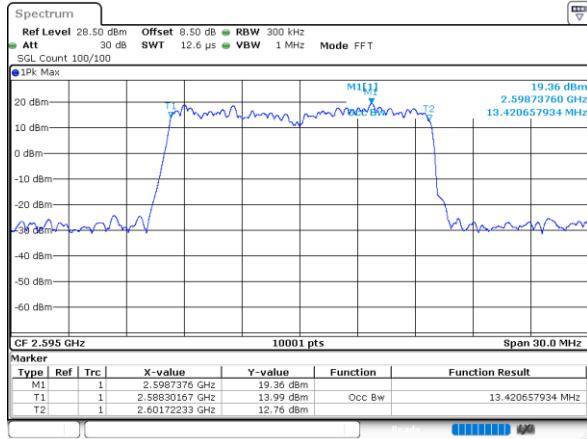


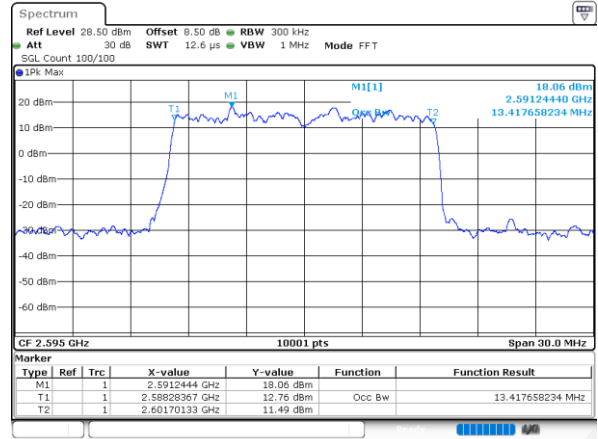


LTE Band 38

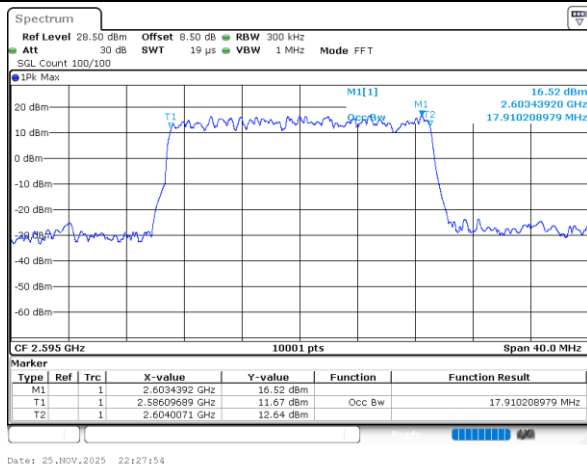
Middle Channel / 15MHz / QPSK



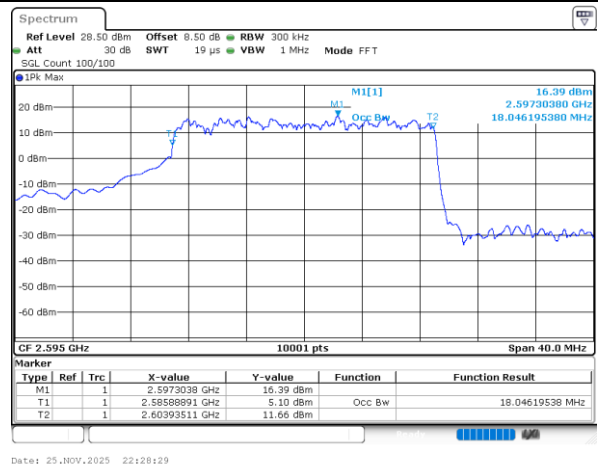
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

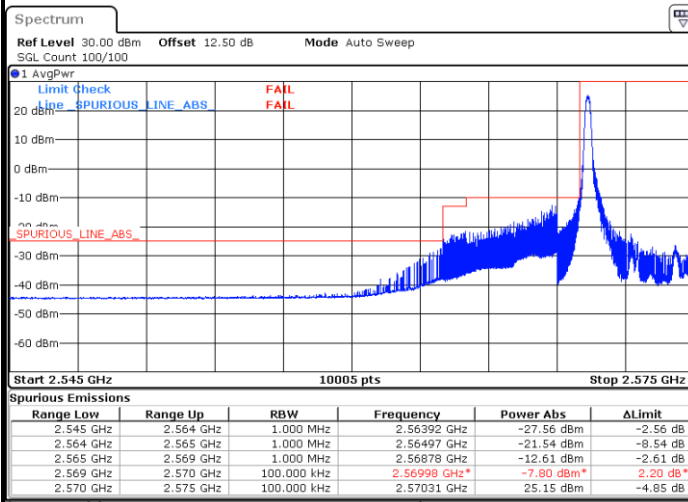




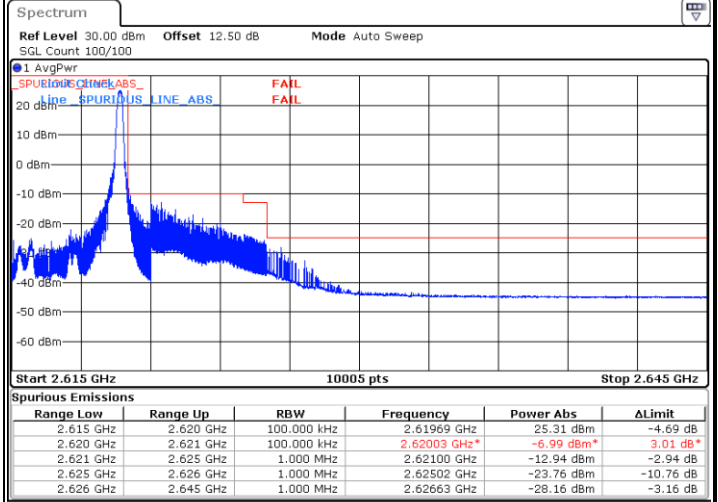
Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

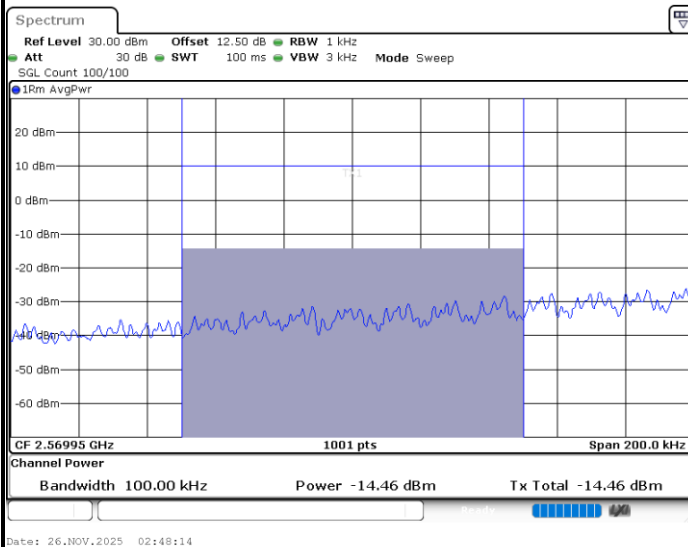
Lowest Band Edge / 1 RB



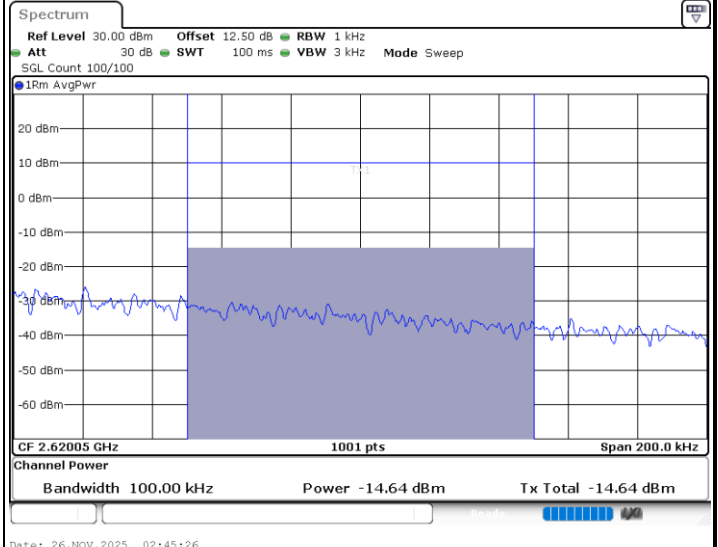
Highest Band Edge / 1 RB

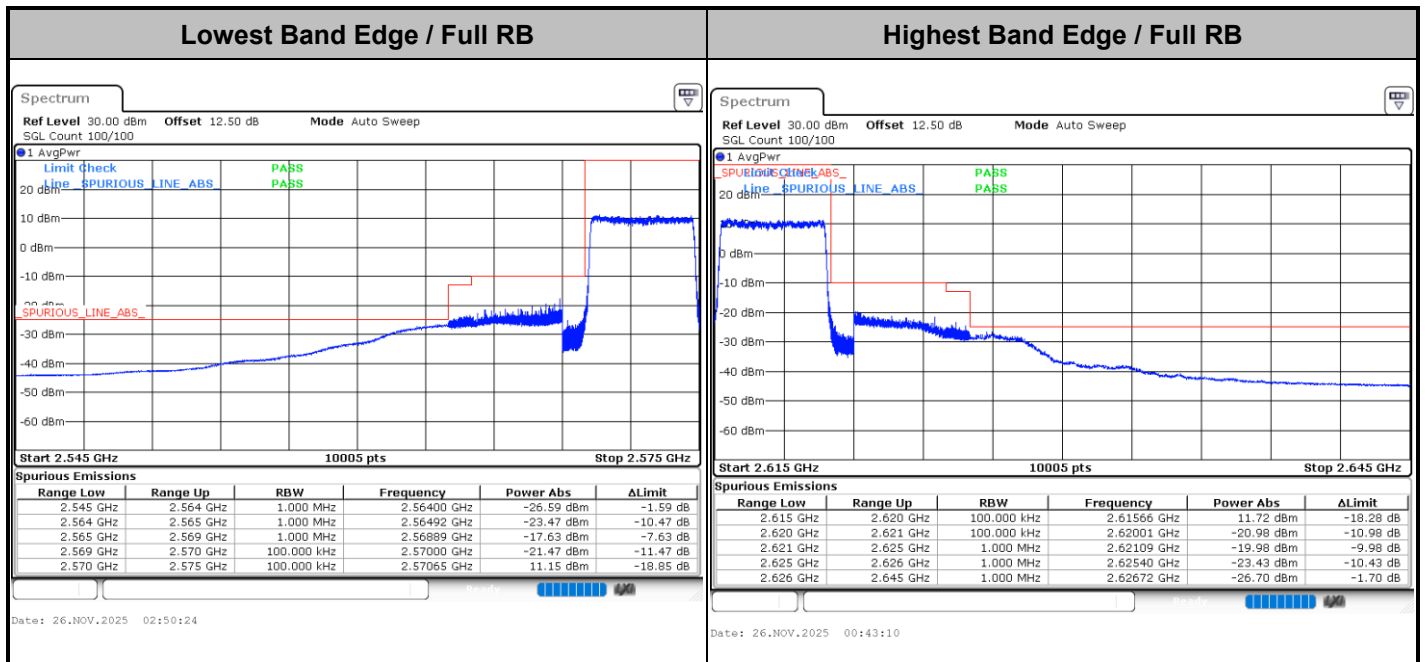


Lowest Band Edge / 1 RB / CHP



Highest Band Edge / 1 RB / CHP

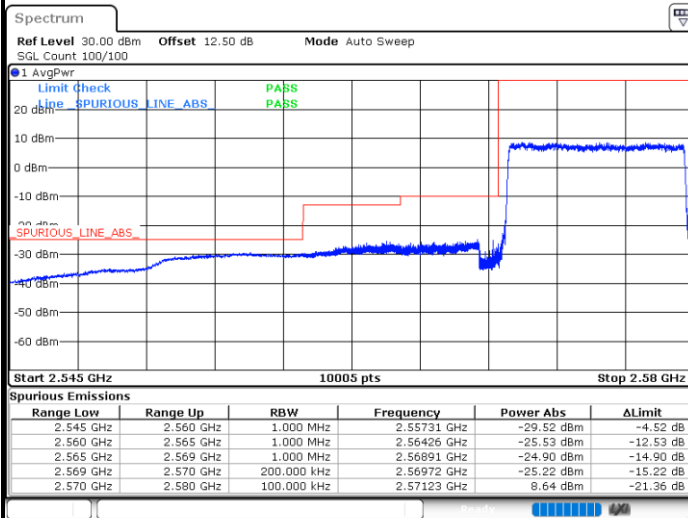




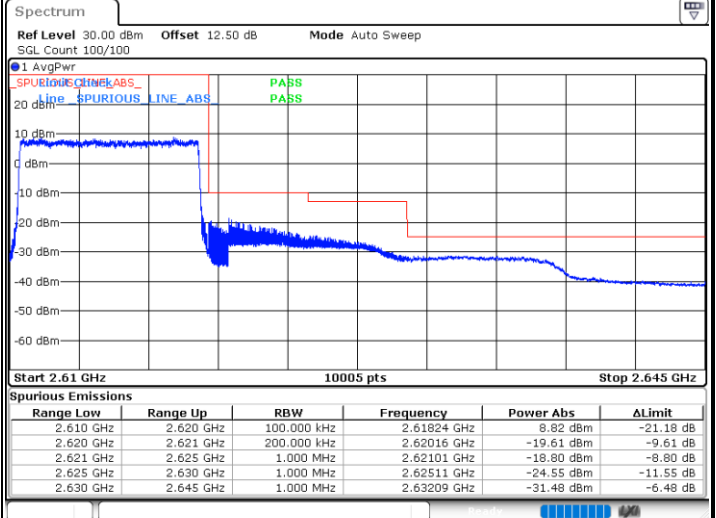


LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / Full RB

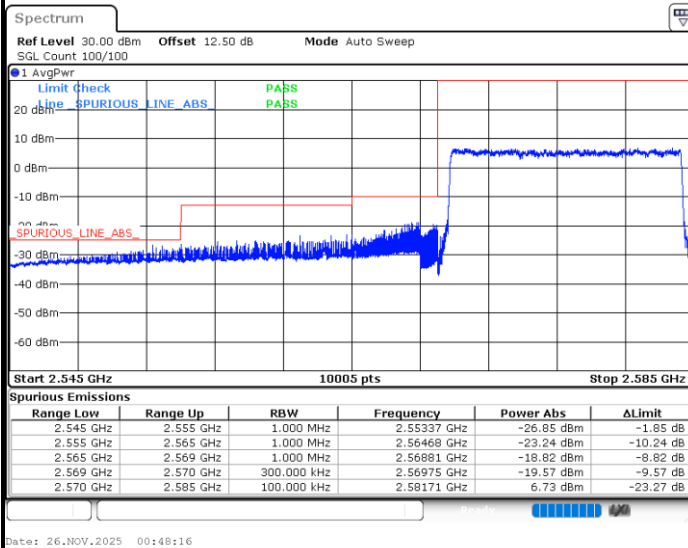


Highest Band Edge / Full RB

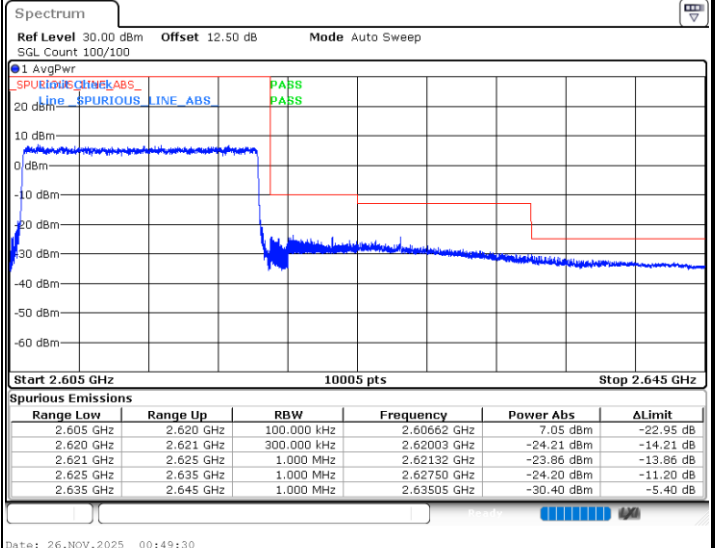


LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

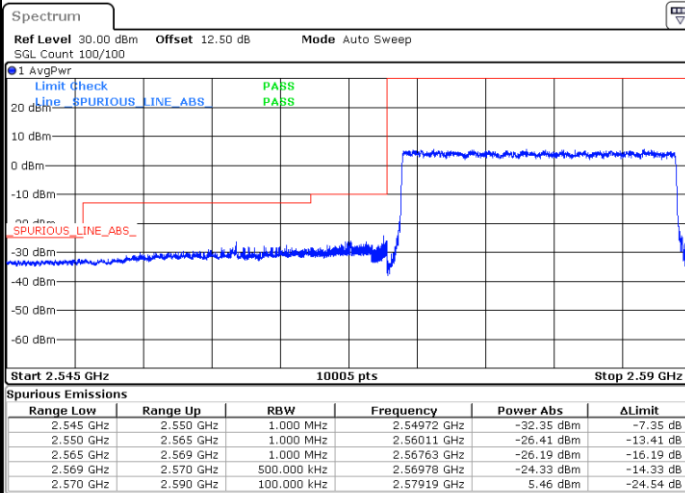




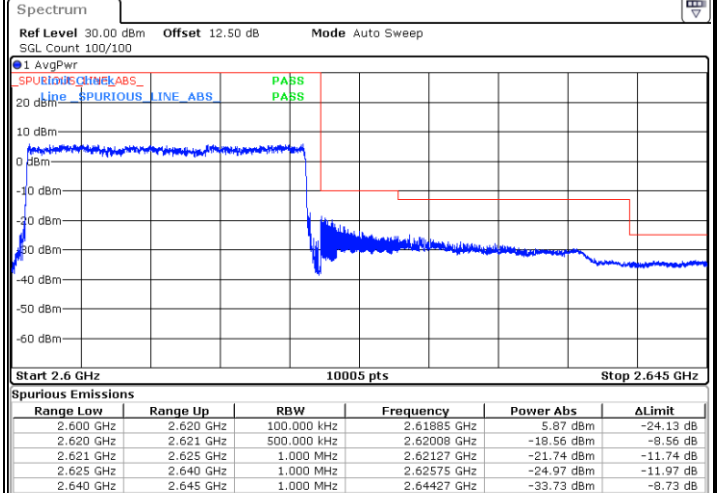
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2025 00:50:52



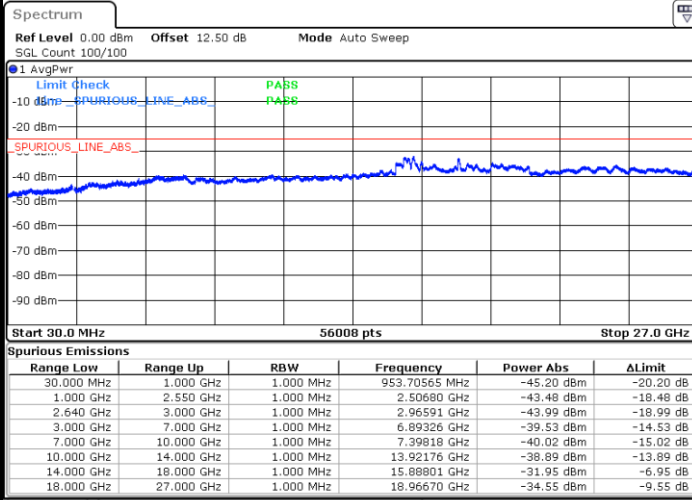
Date: 26.NOV.2025 00:52:06



Conducted Spurious Emission

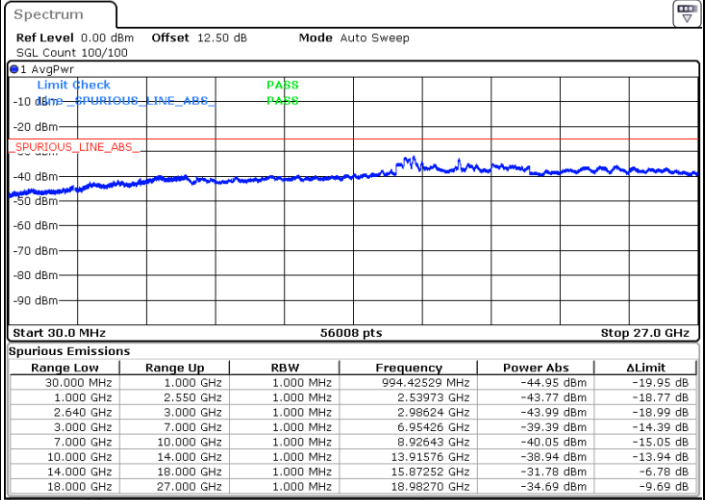
LTE Band 38 / 5MHz

Lowest Channel / QPSK



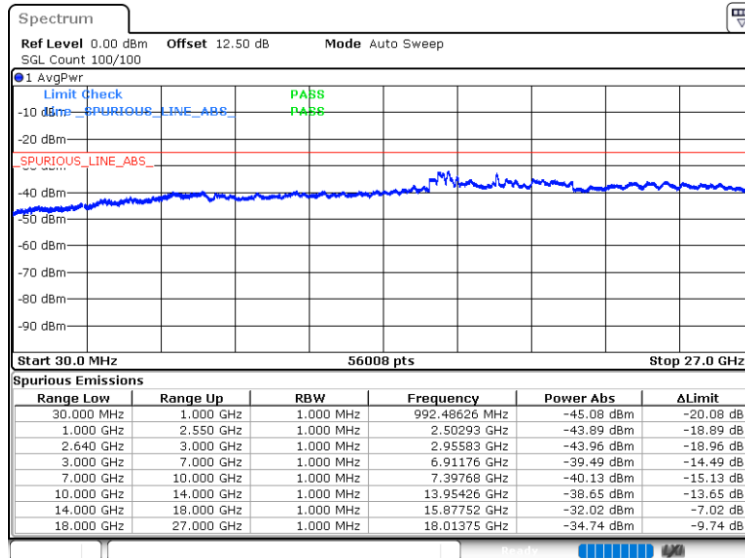
Date: 26.NOV.2025 00:53:37

Middle Channel / QPSK



Date: 26.NOV.2025 00:55:10

Highest Channel / QPSK

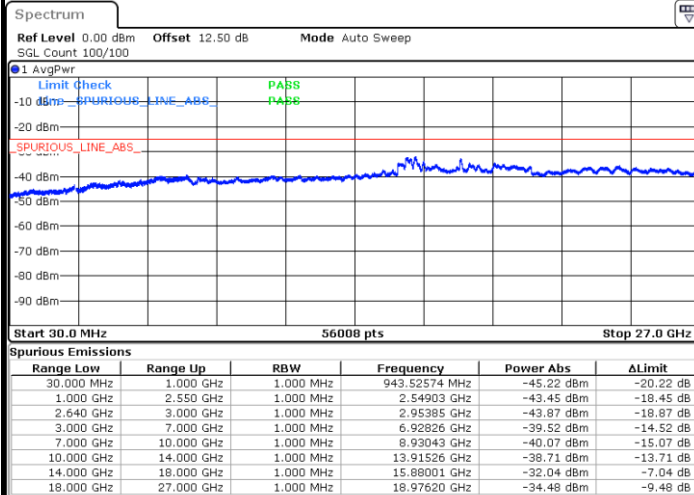


Date: 26.NOV.2025 00:56:42



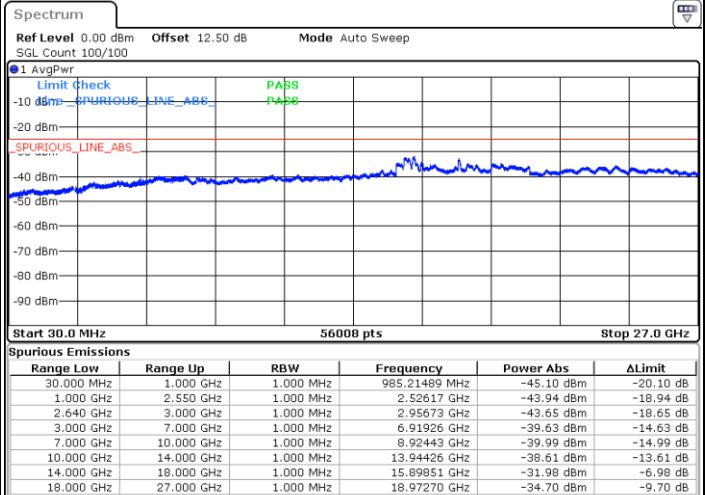
LTE Band 38 / 10MHz

Lowest Channel / QPSK



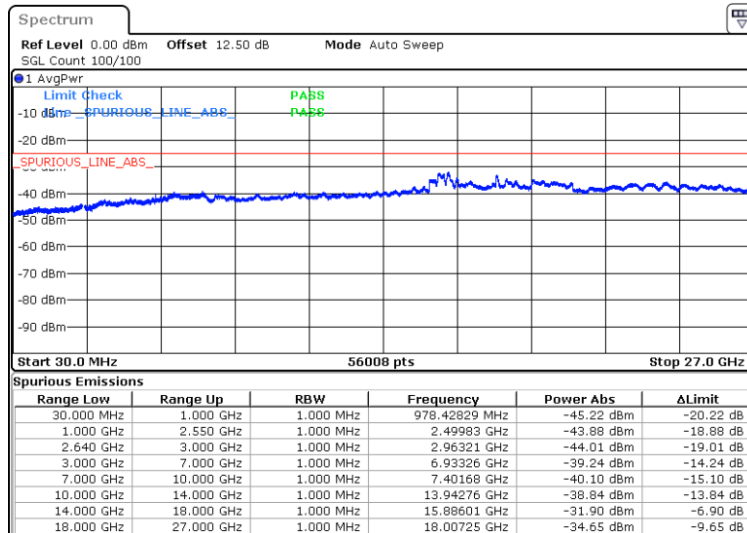
Date: 26.NOV.2025 00:58:14

Middle Channel / QPSK



Date: 26.NOV.2025 00:59:46

Highest Channel / QPSK

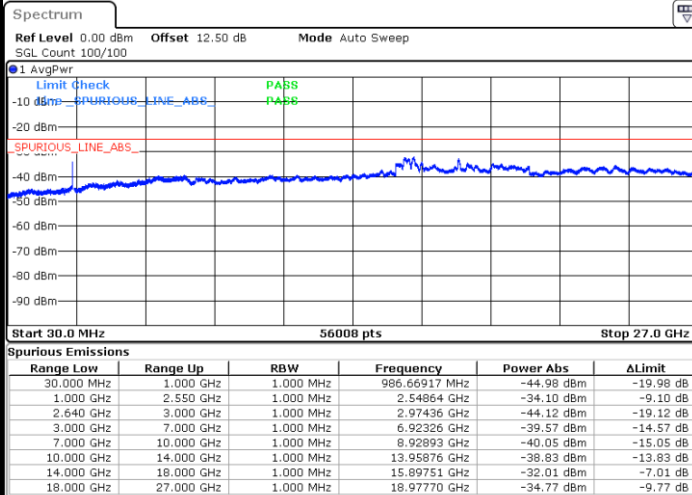


Date: 26.NOV.2025 01:01:19



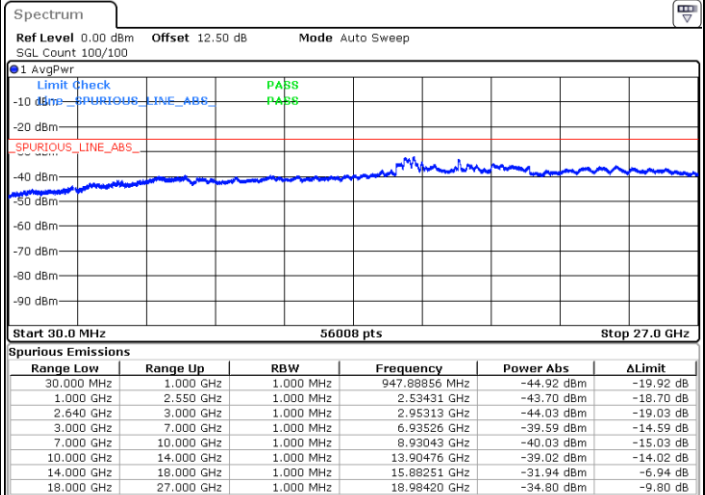
LTE Band 38 / 15MHz

Lowest Channel / QPSK



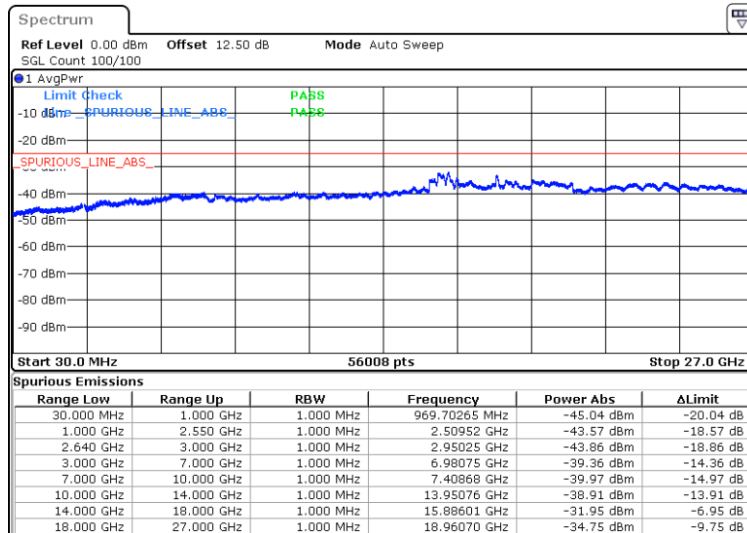
Date: 26.NOV.2025 01:02:52

Middle Channel / QPSK



Date: 26.NOV.2025 01:04:24

Highest Channel / QPSK

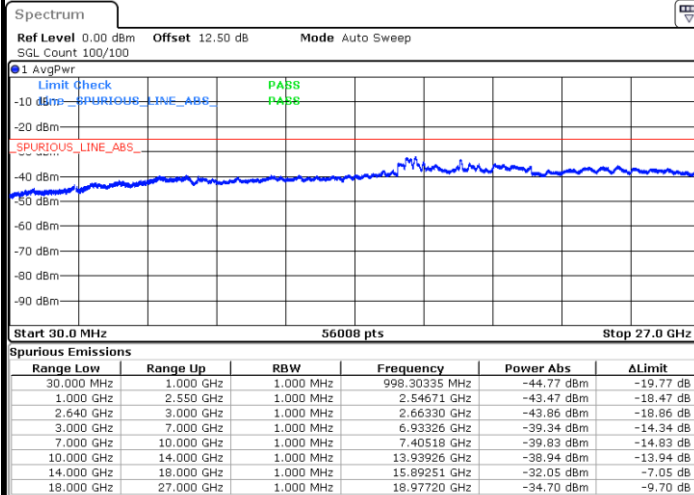


Date: 26.NOV.2025 01:05:56



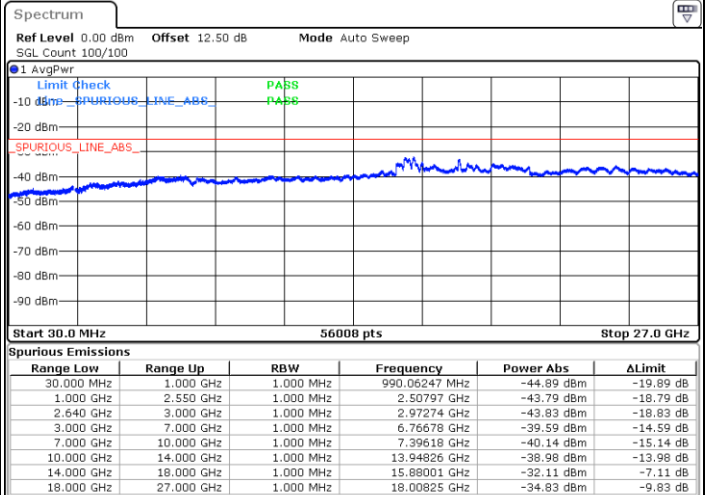
LTE Band 38 / 20MHz

Lowest Channel / QPSK



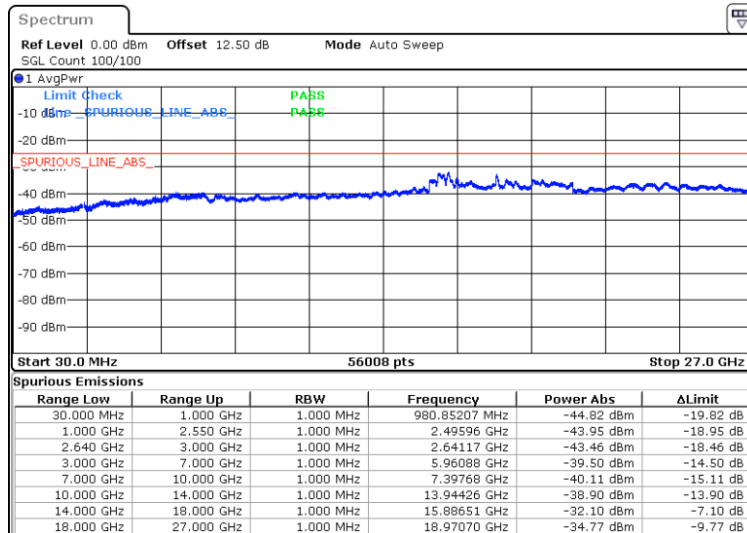
Date: 26.NOV.2025 01:07:37

Middle Channel / QPSK



Date: 26.NOV.2025 01:09:10

Highest Channel / QPSK



Date: 26.NOV.2025 01:10:43

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0037	-9.6	Yes	PASS
40	Normal Voltage	0.0023	-6	Yes	
30	Normal Voltage	0.0017	-4.3	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0003	0.9	Yes	
0	Normal Voltage	0.0024	-6.2	Yes	
-10	Normal Voltage	0.0004	-1.1	Yes	
-20	Normal Voltage	0.0037	-9.5	Yes	
-30	Normal Voltage	0.0065	-16.9	Yes	
20	Maximum Voltage	0.0027	-6.9	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0045	-11.7	Yes	

Note:

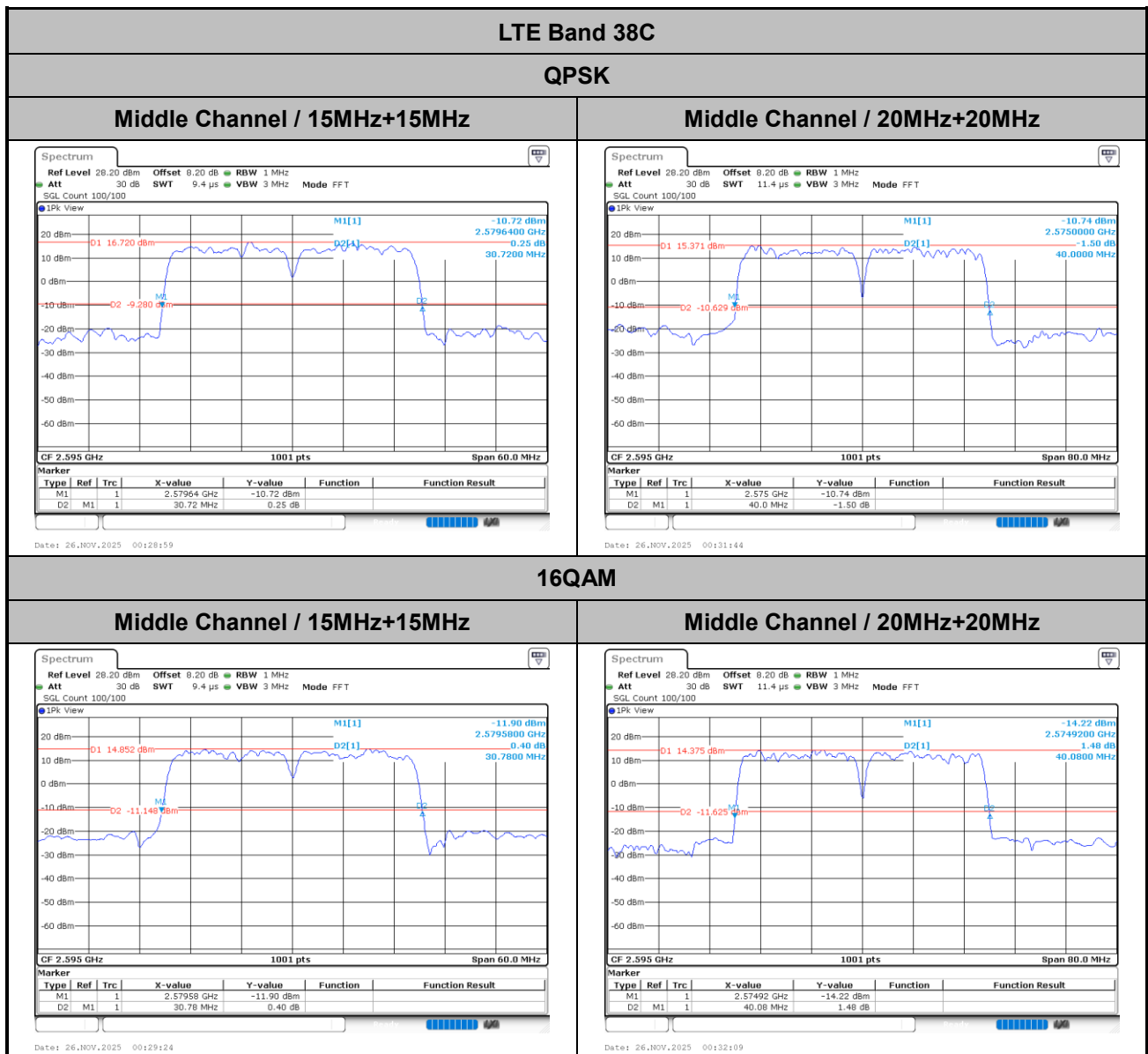
1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 38C

26dB Bandwidth

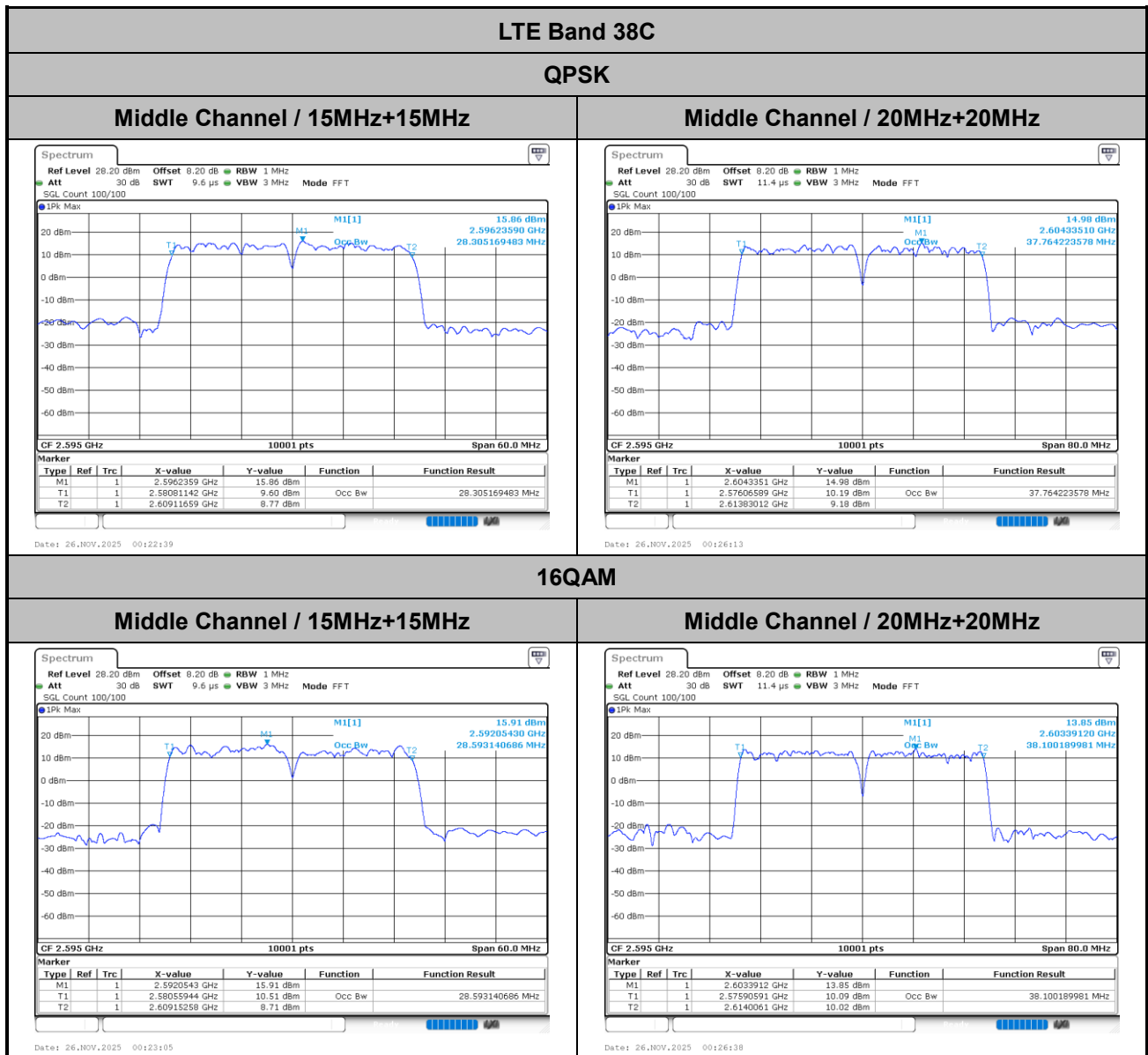
Mode	LTE Band 38C : 26dB BW(MHz)	
	QPSK	
BW	15MHz+15MHz	20MHz+20MHz
Middle CH	30.72	40.00
	16QAM	
BW	15MHz+15MHz	20MHz+20MHz
Middle CH	30.78	40.08





Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
	QPSK	
BW	15MHz+15MHz	20MHz+20MHz
Middle CH	28.30	37.76
	16QAM	
BW	15MHz+15MHz	20MHz+20MHz
Middle CH	28.59	38.10



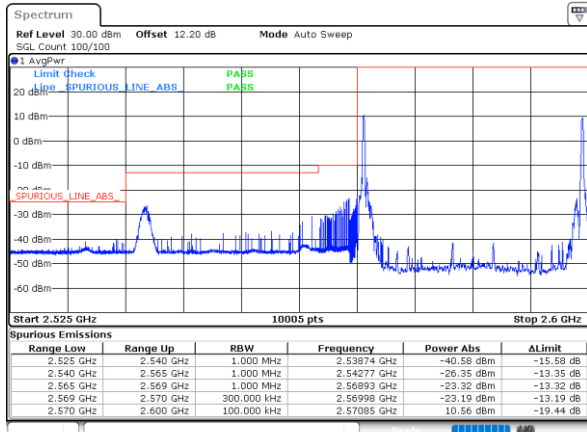


Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

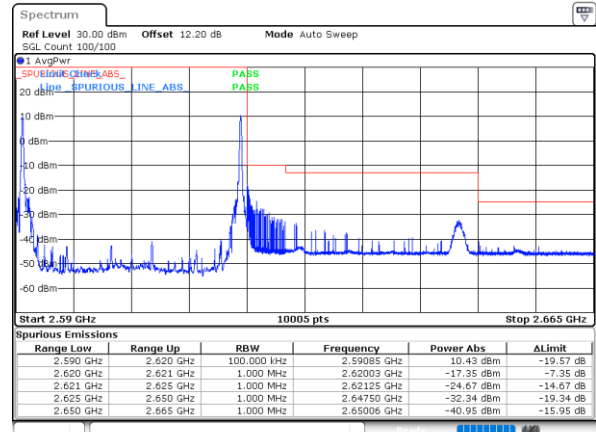
QPSK

Lowest Band Edge / 1RB0 and 1RB74



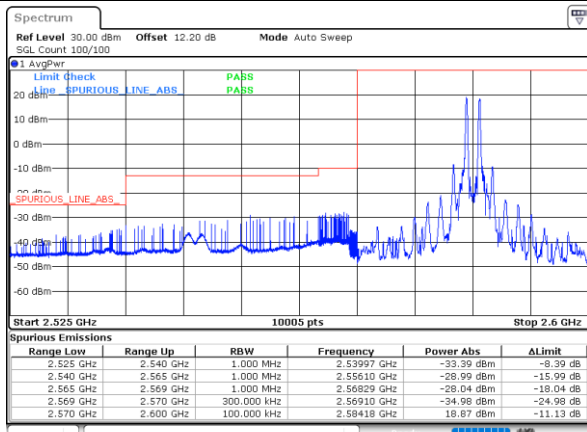
Date: 26.NOV.2025 00:40:03

Highest Band Edge / 1RB0 and 1RB74



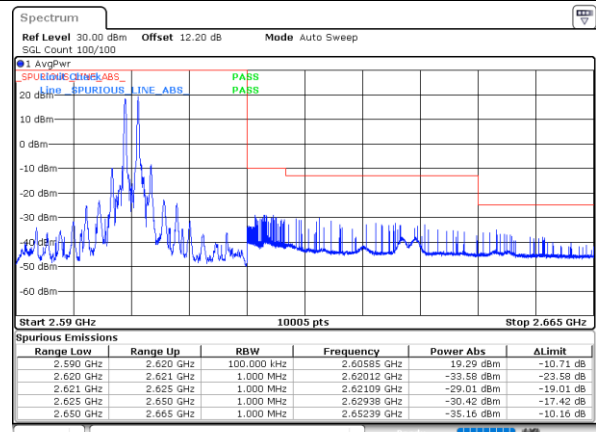
Date: 26.NOV.2025 00:13:43

Lowest Band Edge / 1RB74 and 1RB0



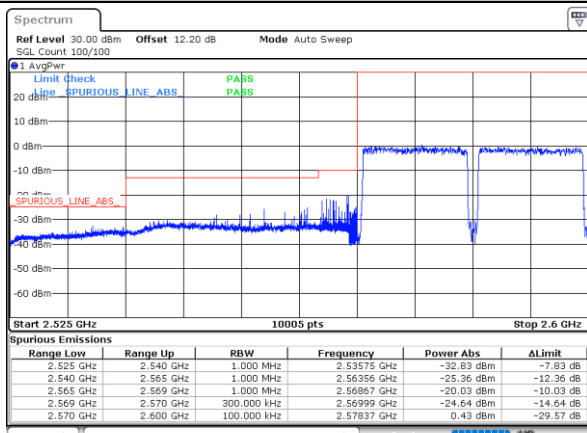
Date: 26.NOV.2025 00:41:08

Highest Band Edge / 1RB74 and 1RB0



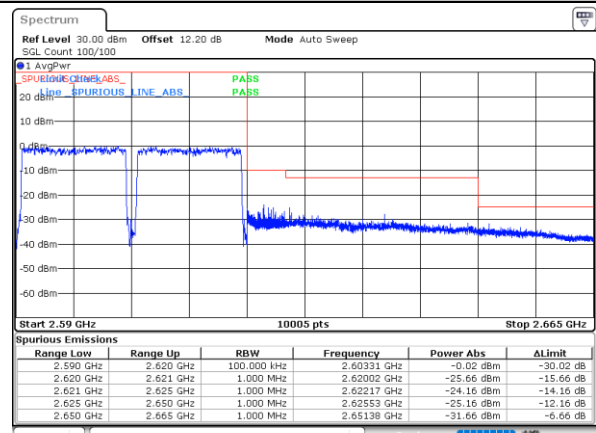
Date: 26.NOV.2025 00:37:48

Lowest Band Edge / Full RB



Date: 26.NOV.2025 00:38:57

Highest Band Edge / Full RB



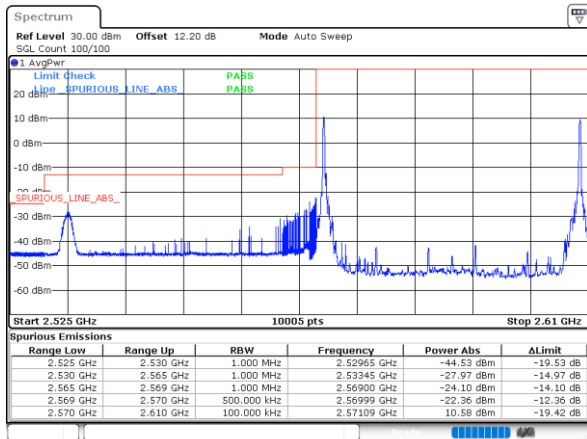
Date: 26.NOV.2025 00:35:37



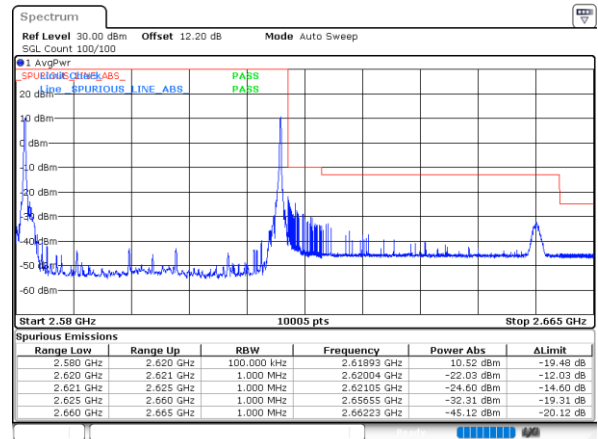
LTE Band 38C / 20MHz+20MHz

QPSK

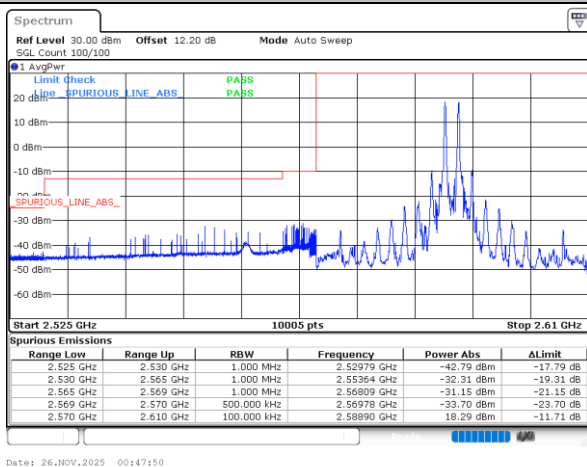
Lowest Band Edge / 1RB0 and 1RB99



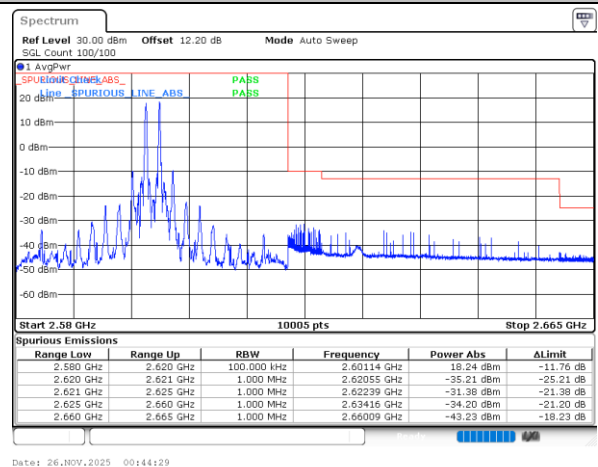
Highest Band Edge / 1RB0 and 1RB99



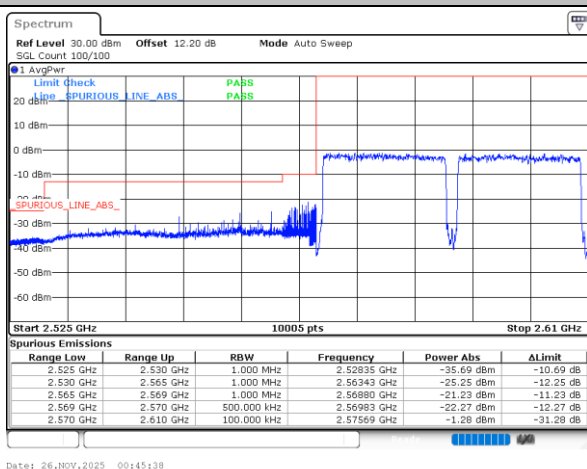
Lowest Band Edge / 1RB99 and 1RB0



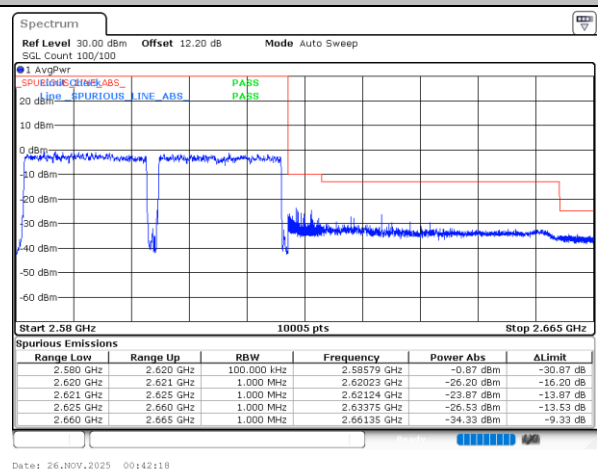
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





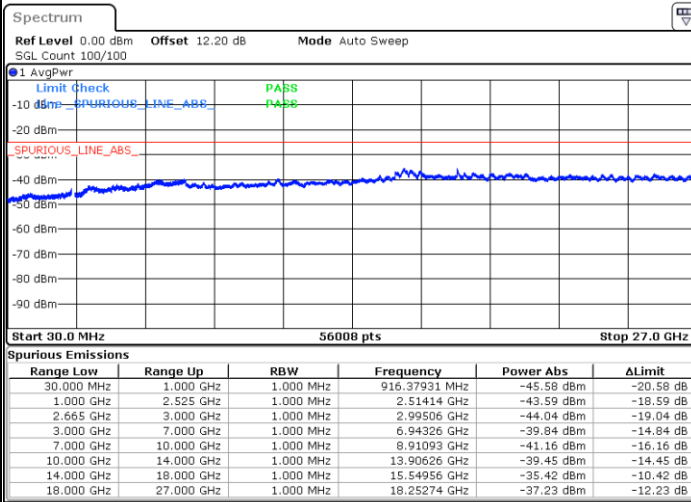
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

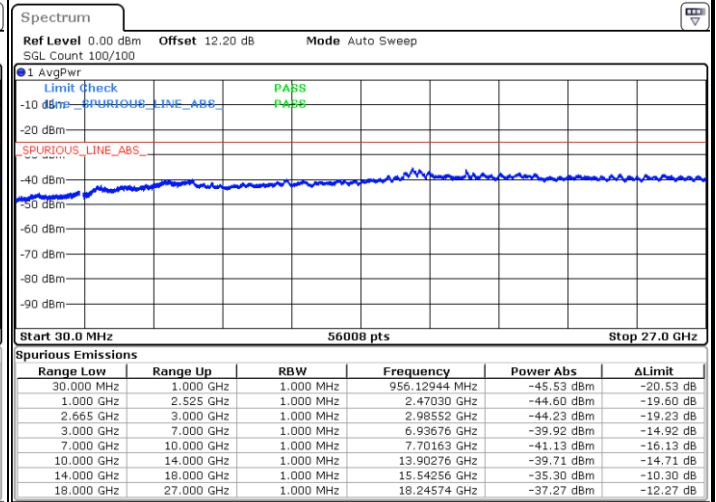
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



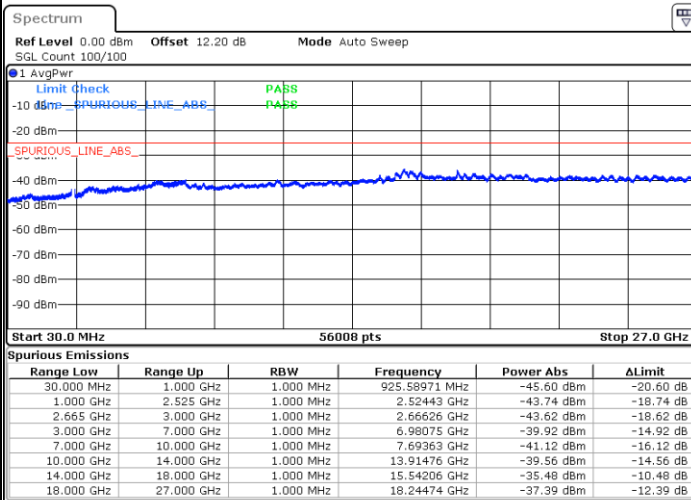
Date: 26.NOV.2025 00:55:37



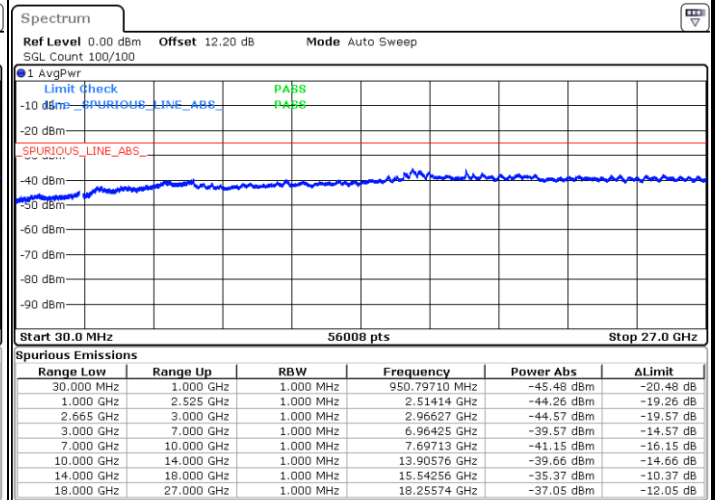
Date: 26.NOV.2025 00:54:21

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 26.NOV.2025 00:51:47



Date: 26.NOV.2025 00:53:02

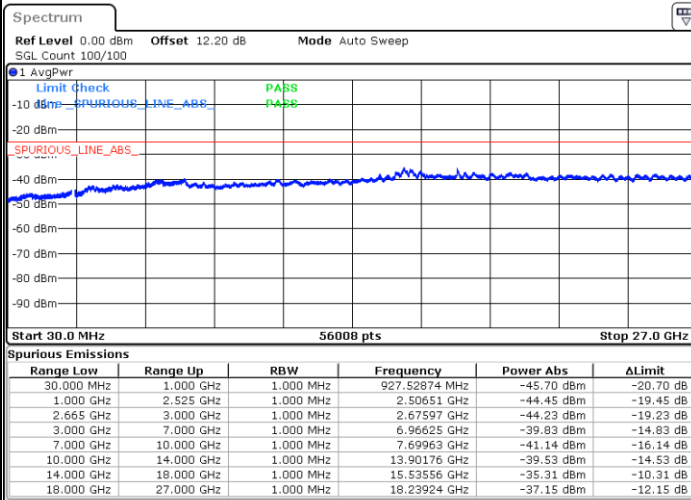


LTE Band 38C / 15MHz+15MHz

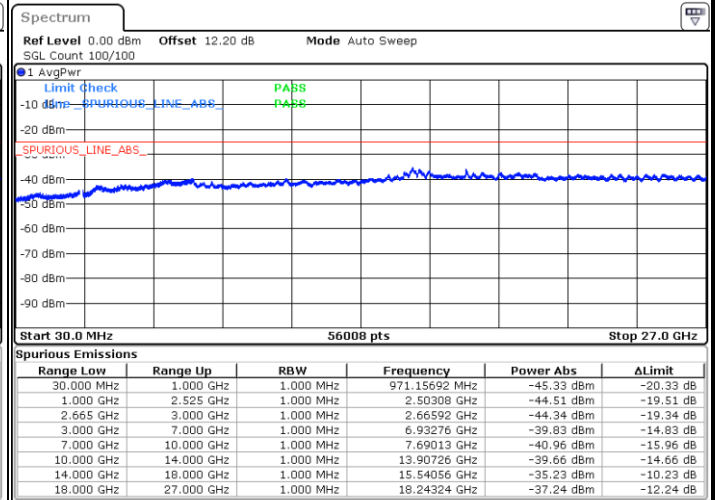
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 26.NOV.2025 00:50:28



Date: 26.NOV.2025 00:49:12

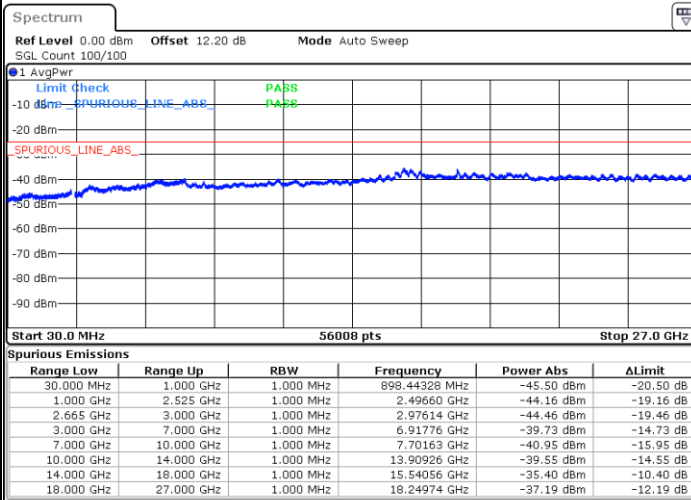


LTE Band 38C / 20MHz+20MHz

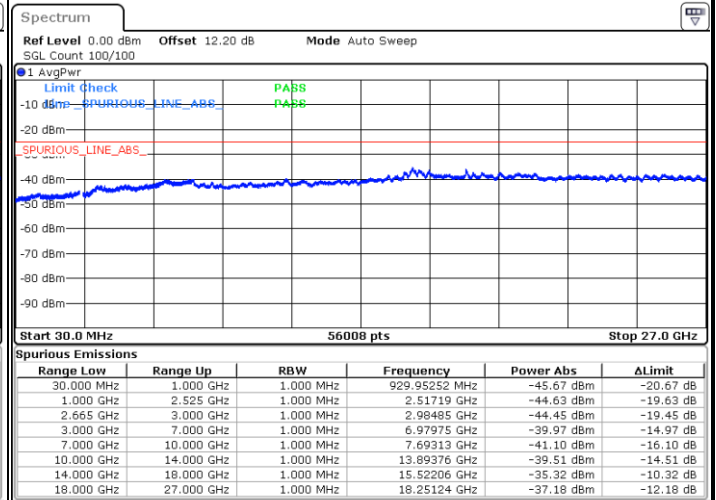
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



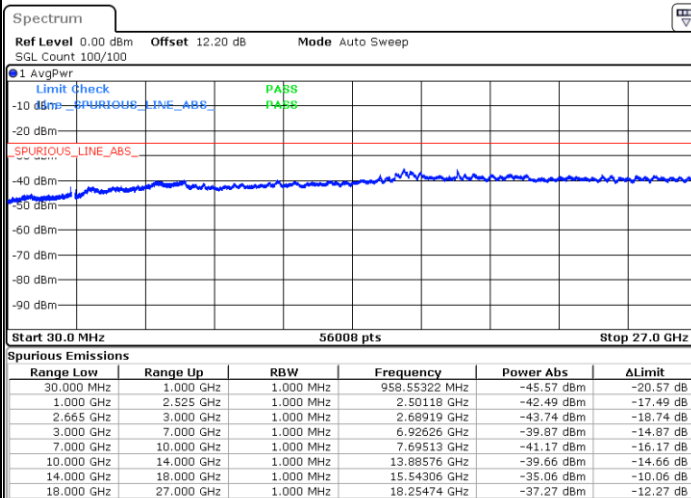
Date: 26.NOV.2025 01:03:22



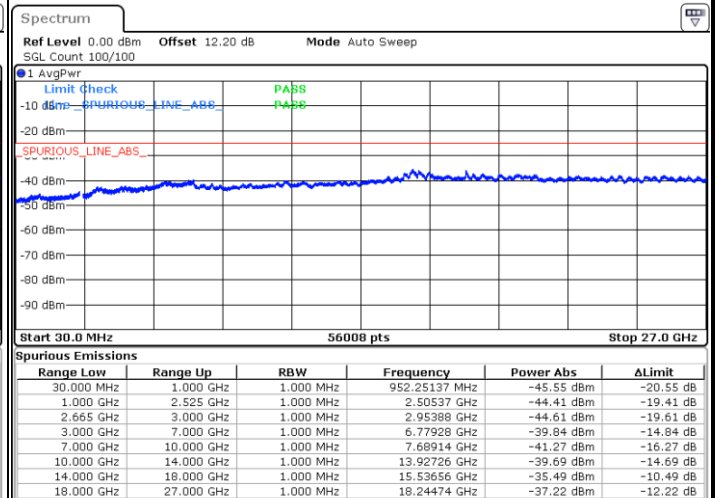
Date: 26.NOV.2025 01:02:06

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 26.NOV.2025 00:59:32



Date: 26.NOV.2025 01:00:47

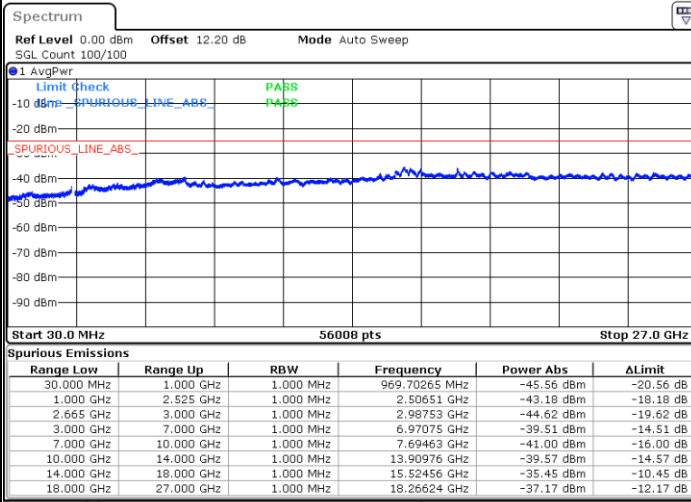


LTE Band 38C / 20MHz+20MHz

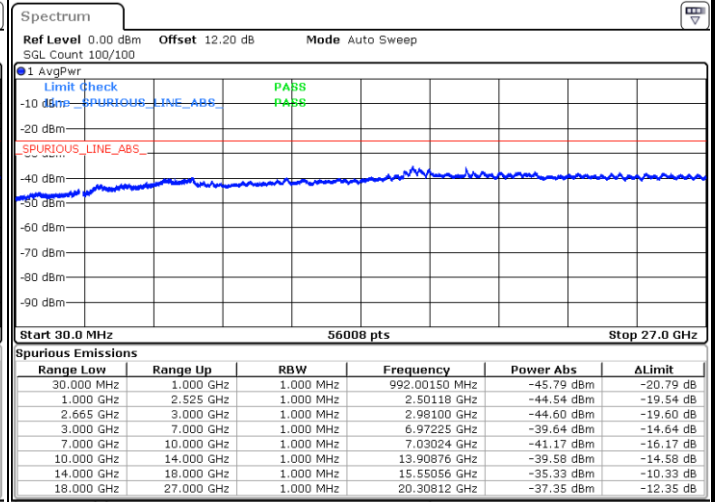
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 26.NOV.2025 00:58:13



Date: 26.NOV.2025 00:56:57



LTE Band 41

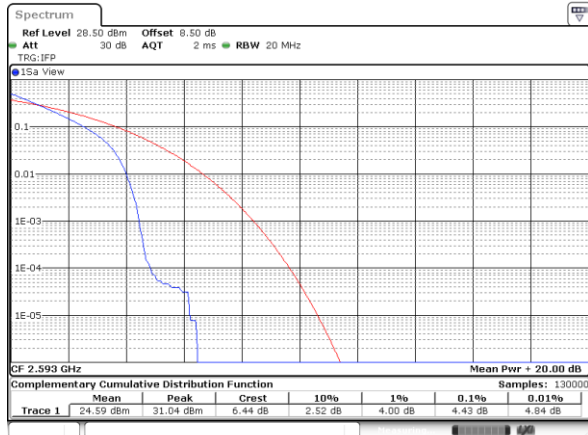
Peak-to-Average Ratio

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	5.42	6.49	6.75	PASS

Mode	LTE Band 41 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.46	5.36	PASS
Mode	LTE Band 41 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.43	5.28	PASS
Mode	LTE Band 41 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.55	5.39	PASS

LTE Band 41 / 20MHz / QPSK

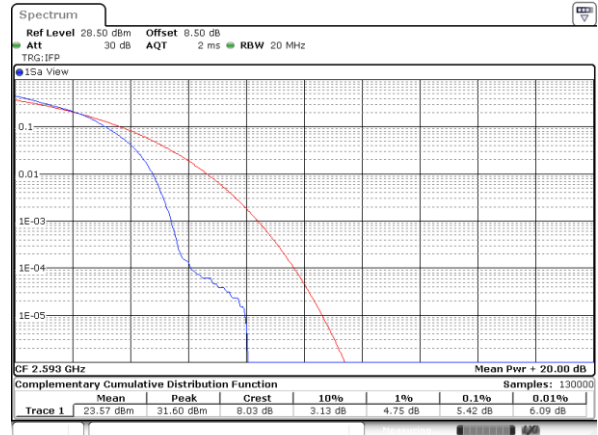
Middle Channel / Full RB



Date: 26.NOV.2025 01:47:47

LTE Band 41 / 20MHz / 16QAM

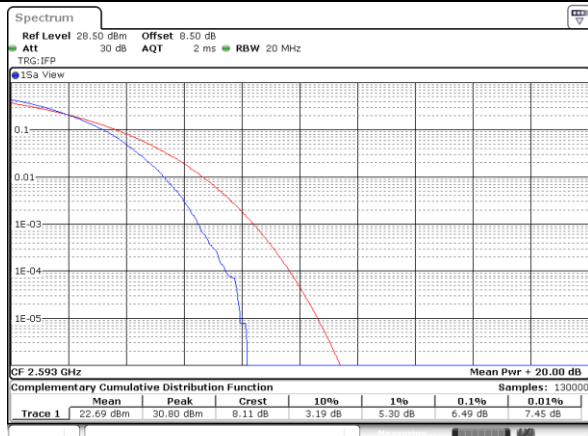
Middle Channel / Full RB



Date: 26.NOV.2025 01:48:24

LTE Band 41 / 20MHz / 64QAM

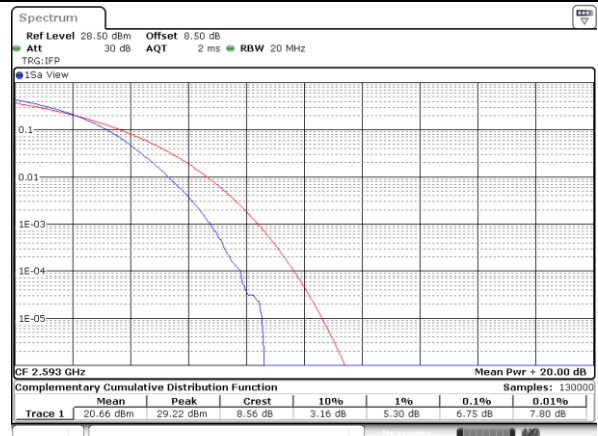
Middle Channel / Full RB



Date: 26.NOV.2025 01:49:01

LTE Band 41 / 20MHz / 256QAM

Middle Channel / Full RB

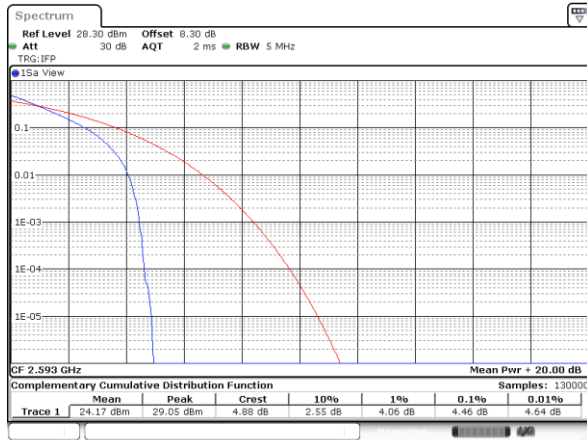


Date: 26.NOV.2025 01:49:37



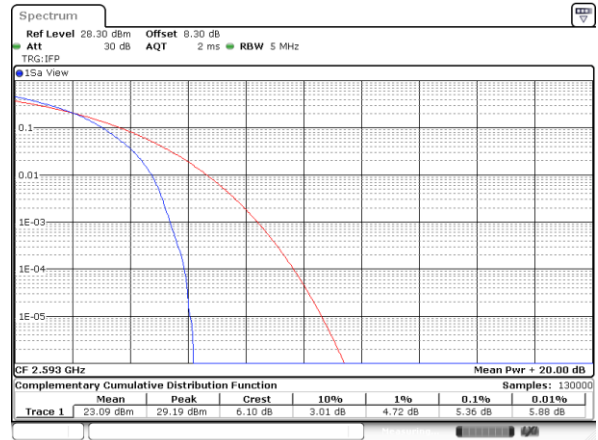
LTE Band 41 / 5MHz / QPSK

Middle Channel / Full RB



LTE Band 41 / 5MHz / 16QAM

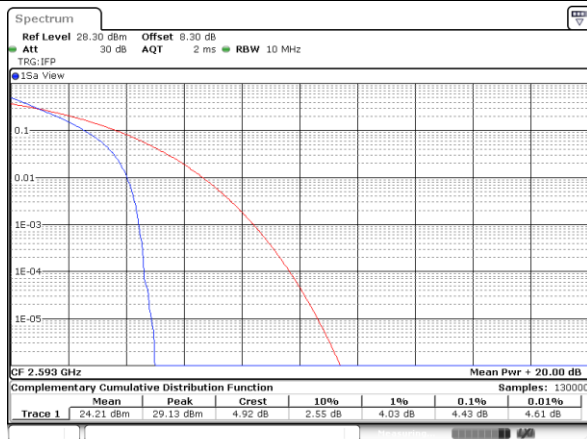
Middle Channel / Full RB



LTE Band 41

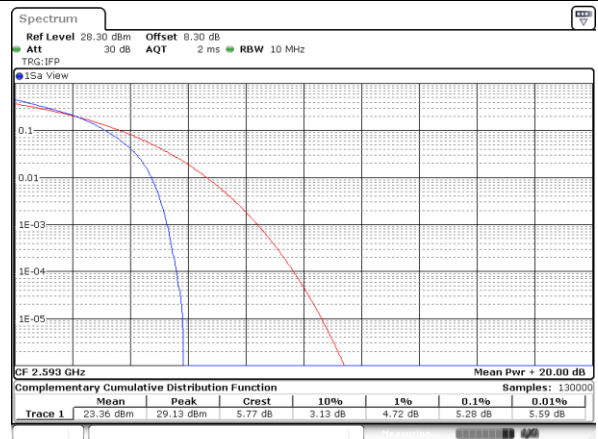
LTE Band 41 / 10MHz / QPSK

Middle Channel / Full RB



LTE Band 41 / 10MHz / 16QAM

Middle Channel / Full RB





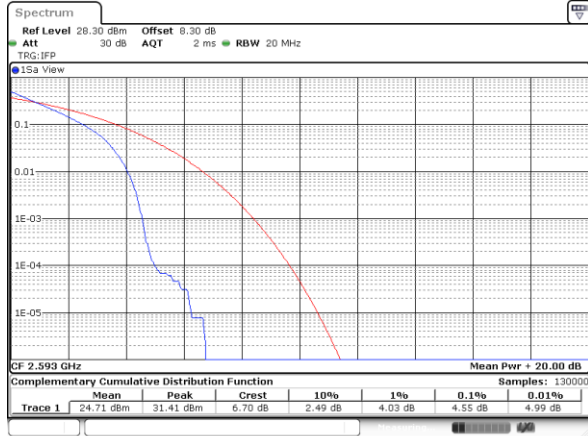
LTE Band 41

LTE Band 41 / 15MHz / QPSK

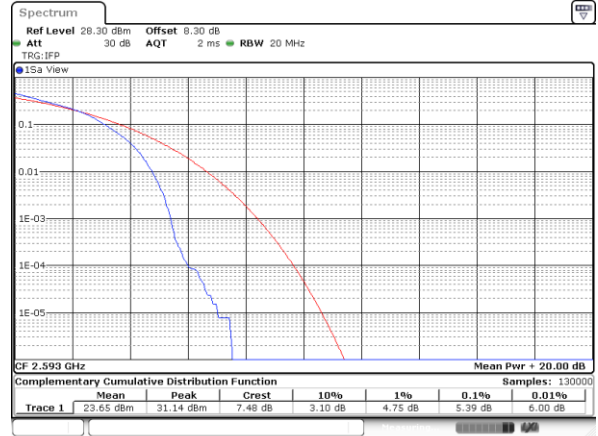
LTE Band 41 / 15MHz / 16QAM

Middle Channel / Full RB

Middle Channel / Full RB



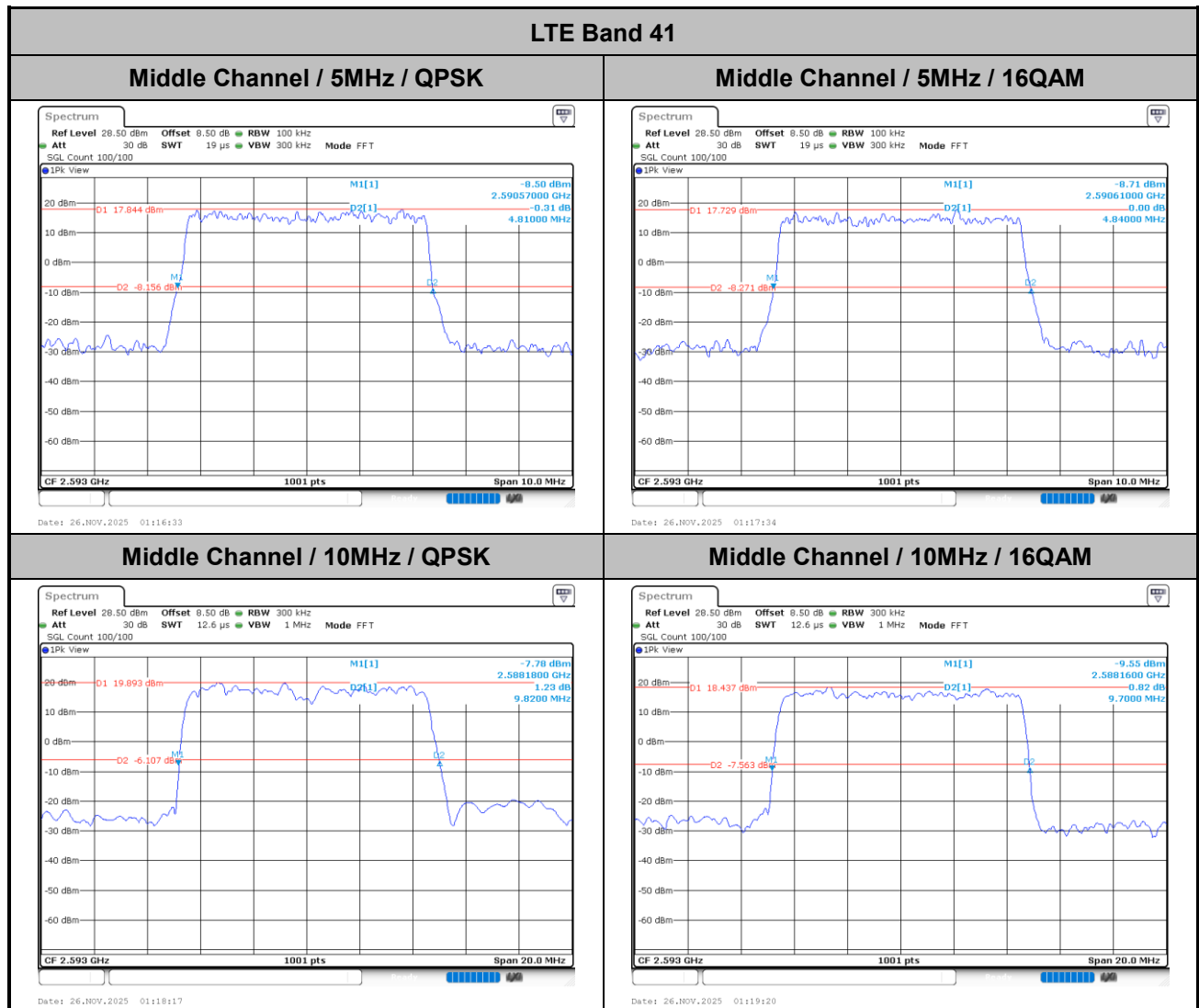
Date: 25.MAY.2026 21:50:39



Date: 25.MAY.2026 21:50:02

**26dB Bandwidth**

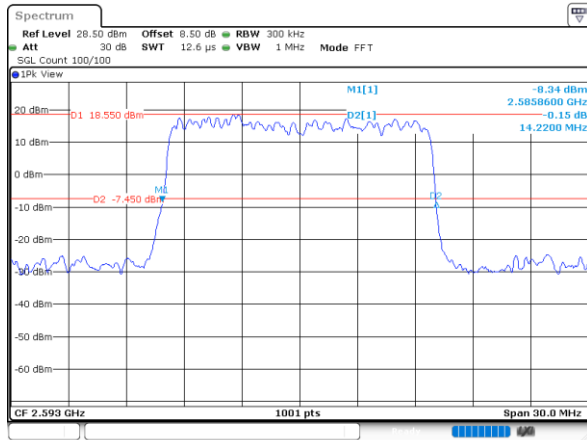
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.81	4.84	9.82	9.70	14.22	14.22	18.76	18.80





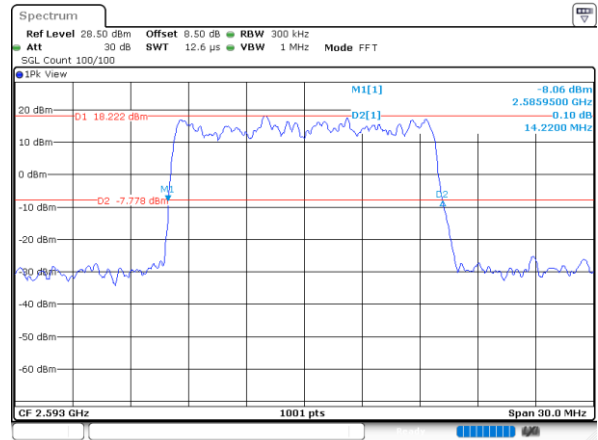
LTE Band 41

Middle Channel / 15MHz / QPSK



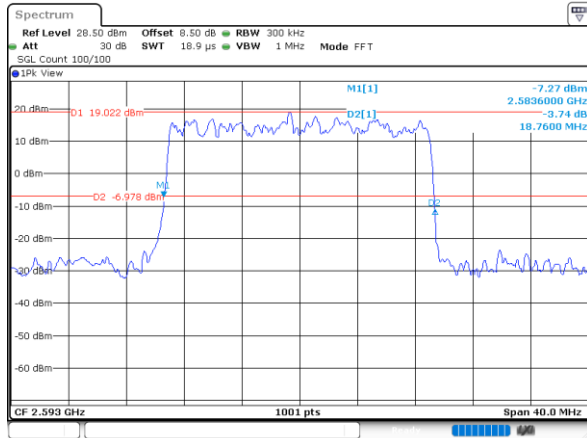
Date: 26,NOV,2025 03:23:56

Middle Channel / 15MHz / 16QAM



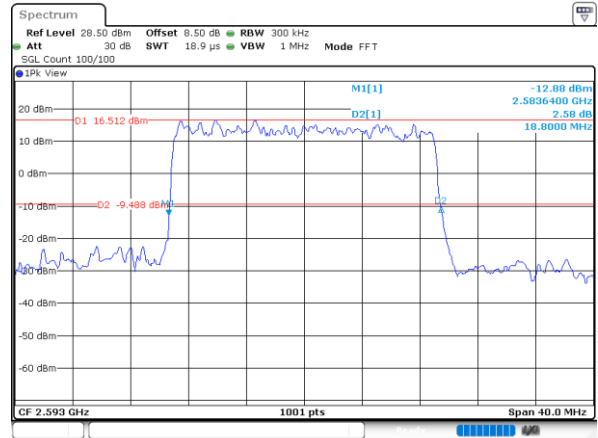
Date: 26,NOV,2025 03:24:38

Middle Channel / 20MHz / QPSK



Date: 26,NOV,2025 03:29:29

Middle Channel / 20MHz / 16QAM

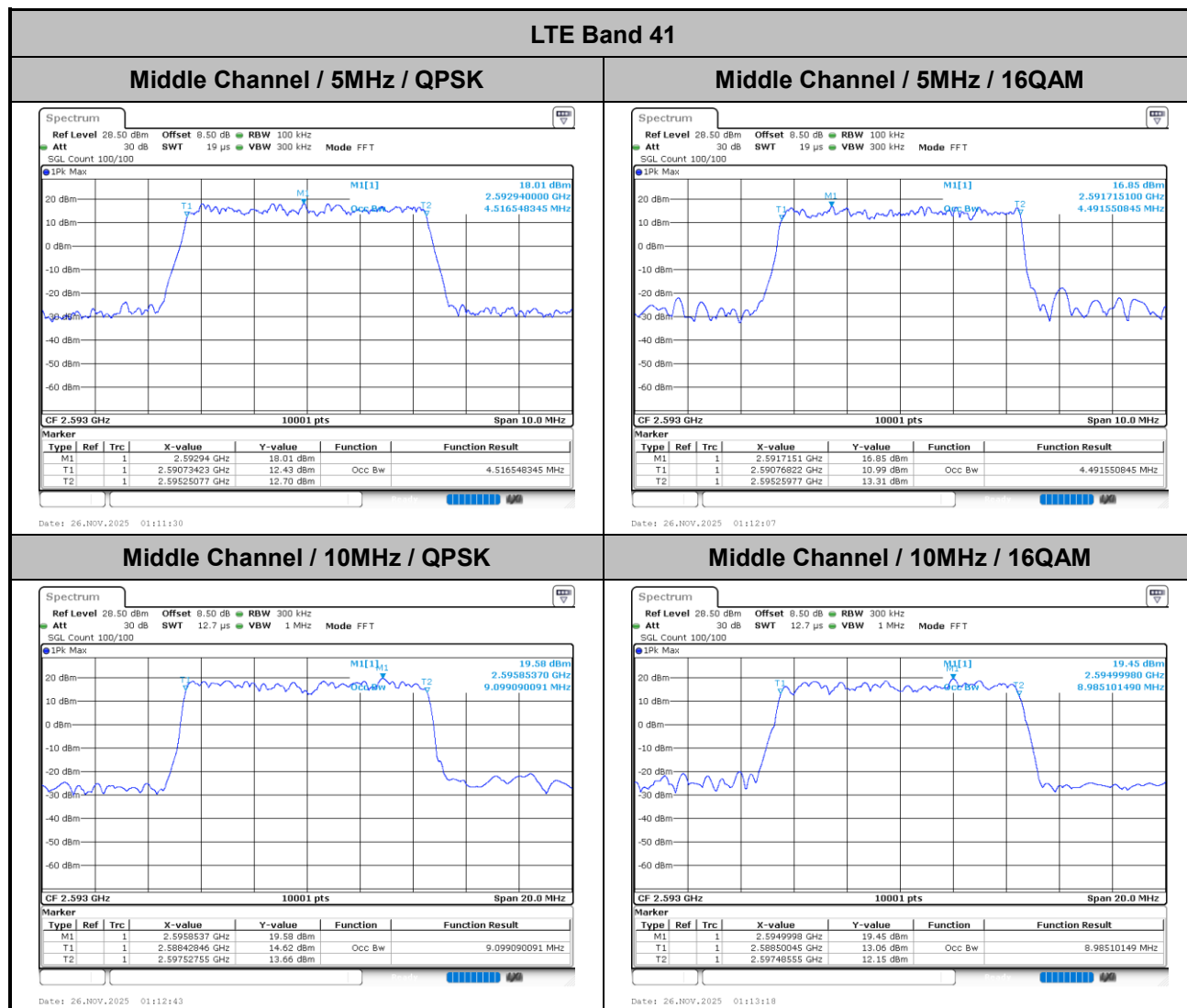


Date: 26,NOV,2025 03:30:18



Occupied Bandwidth

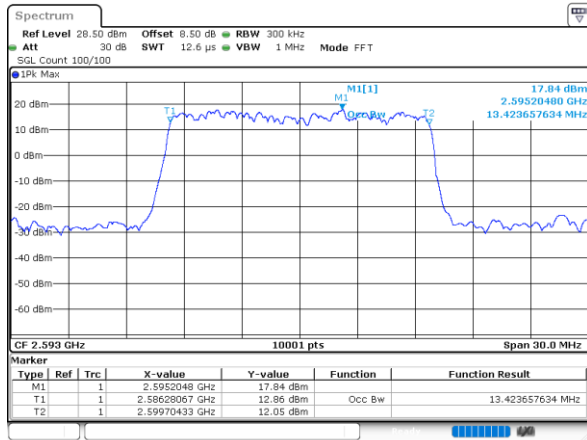
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.51	4.49	9.09	8.98	13.42	13.43	17.87	17.87



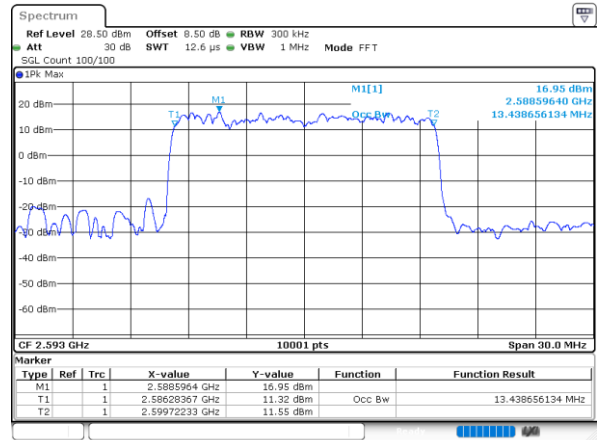


LTE Band 41

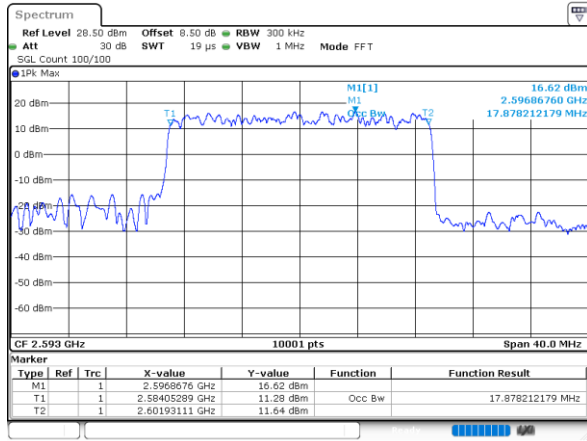
Middle Channel / 15MHz / QPSK



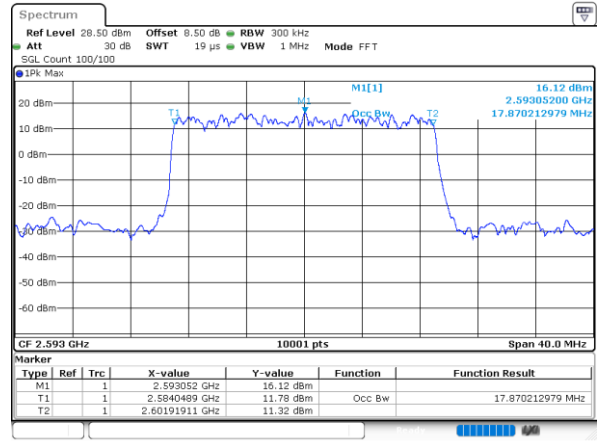
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

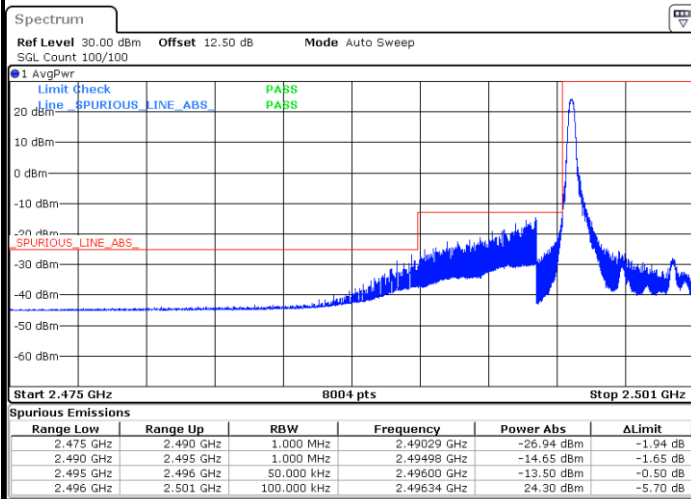




Conducted Band Edge

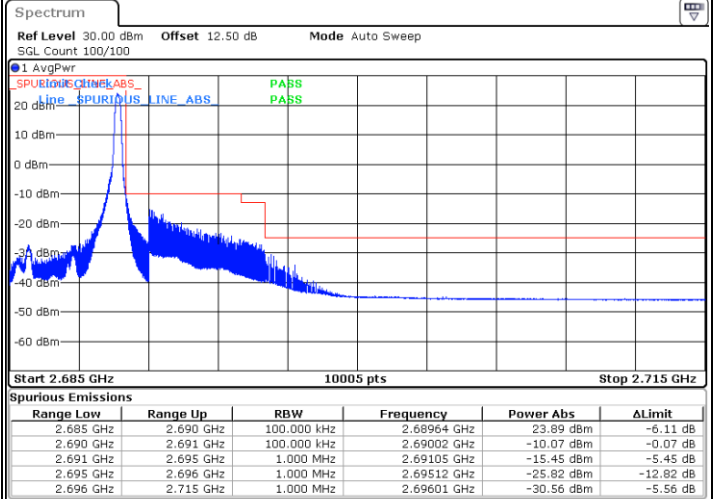
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



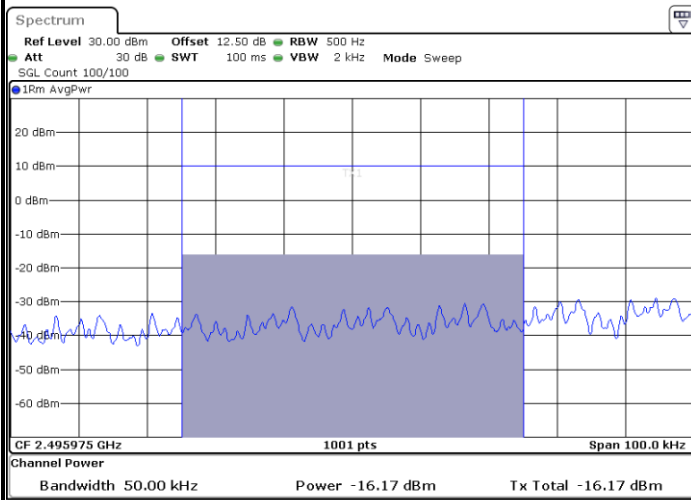
Date: 26.NOV.2025 01:50:52

Highest Band Edge / 1 RB



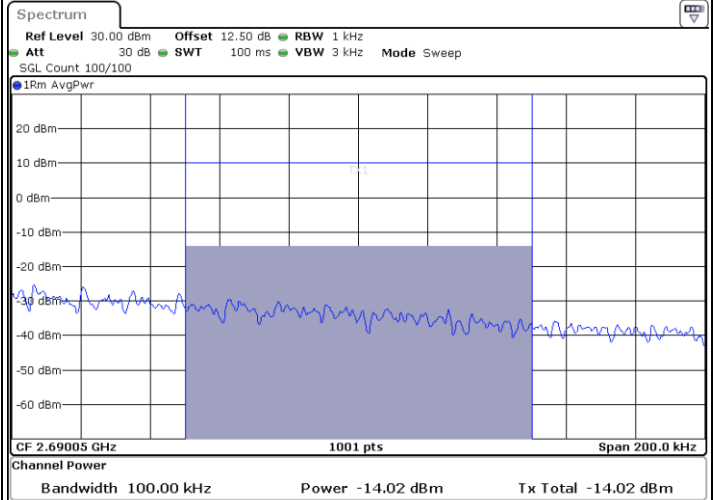
Date: 26.NOV.2025 01:54:37

Lowest Band Edge / 1 RB / CHP

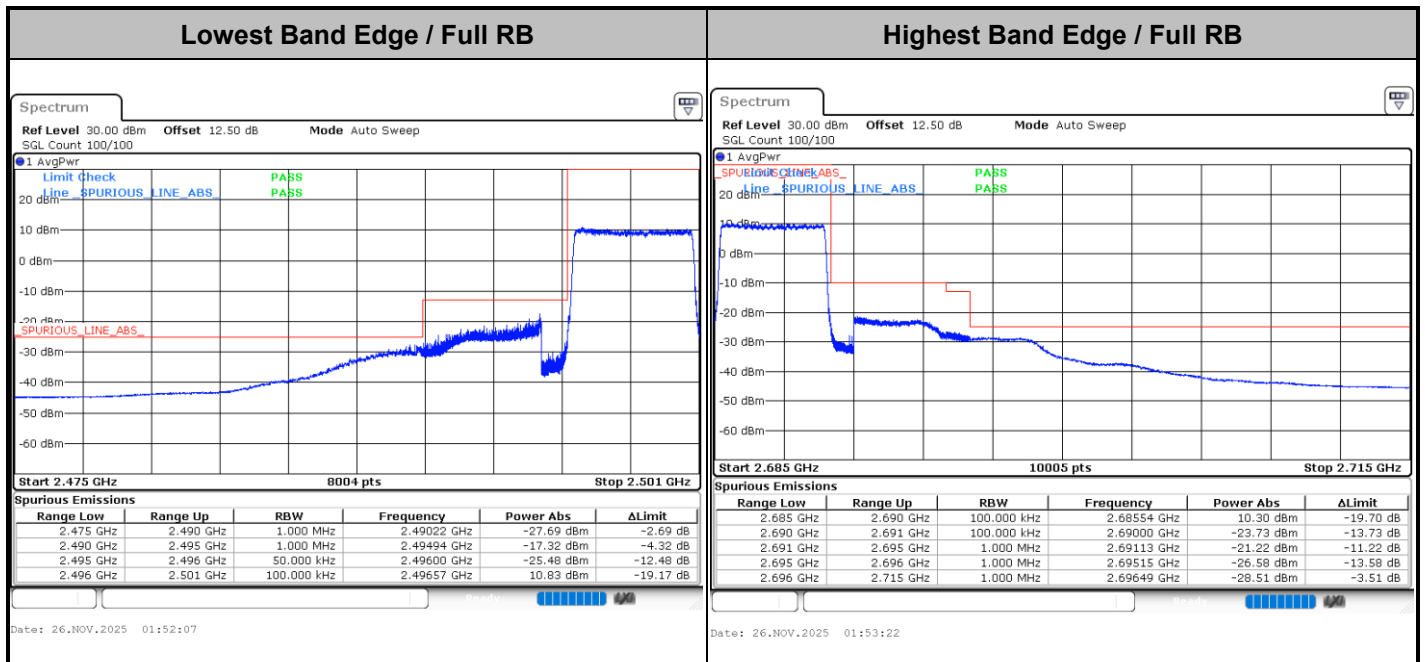


Date: 26.NOV.2025 03:21:33

Highest Band Edge / 1 RB / CHP



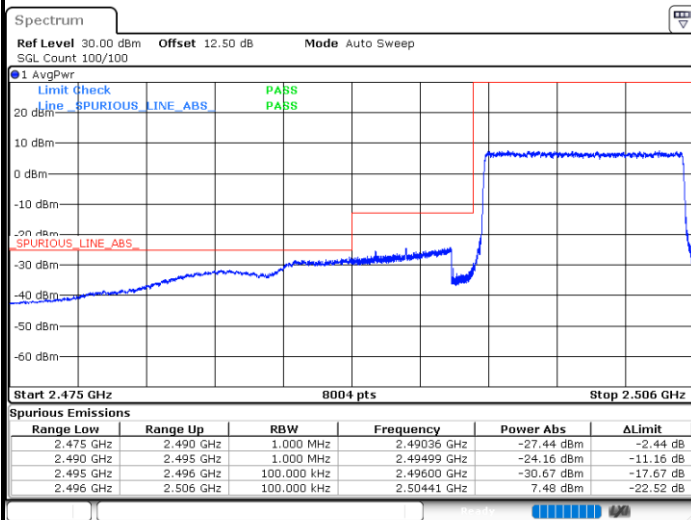
Date: 26.NOV.2025 03:14:01



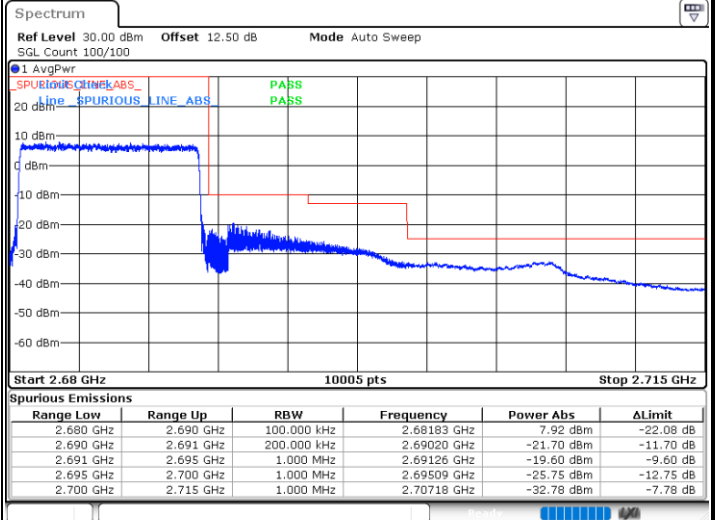


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

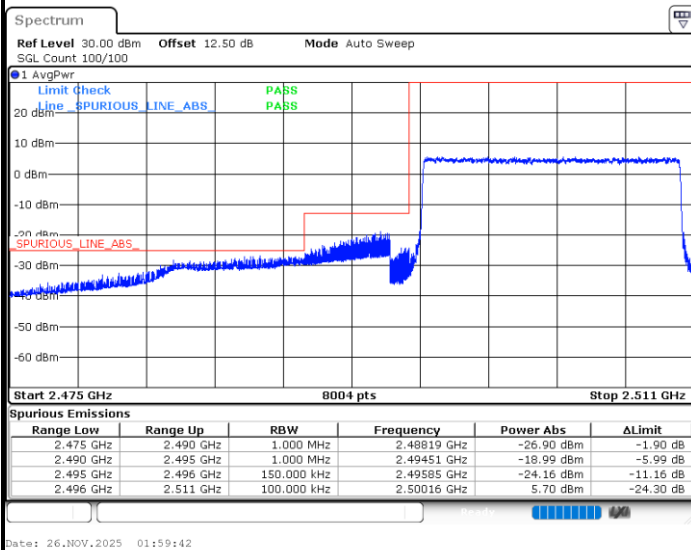


Highest Band Edge / Full RB

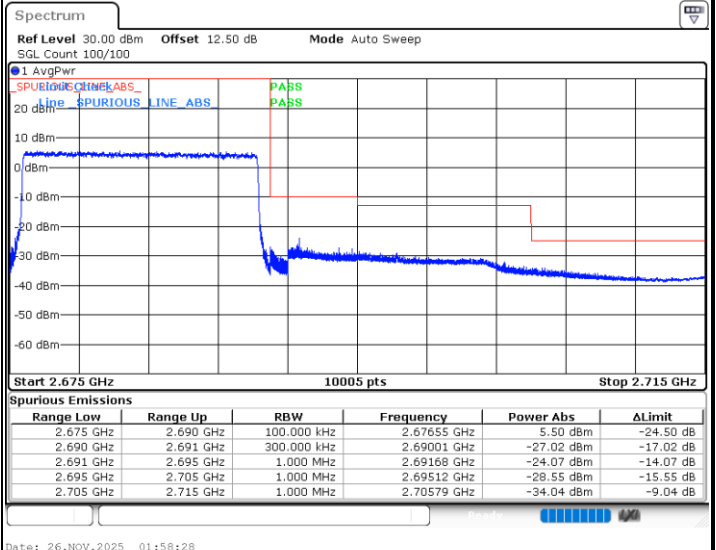


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

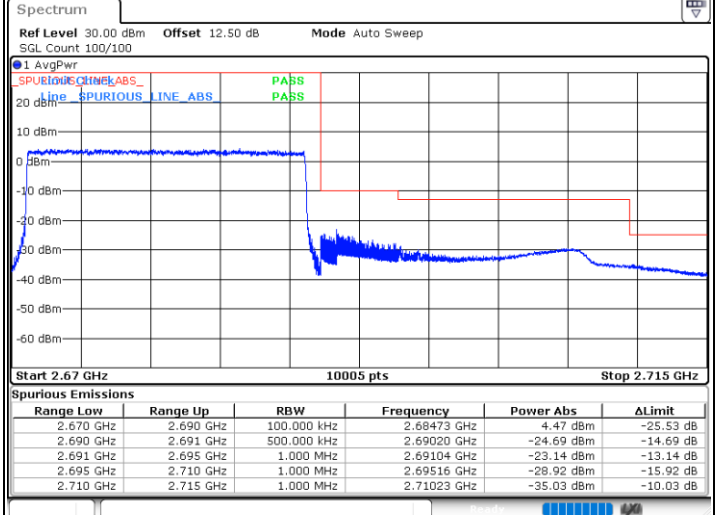
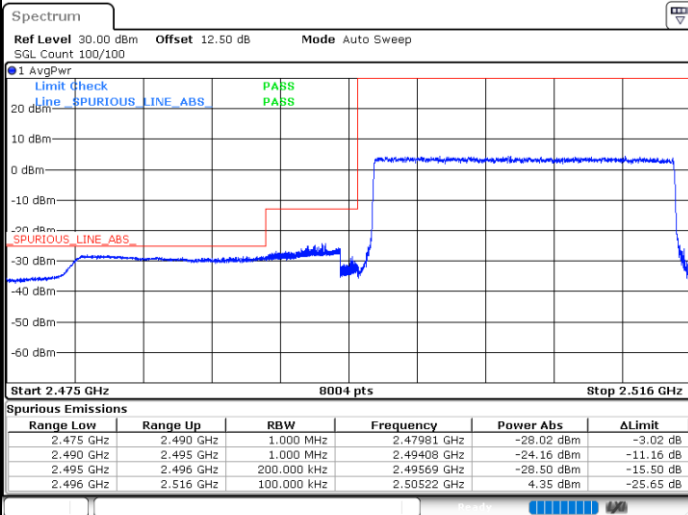




LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

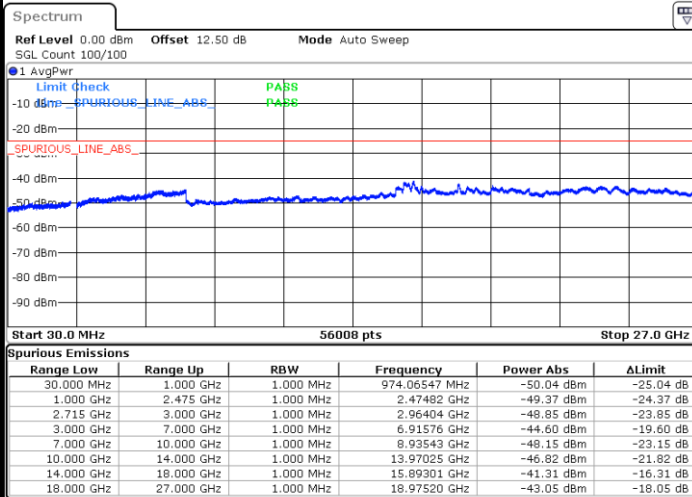




Conducted Spurious Emission

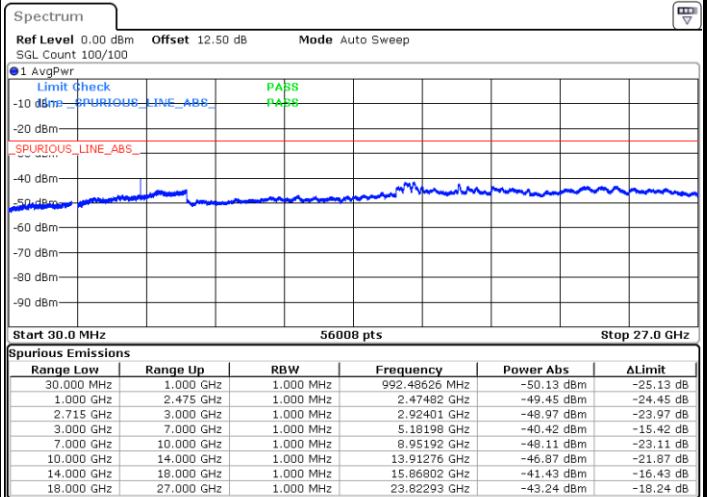
LTE Band 41 / 5MHz

Lowest Channel / QPSK



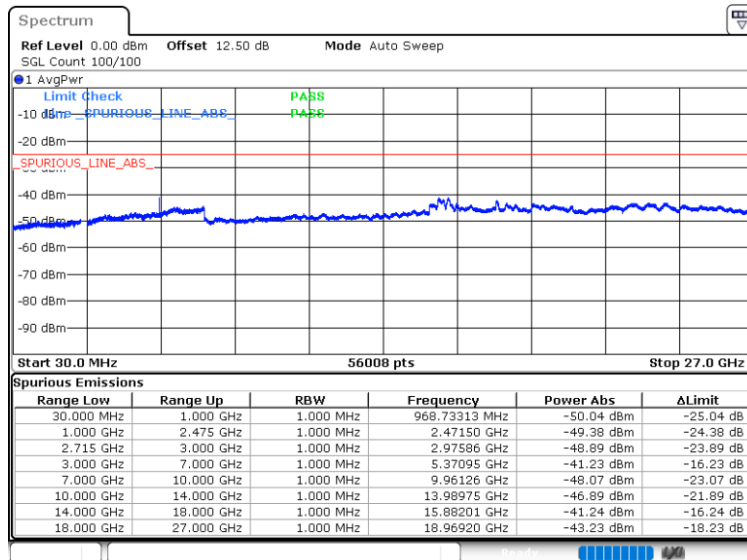
Date: 26.NOV.2025 02:03:39

Middle Channel / QPSK



Date: 26.NOV.2025 02:05:13

Highest Channel / QPSK



Date: 26.NOV.2025 02:06:49