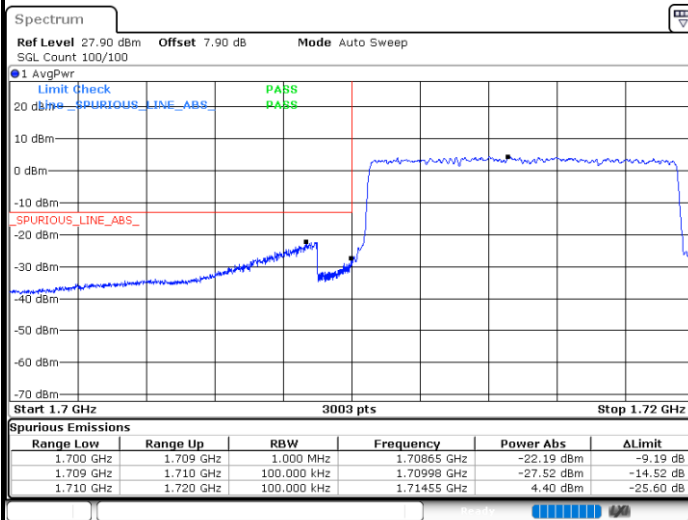


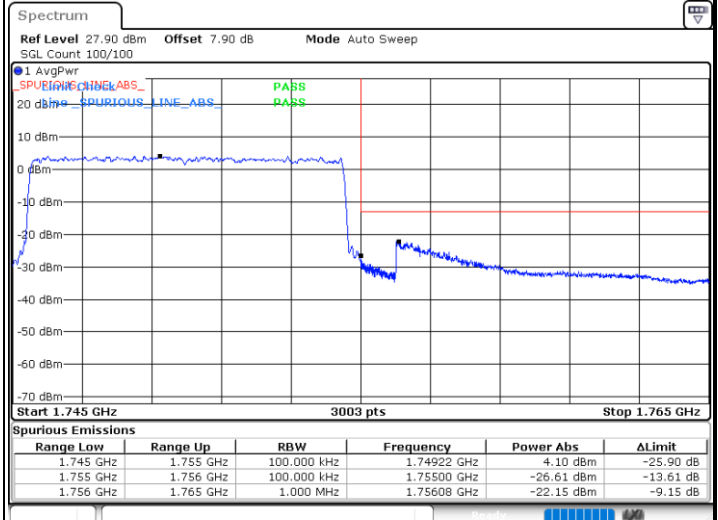


LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

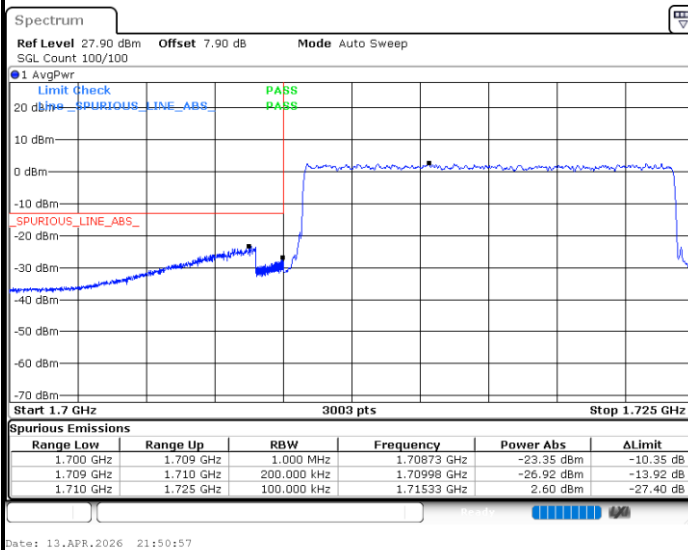


Highest Band Edge / Full RB

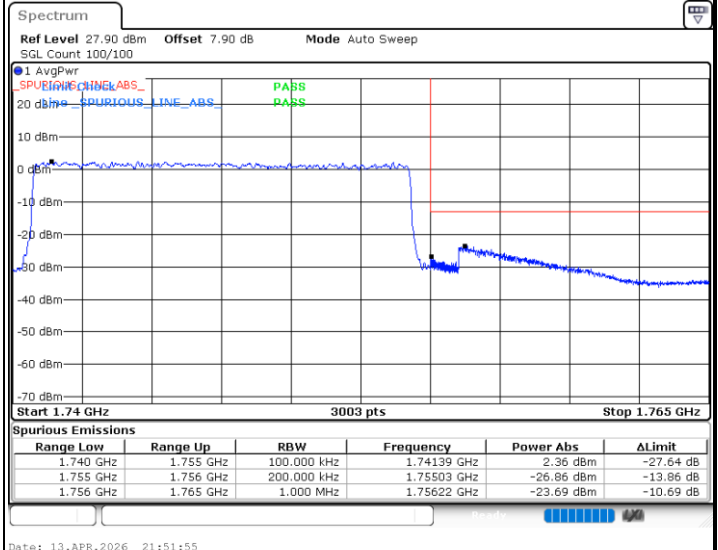


LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

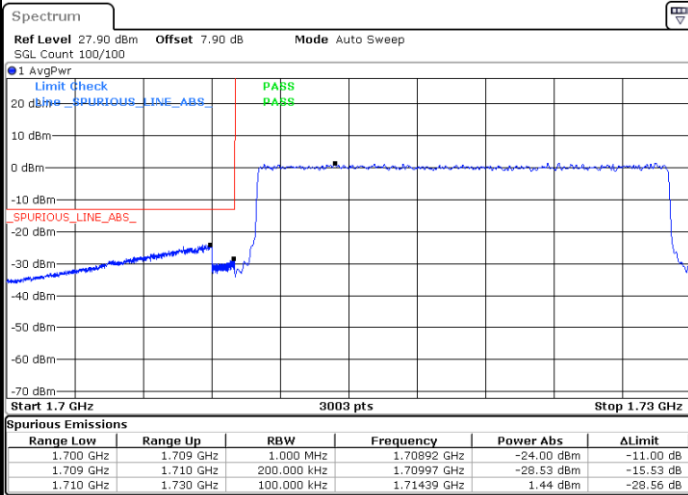




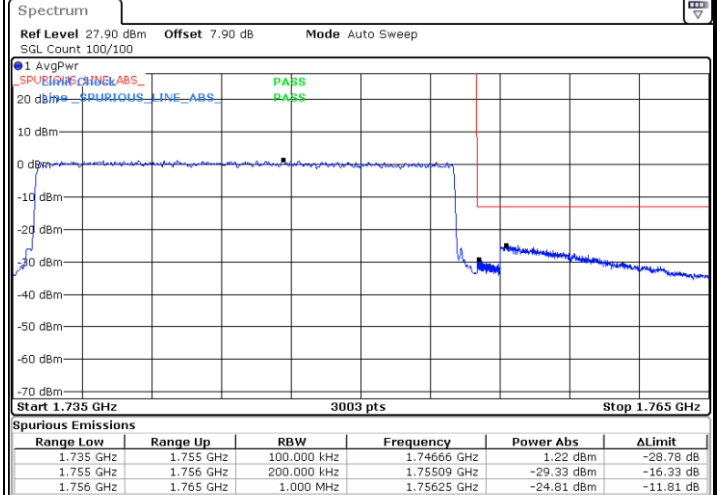
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.APR.2026 21:54:12



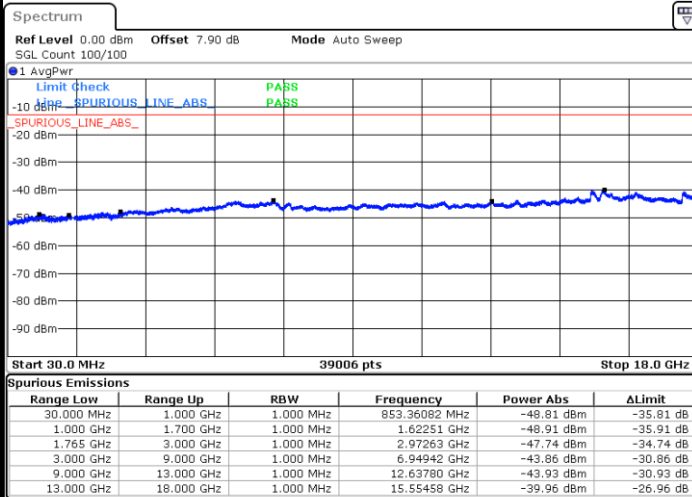
Date: 13.APR.2026 21:55:10



Conducted Spurious Emission

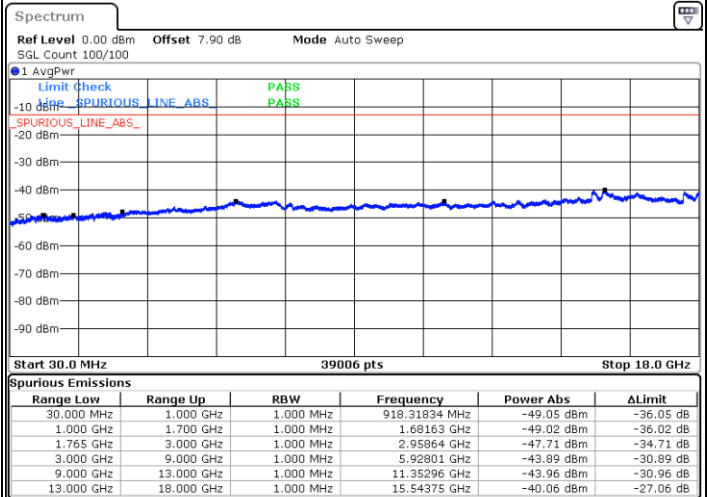
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



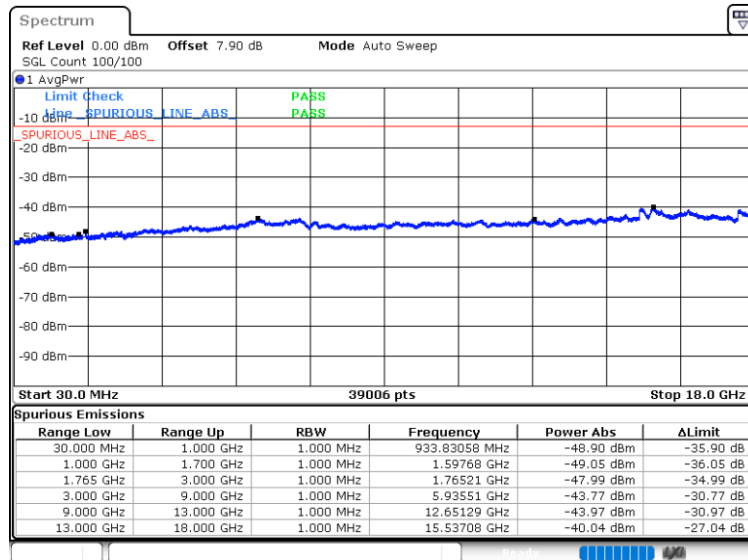
Date: 13.APR.2026 21:57:46

Middle Channel / QPSK



Date: 13.APR.2026 21:58:54

Highest Channel / QPSK

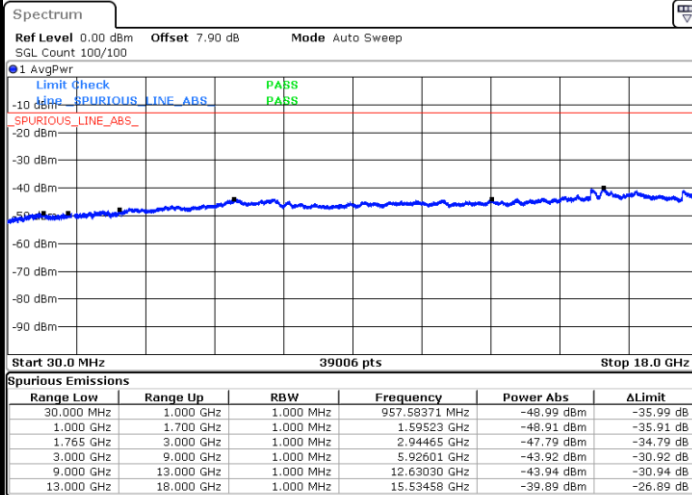


Date: 13.APR.2026 22:00:02



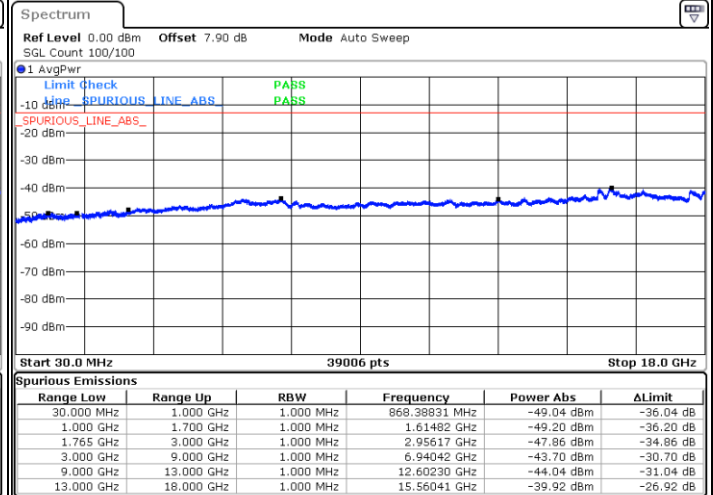
LTE Band 4 / 3MHz

Lowest Channel / QPSK



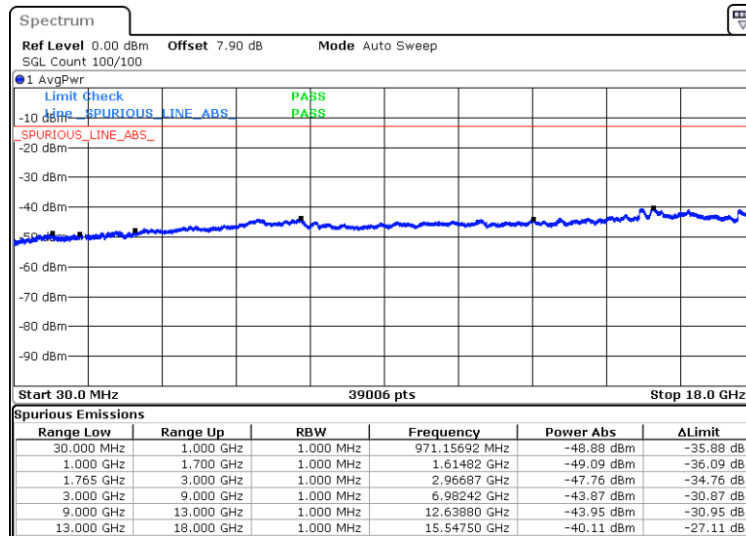
Date: 13.APR.2026 22:01:11

Middle Channel / QPSK



Date: 13.APR.2026 22:02:20

Highest Channel / QPSK

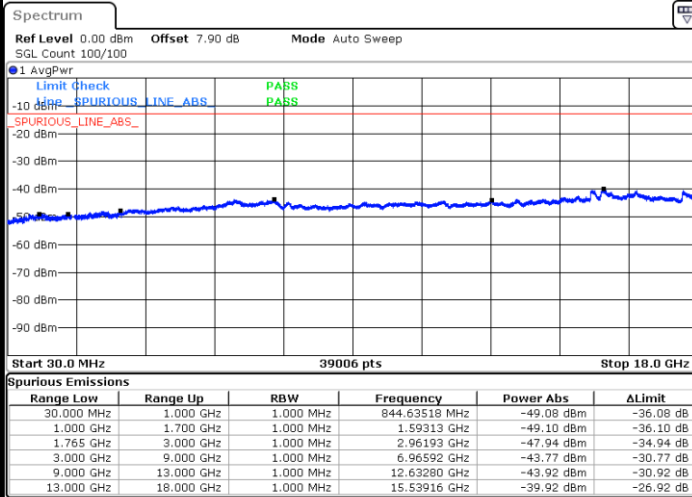


Date: 13.APR.2026 22:03:26



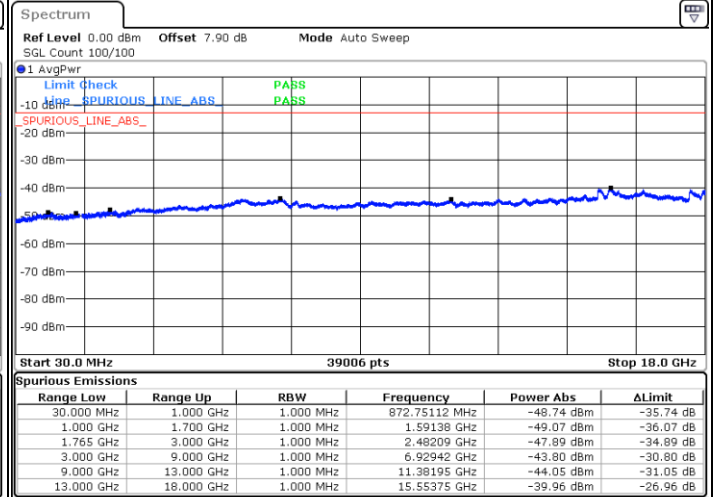
LTE Band 4 / 5MHz

Lowest Channel / QPSK



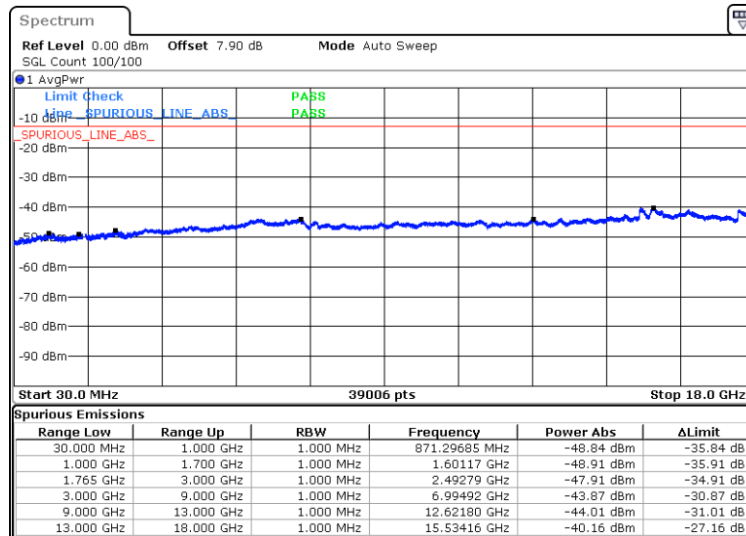
Date: 13.APR.2026 22:04:35

Middle Channel / QPSK



Date: 13.APR.2026 22:05:43

Highest Channel / QPSK

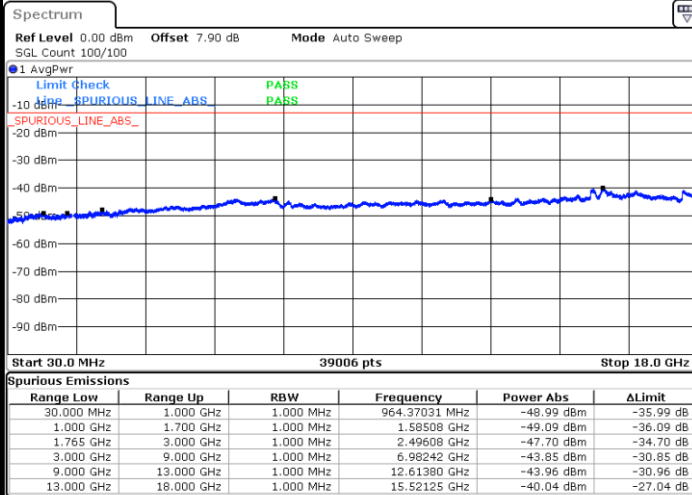


Date: 13.APR.2026 22:06:50



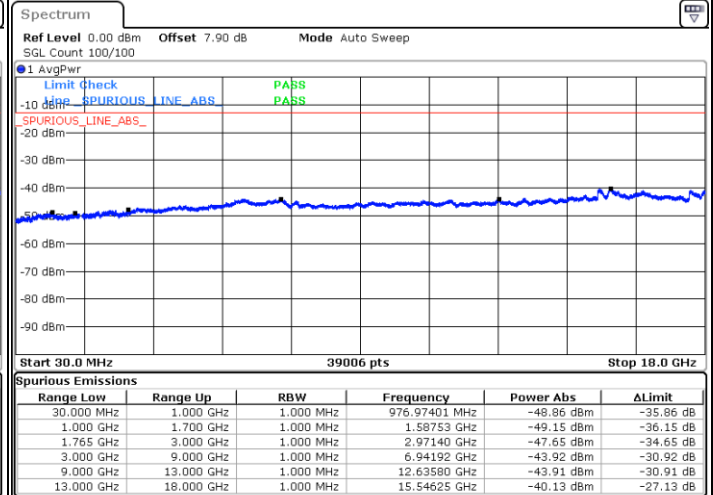
LTE Band 4 / 10MHz

Lowest Channel / QPSK



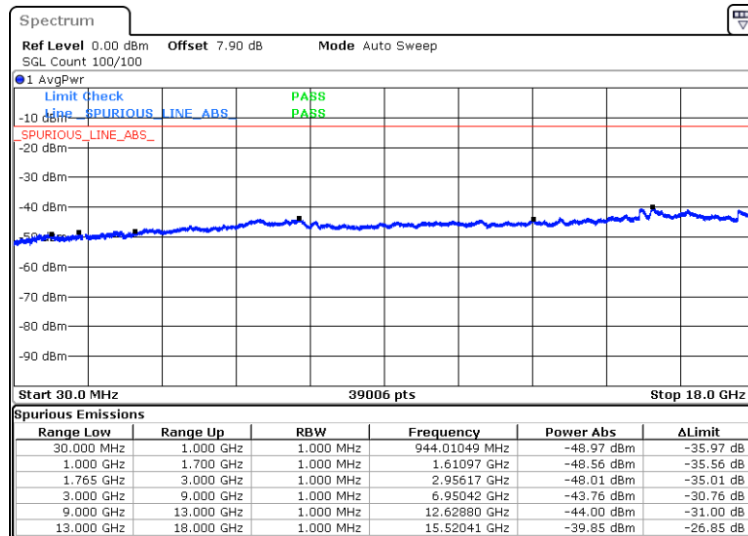
Date: 13.APR.2026 22:08:00

Middle Channel / QPSK



Date: 13.APR.2026 22:25:27

Highest Channel / QPSK

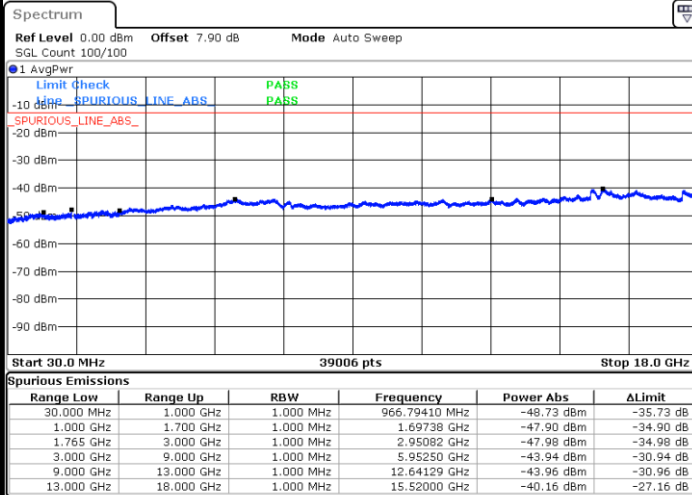


Date: 13.APR.2026 22:26:37



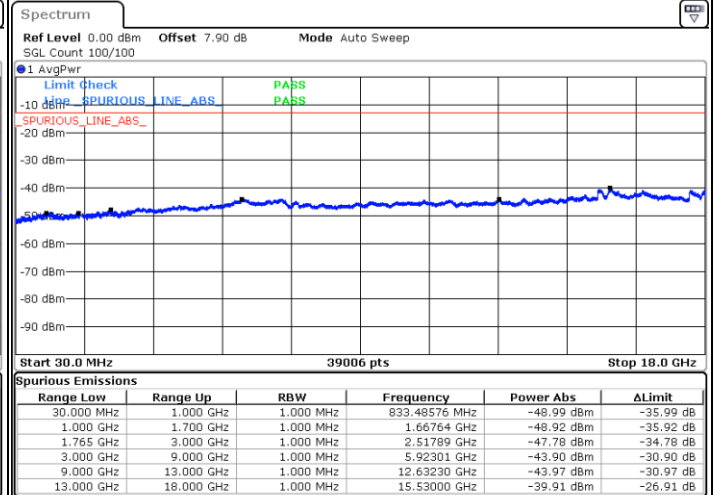
LTE Band 4 / 15MHz

Lowest Channel / QPSK



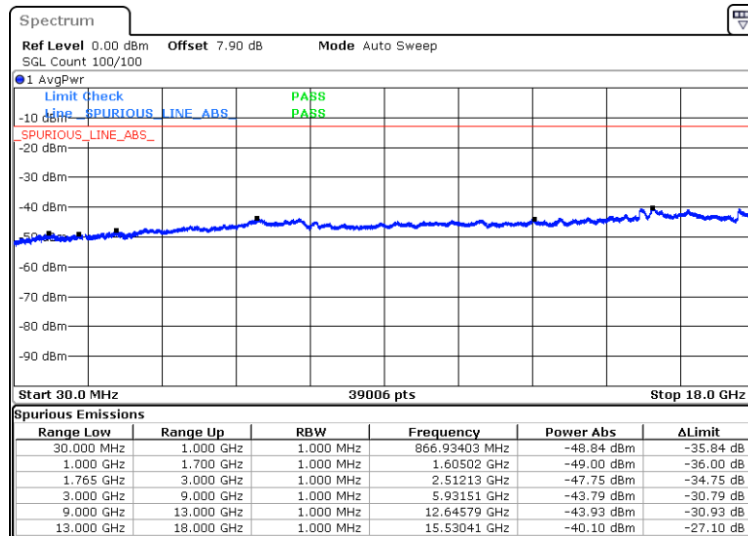
Date: 13.APR.2026 22:27:44

Middle Channel / QPSK



Date: 13.APR.2026 22:28:52

Highest Channel / QPSK

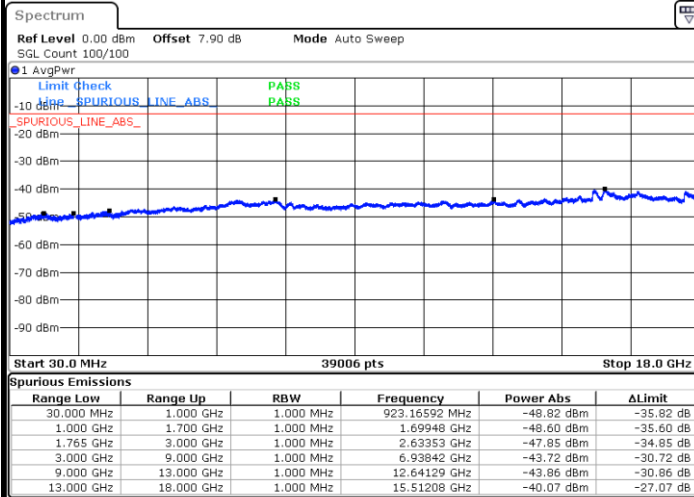


Date: 13.APR.2026 22:30:00



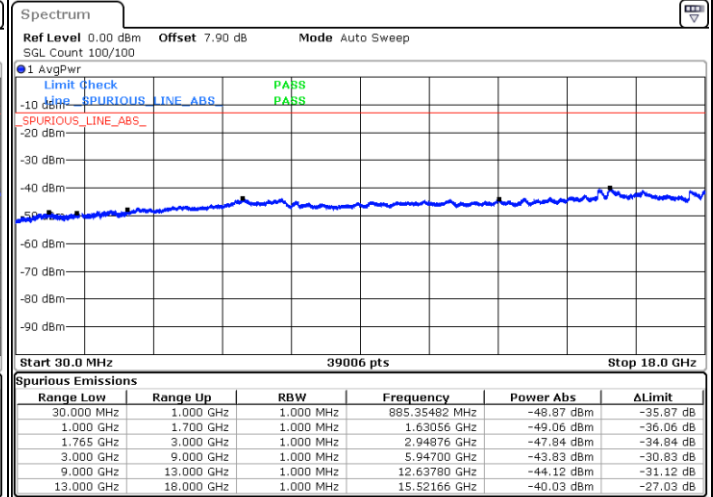
LTE Band 4 / 20MHz

Lowest Channel / QPSK



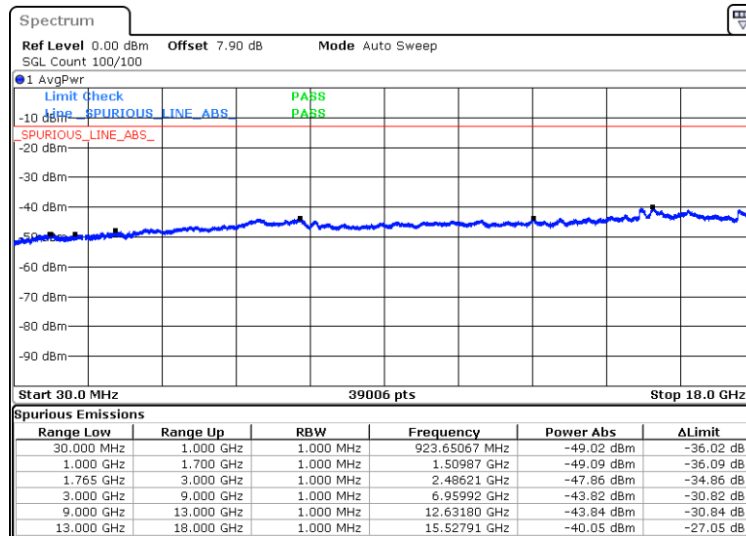
Date: 13.APR.2026 22:31:10

Middle Channel / QPSK



Date: 13.APR.2026 22:32:19

Highest Channel / QPSK



Date: 13.APR.2026 22:33:29

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0026	-4.5	Yes	PASS
40	Normal Voltage	0.0039	-6.8	Yes	
30	Normal Voltage	0.0087	-15	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0015	-2.6	Yes	
0	Normal Voltage	0.0022	-3.8	Yes	
-10	Normal Voltage	0.0084	-14.5	Yes	
-20	Normal Voltage	0.0098	-17	Yes	
-30	Normal Voltage	0.0089	-15.5	Yes	
20	Maximum Voltage	0.0083	-14.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0006	1.1	Yes	

Note:

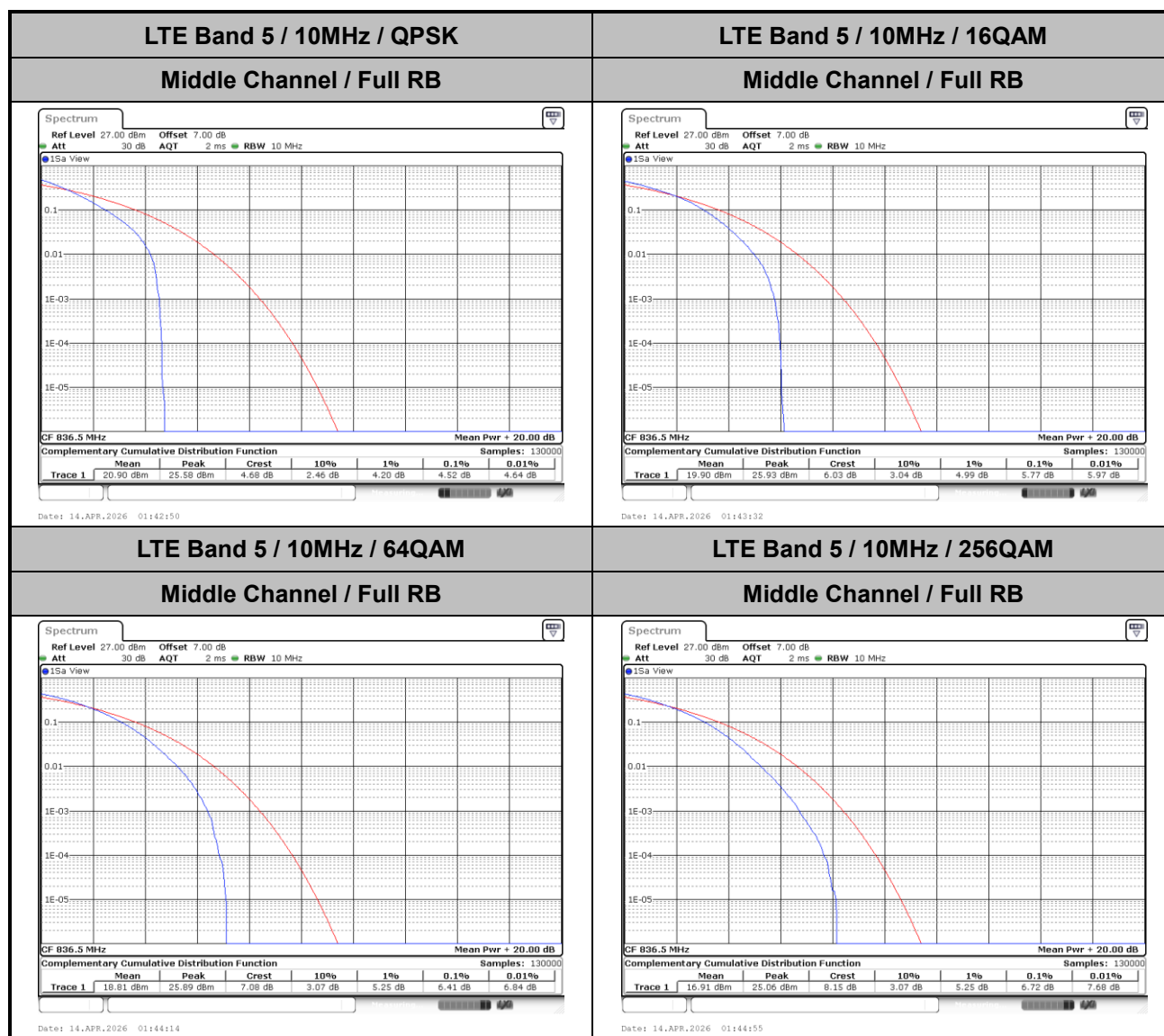
1. Normal Voltage = 4 V. ; Minimum Voltage = 3.8 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 5

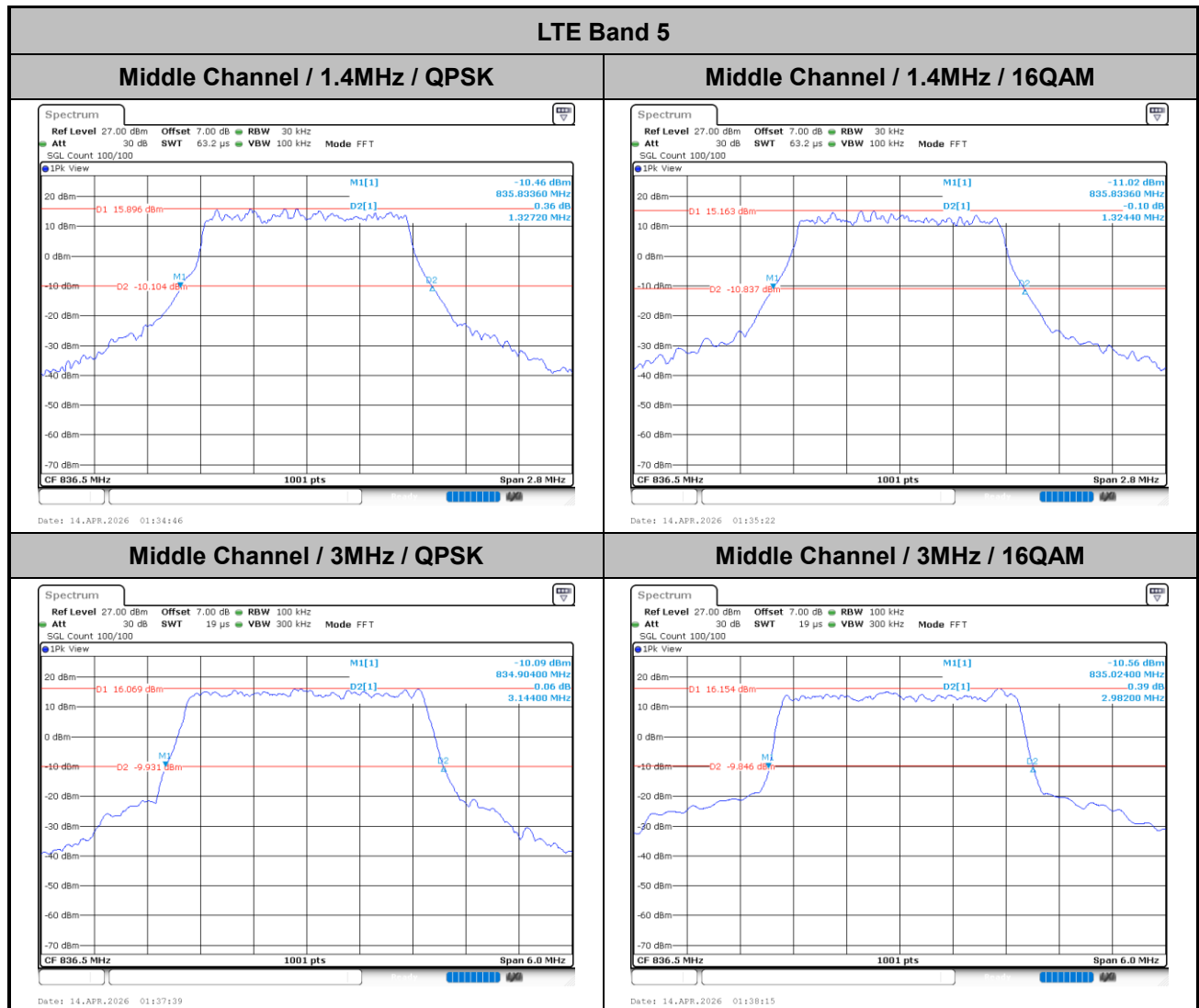
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.77	6.41	6.72	PASS



**26dB Bandwidth**

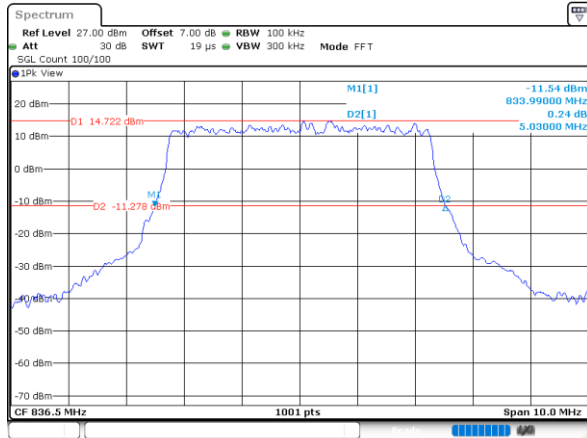
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.32	3.14	2.98	5.03	5.04	10.06	9.82	-	-	-	-



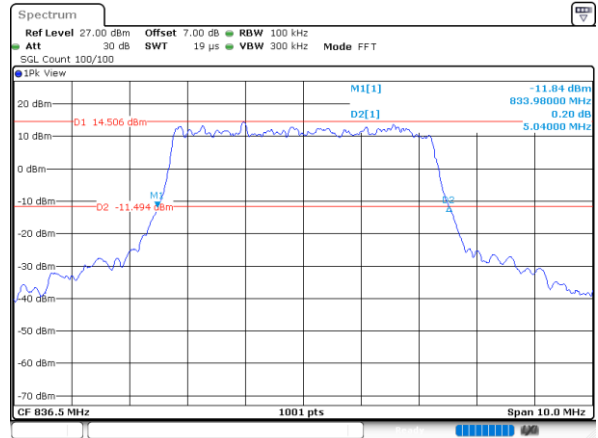


LTE Band 5

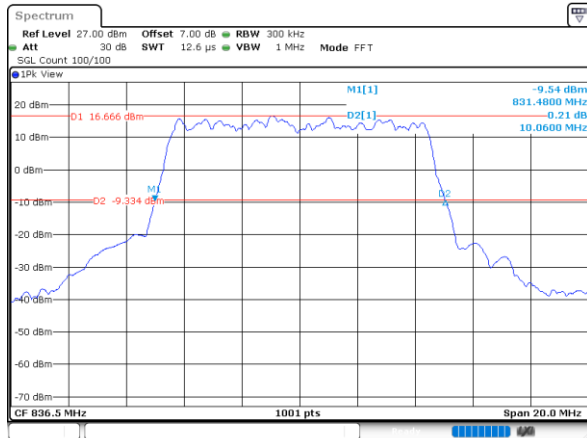
Middle Channel / 5MHz / QPSK



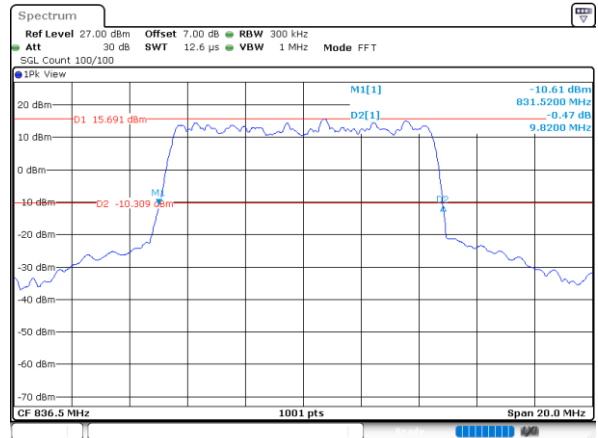
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



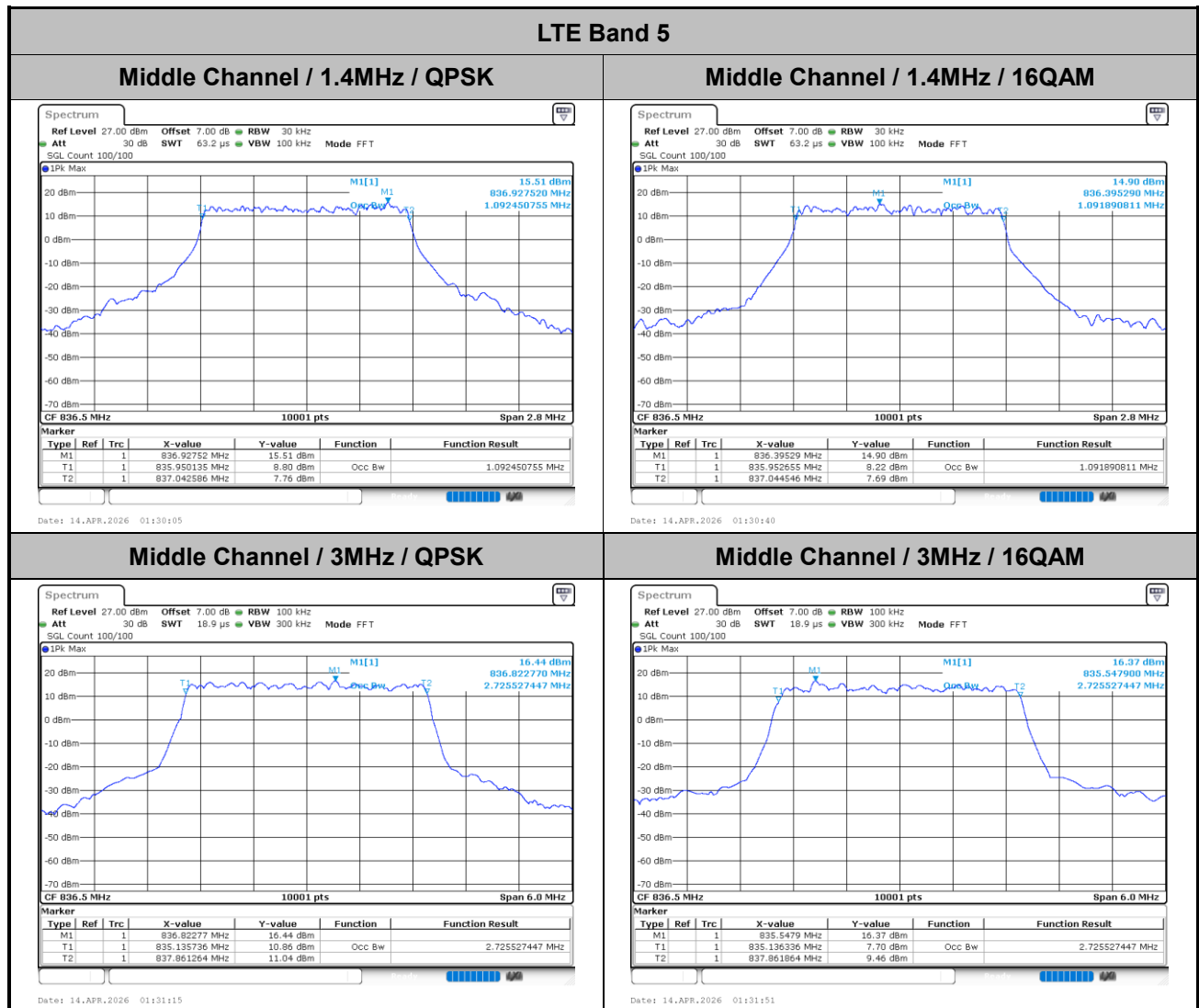
Middle Channel / 10MHz / 16QAM





Occupied Bandwidth

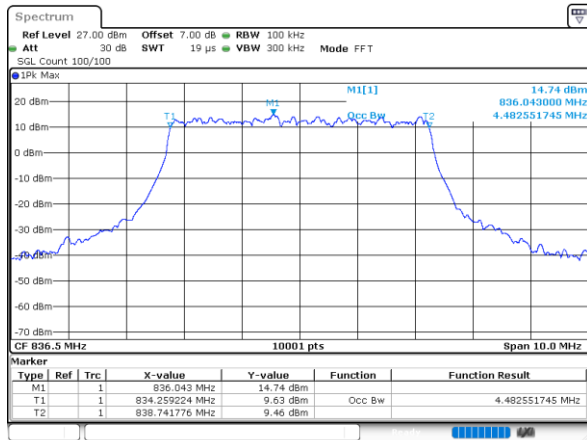
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.72	4.48	4.46	9.03	9.02	-	-	-	-



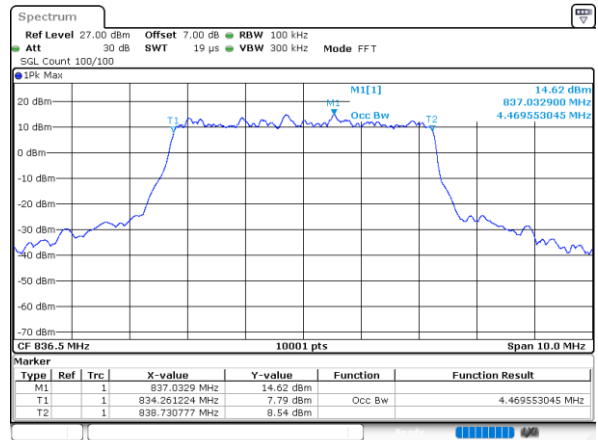


LTE Band 5

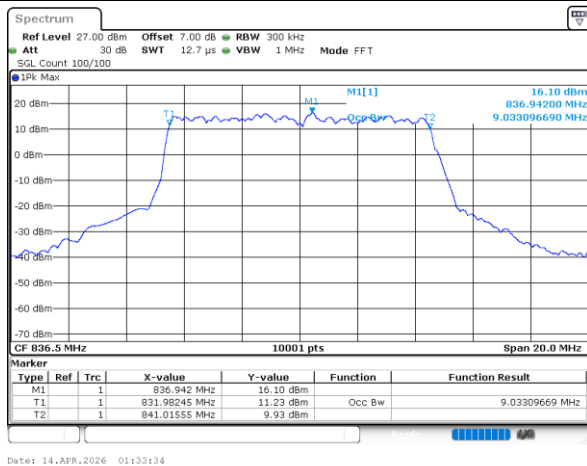
Middle Channel / 5MHz / QPSK



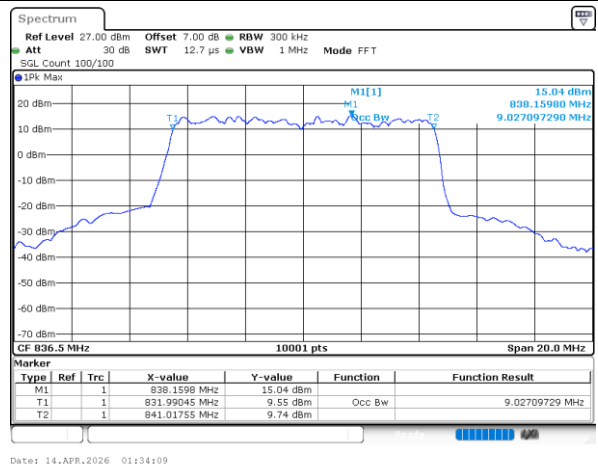
Middle Channel / 5MHz / 16QAM

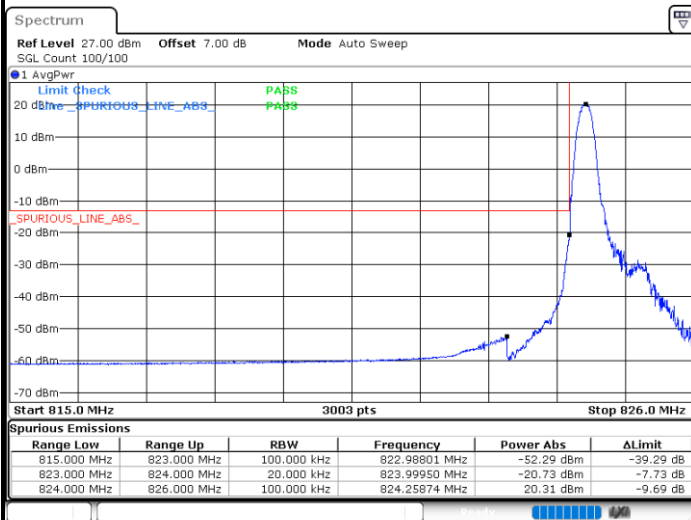
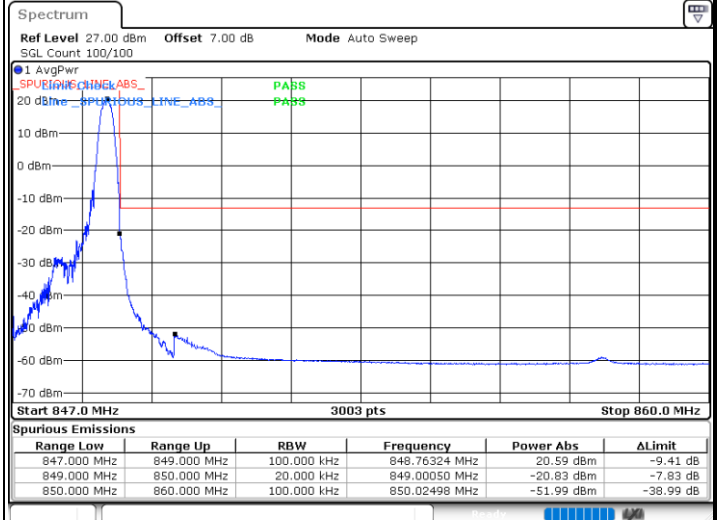
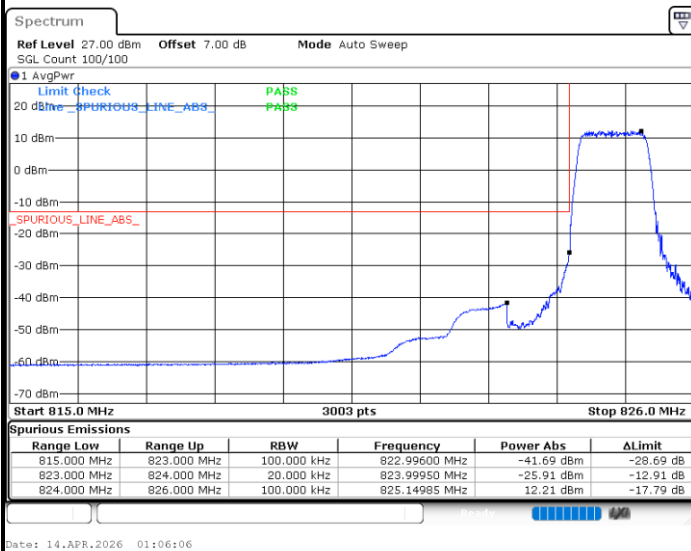
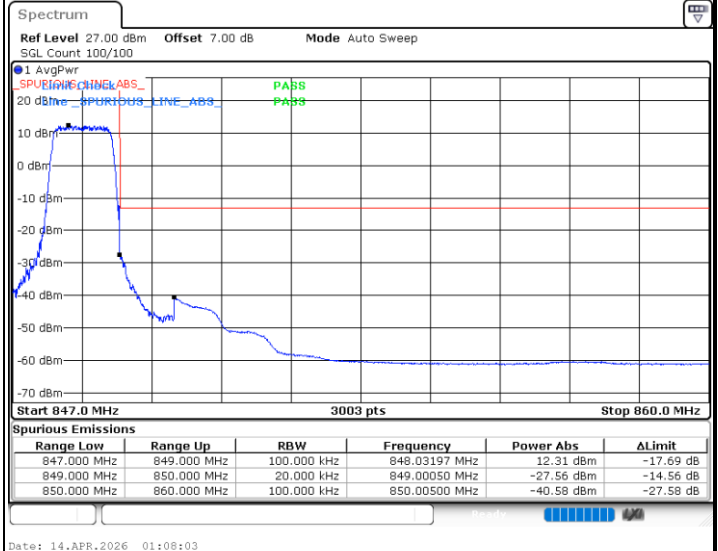


Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

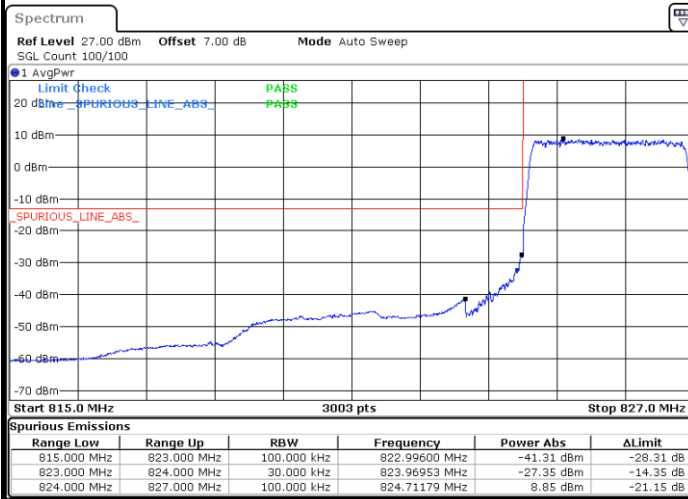


**Conducted Band Edge****LTE Band 5 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

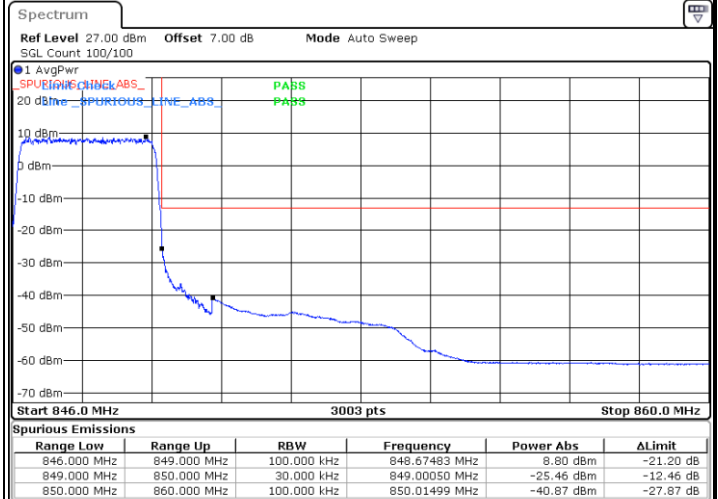


LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / Full RB

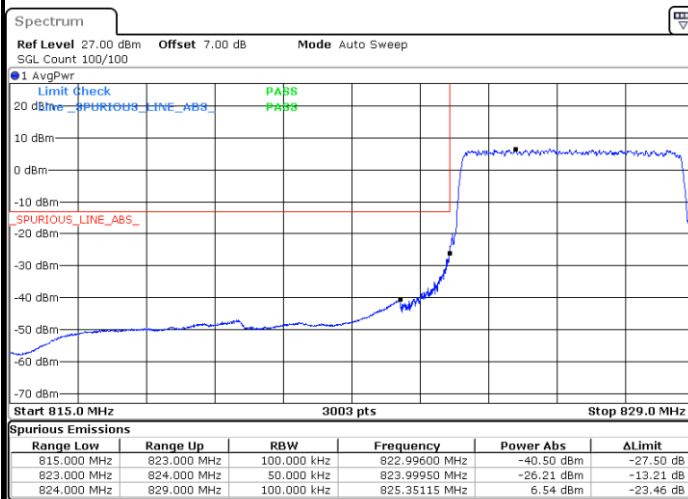


Highest Band Edge / Full RB

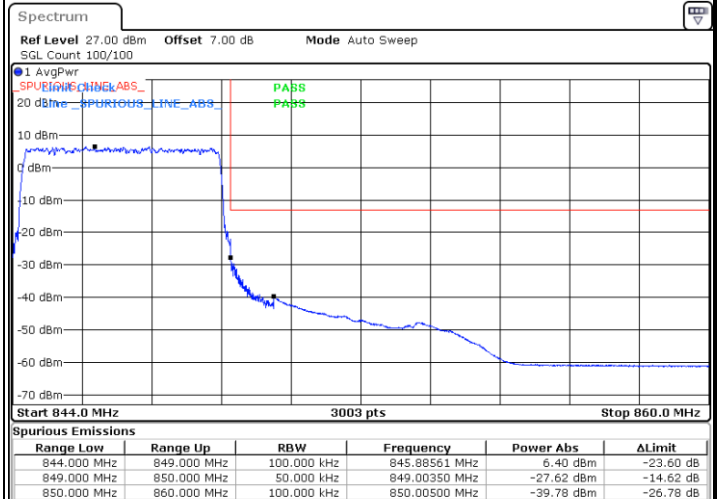


LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

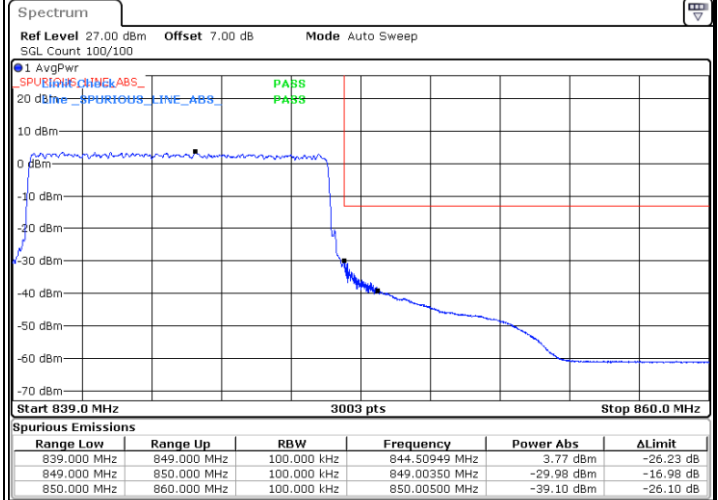
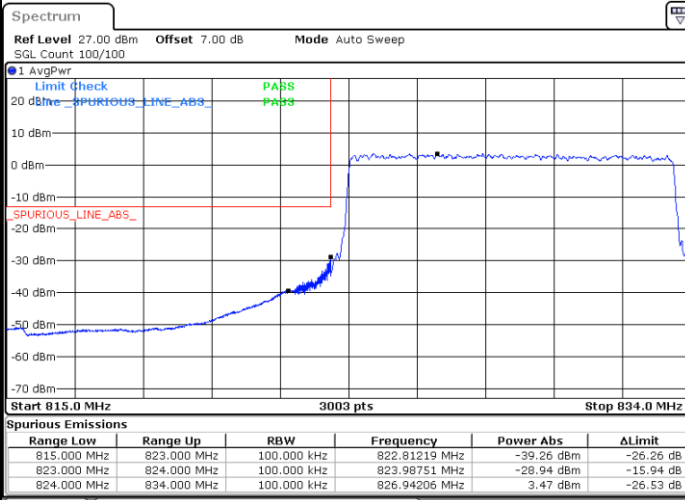




LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

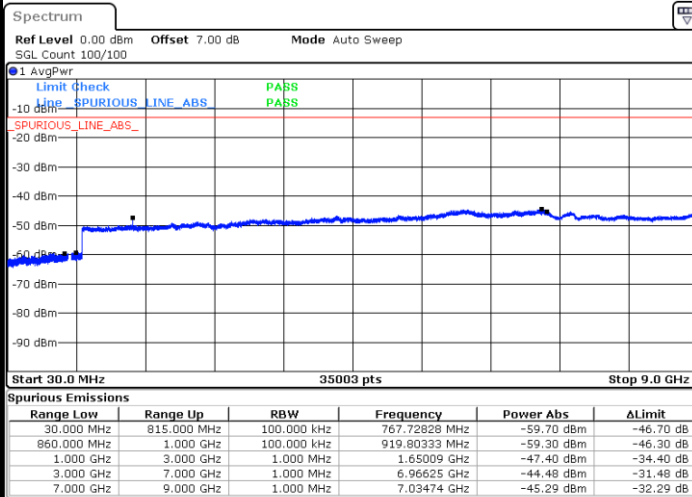




Conducted Spurious Emission

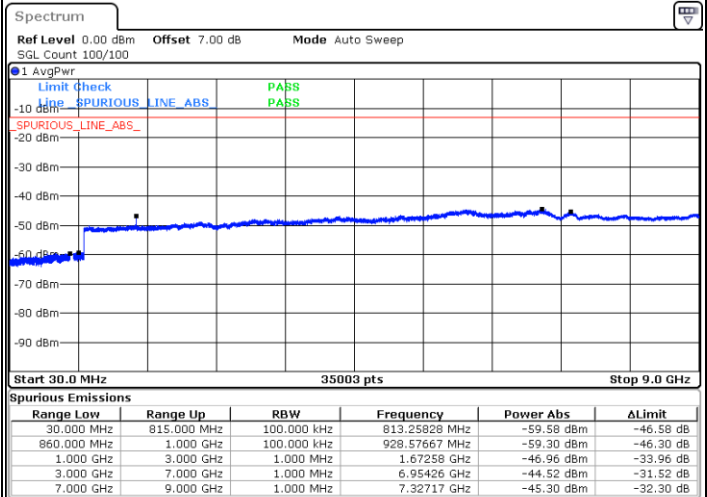
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



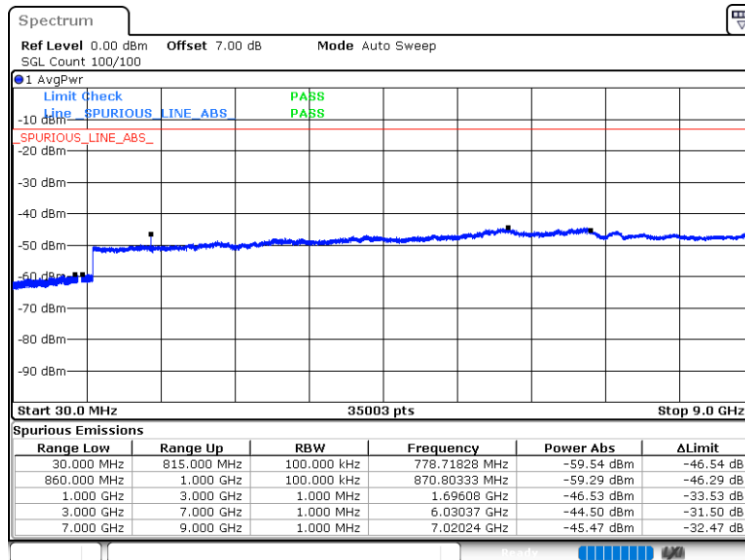
Date: 14.APR.2026 01:15:05

Middle Channel / QPSK



Date: 14.APR.2026 01:16:14

Highest Channel / QPSK

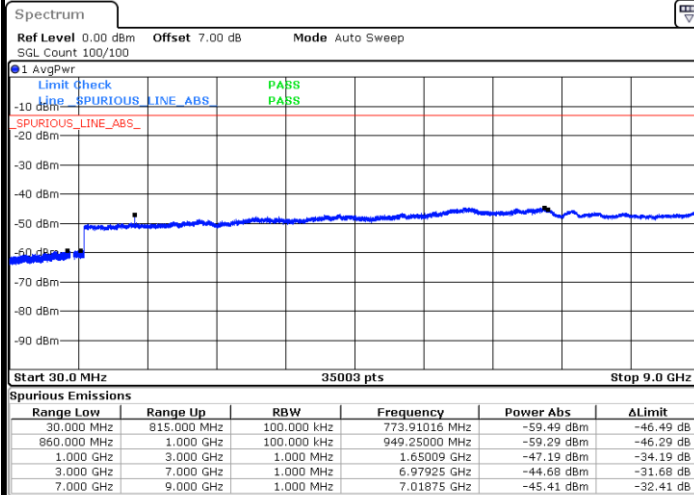


Date: 14.APR.2026 01:17:25

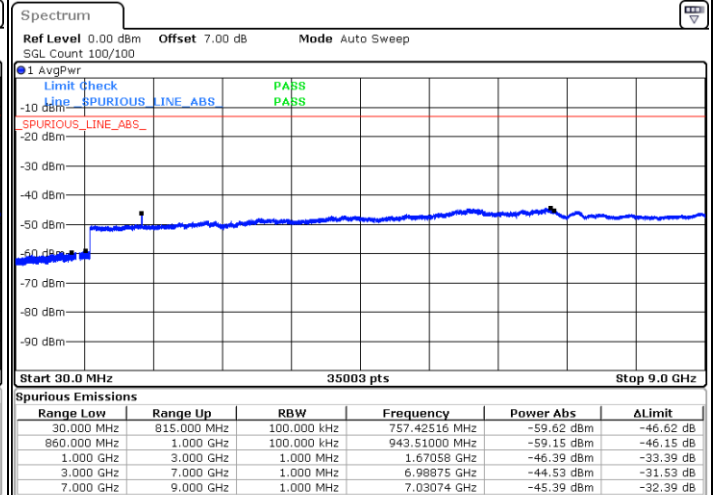


LTE Band 5 / 3MHz

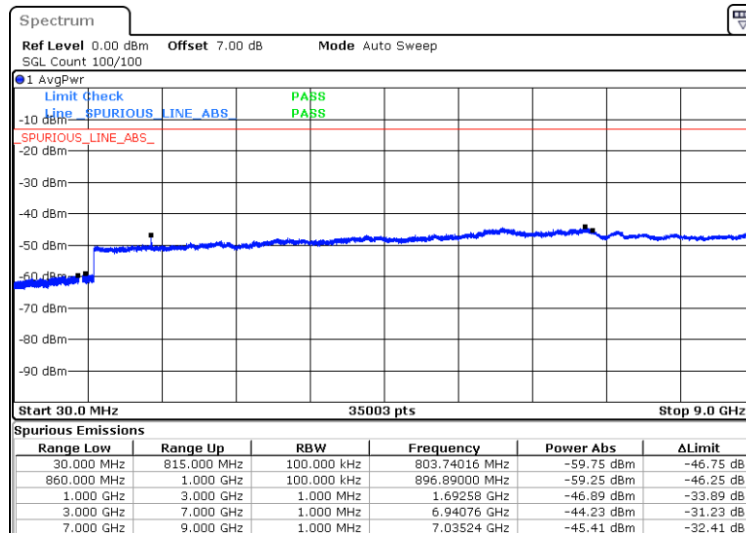
Lowest Channel / QPSK



Middle Channel / QPSK



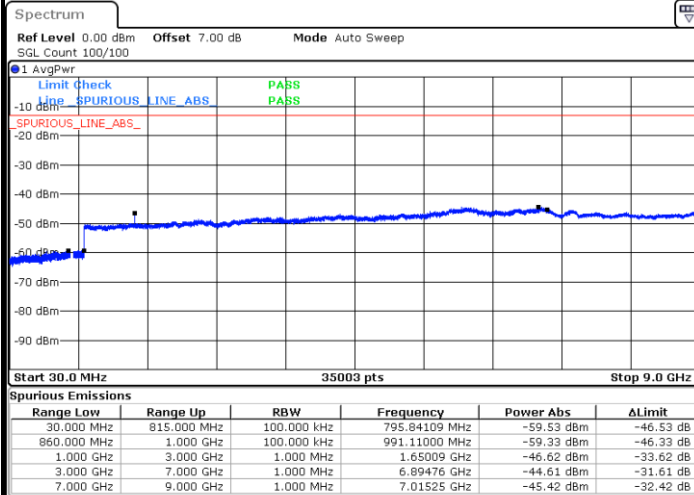
Highest Channel / QPSK





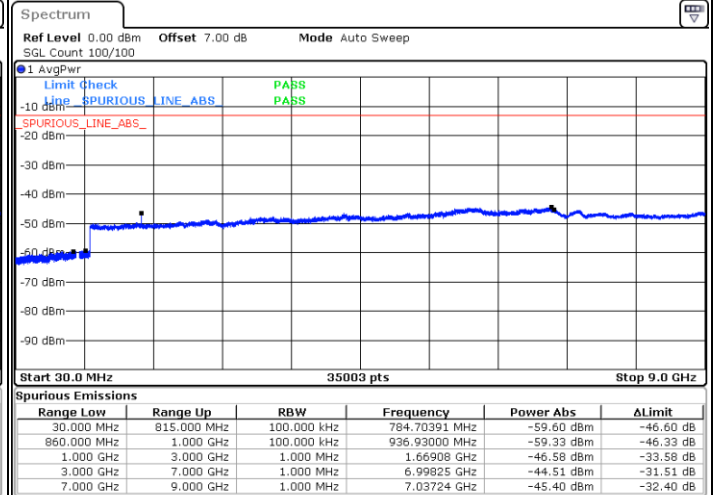
LTE Band 5 / 5MHz

Lowest Channel / QPSK



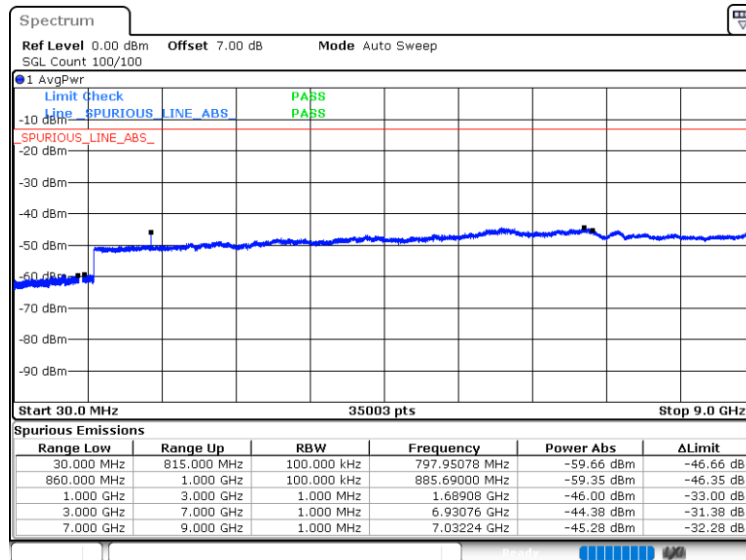
Date: 14.APR.2026 01:21:57

Middle Channel / QPSK



Date: 14.APR.2026 01:23:05

Highest Channel / QPSK

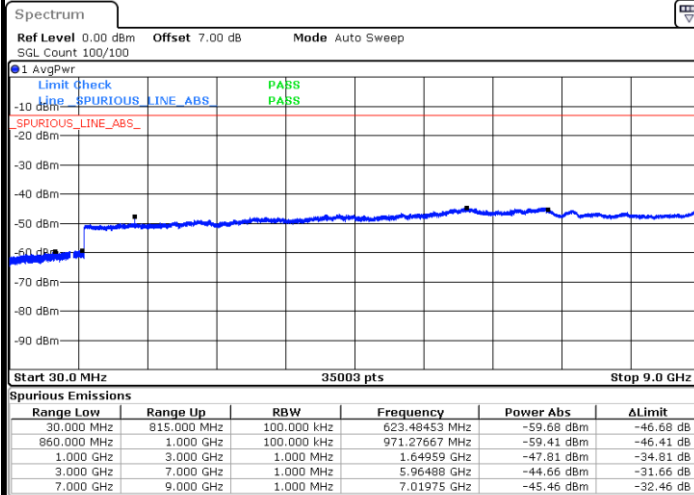


Date: 14.APR.2026 01:24:13



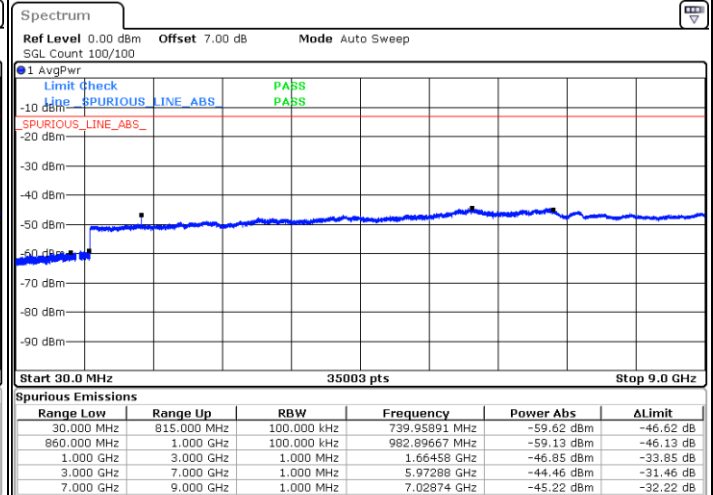
LTE Band 5 / 10MHz

Lowest Channel / QPSK



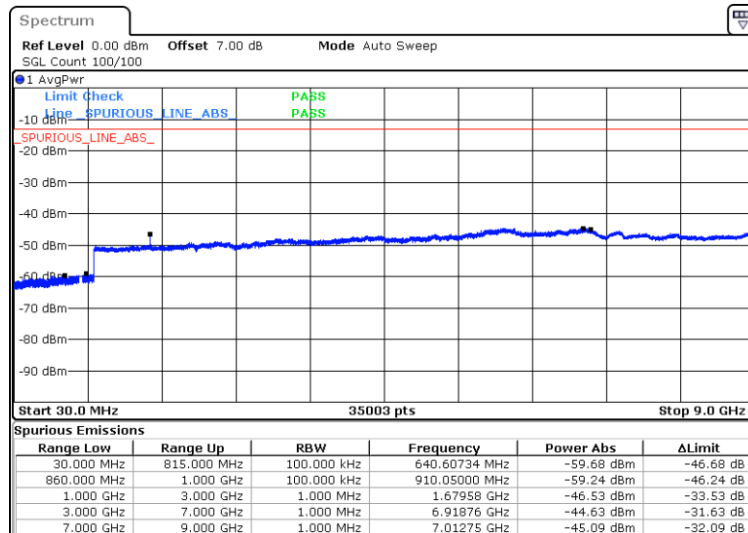
Date: 14.APR.2026 01:25:22

Middle Channel / QPSK



Date: 14.APR.2026 01:26:30

Highest Channel / QPSK



Date: 14.APR.2026 01:27:38

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0106	-8.9	Yes	PASS
40	Normal Voltage	0.0006	0.5	Yes	
30	Normal Voltage	0.0072	6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0048	-4	Yes	
0	Normal Voltage	0.0024	2	Yes	
-10	Normal Voltage	0.0117	9.8	Yes	
-20	Normal Voltage	0.0061	5.1	Yes	
-30	Normal Voltage	0.0026	2.2	Yes	
20	Maximum Voltage	0.0036	-3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0016	1.3	Yes	

Note:

1. Normal Voltage = 4 V. ; Minimum Voltage = 3.8 V. ; Maximum Voltage = 4.2 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 5B****26dB Bandwidth**

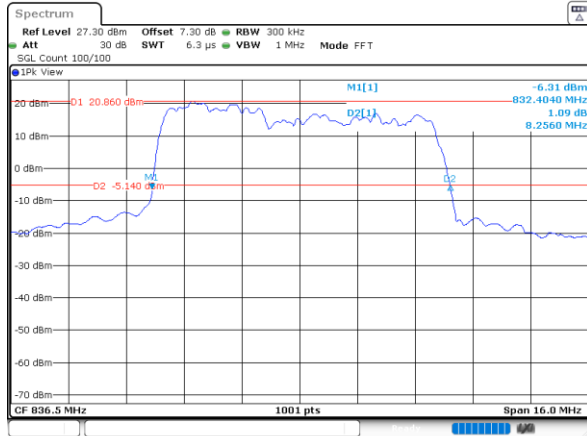
Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.25	8.27	14.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.82	19.60	-
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.14	8.22	14.55
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.79	19.80	-



LTE Band 5B

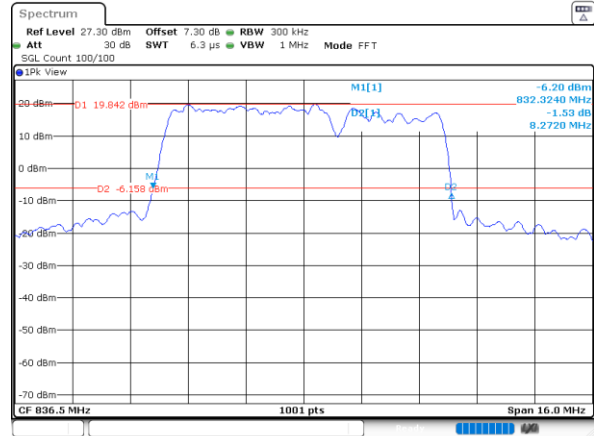
QPSK

Middle Channel / 3MHz+5MHz



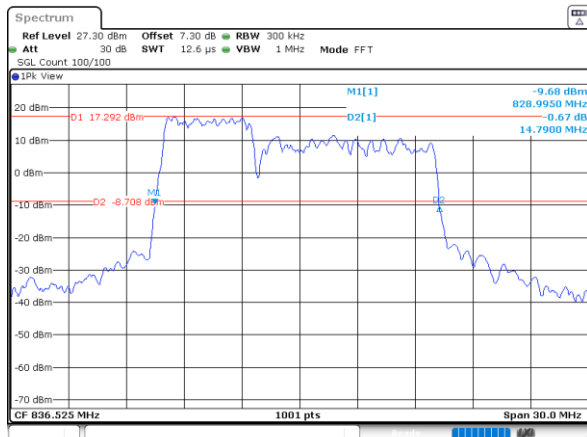
Date: 17.APR.2026 22:58:46

Middle Channel / 5MHz+3MHz



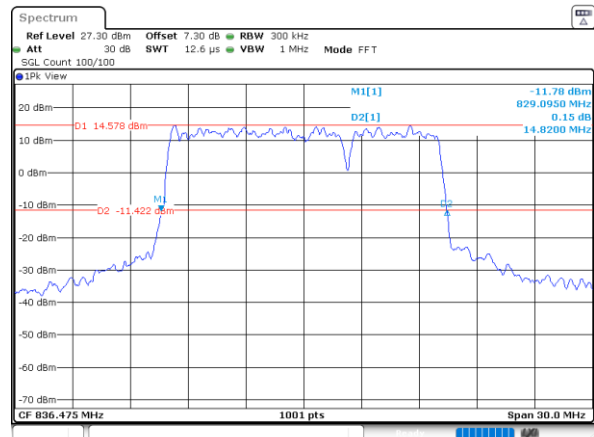
Date: 17.APR.2026 22:52:40

Middle Channel / 5MHz+10MHz



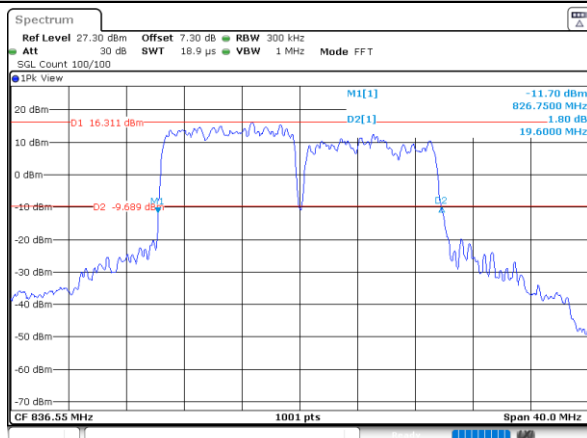
Date: 17.APR.2026 22:54:39

Middle Channel / 10MHz+5MHz



Date: 17.APR.2026 22:56:39

Middle Channel / 10MHz+10MHz



Date: 17.APR.2026 22:58:28

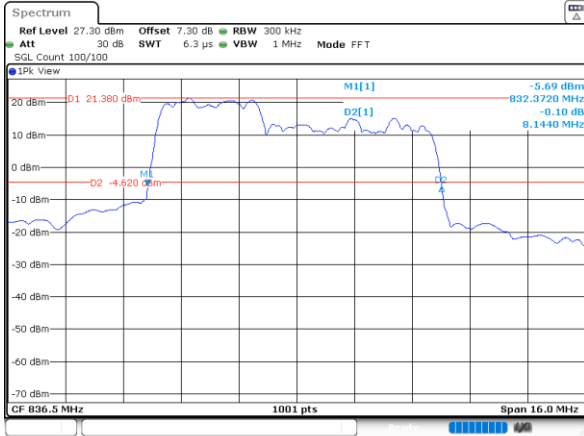
N/A



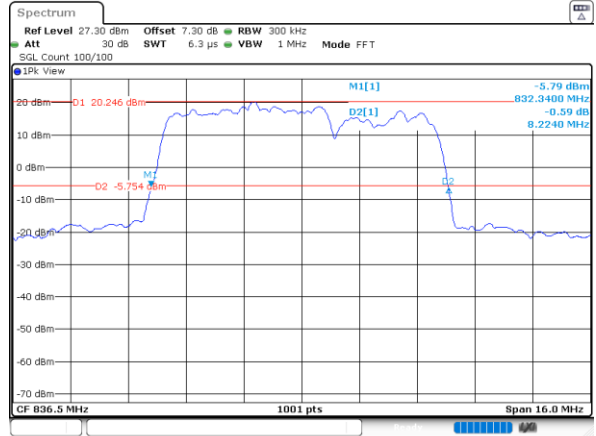
LTE Band 5B

16QAM

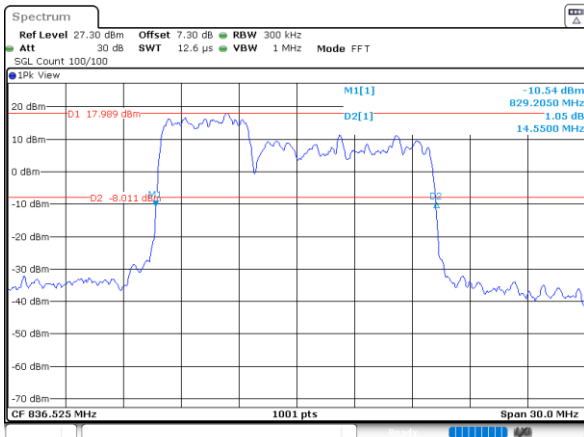
Middle Channel / 3MHz+5MHz



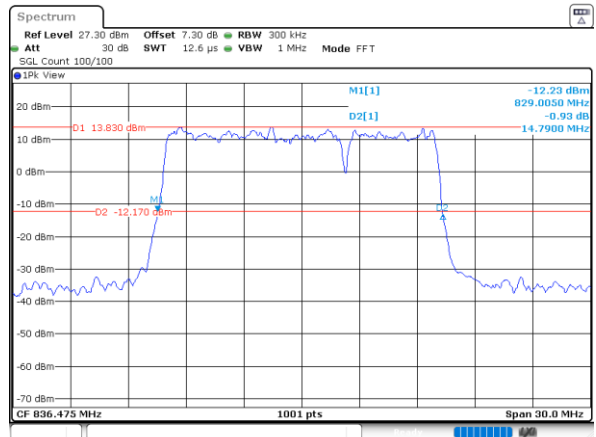
Middle Channel / 5MHz+3MHz



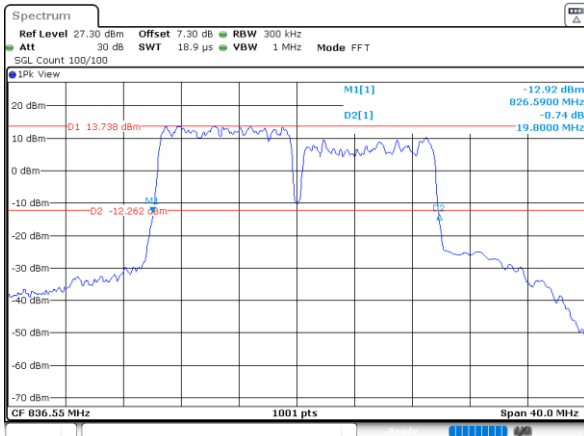
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

**Occupied Bandwidth**

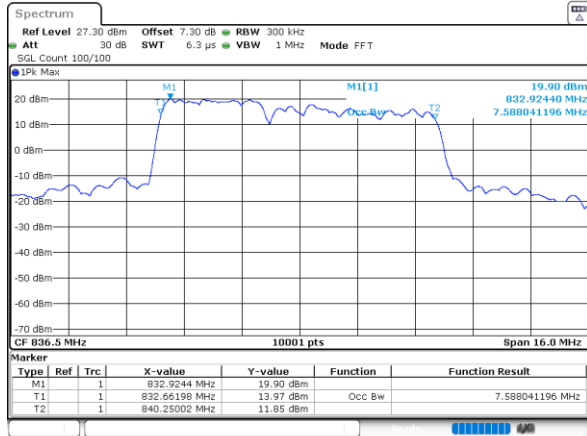
Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.56	13.70
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.73	-
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.54	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.86	18.71	-



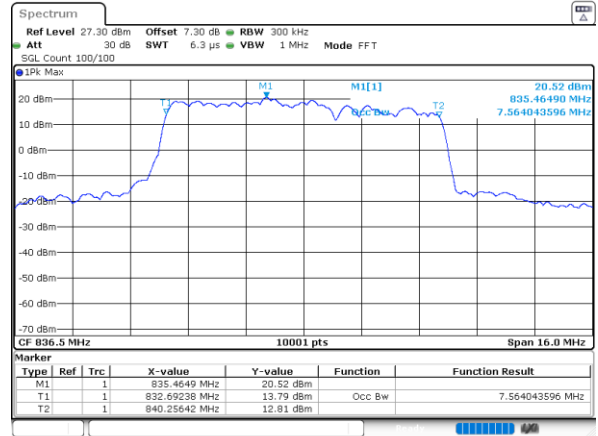
LTE Band 5B

QPSK

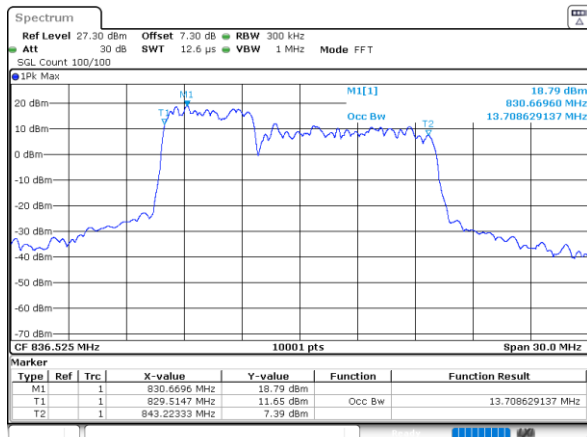
Middle Channel / 3MHz+5MHz



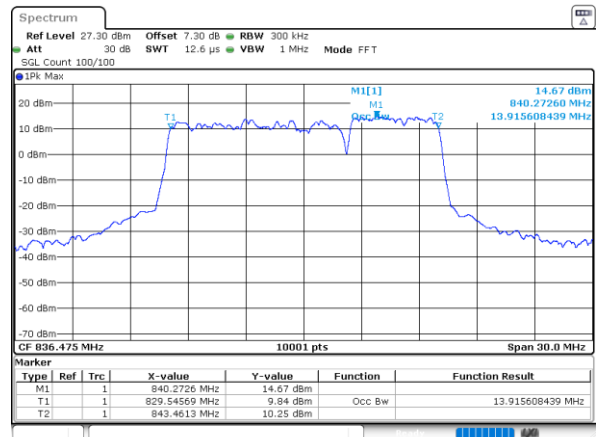
Middle Channel / 5MHz+3MHz



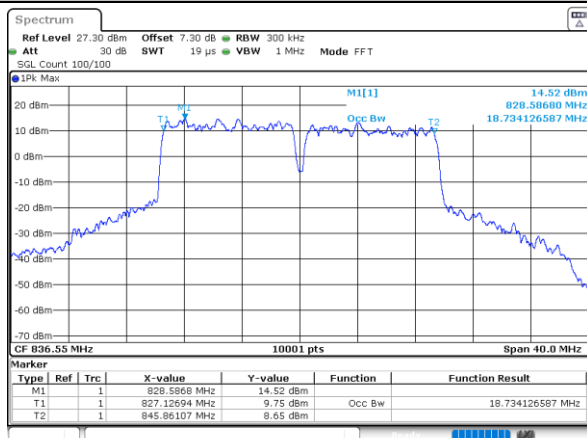
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

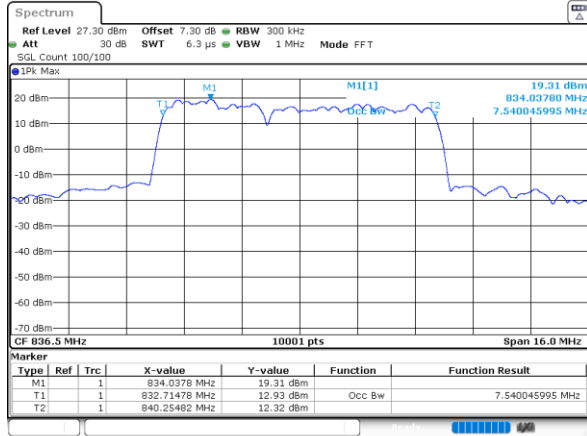


N/A

LTE Band 5B

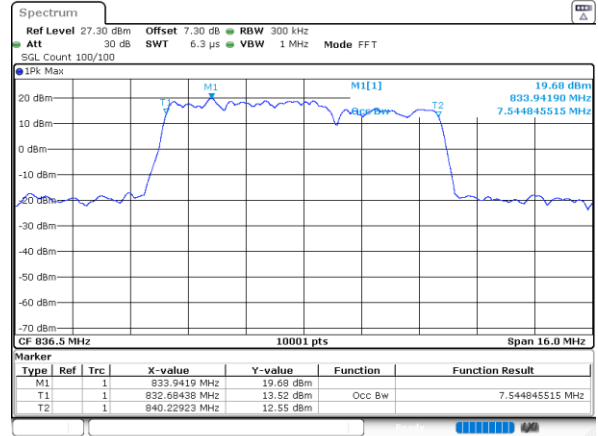
16QAM

Middle Channel / 3MHz+5MHz



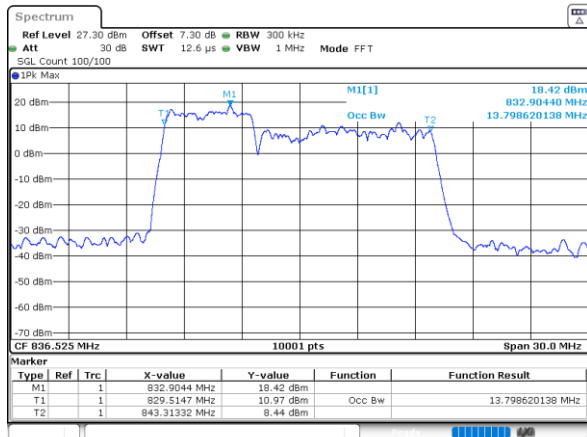
Date: 17.APR.2026 22:42:14

Middle Channel / 5MHz+3MHz



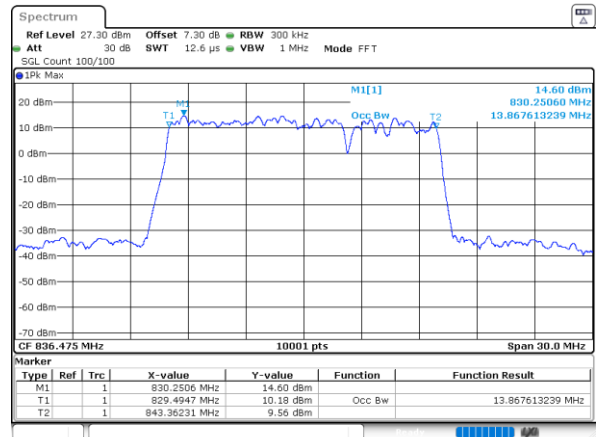
Date: 17.APR.2026 22:44:09

Middle Channel / 5MHz+10MHz



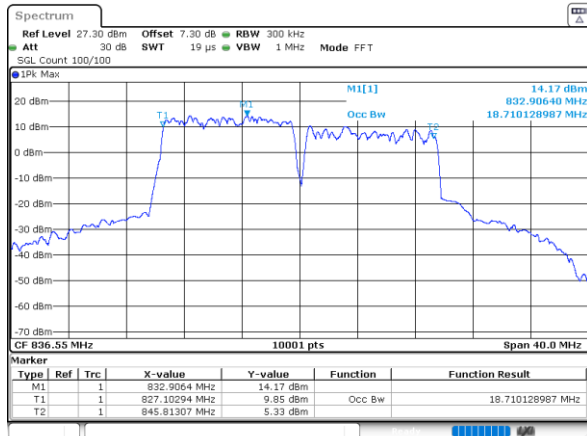
Date: 17.APR.2026 22:45:14

Middle Channel / 10MHz+5MHz



Date: 17.APR.2026 22:48:09

Middle Channel / 10MHz+10MHz



Date: 17.APR.2026 22:49:45

N/A

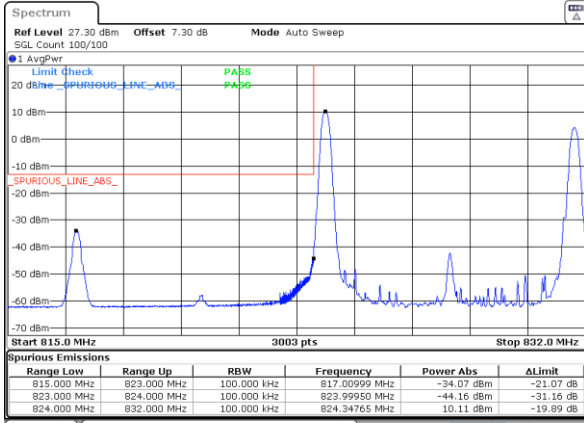


Conducted Band Edge

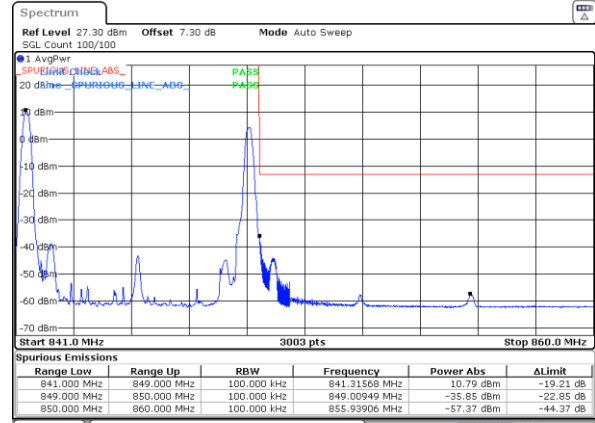
LTE Band 5B / 3MHz+5MHz

QPSK

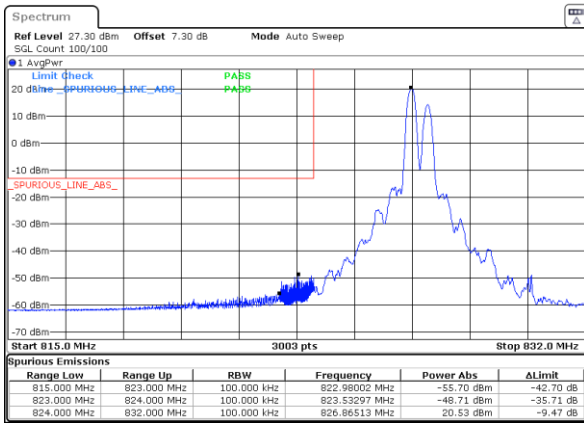
Lowest Band Edge / 1RB0 and 1RB24



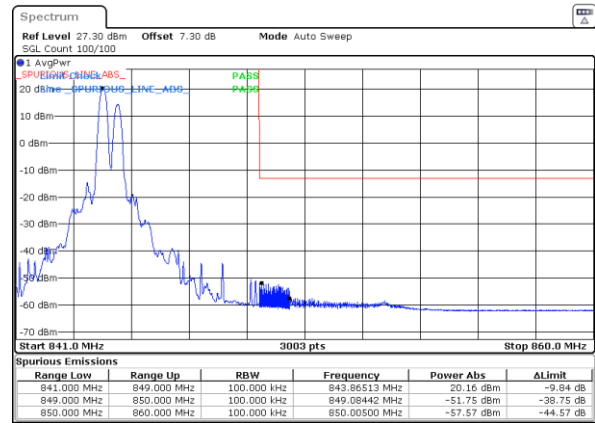
Highest Band Edge / 1RB0 and 1RB24



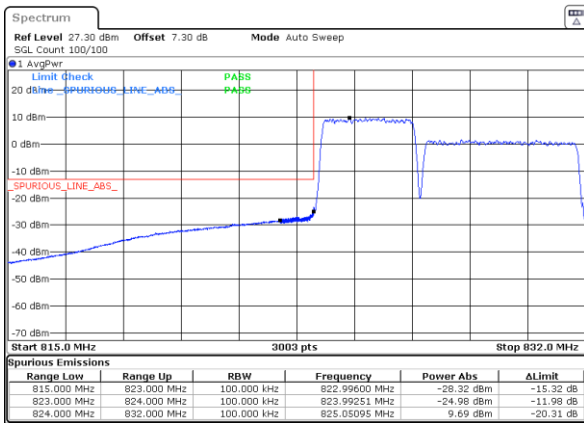
Lowest Band Edge / 1RB14 and 1RB0



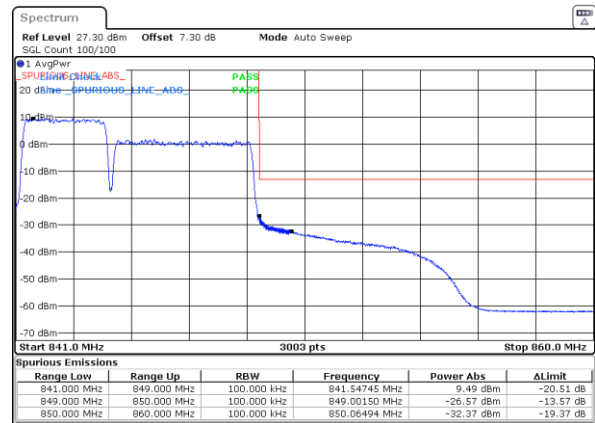
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

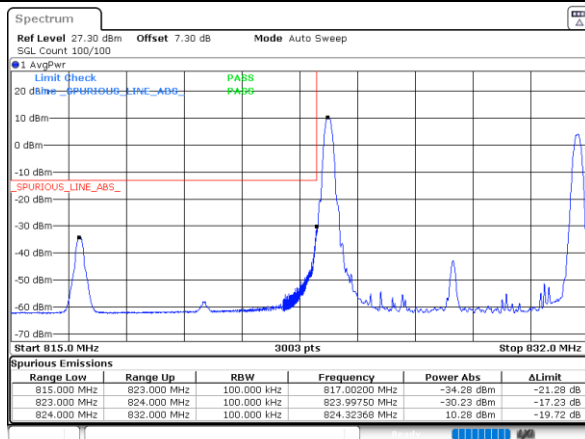




LTE Band 5B / 5MHz+3MHz

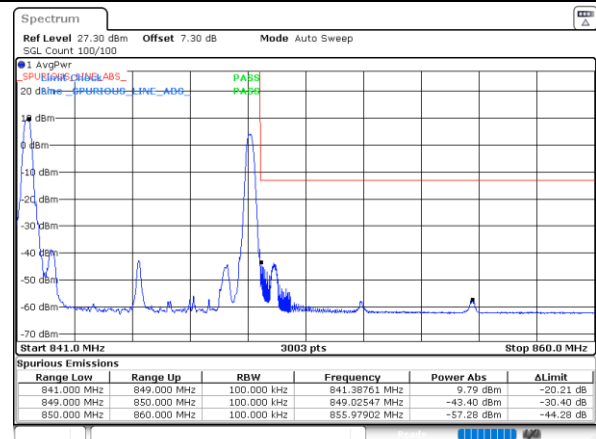
QPSK

Lowest Band Edge / 1RB0 and 1RB14



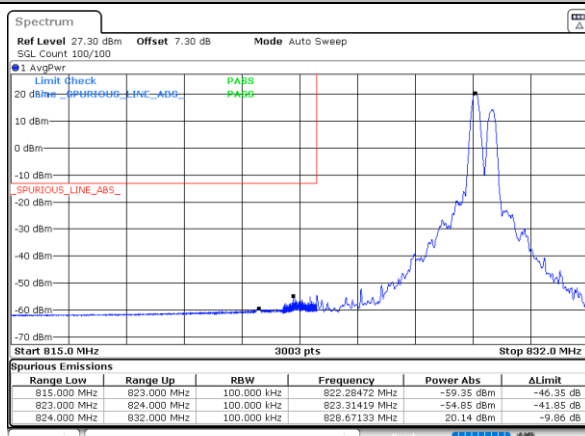
Date: 17.APR.2026 23:16:14

Highest Band Edge / 1RB0 and 1RB14



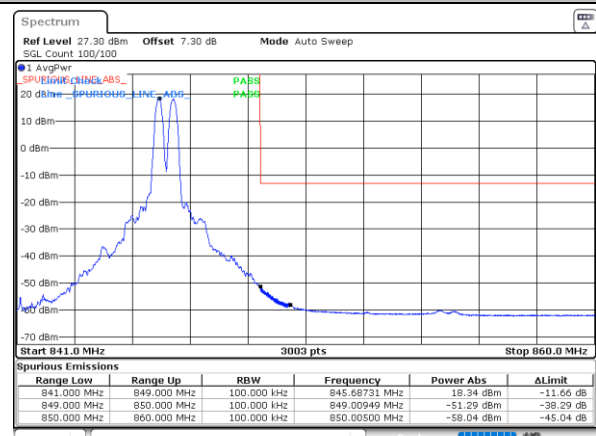
Date: 17.APR.2026 23:11:42

Lowest Band Edge / 1RB24 and 1RB0



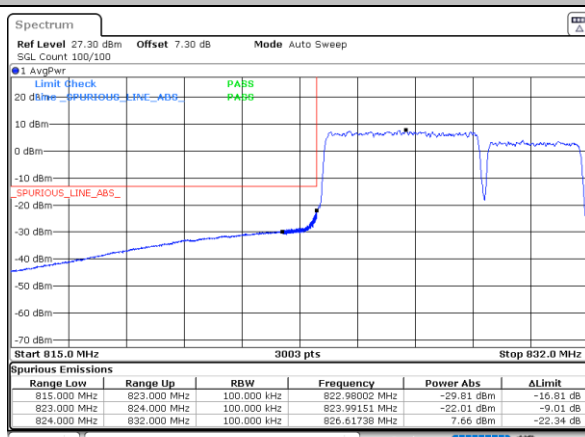
Date: 17.APR.2026 23:17:45

Highest Band Edge / 1RB24 and 1RB0



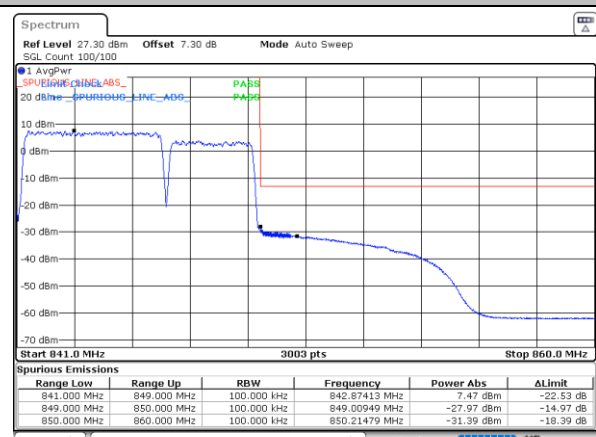
Date: 17.APR.2026 23:13:09

Lowest Band Edge / Full RB



Date: 17.APR.2026 23:14:44

Highest Band Edge / Full RB



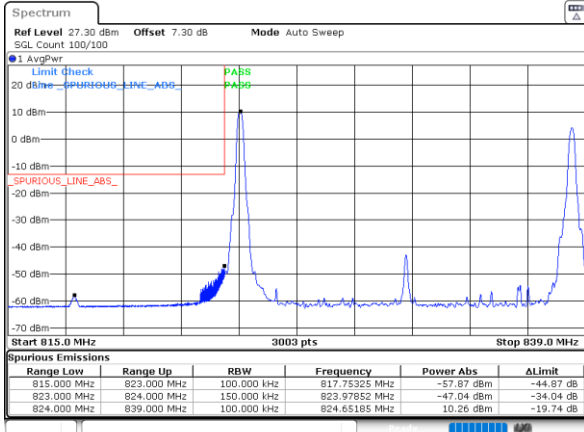
Date: 17.APR.2026 23:10:15



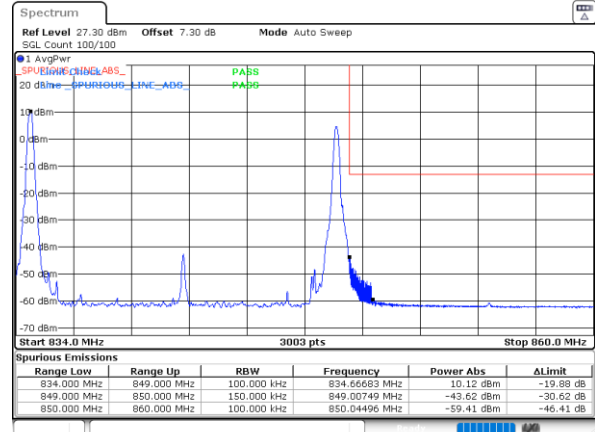
LTE Band 5B / 5MHz+10MHz

QPSK

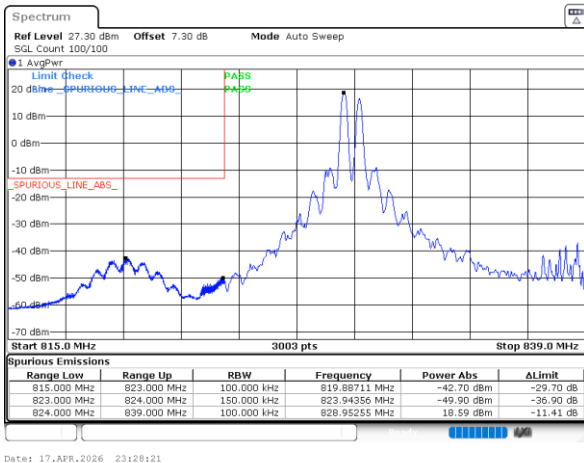
Lowest Band Edge / 1RB0 and 1RB49



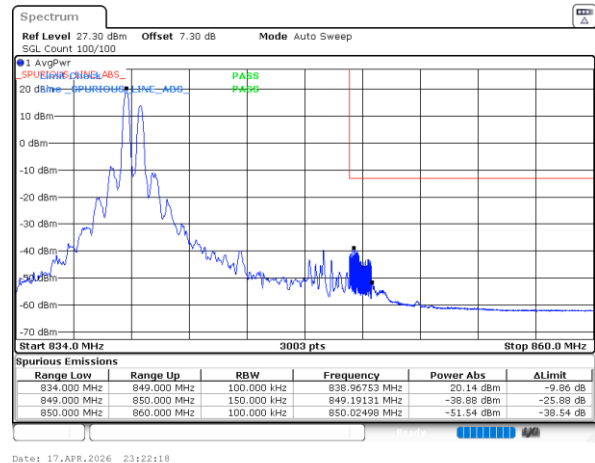
Highest Band Edge / 1RB0 and 1RB49



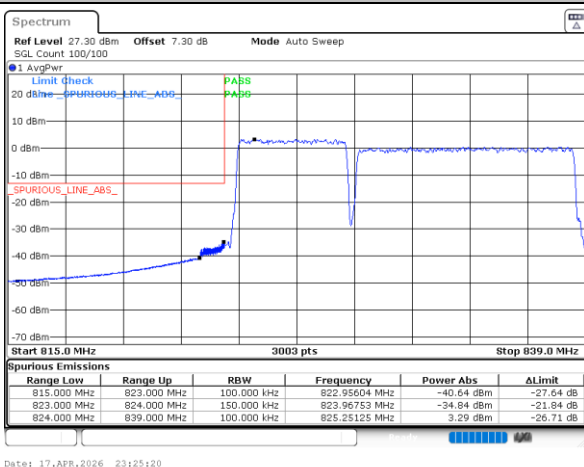
Lowest Band Edge / 1RB24 and 1RB0



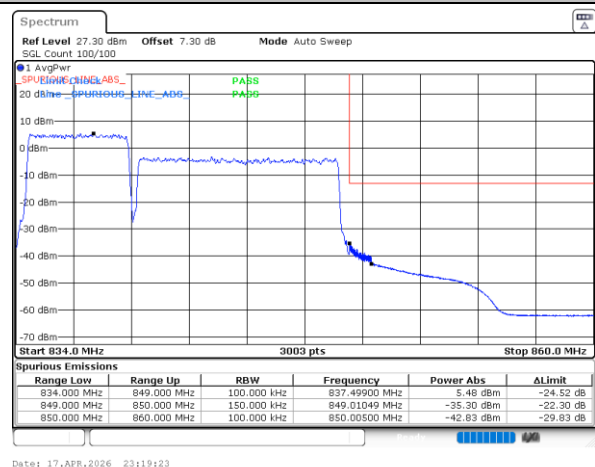
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

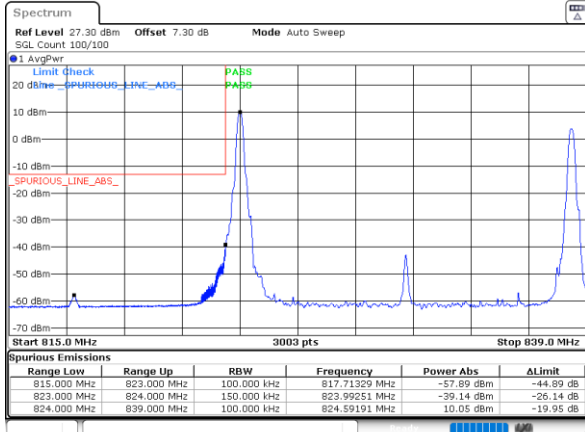




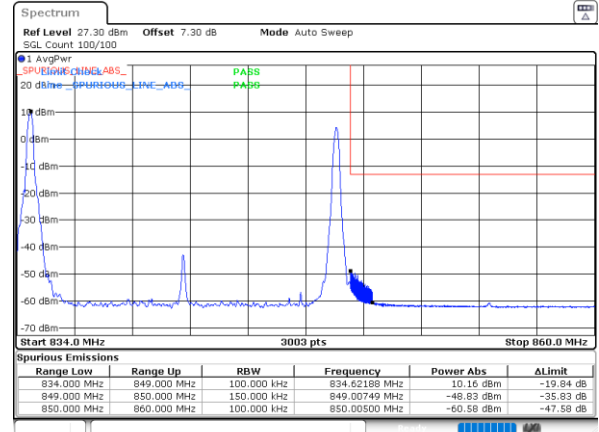
LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24



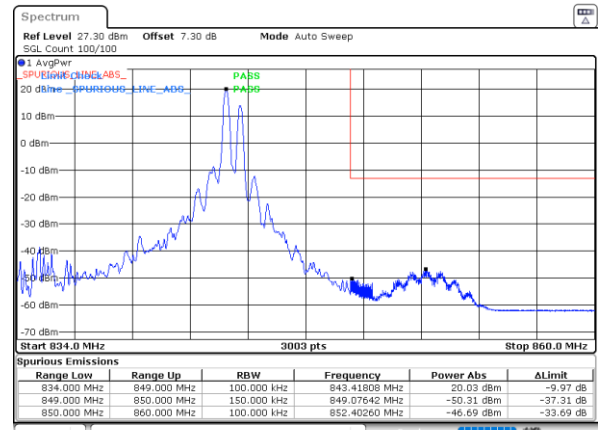
Highest Band Edge / 1RB0 and 1RB24



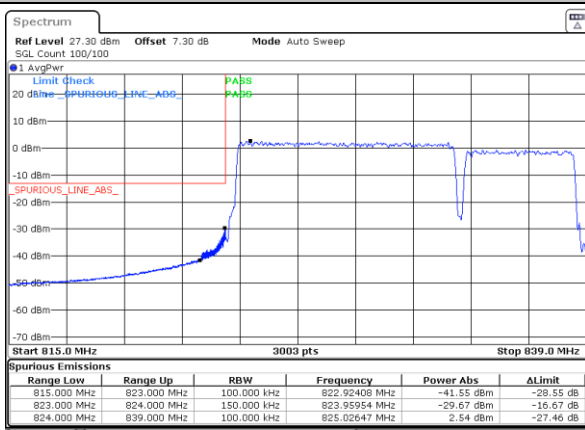
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

