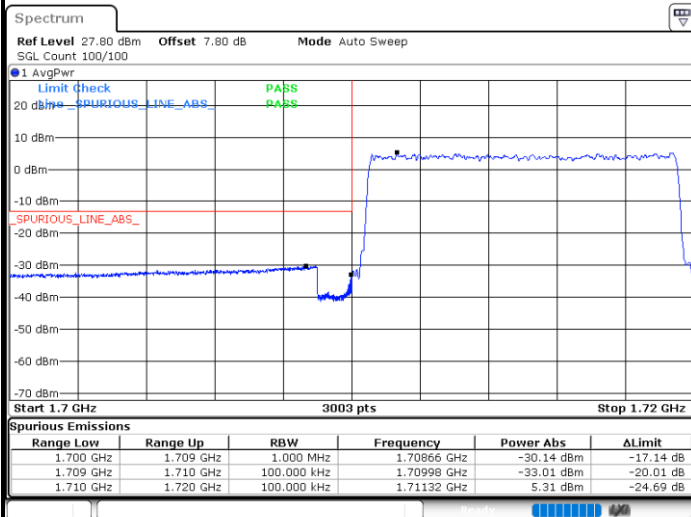


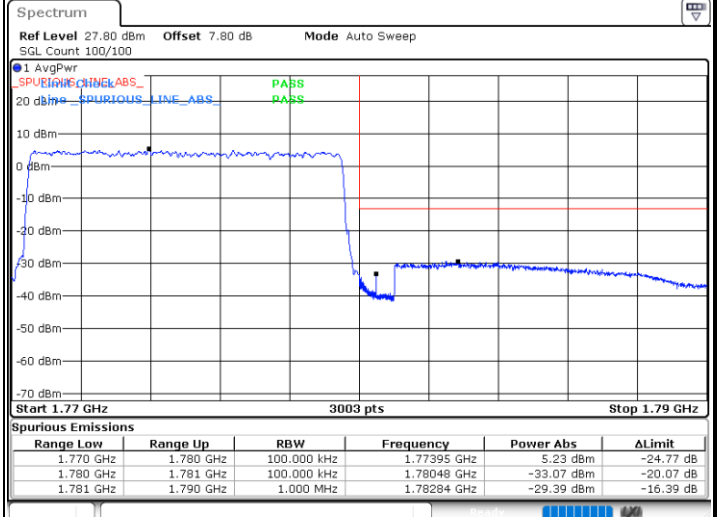


LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

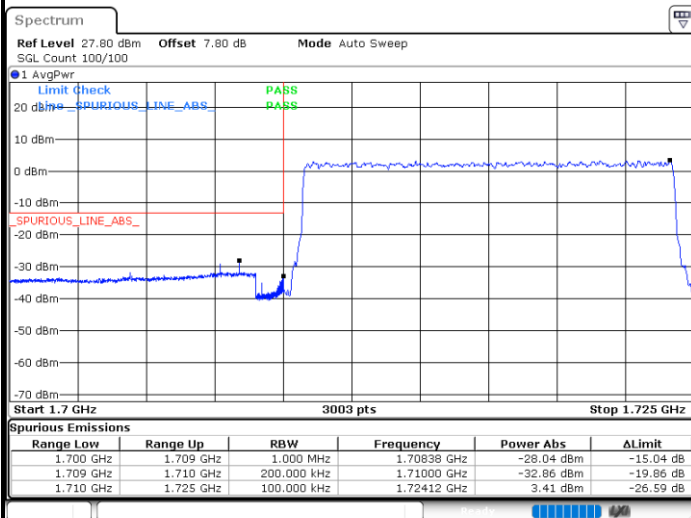


Highest Band Edge / Full RB

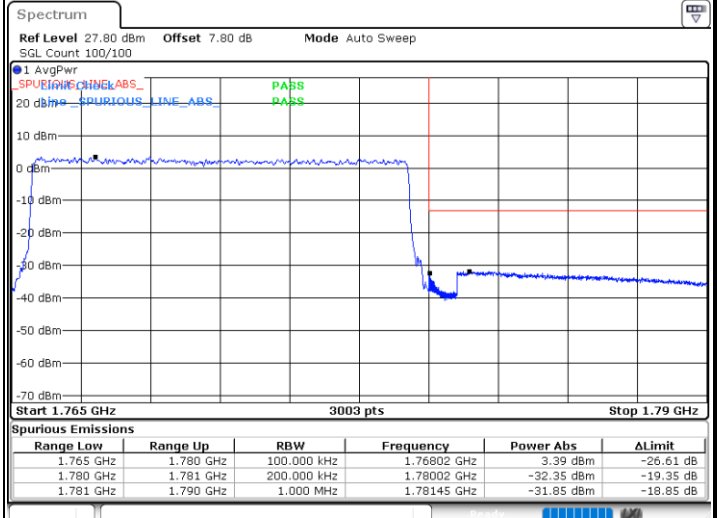


LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

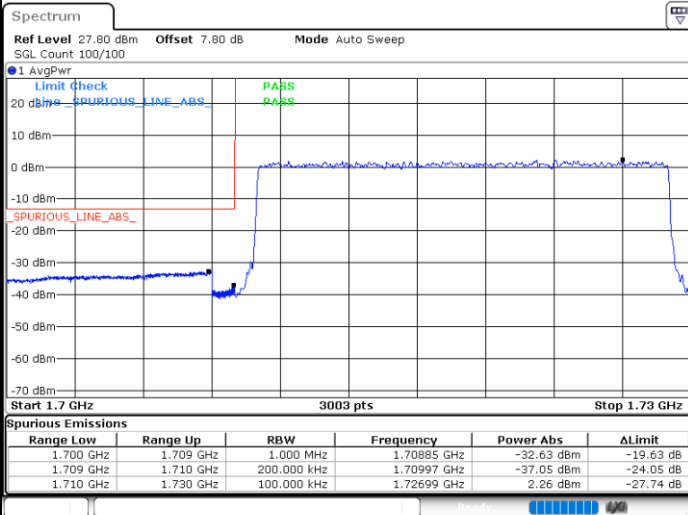




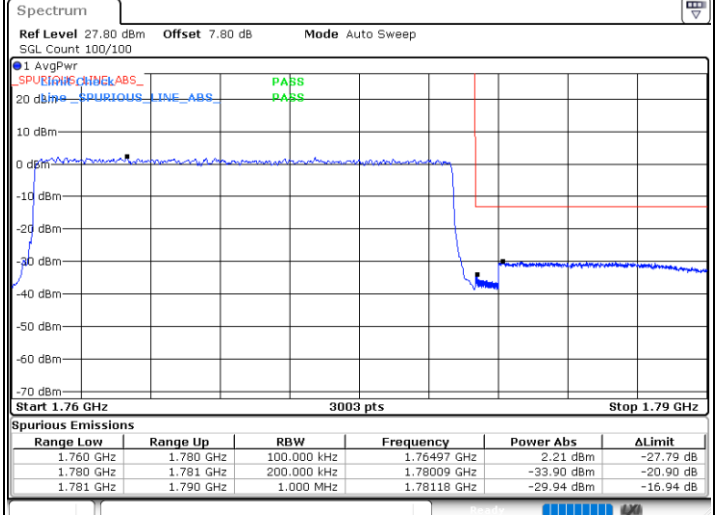
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.NOV.2025 20:34:42



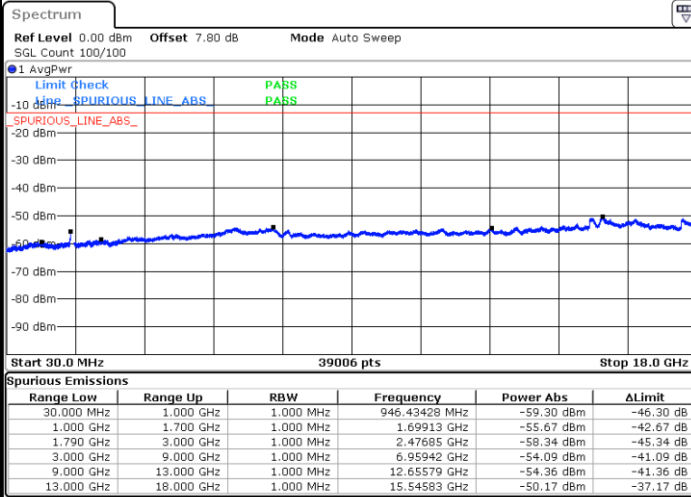
Date: 20.NOV.2025 20:36:15



Conducted Spurious Emission

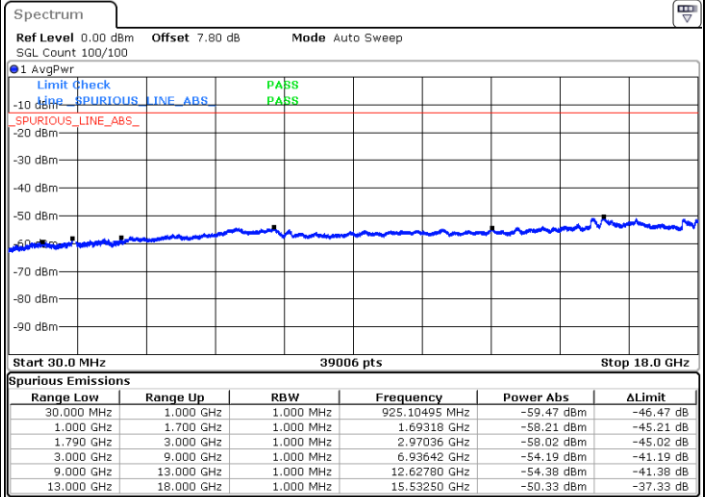
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



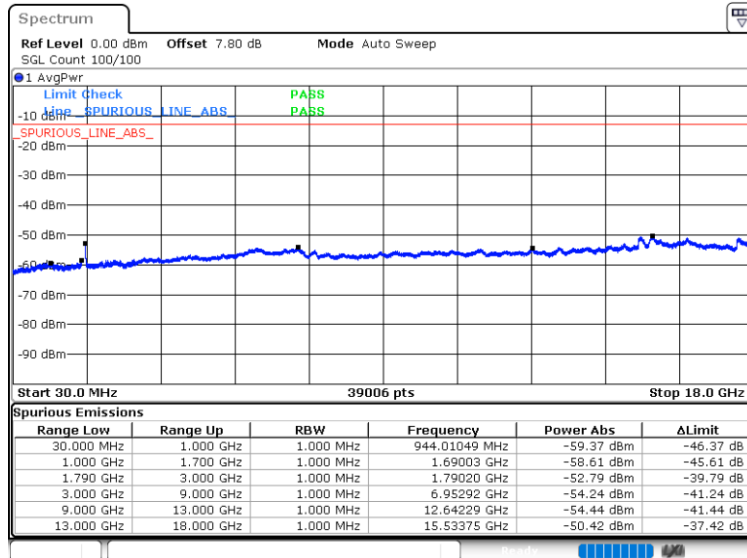
Date: 20.NOV.2025 20:37:55

Middle Channel / QPSK



Date: 20.NOV.2025 20:39:45

Highest Channel / QPSK

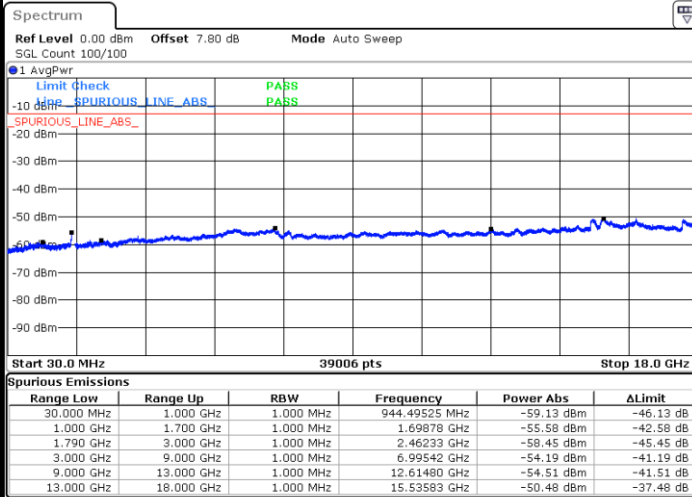


Date: 20.NOV.2025 20:41:38



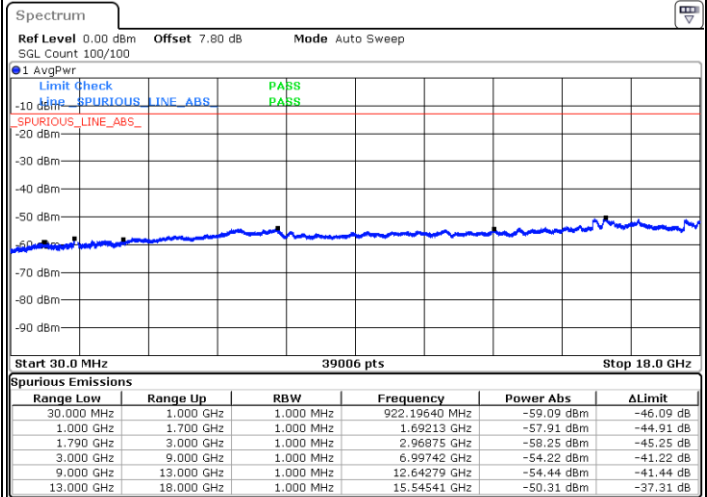
LTE Band 66 / 3MHz

Lowest Channel / QPSK



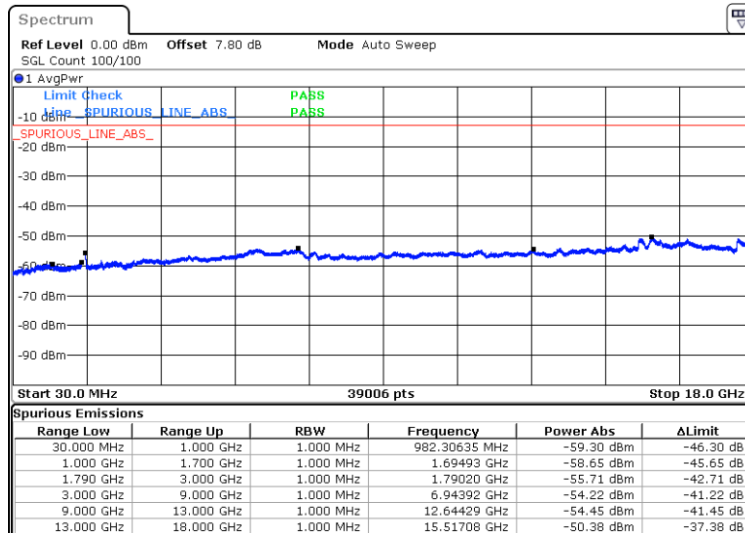
Date: 20.NOV.2025 20:43:21

Middle Channel / QPSK



Date: 20.NOV.2025 20:45:12

Highest Channel / QPSK

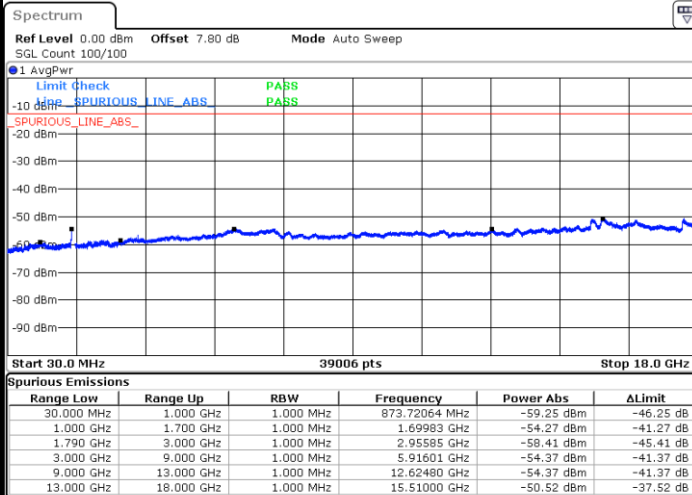


Date: 20.NOV.2025 20:47:05



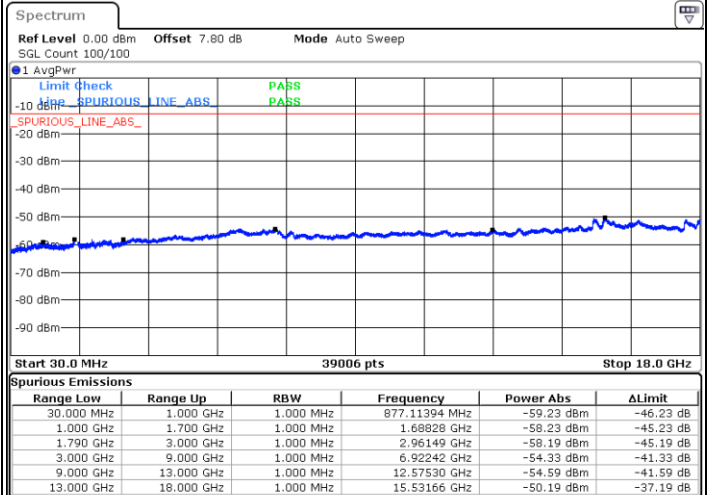
LTE Band 66 / 5MHz

Lowest Channel / QPSK



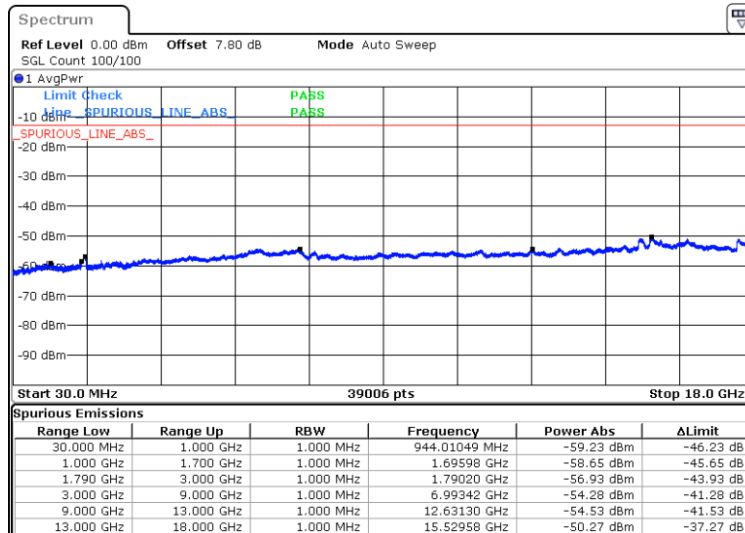
Date: 20.NOV.2025 20:49:08

Middle Channel / QPSK



Date: 20.NOV.2025 20:51:07

Highest Channel / QPSK

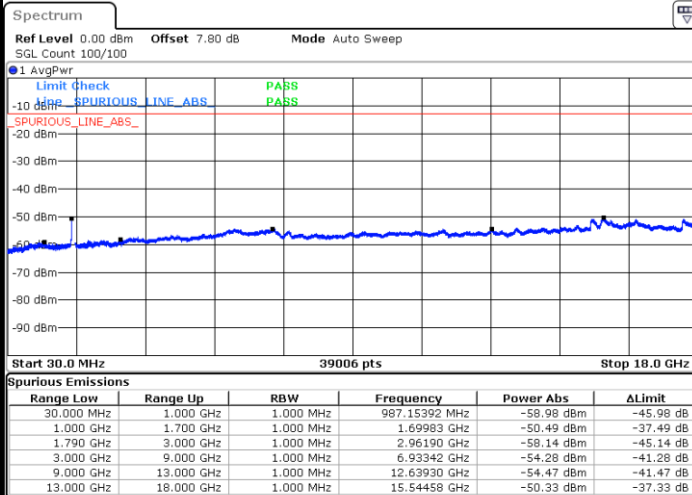


Date: 20.NOV.2025 20:53:09



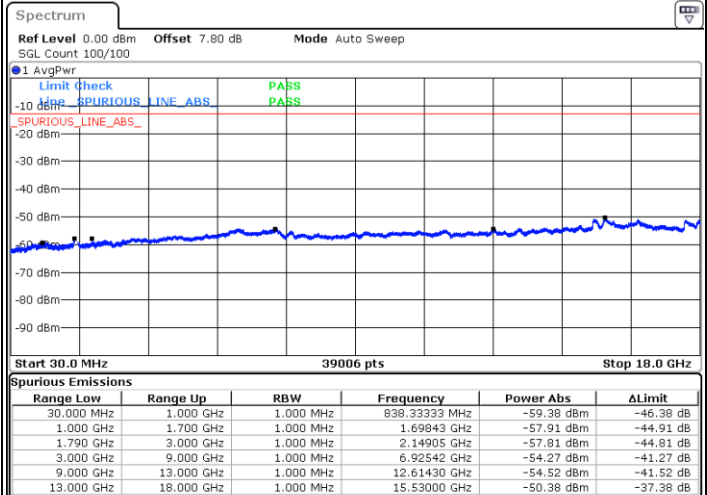
LTE Band 66 / 10MHz

Lowest Channel / QPSK



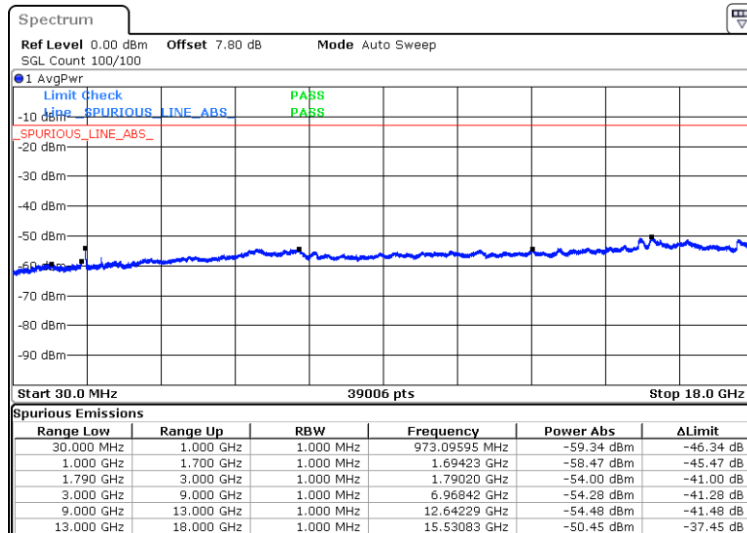
Date: 20.NOV.2025 20:55:02

Middle Channel / QPSK



Date: 20.NOV.2025 20:57:02

Highest Channel / QPSK

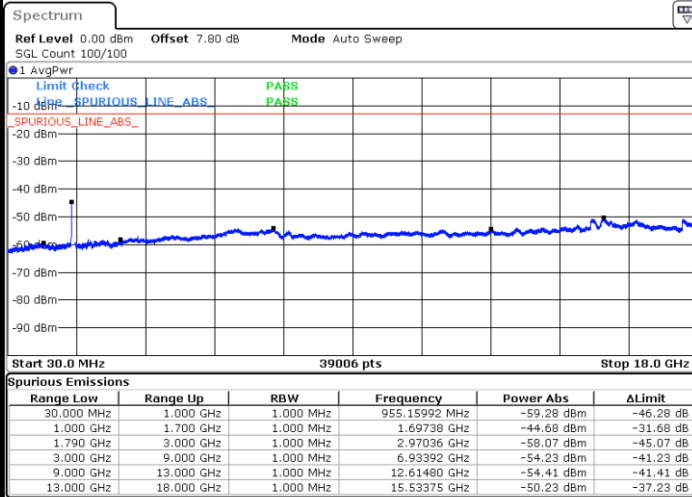


Date: 20.NOV.2025 20:58:58



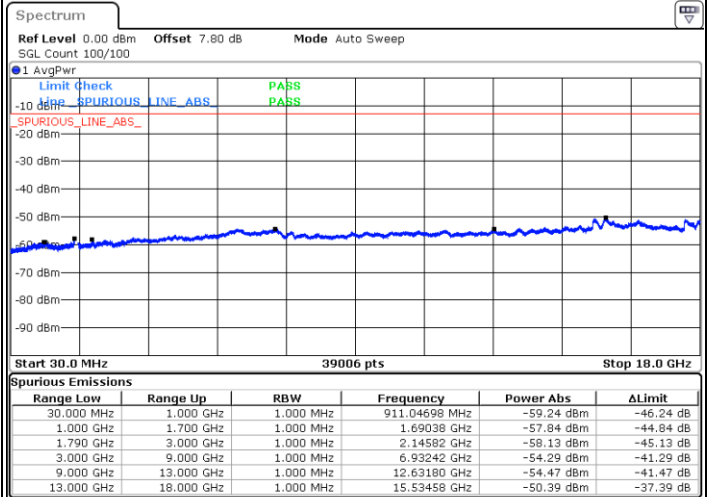
LTE Band 66 / 15MHz

Lowest Channel / QPSK



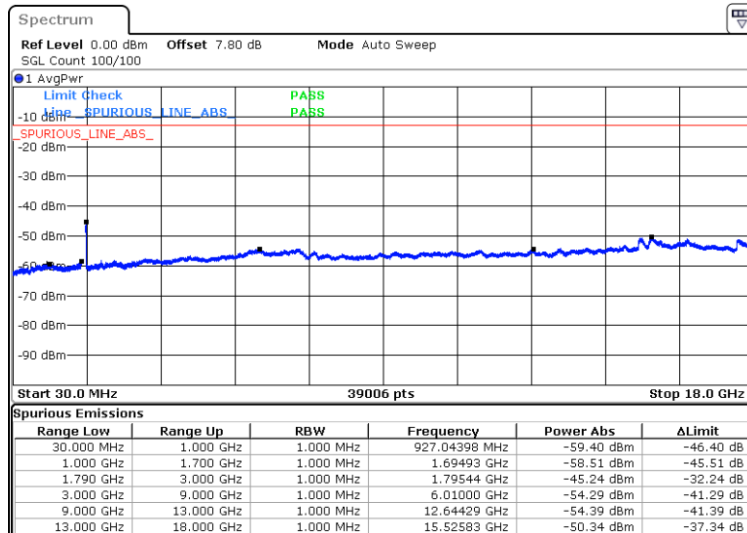
Date: 20.NOV.2025 21:00:44

Middle Channel / QPSK



Date: 20.NOV.2025 21:02:47

Highest Channel / QPSK

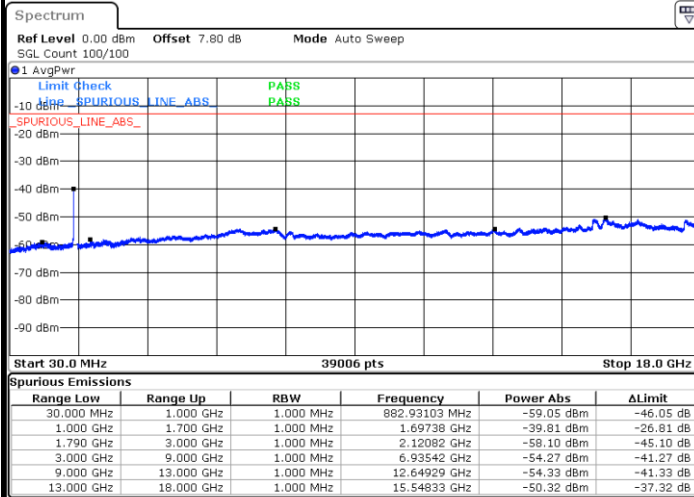


Date: 20.NOV.2025 21:04:48



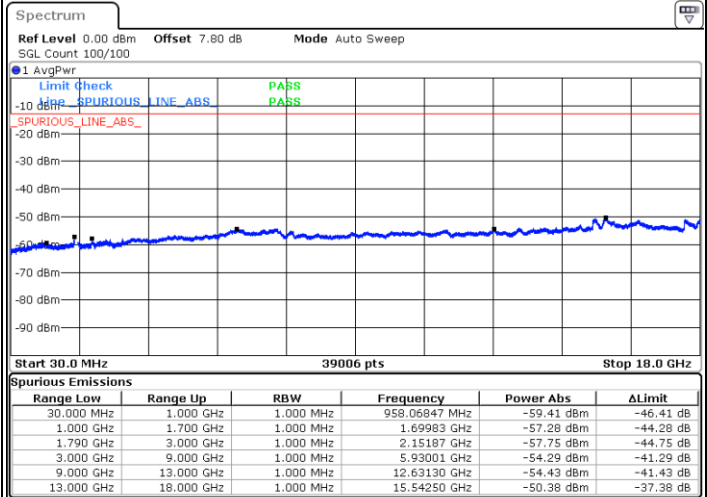
LTE Band 66 / 20MHz

Lowest Channel / QPSK



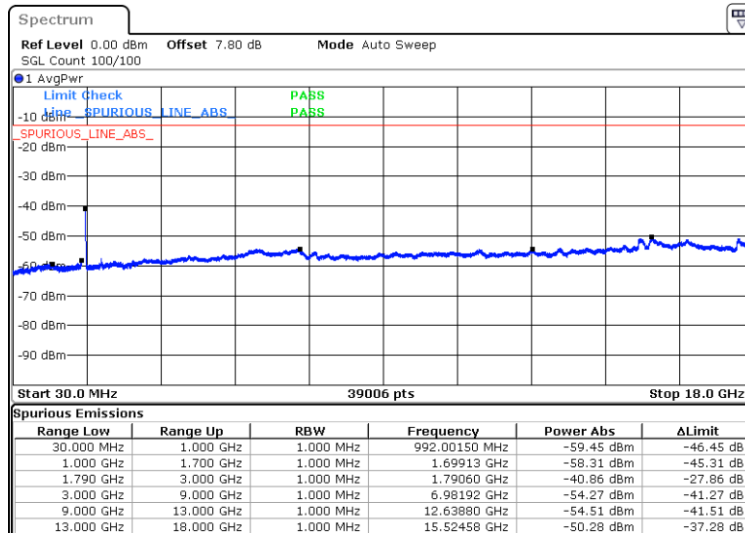
Date: 20.NOV.2025 21:06:48

Middle Channel / QPSK



Date: 20.NOV.2025 21:08:41

Highest Channel / QPSK



Date: 20.NOV.2025 21:10:54

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	0.0071	-12.4	Yes	PASS
40	Normal Voltage	0.0074	-12.9	Yes	
30	Normal Voltage	0.0016	2.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0064	-11.1	Yes	
0	Normal Voltage	0.0045	-7.8	Yes	
-10	Normal Voltage	0.0062	-10.8	Yes	
-20	Normal Voltage	0.0077	-13.4	Yes	
-30	Normal Voltage	0.0029	5.1	Yes	
20	Maximum Voltage	0.0005	-0.8	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0026	4.6	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 71

Peak-to-Average Ratio

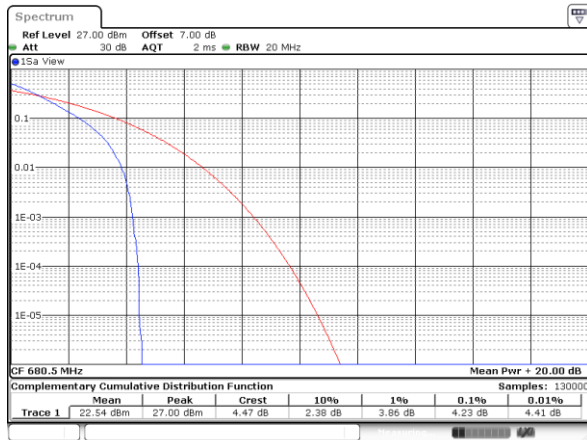
Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.23	4.81	5.88	5.94	PASS

Mode	LTE Band 71 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.72	5.57	PASS
Mode	LTE Band 71 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.41	5.54	PASS
Mode	LTE Band 71 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.58	5.48	PASS



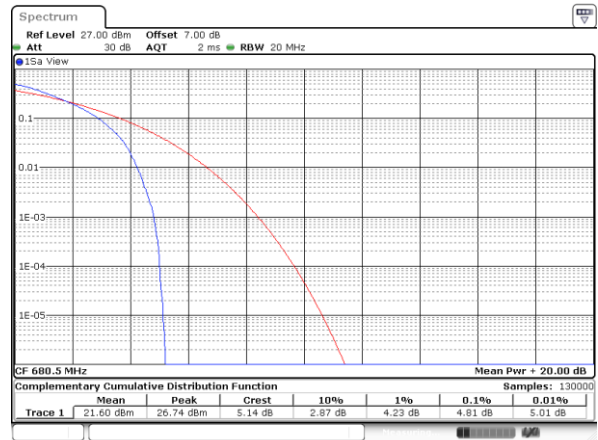
LTE Band 71 / 20MHz / QPSK

Middle Channel / Full RB



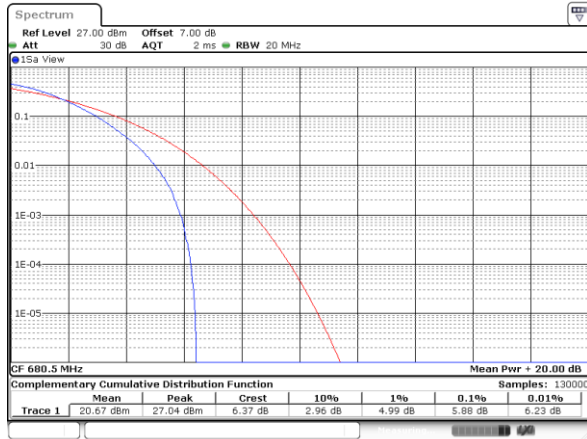
LTE Band 71 / 20MHz / 16QAM

Middle Channel / Full RB



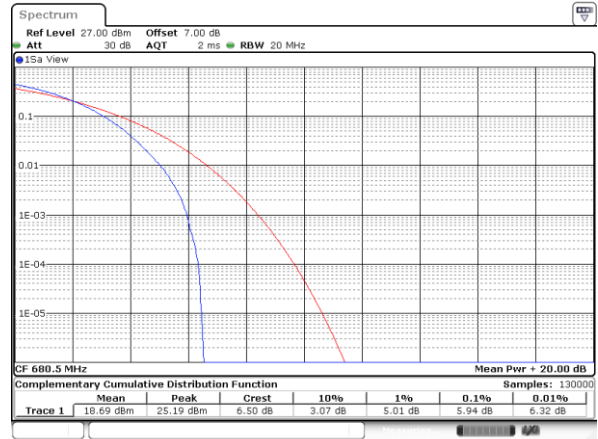
LTE Band 71 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 71 / 20MHz / 256QAM

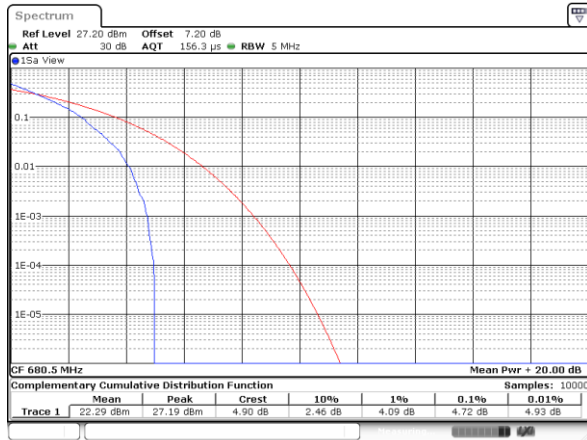
Middle Channel / Full RB





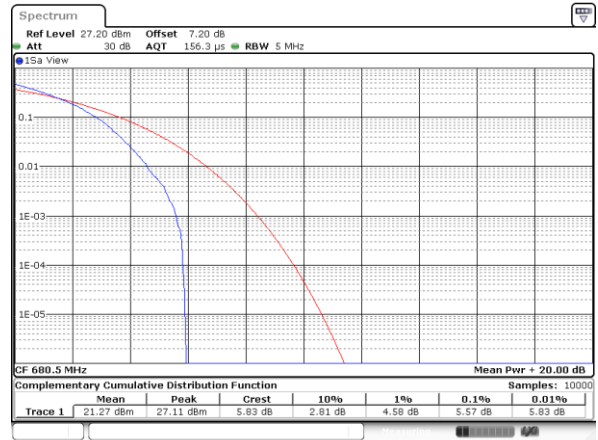
LTE Band 71 / 5MHz / QPSK

Middle Channel / Full RB



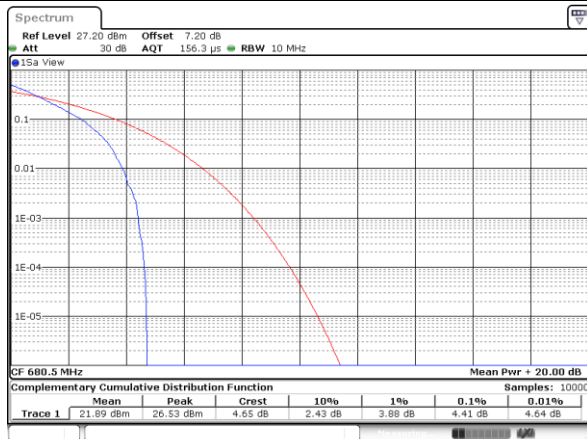
LTE Band 71 / 5MHz / 16QAM

Middle Channel / Full RB



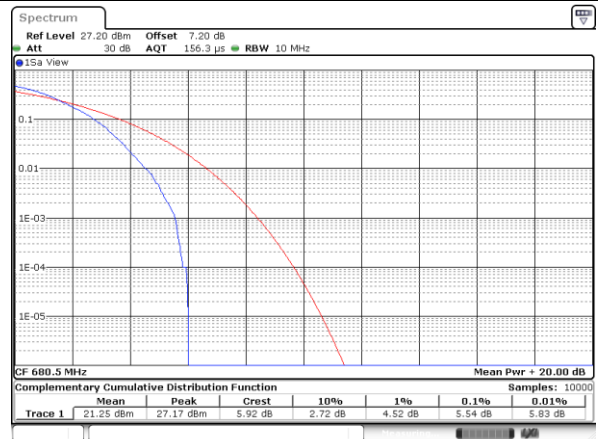
LTE Band 71 / 10MHz / QPSK

Middle Channel / Full RB



LTE Band 71 / 10MHz / 16QAM

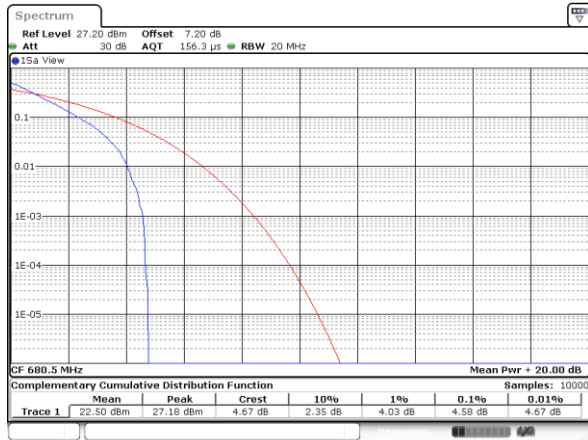
Middle Channel / Full RB





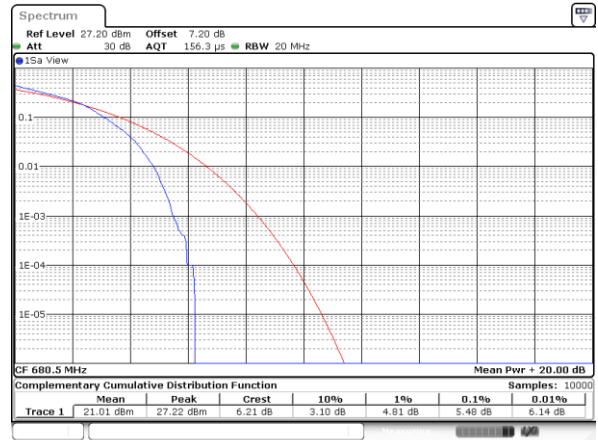
LTE Band 71 / 15MHz / QPSK

Middle Channel / Full RB



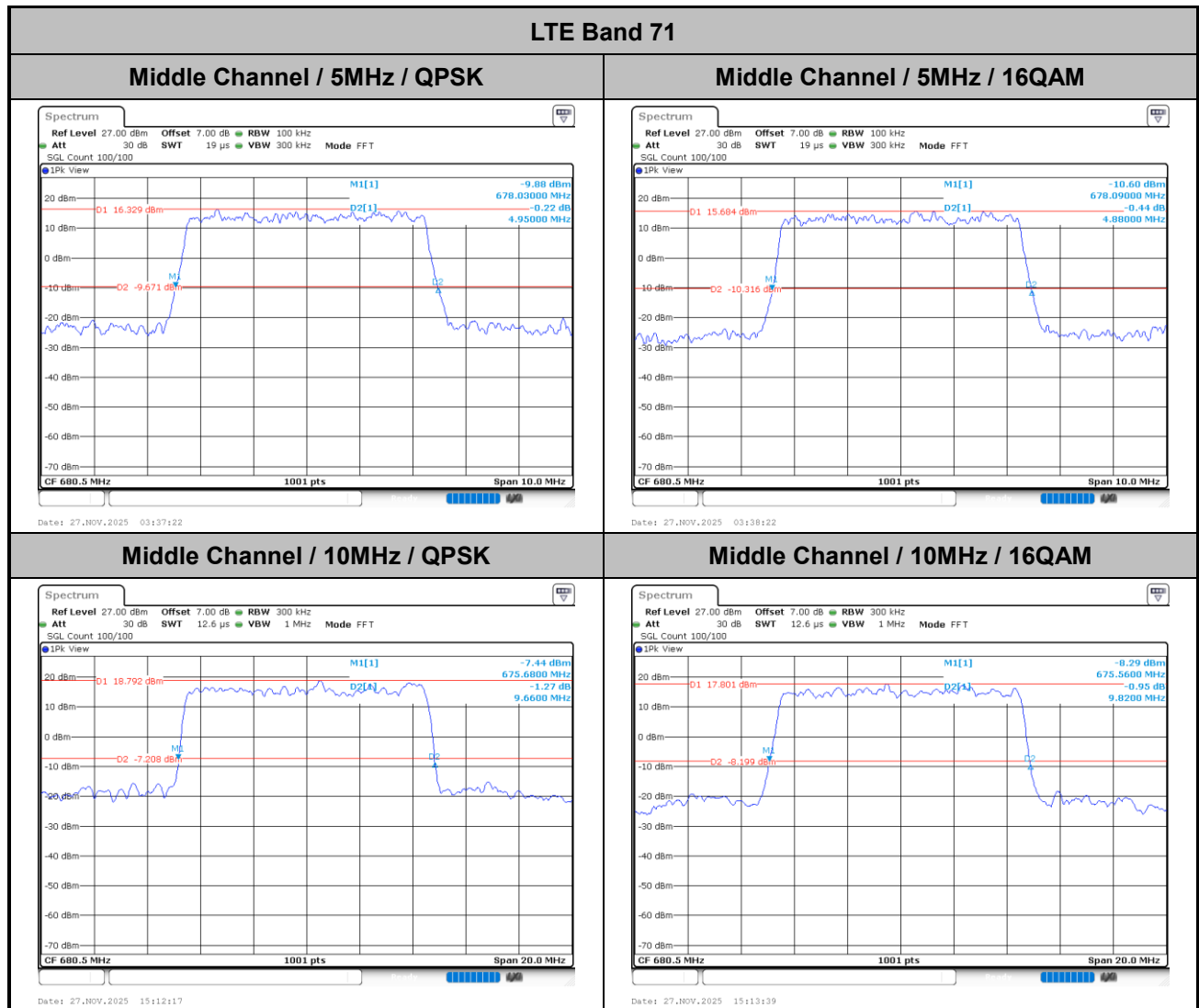
LTE Band 71 / 15MHz / 16QAM

Middle Channel / Full RB



**26dB Bandwidth**

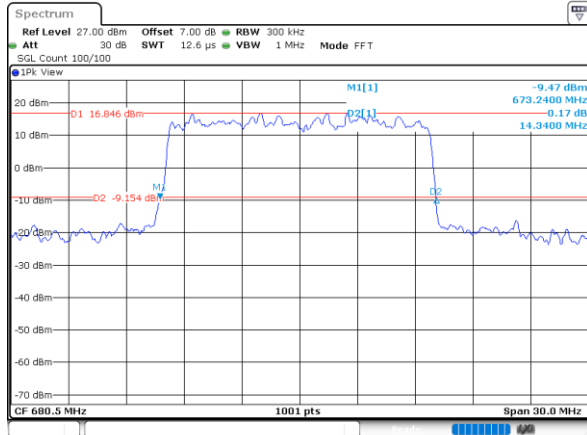
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.95	4.88	9.66	9.82	14.34	14.19	18.84	19.08



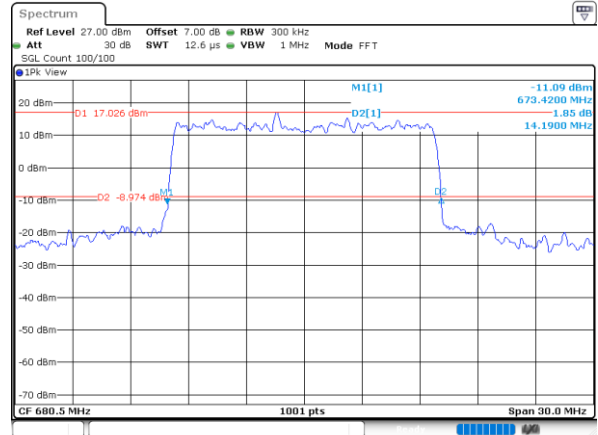


LTE Band 71

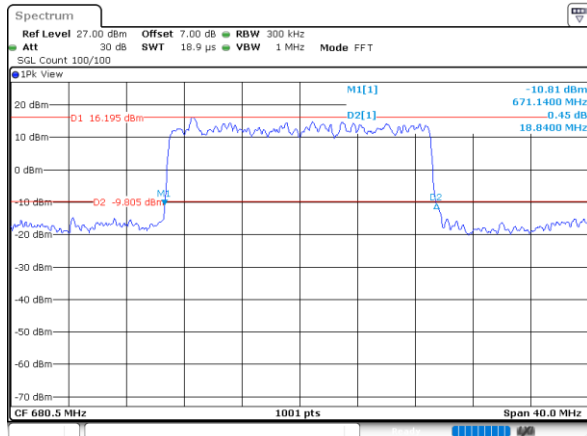
Middle Channel / 15MHz / QPSK



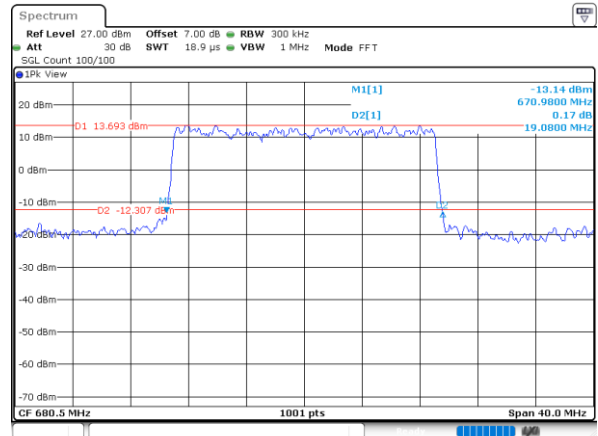
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



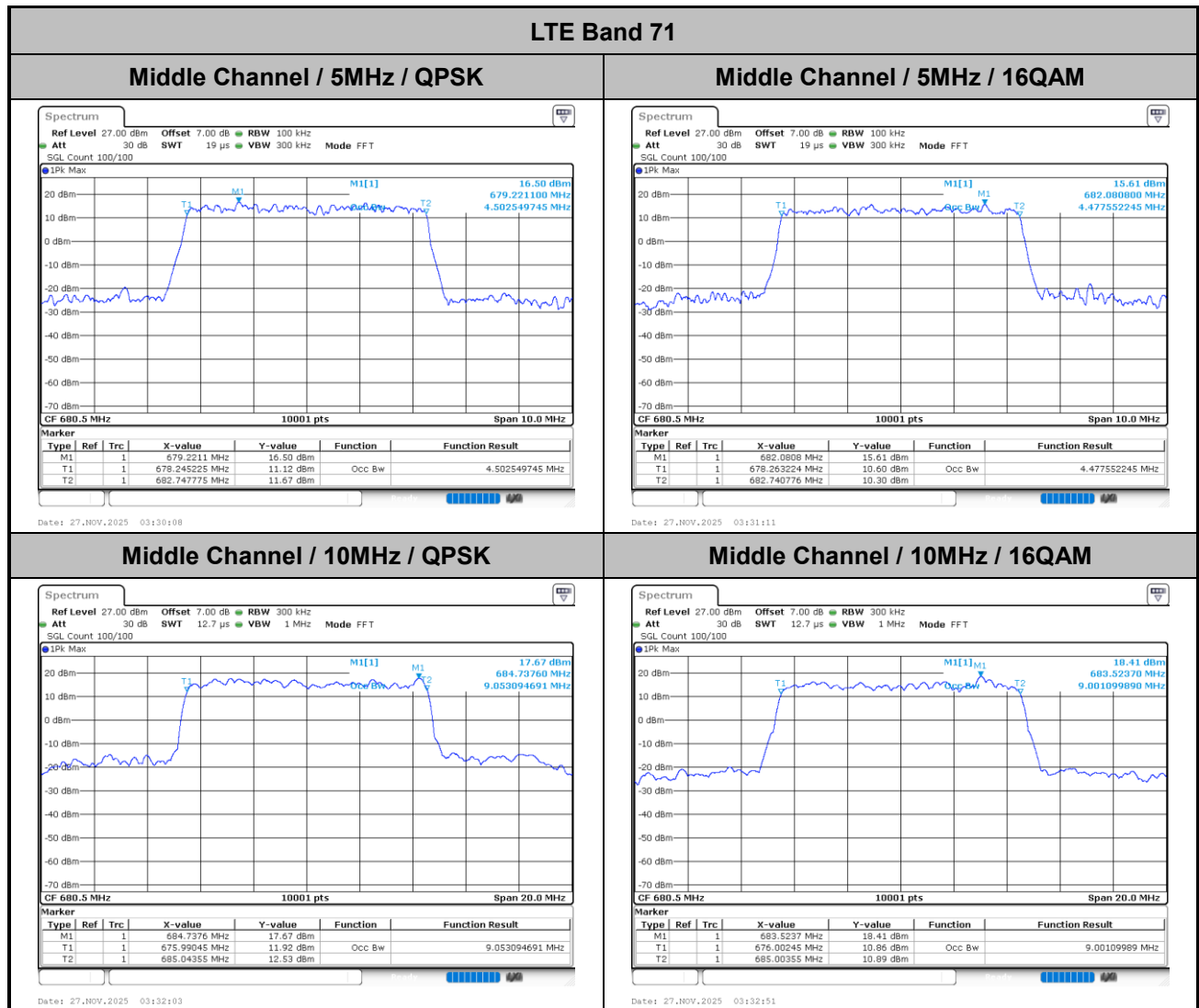
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

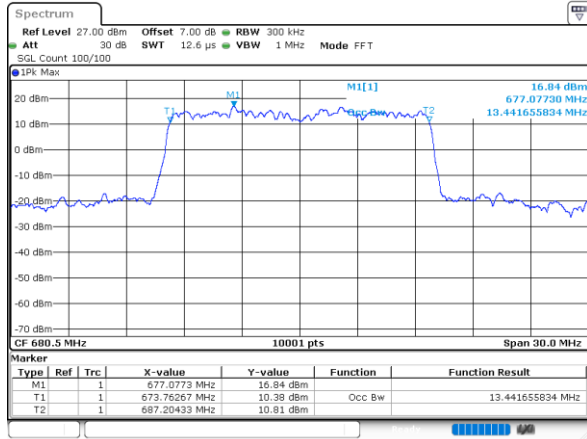
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.47	9.05	9.00	13.44	13.40	17.92	17.94



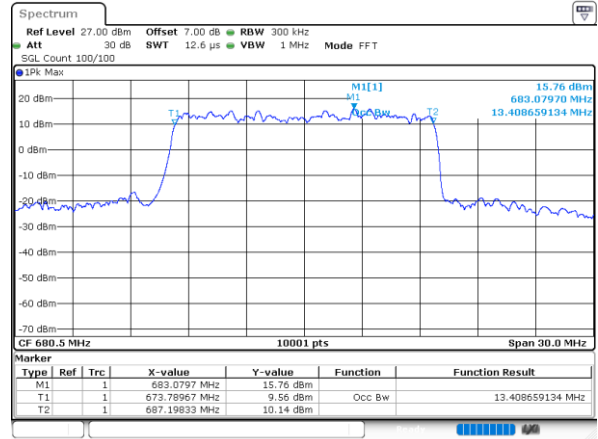


LTE Band 71

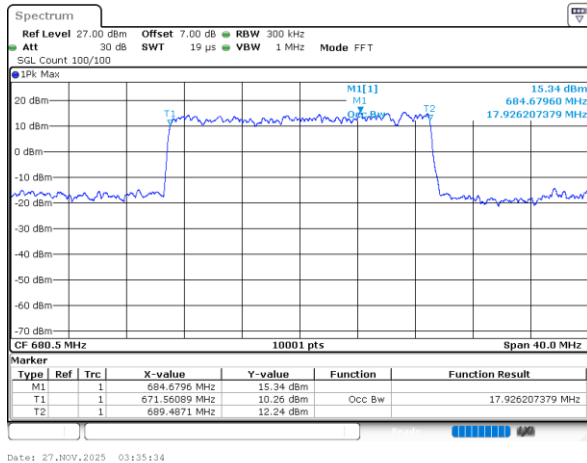
Middle Channel / 15MHz / QPSK



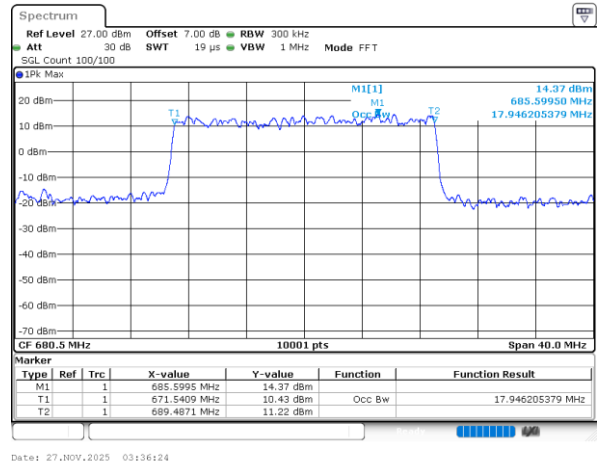
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

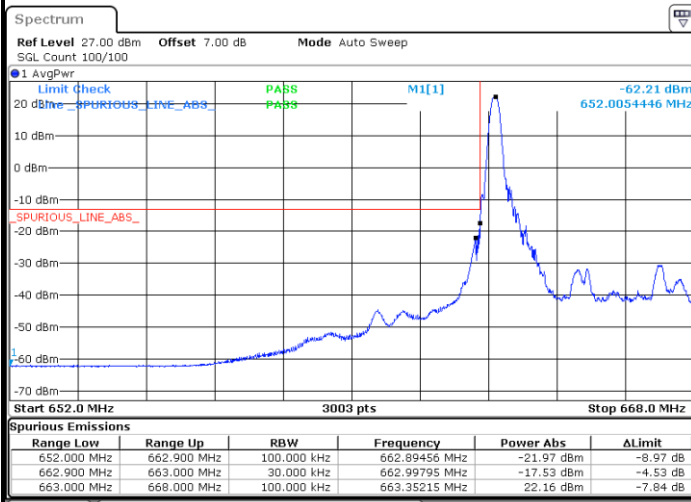




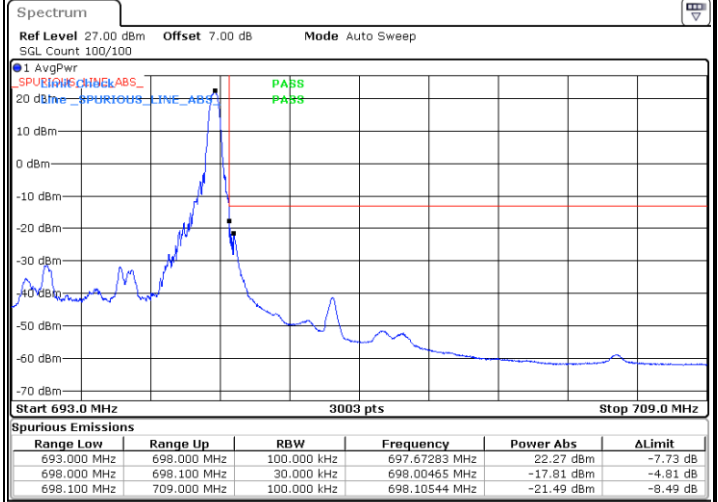
Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

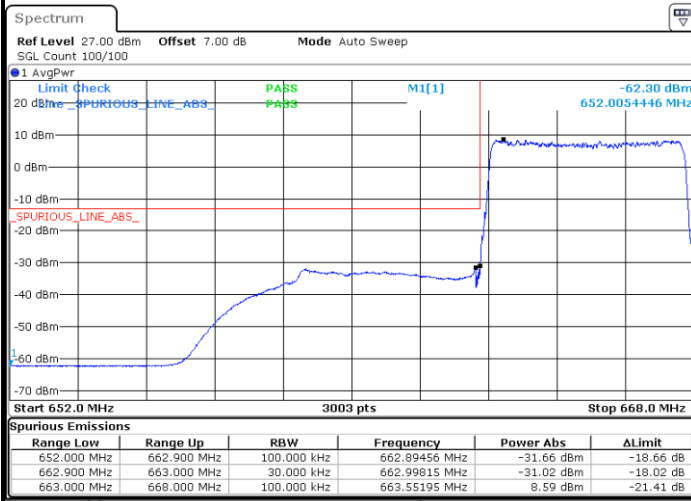
Lowest Band Edge / 1 RB



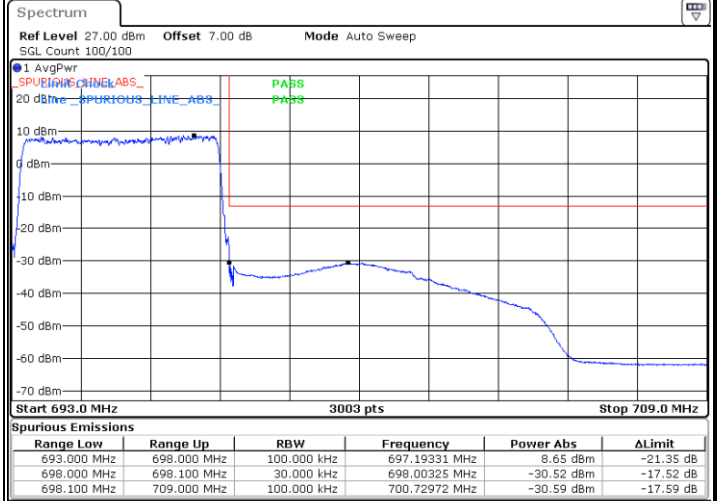
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



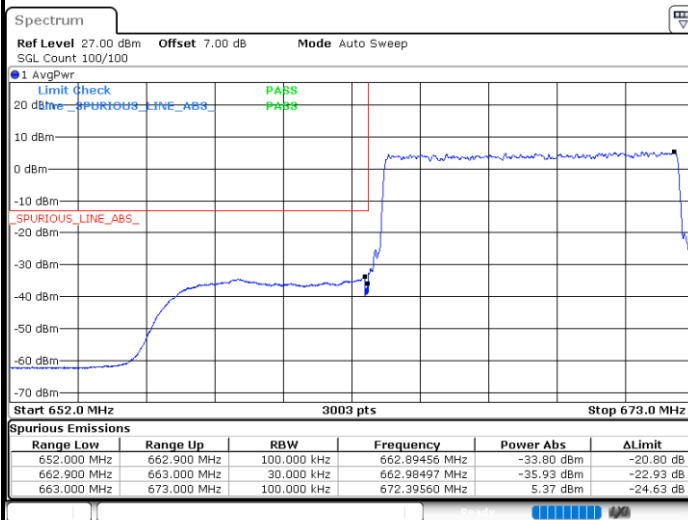
Highest Band Edge / Full RB



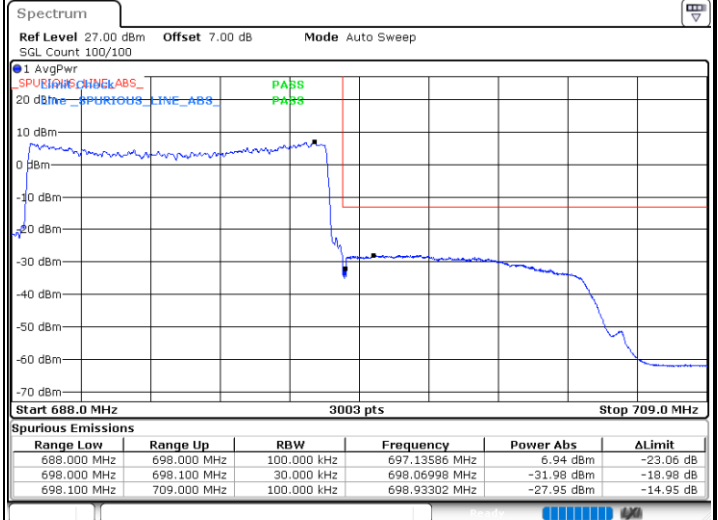


LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / Full RB

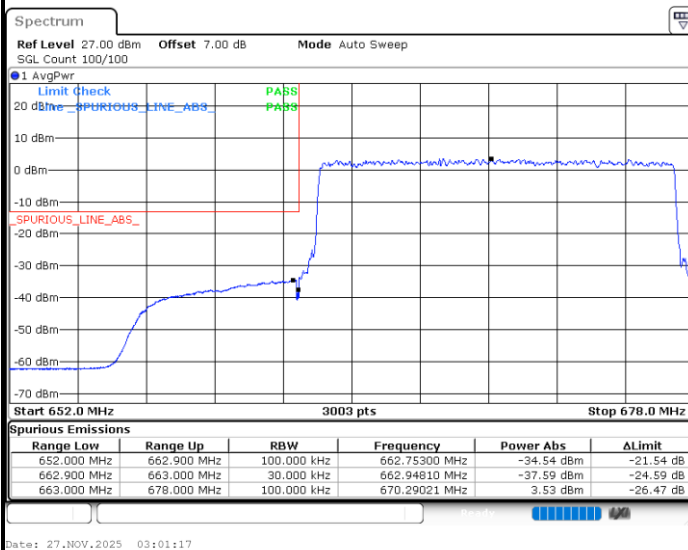


Highest Band Edge / Full RB

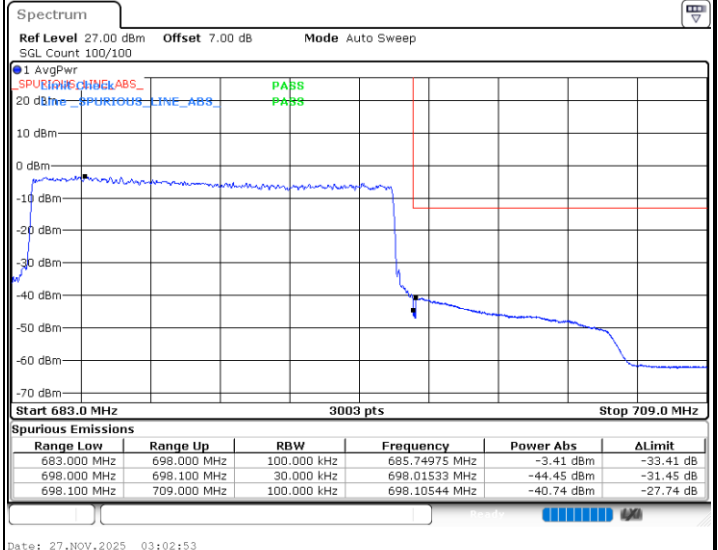


LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

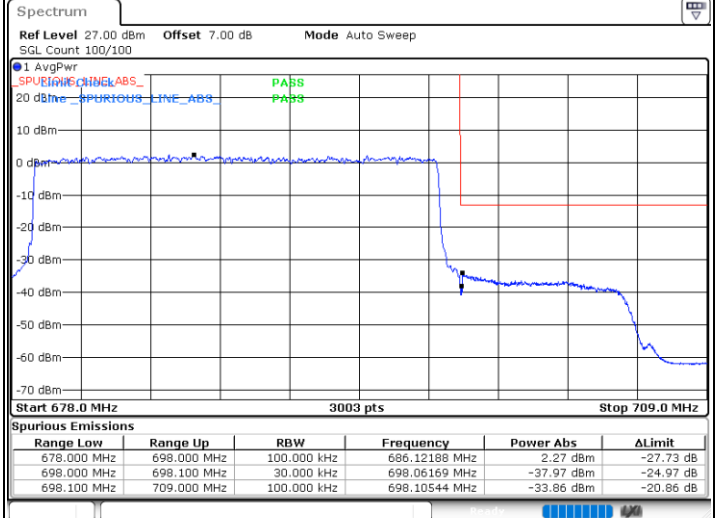
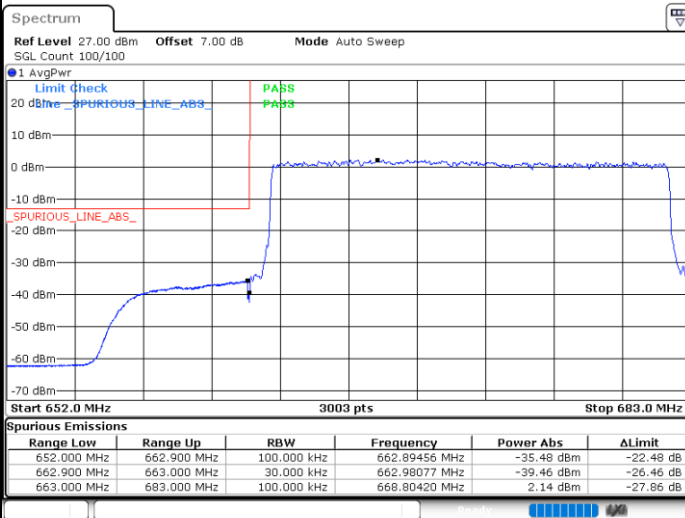




LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

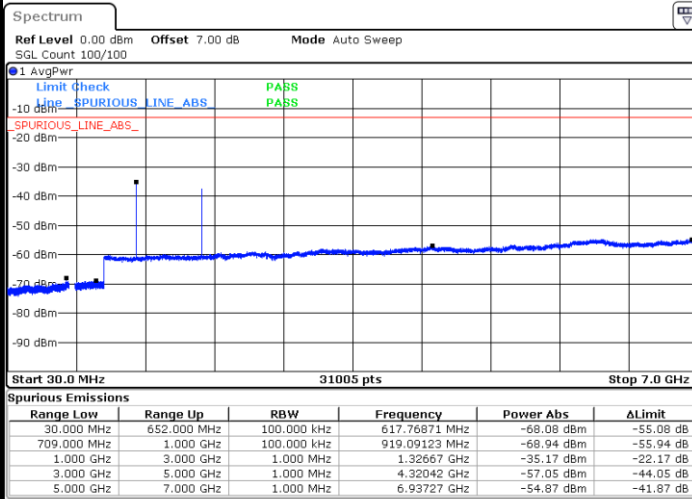




Conducted Spurious Emission

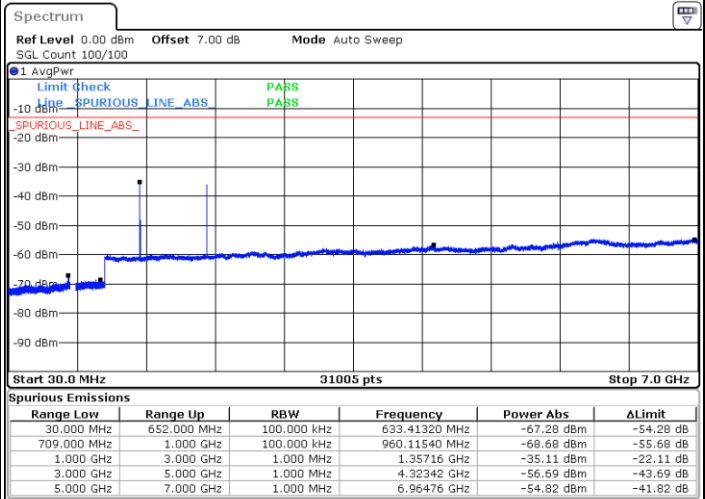
LTE Band 71 / 5MHz

Lowest Channel / QPSK



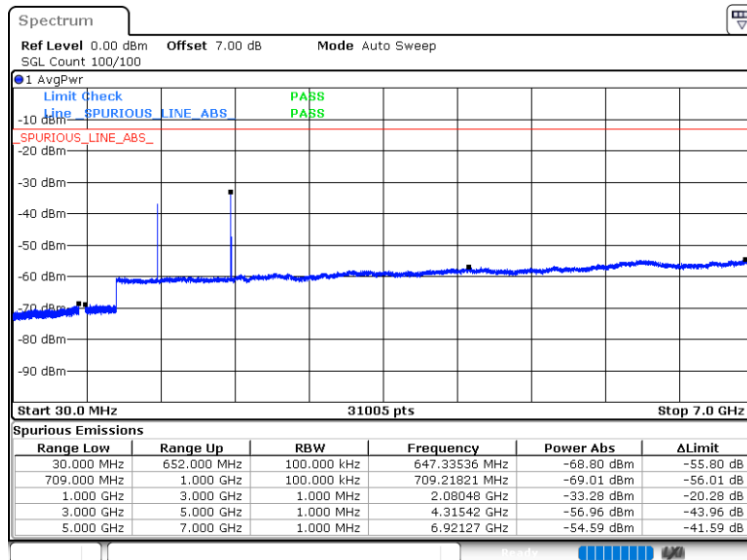
Date: 27.NOV.2025 03:08:08

Middle Channel / QPSK



Date: 27.NOV.2025 03:09:55

Highest Channel / QPSK

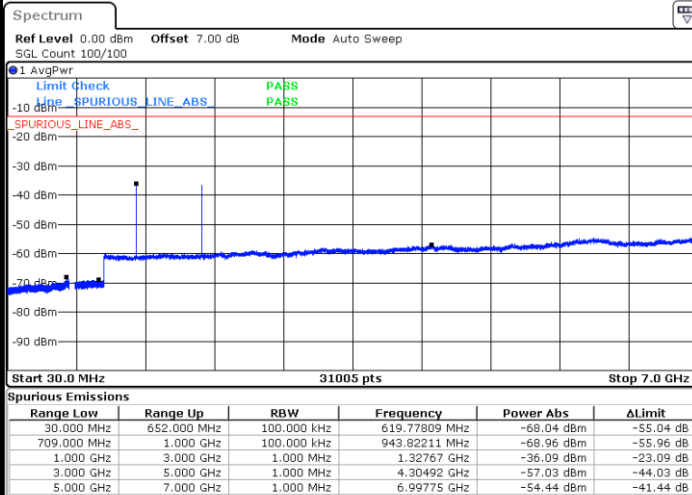


Date: 27.NOV.2025 03:11:44



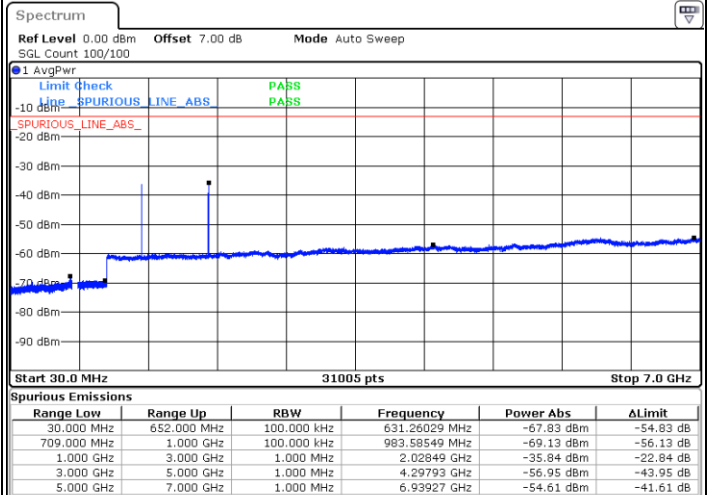
LTE Band 71 / 10MHz

Lowest Channel / QPSK



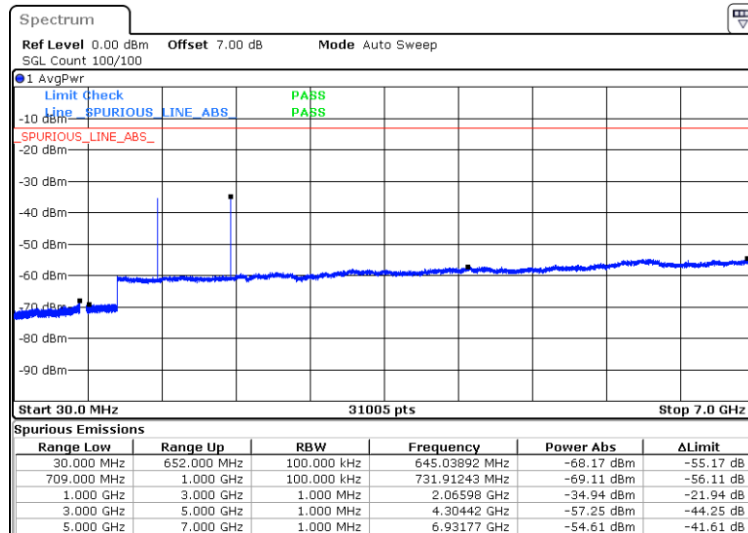
Date: 27.NOV.2025 03:13:43

Middle Channel / QPSK



Date: 27.NOV.2025 03:15:30

Highest Channel / QPSK

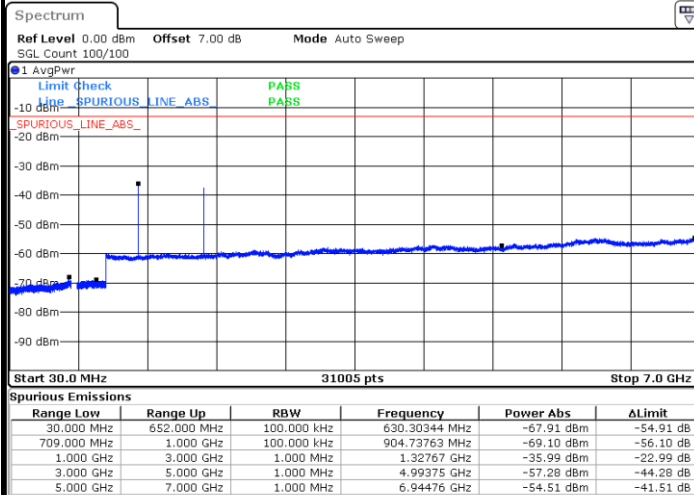


Date: 27.NOV.2025 03:17:31



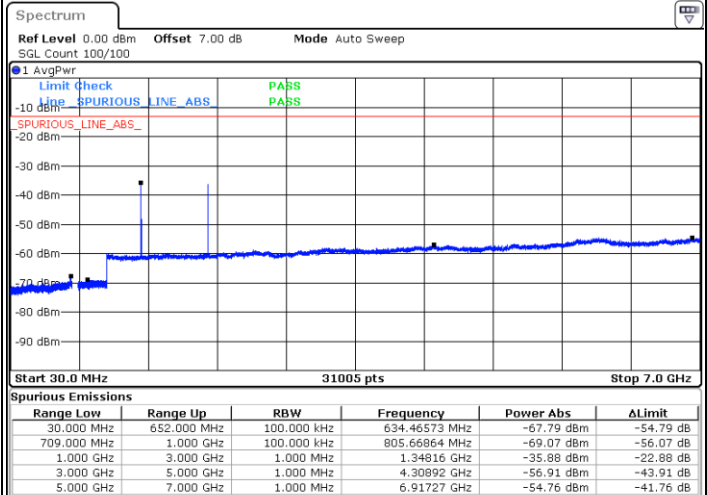
LTE Band 71 / 15MHz

Lowest Channel / QPSK



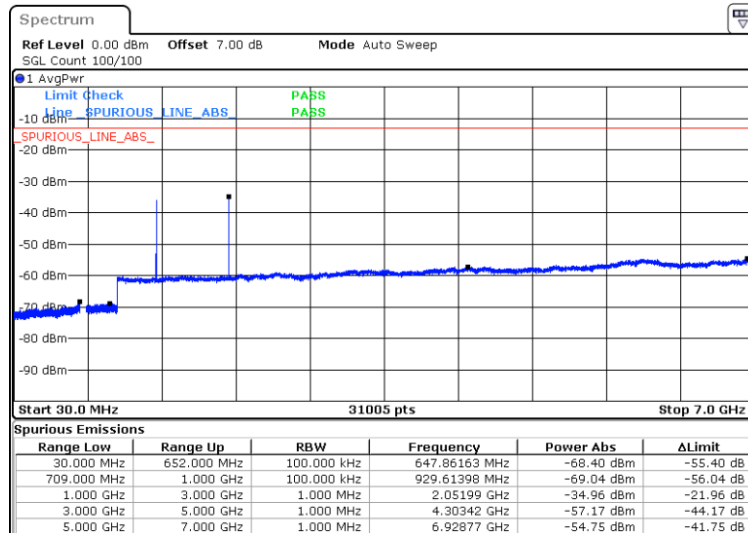
Date: 27.NOV.2025 03:19:30

Middle Channel / QPSK



Date: 27.NOV.2025 03:21:30

Highest Channel / QPSK

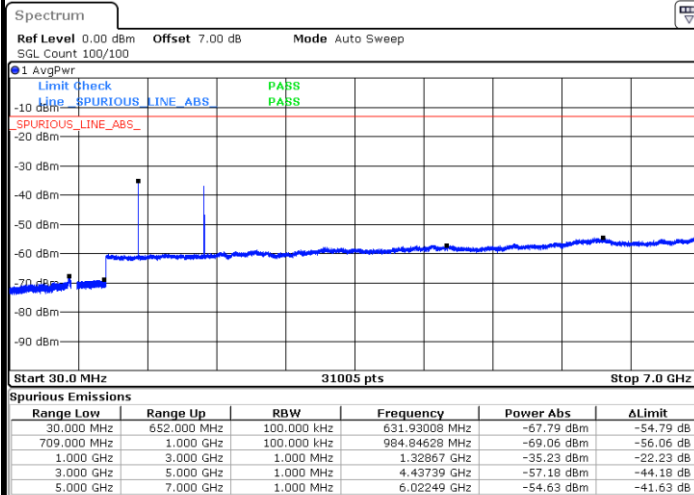


Date: 27.NOV.2025 03:23:26



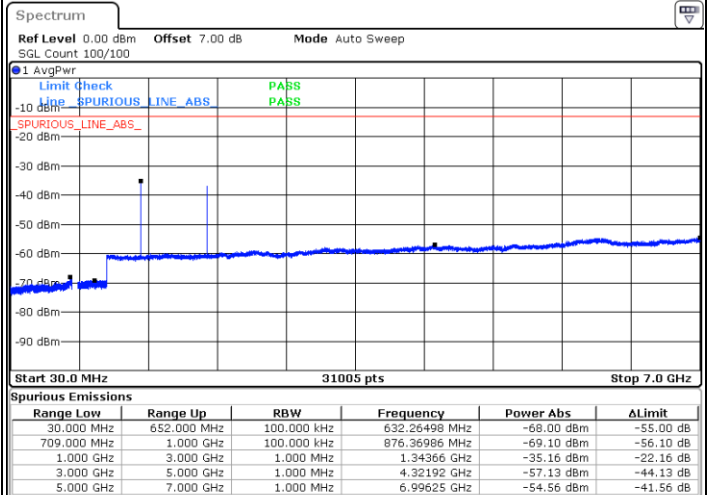
LTE Band 71 / 20MHz

Lowest Channel / QPSK



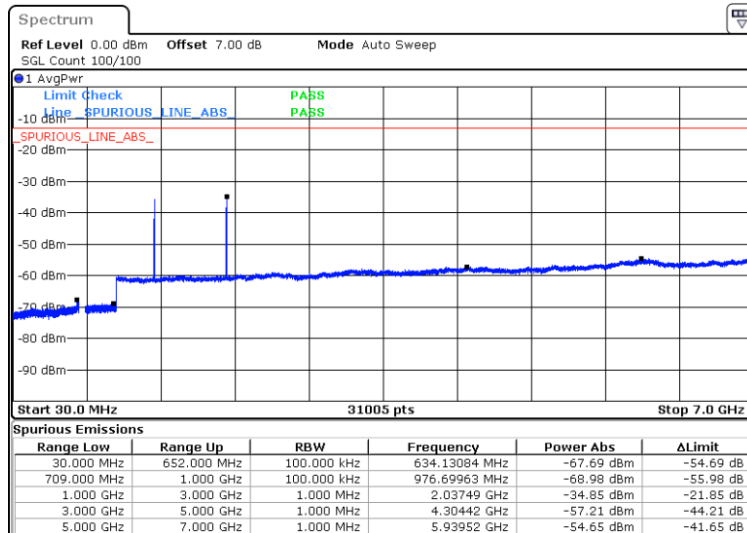
Date: 27.NOV.2025 03:25:24

Middle Channel / QPSK



Date: 27.NOV.2025 03:27:18

Highest Channel / QPSK



Date: 27.NOV.2025 03:29:03

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0078	5.3	Yes	PASS
40	Normal Voltage	0.0046	-3.1	Yes	
30	Normal Voltage	0.0217	14.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0126	8.6	Yes	
0	Normal Voltage	0.0018	1.2	Yes	
-10	Normal Voltage	0.0037	-2.5	Yes	
-20	Normal Voltage	0.0153	10.4	Yes	
-30	Normal Voltage	0.0135	9.2	Yes	
20	Maximum Voltage	0.0181	12.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0037	-2.5	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 7C****26dB Bandwidth**

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.18	25.40	30.96	35.00
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.06	35.07	40.08	
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.12	25.45	30.72	35.07
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.00	35.07	40.00	



Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



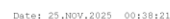
Middle Channel / 15MHz+20MHz

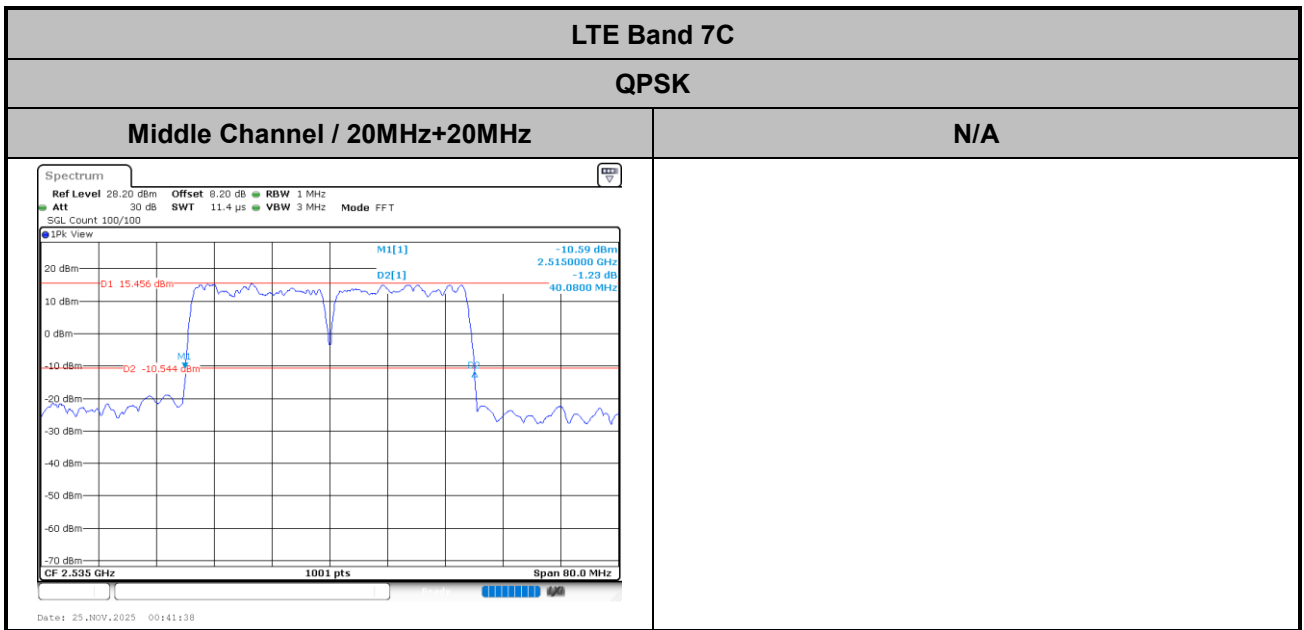


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

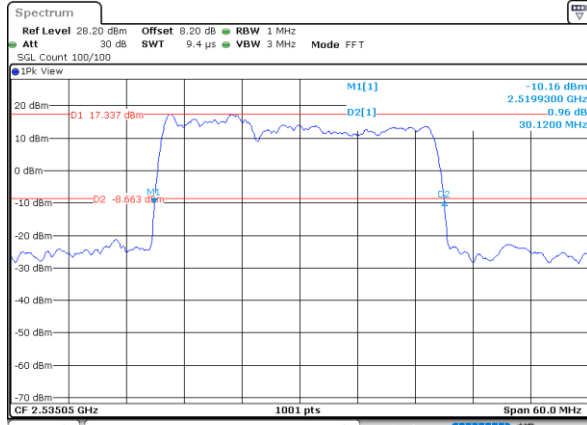




LTE Band 7C

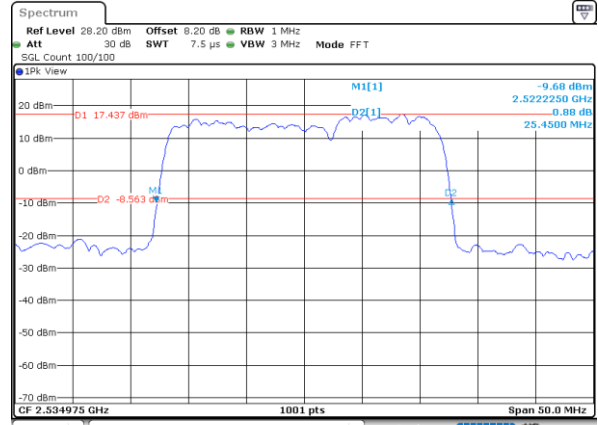
16QAM

Middle Channel / 10MHz+20MHz



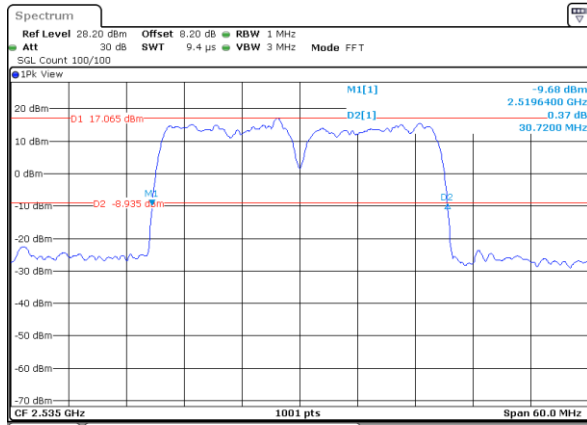
Date: 25.NOV.2025 00:27:48

Middle Channel / 15MHz+10MHz



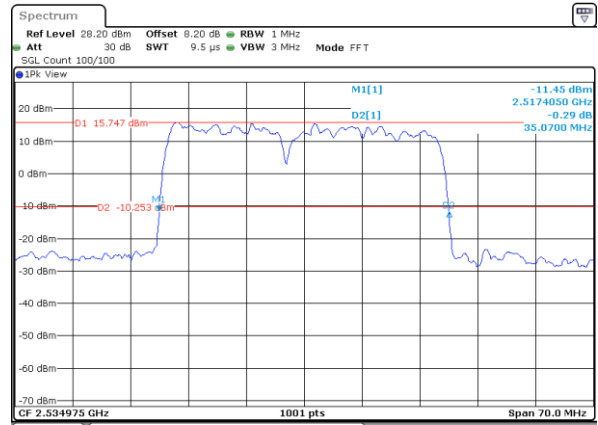
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Middle Channel / 15MHz+15MHz



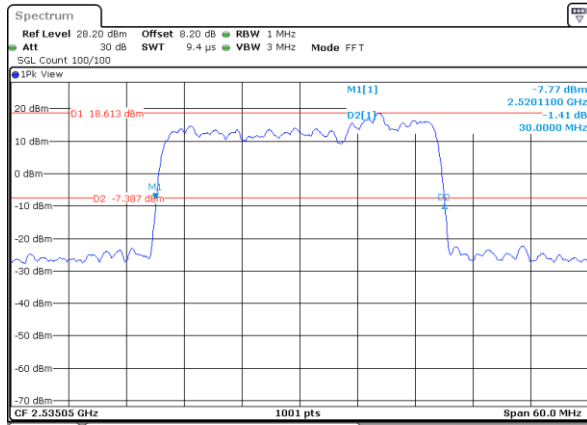
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Middle Channel / 15MHz+20MHz



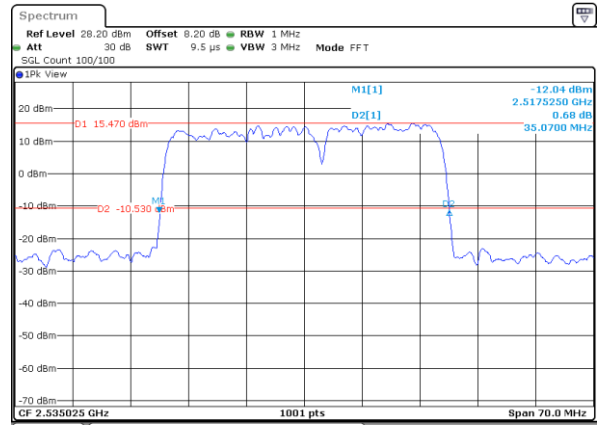
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Middle Channel / 20MHz+10MHz

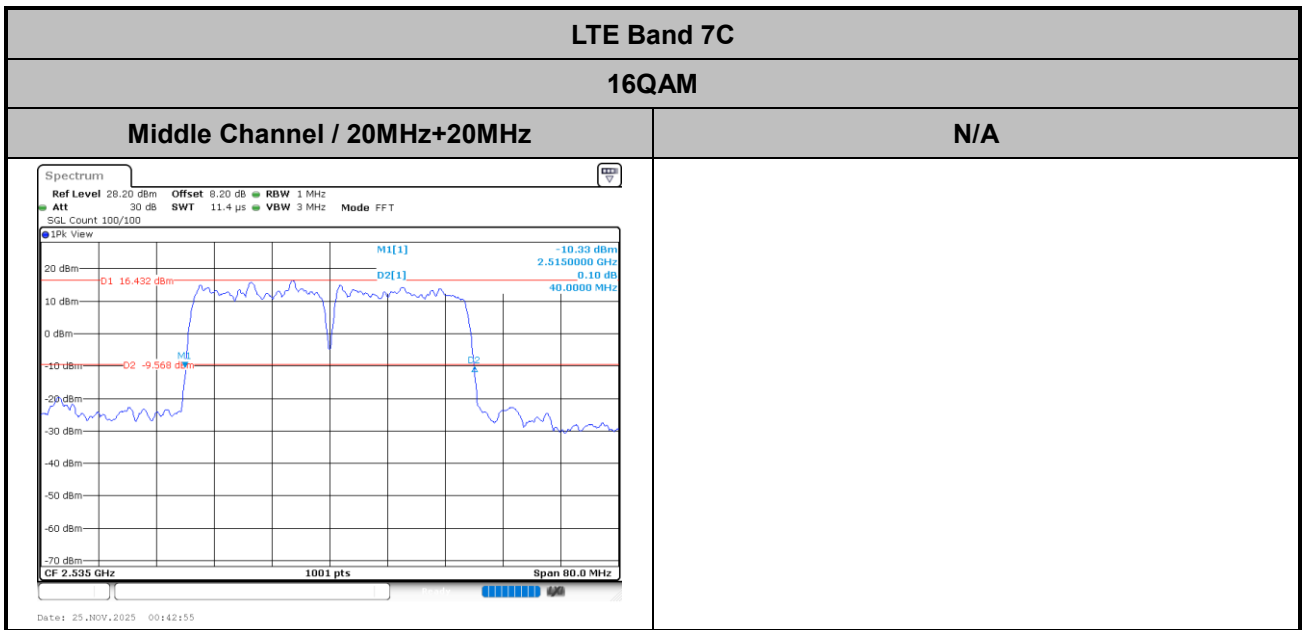


Date: 25.NOV.2025 00:38:34

Middle Channel / 20MHz+15MHz



Date: 25.NOV.2025 00:39:52



**Occupied Bandwidth**

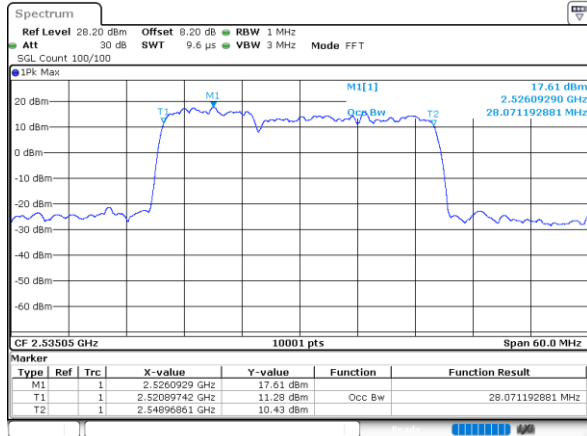
Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.07	23.44	28.41	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.12	33.02	37.82	
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.52	28.71	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.06	32.78	37.89	



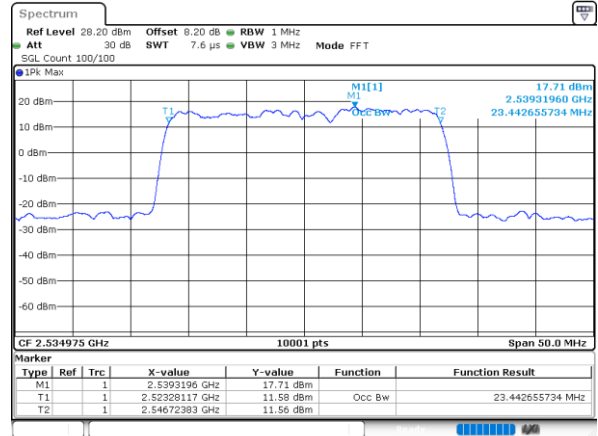
LTE Band 7C

QPSK

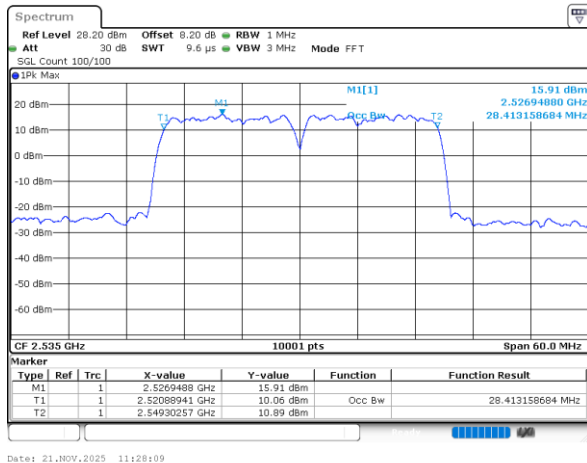
Middle Channel / 10MHz+20MHz



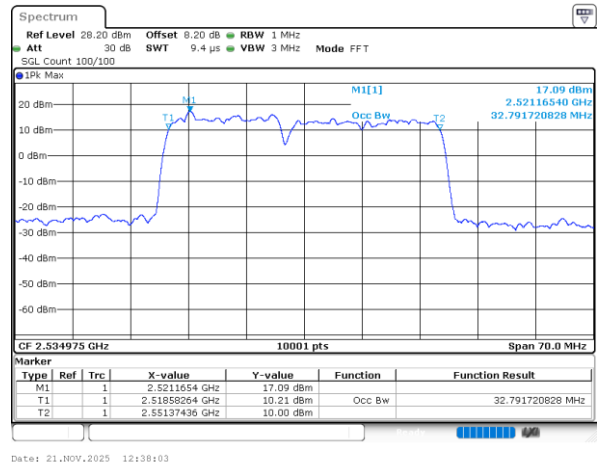
Middle Channel / 15MHz+10MHz



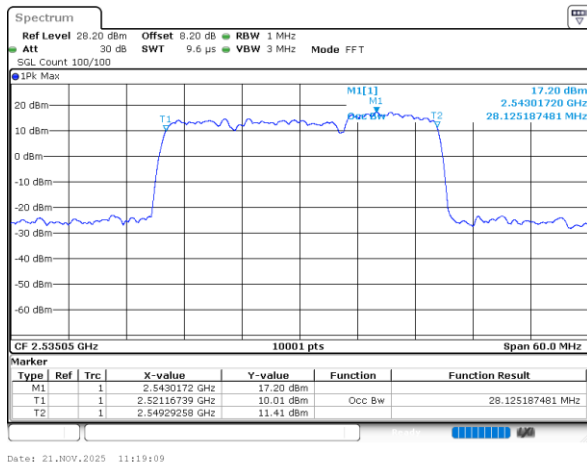
Middle Channel / 15MHz+15MHz



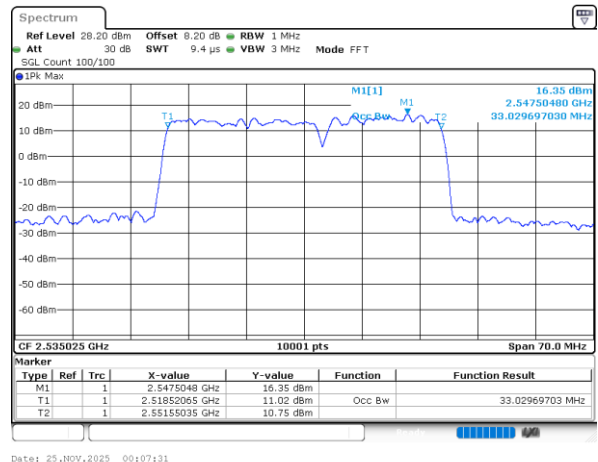
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



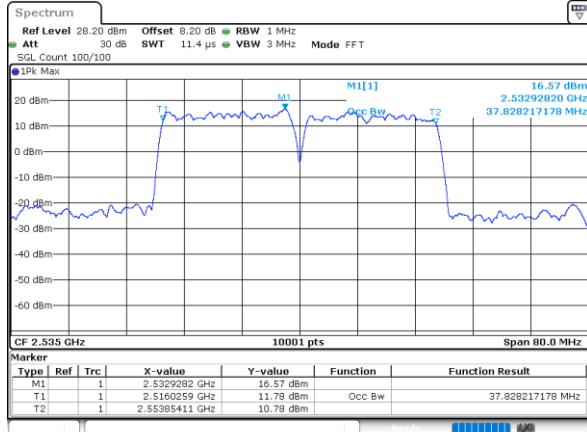


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



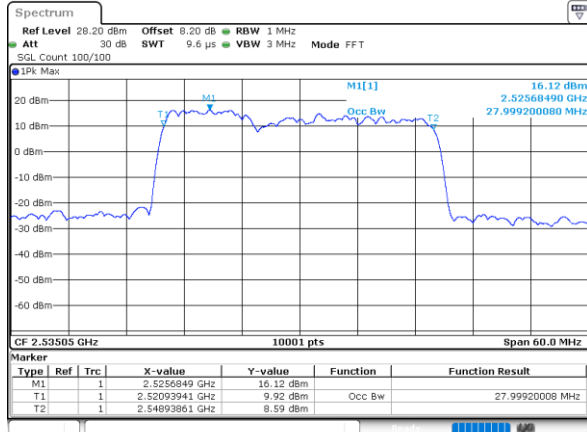
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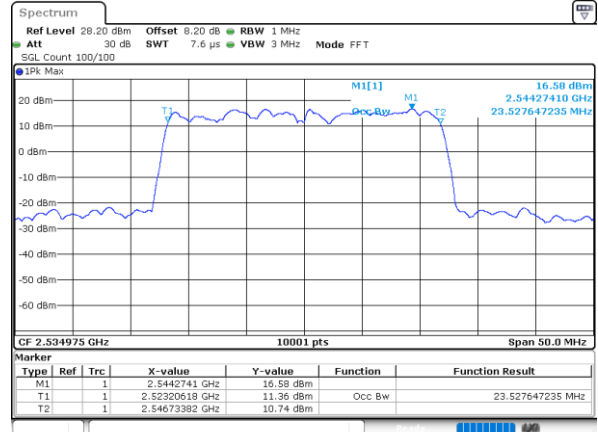
LTE Band 7C

16QAM

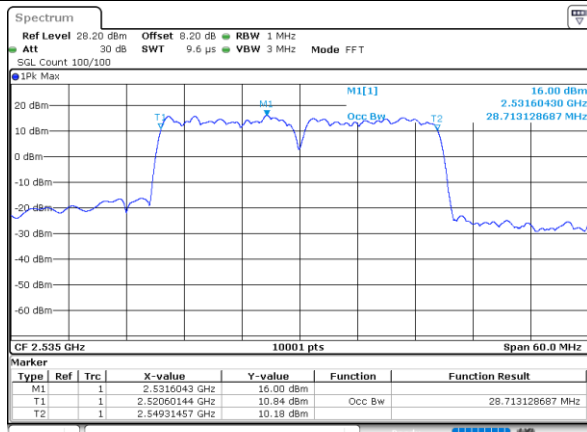
Middle Channel / 10MHz+20MHz



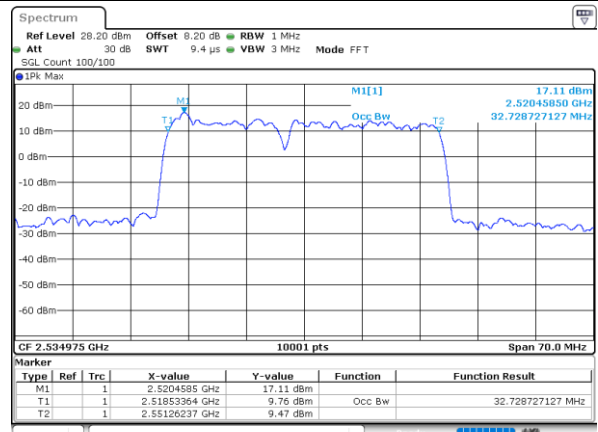
Middle Channel / 15MHz+10MHz



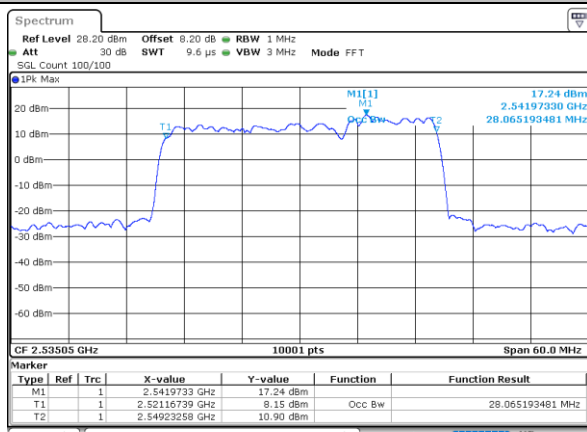
Middle Channel / 15MHz+15MHz



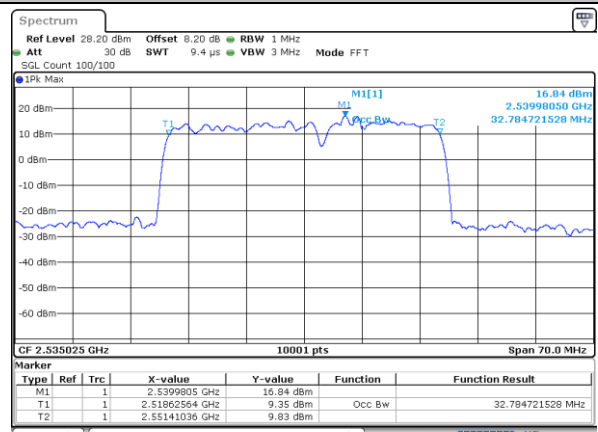
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



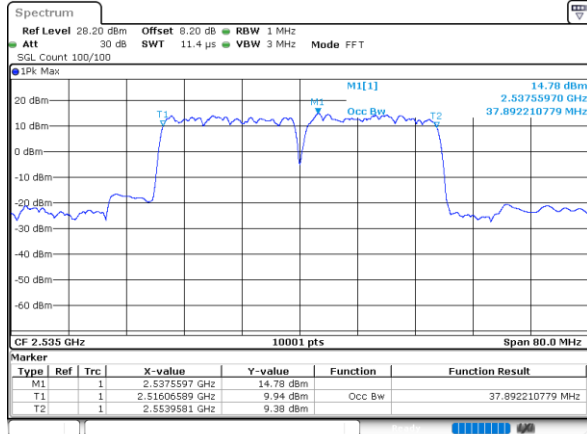


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 25,NOV,2025 00:16:44



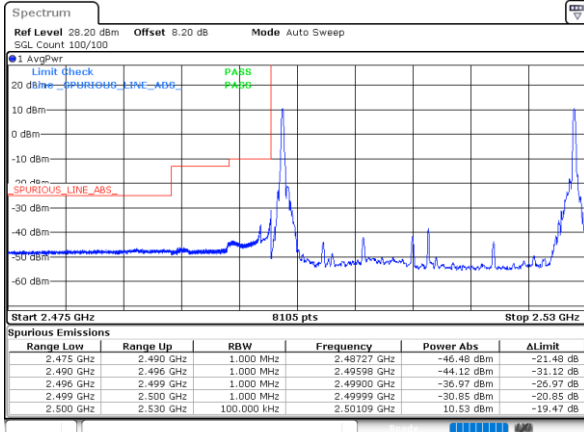
Conducted Band Edge



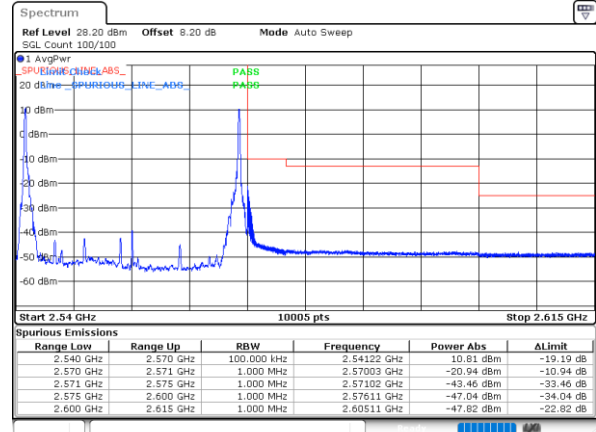
LTE Band 7C / 10MHz+20MHz

QPSK

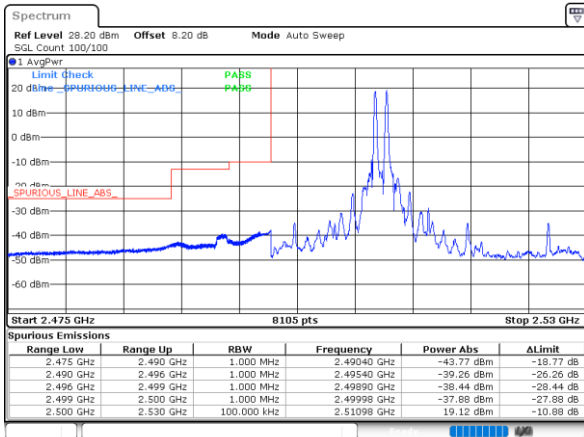
Lowest Band Edge / 1RB0 and 1RB99



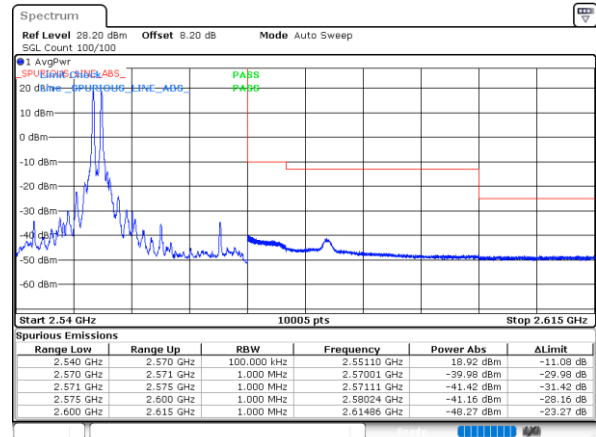
Highest Band Edge / 1RB0 and 1RB99



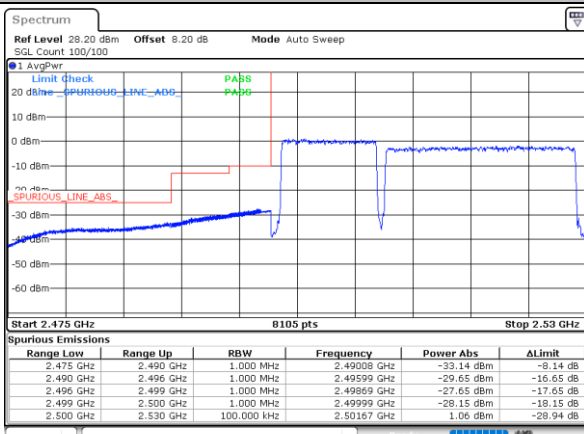
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

