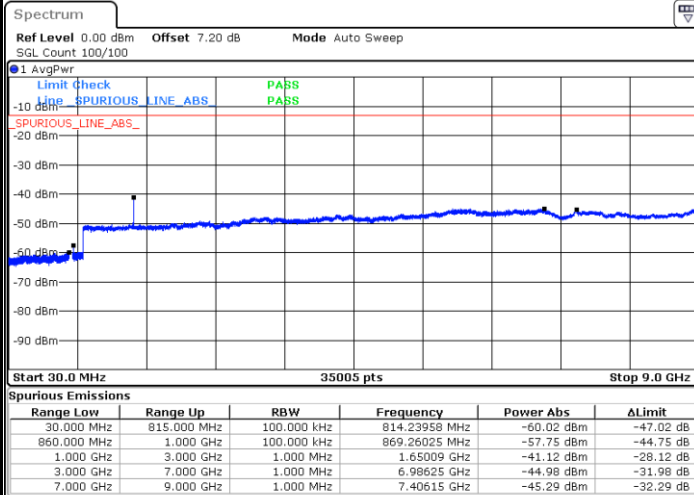




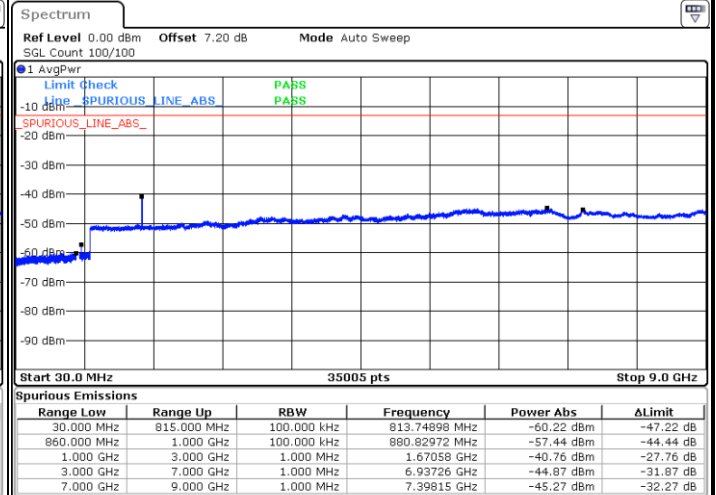
LTE Band 26 / 3MHz

Lowest Channel / QPSK



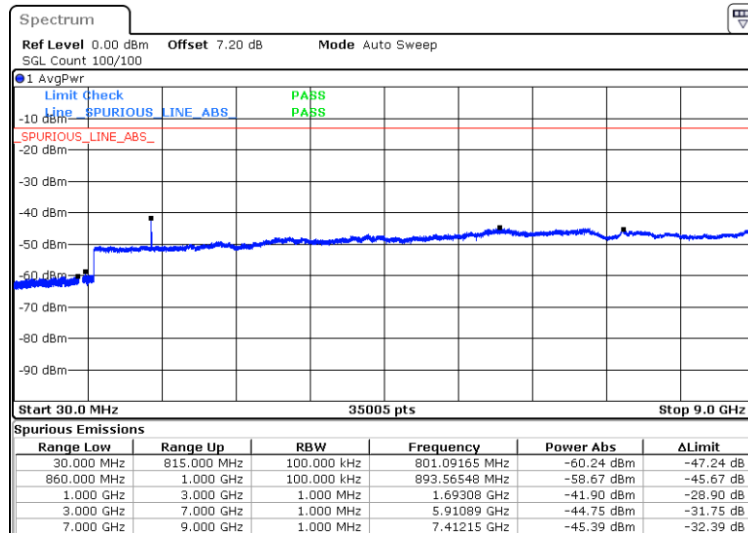
Date: 5.NOV.2025 06:16:48

Middle Channel / QPSK



Date: 5.NOV.2025 06:18:20

Highest Channel / QPSK

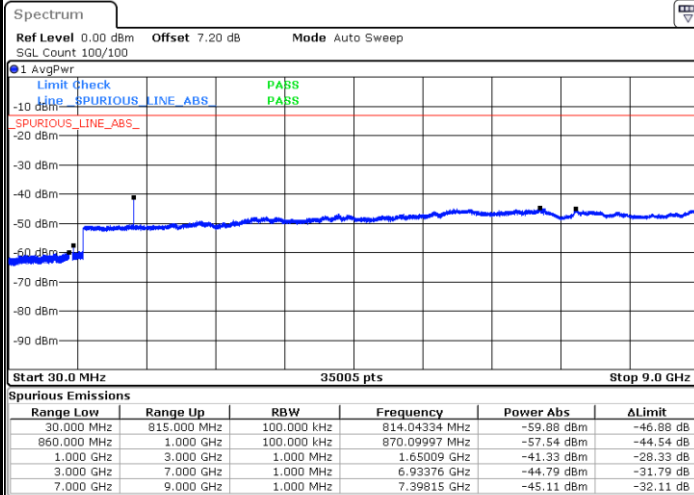


Date: 5.NOV.2025 06:19:50



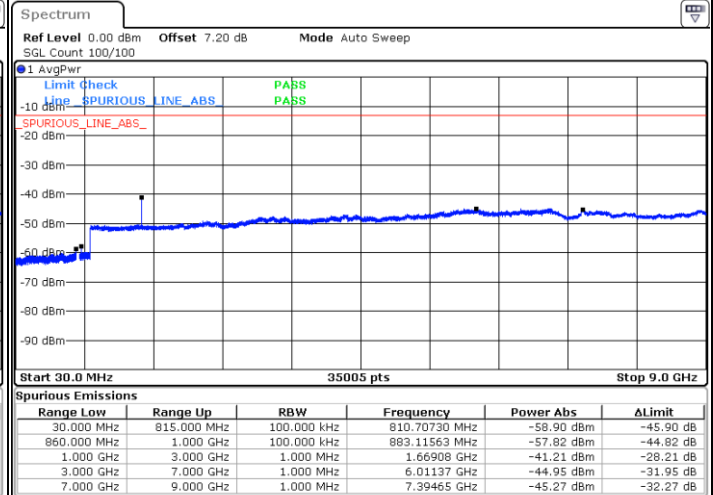
LTE Band 26 / 5MHz

Lowest Channel / QPSK



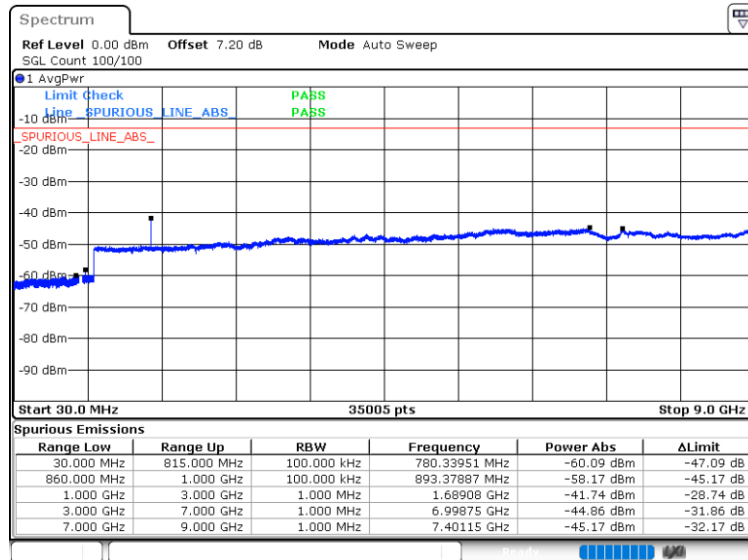
Date: 5.NOV.2025 06:23:36

Middle Channel / QPSK



Date: 5.NOV.2025 06:25:09

Highest Channel / QPSK

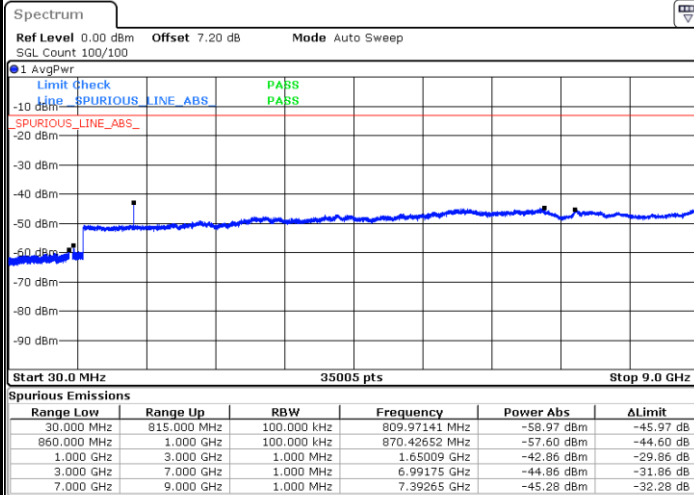


Date: 5.NOV.2025 06:26:40



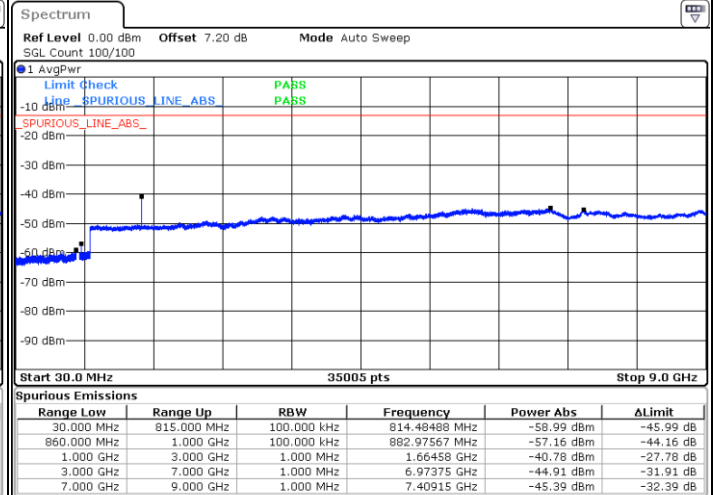
LTE Band 26 / 10MHz

Lowest Channel / QPSK



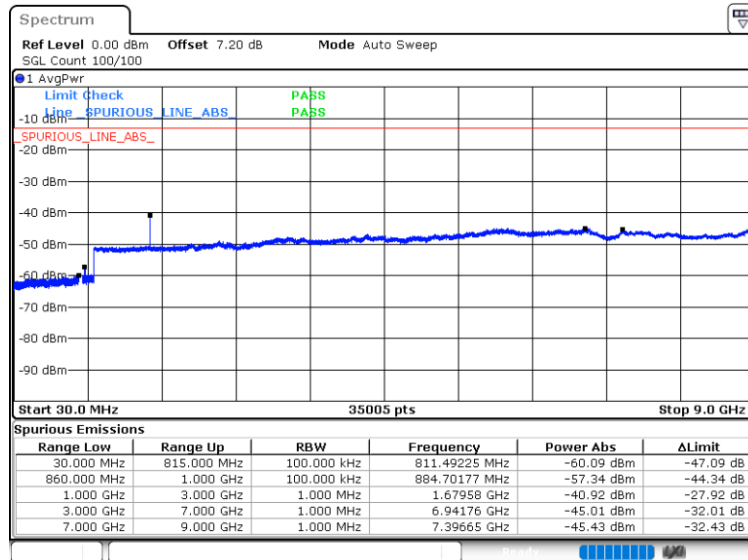
Date: 5.NOV.2025 06:30:43

Middle Channel / QPSK



Date: 5.NOV.2025 06:32:15

Highest Channel / QPSK

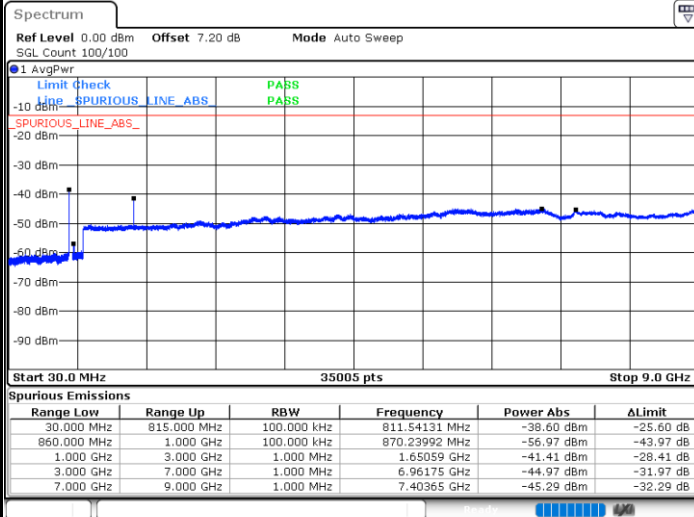


Date: 5.NOV.2025 06:33:44



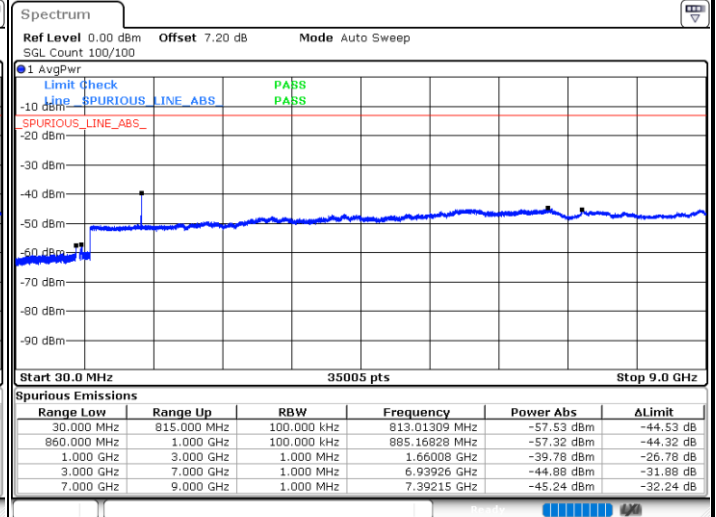
LTE Band 26 / 15MHz

Lowest Channel / QPSK



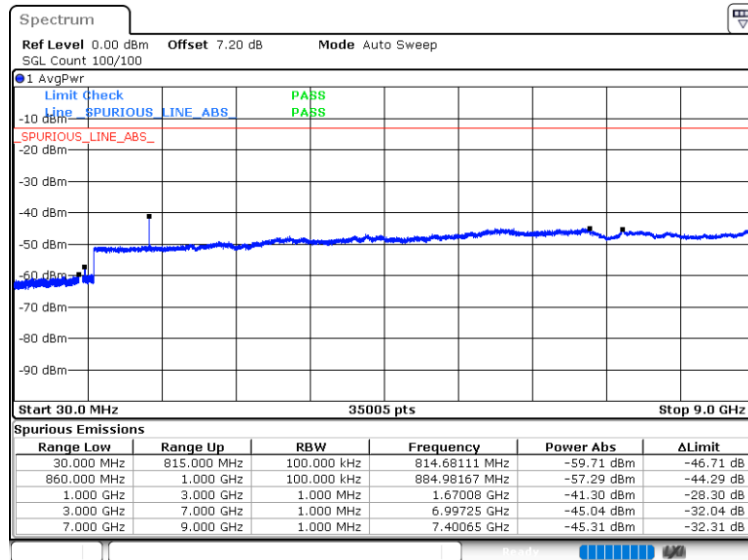
Date: 5.NOV.2025 06:37:30

Middle Channel / QPSK



Date: 5.NOV.2025 06:39:01

Highest Channel / QPSK



Date: 5.NOV.2025 06:40:31

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0049	-4.1	Yes	PASS
40	Normal Voltage	0.0090	-7.5	Yes	
30	Normal Voltage	0.0120	-10	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0049	-4.1	Yes	
0	Normal Voltage	0.0087	-7.3	Yes	
-10	Normal Voltage	0.0045	-3.8	Yes	
-20	Normal Voltage	0.0016	1.3	Yes	
-30	Normal Voltage	0.0039	-3.3	Yes	
20	Maximum Voltage	0.0171	-14.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0127	-10.6	Yes	

Note:

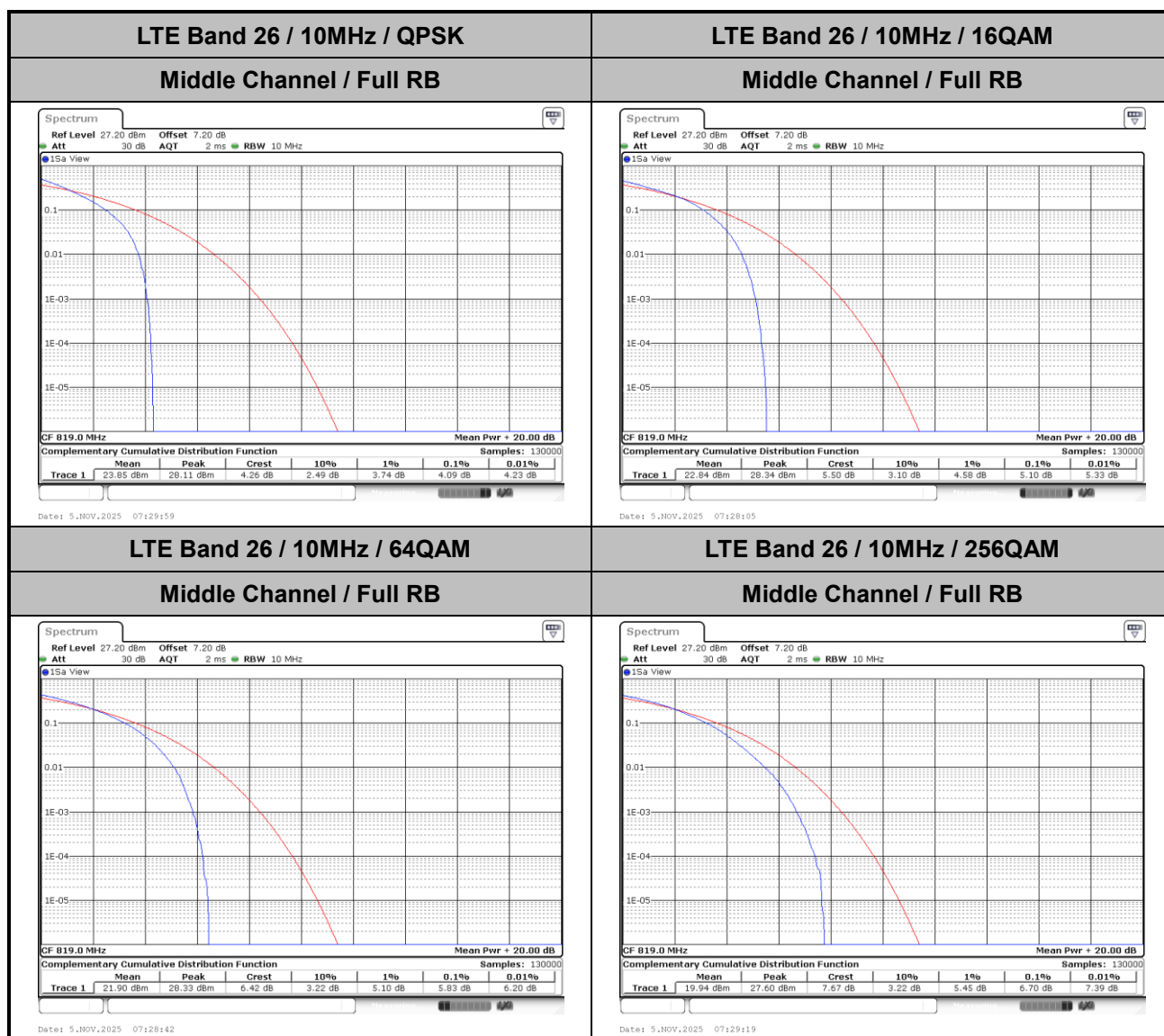
1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.05 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 26_Part 90S

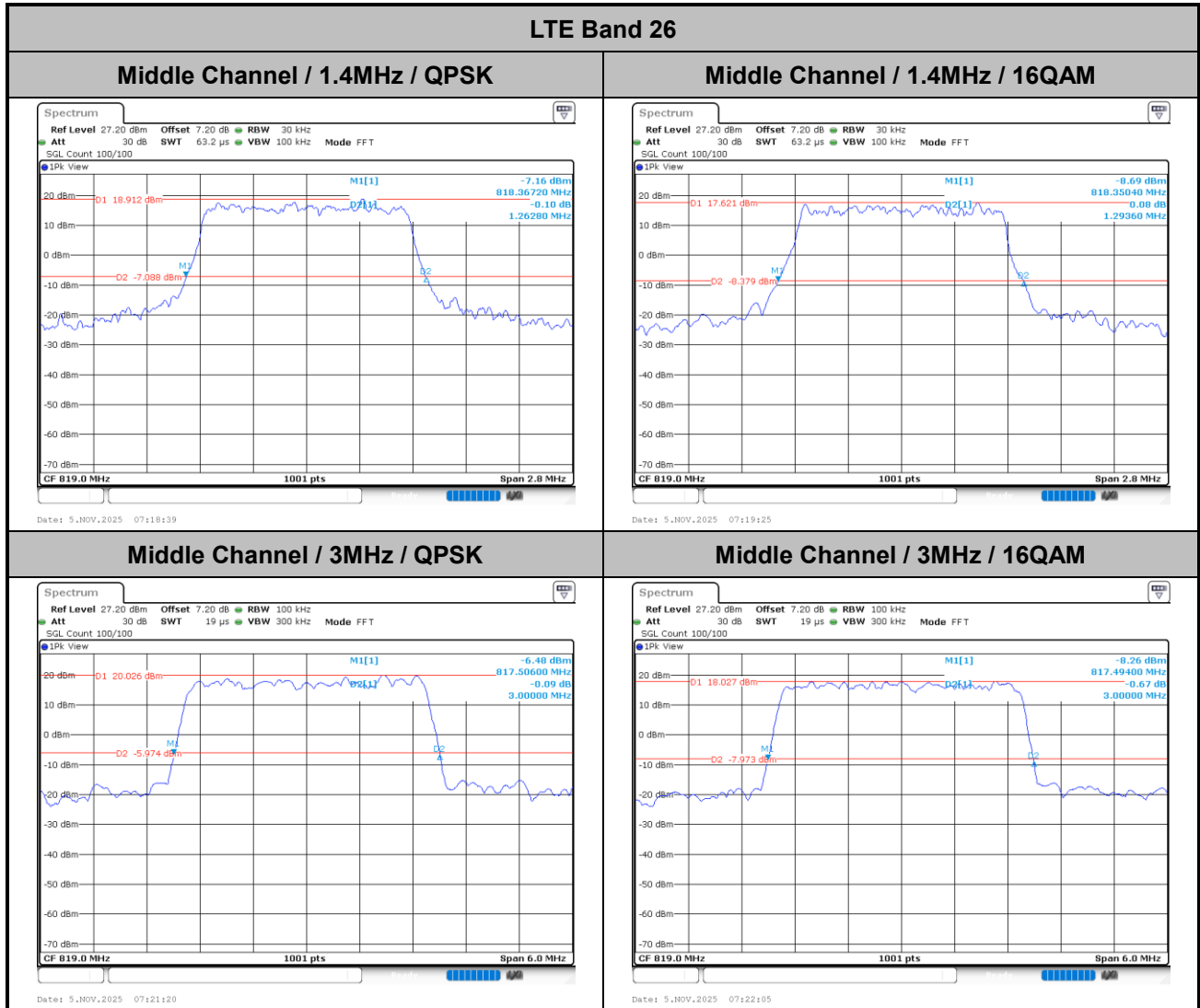
Peak-to-Average Ratio

Mode	LTE Band 26 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.09	5.10	5.83	6.70	PASS



**26dB Bandwidth**

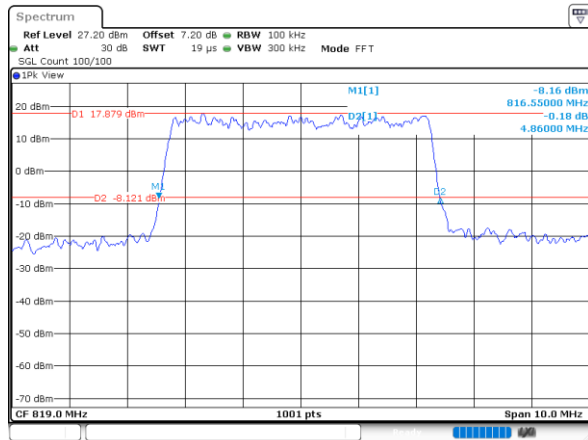
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	14.28	14.64	-	-
Middle CH	1.26	1.29	3.00	3.00	4.86	4.90	9.92	9.88	-	-	-	-





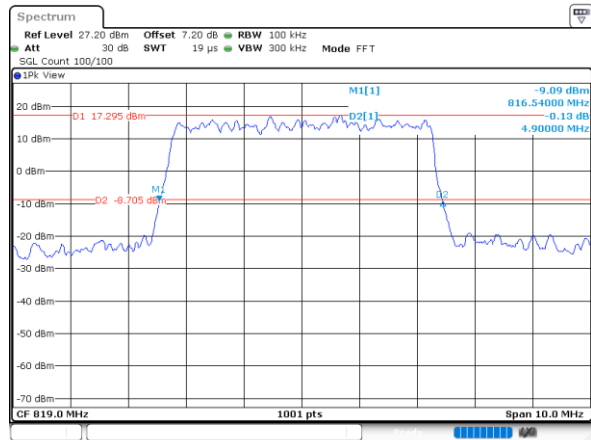
LTE Band 26

Middle Channel / 5MHz / QPSK



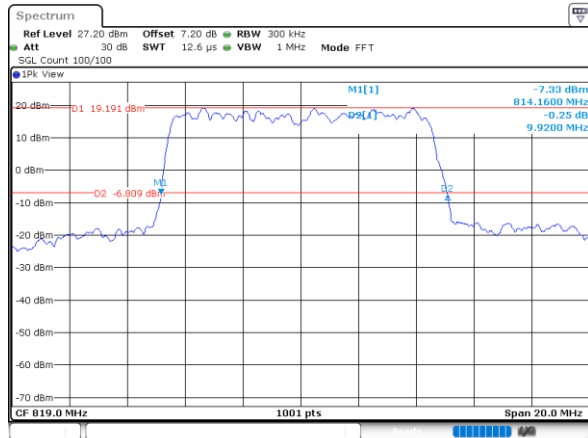
Date: 5.NOV.2025 07:23:58

Middle Channel / 5MHz / 16QAM



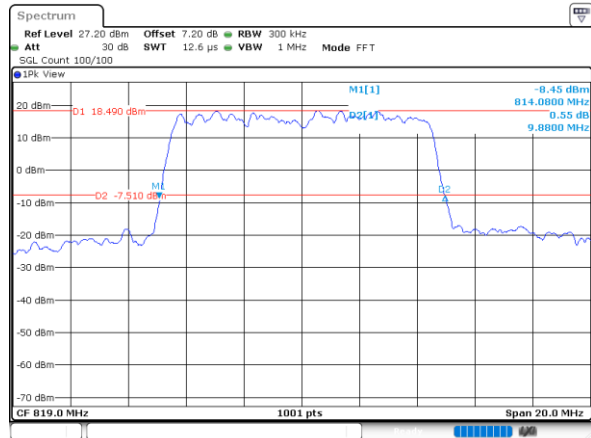
Date: 5.NOV.2025 07:24:34

Middle Channel / 10MHz / QPSK



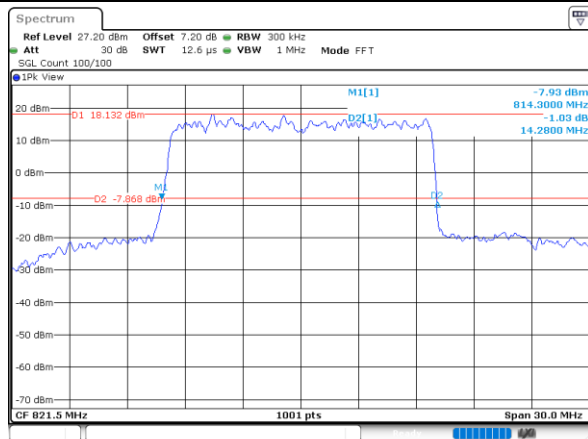
Date: 5.NOV.2025 07:26:51

Middle Channel / 10MHz / 16QAM



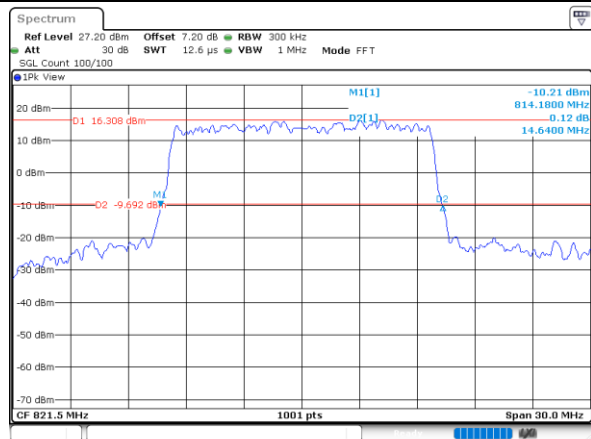
Date: 5.NOV.2025 07:27:59

Low Channel / 15MHz / QPSK



Date: 5.NOV.2025 07:32:46

Low Channel / 15MHz / 16QAM



Date: 5.NOV.2025 07:31:24

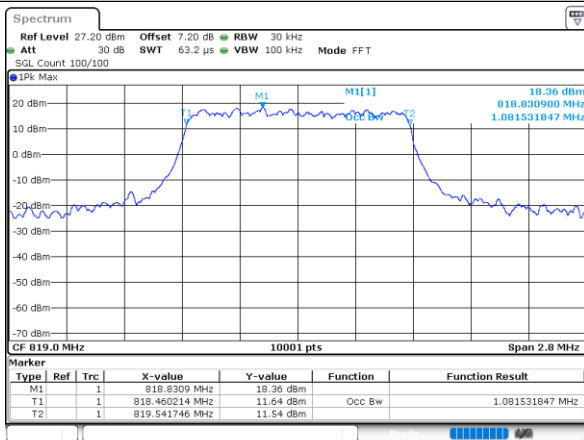


Occupied Bandwidth

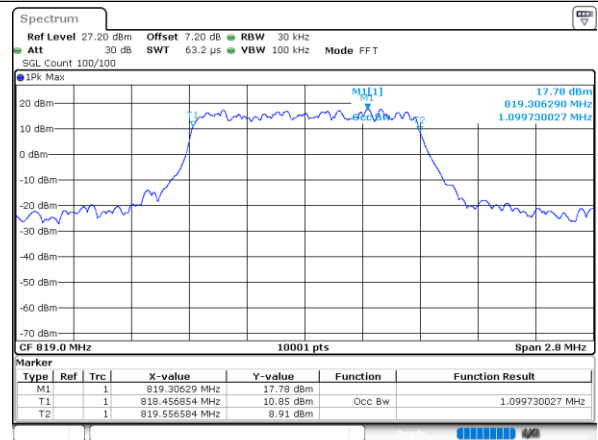
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	13.47	13.39	-	-
Middle CH	1.08	1.09	2.71	2.71	4.48	4.48	9.04	8.99	-	-	-	-

LTE Band 26

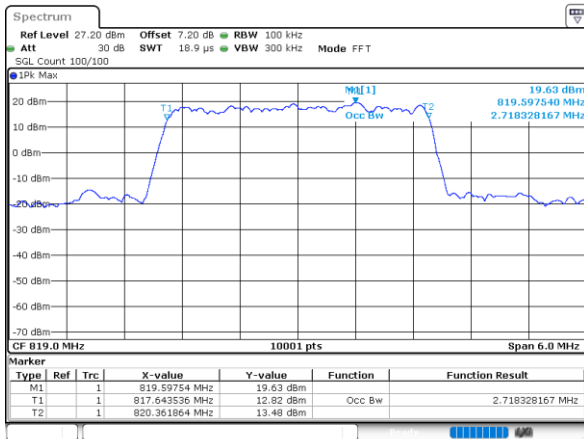
Middle Channel / 1.4MHz / QPSK



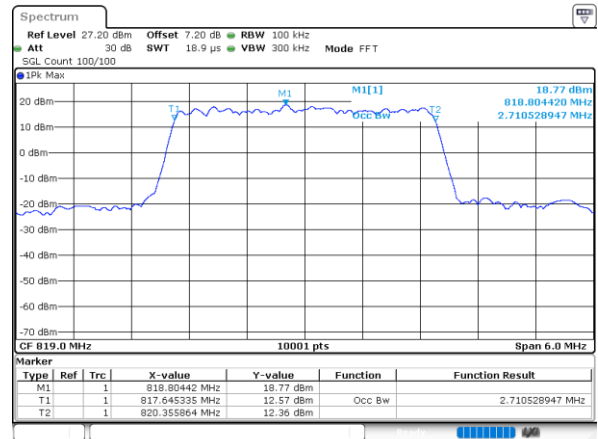
Middle Channel / 1.4MHz / 16QAM



Middle Channel / 3MHz / QPSK



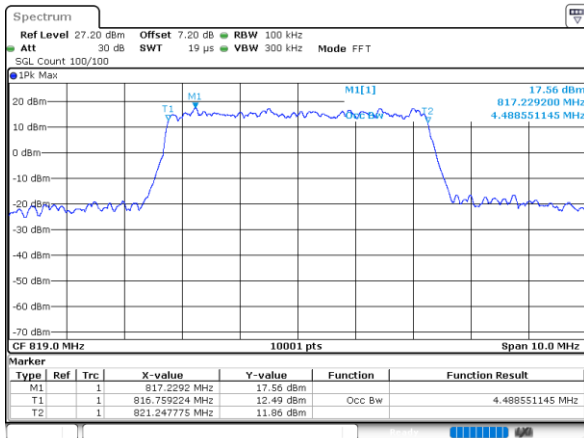
Middle Channel / 3MHz / 16QAM



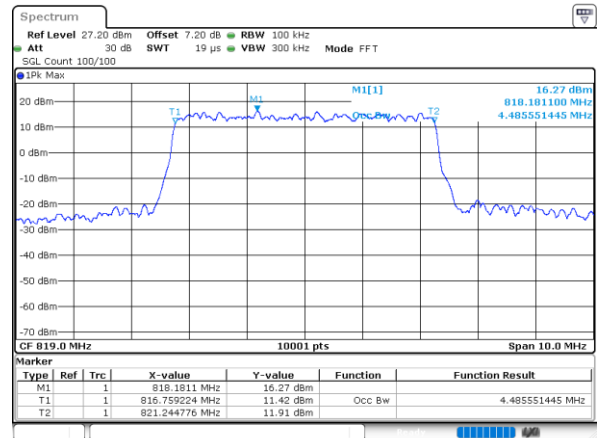


LTE Band 26

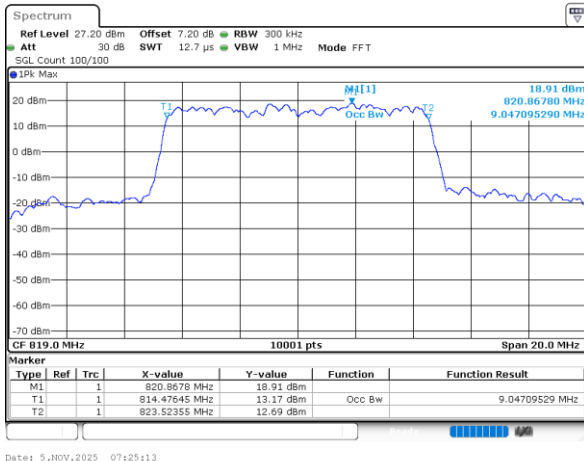
Middle Channel / 5MHz / QPSK



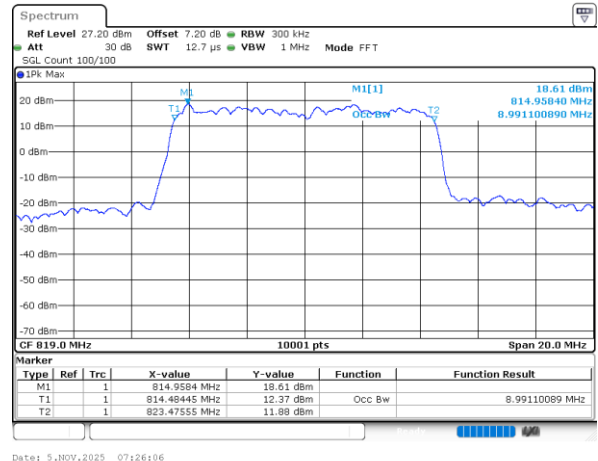
Middle Channel / 5MHz / 16QAM



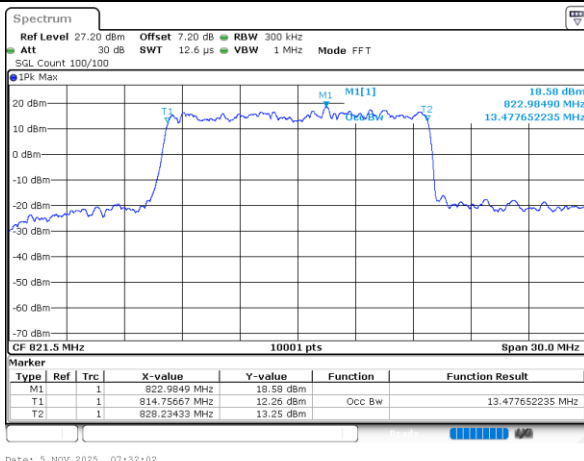
Middle Channel / 10MHz / QPSK



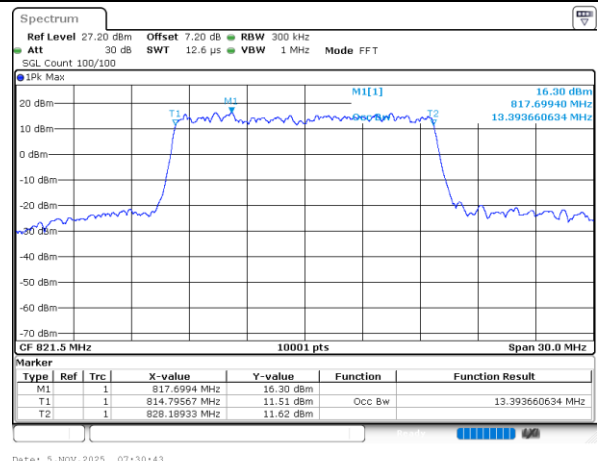
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK



Low Channel / 15MHz / 16QAM

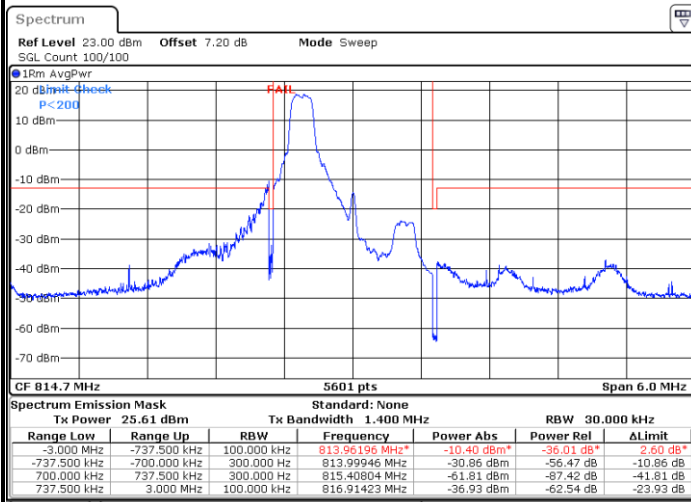




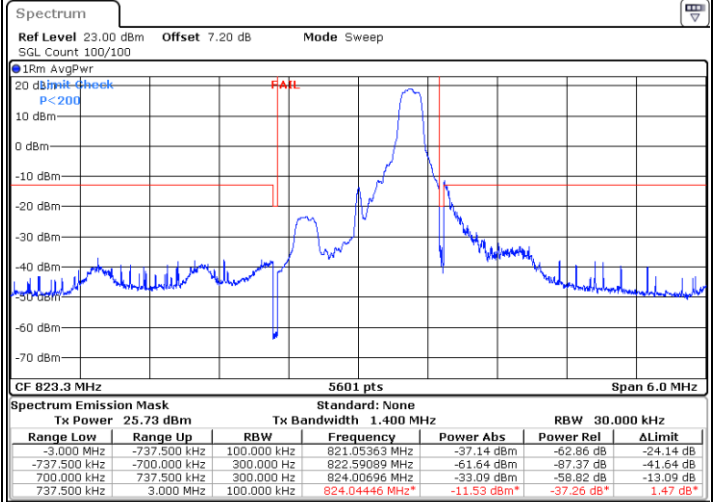
Emission masks – In-band emissions

LTE Band 26 / 1.4MHz / QPSK

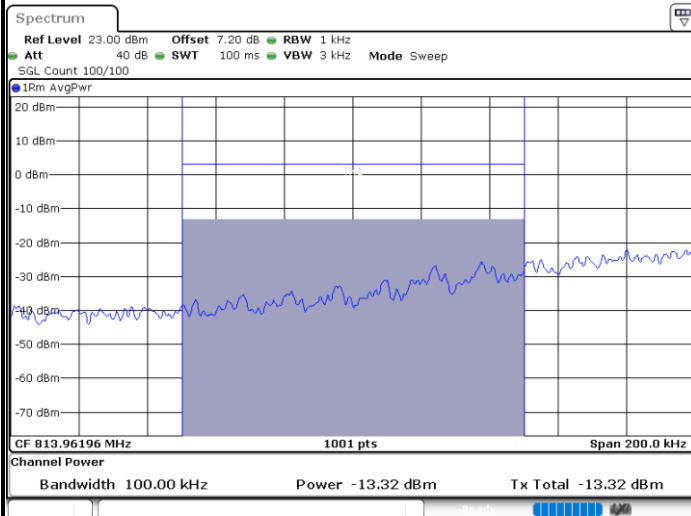
Lowest Channel / 1RB



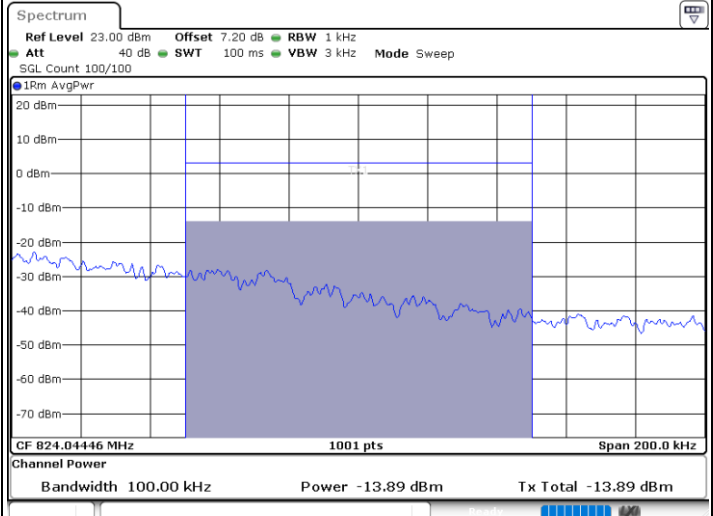
Highest Channel / 1RB



Channel power -13dBm > -13.32dBm Pass

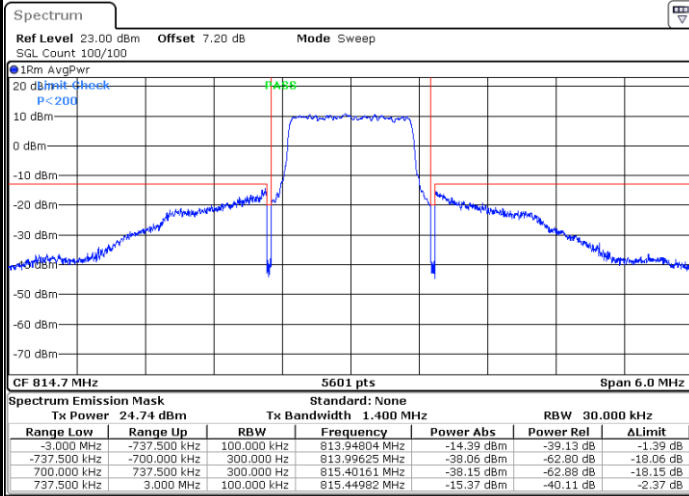


Channel power -13dBm > -13.89dBm Pass



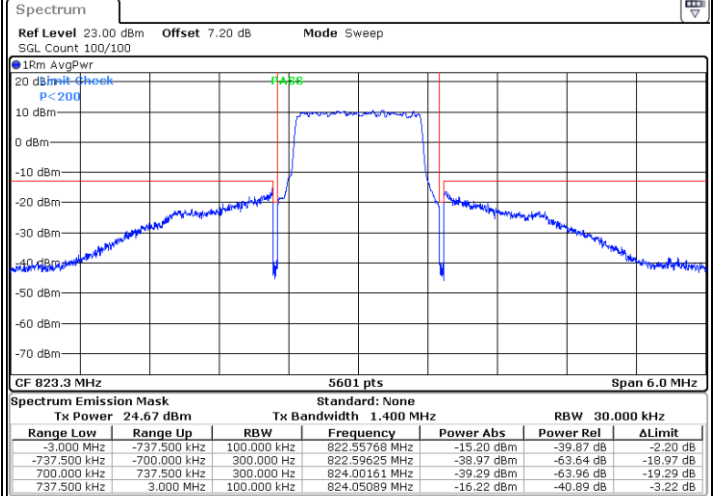


Lowest Channel / Full RB



Date: 5.NOV.2025 06:54:48

Highest Channel / Full RB

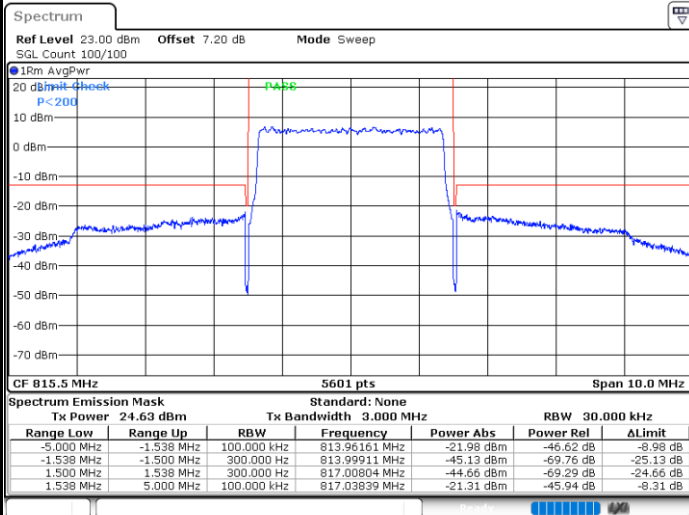


Date: 5.NOV.2025 06:57:07

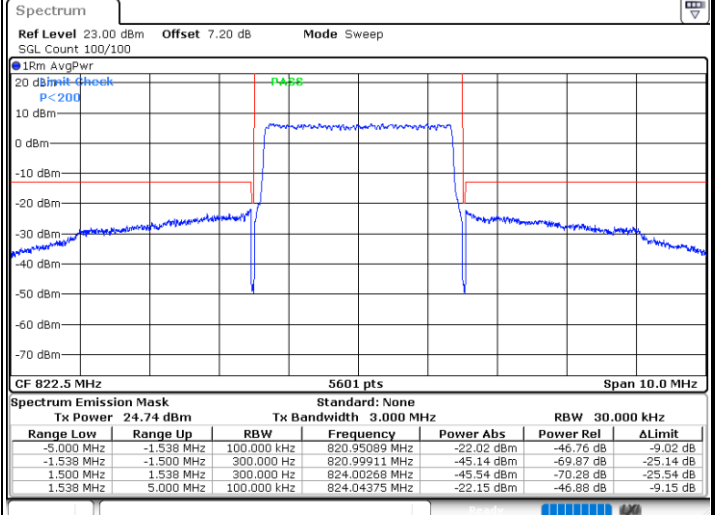


LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

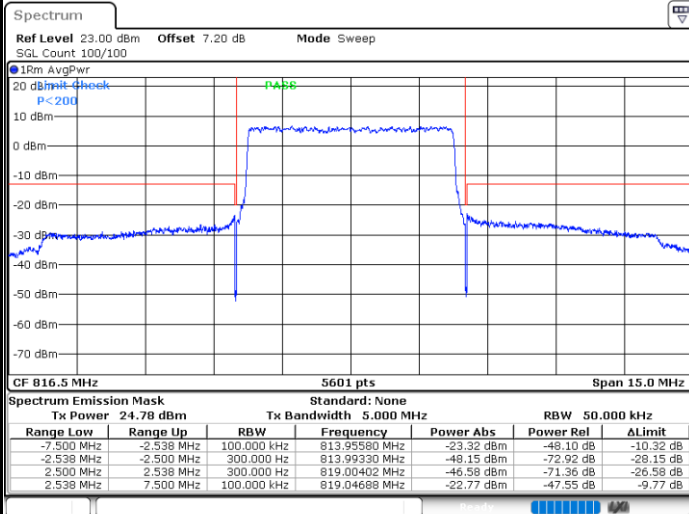


Highest Channel / Full RB

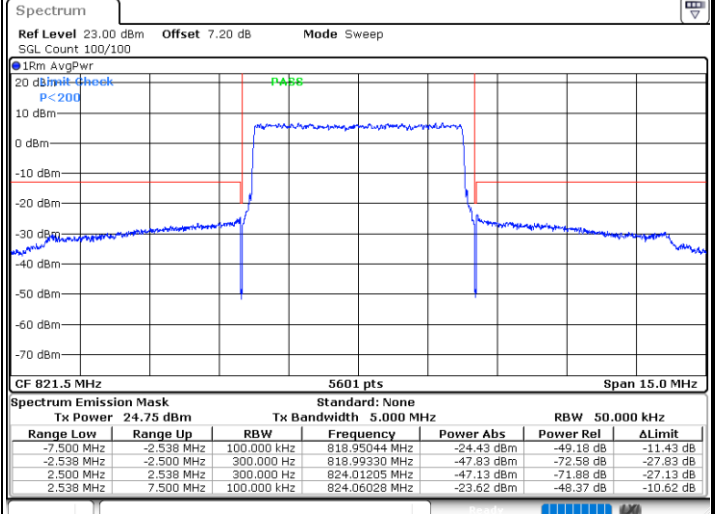


LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB



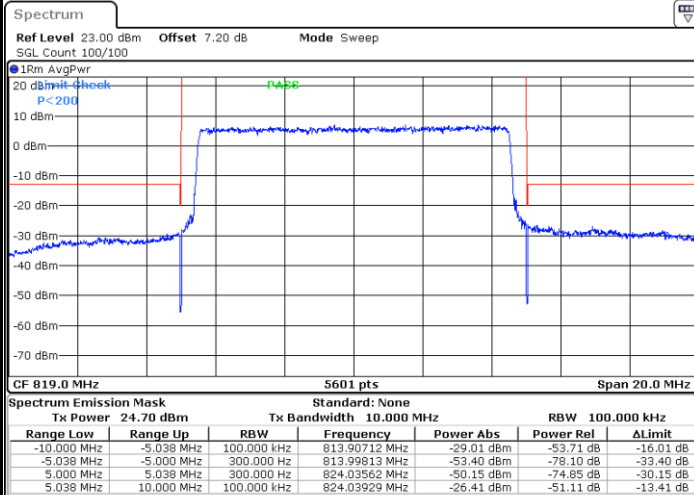
Highest Channel / Full RB





LTE Band 26 / 10MHz / QPSK

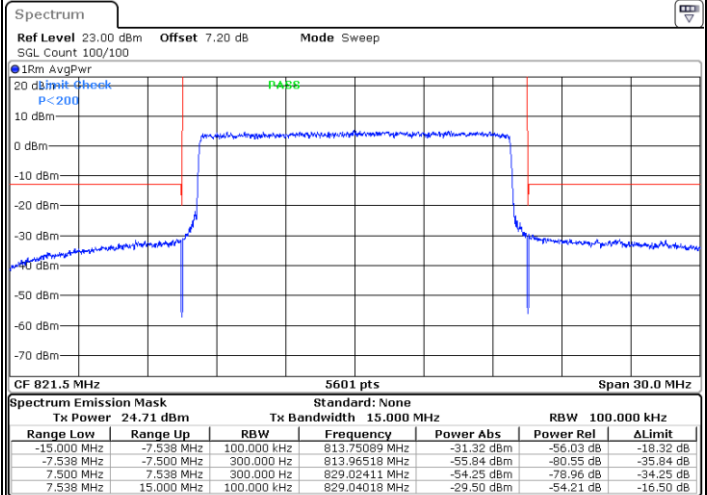
Middle Channel / Full RB



Date: 5.NOV.2025 07:03:03

LTE Band 26 / 15MHz / QPSK

Lowest Channel / Full RB



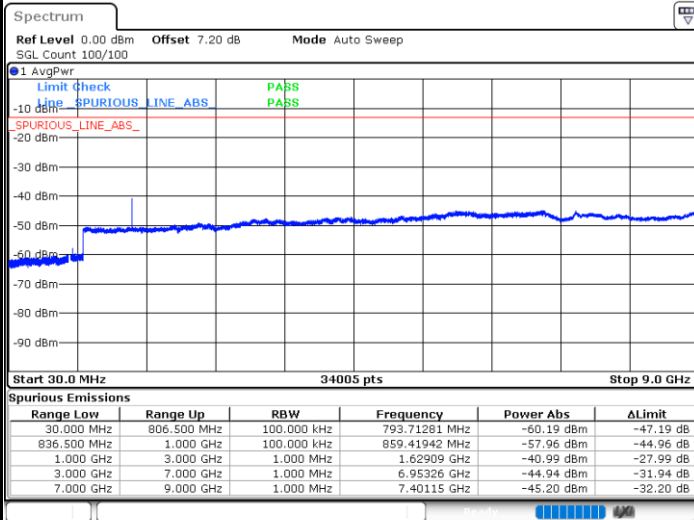
Date: 5.NOV.2025 07:04:16



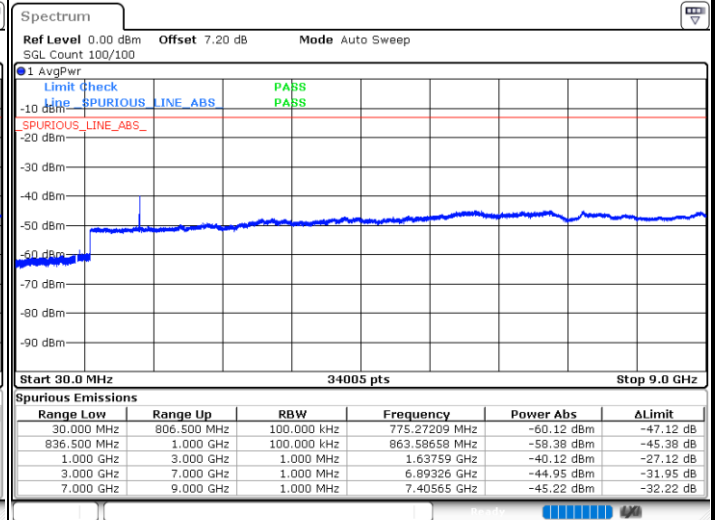
Emission masks – Out of band emissions

LTE Band 26 / 1.4MHz

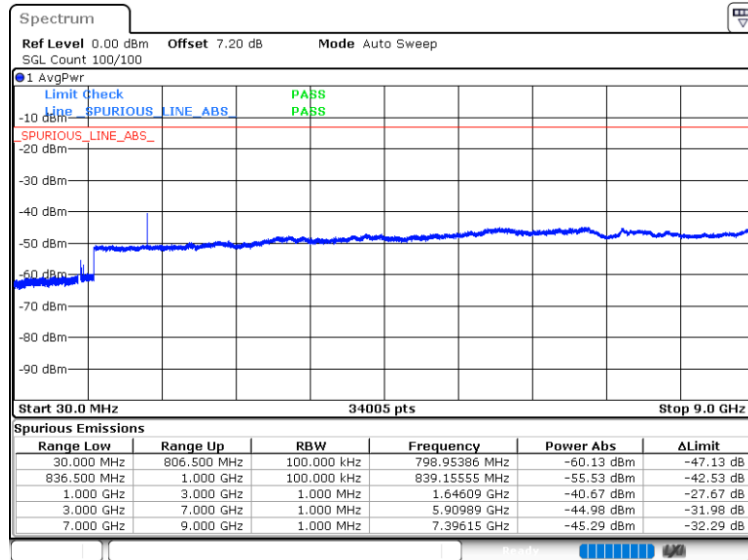
Lowest Channel / QPSK



Middle Channel / QPSK



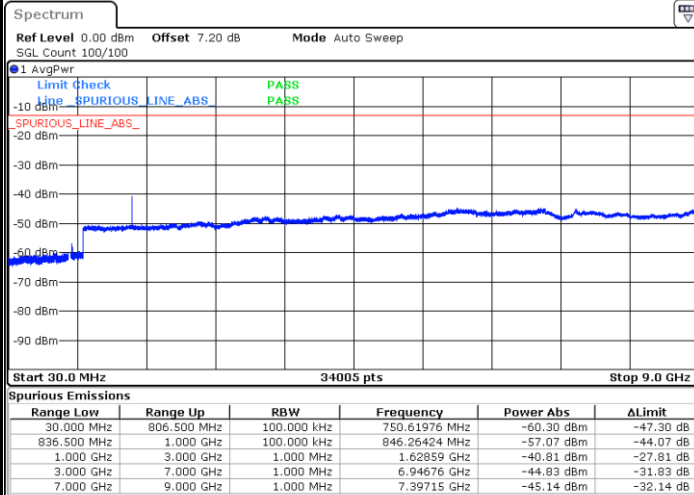
Highest Channel / QPSK





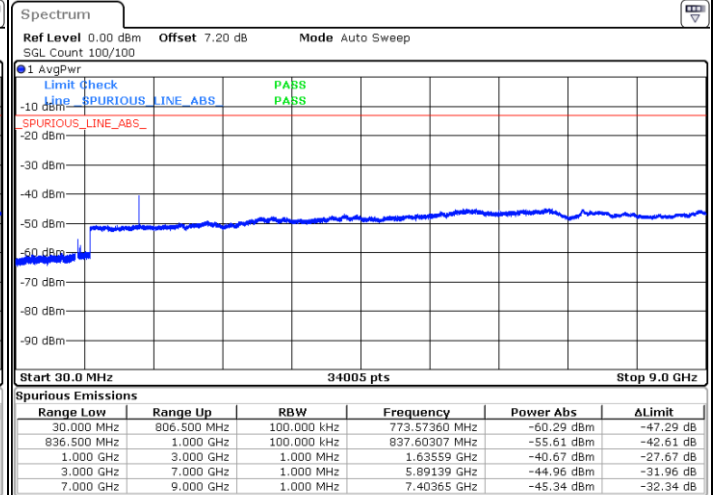
LTE Band 26 / 3MHz

Lowest Channel / QPSK



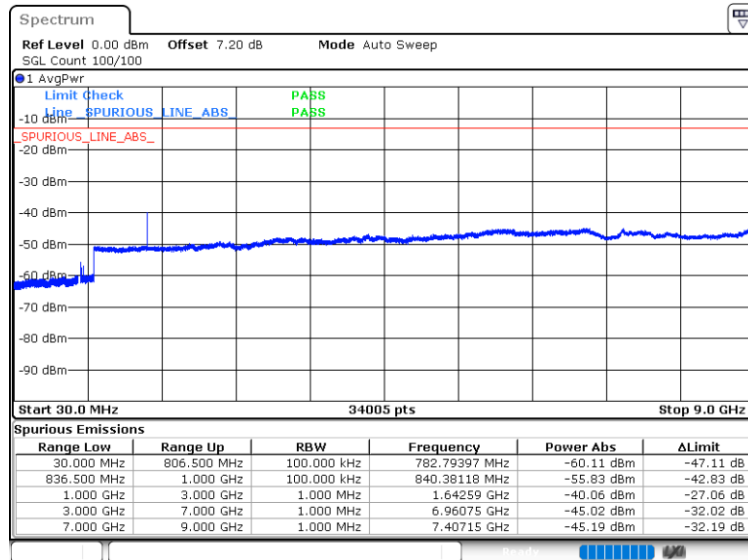
Date: 5.NOV.2025 07:05:46

Middle Channel / QPSK



Date: 5.NOV.2025 07:07:17

Highest Channel / QPSK

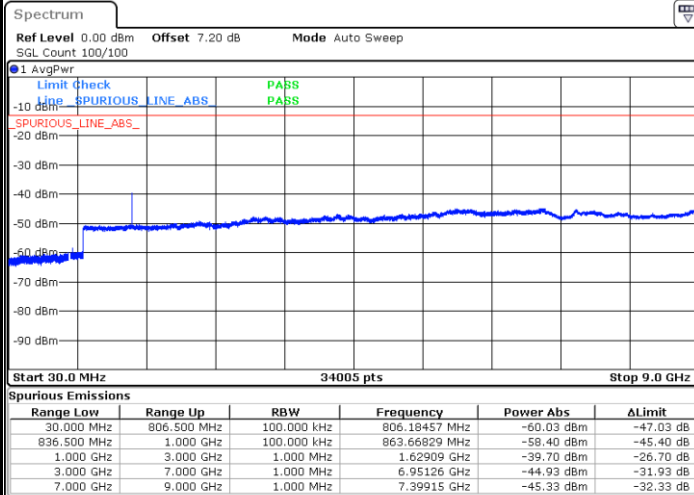


Date: 5.NOV.2025 07:08:50



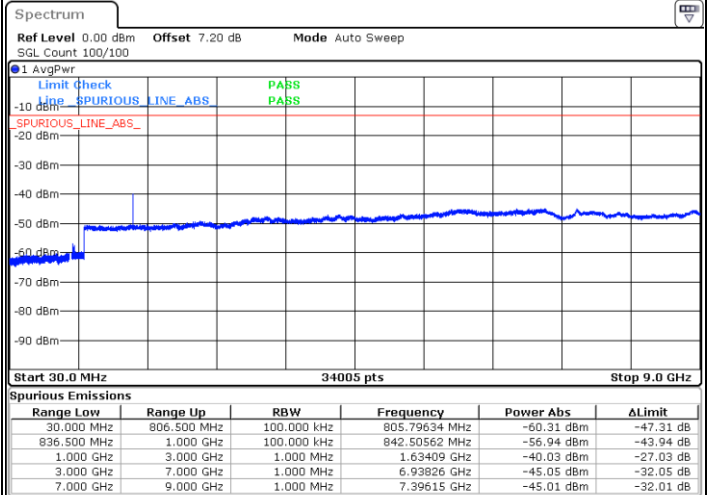
LTE Band 26 / 5MHz

Lowest Channel / QPSK



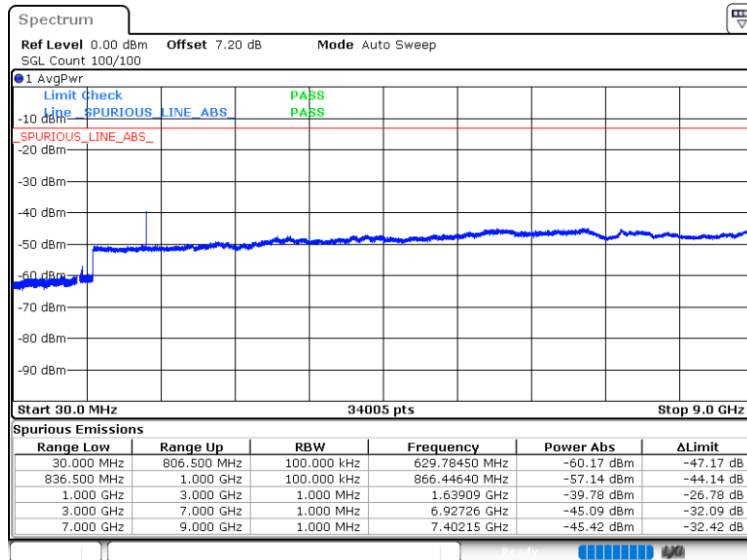
Date: 5.NOV.2025 07:10:30

Middle Channel / QPSK



Date: 5.NOV.2025 07:11:58

Highest Channel / QPSK

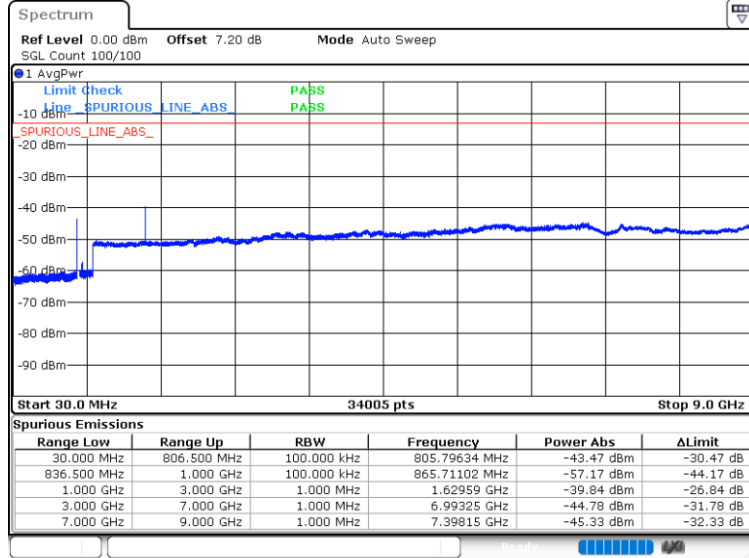


Date: 5.NOV.2025 07:13:29



LTE Band 26 / 10MHz

Middle Channel / QPSK

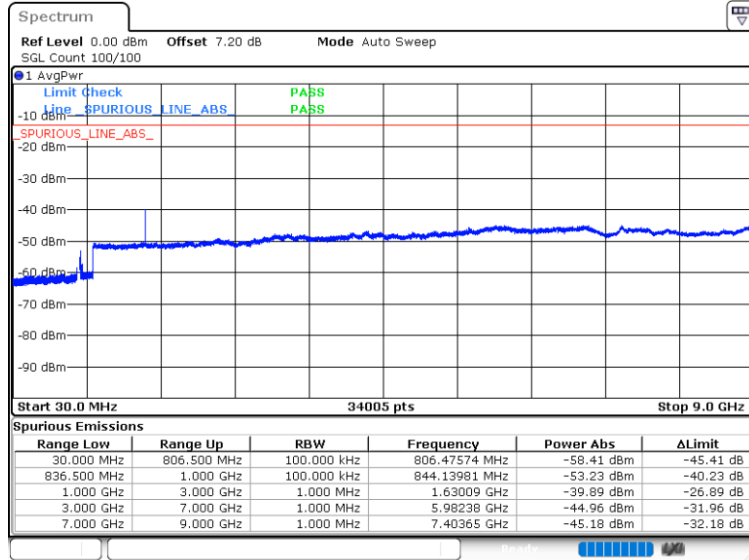


Date: 5.NOV.2025 07:14:57



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 5.NOV.2025 07:16:35

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	0.0199	PASS
40	Normal Voltage	0.0171	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0199	
0	Normal Voltage	0.0151	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0199	
20	Maximum Voltage	0.0150	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.05 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	0.0035	PASS
40	Normal Voltage	0.0185	
30	Normal Voltage	0.0119	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0150	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0017	

Note:

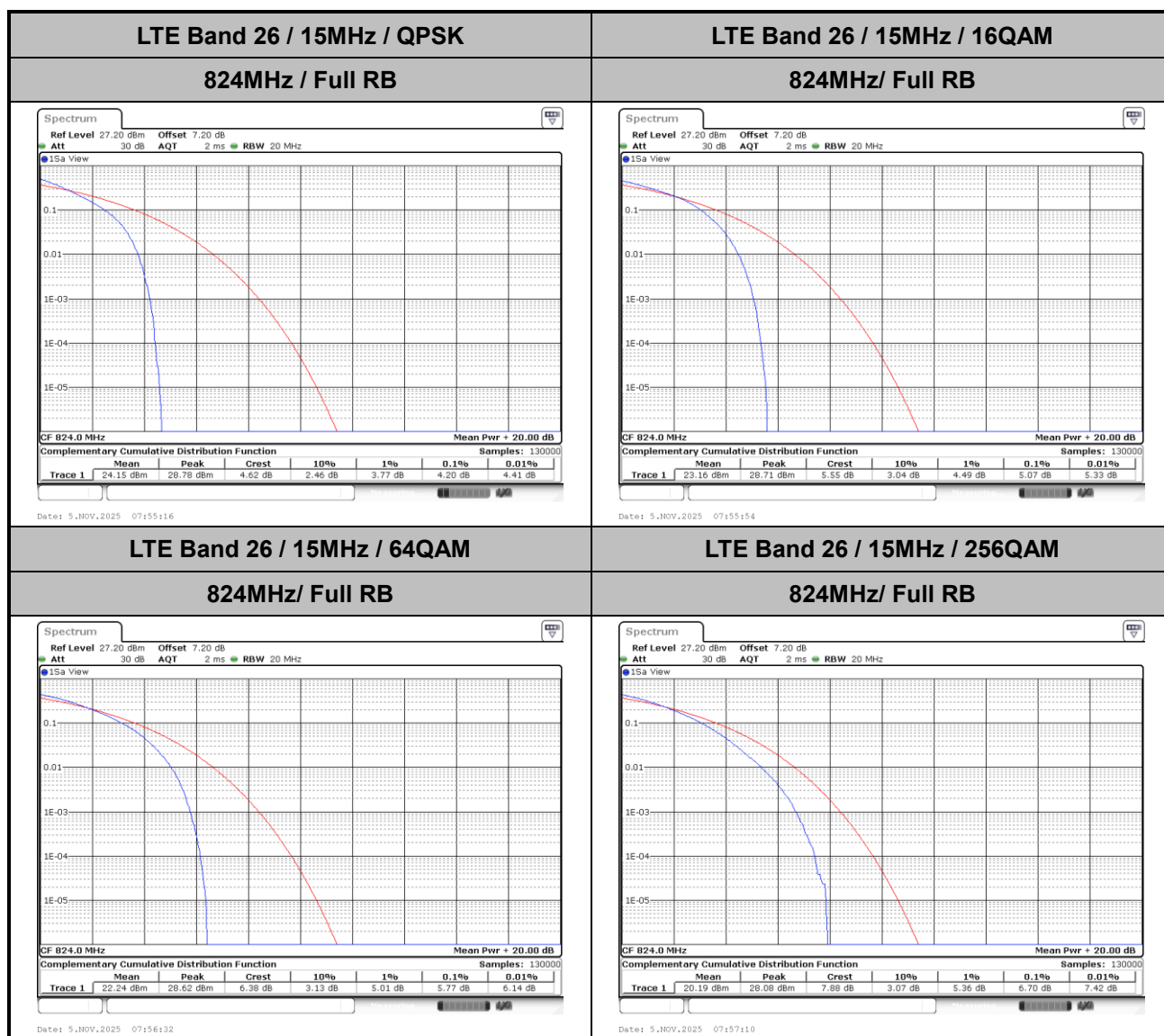
1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.05 V. ; Maximum Voltage = 4.4 V.



LTE Band 26_Part 90S(824MHz)

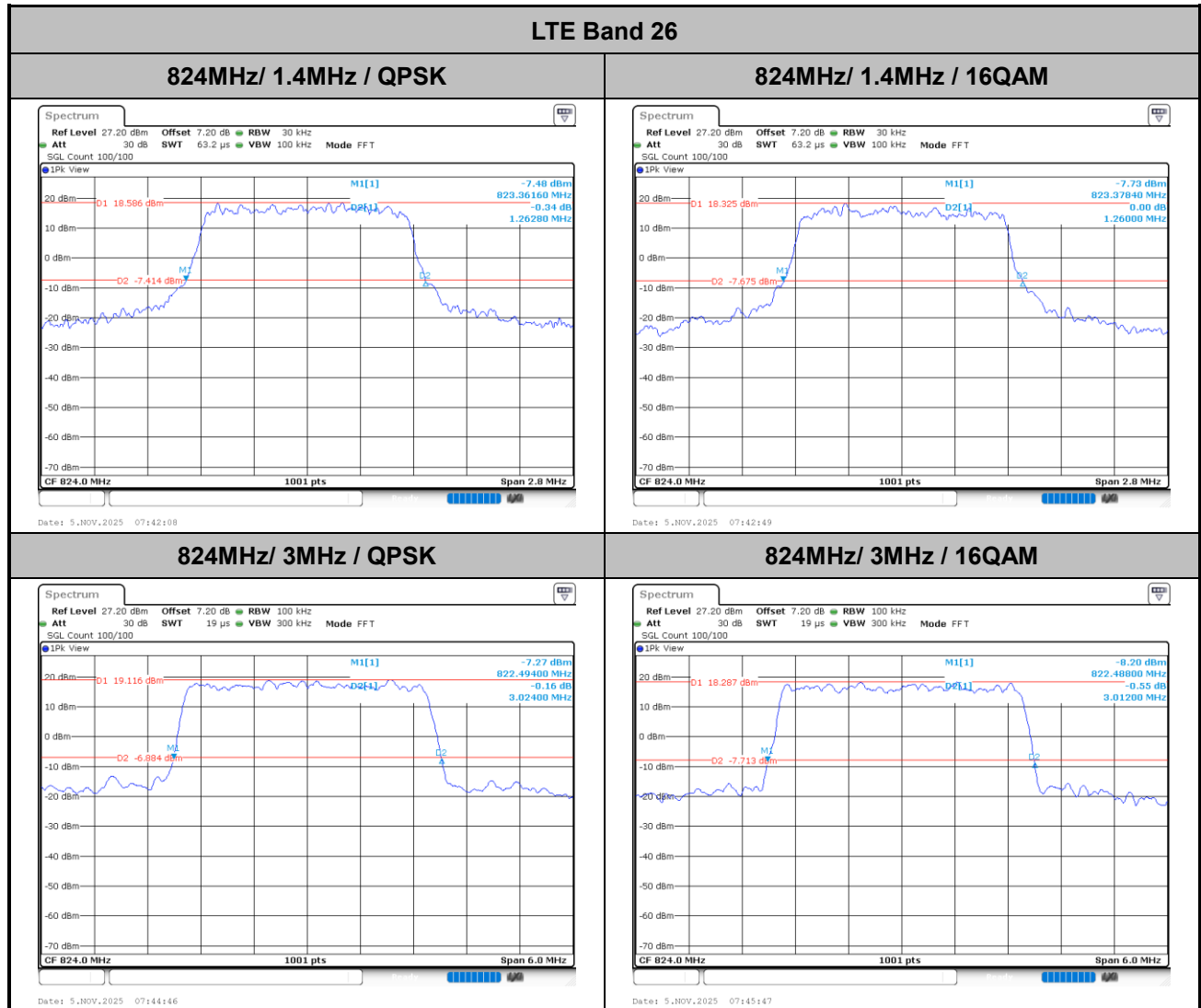
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824MHz	4.20	5.07	5.77	6.70	PASS



**26dB Bandwidth**

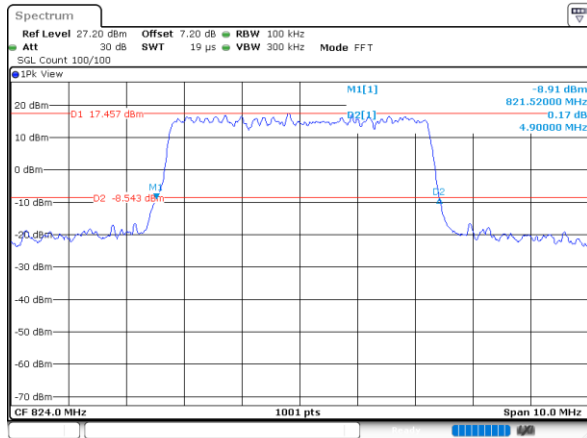
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	1.26	1.26	3.02	3.01	4.90	4.91	10.00	9.72	14.37	14.28	-	-



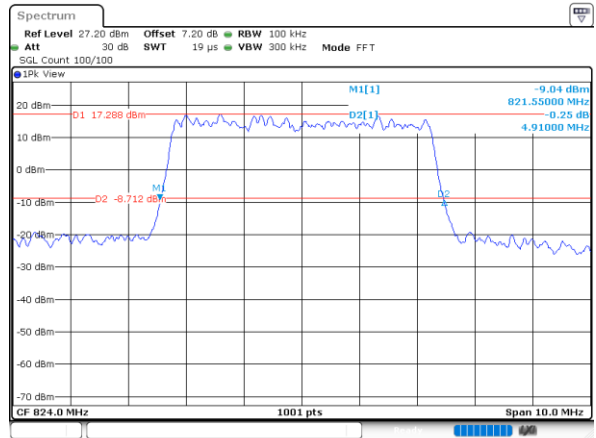


LTE Band 26

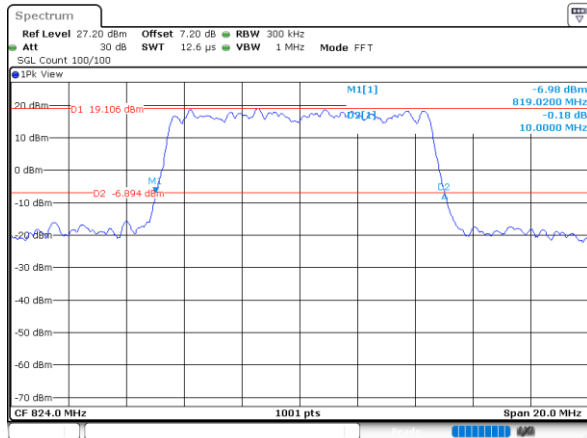
824MHz/ 5MHz / QPSK



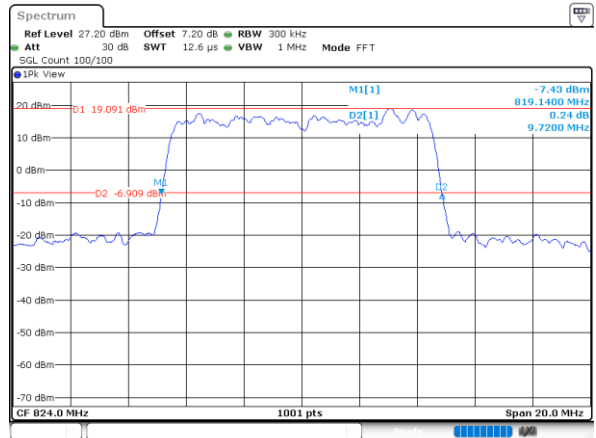
824MHz/ 5MHz / 16QAM



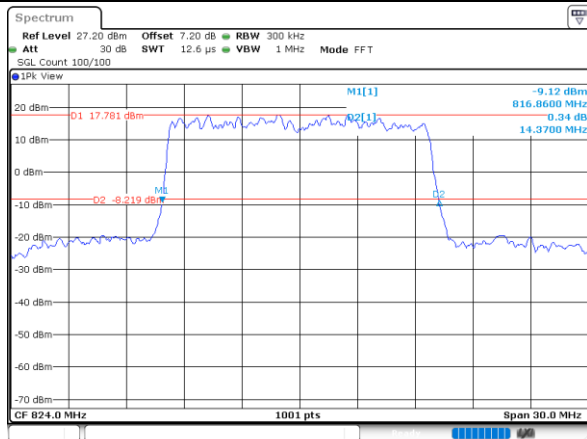
824MHz/ 10MHz / QPSK



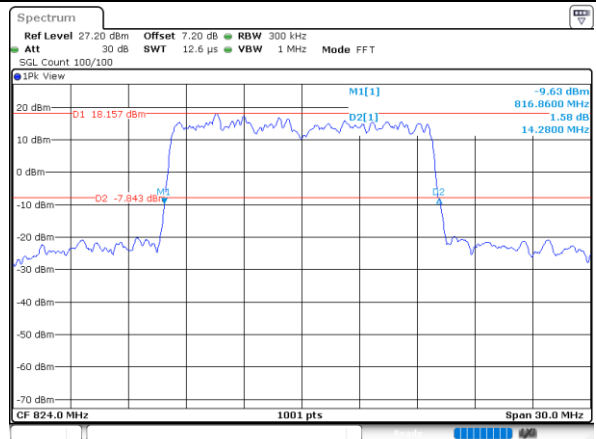
824MHz/ 10MHz / 16QAM



824MHz/ 15MHz / QPSK



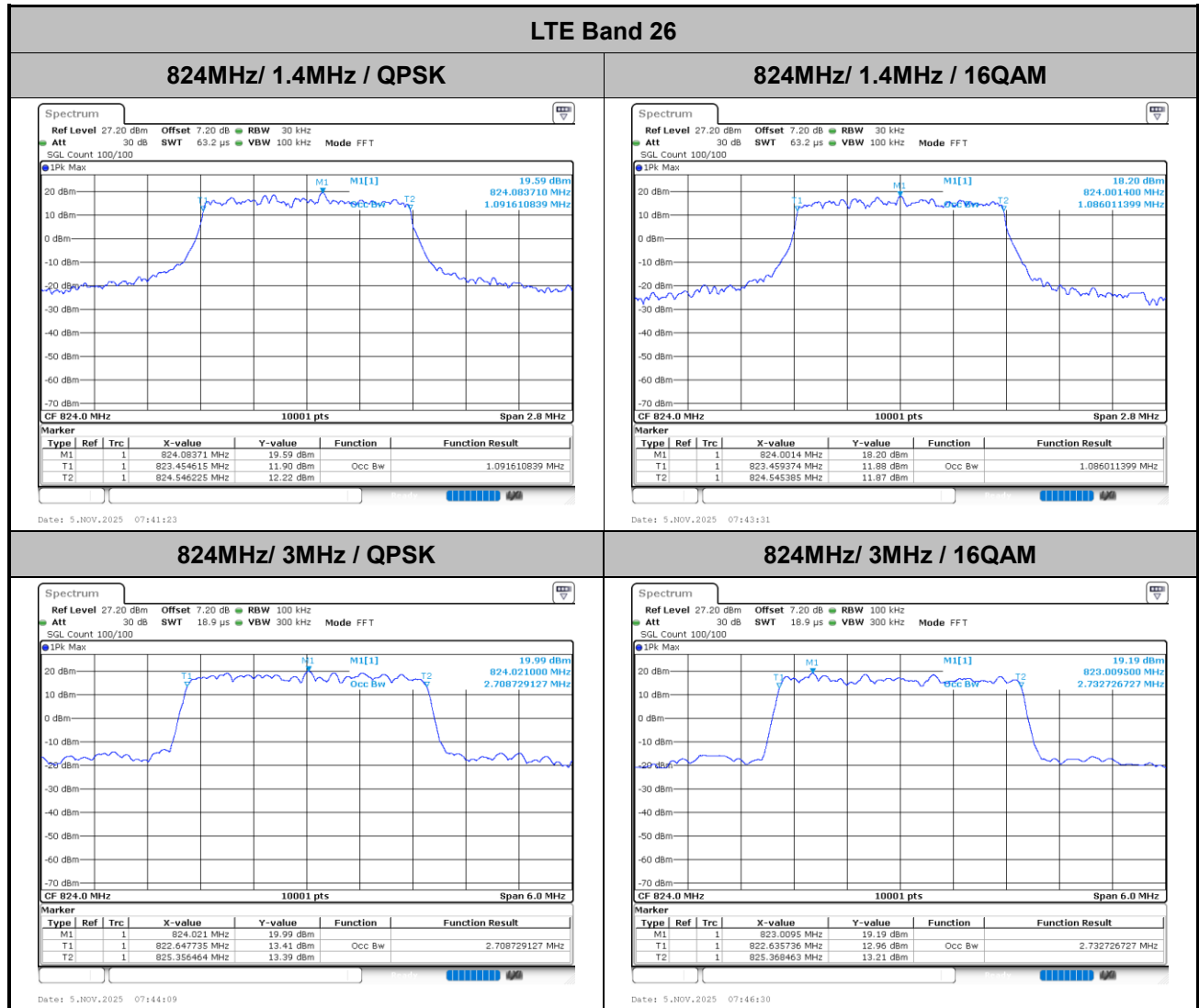
824MHz/ 15MHz / 16QAM





Occupied Bandwidth

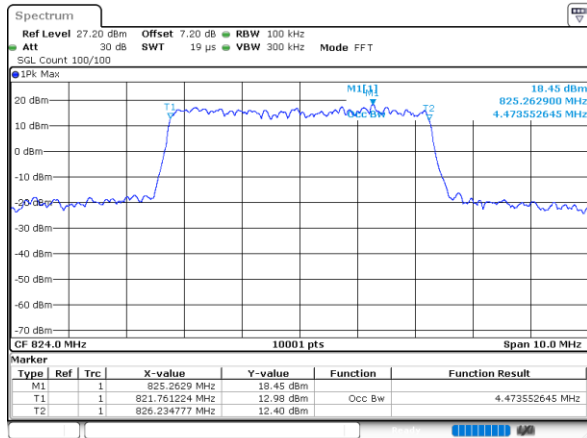
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	1.09	1.08	2.70	2.73	4.47	4.47	9.06	9.05	13.39	13.44	-	-



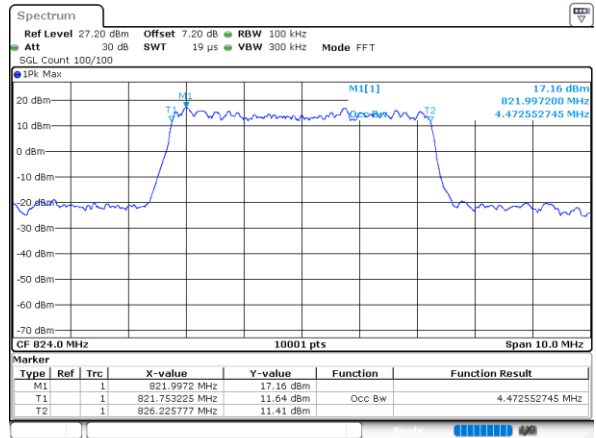


LTE Band 26

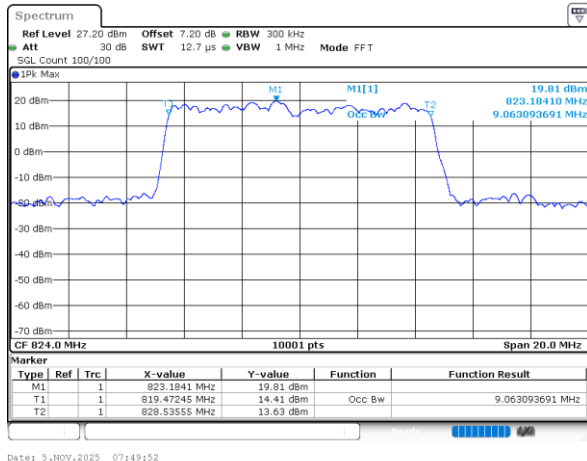
824MHz/ 5MHz / QPSK



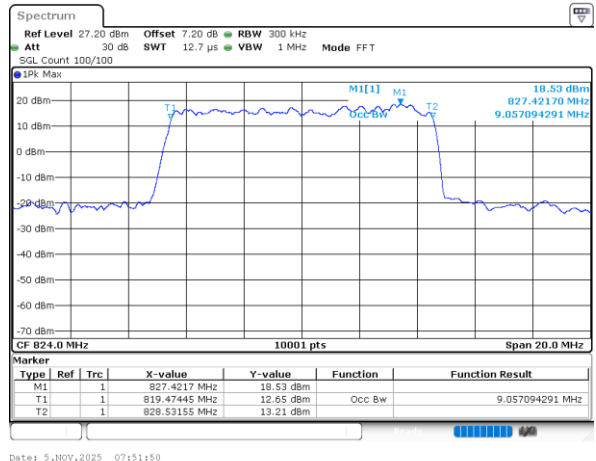
824MHz/ 5MHz / 16QAM



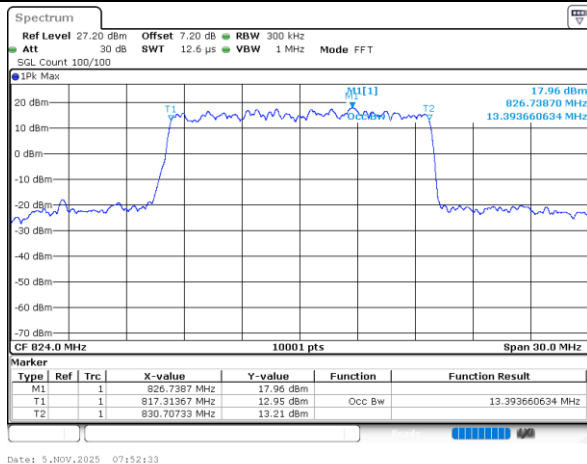
824MHz/ 10MHz / QPSK



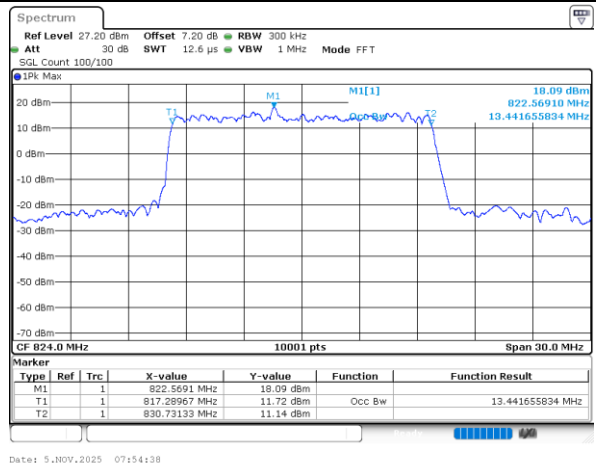
824MHz/ 10MHz / 16QAM



824MHz/ 15MHz / QPSK



824MHz/ 15MHz / 16QAM

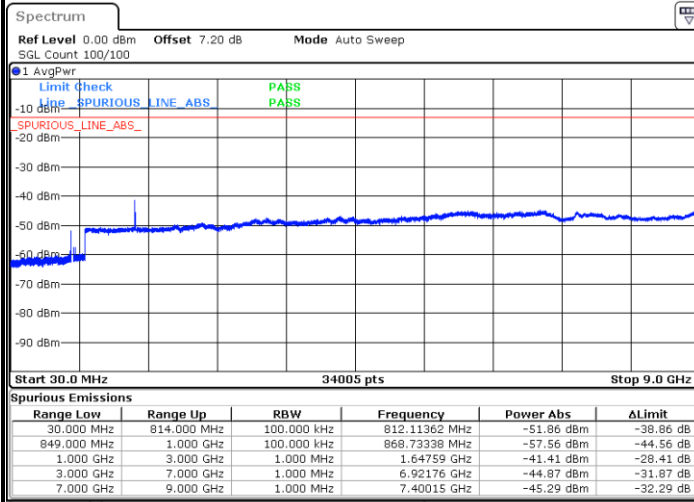




Conducted Spurious Emission

LTE Band 26 / 1.4MHz

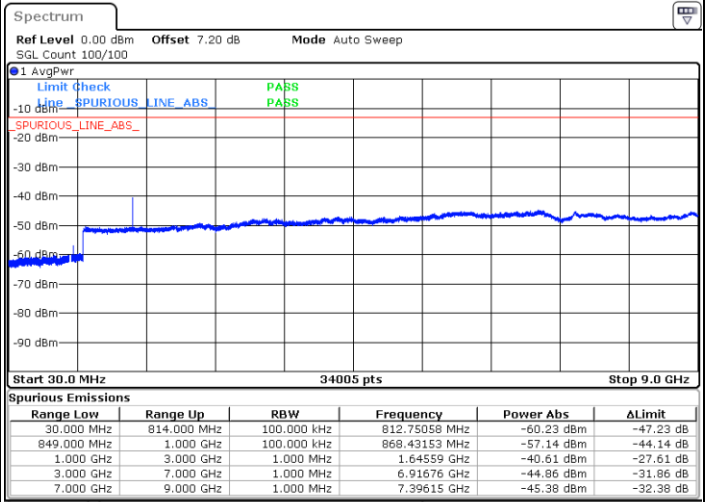
824MHz/ QPSK



Date: 5.NOV.2025 07:58:53

LTE Band 26 / 3MHz

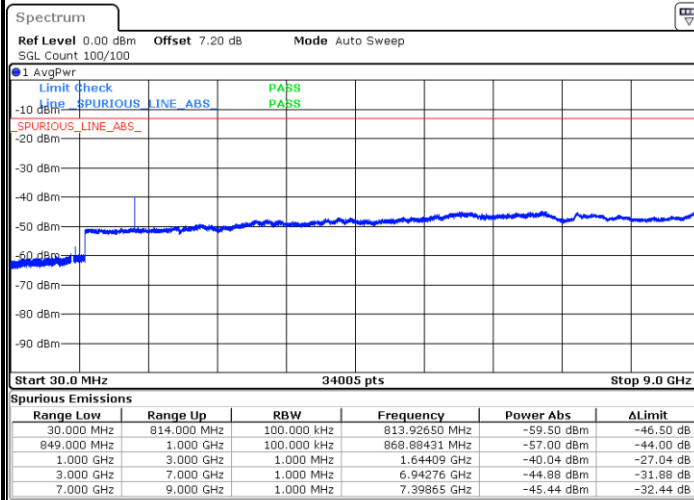
824MHz/ QPSK



Date: 5.NOV.2025 08:00:28

LTE Band 26 / 5MHz

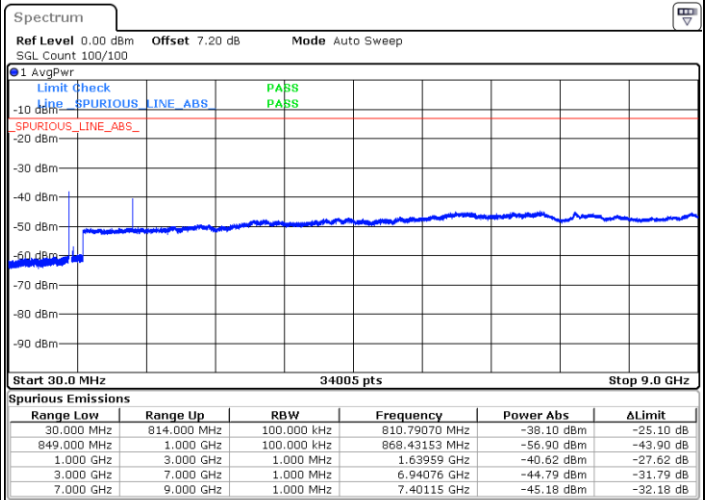
824MHz/ QPSK



Date: 5.NOV.2025 08:02:00

LTE Band 26 / 10MHz

824MHz/ QPSK



Date: 5.NOV.2025 08:03:31

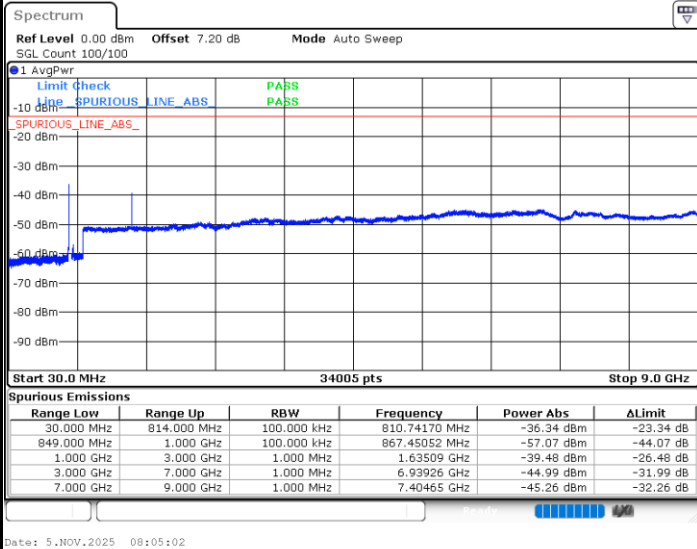


LTE Band 26 / 15MHz

N/A

824MHz/ QPSK

N/A



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / 824MHzannel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0070	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0070	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0129	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0069	

Note:

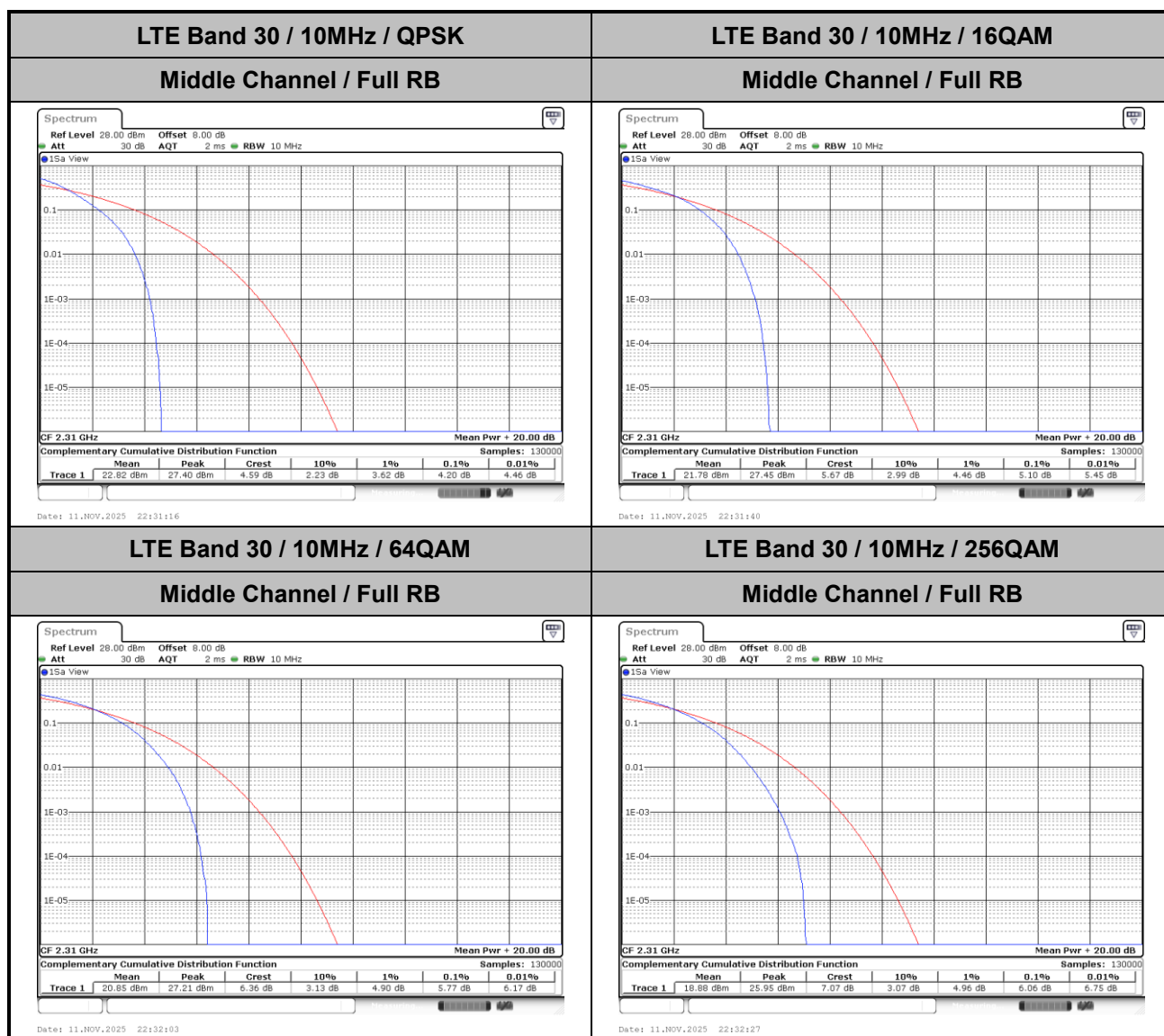
1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.05 V. ; Maximum Voltage = 4.4 V.



LTE Band 30

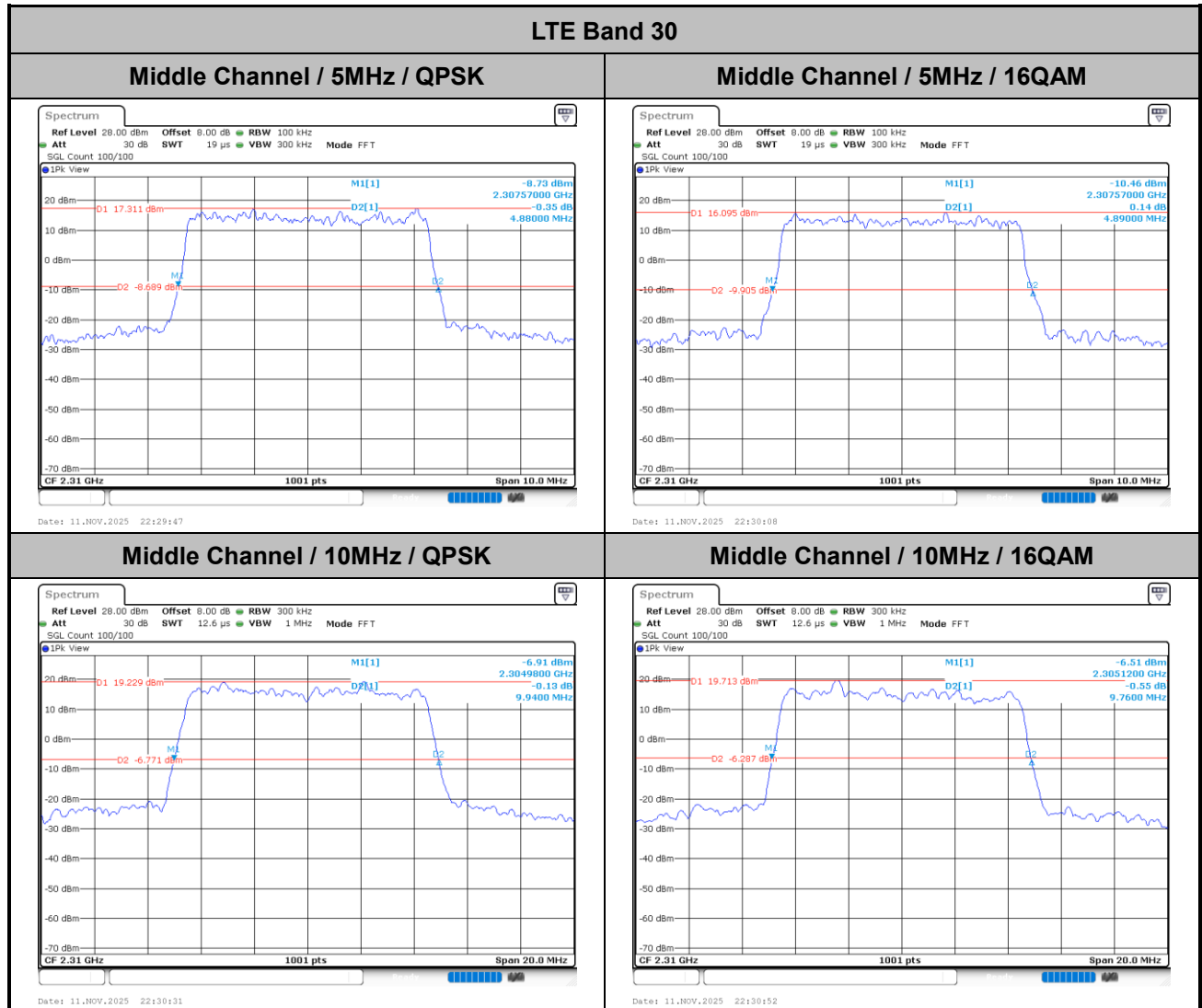
Peak-to-Average Ratio

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	4.20	5.10	5.77	6.06	PASS



**26dB Bandwidth**

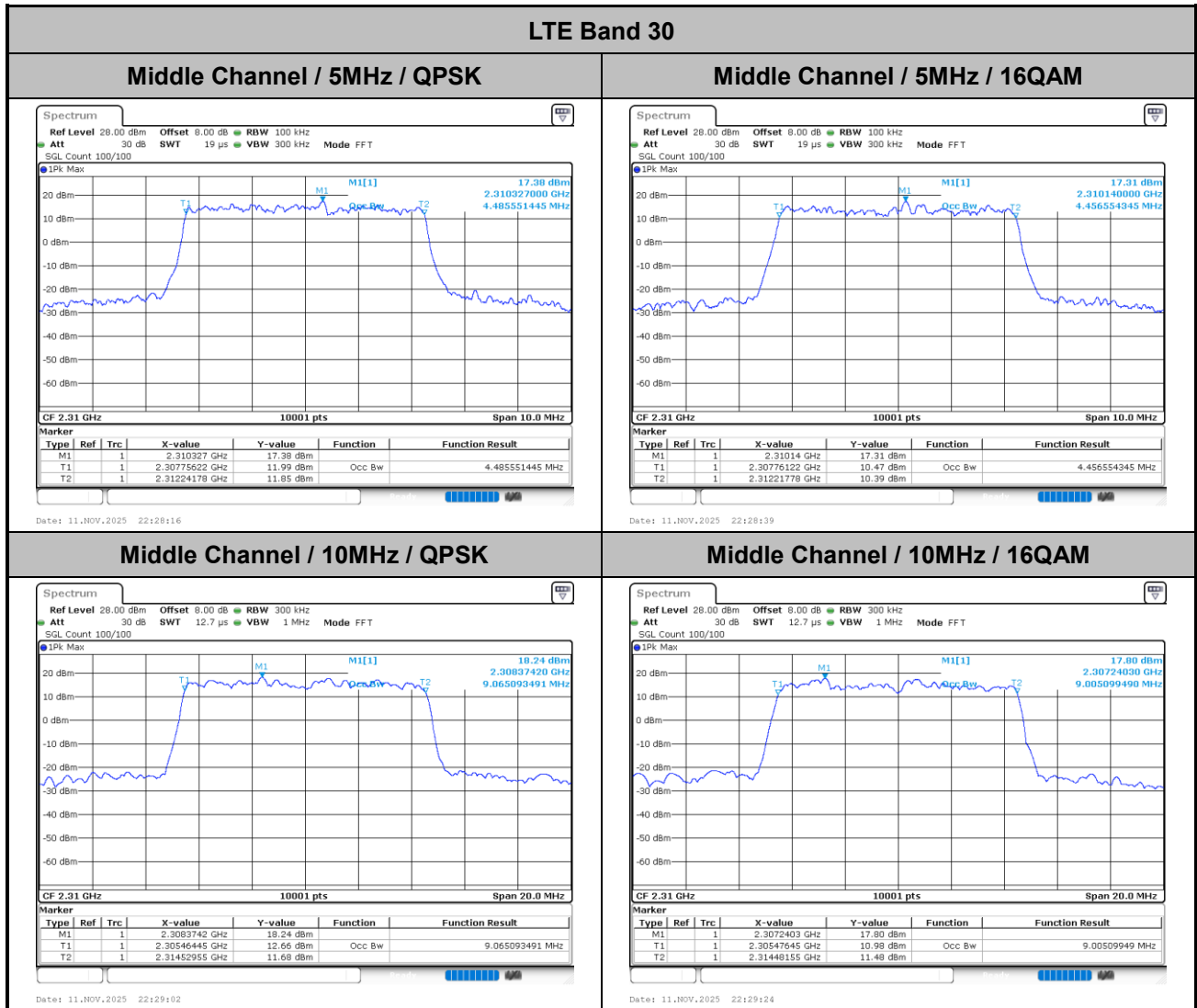
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.88	4.89	9.94	9.76	-	-	-	-





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	4.45	9.06	9.00	-	-	-	-

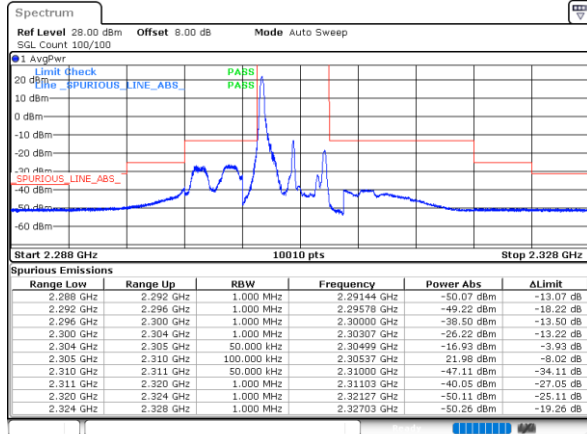




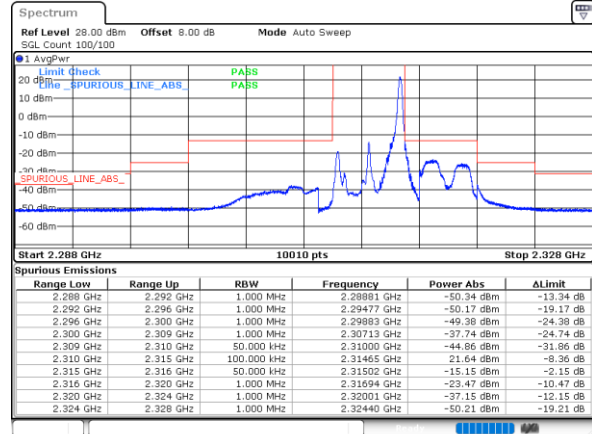
Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

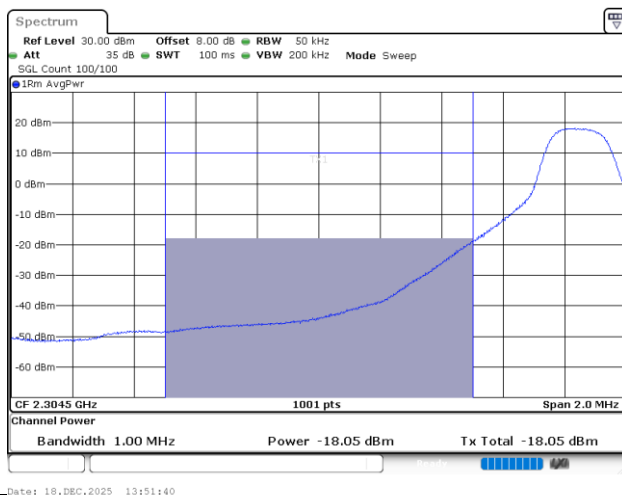
Lowest Band Edge / 1 RB



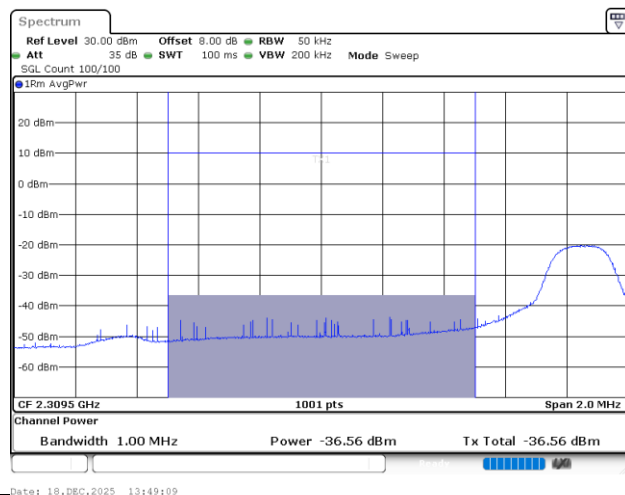
Highest Band Edge / 1 RB



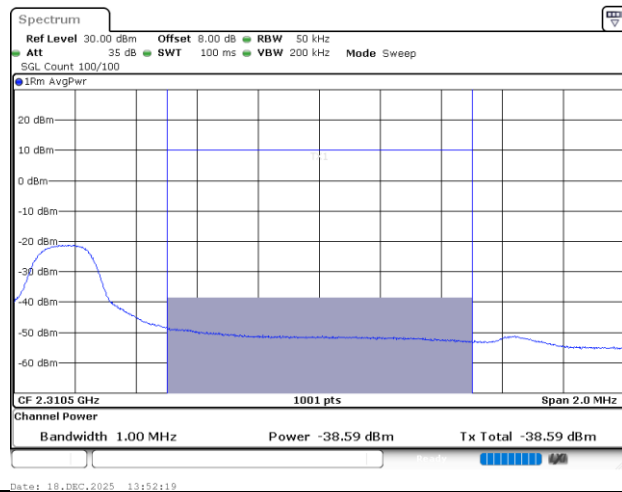
Lowest Band Edge / 1 RB / Lower zoom in



Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



Highest Band Edge / 1 RB / Upper zoom in

