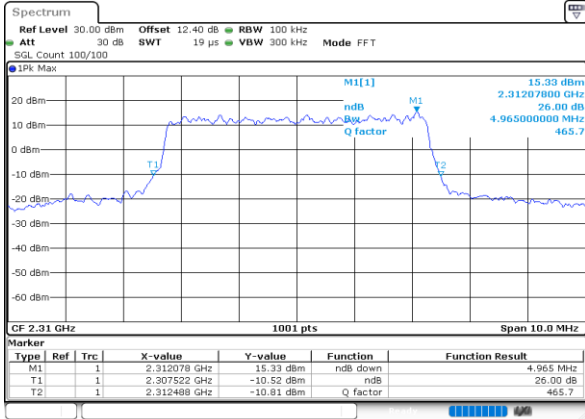
26dB Bandwidth

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	-	-	-	-	4.96	5.10	10.00	9.84	-	-	-	-
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	-	-	-	-	5.02	5.00	9.86	9.99	-	-	-	-



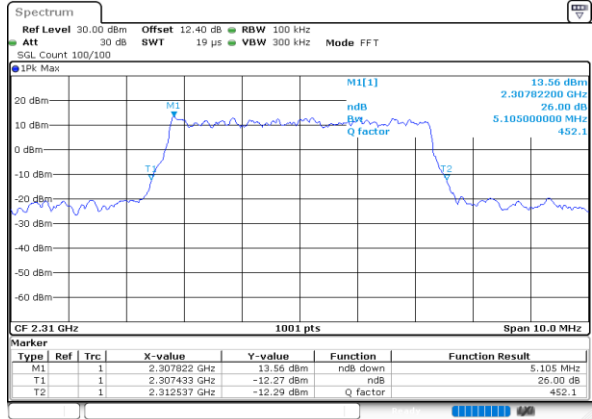
LTE Band 30

Middle Channel / 5MHz / QPSK



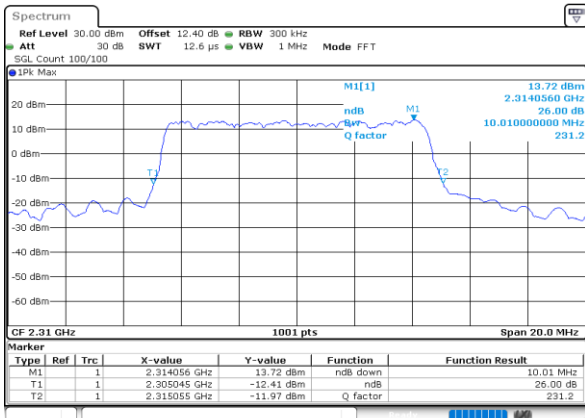
Date: 18.NOV.2024 21:53:41

Middle Channel / 5MHz / 16QAM



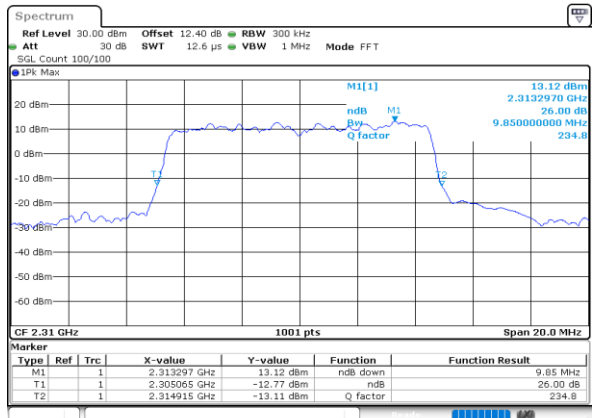
Date: 18.NOV.2024 21:54:03

Middle Channel / 10MHz / QPSK



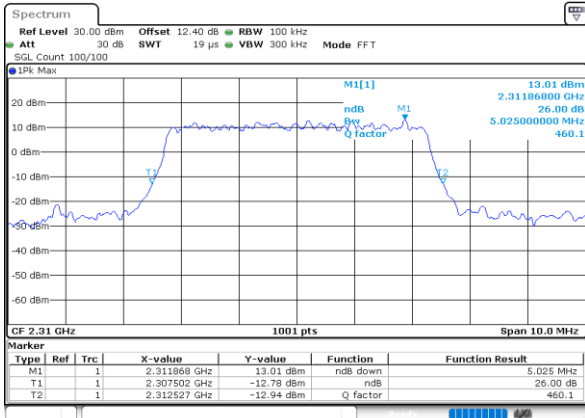
Date: 18.NOV.2024 21:23:13

Middle Channel / 10MHz / 16QAM



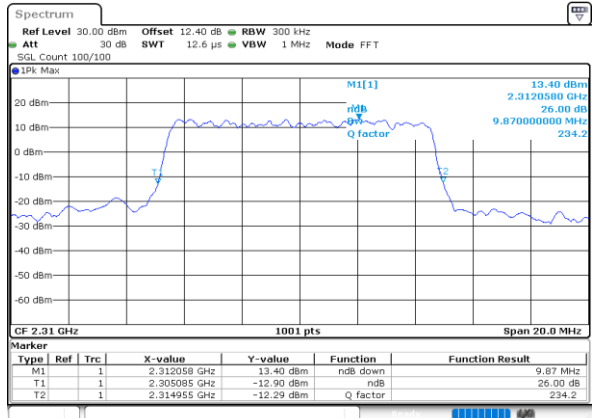
Date: 18.NOV.2024 21:23:53

Middle Channel / 5MHz / 64QAM



Date: 18.NOV.2024 21:54:26

Middle Channel / 10MHz / 64QAM



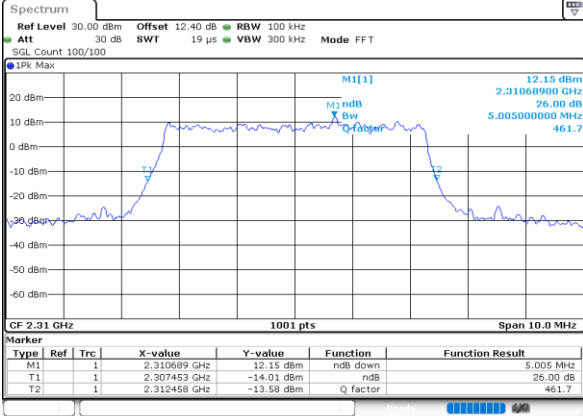
Date: 18.NOV.2024 21:24:16



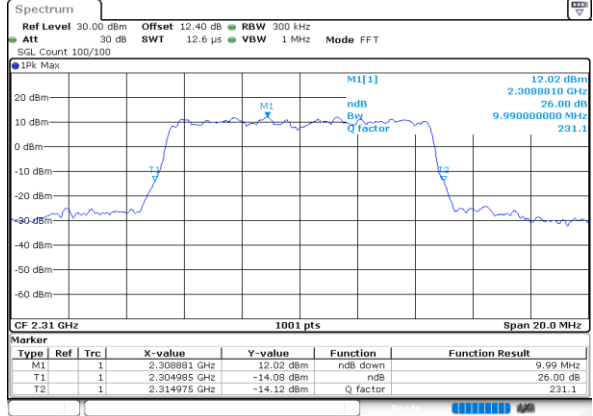
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 18.NOV.2024 21:54:46



Date: 18.NOV.2024 21:24:38



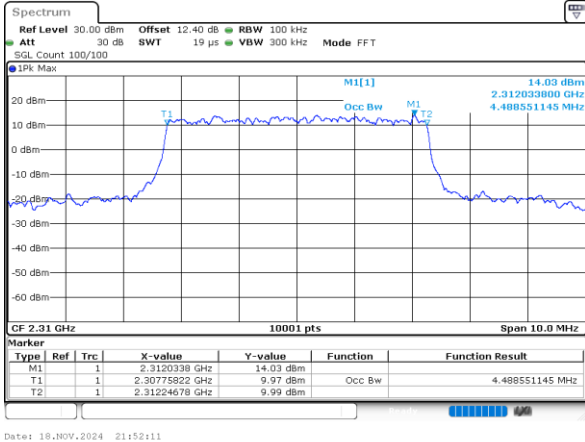
Occupied Bandwidth

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	-	-	-	-	4.48	4.48	9.06	9.07	-	-	-	-
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	4.46	9.02	9.01	-	-	-	-



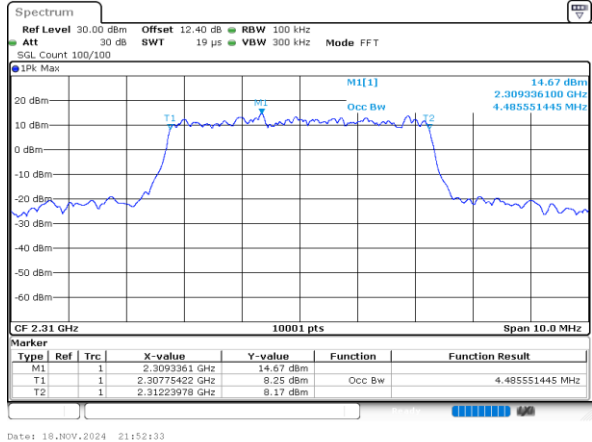
LTE Band 30

Middle Channel / 5MHz / QPSK



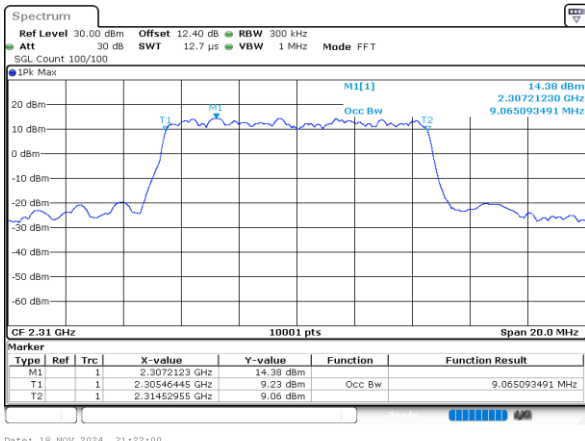
Date: 18.NOV.2024 21:52:11

Middle Channel / 5MHz / 16QAM



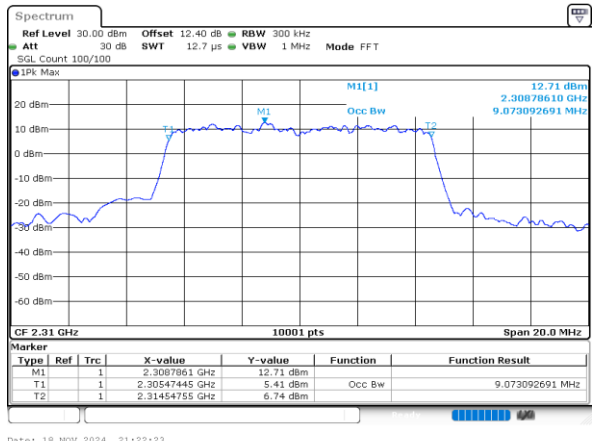
Date: 18.NOV.2024 21:52:33

Middle Channel / 10MHz / QPSK



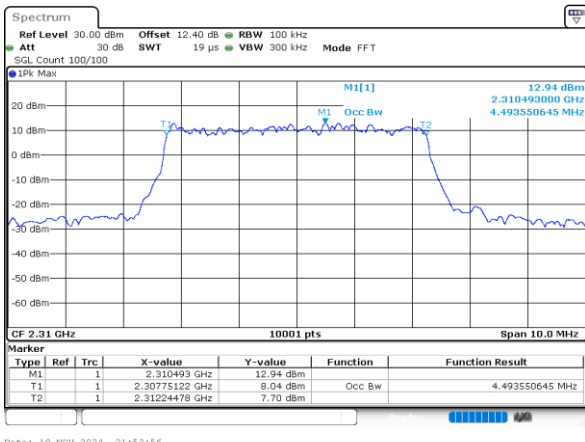
Date: 18.NOV.2024 21:22:00

Middle Channel / 10MHz / 16QAM



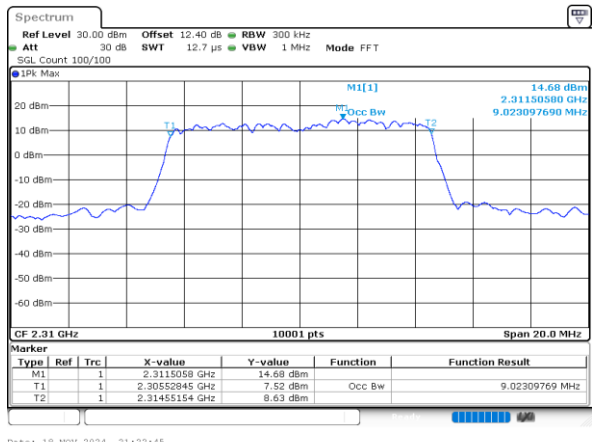
Date: 18.NOV.2024 21:22:23

Middle Channel / 5MHz / 64QAM



Date: 18.NOV.2024 21:52:56

Middle Channel / 10MHz / 64QAM



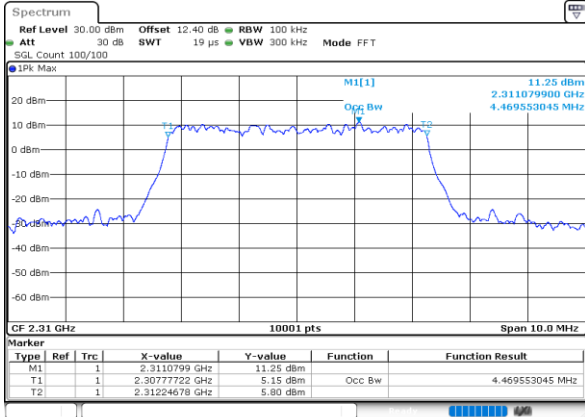
Date: 18.NOV.2024 21:22:45



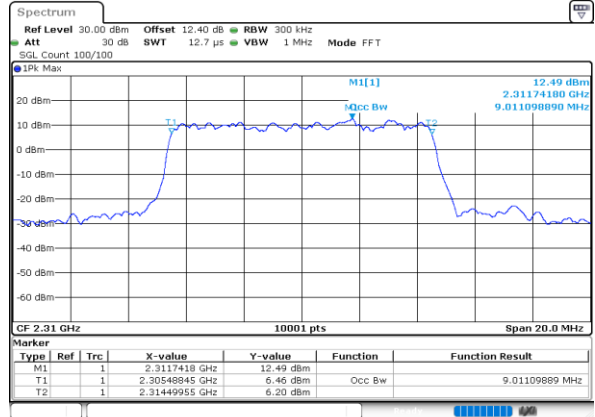
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 18.NOV.2024 21:53:18



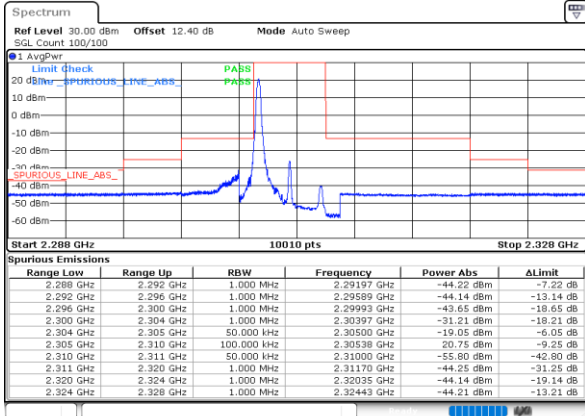
Date: 18.NOV.2024 21:23:08



Conducted Band Edge

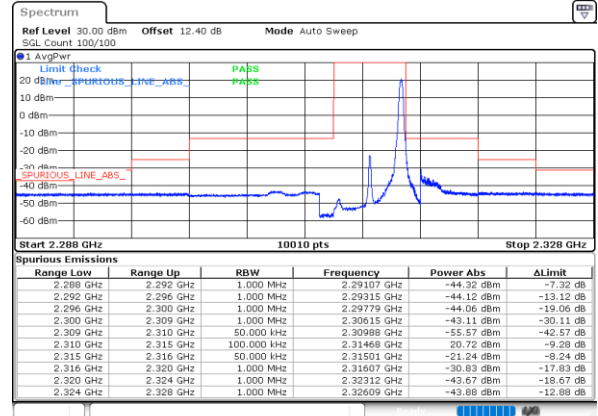
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / 1 RB



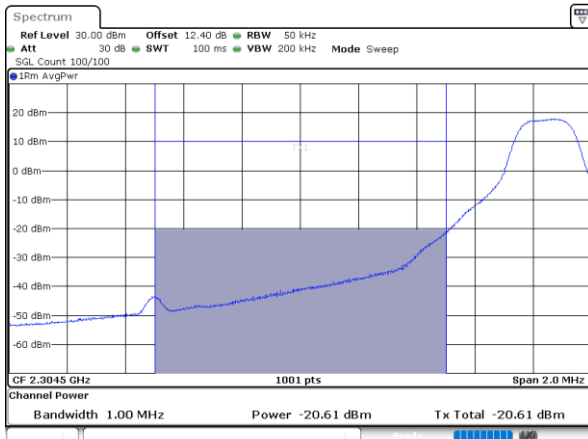
Date: 18.NOV.2024 21:35:39

Highest Band Edge / 1 RB



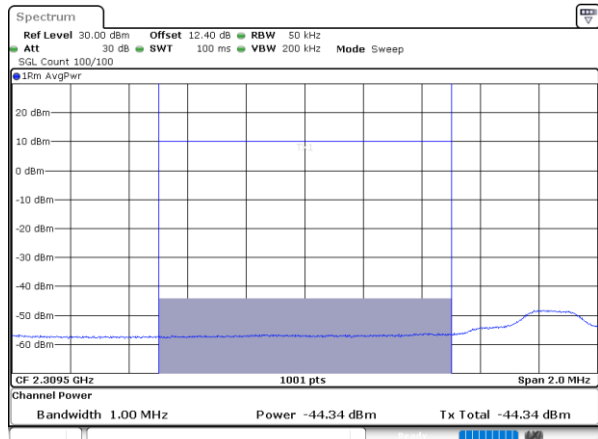
Date: 18.NOV.2024 21:44:07

Lowest Band Edge / 1 RB / Lower zoom in



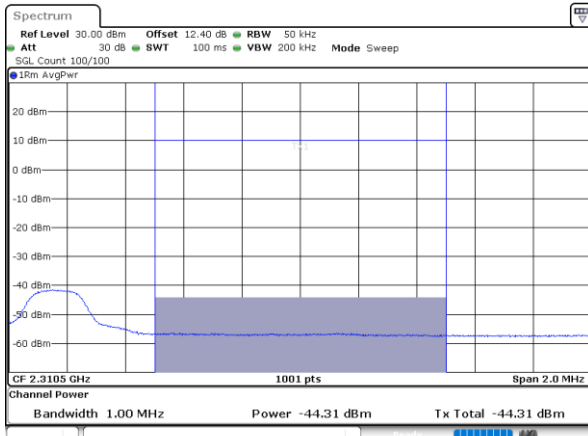
Date: 18.NOV.2024 22:14:27

Highest Band Edge / 1 RB / Lower zoom in



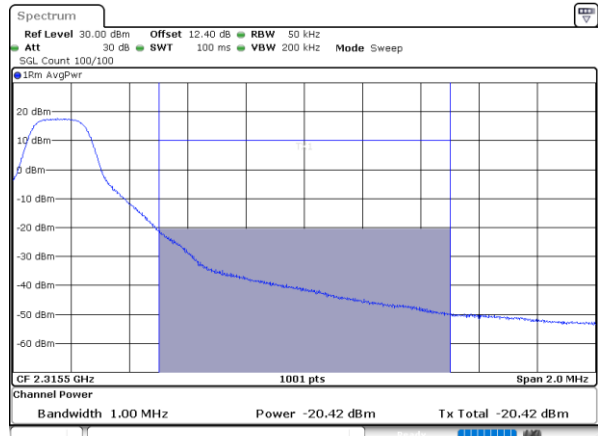
Date: 18.NOV.2024 22:14:20

Lowest Band Edge / 1 RB / Upper zoom in



Date: 18.NOV.2024 22:14:56

Highest Band Edge / 1 RB / Upper zoom in

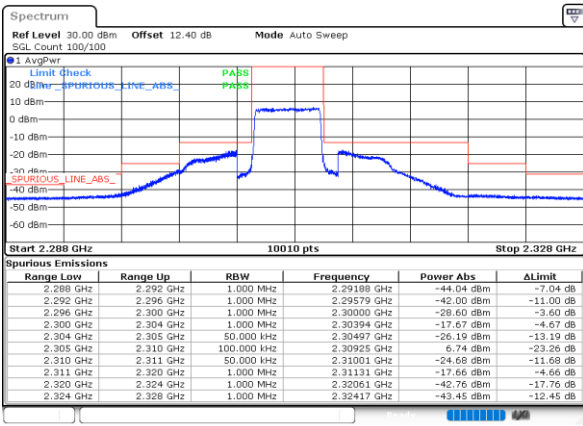


Date: 18.NOV.2024 22:14:59

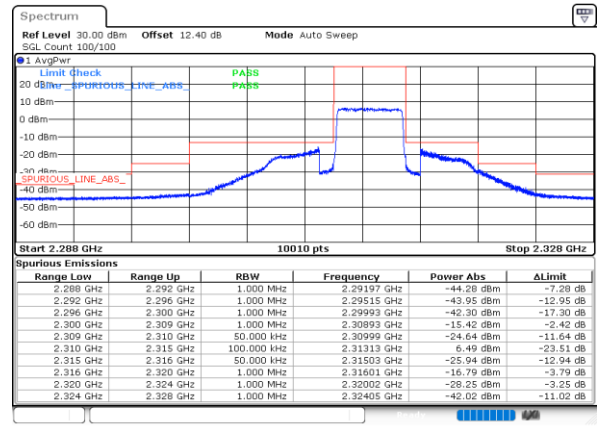


LTE Band 30 / 5MHz / QPSK

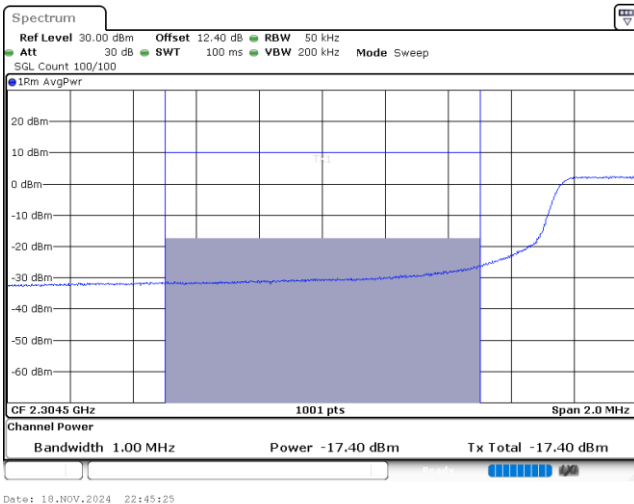
Lowest Band Edge / Full RB



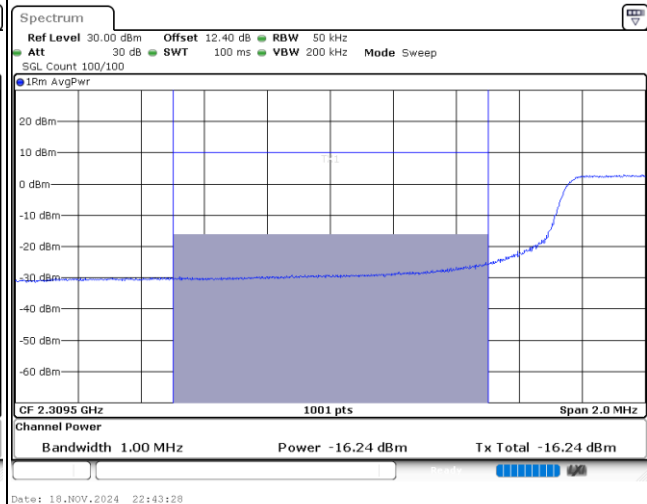
Highest Band Edge / Full RB



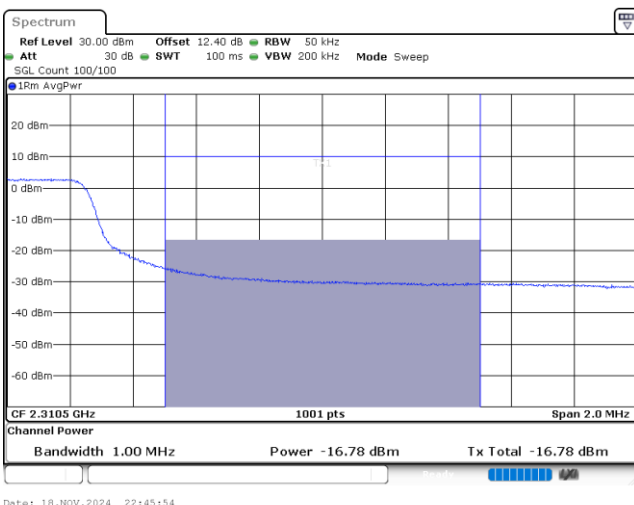
Lowest Band Edge / Full RB / Lower zoom in



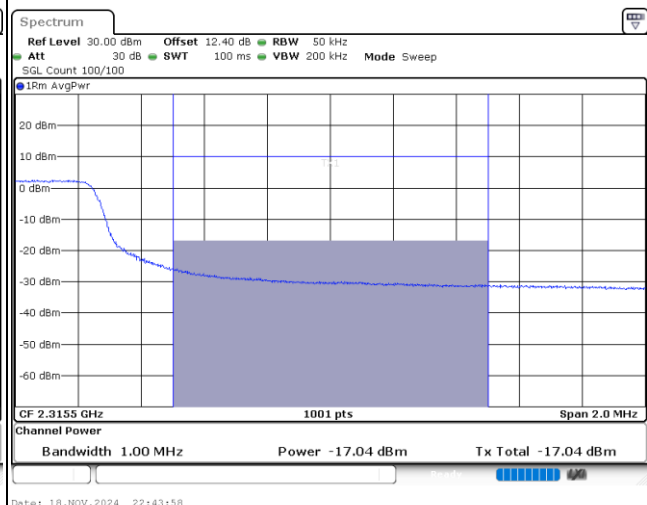
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



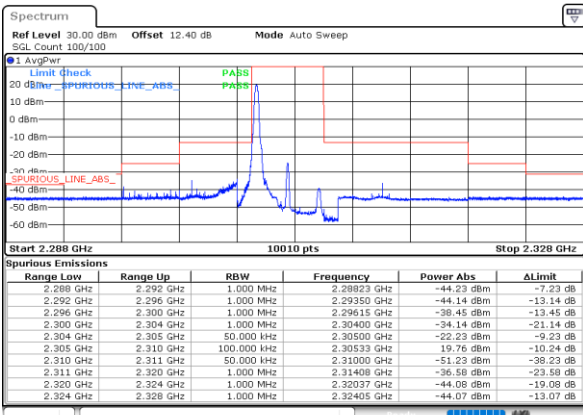
Highest Band Edge / Full RB / Upper zoom in





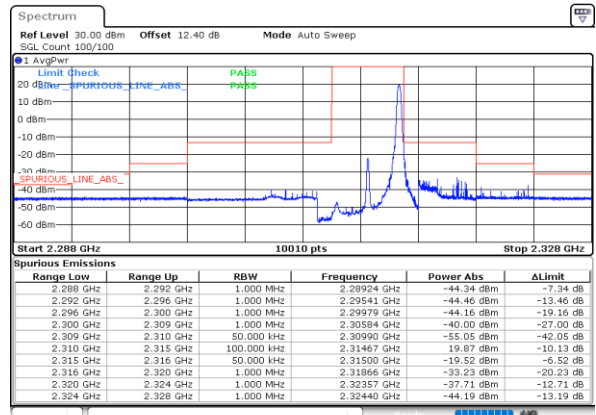
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



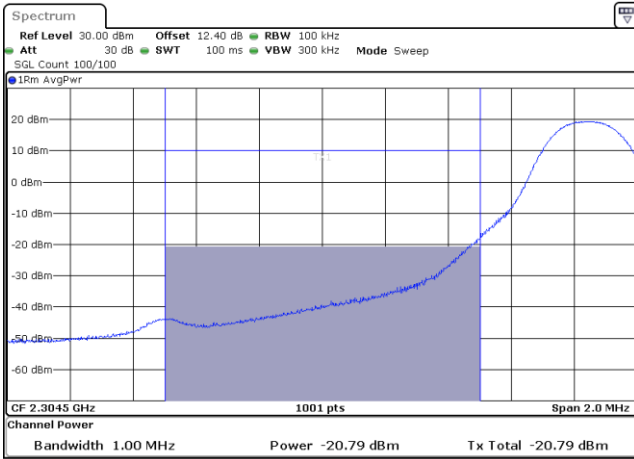
Date: 18.NOV.2024 21:36:42

Highest Band Edge / 1 RB



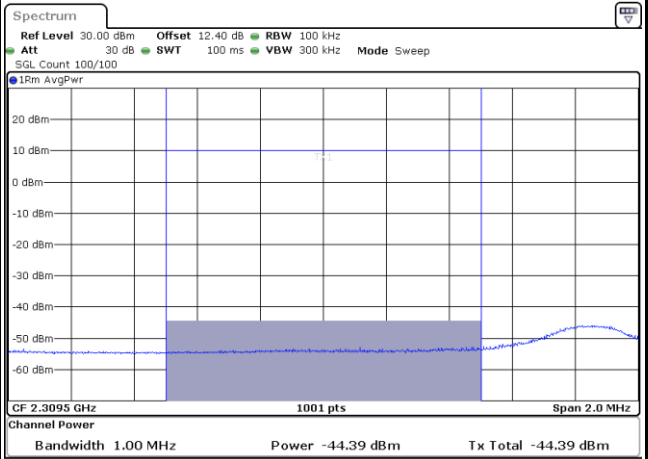
Date: 18.NOV.2024 21:45:10

Lowest Band Edge / 1 RB / Lower zoom in



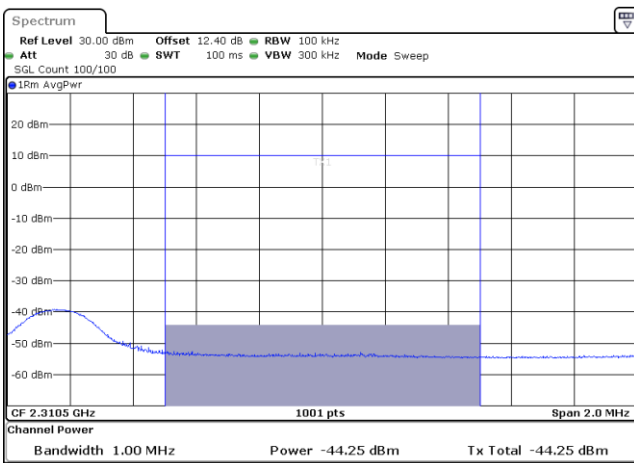
Date: 18.NOV.2024 22:35:50

Highest Band Edge / 1 RB / Lower zoom in



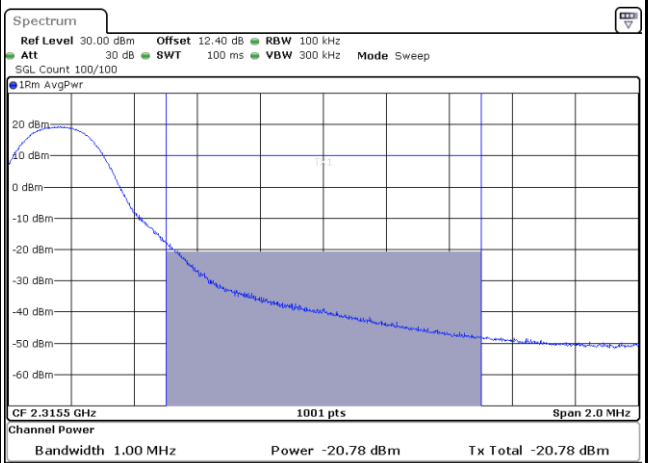
Date: 18.NOV.2024 22:29:48

Lowest Band Edge / 1 RB / Upper zoom in



Date: 18.NOV.2024 22:38:21

Highest Band Edge / 1 RB / Upper zoom in



Date: 18.NOV.2024 22:32:19