

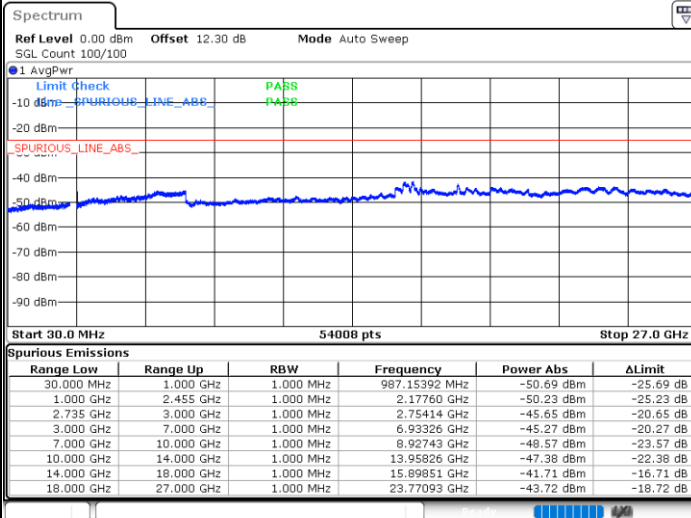


LTE Band 41C / 20MHz+15MHz

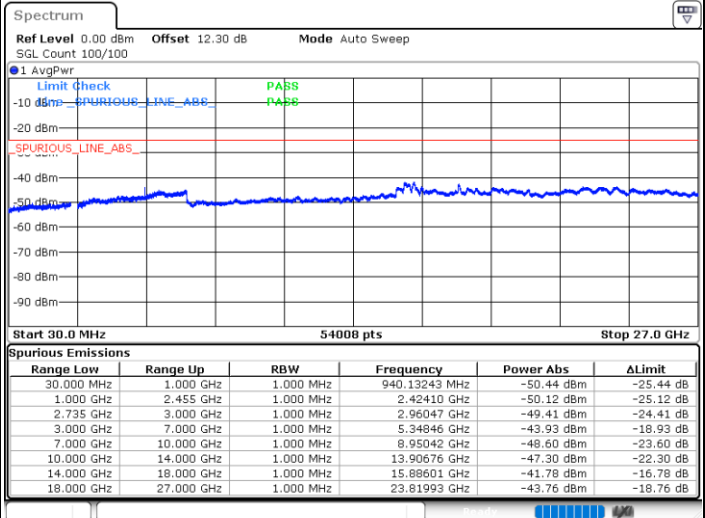
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 9.DEC.2025 02:14:42



Date: 9.DEC.2025 02:13:09

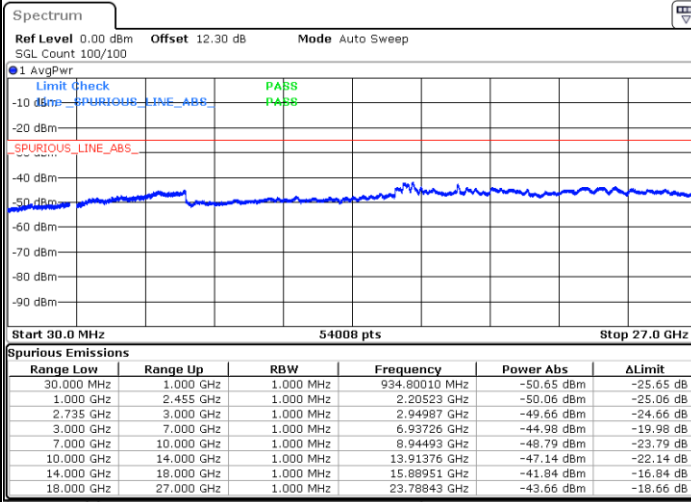


LTE Band 41C / 20MHz+20MHz

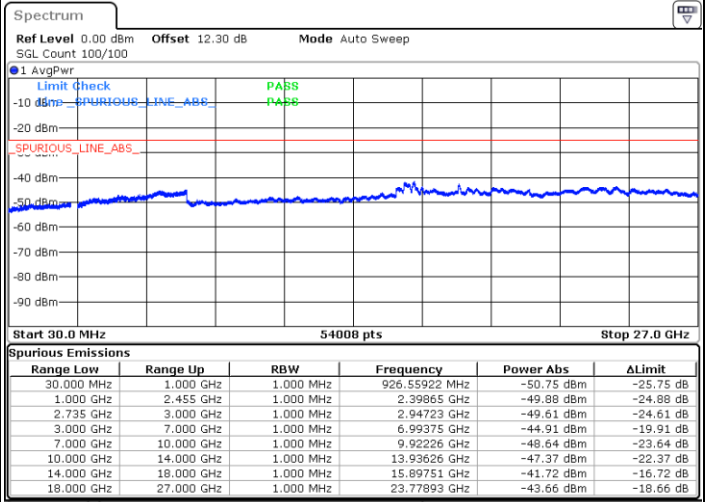
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



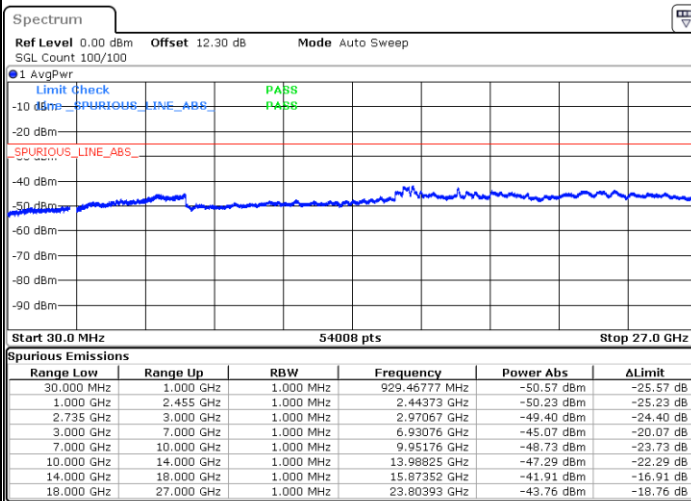
Date: 9.DEC.2025 02:17:59



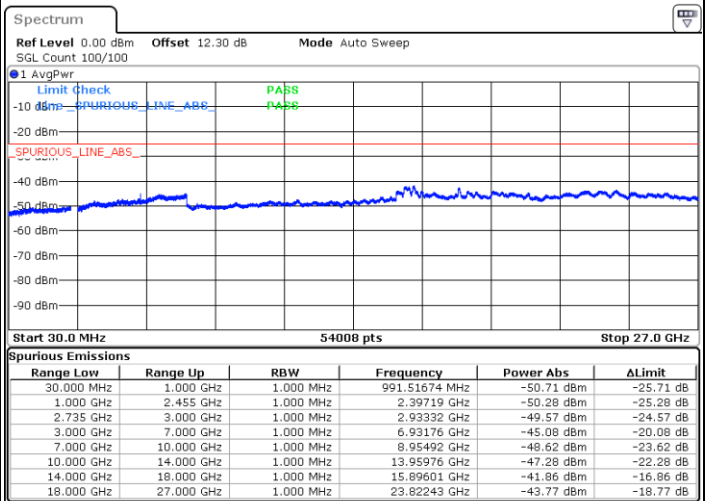
Date: 9.DEC.2025 02:16:22

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 9.DEC.2025 02:19:42



Date: 9.DEC.2025 02:21:19

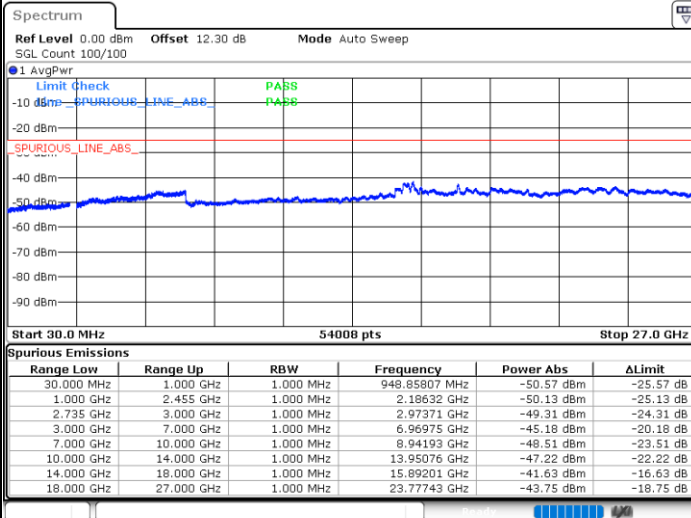


LTE Band 41C / 20MHz+20MHz

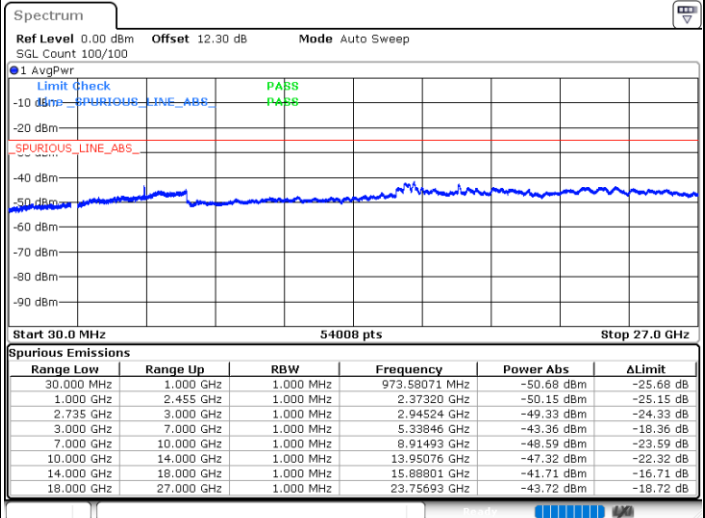
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 9.DEC.2025 02:24:38



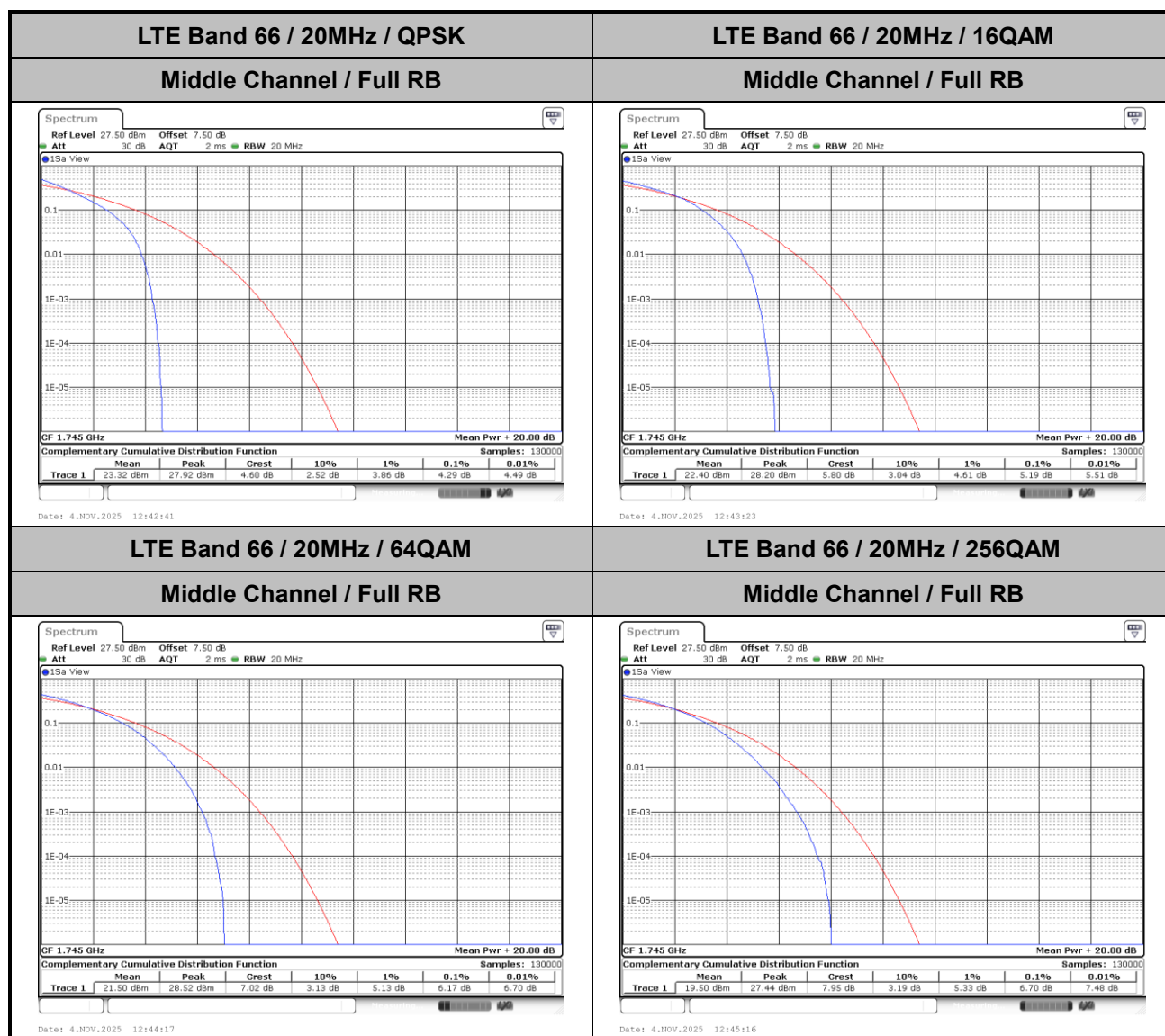
Date: 9.DEC.2025 02:23:02



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.29	5.19	6.17	6.70	PASS





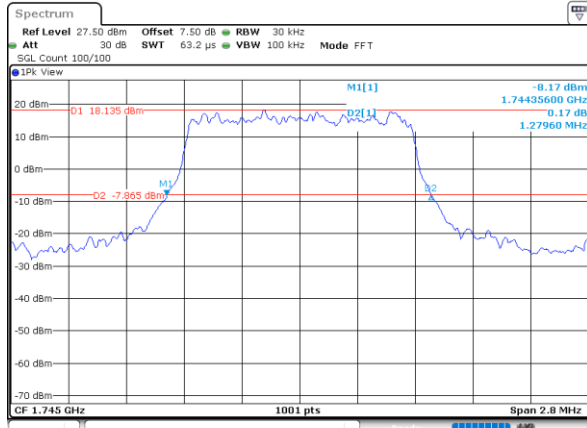
26dB Bandwidth

Mode	LTE Band 66 : 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	1.27	1.29	2.97	3.00	4.89	4.87	9.68	9.80	14.40	14.49	18.96	19.08



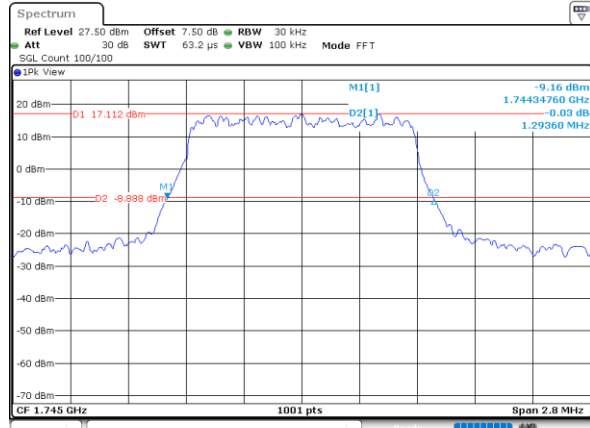
LTE Band 66

Middle Channel / 1.4MHz / QPSK



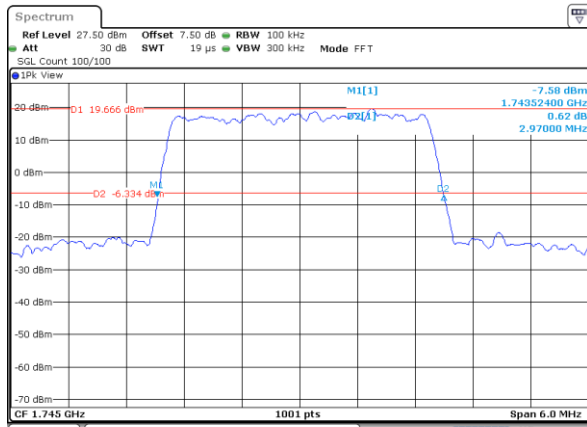
Date: 4.NOV.2025 12:31:28

Middle Channel / 1.4MHz / 16QAM



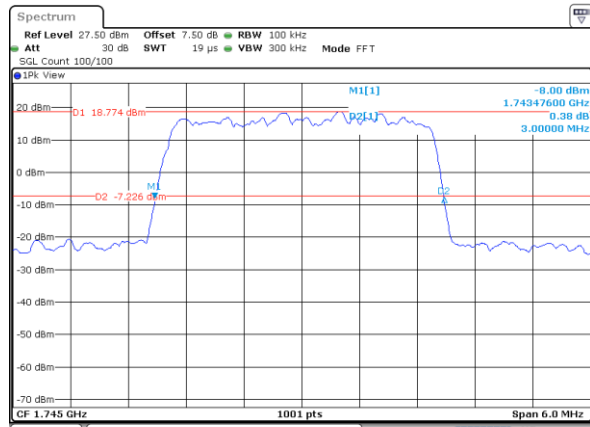
Date: 4.NOV.2025 12:32:05

Middle Channel / 3MHz / QPSK



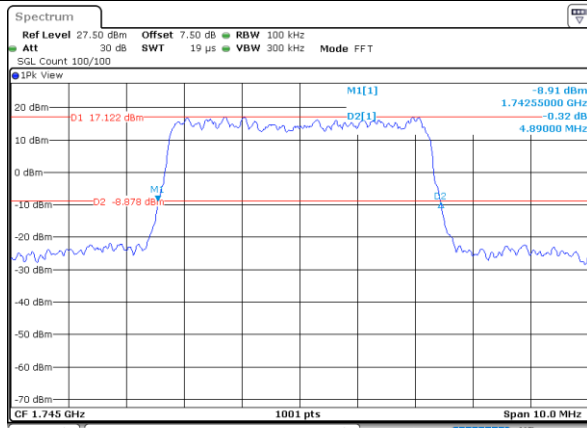
Date: 4.NOV.2025 12:35:30

Middle Channel / 3MHz / 16QAM



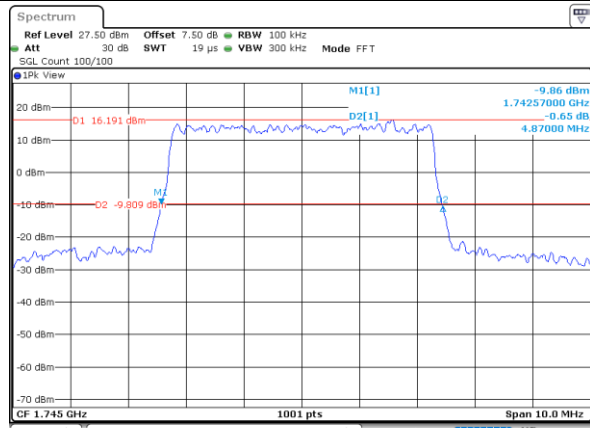
Date: 4.NOV.2025 12:36:06

Middle Channel / 5MHz / QPSK

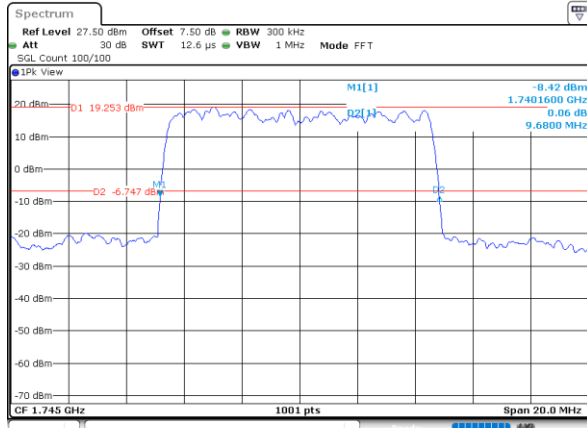
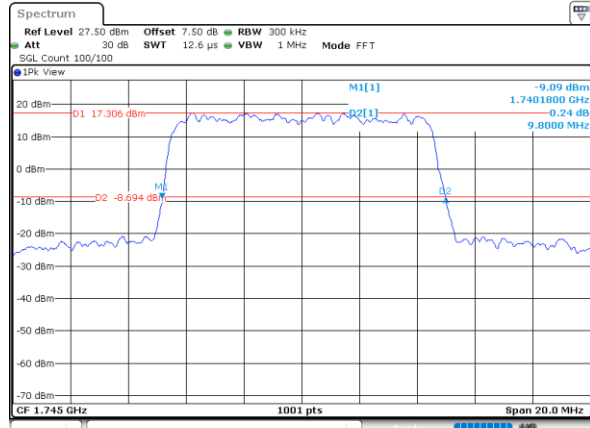
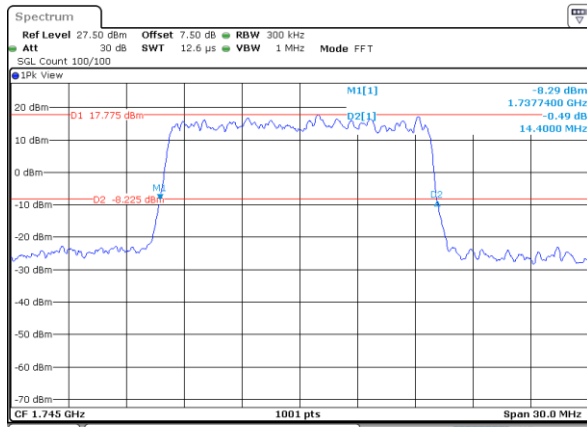
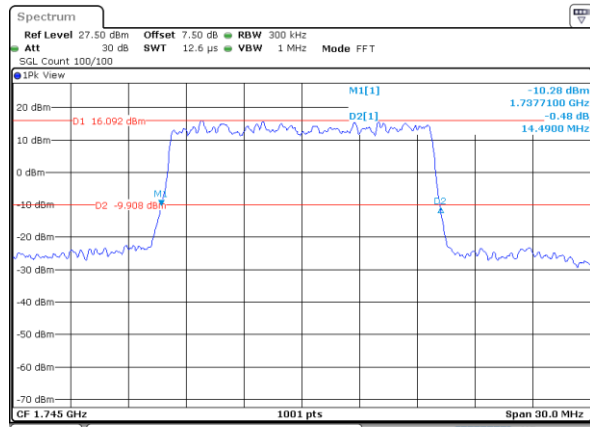
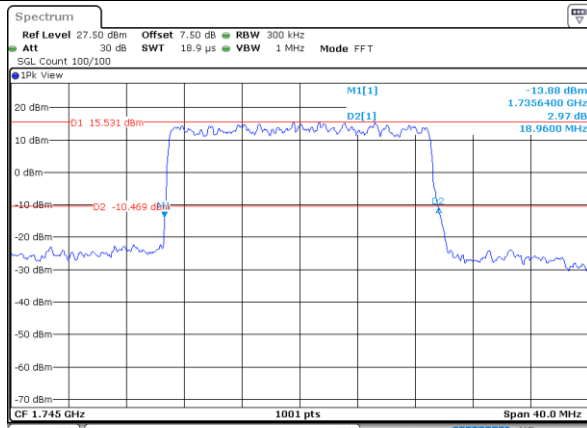
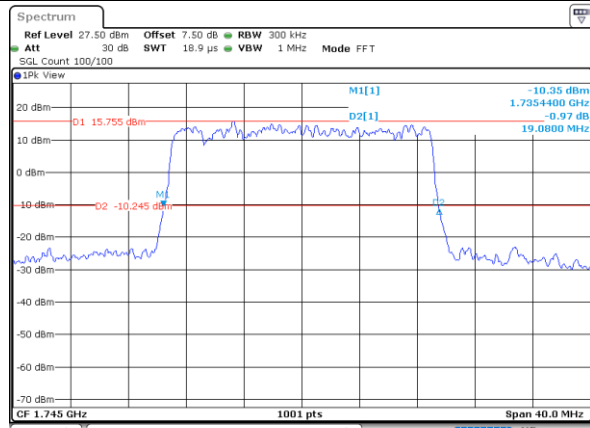


Date: 4.NOV.2025 12:36:47

Middle Channel / 5MHz / 16QAM



Date: 4.NOV.2025 12:38:01

**LTE Band 66****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz / 16QAM****Middle Channel / 15MHz / QPSK****Middle Channel / 15MHz / 16QAM****Middle Channel / 20MHz / QPSK****Middle Channel / 20MHz / 16QAM**



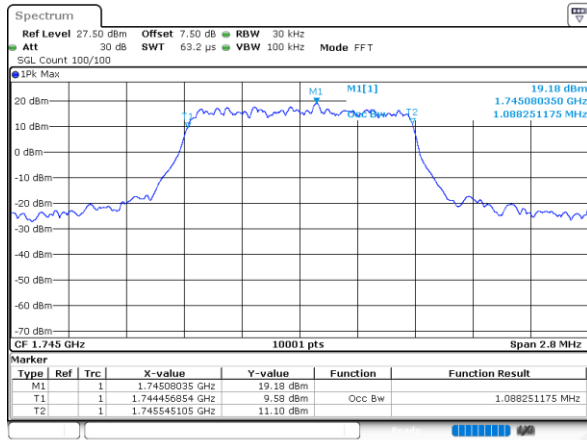
Occupied Bandwidth

Mode	LTE Band 66 : 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	1.08	1.09	2.70	2.72	4.47	4.49	9.04	9.02	13.48	13.44	17.87	17.90

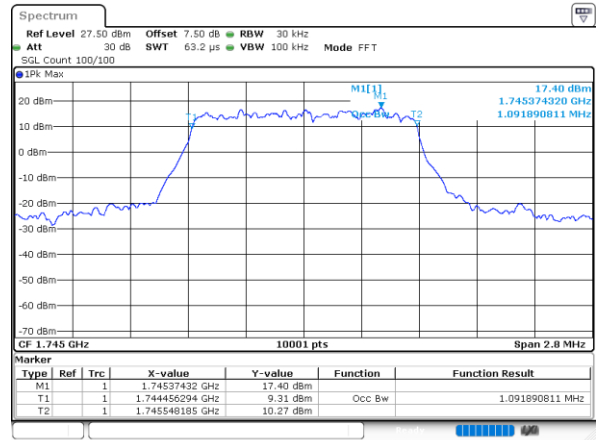


LTE Band 66

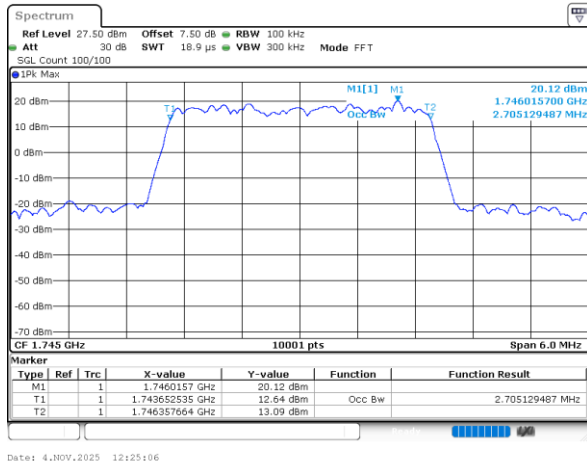
Middle Channel / 1.4MHz / QPSK



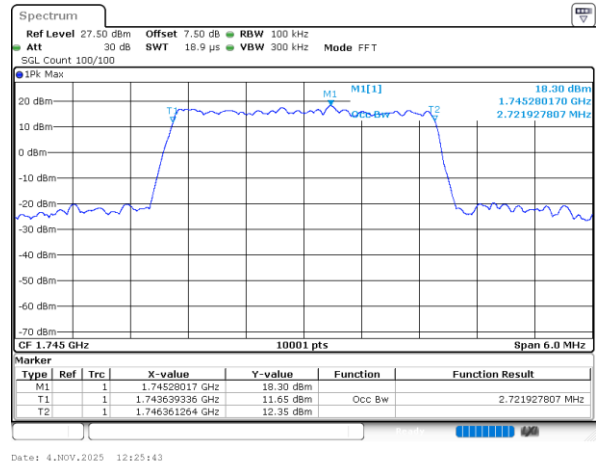
Middle Channel / 1.4MHz / 16QAM



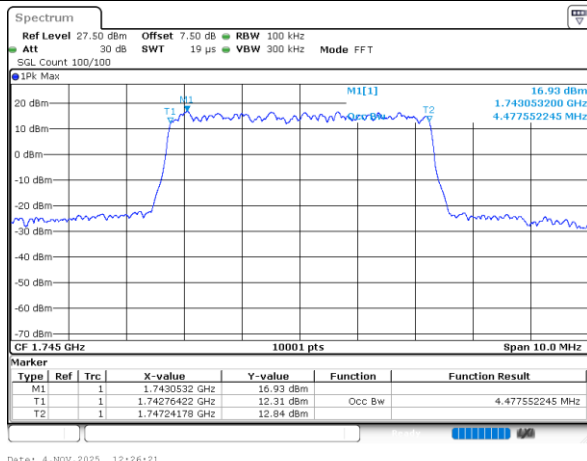
Middle Channel / 3MHz / QPSK



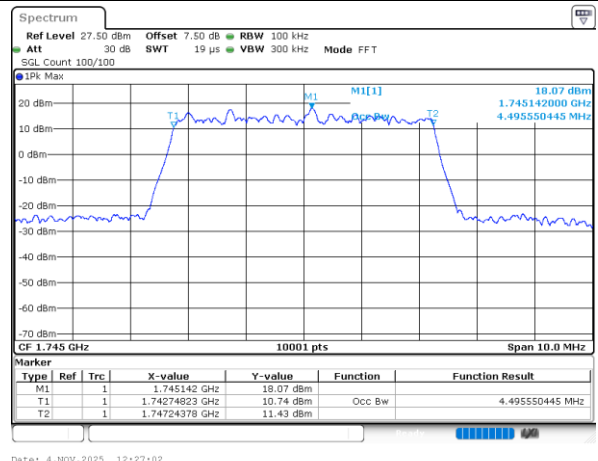
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



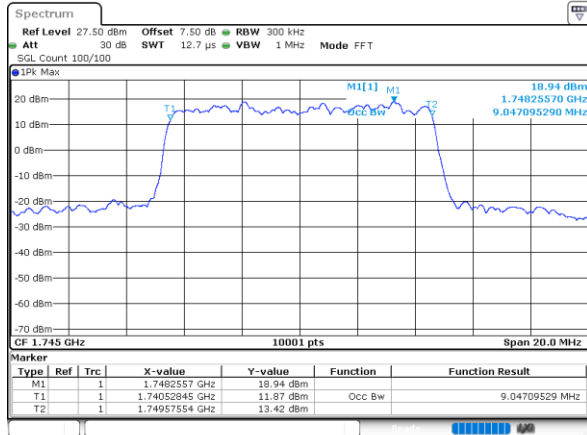
Middle Channel / 5MHz / 16QAM



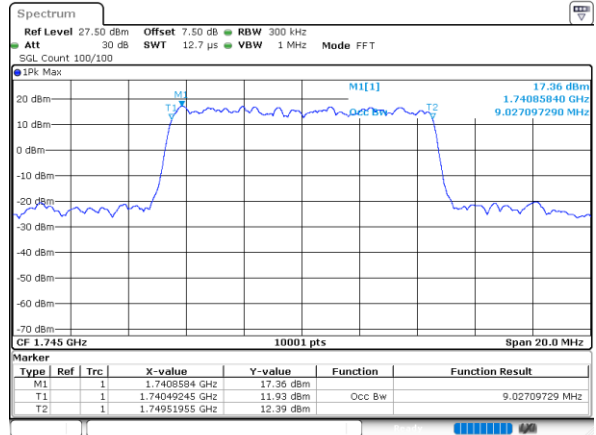


LTE Band 66

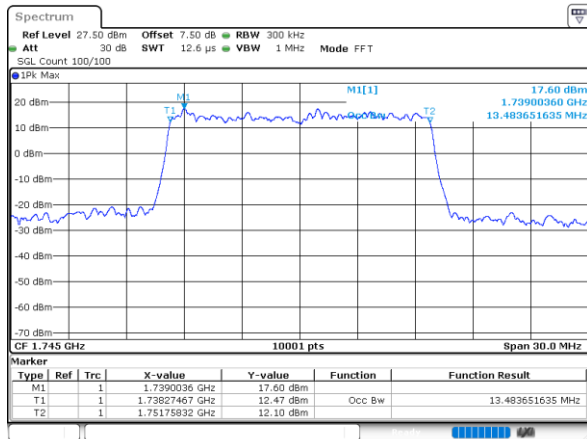
Middle Channel / 10MHz / QPSK



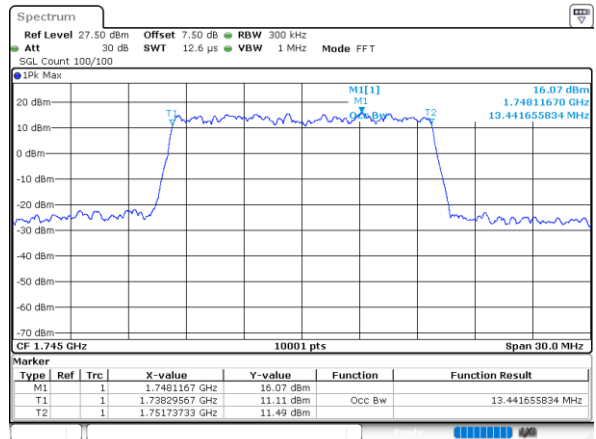
Middle Channel / 10MHz / 16QAM



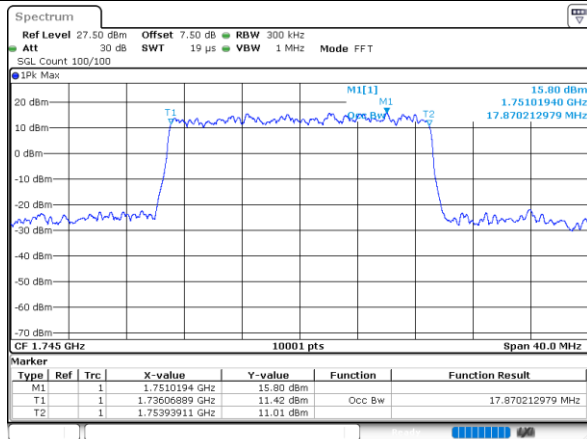
Middle Channel / 15MHz / QPSK



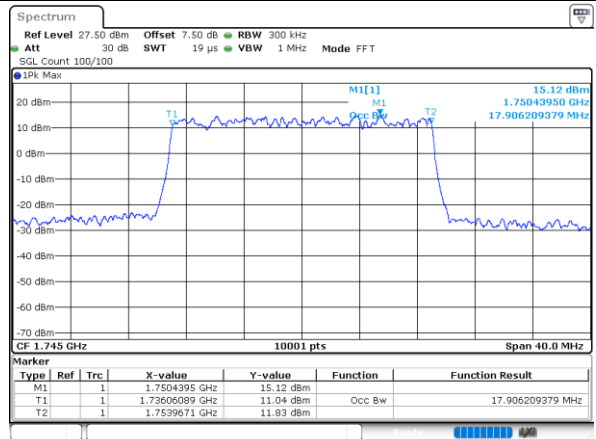
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

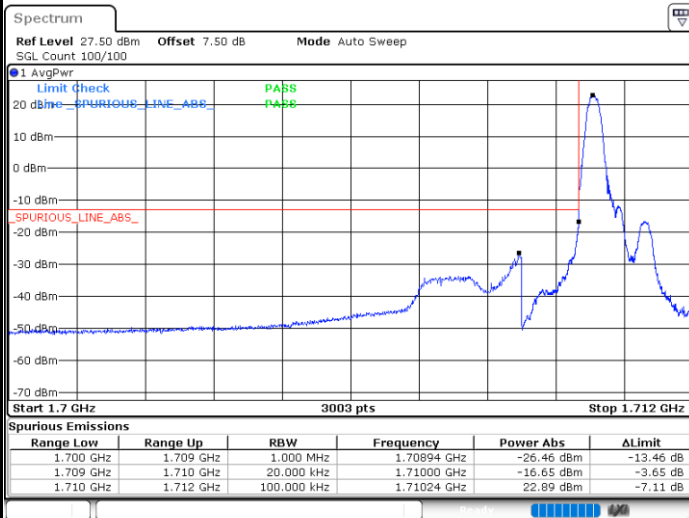




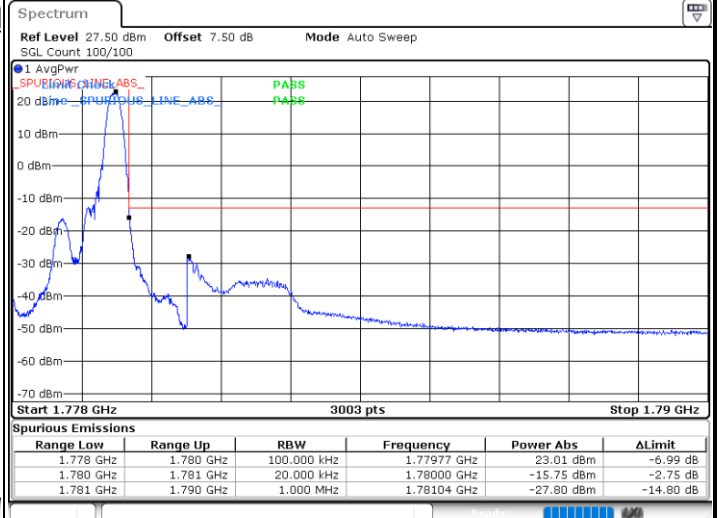
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

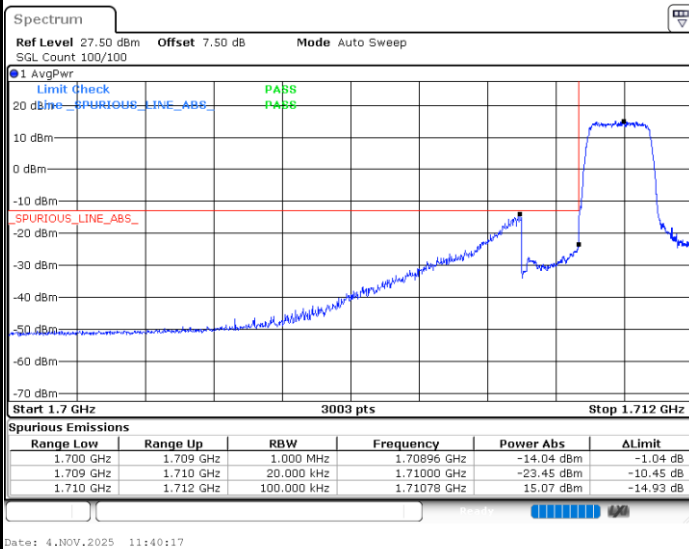
Lowest Band Edge / 1RB



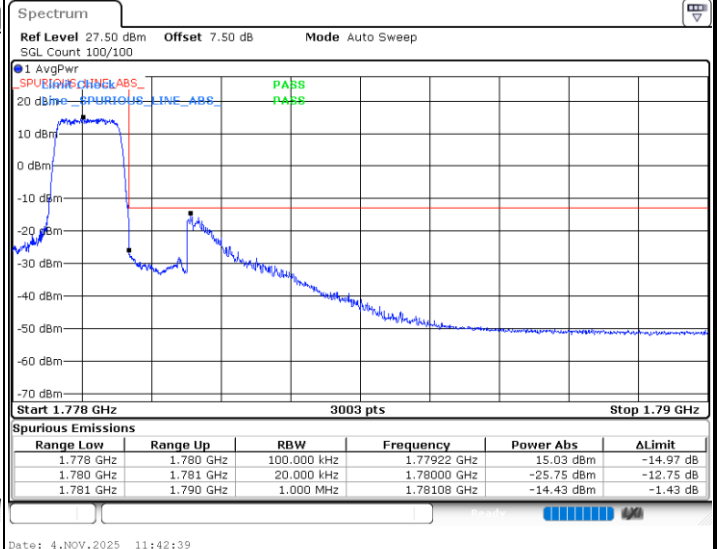
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



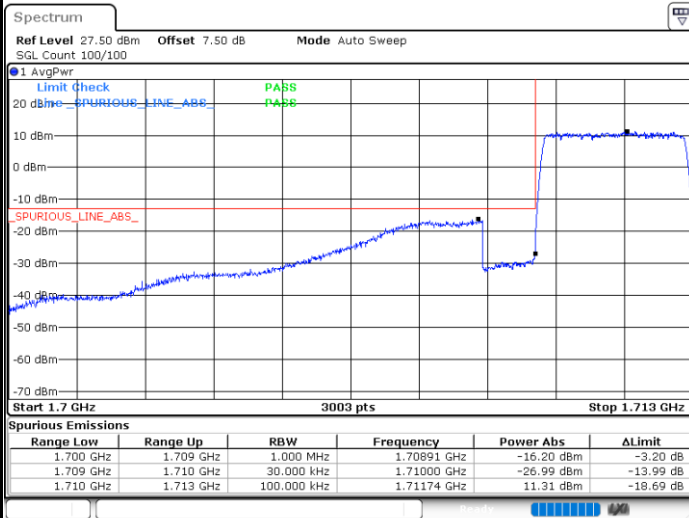
Highest Band Edge / Full RB



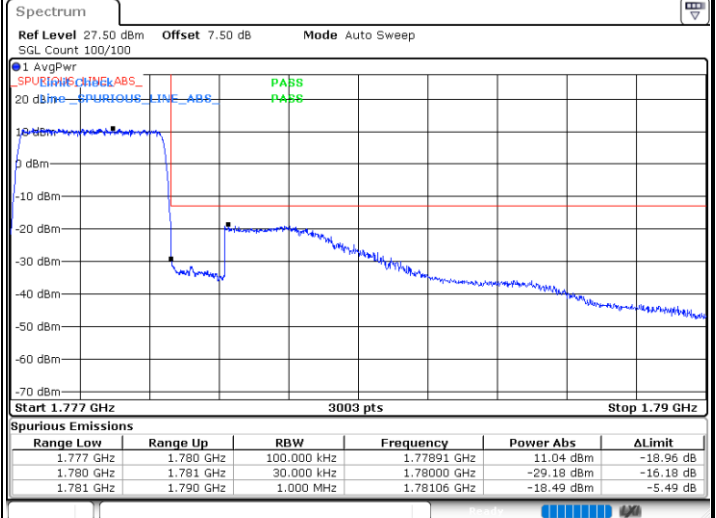


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

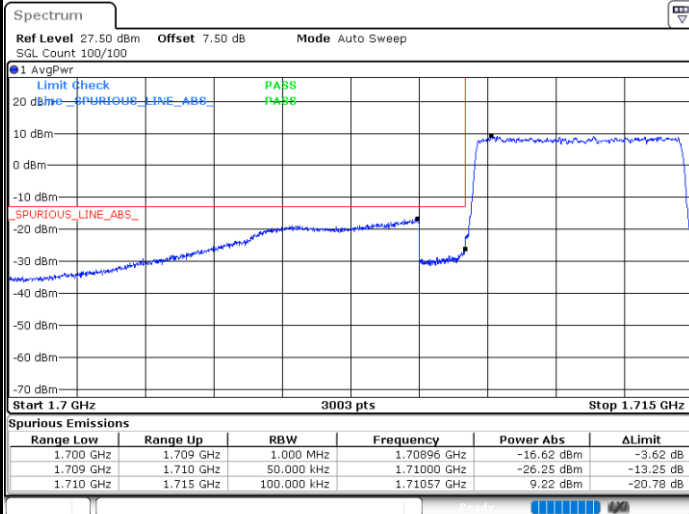


Highest Band Edge / Full RB

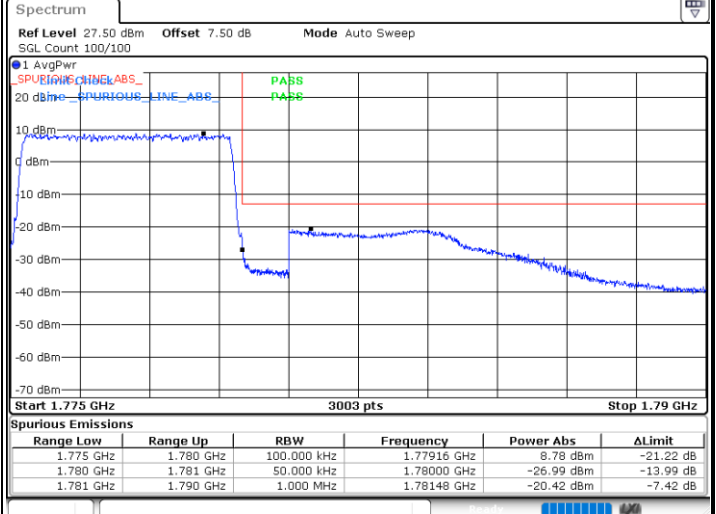


LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



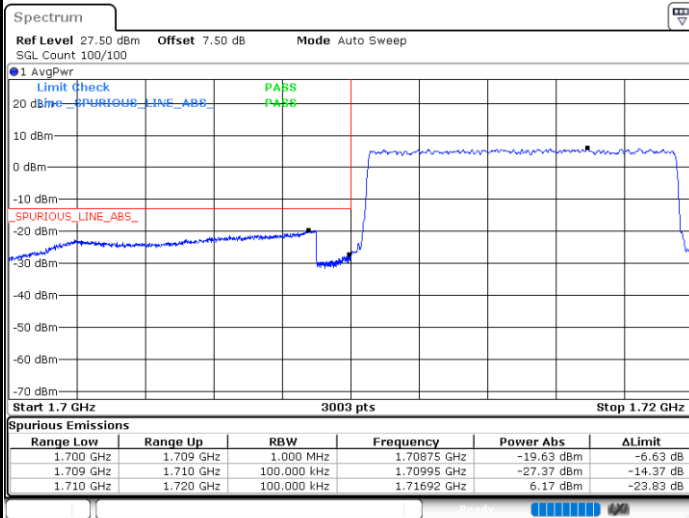
Highest Band Edge / Full RB



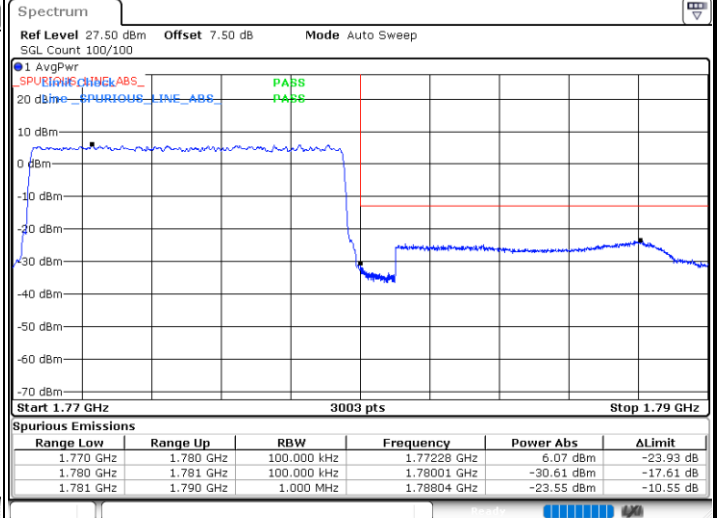


LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

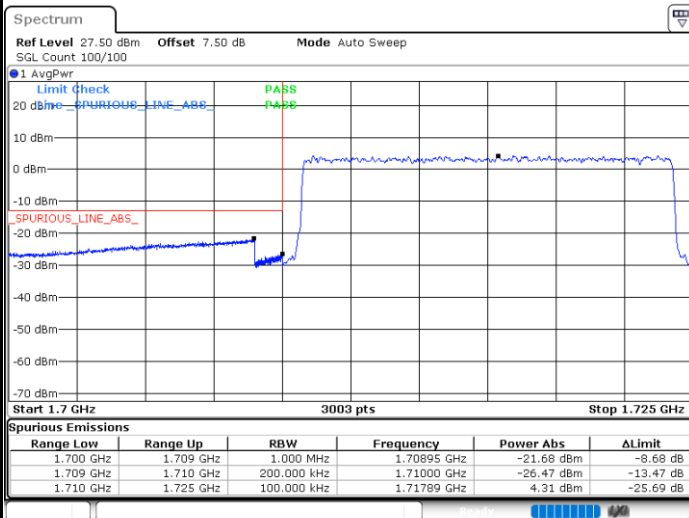


Highest Band Edge / Full RB

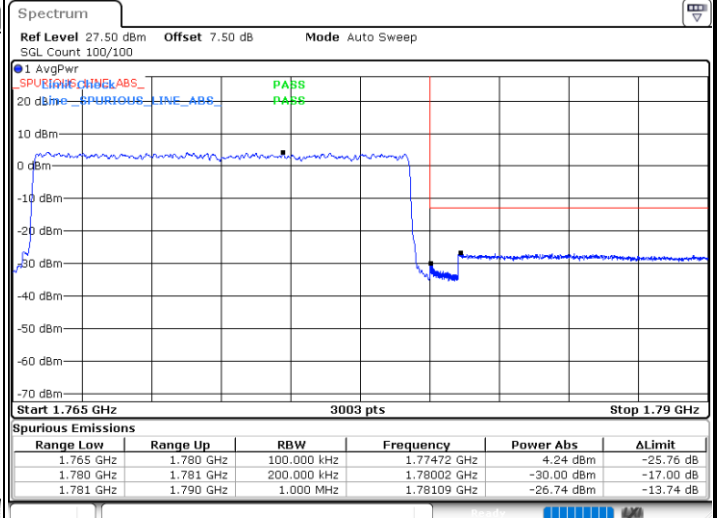


LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



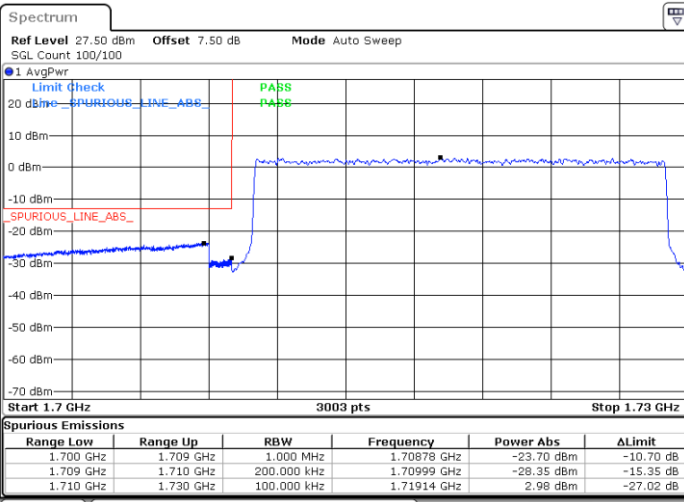
Highest Band Edge / Full RB





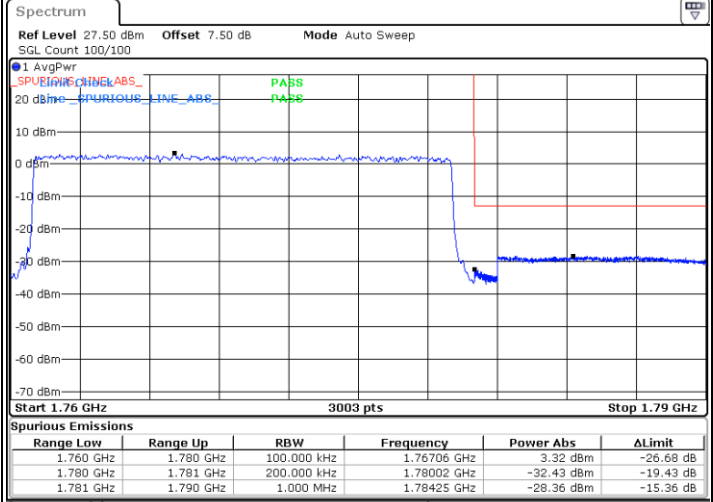
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 4.NOV.2025 11:53:13

Highest Band Edge / Full RB



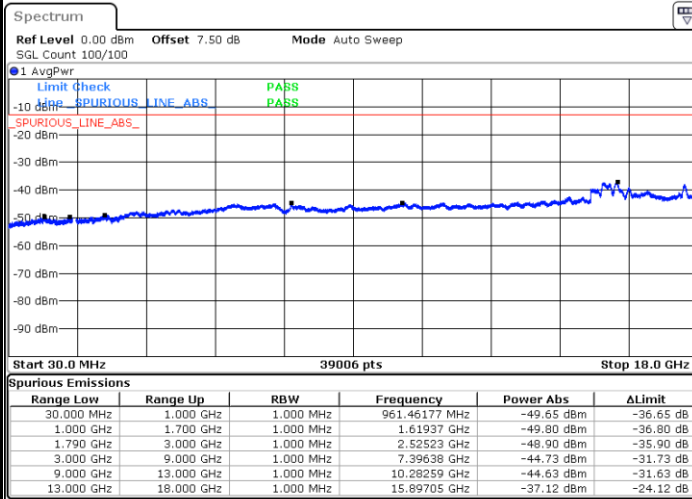
Date: 4.NOV.2025 11:54:24



Conducted Spurious Emission

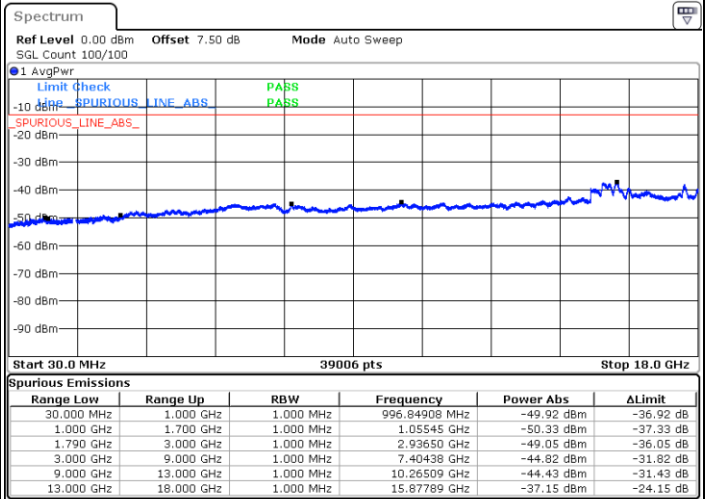
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



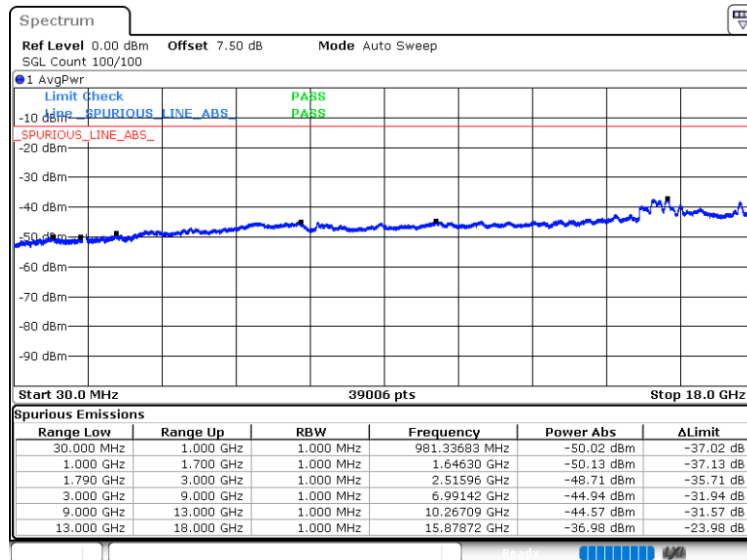
Date: 4.NOV.2025 11:55:52

Middle Channel / QPSK



Date: 4.NOV.2025 11:57:25

Highest Channel / QPSK

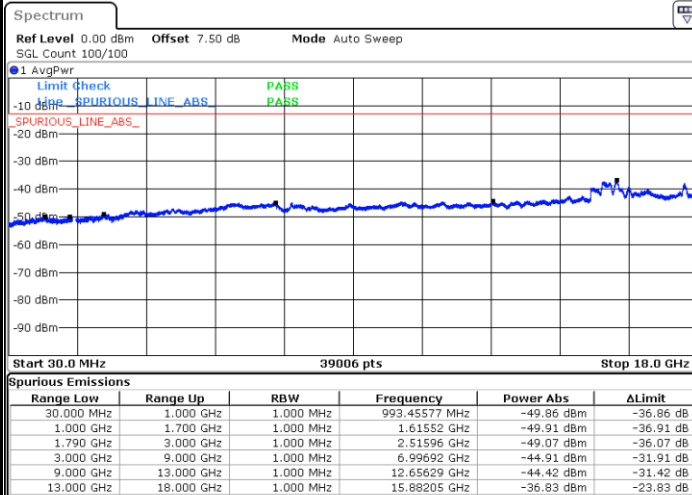


Date: 4.NOV.2025 11:58:55



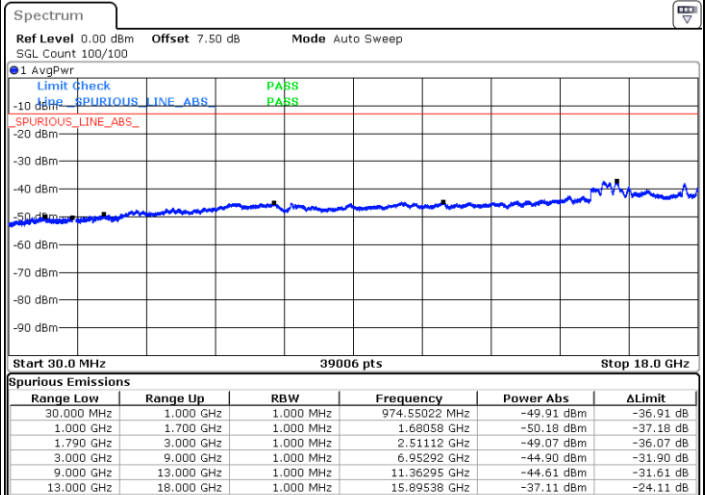
LTE Band 66 / 3MHz

Lowest Channel / QPSK



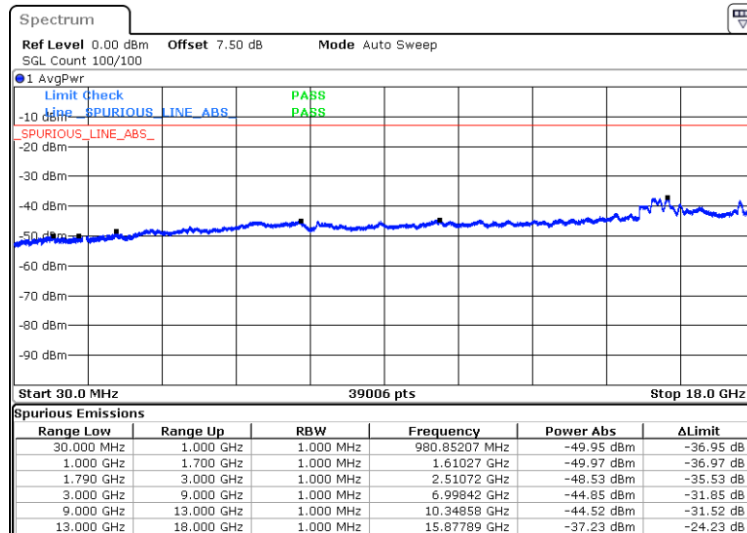
Date: 4.NOV.2025 12:00:25

Middle Channel / QPSK



Date: 4.NOV.2025 12:01:56

Highest Channel / QPSK

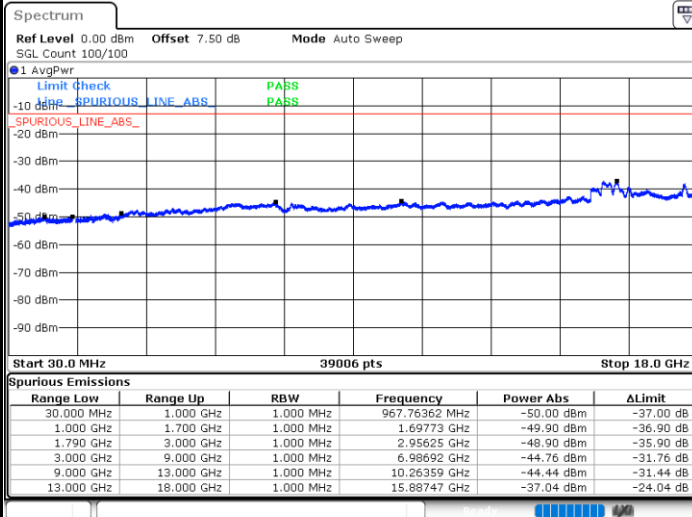


Date: 4.NOV.2025 12:03:26



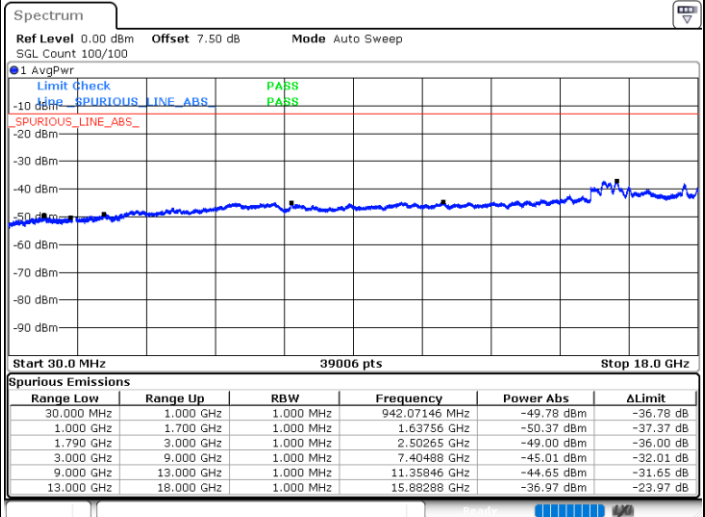
LTE Band 66 / 5MHz

Lowest Channel / QPSK



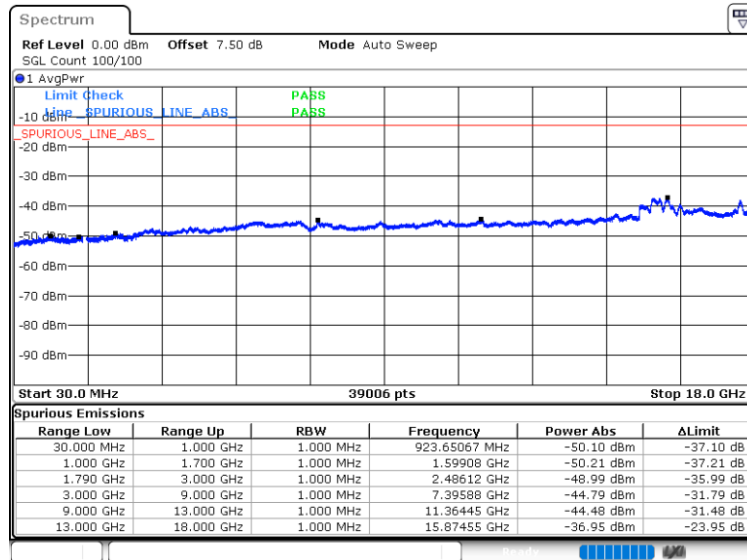
Date: 4.NOV.2025 12:04:58

Middle Channel / QPSK



Date: 4.NOV.2025 12:06:28

Highest Channel / QPSK

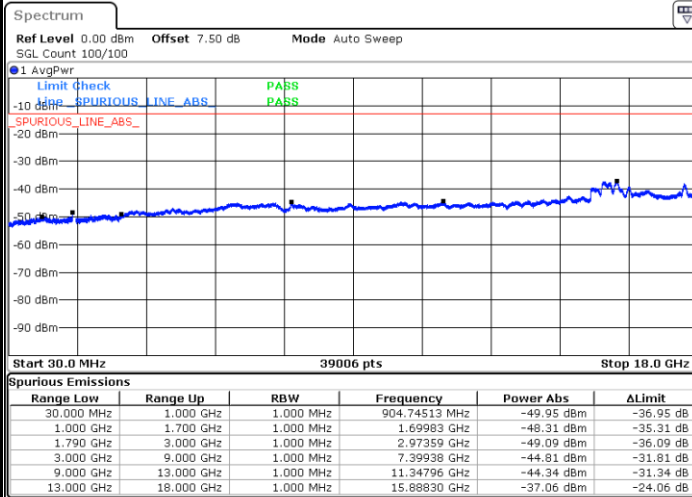


Date: 4.NOV.2025 12:07:59



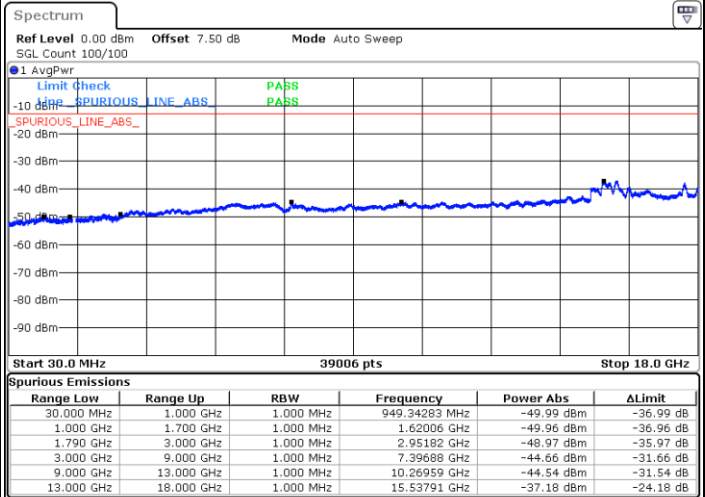
LTE Band 66 / 10MHz

Lowest Channel / QPSK



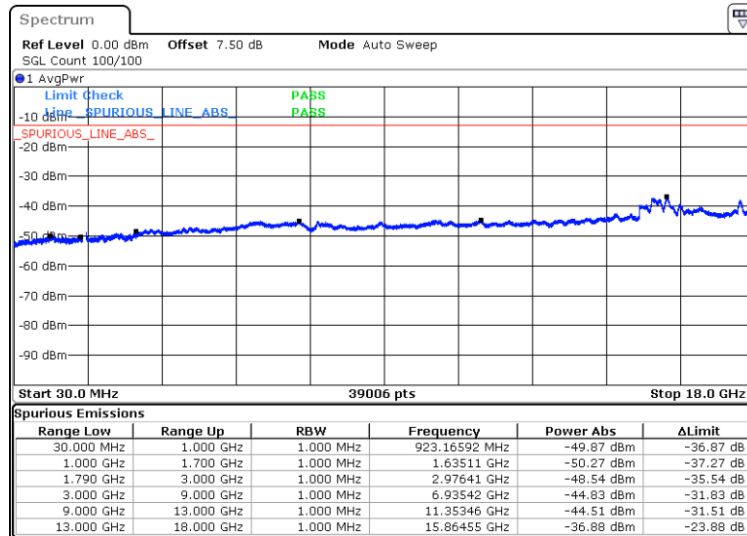
Date: 4.NOV.2025 12:09:29

Middle Channel / QPSK



Date: 4.NOV.2025 12:11:05

Highest Channel / QPSK

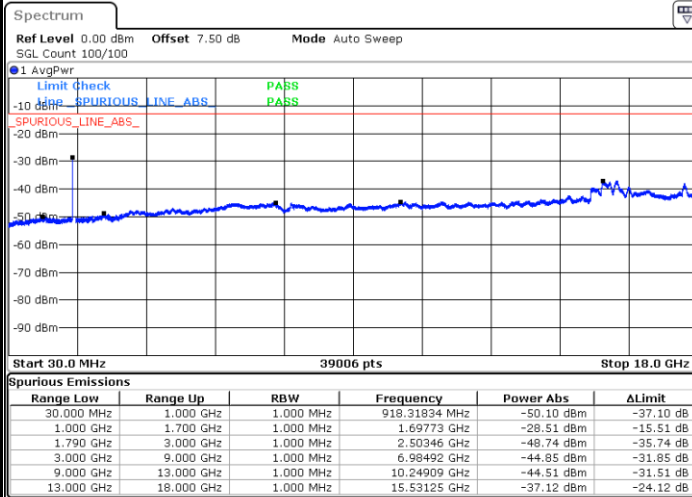


Date: 4.NOV.2025 12:12:38



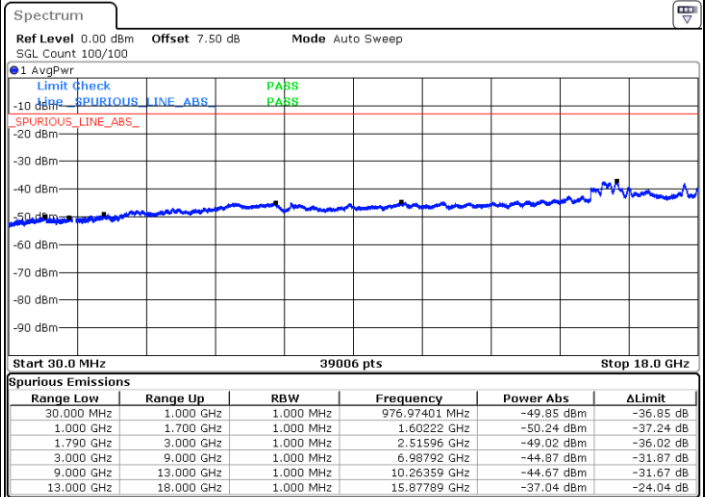
LTE Band 66 / 15MHz

Lowest Channel / QPSK



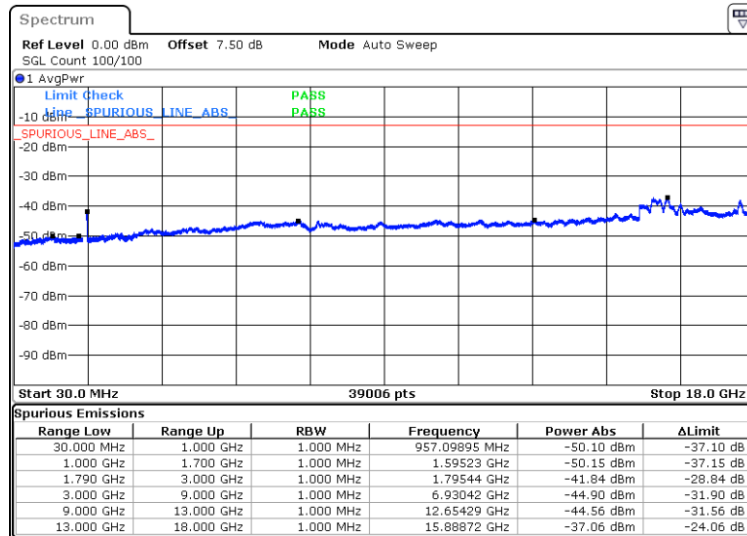
Date: 4.NOV.2025 12:14:11

Middle Channel / QPSK



Date: 4.NOV.2025 12:15:39

Highest Channel / QPSK

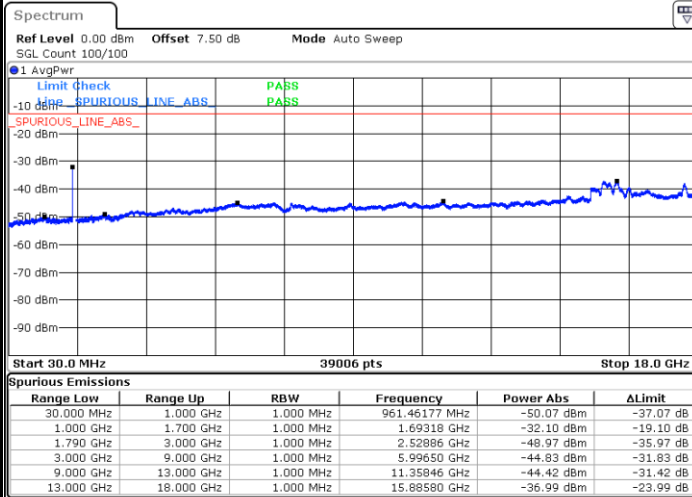


Date: 4.NOV.2025 12:18:33



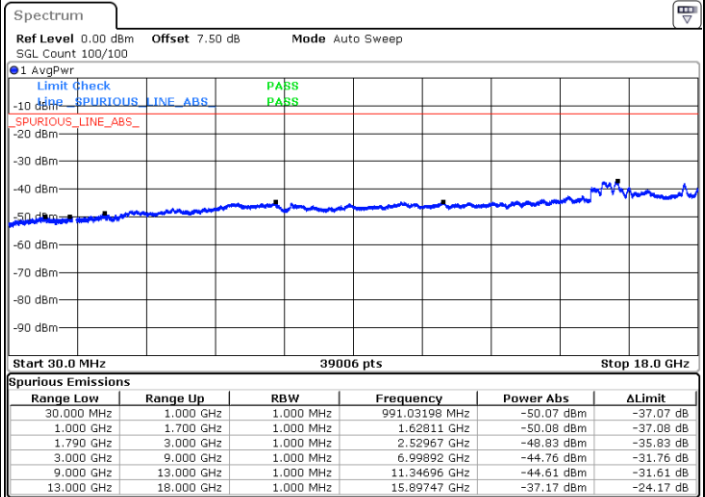
LTE Band 66 / 20MHz

Lowest Channel / QPSK



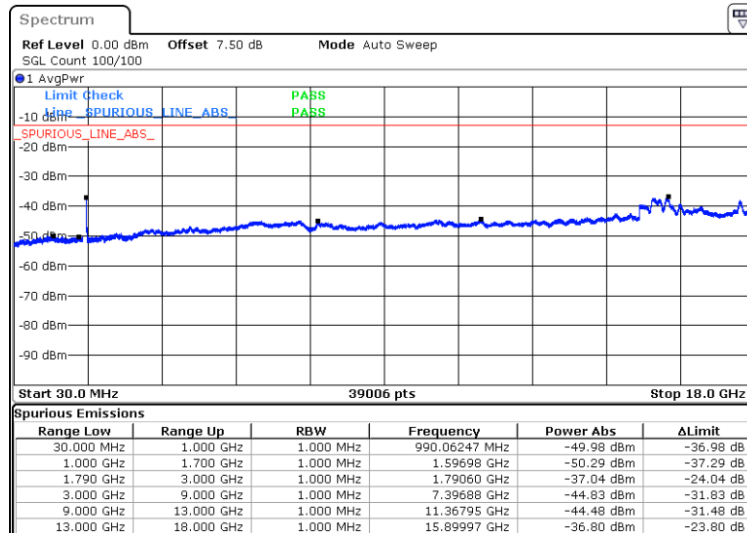
Date: 4.NOV.2025 12:20:07

Middle Channel / QPSK



Date: 4.NOV.2025 12:21:39

Highest Channel / QPSK



Date: 4.NOV.2025 12:23:09

**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0067	11.7	Yes	PASS
40	Normal Voltage	0.0072	12.6	Yes	
30	Normal Voltage	0.0051	8.9	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0067	11.7	Yes	
0	Normal Voltage	0.0027	4.7	Yes	
-10	Normal Voltage	0.0040	6.9	Yes	
-20	Normal Voltage	0.0072	12.6	Yes	
-30	Normal Voltage	0.0002	-0.4	Yes	
20	Maximum Voltage	0.0071	12.4	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0015	-2.6	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 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.98	14.58	19.04
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.67	19.60	19.20
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.96	14.58	18.96
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.79	19.60	19.04



LTE Band 66B

QPSK

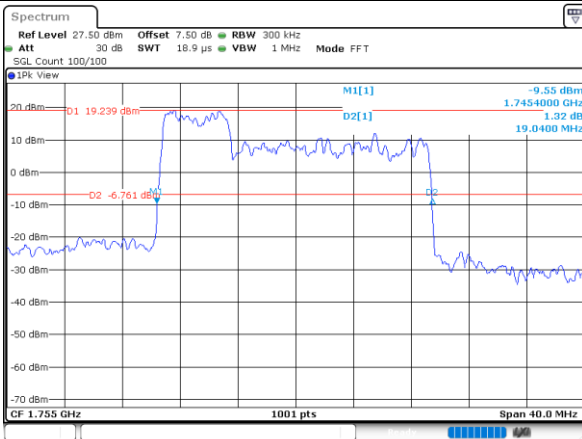
Middle Channel / 5MHz+5MHz



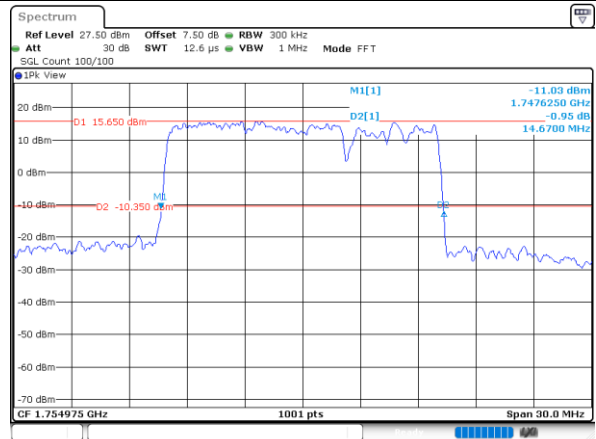
Middle Channel / 5MHz+10MHz



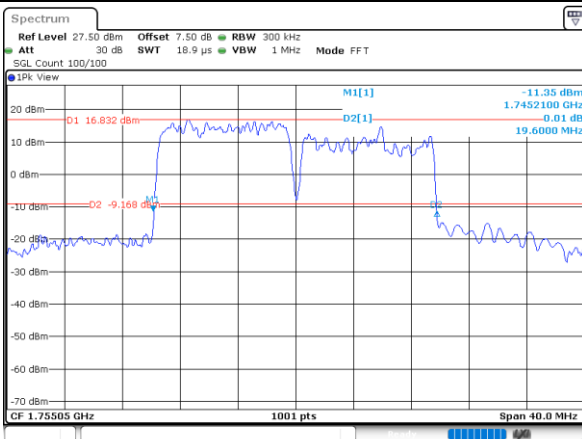
Middle Channel / 5MHz+15MHz



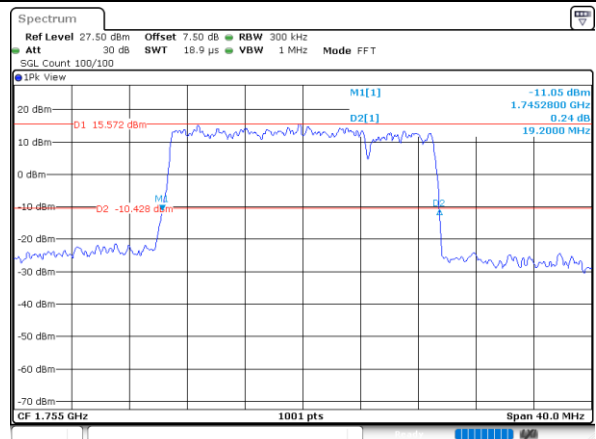
Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



Middle Channel / 15MHz+5MHz

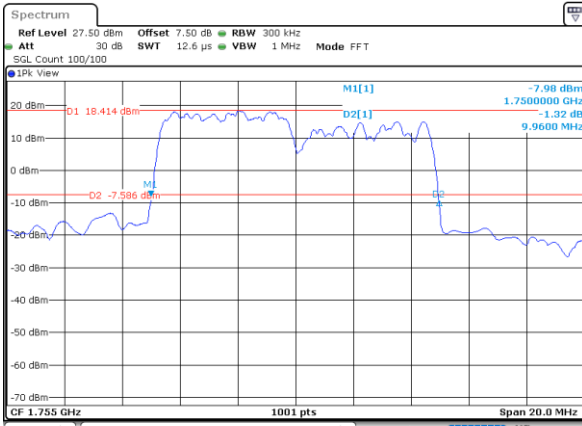




LTE Band 66B

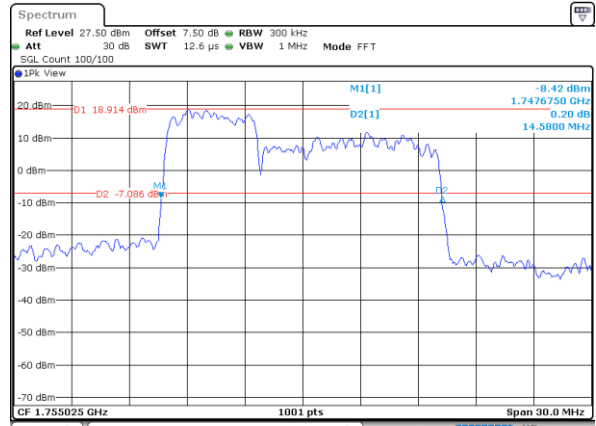
16QAM

Middle Channel / 5MHz+5MHz



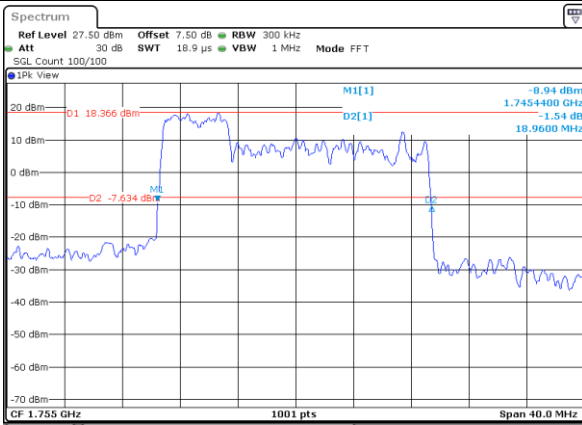
Date: 10, DEC, 2025 03:25:24

Middle Channel / 5MHz+10MHz



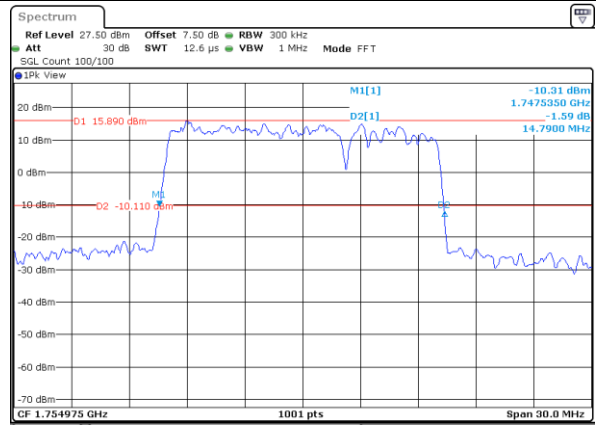
Date: 13, DEC, 2025 18:09:01

Middle Channel / 5MHz+15MHz



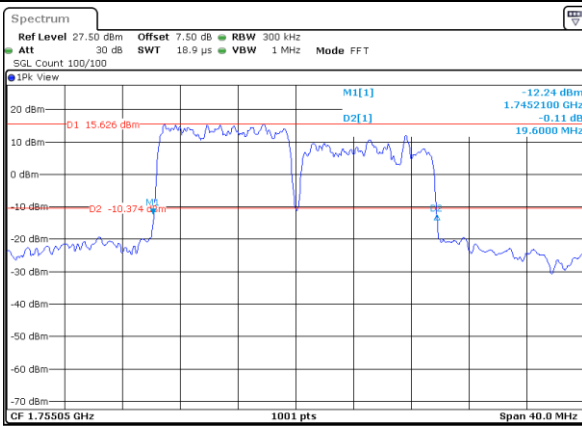
Date: 10, DEC, 2025 04:14:26

Middle Channel / 10MHz+5MHz



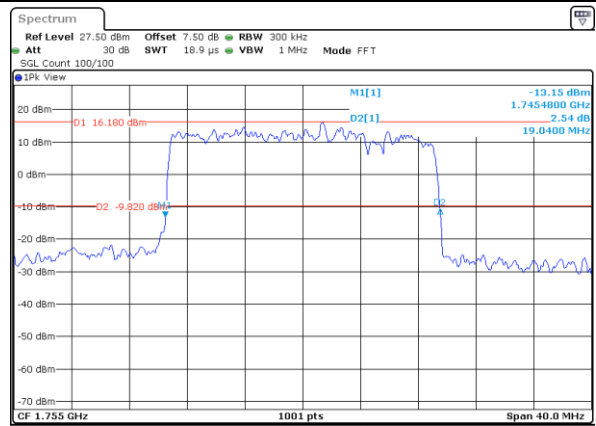
Date: 13, DEC, 2025 18:10:27

Middle Channel / 10MHz+10MHz



Date: 13, DEC, 2025 18:11:49

Middle Channel / 15MHz+5MHz



Date: 10, DEC, 2025 04:15:50

**Occupied Bandwidth**

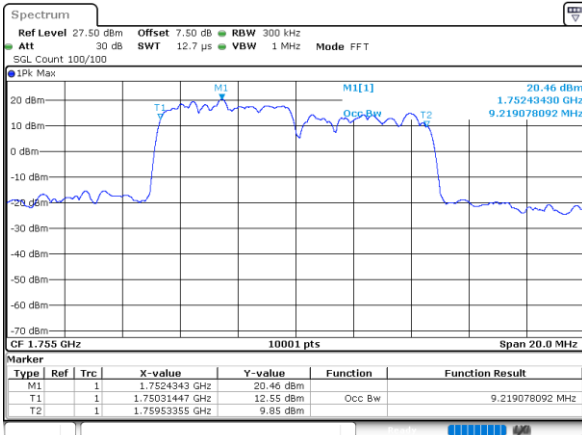
Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.21	13.95	18.26
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.85	18.63	18.12
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.25	13.63	17.97
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.90	18.70	18.08



LTE Band 66B

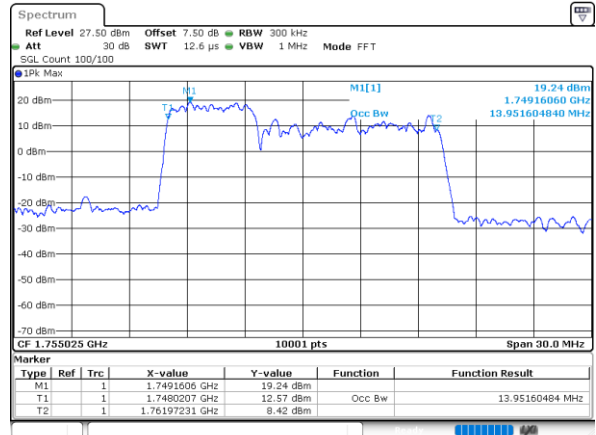
QPSK

Middle Channel / 5MHz+5MHz



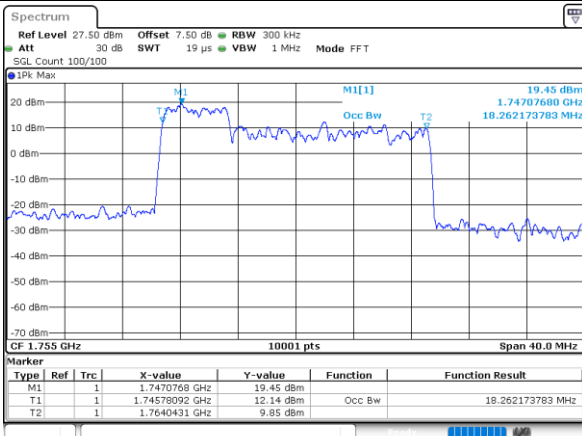
Date: 10_DEC.2025 02:52:14

Middle Channel / 5MHz+10MHz



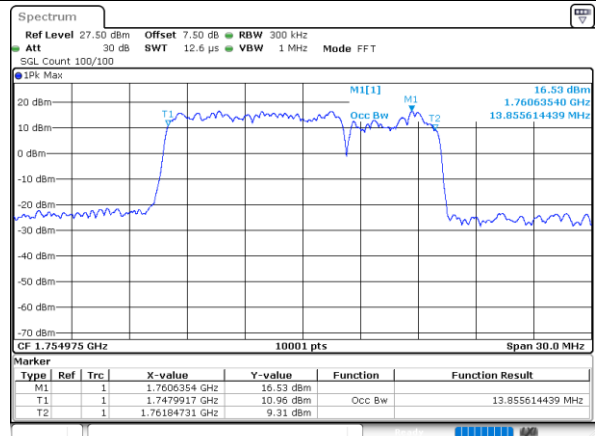
Date: 10_DEC.2025 02:53:53

Middle Channel / 5MHz+15MHz



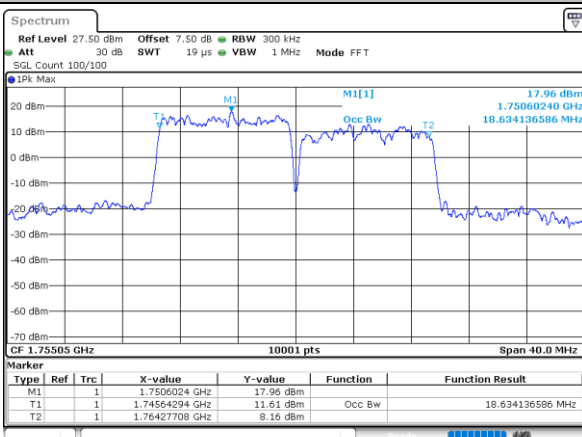
Date: 10_DEC.2025 02:58:09

Middle Channel / 10MHz+5MHz



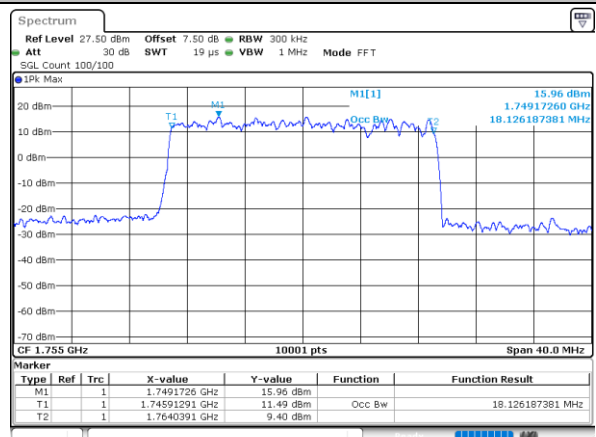
Date: 10_DEC.2025 02:55:19

Middle Channel / 10MHz+10MHz



Date: 10_DEC.2025 02:56:41

Middle Channel / 15MHz+5MHz



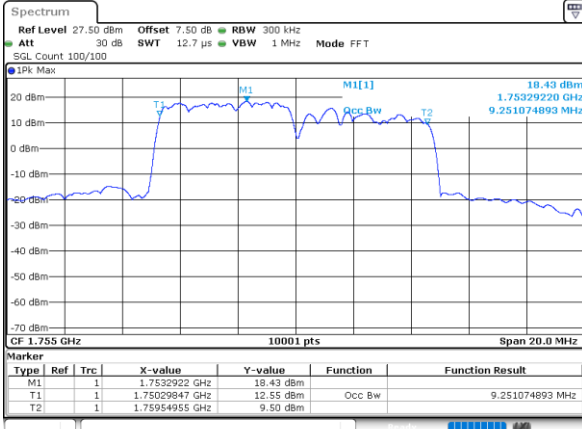
Date: 10_DEC.2025 02:59:28



LTE Band 66B

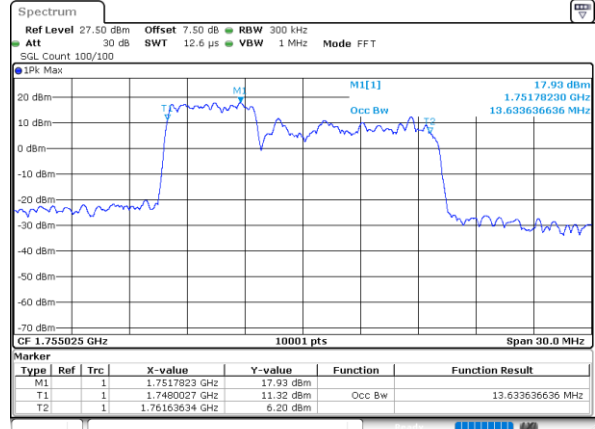
16QAM

Middle Channel / 5MHz+5MHz



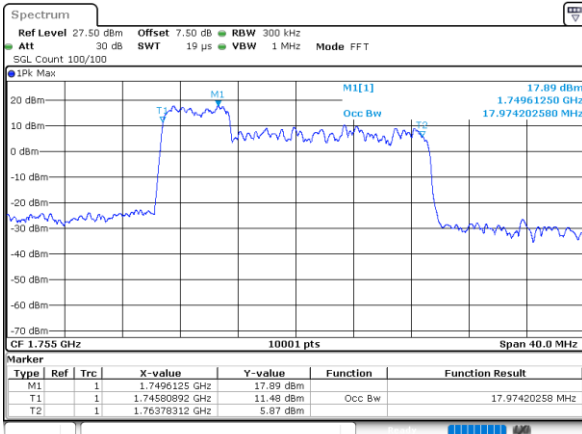
Date: 10_DEC.2025 02:53:10

Middle Channel / 5MHz+10MHz



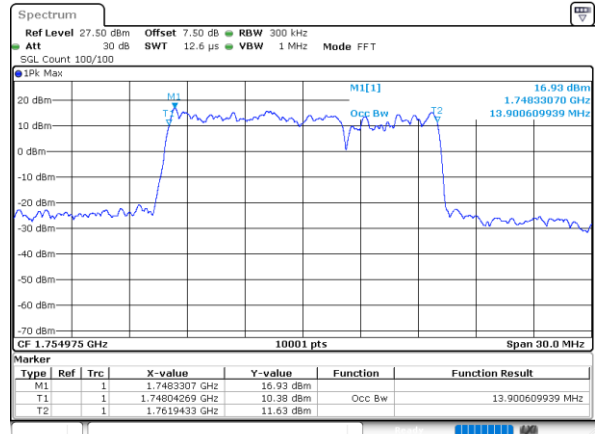
Date: 10_DEC.2025 02:54:33

Middle Channel / 5MHz+15MHz



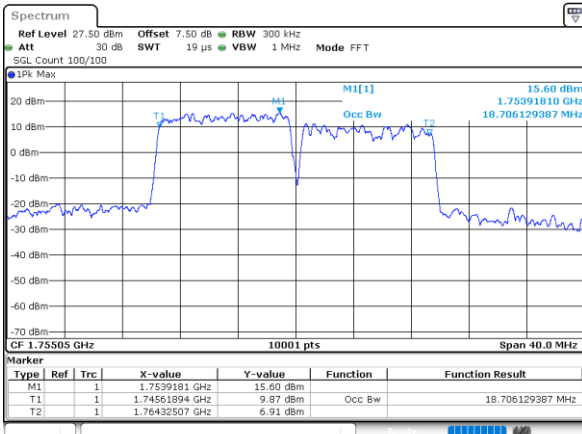
Date: 10_DEC.2025 02:58:45

Middle Channel / 10MHz+5MHz



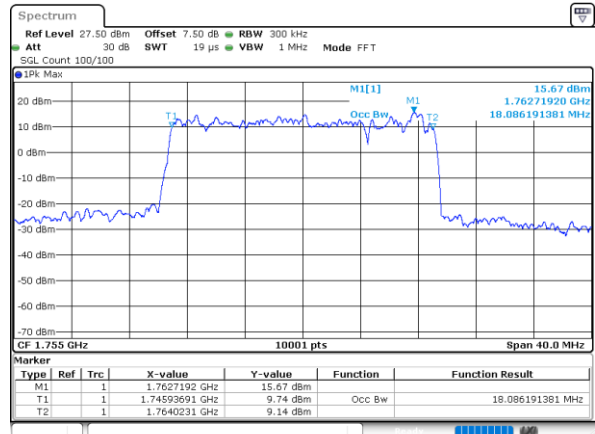
Date: 10_DEC.2025 02:55:57

Middle Channel / 10MHz+10MHz



Date: 10_DEC.2025 02:57:22

Middle Channel / 15MHz+5MHz



Date: 10_DEC.2025 03:00:06

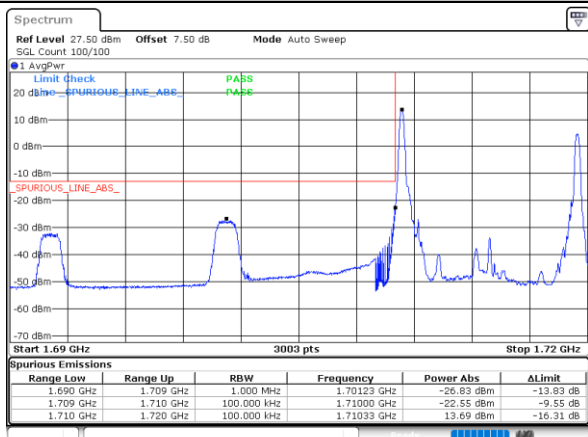


Conducted Band Edge

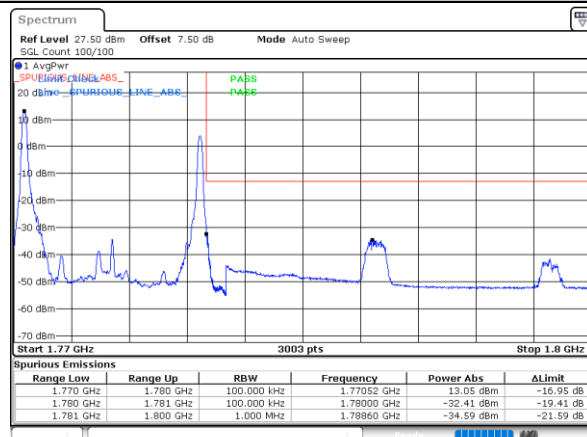
LTE Band 66B / 5MHz+5MHz

QPSK

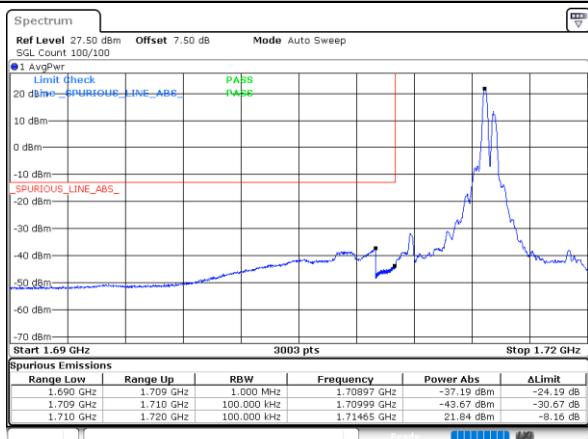
Lowest Band Edge / 1RB0 and 1RB24



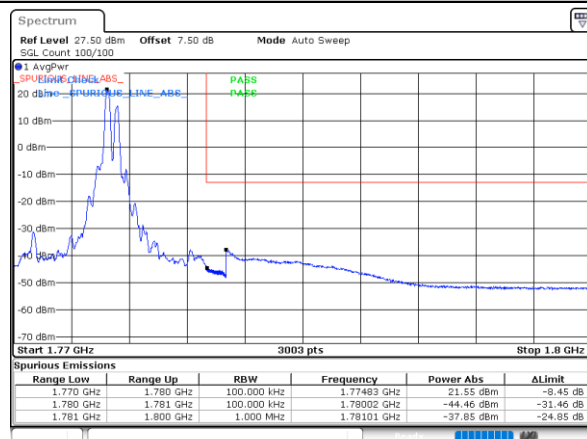
Highest Band Edge / 1RB0 and 1RB24



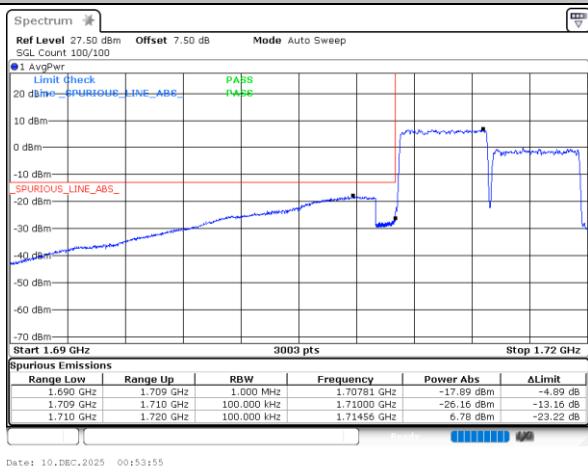
Lowest Band Edge / 1RB24 and 1RB0



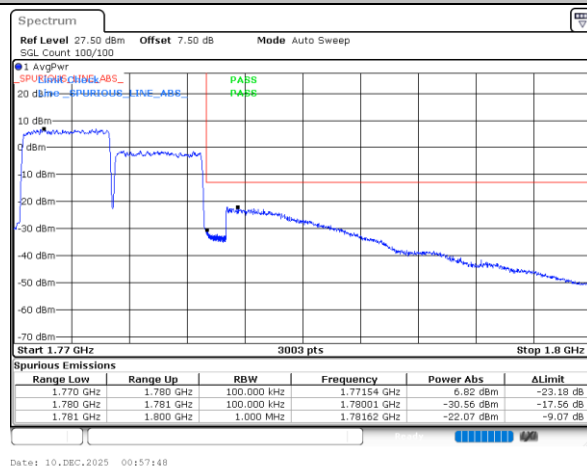
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

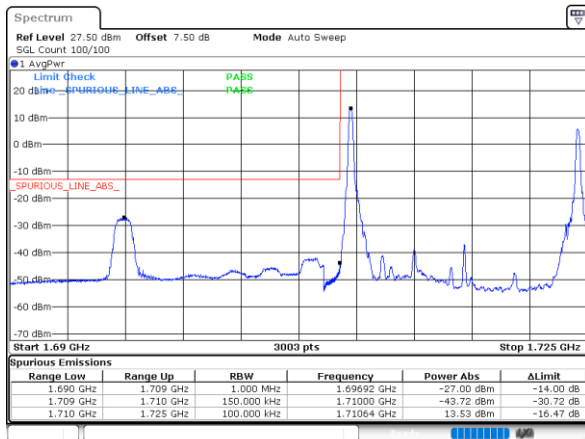




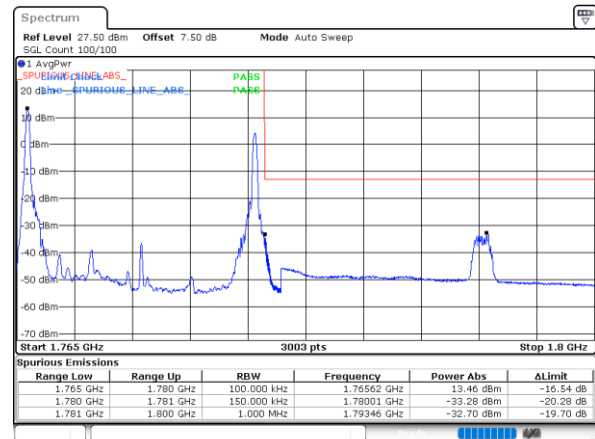
LTE Band 66B / 5MHz+10MHz

QPSK

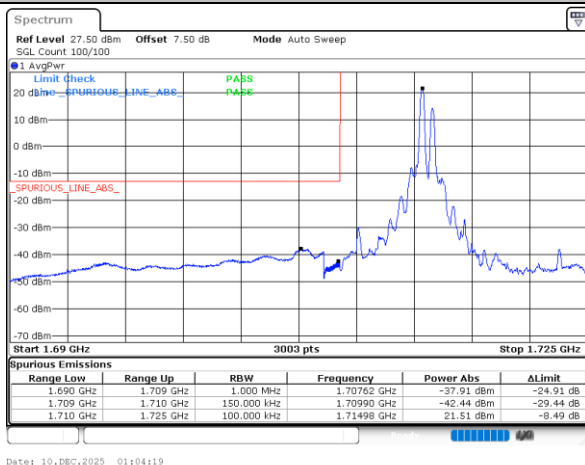
Lowest Band Edge / 1RB0 and 1RB49



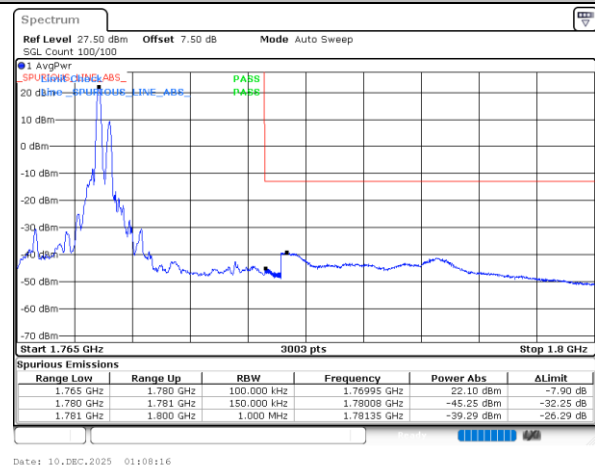
Highest Band Edge / 1RB0 and 1RB49



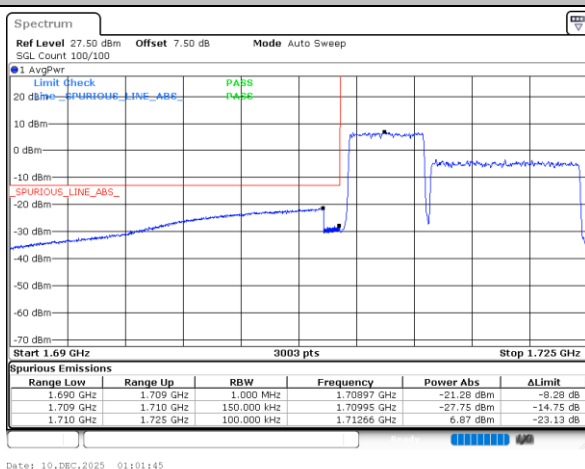
Lowest Band Edge / 1RB24 and 1RB0



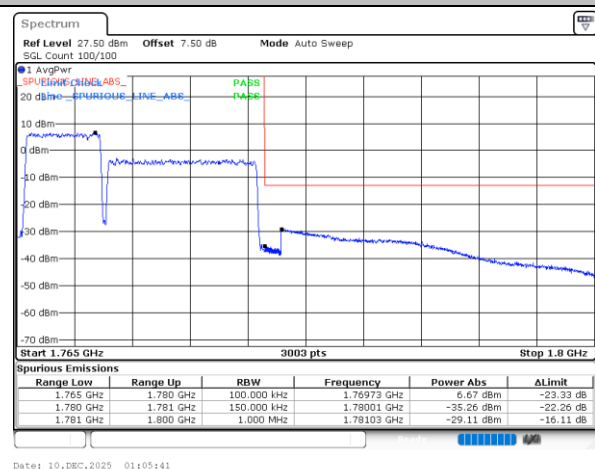
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

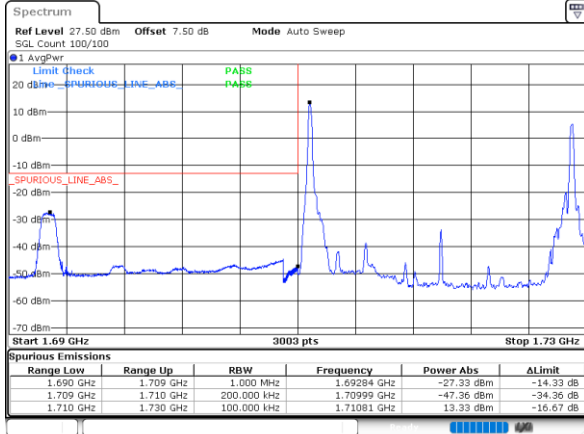




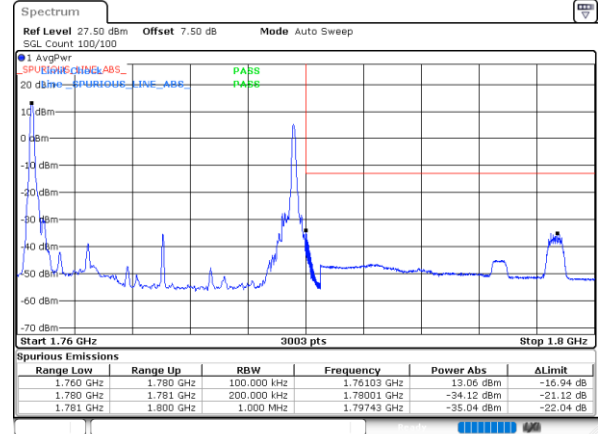
LTE Band 66B / 5MHz+15MHz

QPSK

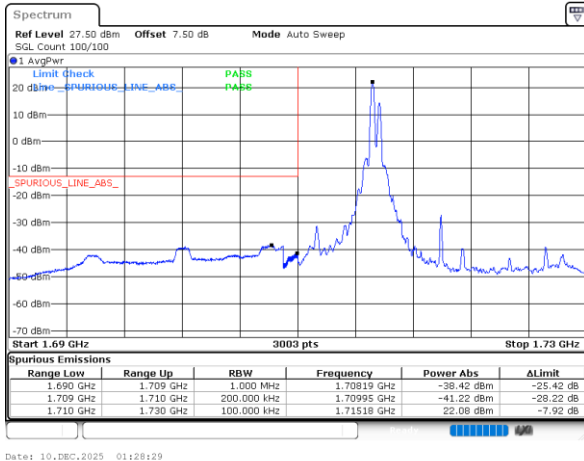
Lowest Band Edge / 1RB0 and 1RB74



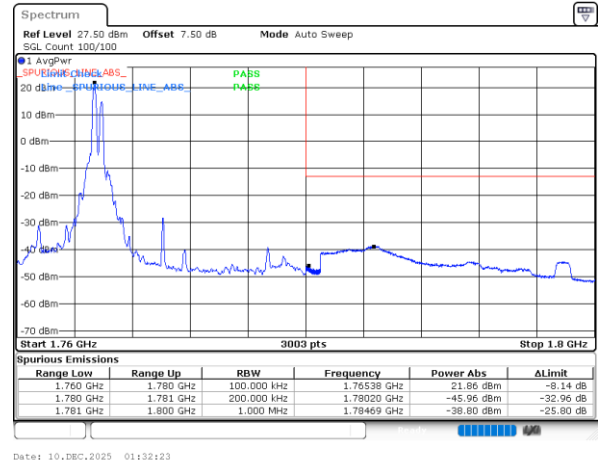
Highest Band Edge / 1RB0 and 1RB74



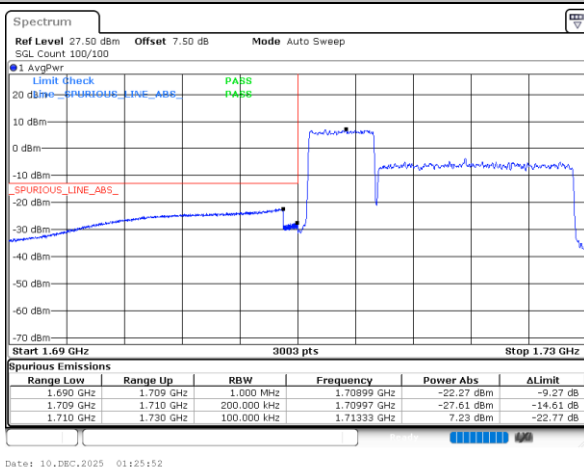
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

