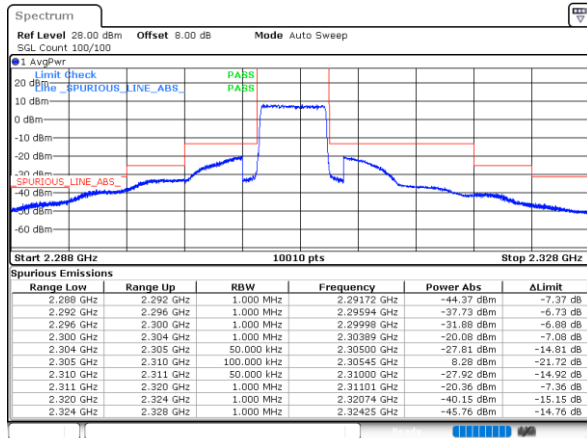


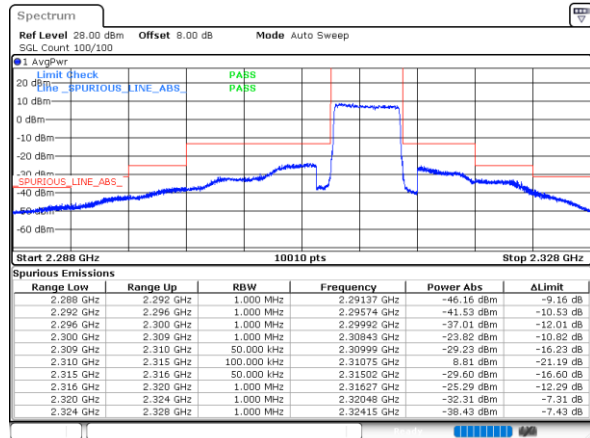


LTE Band 30 / 5MHz / QPSK

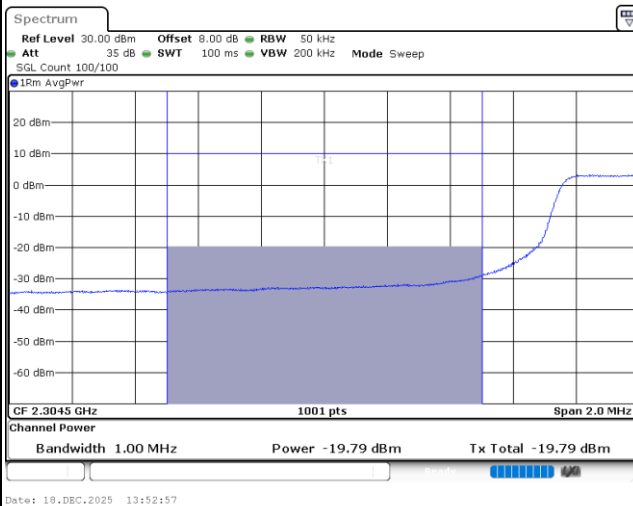
Lowest Band Edge / Full RB



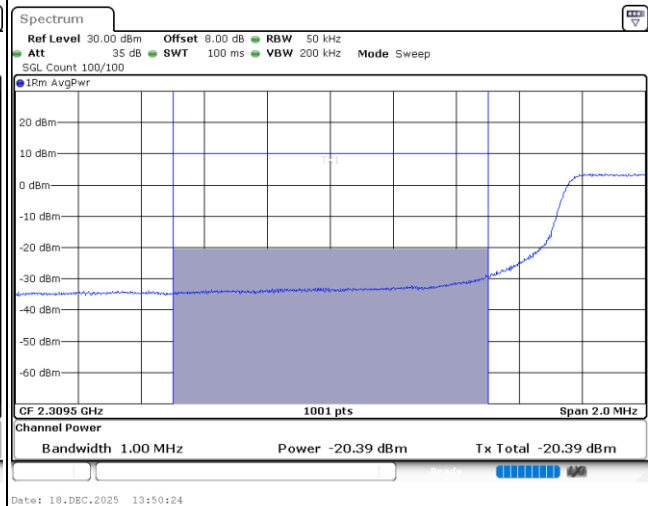
Highest Band Edge / Full RB



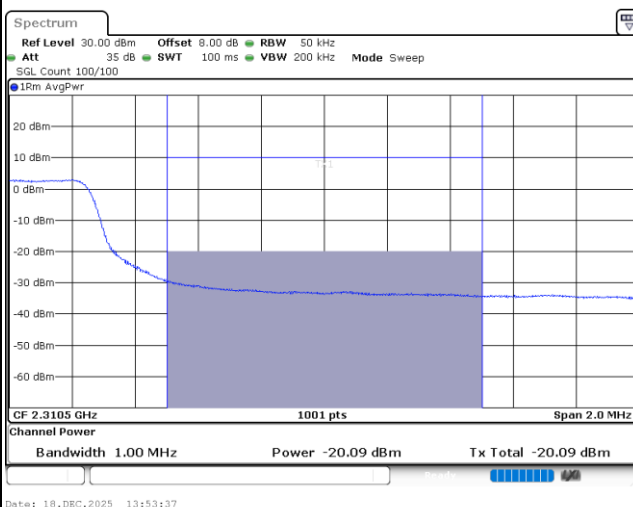
Lowest Band Edge / Full RB / Lower zoom in



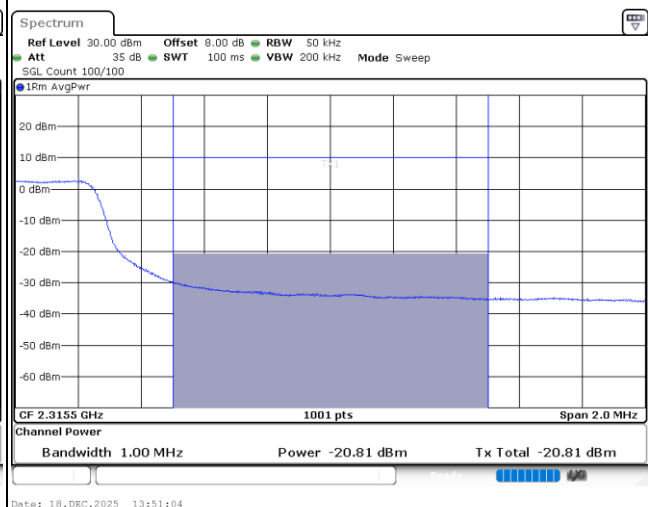
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



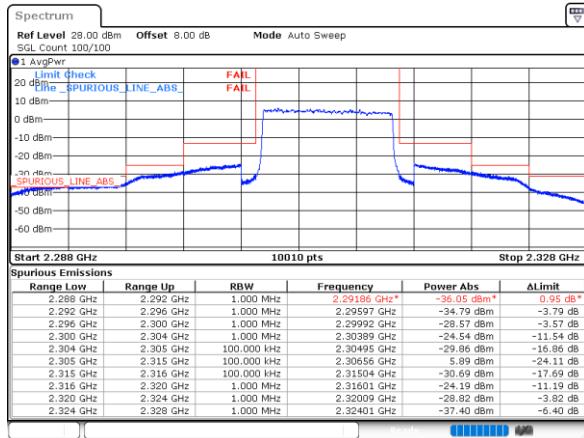
Highest Band Edge / Full RB / Upper zoom in





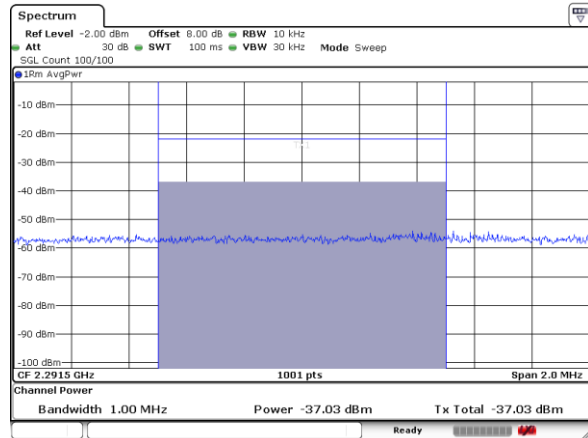
LTE Band 30 / 10MHz / QPSK

Middle Band Edge / Full RB



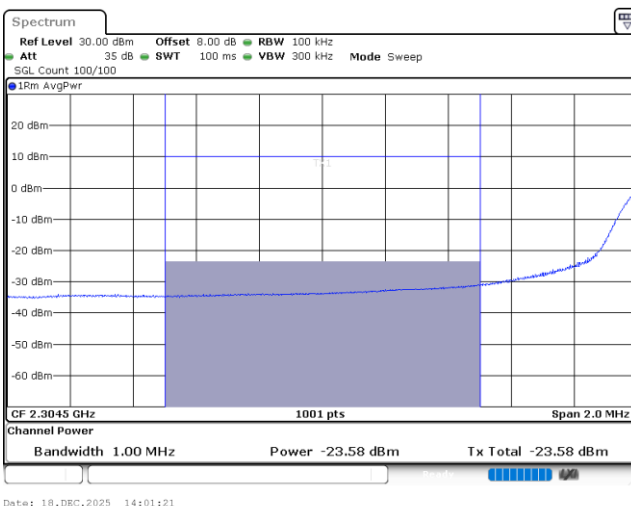
Date: 11.NOV.2025 22:40:20

Channel power -36dBm > -37.03dBm Pass



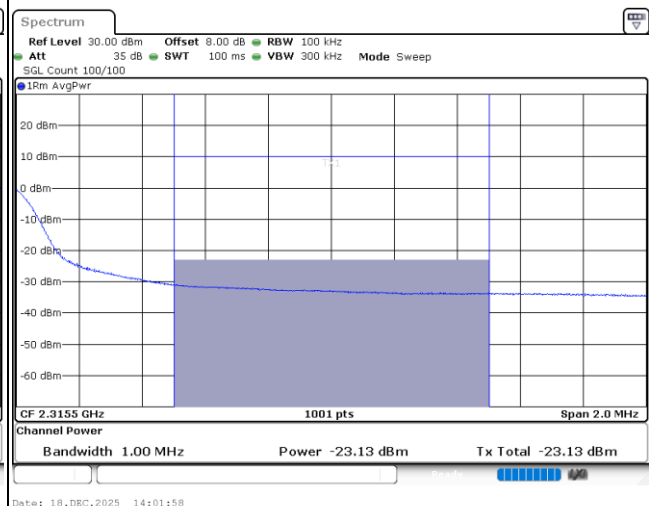
Date: 12.NOV.2025 01:06:59

Middle Band Edge / Full RB / Lower zoom in



Date: 18.DEC.2025 14:01:21

Middle Band Edge / Full RB / Upper zoom in



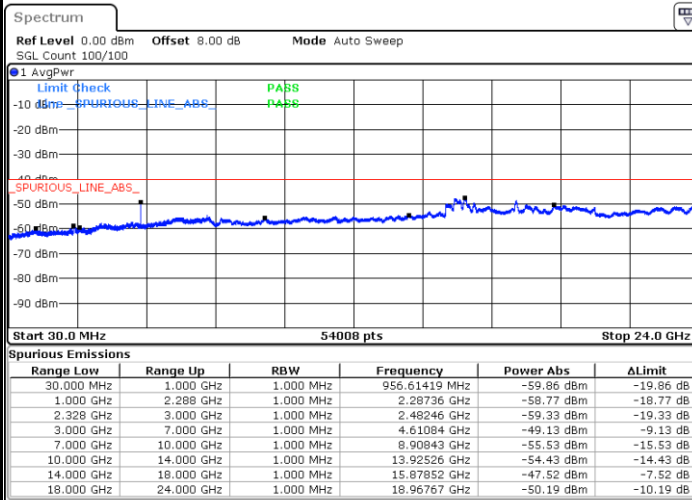
Date: 18.DEC.2025 14:01:58



Conducted Spurious Emission

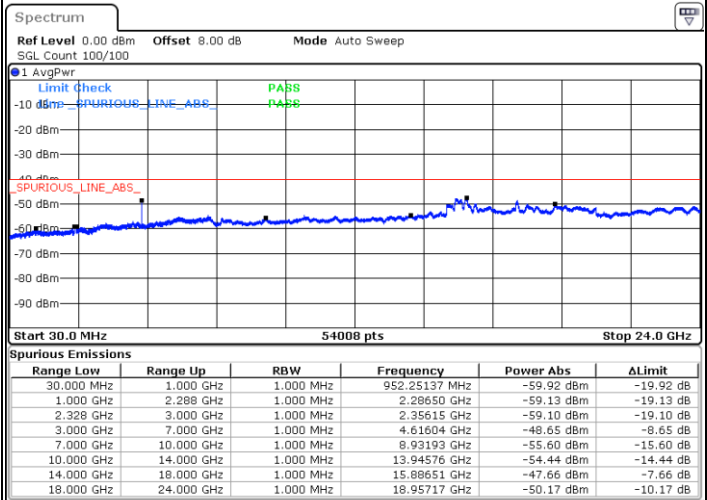
LTE Band 30 / 5MHz

Lowest Channel / QPSK



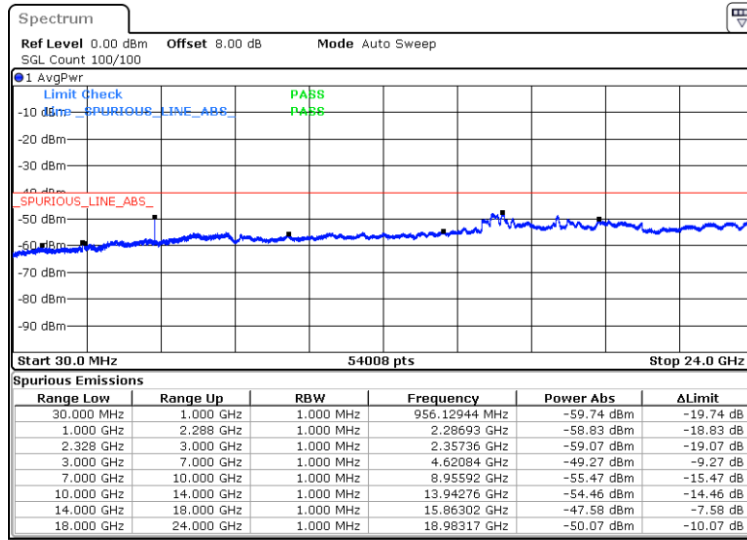
Date: 11.NOV.2025 22:57:47

Middle Channel / QPSK



Date: 11.NOV.2025 23:00:15

Highest Channel / QPSK

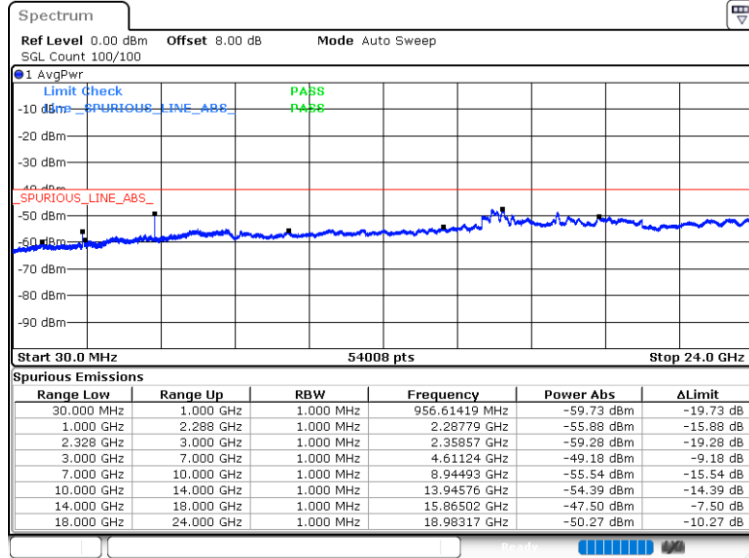


Date: 11.NOV.2025 22:59:01



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 11.NOV.2025 23:01:29

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0004	1	Yes	PASS
40	Normal Voltage	0.0029	-6.6	Yes	
30	Normal Voltage	0.0030	-7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0004	1	Yes	
0	Normal Voltage	0.0030	-7	Yes	
-10	Normal Voltage	0.0005	1.1	Yes	
-20	Normal Voltage	0.0018	4.2	Yes	
-30	Normal Voltage	0.0013	3.1	Yes	
20	Maximum Voltage	0.0018	4.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0023	5.2	Yes	

Note:

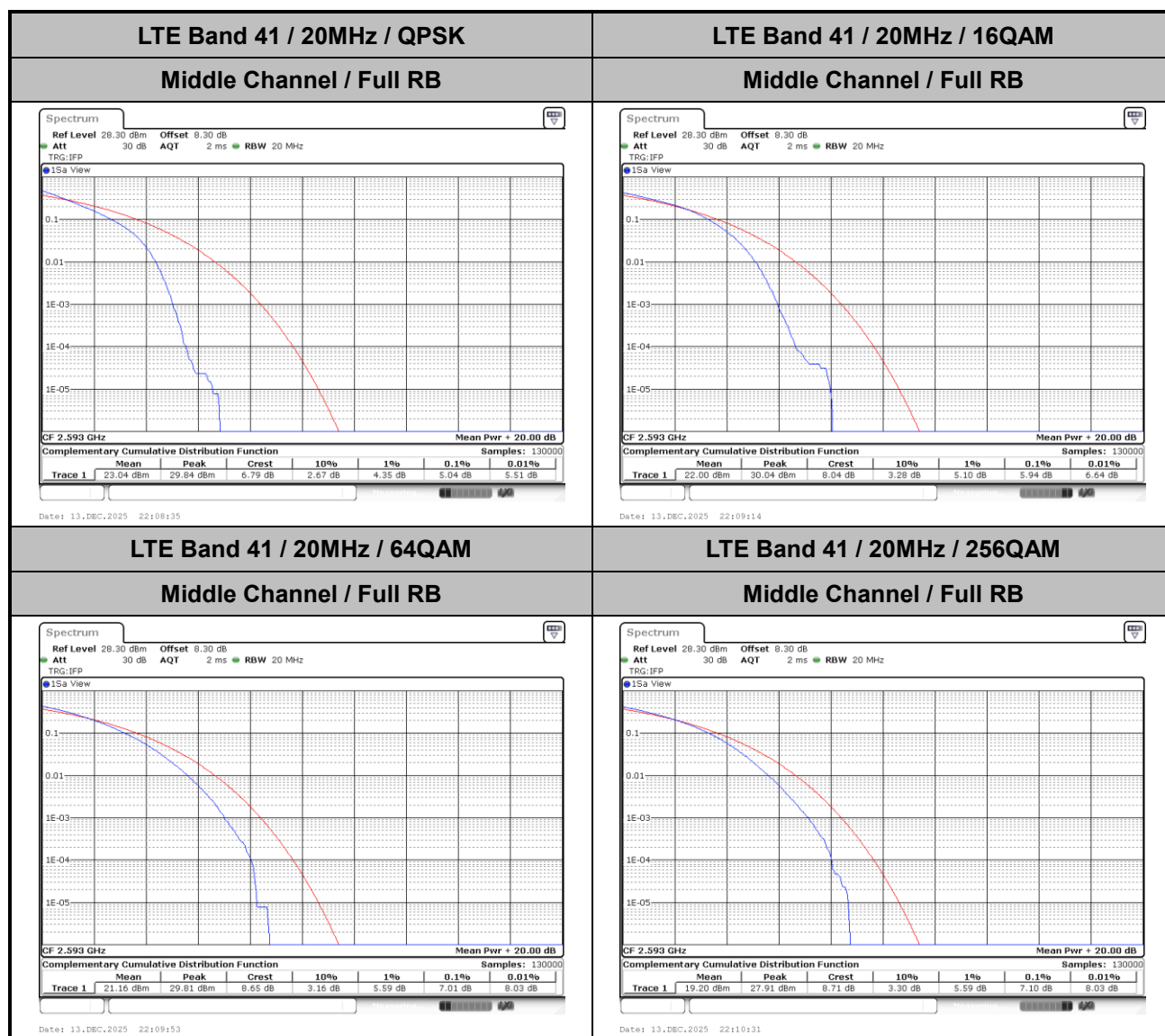
1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.05 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency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



LTE Band 41

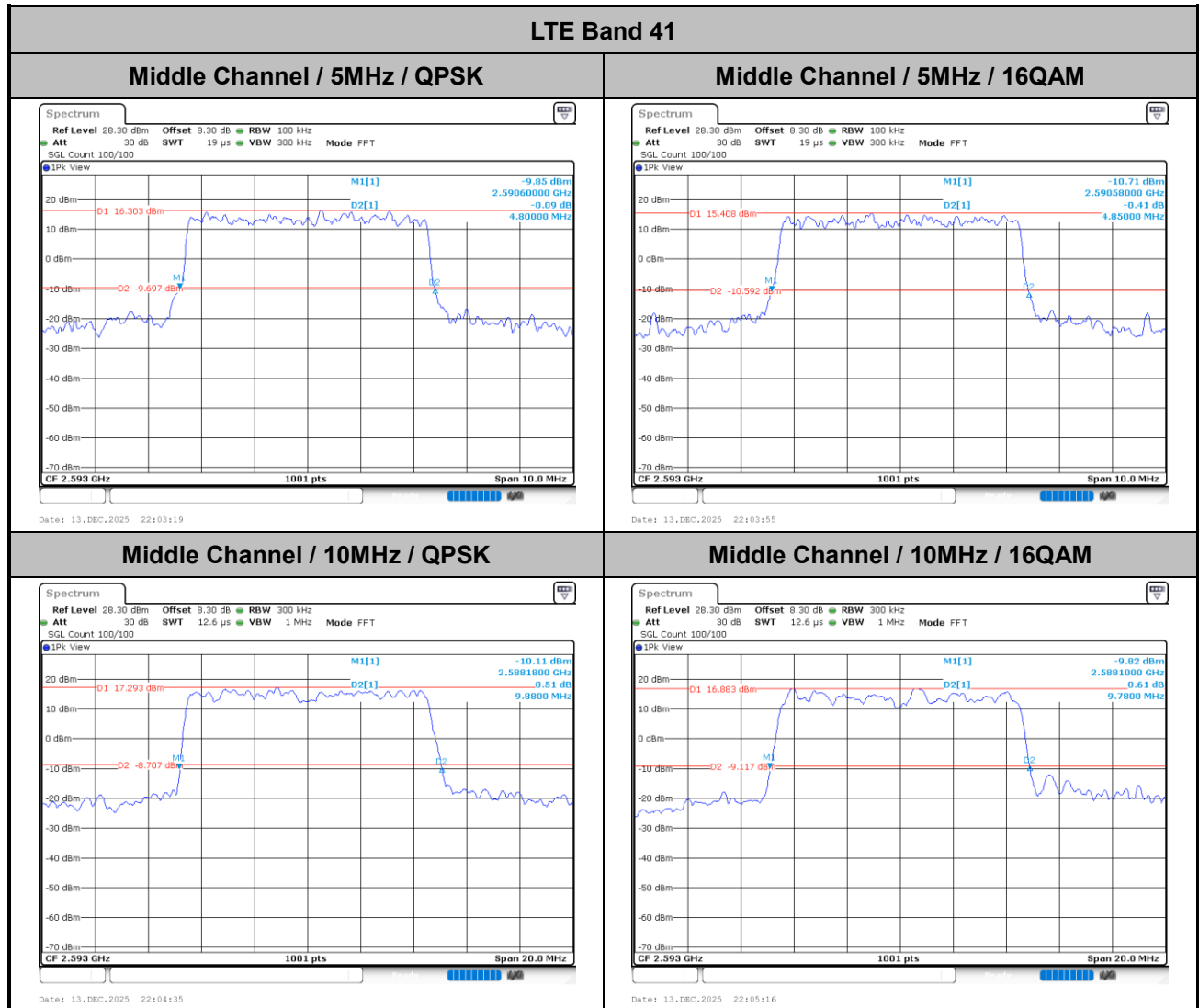
Peak-to-Average Ratio

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	5.04	5.94	7.01	7.10	PASS



**26dB Bandwidth**

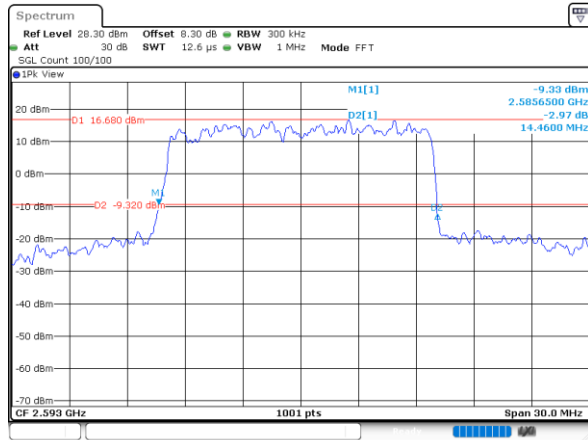
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.80	4.85	9.88	9.78	14.46	14.22	19.28	19.04



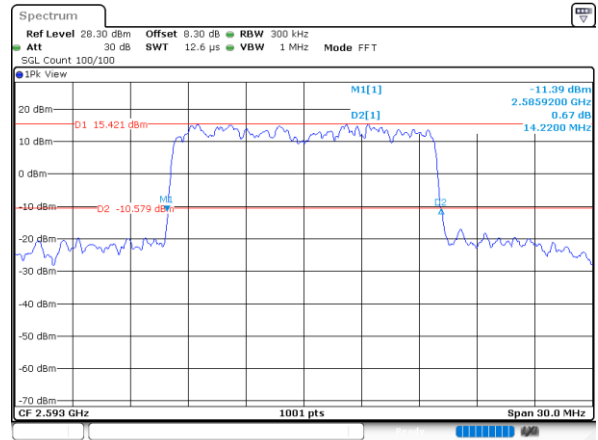


LTE Band 41

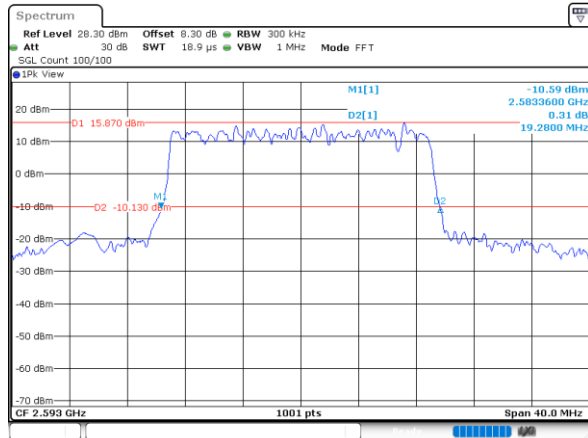
Middle Channel / 15MHz / QPSK



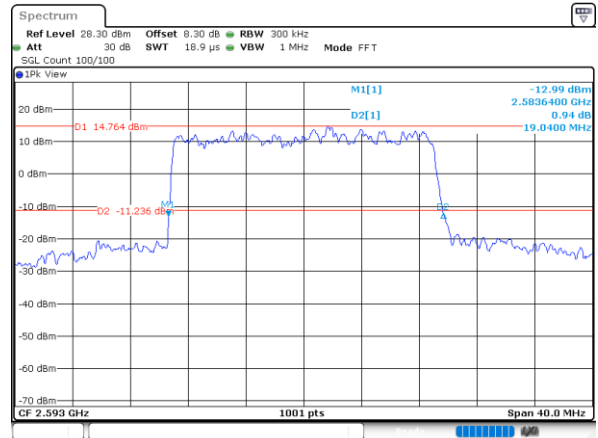
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



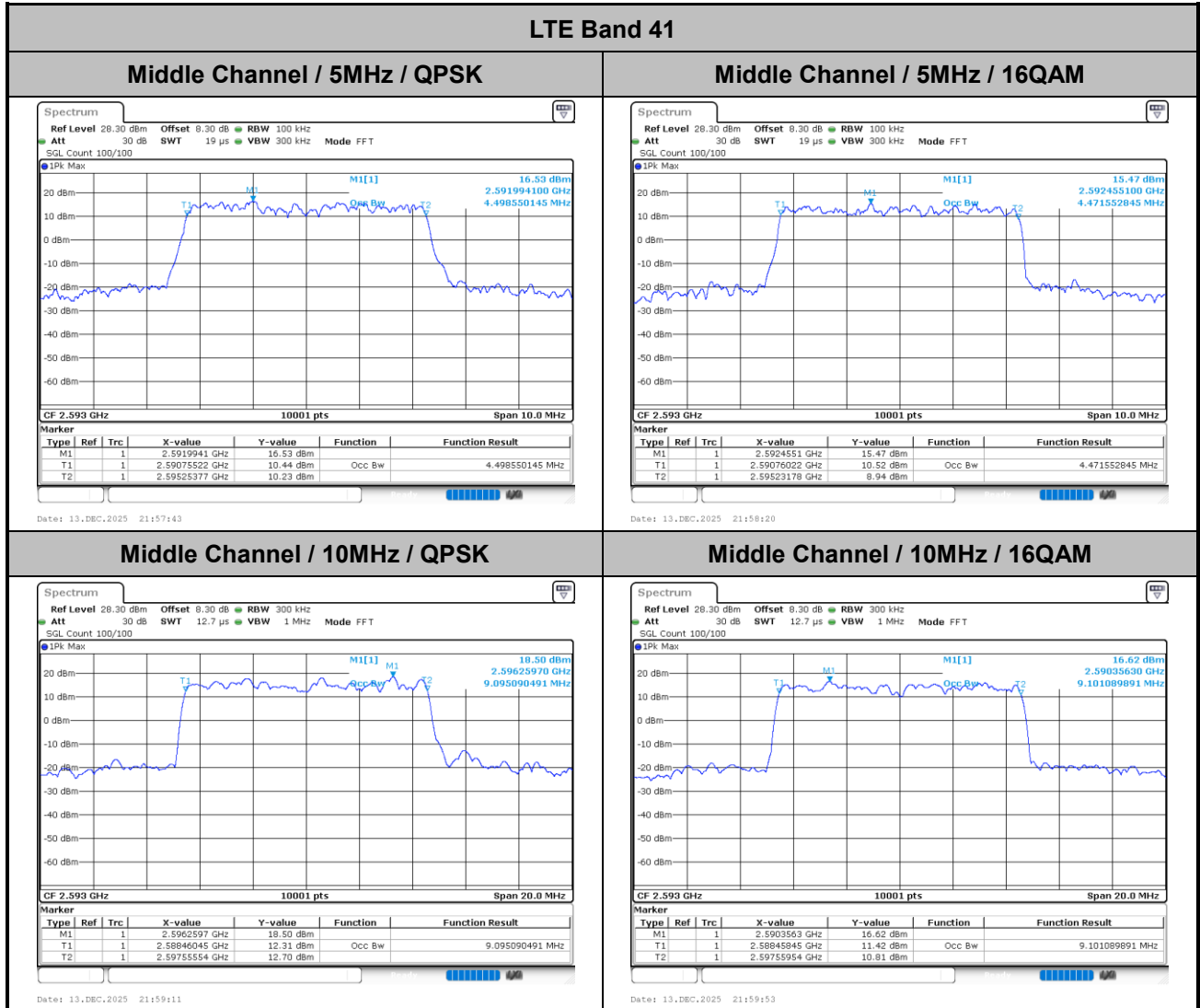
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

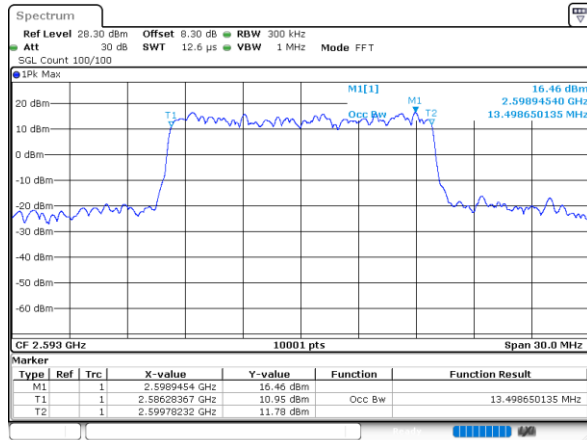
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.47	9.09	9.10	13.49	13.48	17.83	17.89



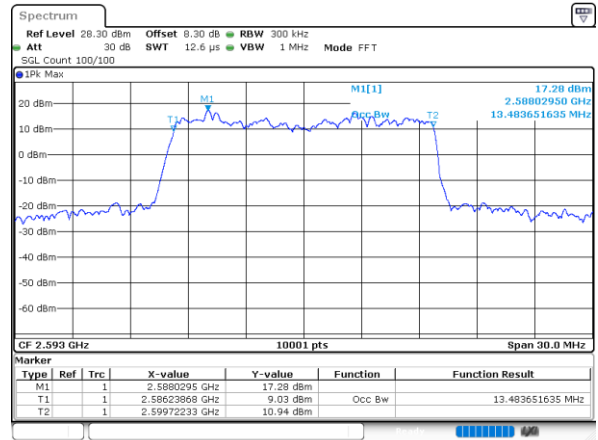


LTE Band 41

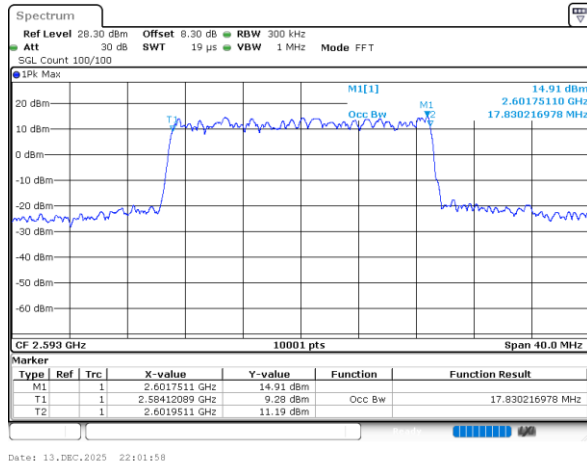
Middle Channel / 15MHz / QPSK



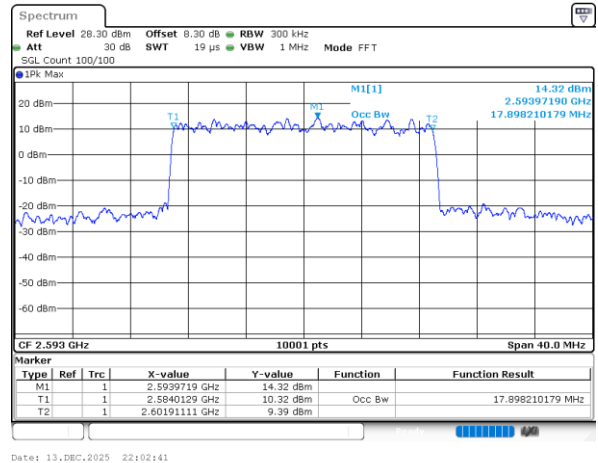
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

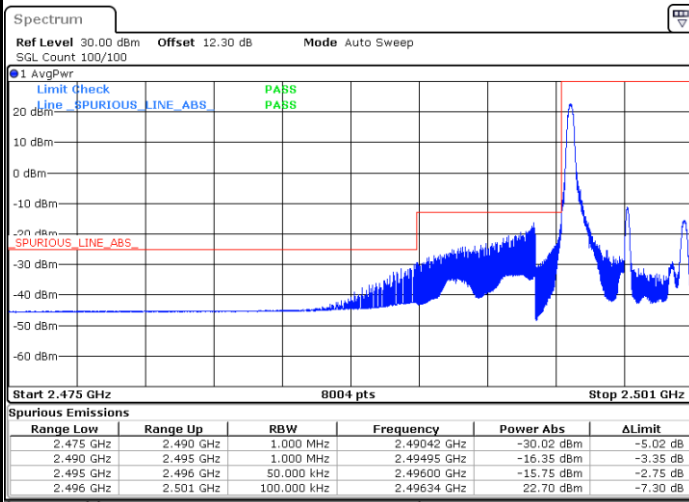




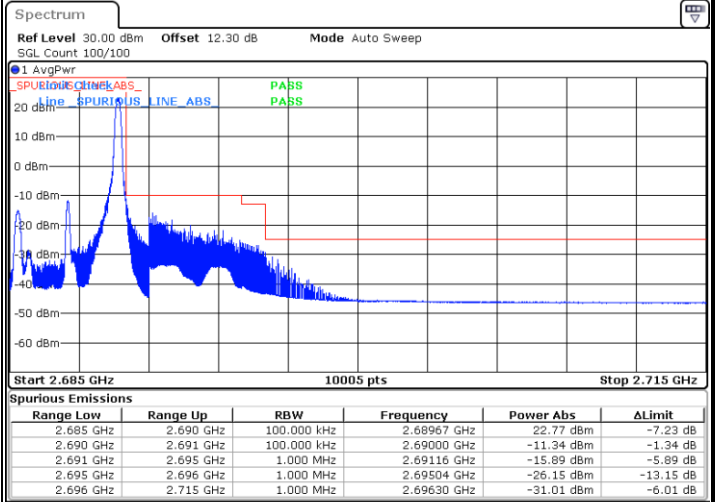
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

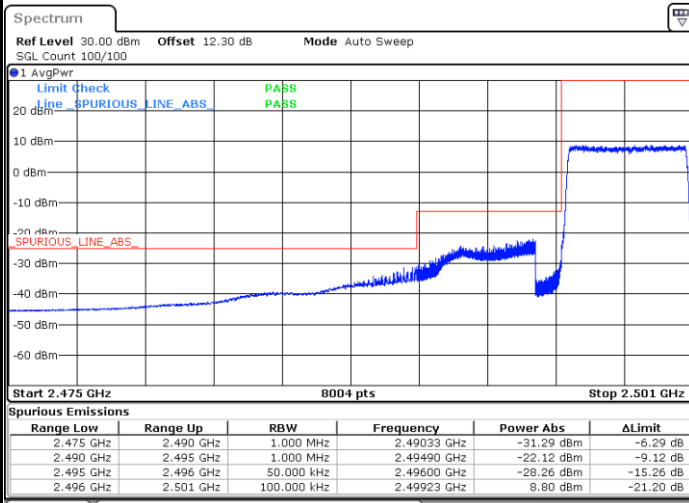
Lowest Band Edge / 1 RB



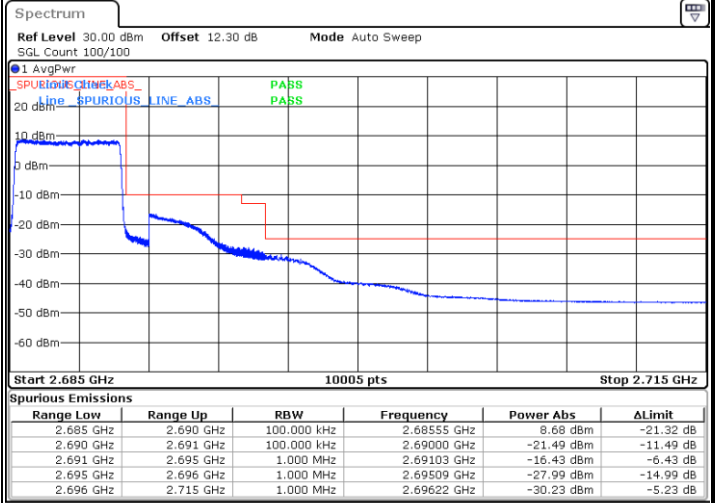
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



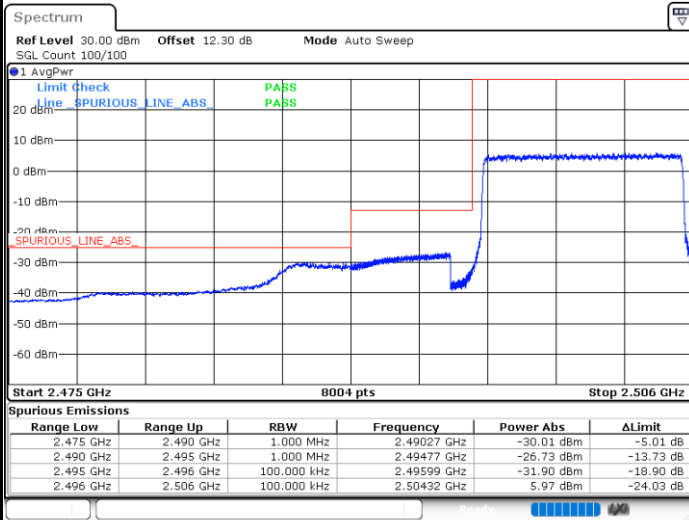
Highest Band Edge / Full RB



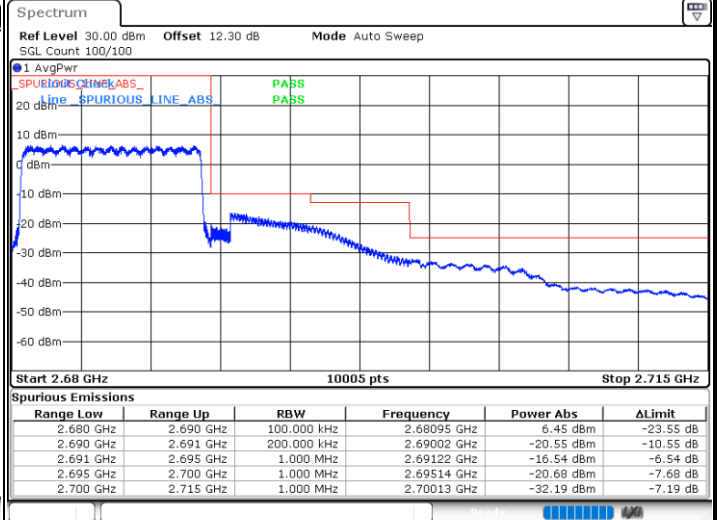


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

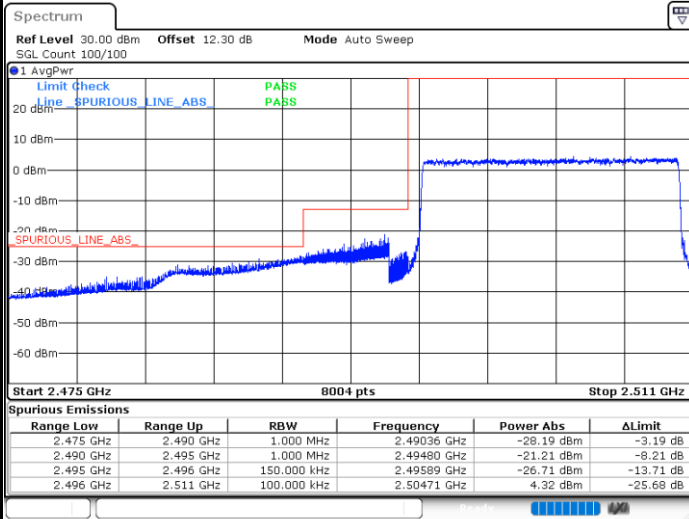


Highest Band Edge / Full RB

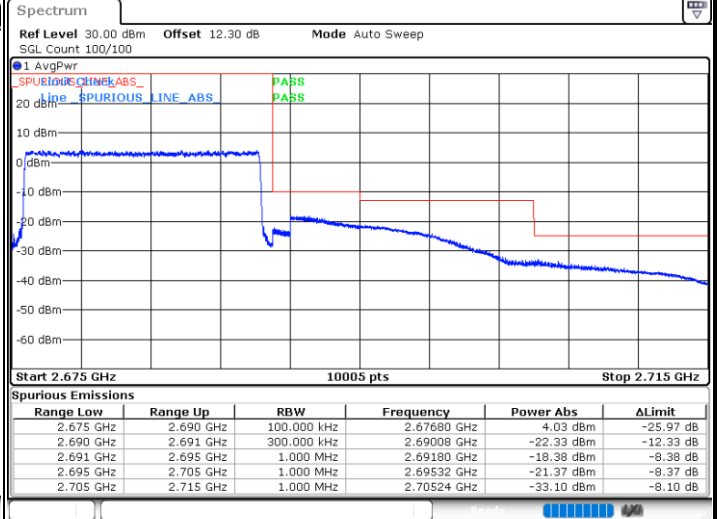


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

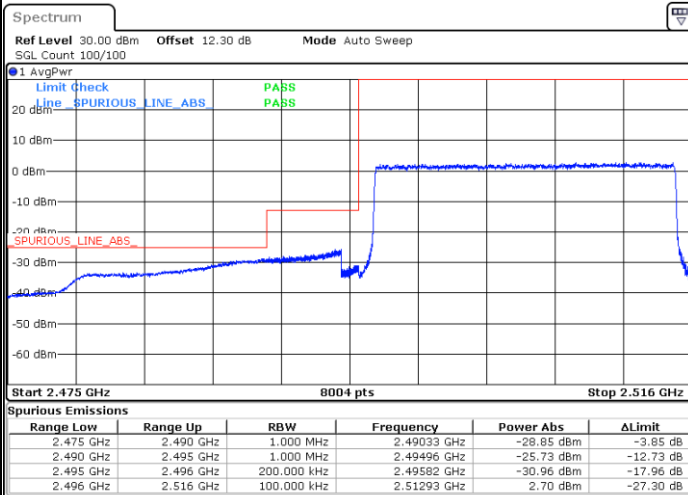




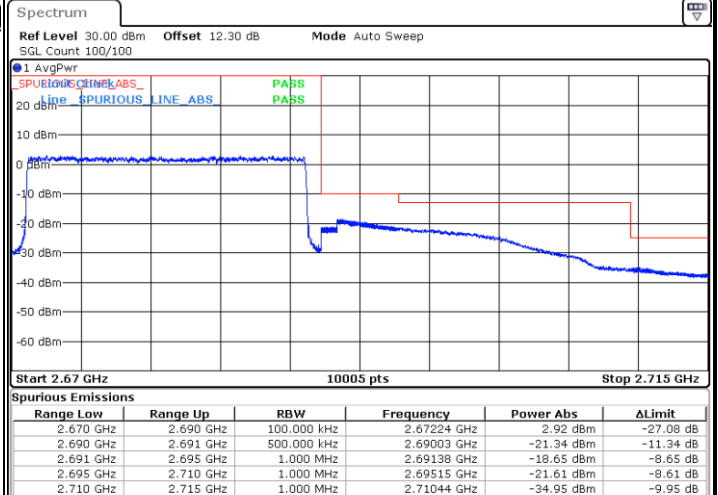
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.DEC.2025 22:21:56



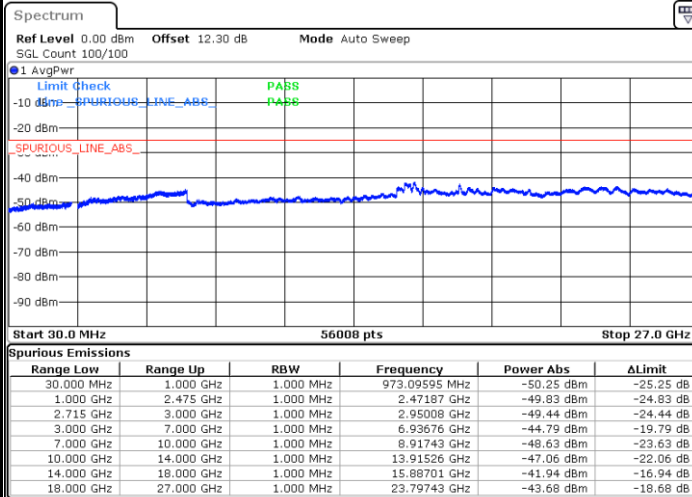
Date: 13.DEC.2025 22:23:13



Conducted Spurious Emission

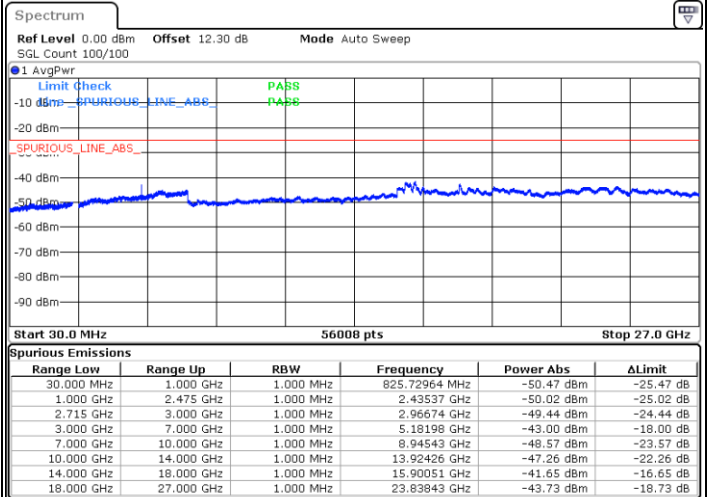
LTE Band 41 / 5MHz

Lowest Channel / QPSK



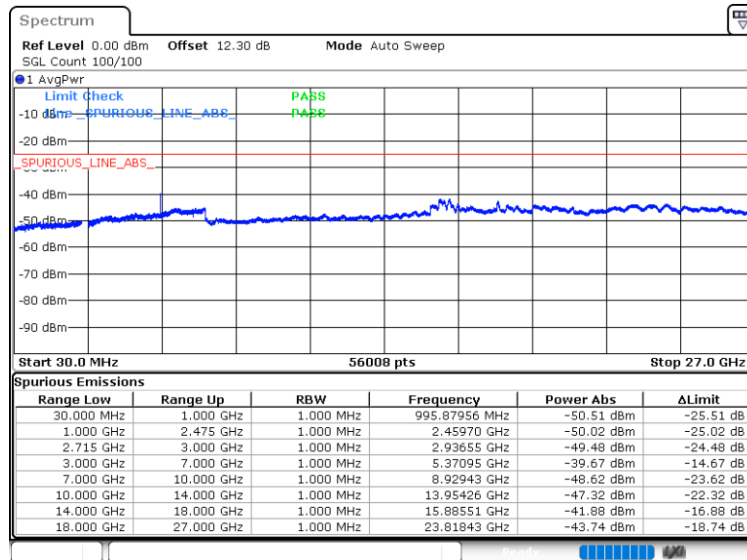
Date: 13.DEC.2025 22:24:46

Middle Channel / QPSK



Date: 13.DEC.2025 22:26:20

Highest Channel / QPSK

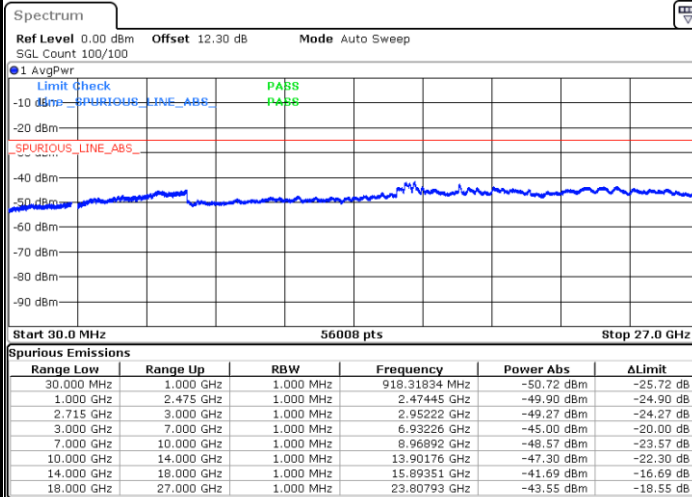


Date: 13.DEC.2025 22:27:52



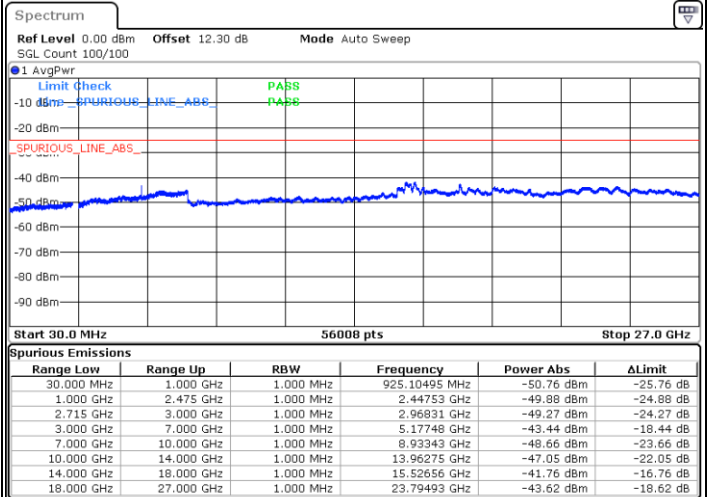
LTE Band 41 / 10MHz

Lowest Channel / QPSK



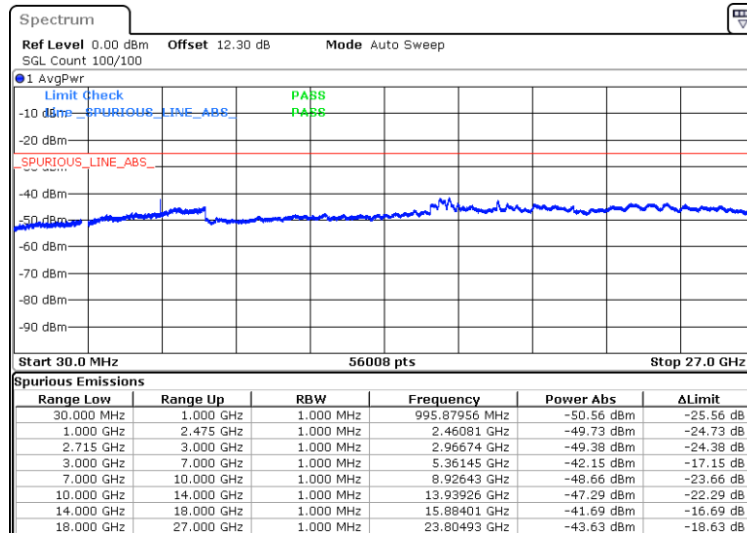
Date: 13.DEC.2025 22:29:24

Middle Channel / QPSK



Date: 13.DEC.2025 22:30:57

Highest Channel / QPSK

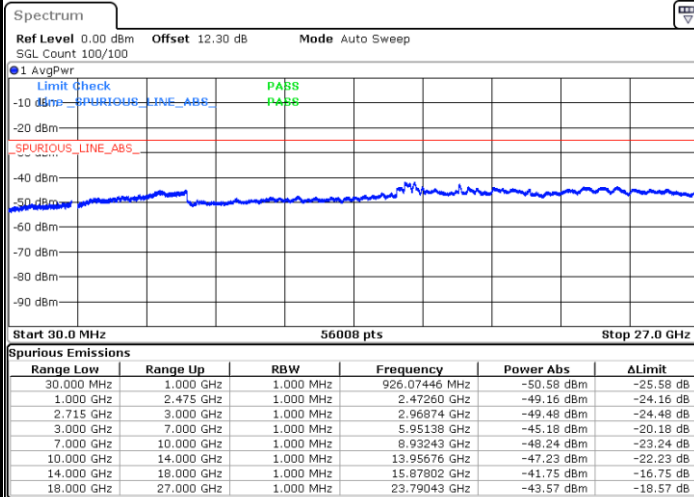


Date: 13.DEC.2025 22:32:30



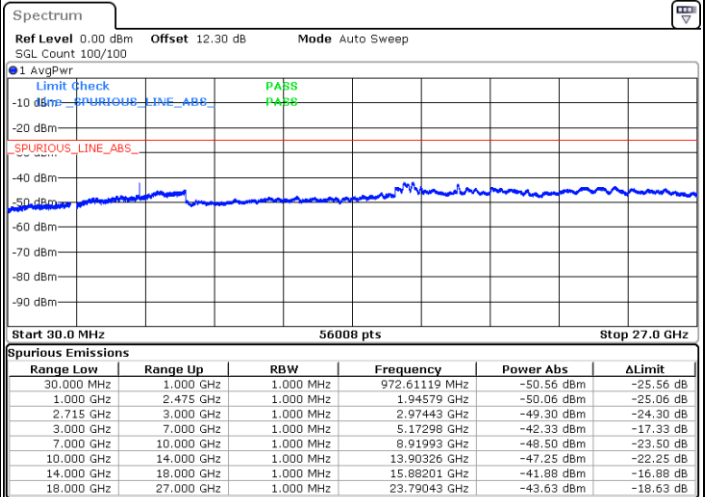
LTE Band 41 / 15MHz

Lowest Channel / QPSK



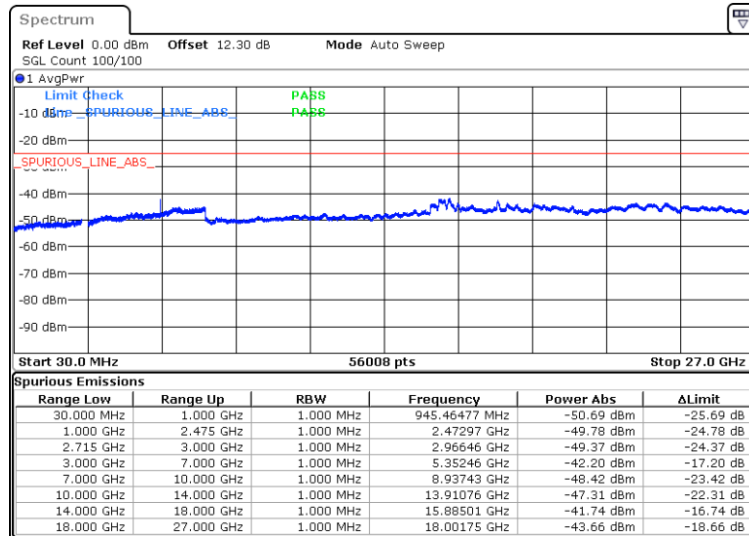
Date: 13.DEC.2025 22:34:04

Middle Channel / QPSK



Date: 13.DEC.2025 22:35:39

Highest Channel / QPSK

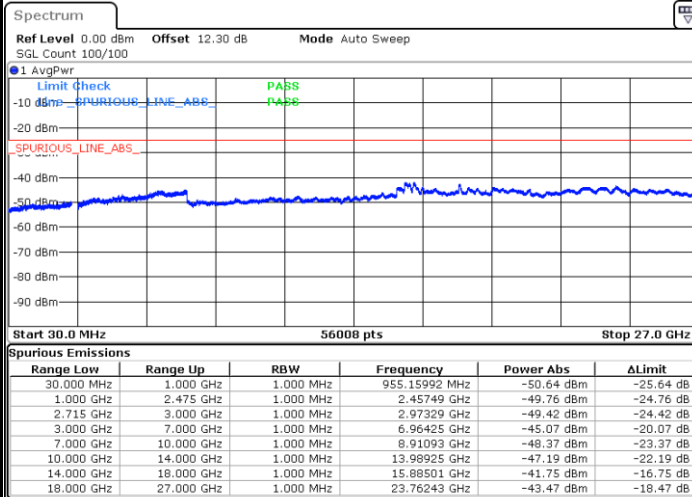


Date: 13.DEC.2025 22:37:12



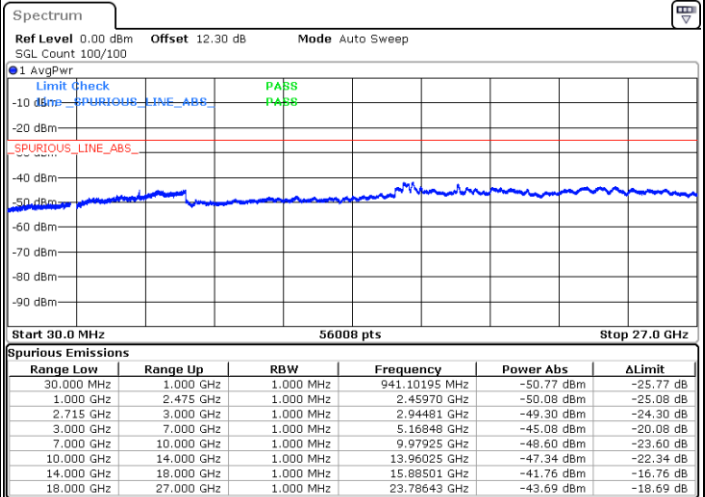
LTE Band 41 / 20MHz

Lowest Channel / QPSK



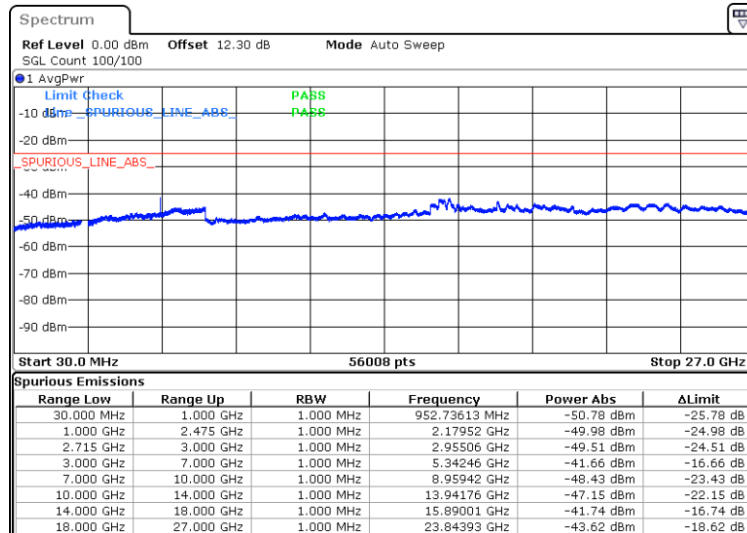
Date: 13.DEC.2025 22:38:45

Middle Channel / QPSK



Date: 13.DEC.2025 22:40:16

Highest Channel / QPSK



Date: 13.DEC.2025 22:41:48

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel 10M		
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0050	Yes	PASS
40	Normal Voltage	0.0049	Yes	
30	Normal Voltage	0.0014	Yes	
20(Ref.)	Normal Voltage	0.0000	Yes	
10	Normal Voltage	0.0050	Yes	
0	Normal Voltage	0.0009	Yes	
-10	Normal Voltage	0.0004	Yes	
-20	Normal Voltage	0.0014	Yes	
-30	Normal Voltage	0.0000	Yes	
20	Maximum Voltage	0.0010	Yes	
20	Normal Voltage	0.0000	Yes	
20	Minimum Voltage	0.0036	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 41C

26dB Bandwidth

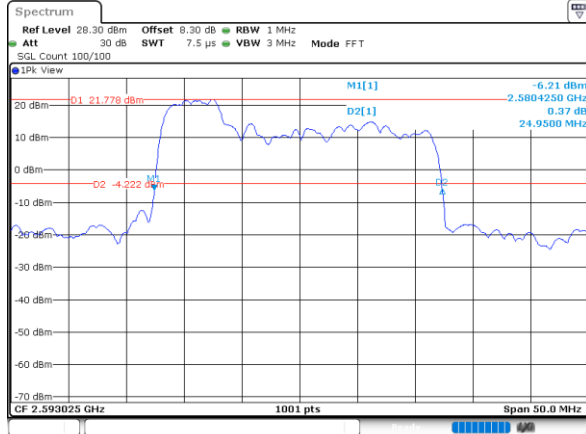
Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.95	25.30	30.18	25.25	30.72
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.00	25.00	32.58	35.07	39.92
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.90	25.20	30.06	25.25	30.60
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.93	25.05	30.24	34.93	39.92



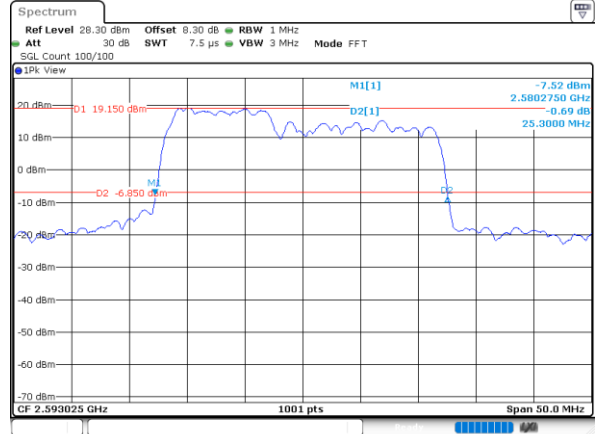
LTE Band 41C

QPSK

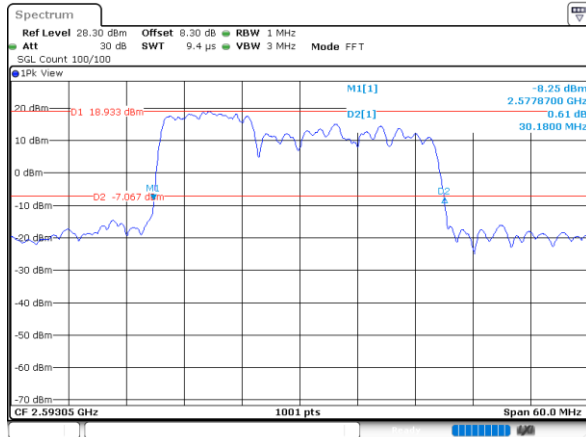
Middle Channel / 5MHz+20MHz



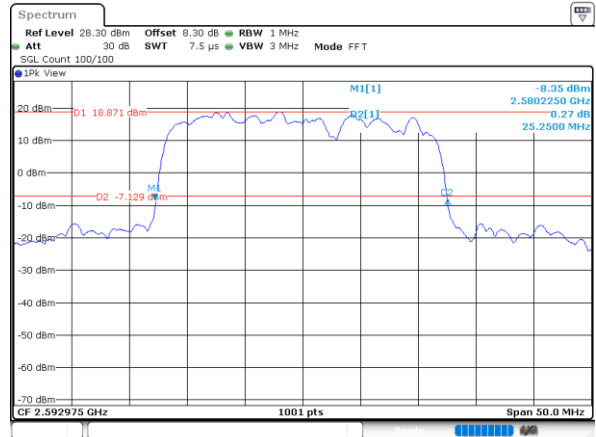
Middle Channel / 10MHz+15MHz



Middle Channel / 10MHz+20MHz



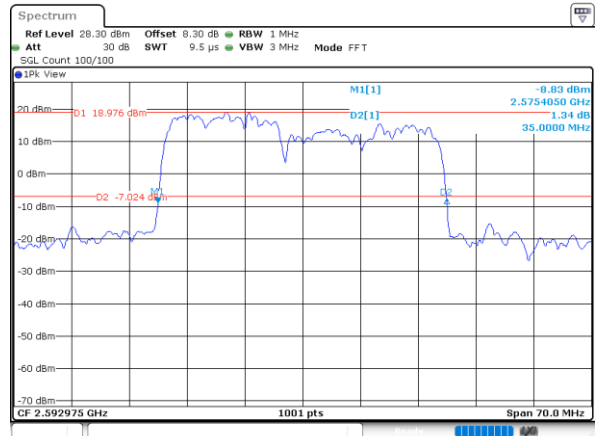
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



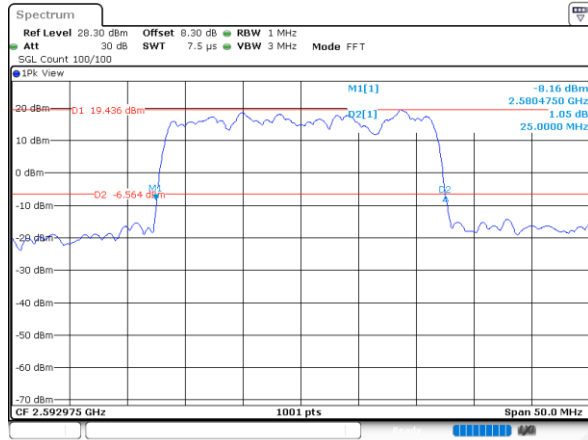
Middle Channel / 15MHz+20MHz



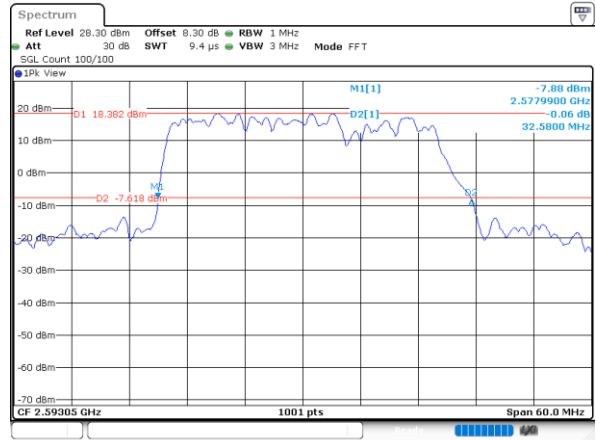


LTE Band 41C

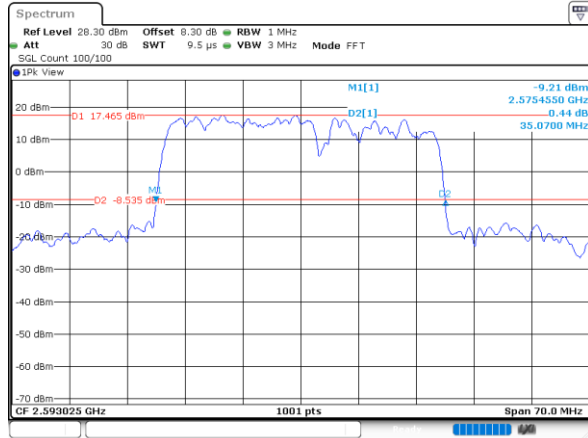
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



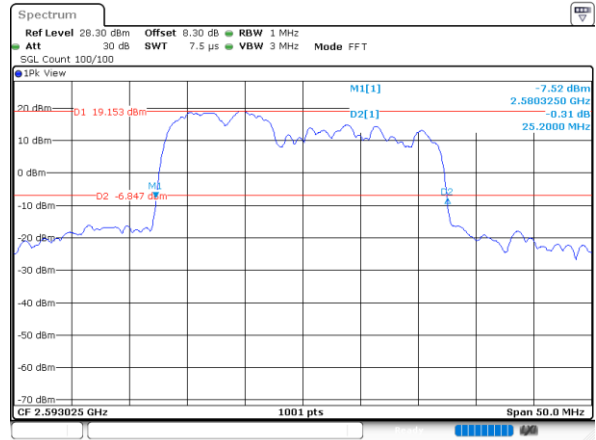


LTE Band 41C

Middle Channel / 5MHz+20MHz



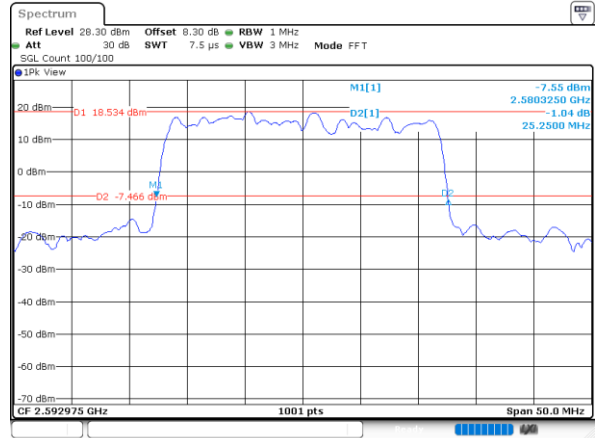
Middle Channel / 10MHz+15MHz



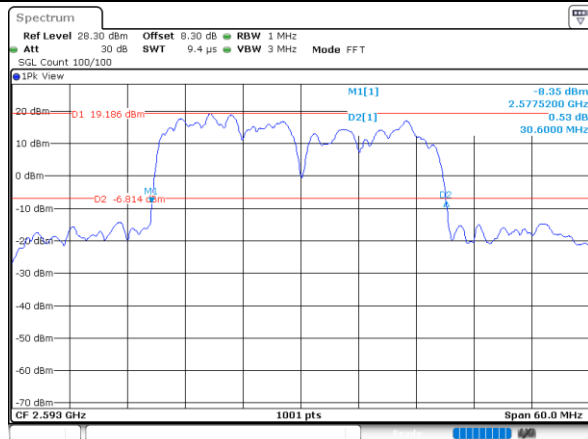
Middle Channel / 10MHz+20MHz



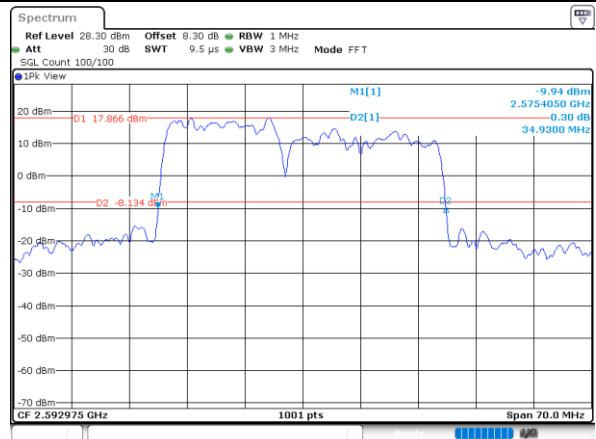
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

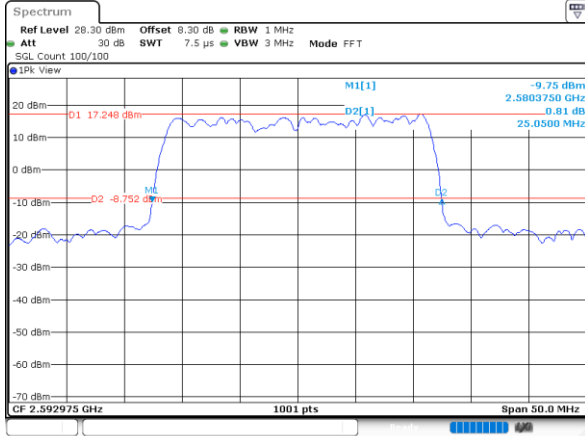




LTE Band 41C

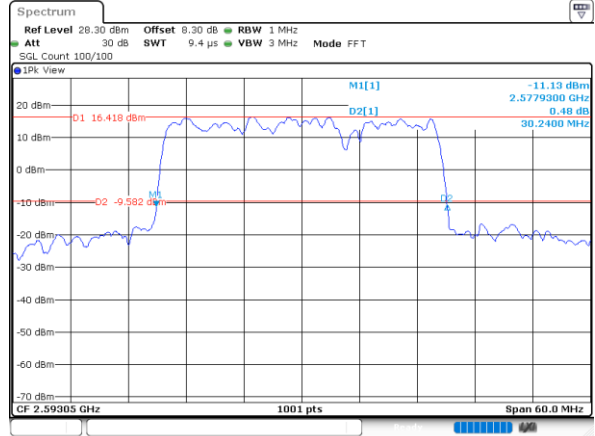
16QAM

Middle Channel / 20MHz+5MHz



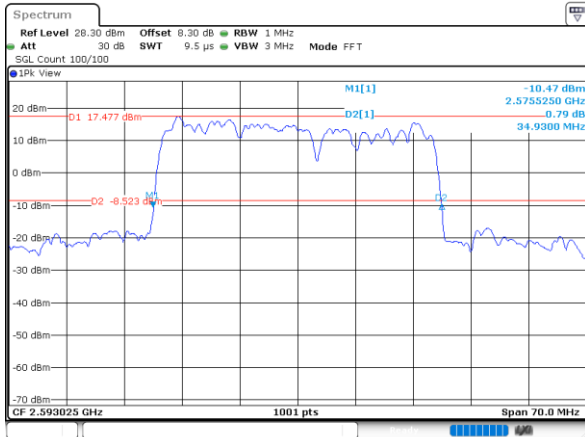
Date: 8,DEC,2025 22:10:15

Middle Channel / 20MHz+10MHz



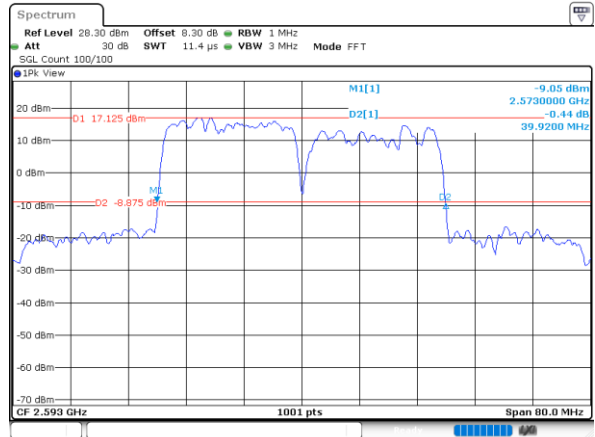
Date: 8,DEC,2025 22:56:21

Middle Channel / 20MHz+15MHz



Date: 9,DEC,2025 00:39:52

Middle Channel / 20MHz+20MHz



Date: 9,DEC,2025 00:41:37

**Occupied Bandwidth**

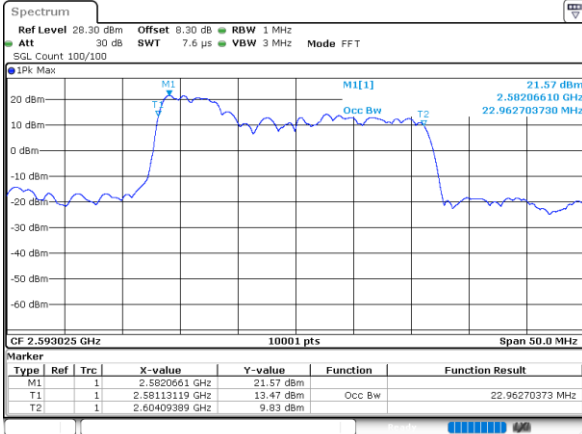
Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.96	23.25	27.98	23.36	28.52
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.97	23.14	27.93	33.10	37.28
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.07	23.18	28.33	23.27	28.76
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.88	23.12	28.30	32.60	37.06



LTE Band 41C

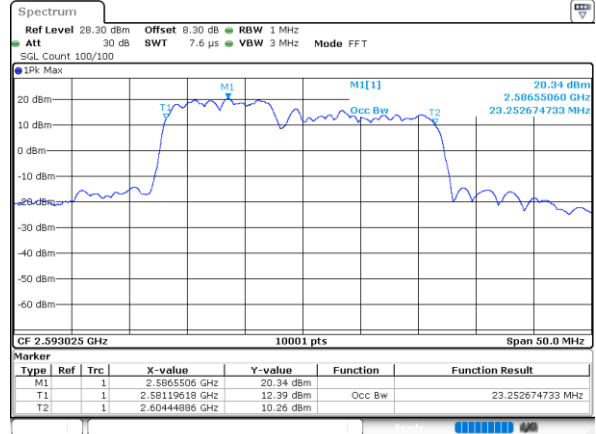
QPSK

Middle Channel / 5MHz+20MHz



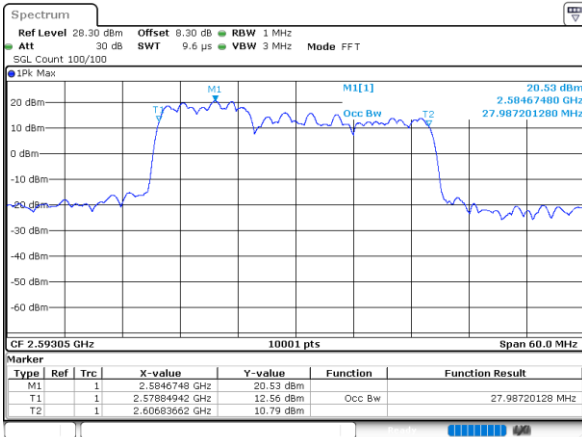
Date: 8.DEC.2025 22:24:11

Middle Channel / 10MHz+15MHz



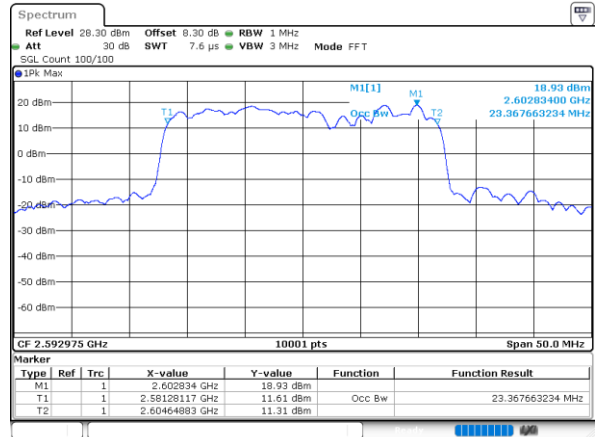
Date: 8.DEC.2025 22:29:03

Middle Channel / 10MHz+20MHz



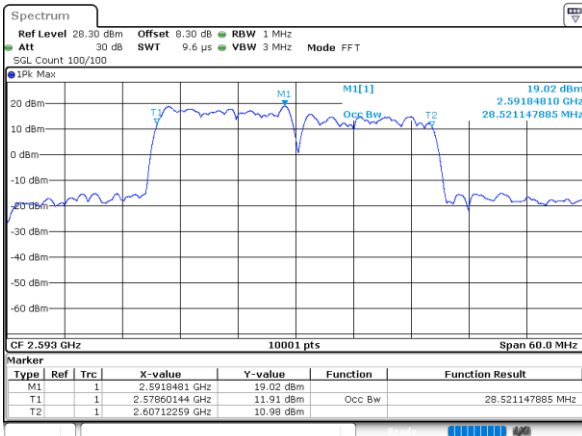
Date: 8.DEC.2025 22:37:07

Middle Channel / 15MHz+10MHz



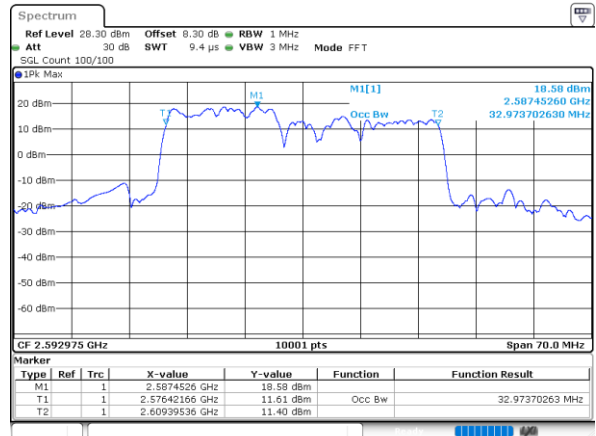
Date: 8.DEC.2025 22:30:23

Middle Channel / 15MHz+15MHz



Date: 8.DEC.2025 22:41:33

Middle Channel / 15MHz+20MHz



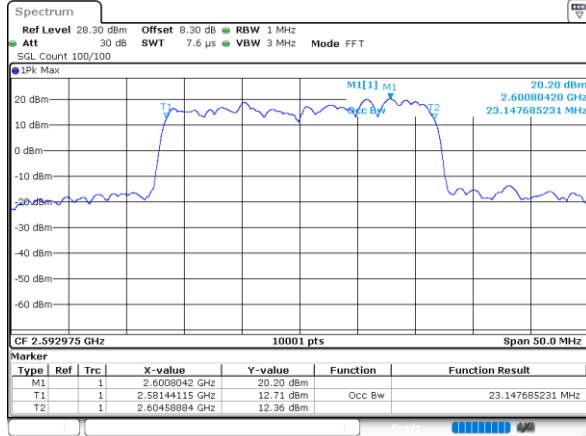
Date: 8.DEC.2025 22:42:57



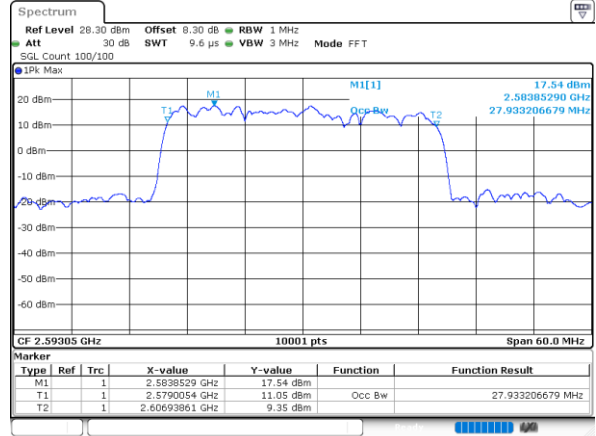
LTE Band 41C

QPSK

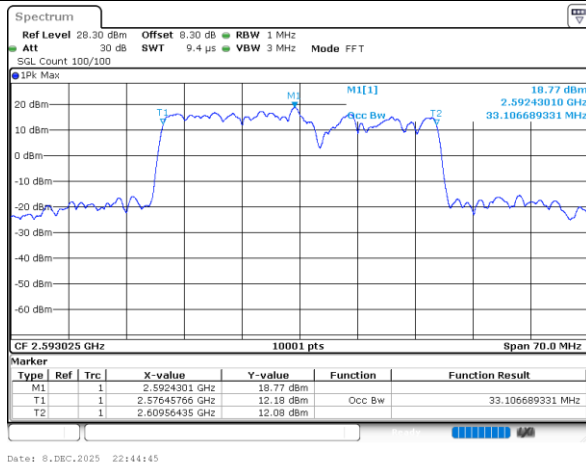
Middle Channel / 20MHz+5MHz



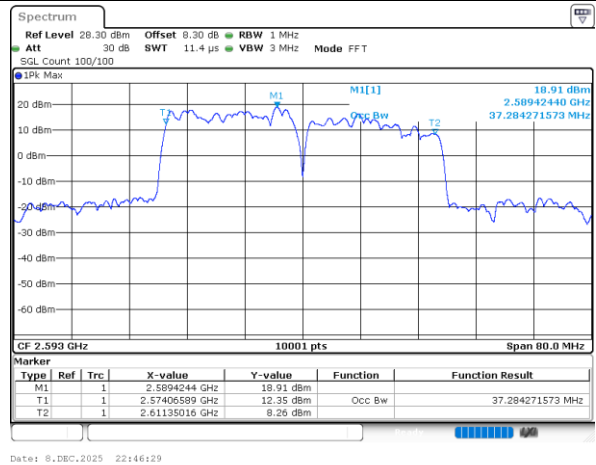
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

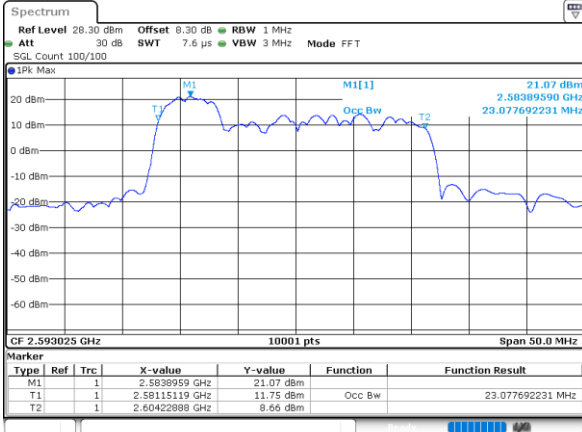




LTE Band 41C

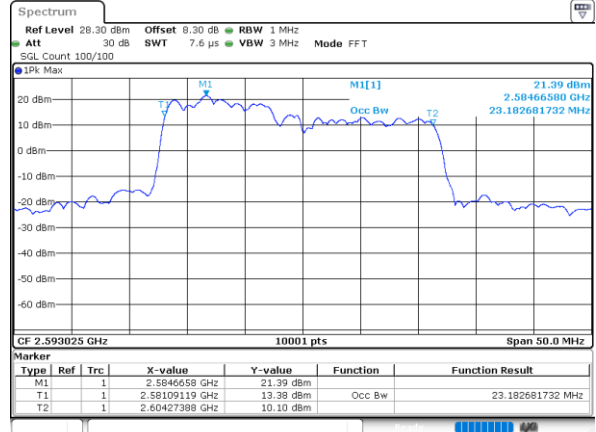
16QAM

Middle Channel / 5MHz+20MHz



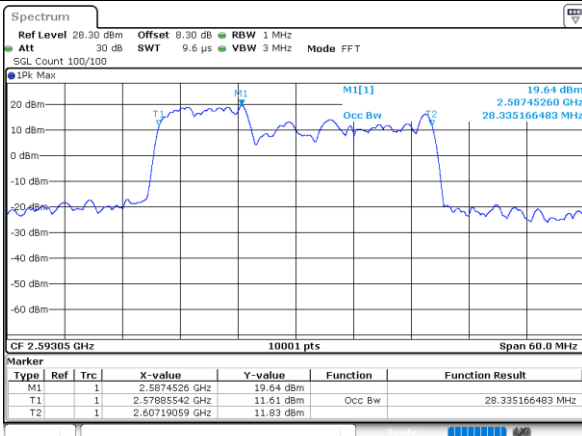
Date: 8.DEC.2025 22:24:48

Middle Channel / 10MHz+15MHz



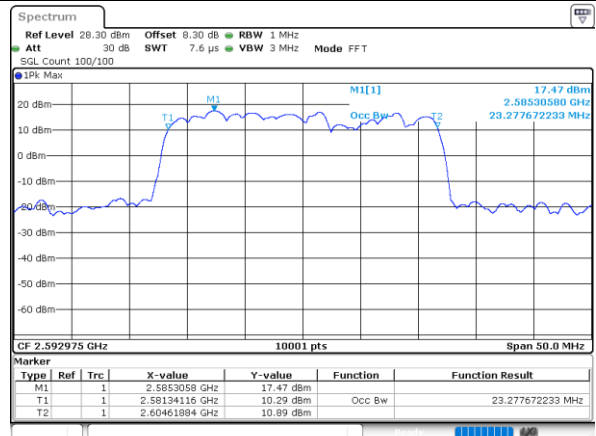
Date: 8.DEC.2025 22:29:39

Middle Channel / 10MHz+20MHz



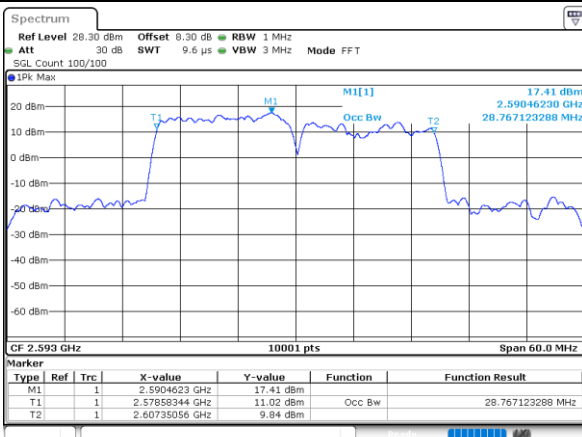
Date: 8.DEC.2025 22:37:45

Middle Channel / 15MHz+10MHz



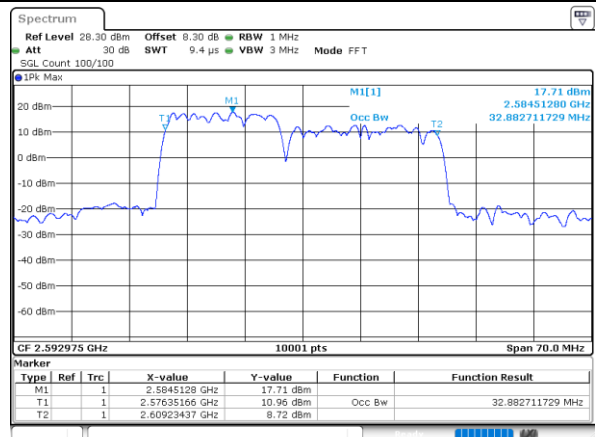
Date: 8.DEC.2025 22:31:03

Middle Channel / 15MHz+15MHz



Date: 8.DEC.2025 22:42:14

Middle Channel / 15MHz+20MHz



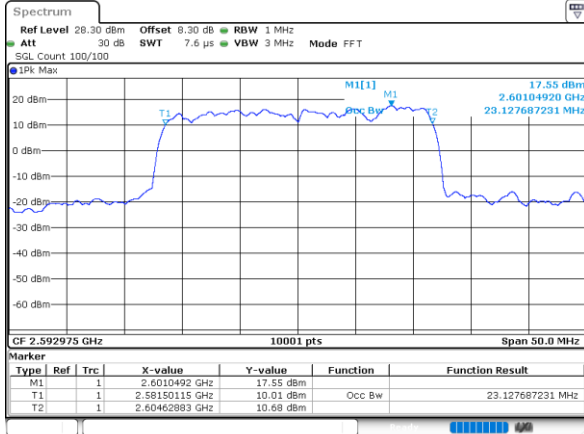
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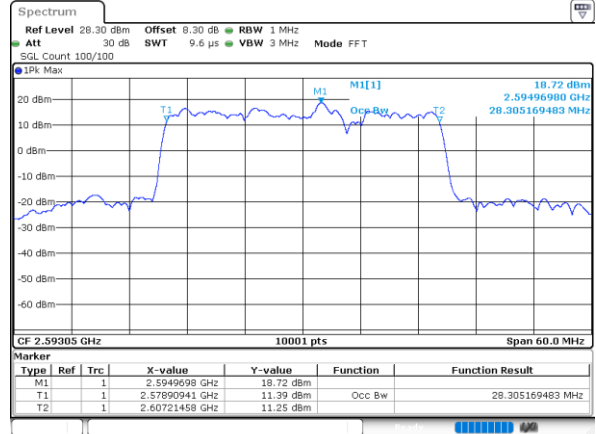
LTE Band 41C

16QAM

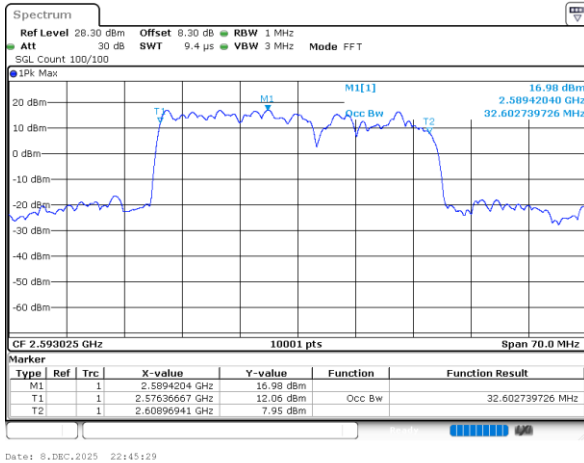
Middle Channel / 20MHz+5MHz



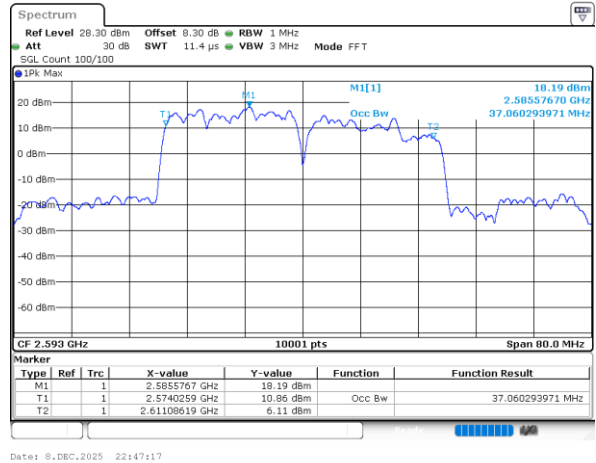
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



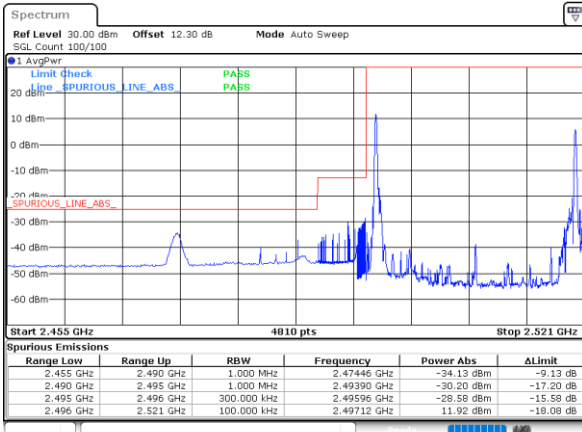


Conducted Band Edge

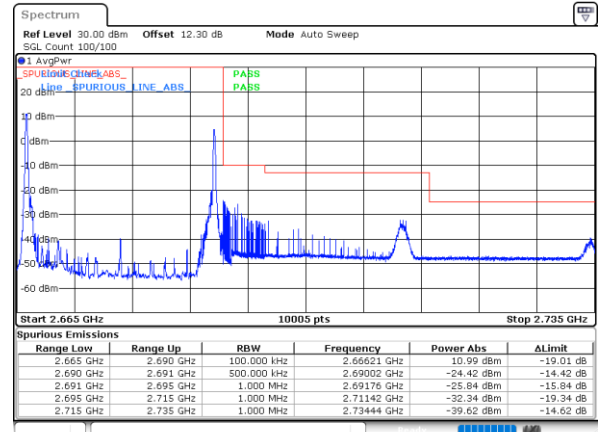
LTE Band 41C / 5MHz+20MHz

QPSK

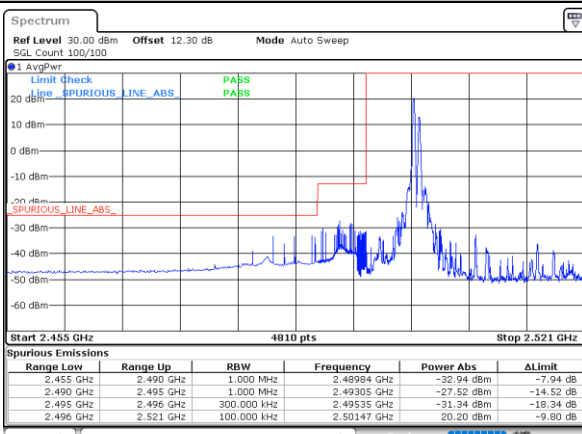
Lowest Band Edge / 1RB0 and 1RB99



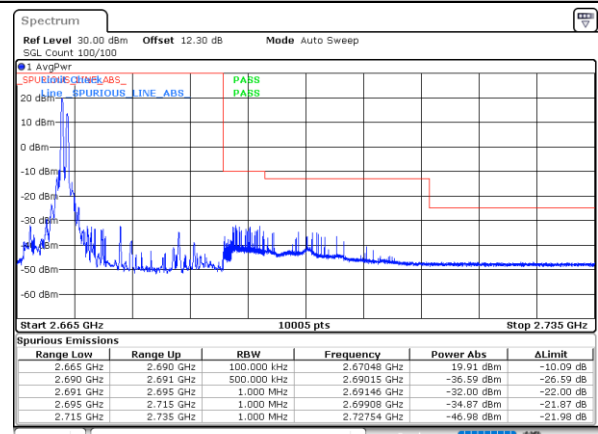
Highest Band Edge / 1RB0 and 1RB99



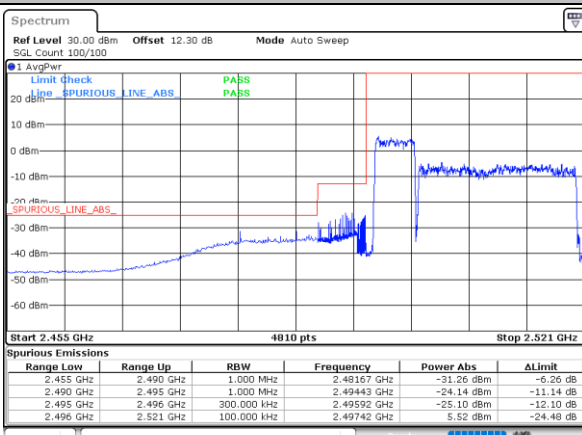
Lowest Band Edge / 1RB24 and 1RB0



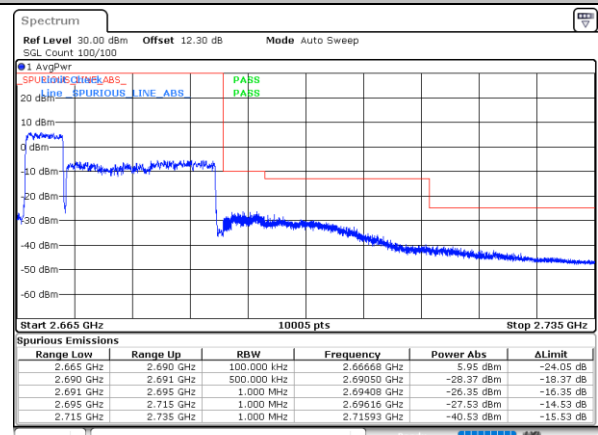
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

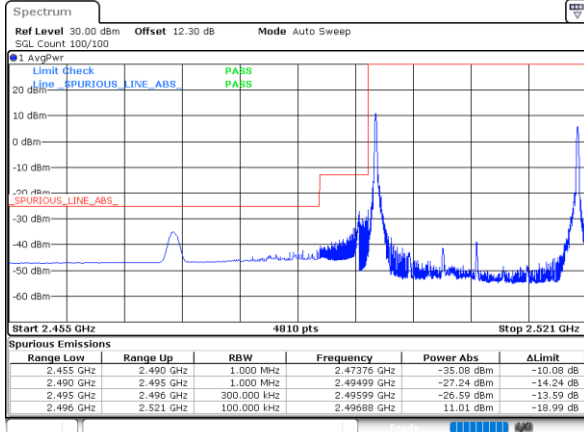




LTE Band 41C / 10MHz+15MHz

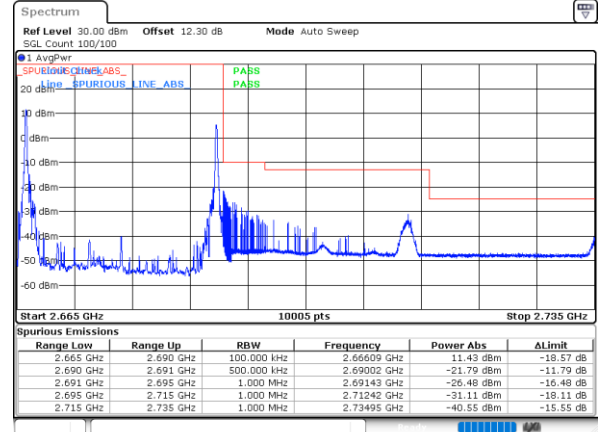
QPSK

Lowest Band Edge / 1RB0 and 1RB74



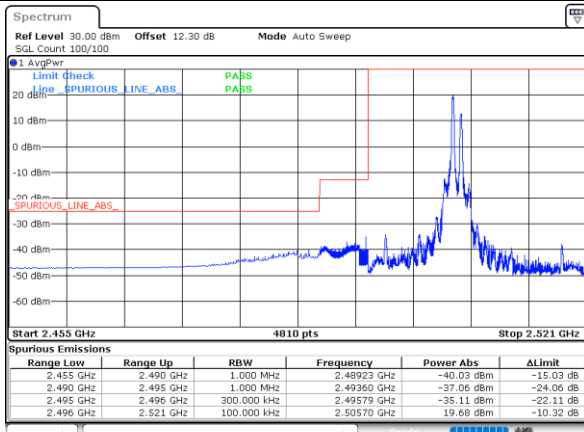
Date: 7.DEC.2025 03:16:25

Highest Band Edge / 1RB0 and 1RB74



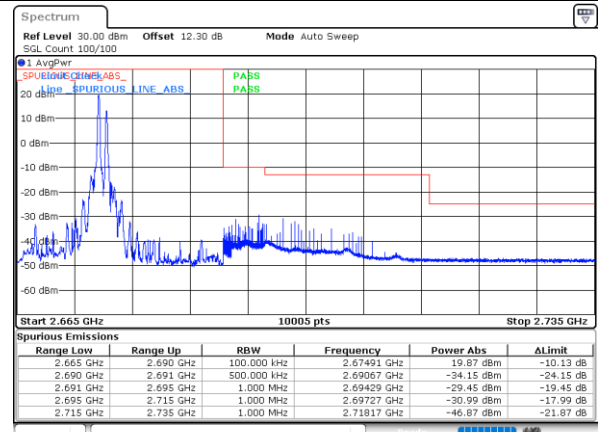
Date: 7.DEC.2025 03:20:25

Lowest Band Edge / 1RB49 and 1RB0



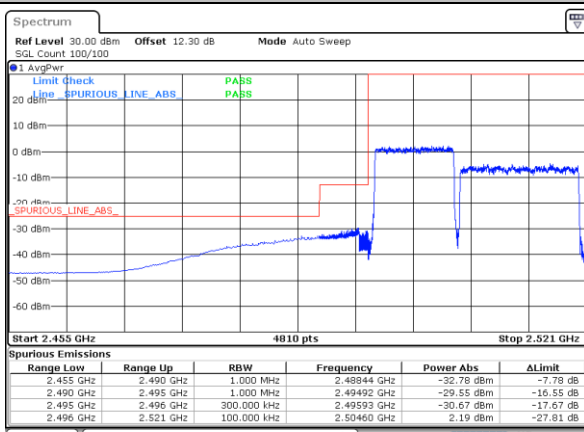
Date: 7.DEC.2025 03:17:44

Highest Band Edge / 1RB49 and 1RB0



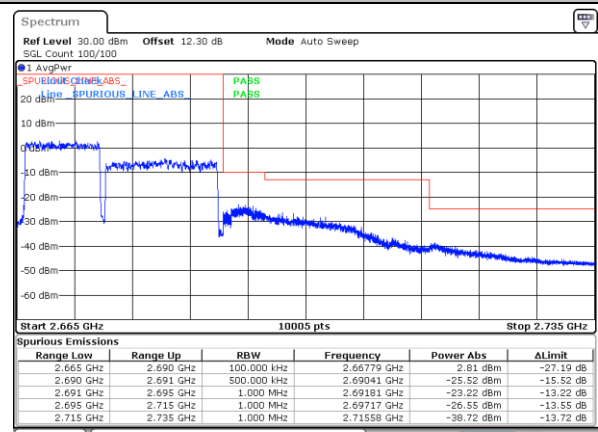
Date: 7.DEC.2025 03:21:48

Lowest Band Edge / Full RB



Date: 7.DEC.2025 03:15:07

Highest Band Edge / Full RB



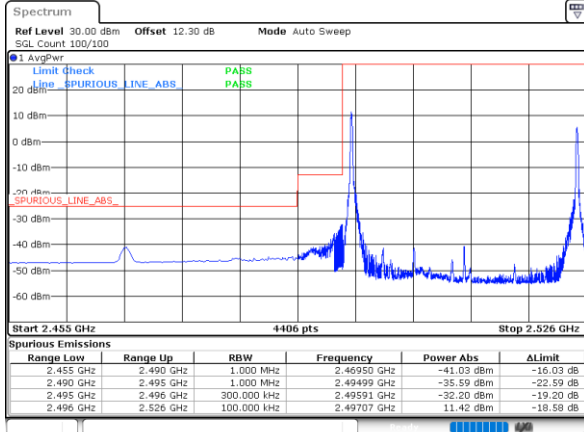
Date: 7.DEC.2025 03:19:04



LTE Band 41C / 10MHz+20MHz

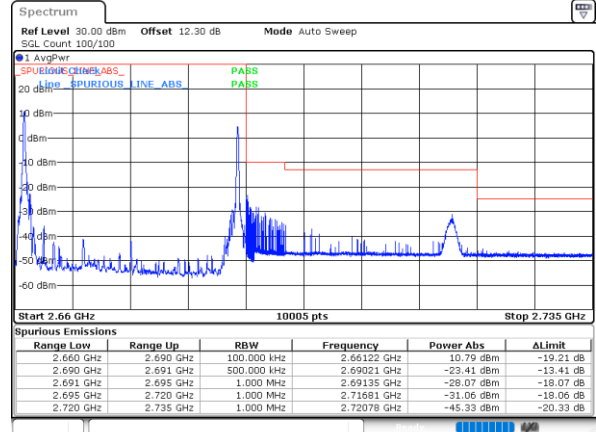
QPSK

Lowest Band Edge / 1RB0 and 1RB99



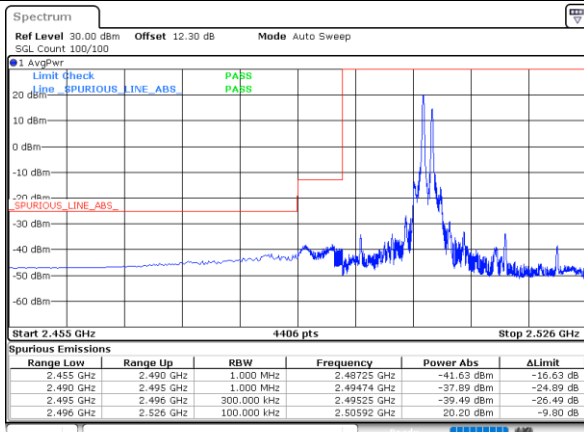
Date: 7.DEC.2025 03:33:05

Highest Band Edge / 1RB0 and 1RB99



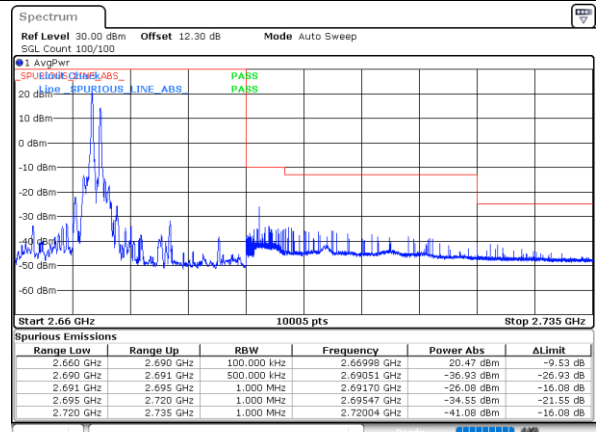
Date: 7.DEC.2025 03:37:04

Lowest Band Edge / 1RB49 and 1RB0



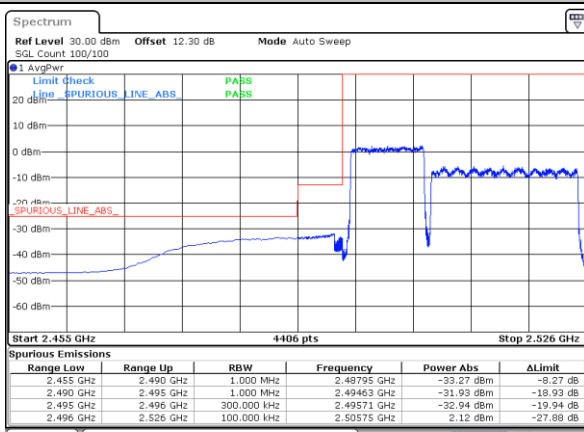
Date: 7.DEC.2025 03:34:26

Highest Band Edge / 1RB49 and 1RB0



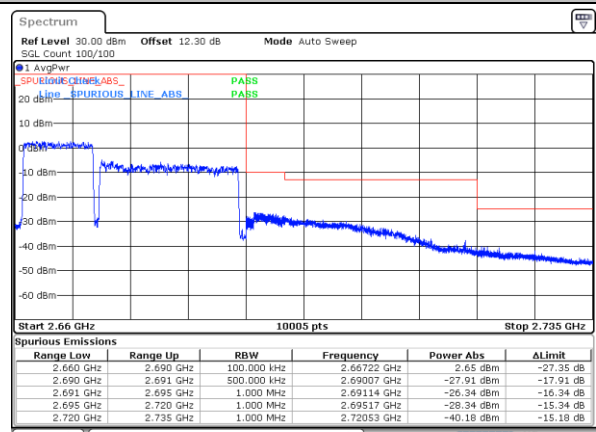
Date: 7.DEC.2025 03:38:24

Lowest Band Edge / Full RB



Date: 7.DEC.2025 03:31:41

Highest Band Edge / Full RB



Date: 7.DEC.2025 03:35:45