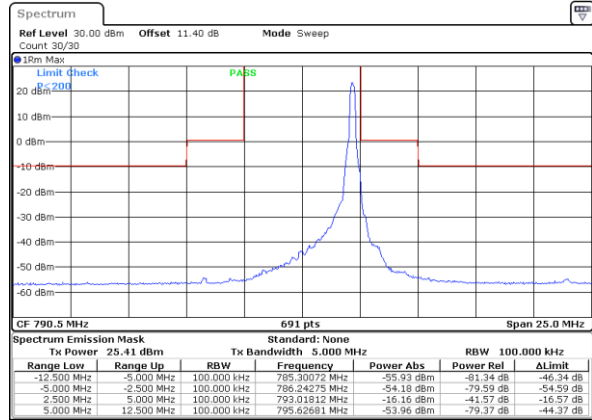
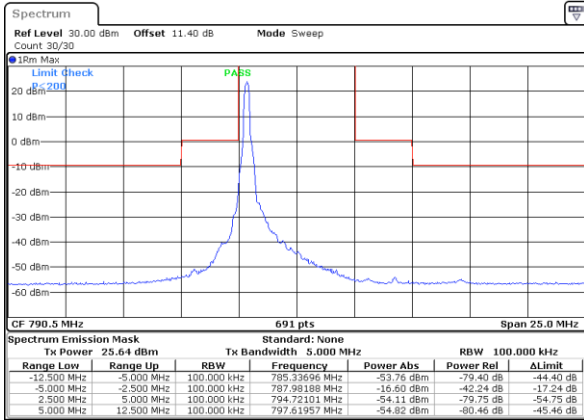
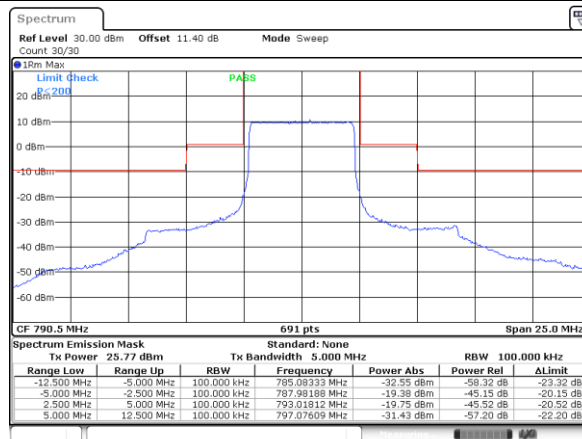
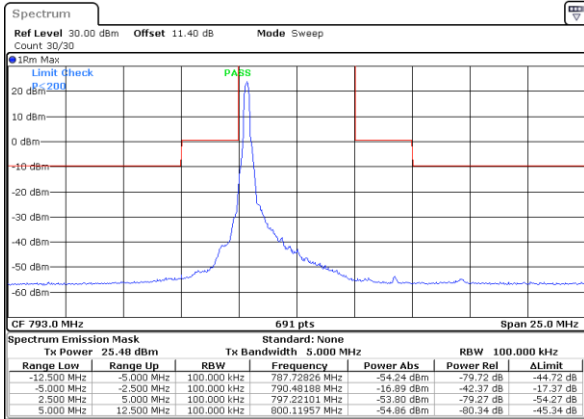


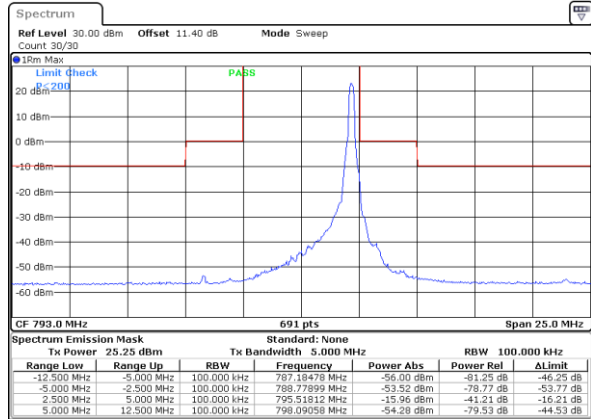
**Mask****LTE Band 14 / 5MHz / QPSK****Lowest Channel / 1RB****Lowest Channel / Full RB**

LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

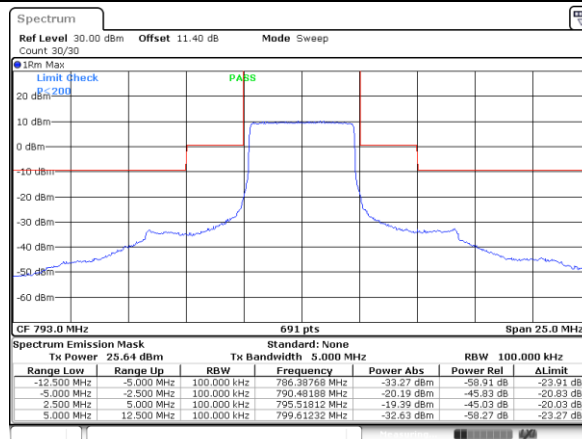


Date: 10, JUL, 2025 11:10:26



Date: 10, JUL, 2025 11:12:03

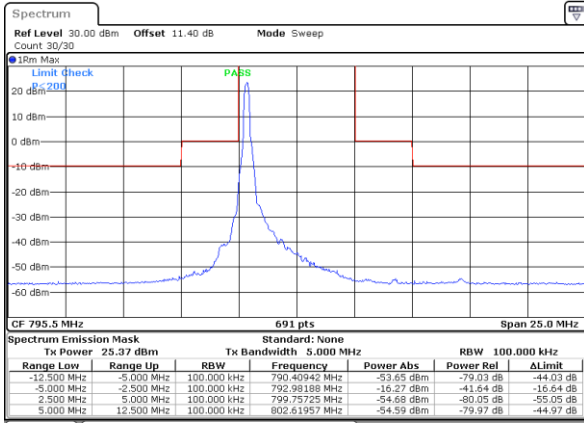
Middle Channel / Full RB



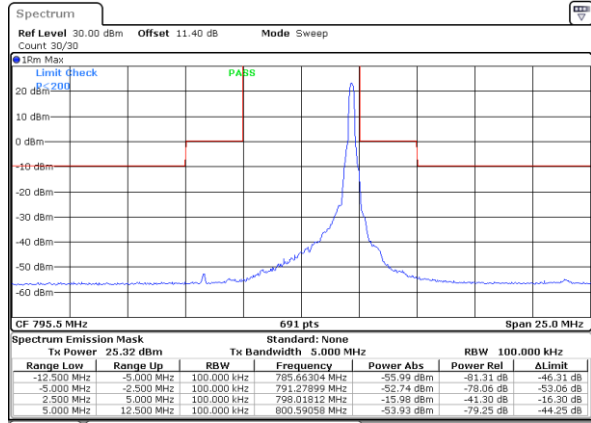
Date: 10, JUL, 2025 11:07:54

LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

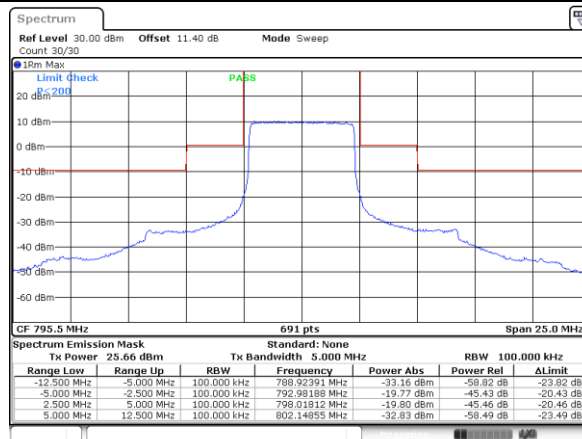


Date: 10_JUL_2025 11:15:44



Date: 10_JUL_2025 11:17:35

Highest Channel / Full RB

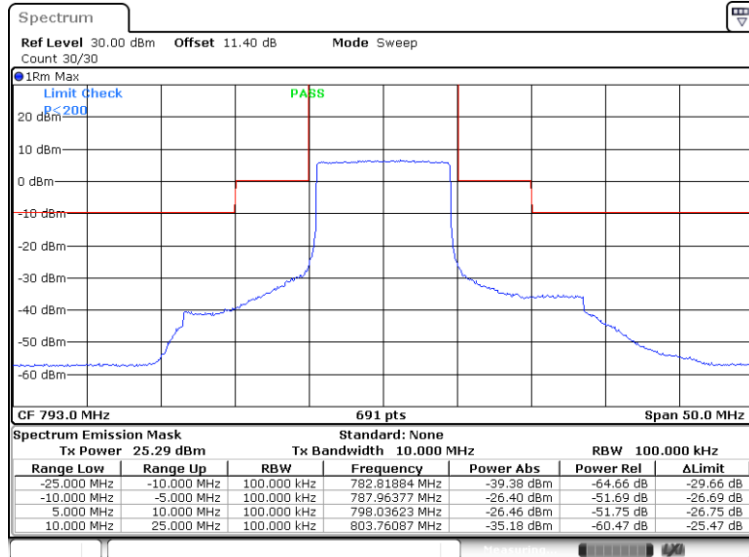


Date: 10_JUL_2025 11:13:59



LTE Band 14 / 10MHz / QPSK

Middle Channel / Full RB



Date: 10.JUL.2025 11:19:11

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel				
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)		Within Authorized Frequency Block(Hz)	Result
		BW 10MHz	BW 5MHz	BW 10MHz		
50	Normal Voltage	0.0029	-4.4	-2.3	Yes	PASS
40	Normal Voltage	0.0005	6.4	-0.4	Yes	
30	Normal Voltage	0.0045	1.7	3.6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	0	Yes	
10	Normal Voltage	0.0061	-2	4.8	Yes	
0	Normal Voltage	0.0069	-3.4	-5.5	Yes	
-10	Normal Voltage	0.0106	7.8	-8.4	Yes	
-20	Normal Voltage	0.0059	-3	4.7	Yes	
-30	Normal Voltage	0.0102	7.3	-8.1	Yes	
20	Maximum Voltage	0.0096	11.9	-7.6	Yes	
20	Normal Voltage	0.0000	0	0	Yes	
20	Minimum Voltage	0.0045	-0.8	3.6	Yes	

$|\text{MAX}(\Delta f)| = 11.9\text{Hz}$ (IC BW 5MHz)

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	788.128988	$\geq 788\text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	798.047012	$\leq 799\text{ MHz}$	

$|\text{MAX}(\Delta f)| = 8.4\text{Hz}$ (IC BW 10MHz)

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	788.404992	$\geq 788\text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	797.784008	$\leq 799\text{ MHz}$	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.3 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.



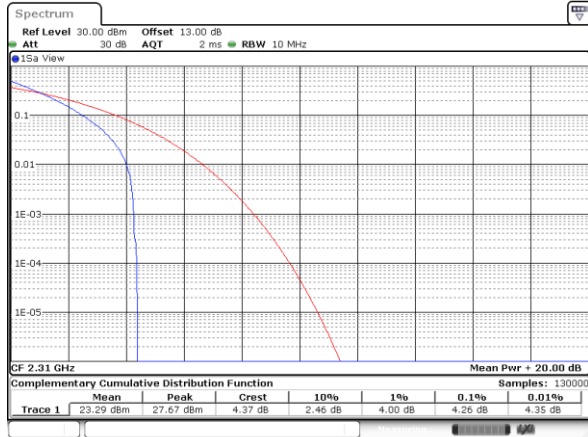
LTE Band 30

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	4.26	5.39	6.06	6.72	PASS

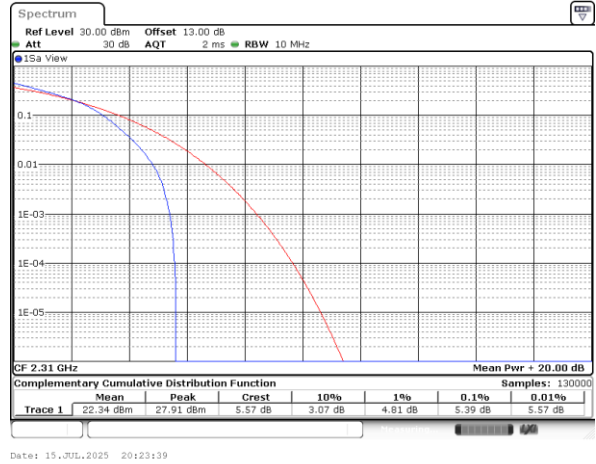
LTE Band 30 / 10MHz / QPSK

Middle Channel / Full RB



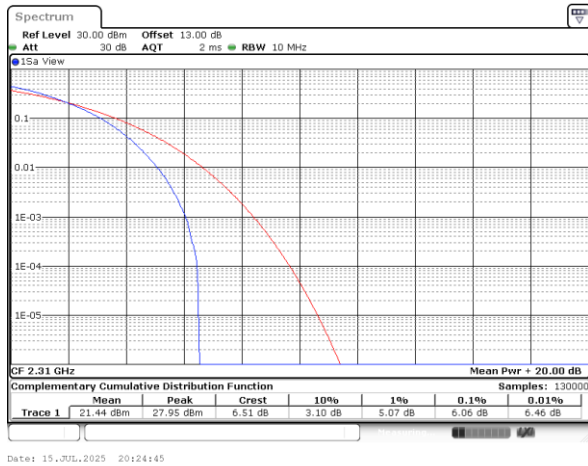
LTE Band 30 / 10MHz / 16QAM

Middle Channel / Full RB



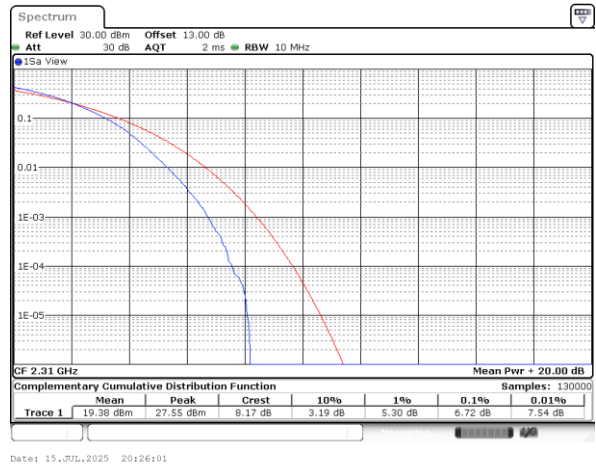
LTE Band 30 / 10MHz / 64QAM

Middle Channel / Full RB



LTE Band 30 / 10MHz / 256QAM

Middle Channel / Full RB





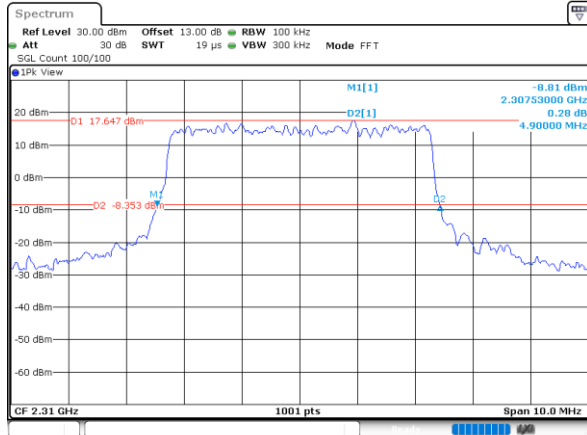
26dB Bandwidth

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	-	-	-	-	4.90	5.10	9.86	10.16	-	-	-	-

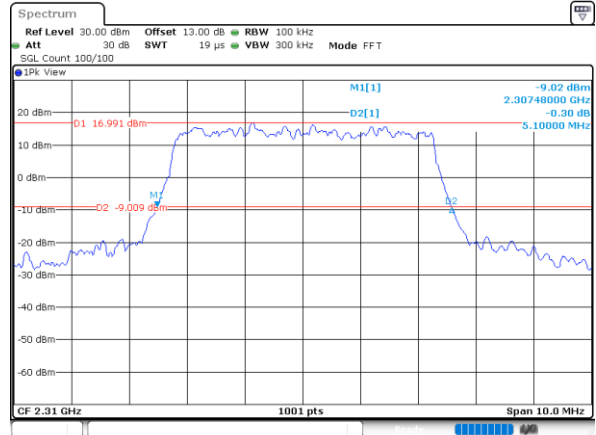


LTE Band 30

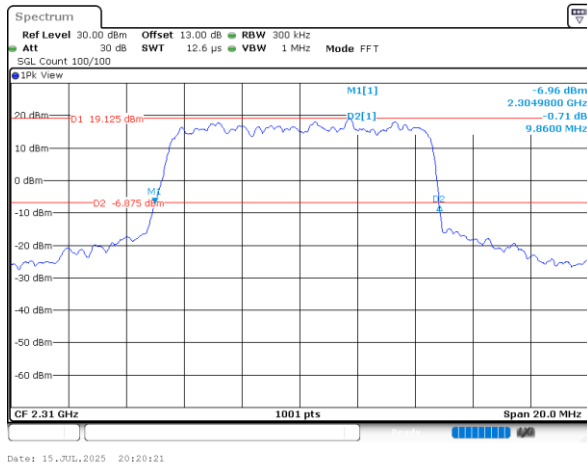
Middle Channel / 5MHz / QPSK



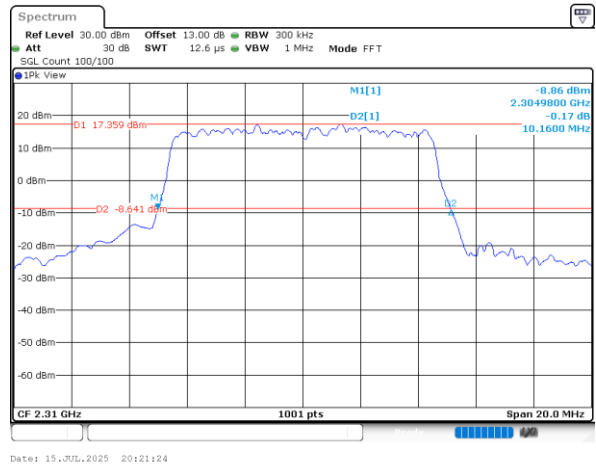
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM





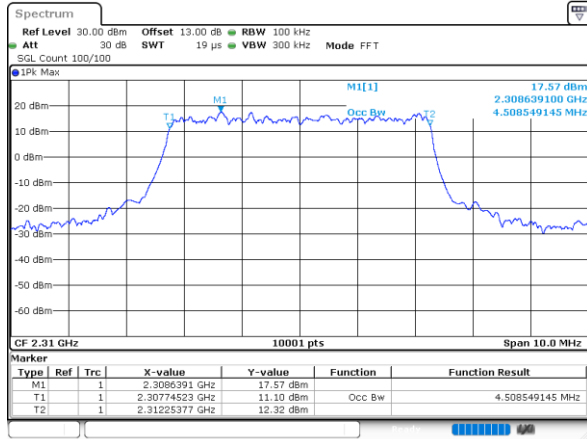
Occupied Bandwidth

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	-	-	-	-	4.50	4.50	9.09	9.02	-	-	-	-



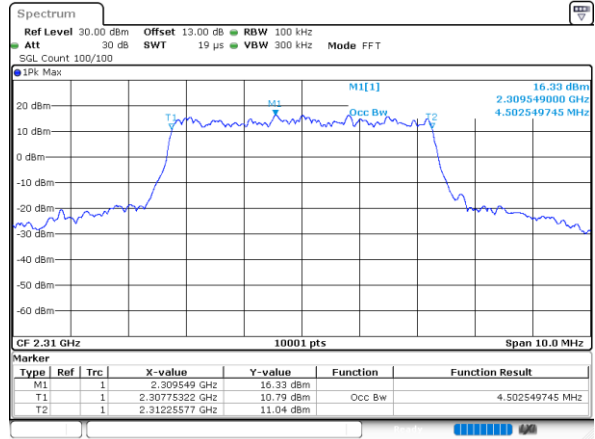
LTE Band 30

Middle Channel / 5MHz / QPSK



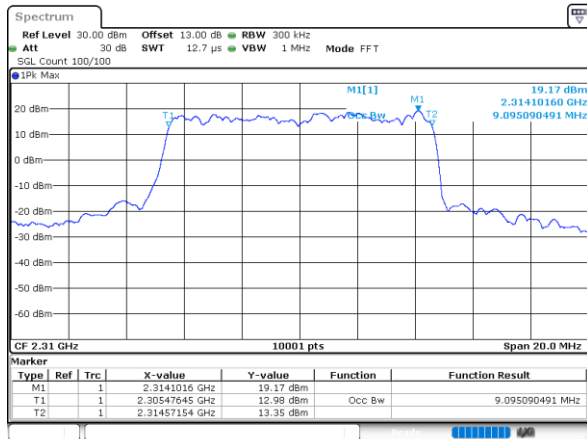
Date: 15.JUL.2025 20:13:10

Middle Channel / 5MHz / 16QAM



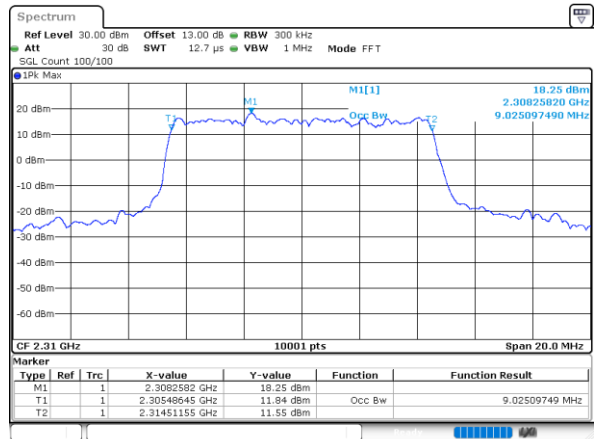
Date: 15.JUL.2025 20:14:17

Middle Channel / 10MHz / QPSK



Date: 15.JUL.2025 20:15:24

Middle Channel / 10MHz / 16QAM



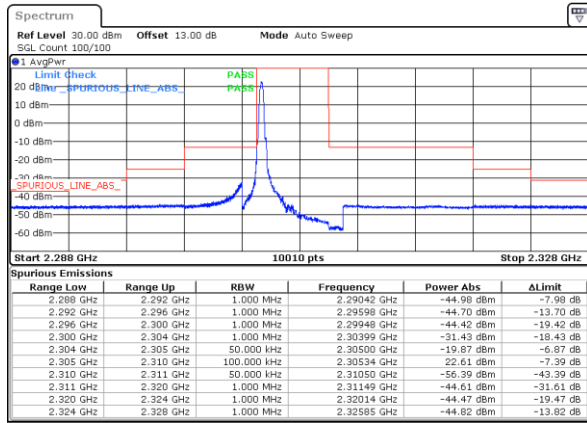
Date: 15.JUL.2025 20:16:40



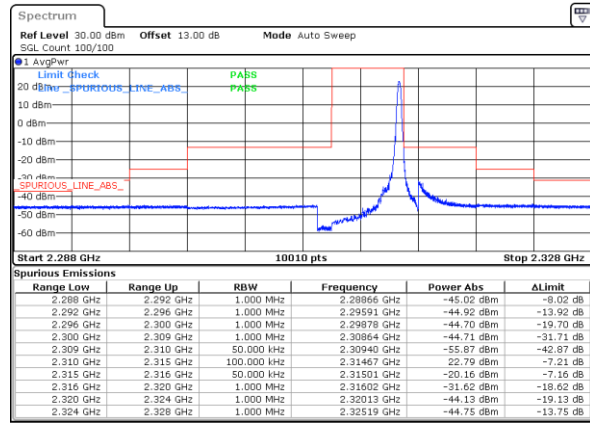
Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

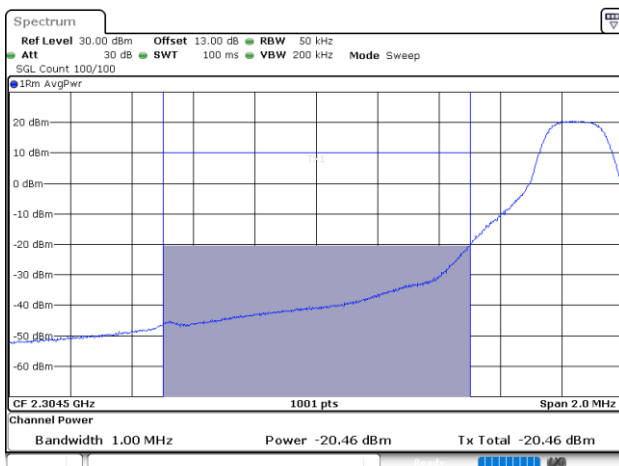
Lowest Band Edge / 1 RB



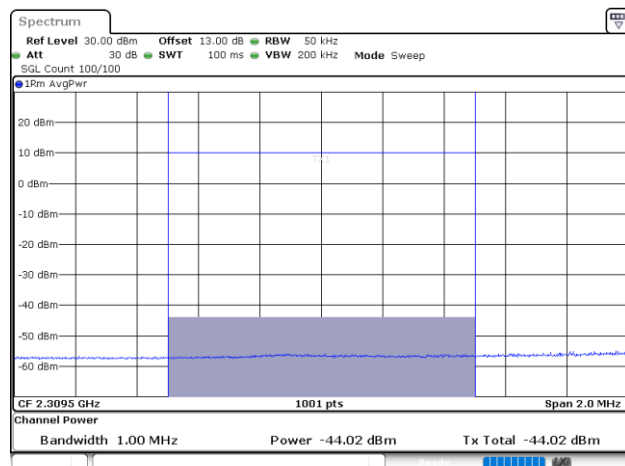
Highest Band Edge / 1 RB



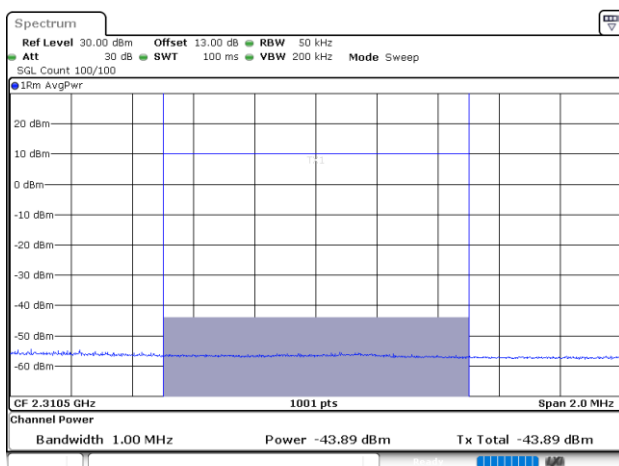
Lowest Band Edge / 1 RB / Lower zoom in



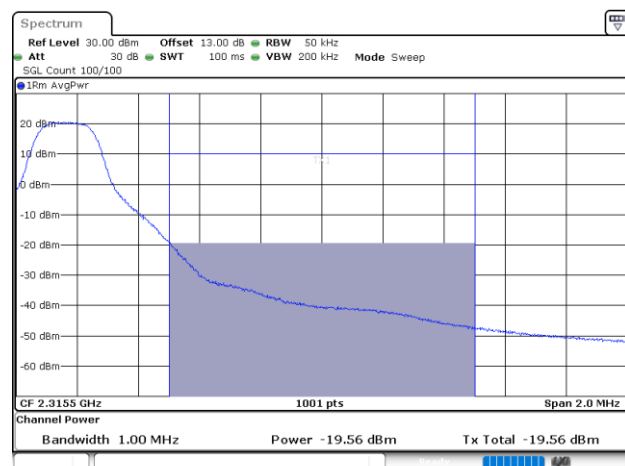
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



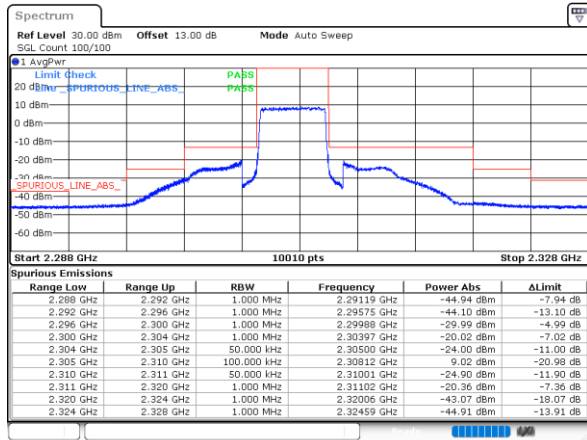
Highest Band Edge / 1 RB / Upper zoom in



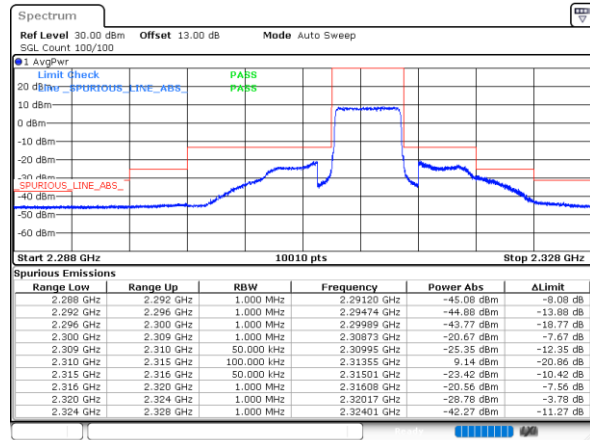


LTE Band 30 / 5MHz / QPSK

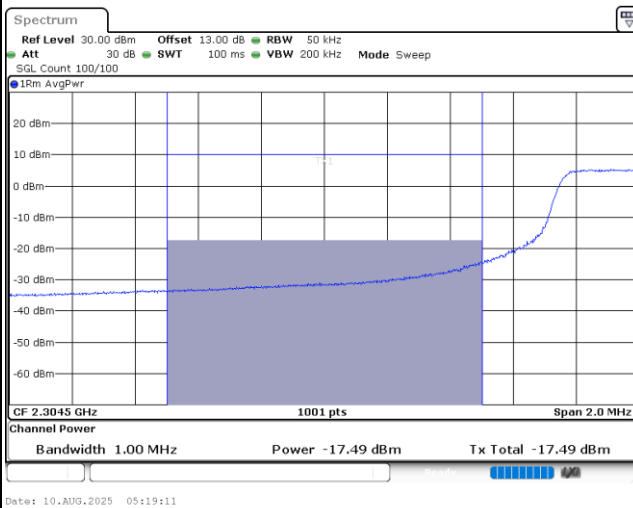
Lowest Band Edge / Full RB



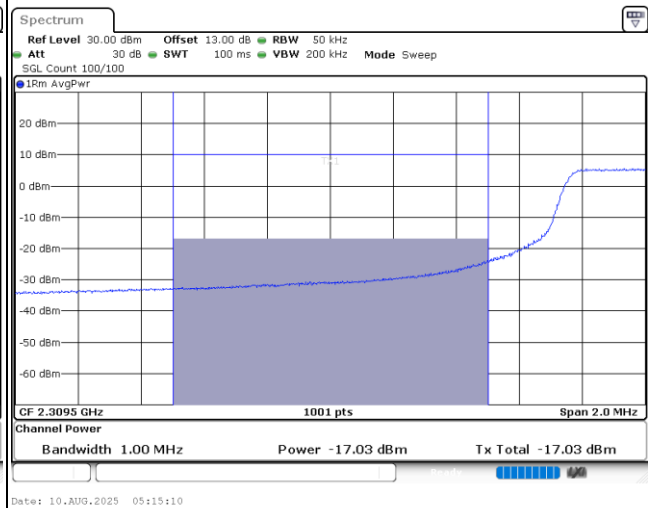
Highest Band Edge / Full RB



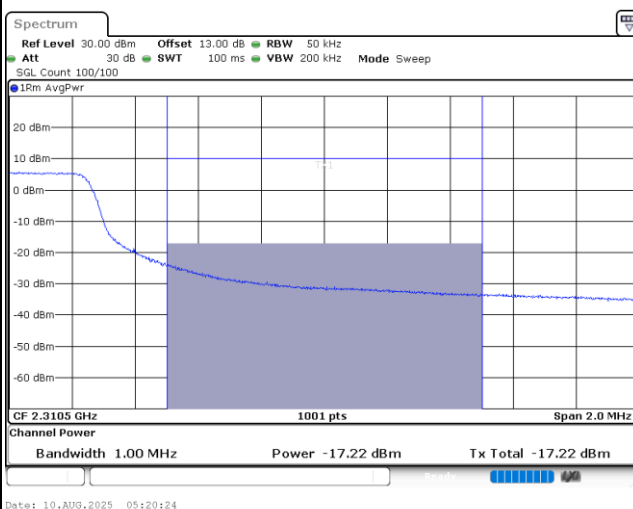
Lowest Band Edge / Full RB / Lower zoom in



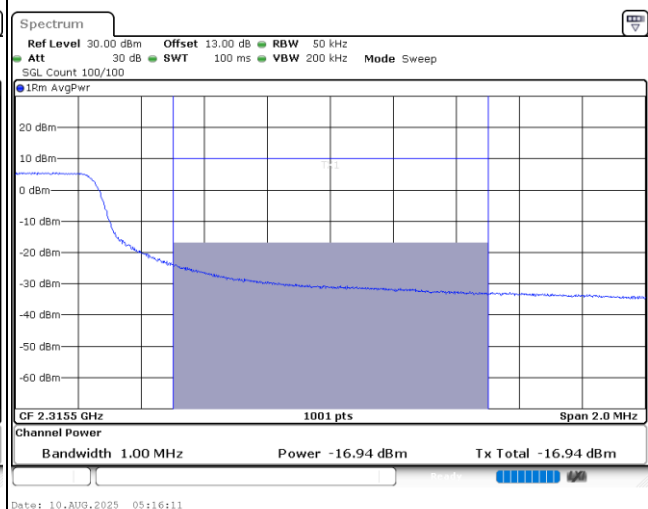
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



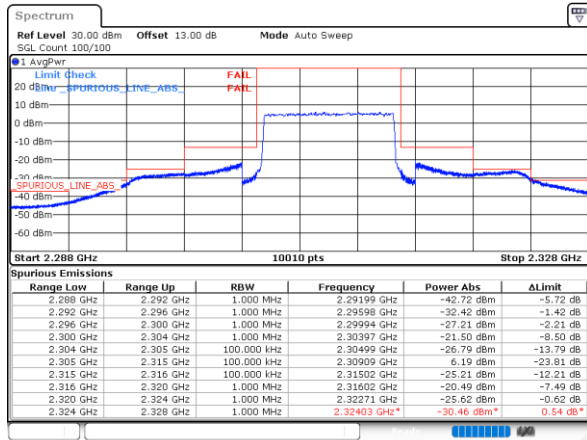
Highest Band Edge / Full RB / Upper zoom in



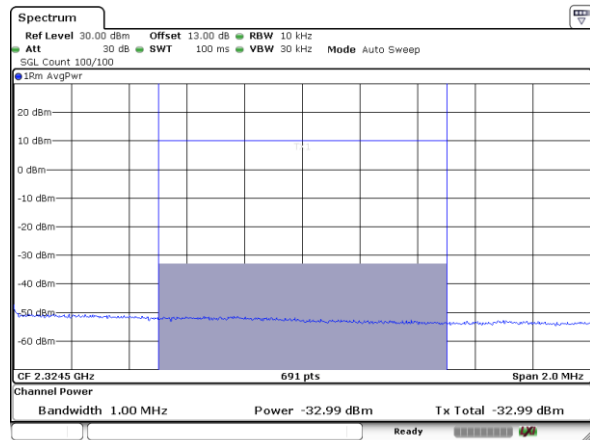


LTE Band 30 / 10MHz / QPSK

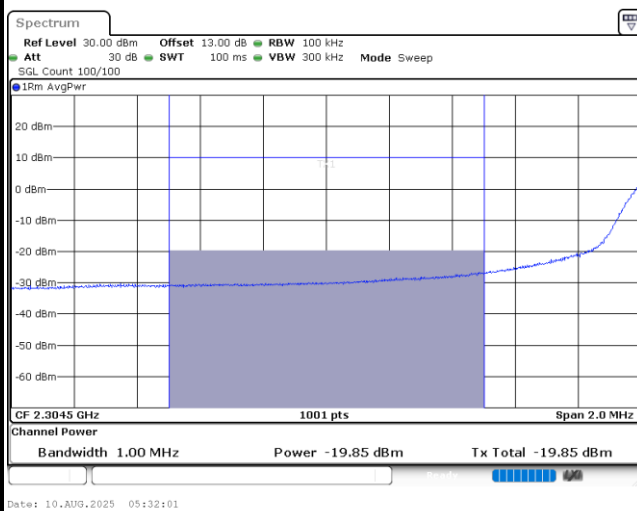
Middle Band Edge / Full RB



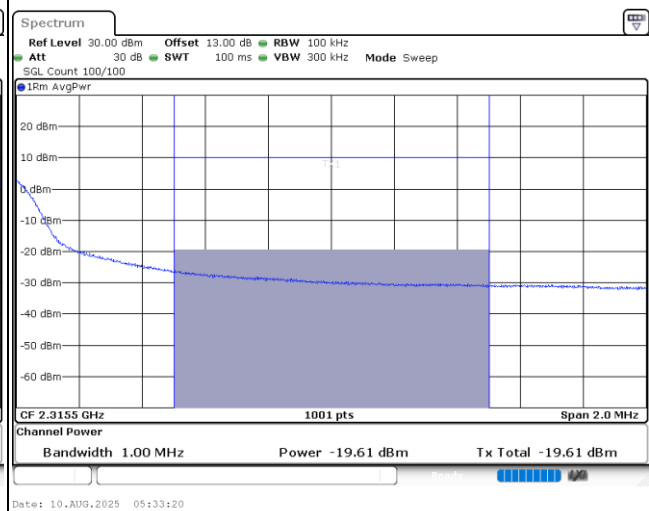
Middle Band Edge / Full RB / CHP



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

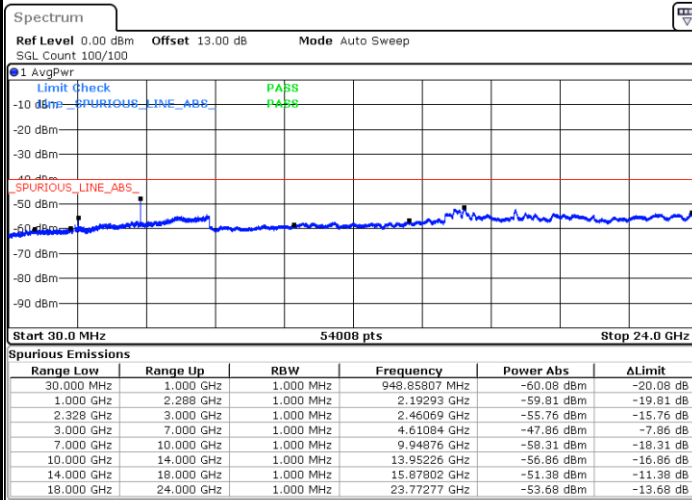




Conducted Spurious Emission

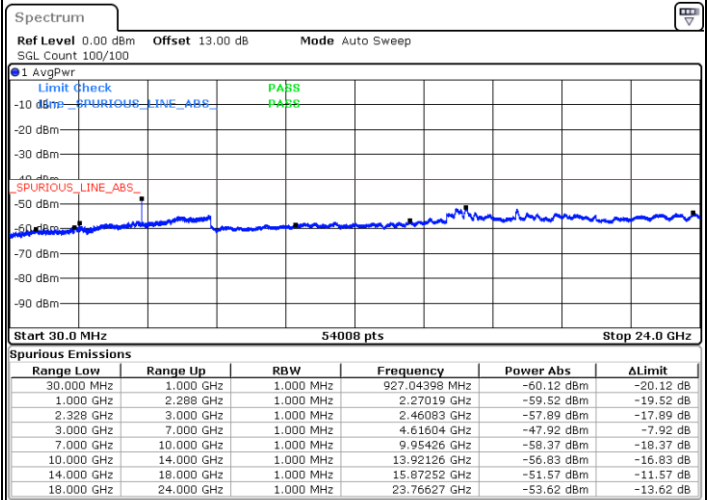
LTE Band 30 / 5MHz

Lowest Channel / QPSK



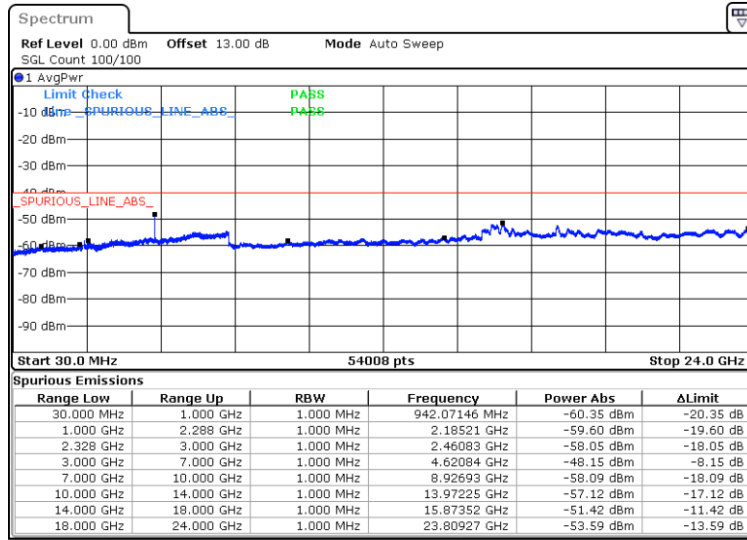
Date: 15.JUL.2025 20:39:25

Middle Channel / QPSK



Date: 15.JUL.2025 20:43:24

Highest Channel / QPSK

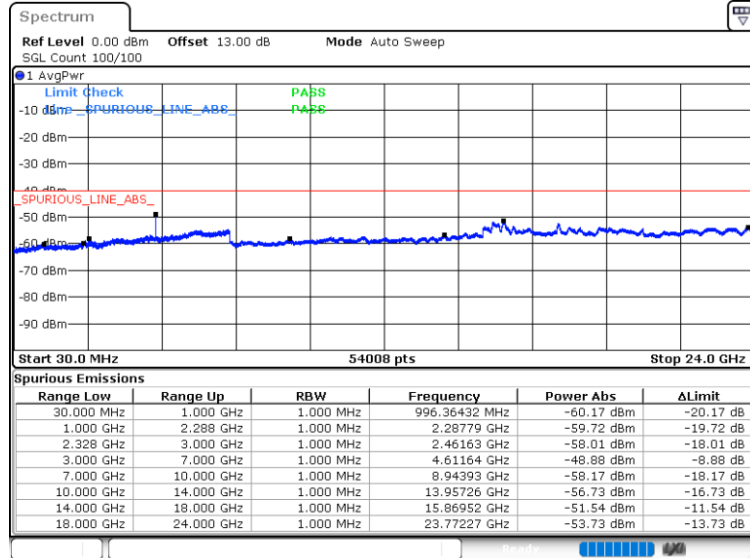


Date: 15.JUL.2025 20:41:20



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 15.JUL.2025 20:45:31

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	0.0029	-6.8	Yes	PASS
40	Normal Voltage	0.0011	-2.6	Yes	
30	Normal Voltage	0.0002	0.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0032	7.5	Yes	
0	Normal Voltage	0.0006	-1.5	Yes	
-10	Normal Voltage	0.0027	-6.2	Yes	
-20	Normal Voltage	0.0020	4.6	Yes	
-30	Normal Voltage	0.0009	2.1	Yes	
20	Maximum Voltage	0.0014	-3.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0028	6.5	Yes	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.3 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 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.14	14.70	19.20
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.79	19.80	19.36
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.98	14.67	18.88
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.73	19.60	19.20



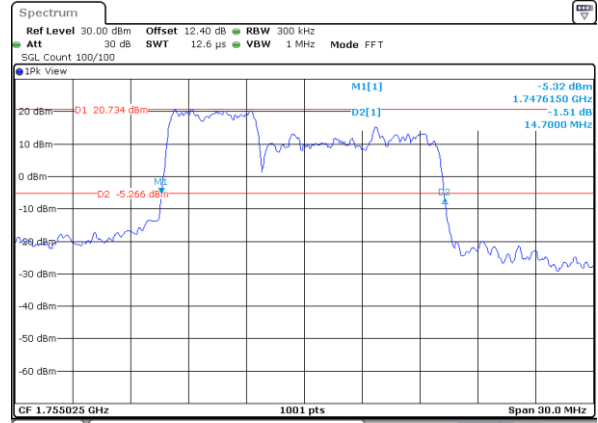
LTE Band 66B

QPSK

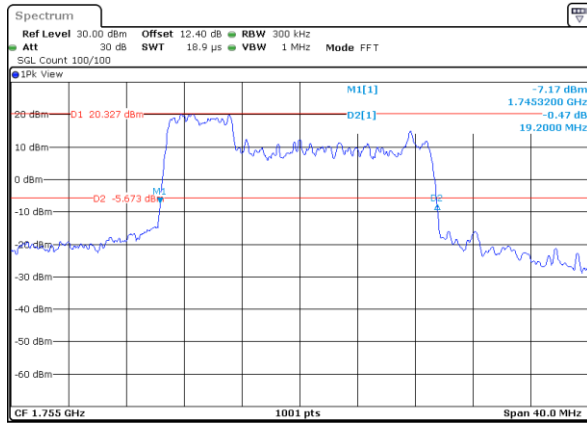
Middle Channel / 5MHz+5MHz



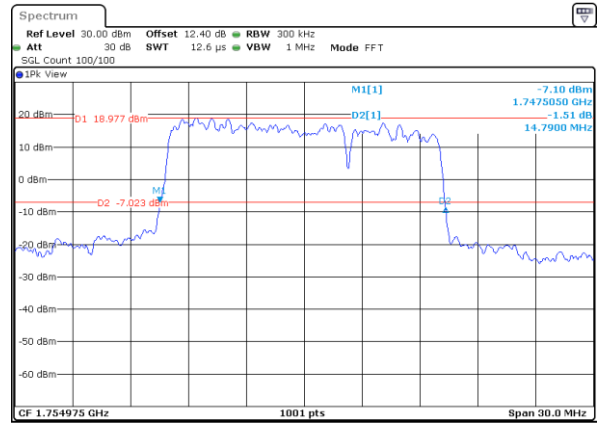
Middle Channel / 5MHz+10MHz



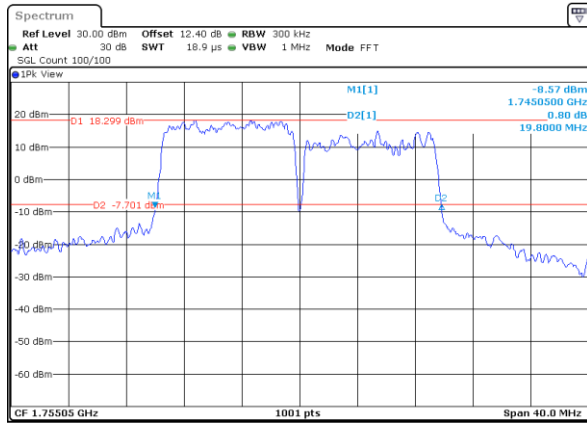
Middle Channel / 5MHz+15MHz



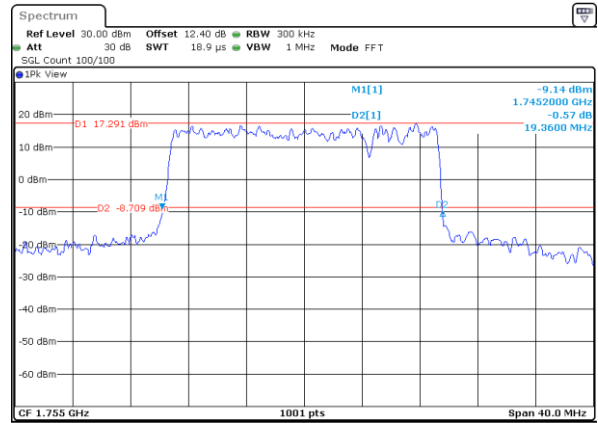
Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



Middle Channel / 15MHz+5MHz

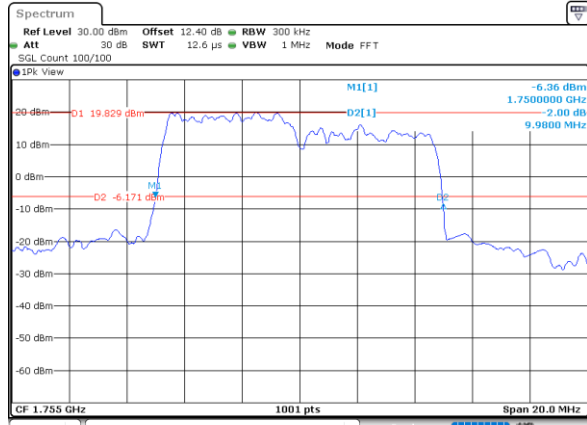




LTE Band 66B

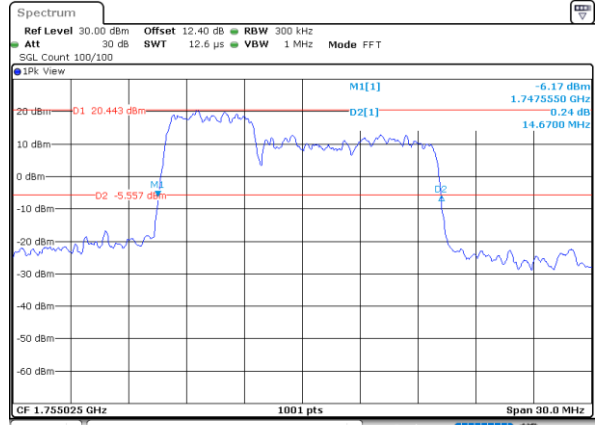
16QAM

Middle Channel / 5MHz+5MHz



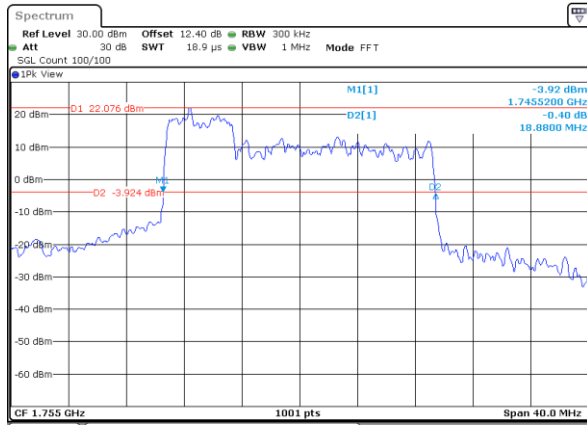
Date: 11.JUL.2025 16:29:18

Middle Channel / 5MHz+10MHz



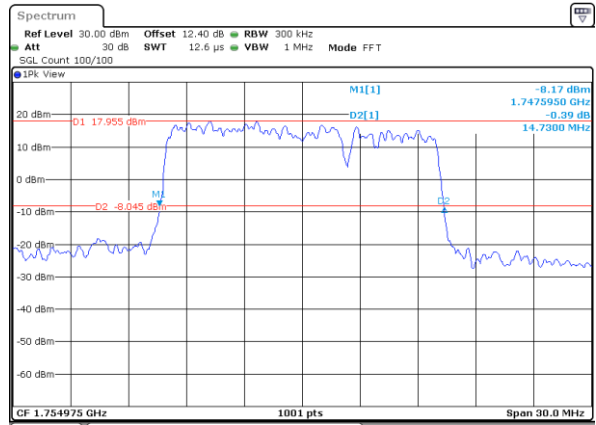
Date: 11.JUL.2025 16:01:12

Middle Channel / 5MHz+15MHz



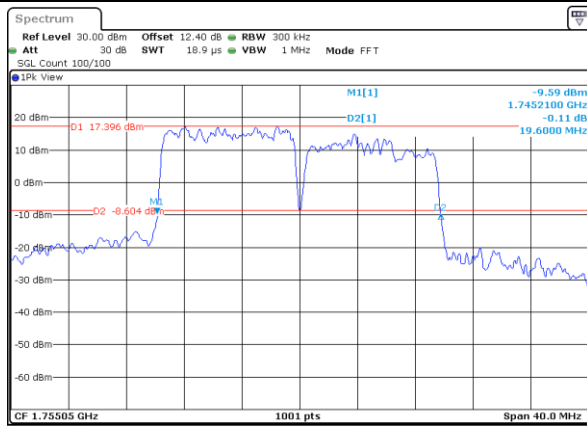
Date: 11.JUL.2025 16:12:05

Middle Channel / 10MHz+5MHz



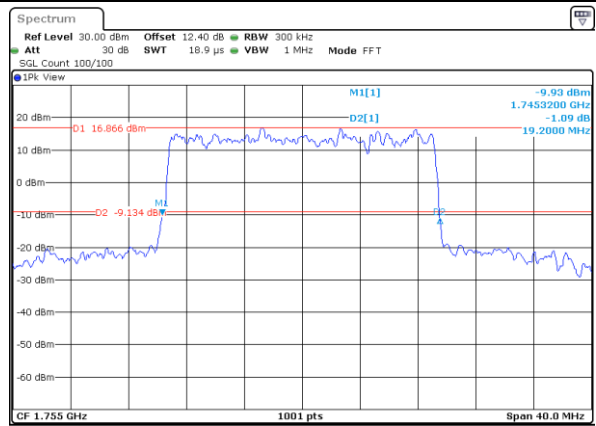
Date: 11.JUL.2025 16:05:42

Middle Channel / 10MHz+10MHz



Date: 11.JUL.2025 16:08:36

Middle Channel / 15MHz+5MHz



Date: 11.JUL.2025 16:15:59

**Occupied Bandwidth**

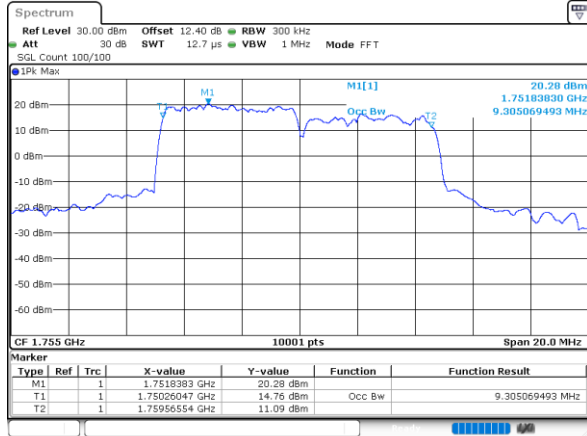
Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.30	13.82	18.07
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.89	18.75	18.17
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.29	13.93	18.09
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.90	18.77	18.21



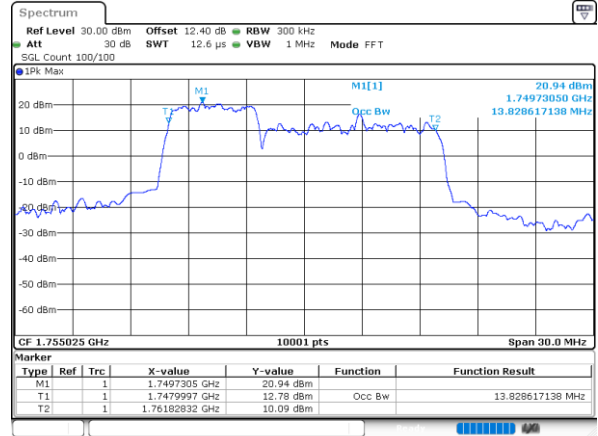
LTE Band 66B

QPSK

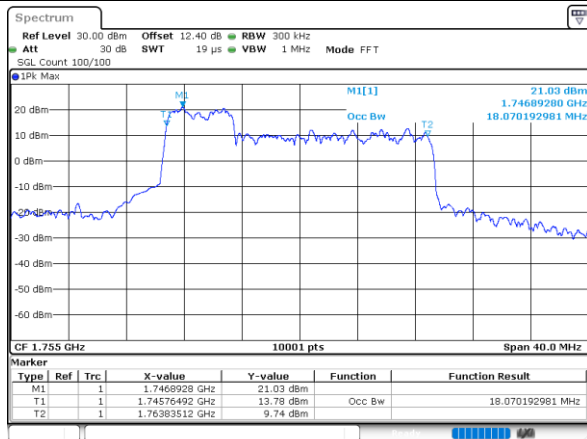
Middle Channel / 5MHz+5MHz



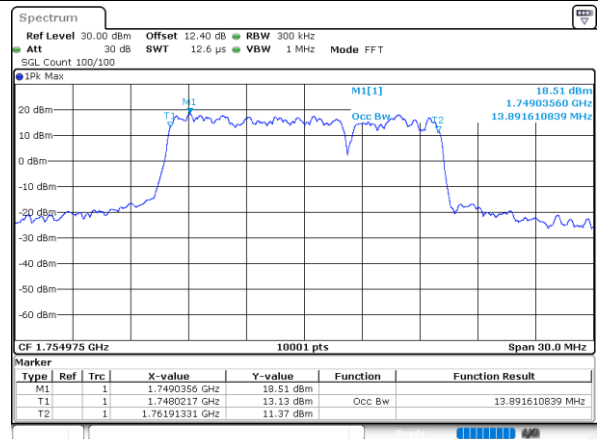
Middle Channel / 5MHz+10MHz



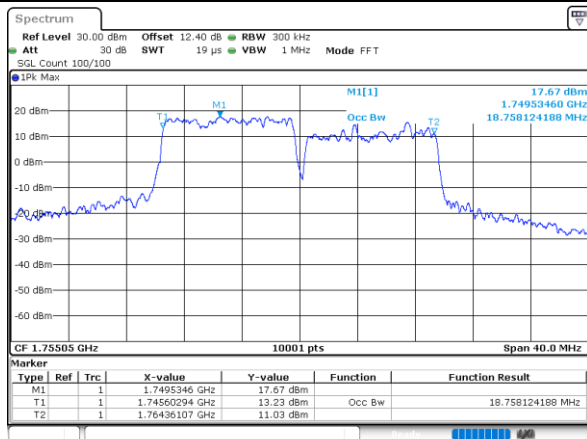
Middle Channel / 5MHz+15MHz



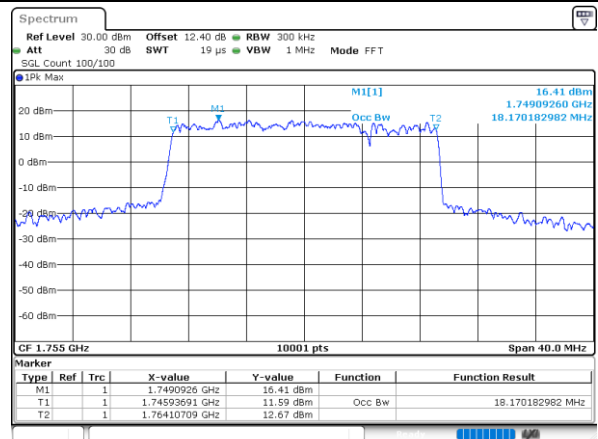
Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



Middle Channel / 15MHz+5MHz

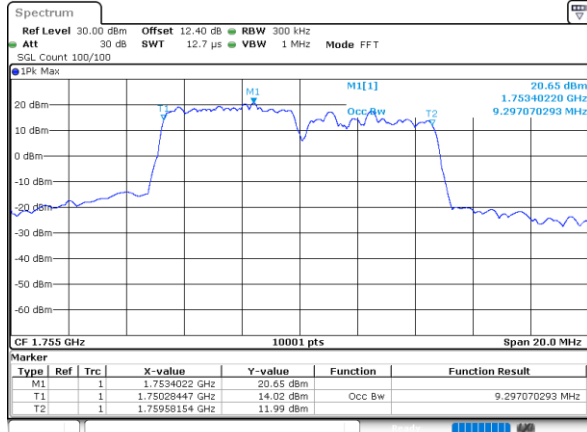




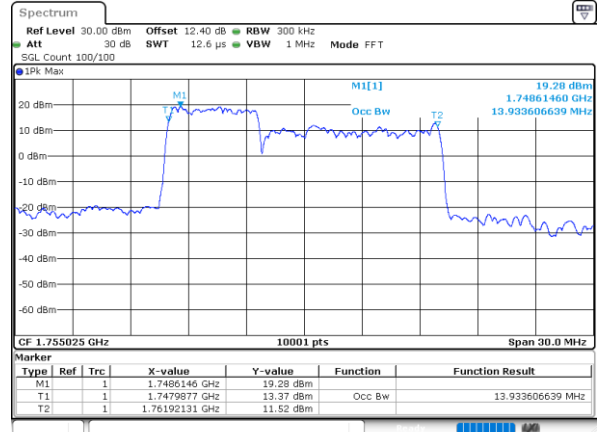
LTE Band 66B

16QAM

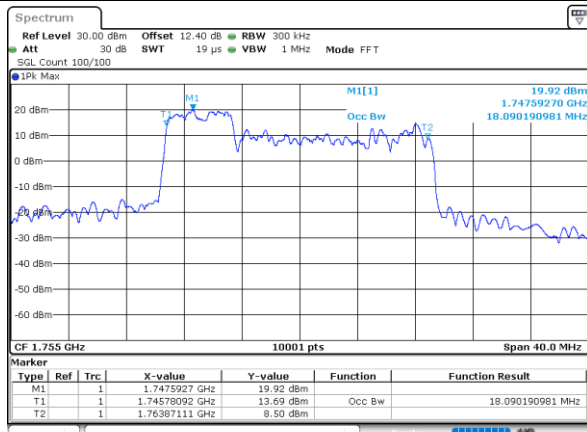
Middle Channel / 5MHz+5MHz



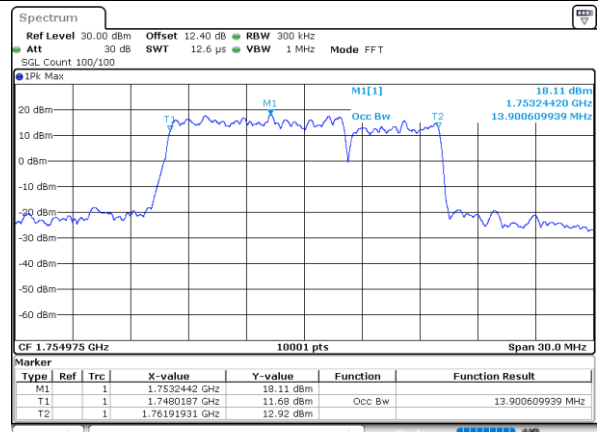
Middle Channel / 5MHz+10MHz



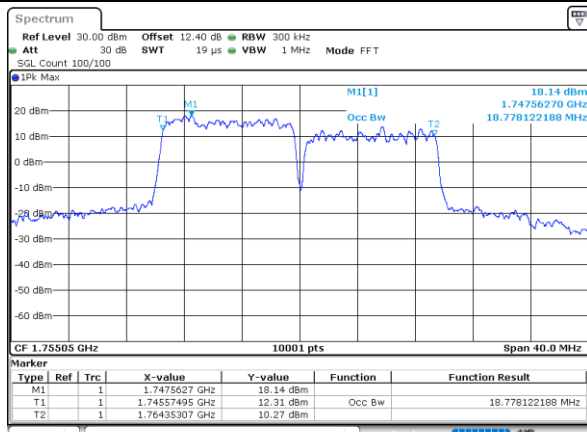
Middle Channel / 5MHz+15MHz



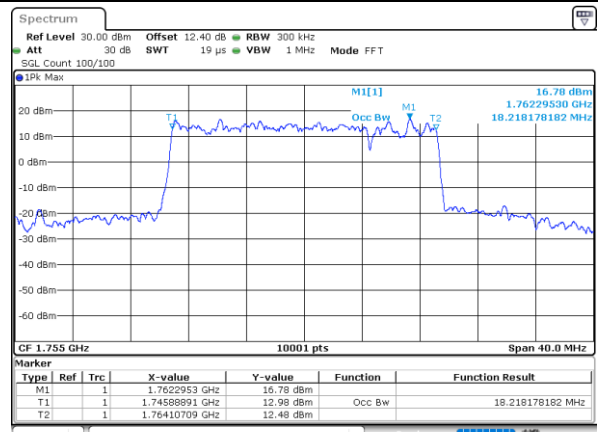
Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



Middle Channel / 15MHz+5MHz



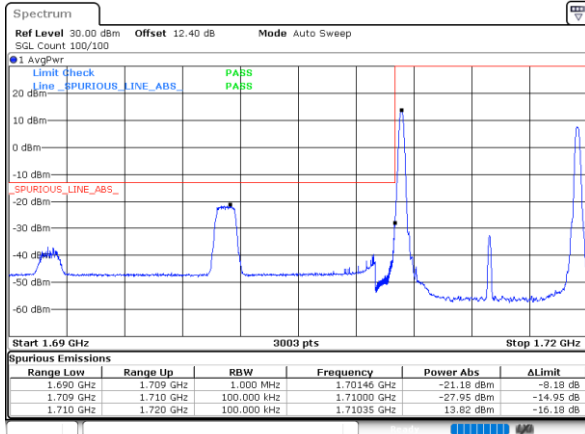


Conducted Band Edge

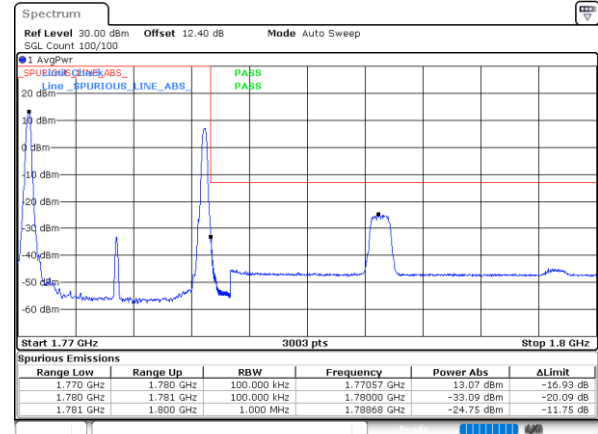
LTE Band 66B / 5MHz+5MHz

QPSK

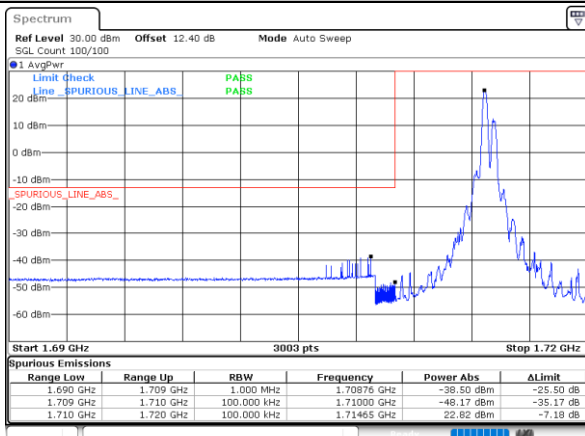
Lowest Band Edge / 1RB0 and 1RB24



Highest Band Edge / 1RB0 and 1RB24



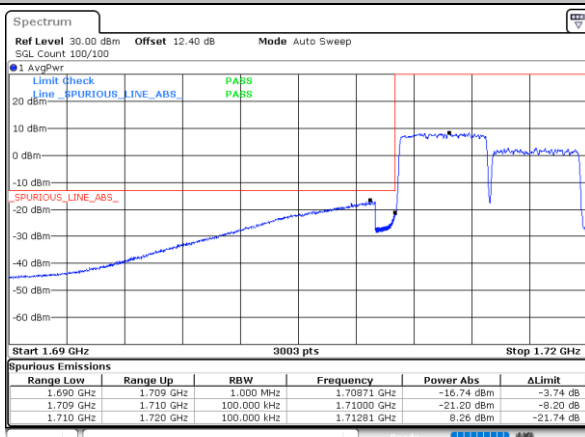
Lowest Band Edge / 1RB24 and 1RB0



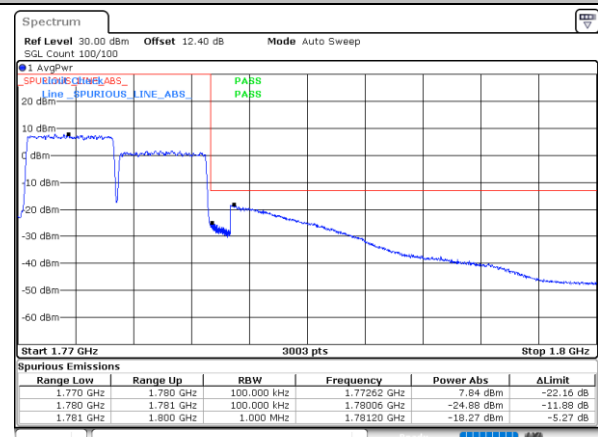
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

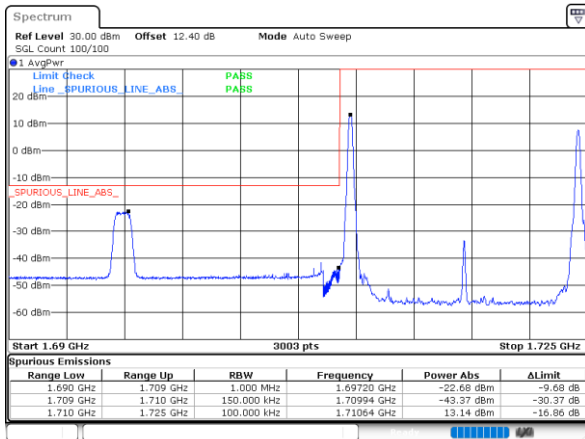




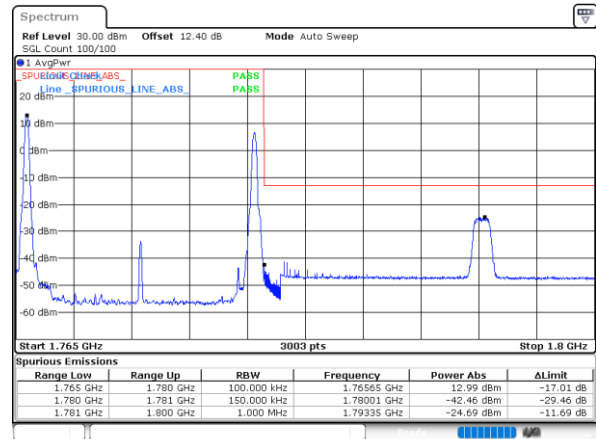
LTE Band 66B / 5MHz+10MHz

QPSK

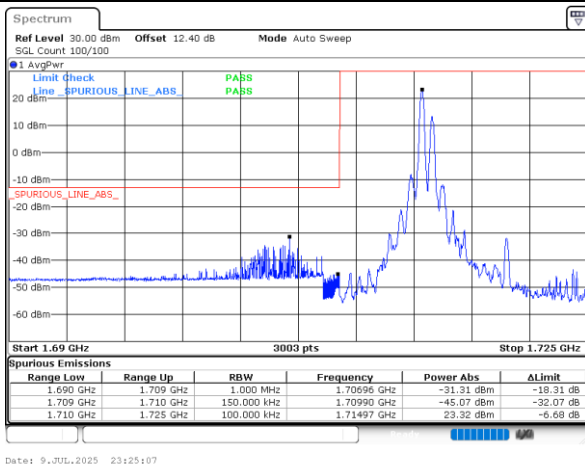
Lowest Band Edge / 1RB0 and 1RB49



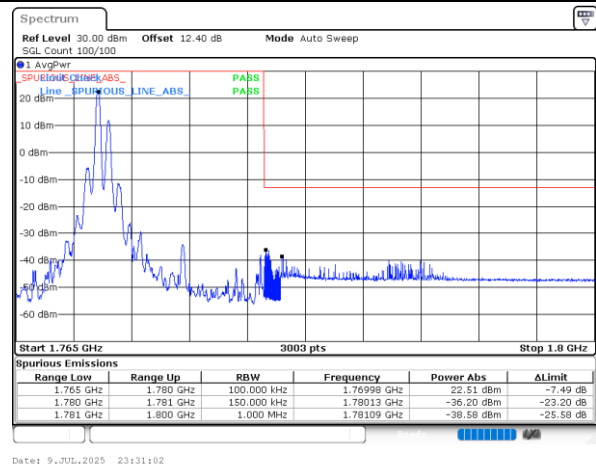
Highest Band Edge / 1RB0 and 1RB49



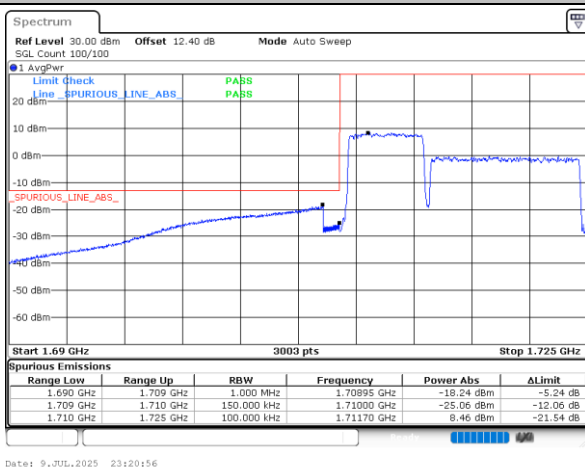
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

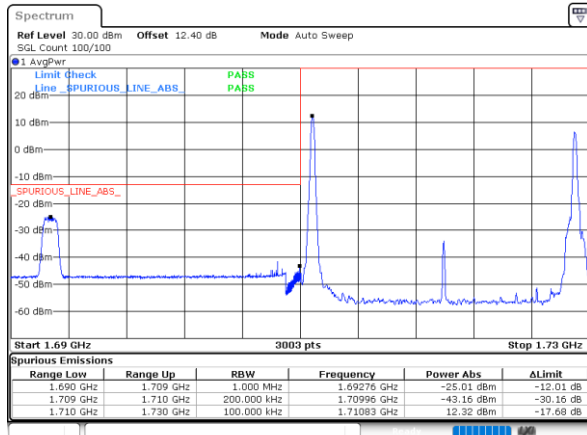




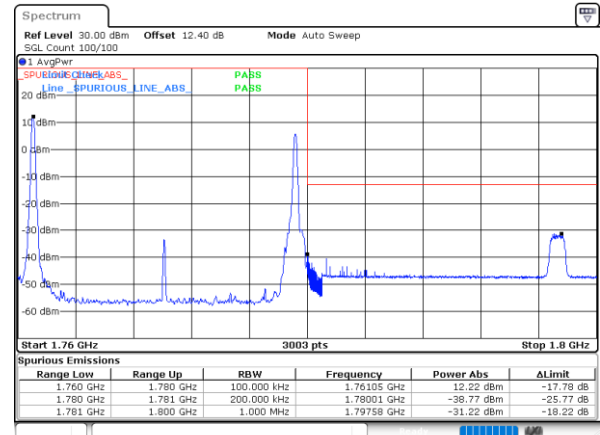
LTE Band 66B / 5MHz+15MHz

QPSK

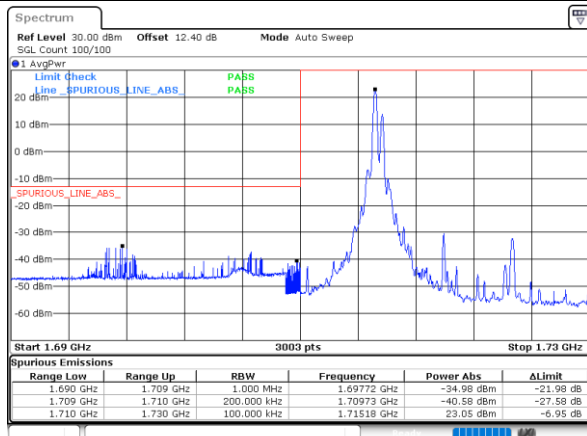
Lowest Band Edge / 1RB0 and 1RB74



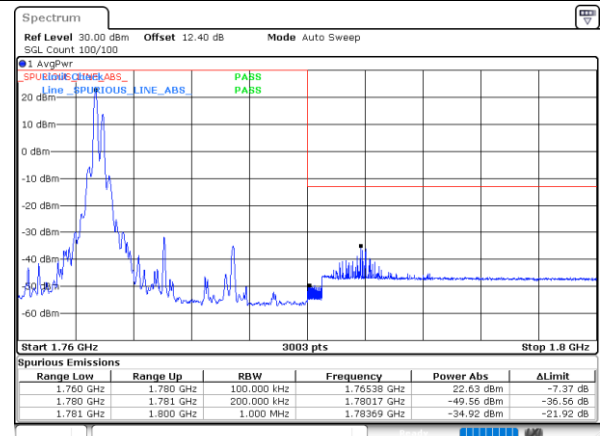
Highest Band Edge / 1RB0 and 1RB74



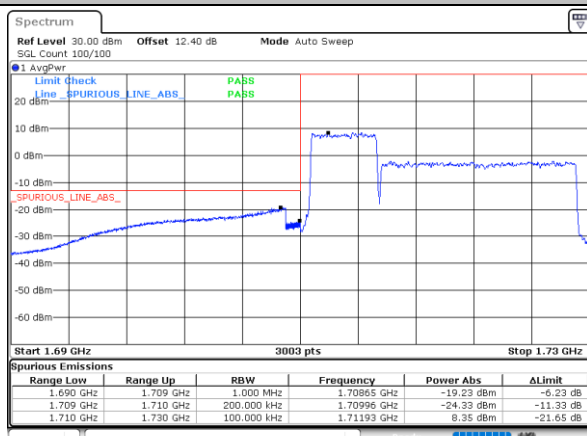
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

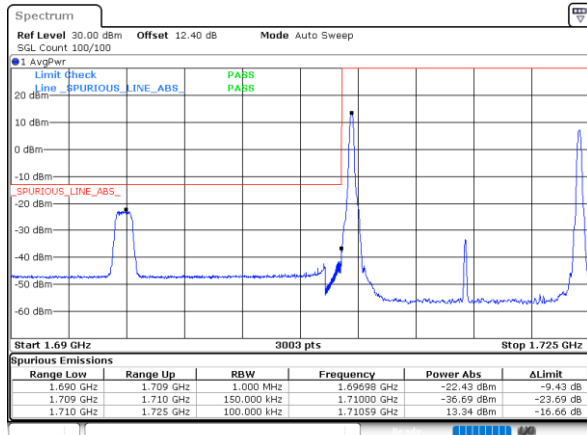




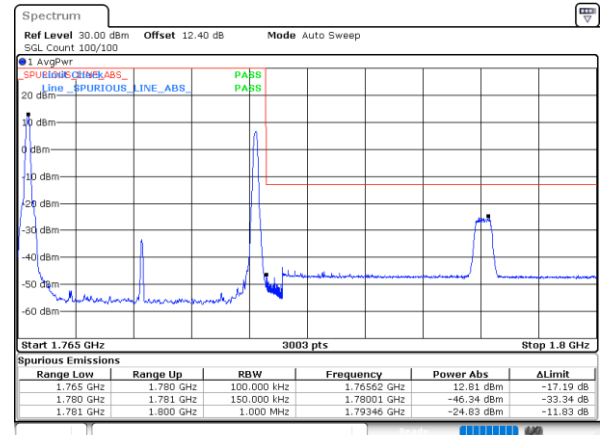
LTE Band 66B / 10MHz+5MHz

QPSK

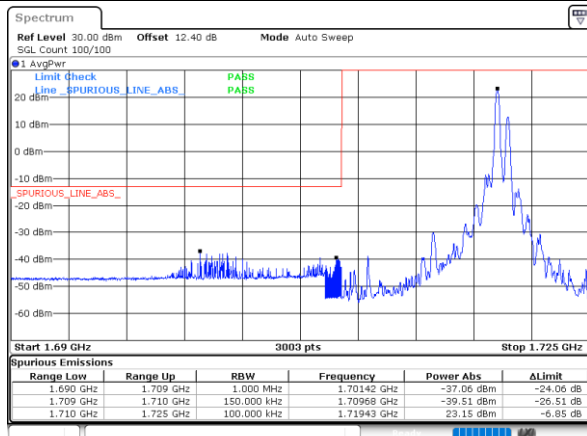
Lowest Band Edge / 1RB0 and 1RB24



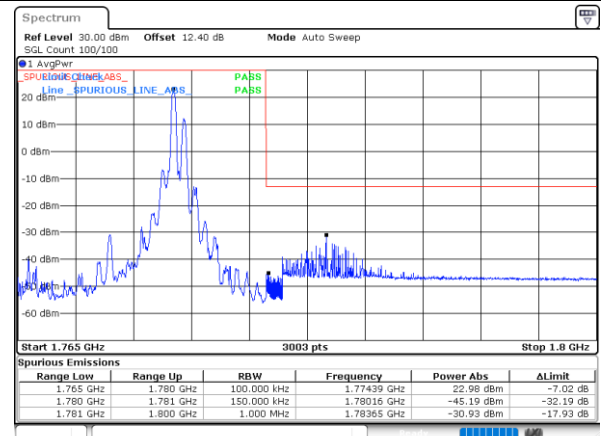
Highest Band Edge / 1RB0 and 1RB24



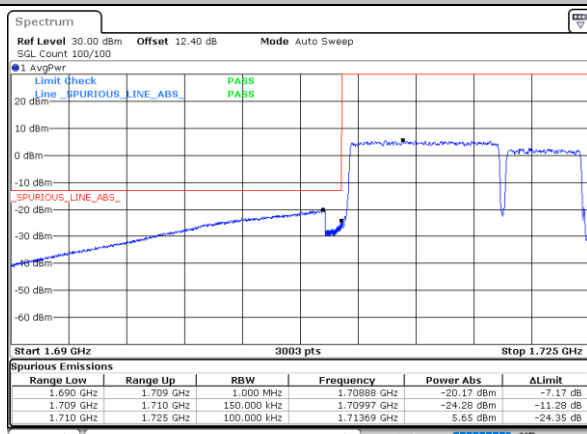
Lowest Band Edge / 1RB49 and 1RB0



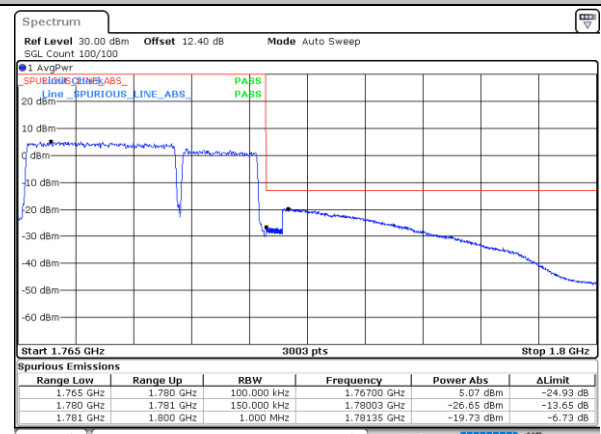
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

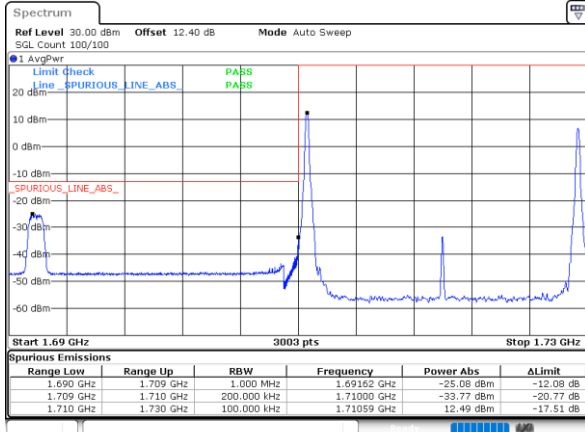




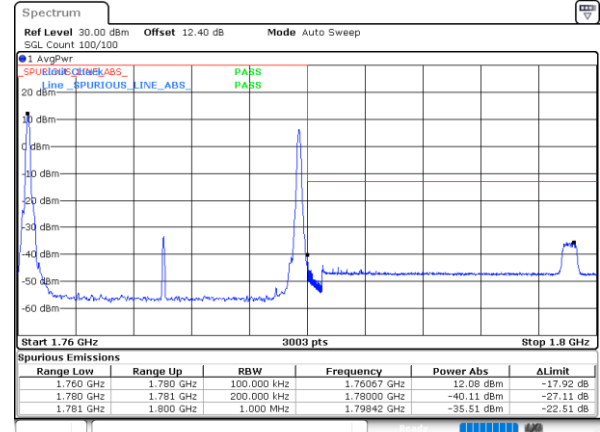
LTE Band 66B / 10MHz+10MHz

QPSK

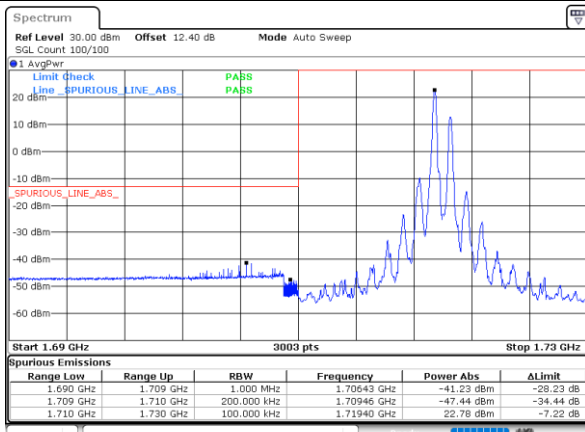
Lowest Band Edge / 1RB0 and 1RB49



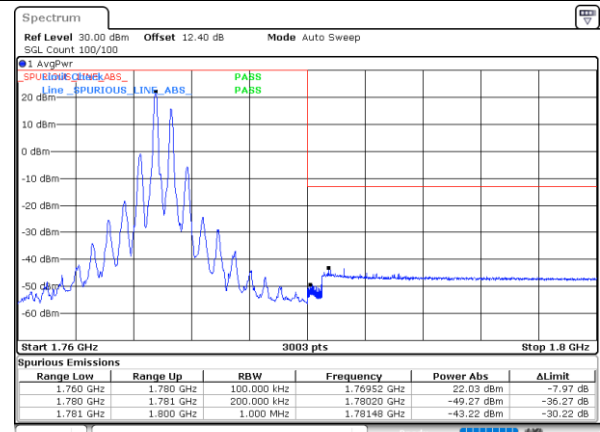
Highest Band Edge / 1RB0 and 1RB49



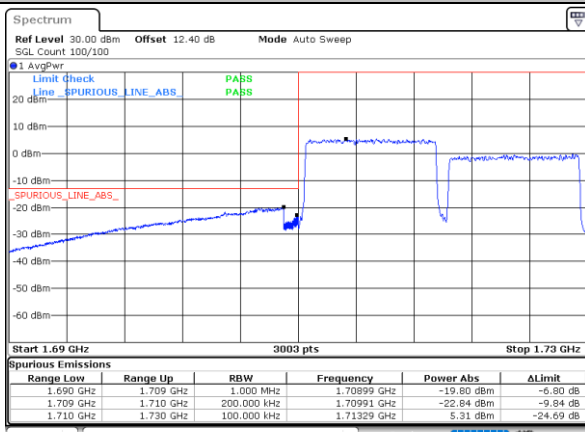
Lowest Band Edge / 1RB49 and 1RB0



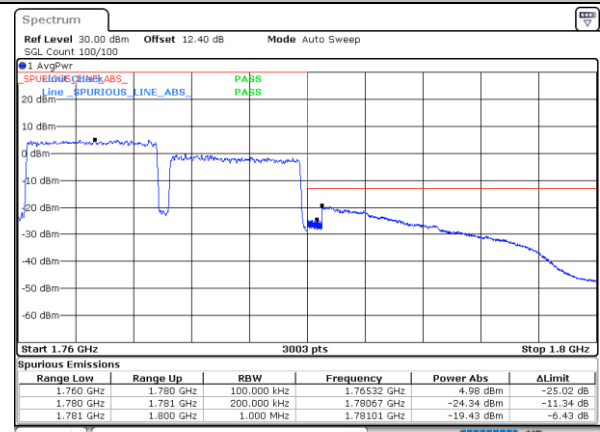
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

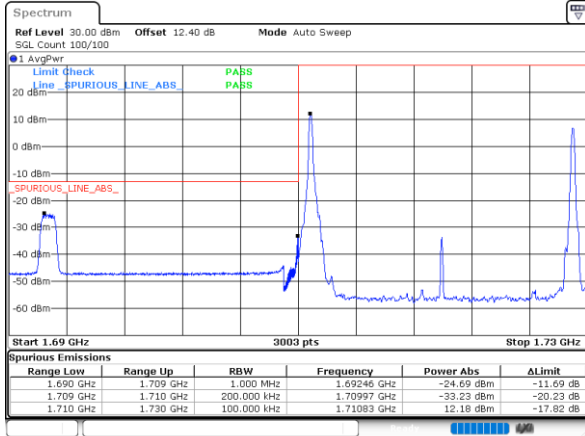




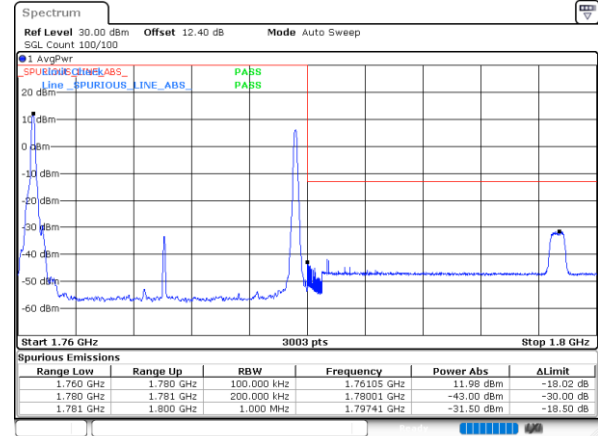
LTE Band 66B / 15MHz+5MHz

QPSK

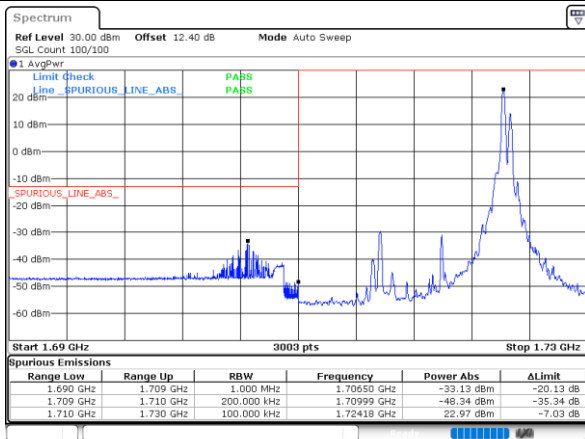
Lowest Band Edge / 1RB0 and 1RB24



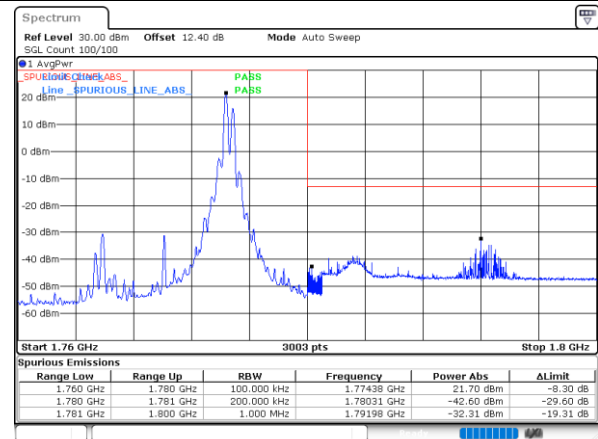
Highest Band Edge / 1RB0 and 1RB24



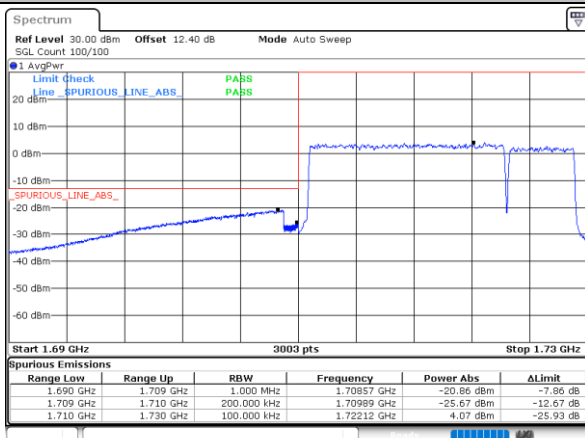
Lowest Band Edge / 1RB74 and 1RB0



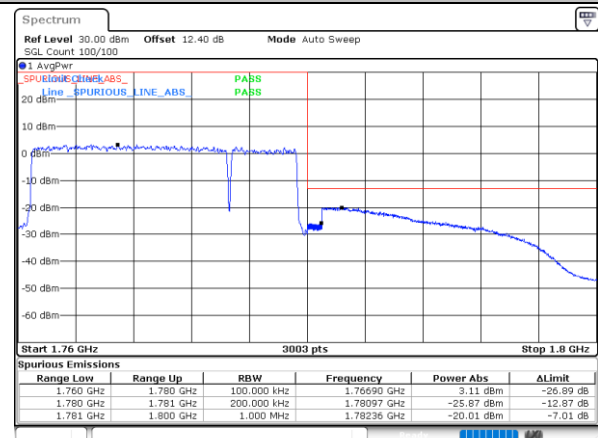
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





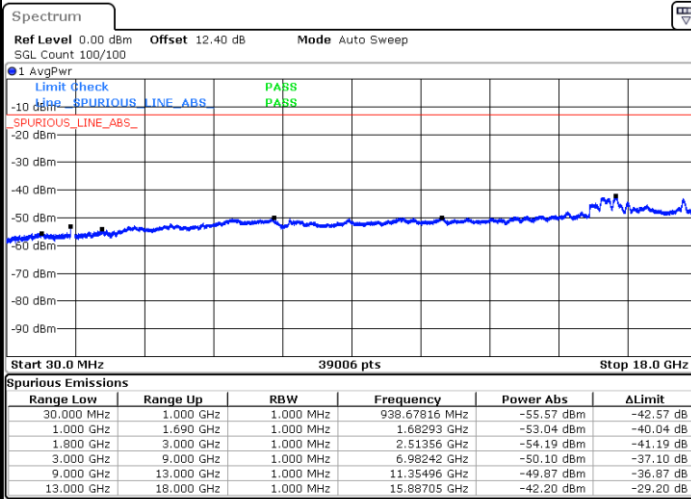
Conducted Spurious Emission

LTE Band 66B / 5MHz+5MHz

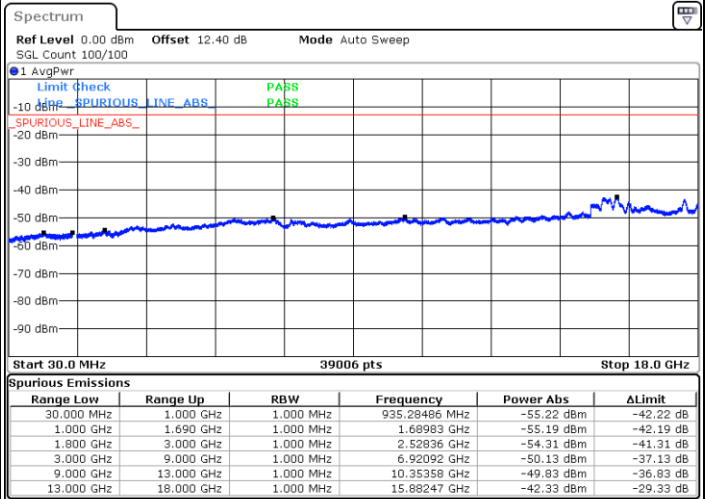
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB24 and 1RB0



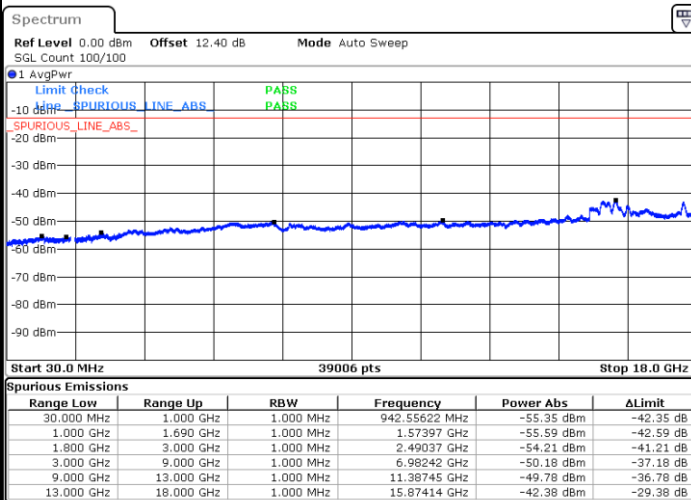
Date: 10.JUL.2025 00:27:08



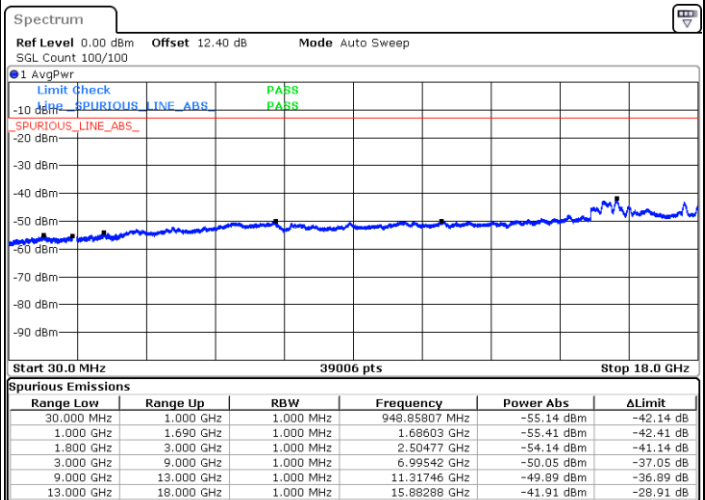
Date: 10.JUL.2025 00:24:53

MiddleChannel / 1RB0 and 1RB24

Middle Channel / 1RB24 and 1RB0



Date: 10.JUL.2025 00:29:32



Date: 10.JUL.2025 00:31:18

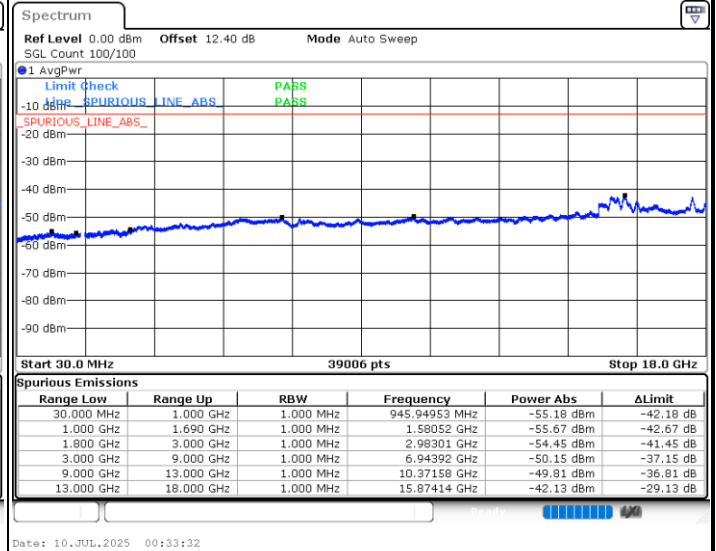
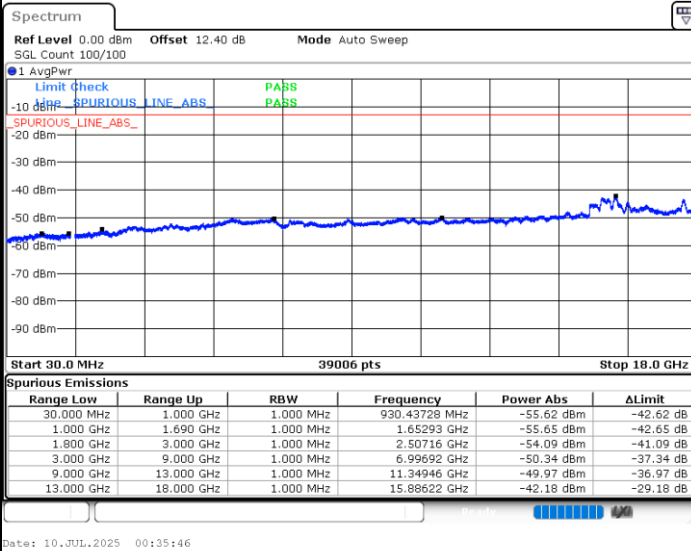


LTE Band 66B / 5MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB24 and 1RB0



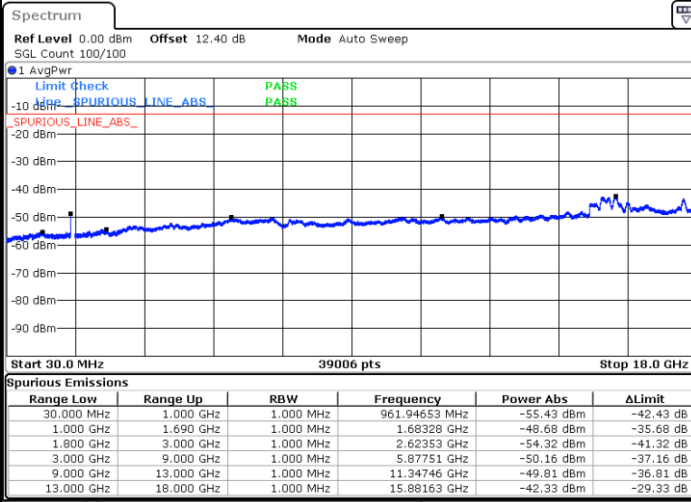


LTE Band 66B / 5MHz+10MHz

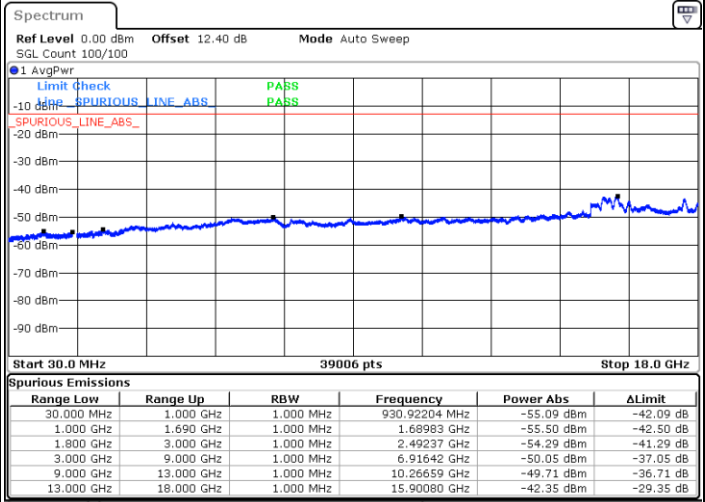
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



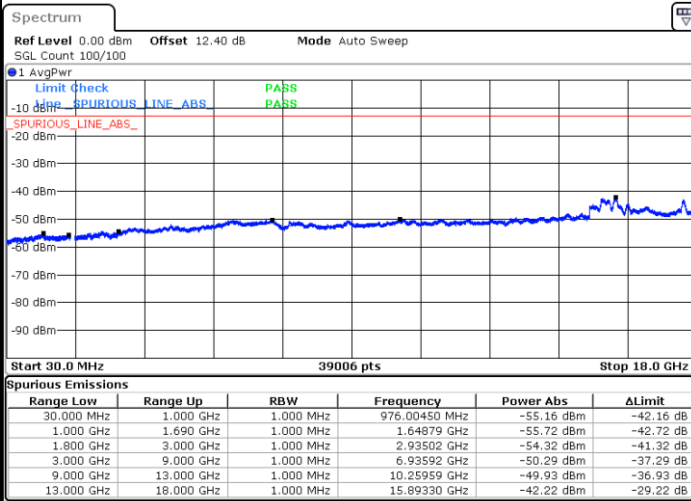
Date: 10.JUL.2025 00:40:14



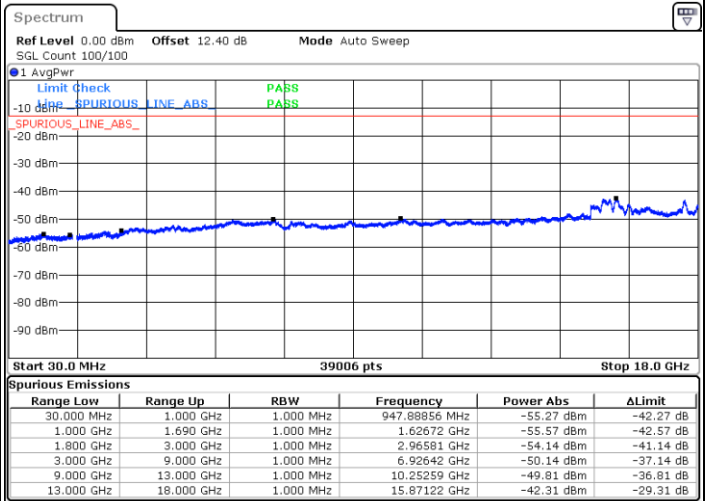
Date: 10.JUL.2025 00:37:53

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



Date: 10.JUL.2025 00:42:35



Date: 10.JUL.2025 00:45:04



LTE Band 66B / 5MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0

