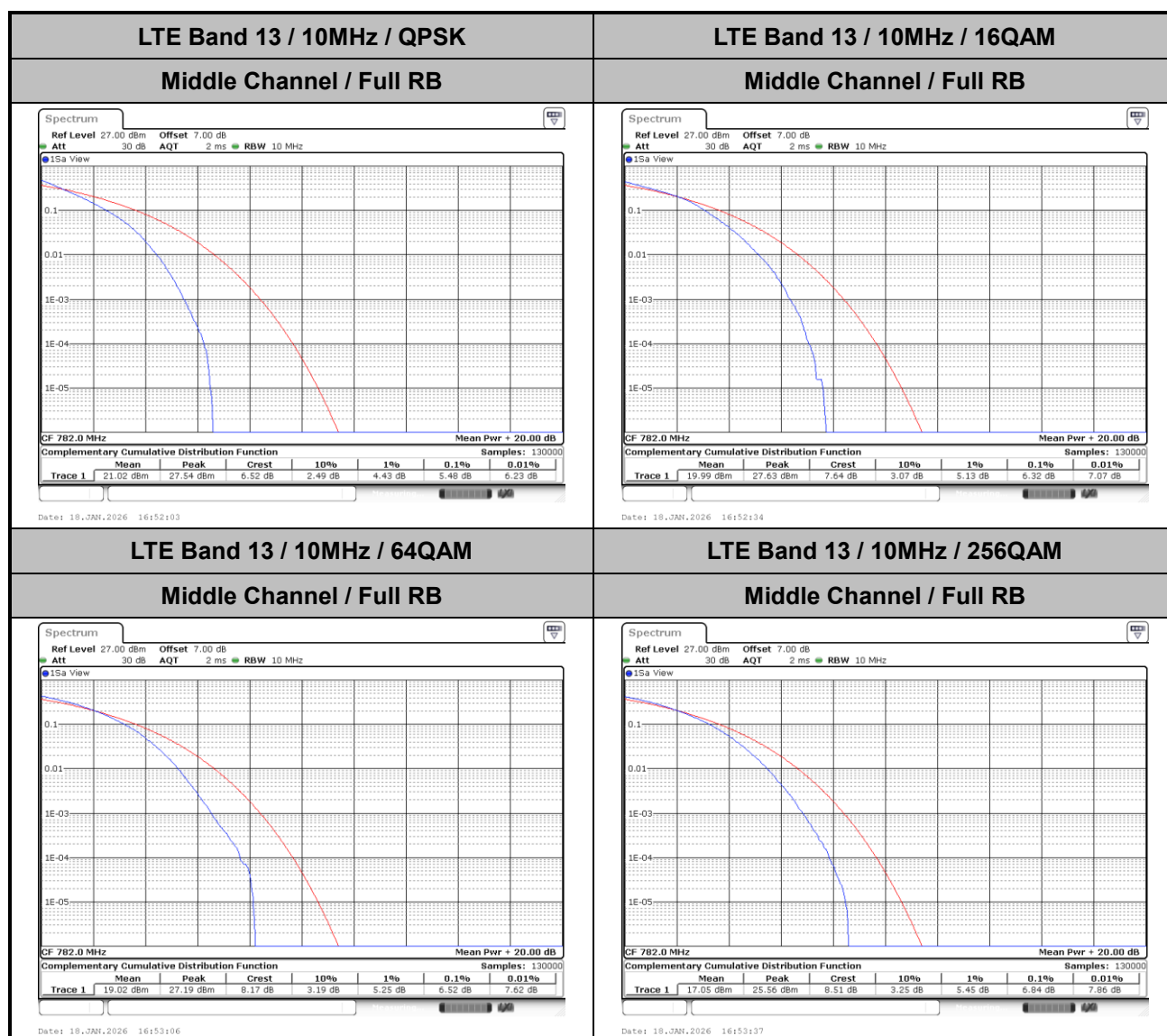




LTE Band 13

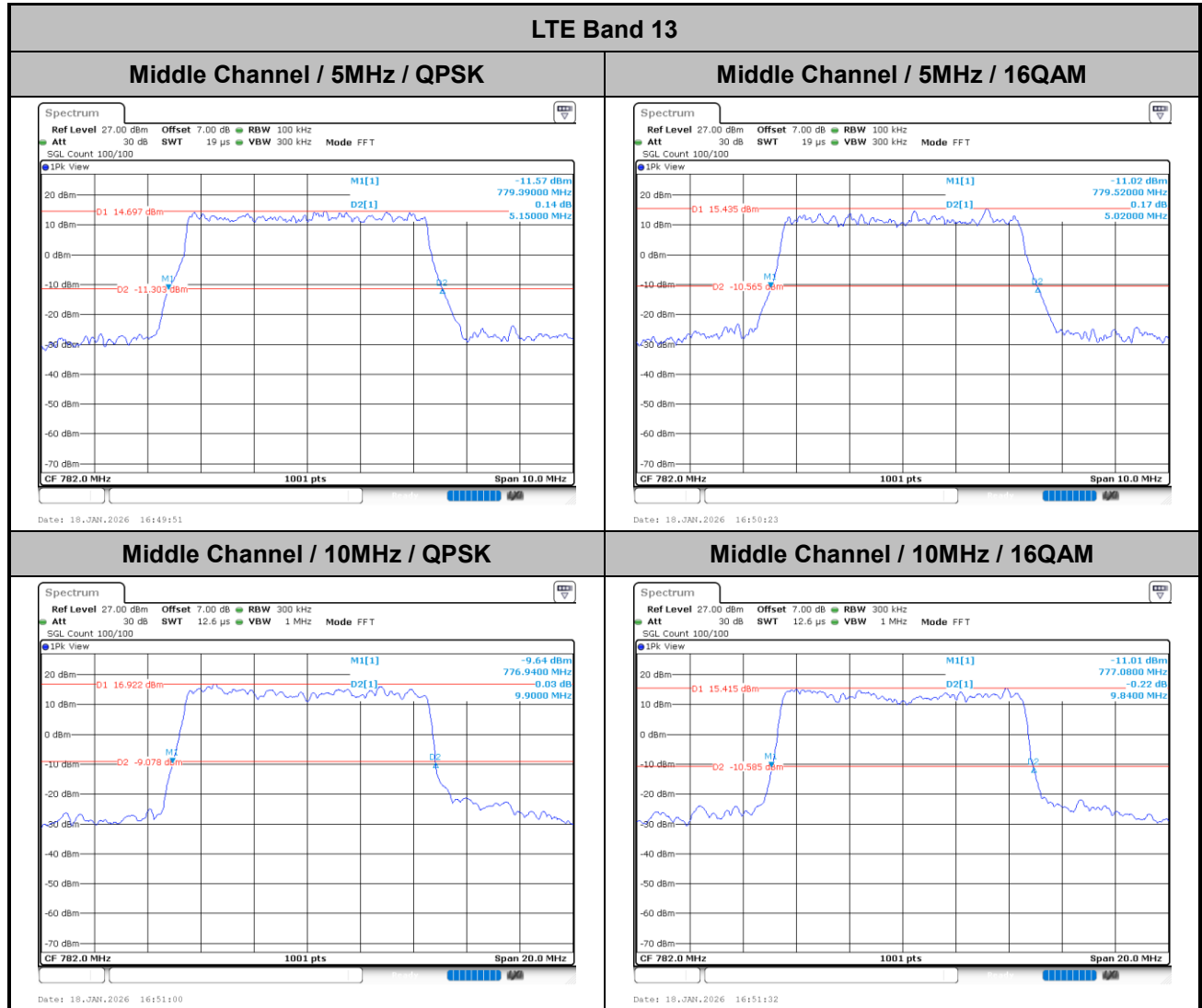
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.48	6.32	6.52	6.84	PASS



**26dB Bandwidth**

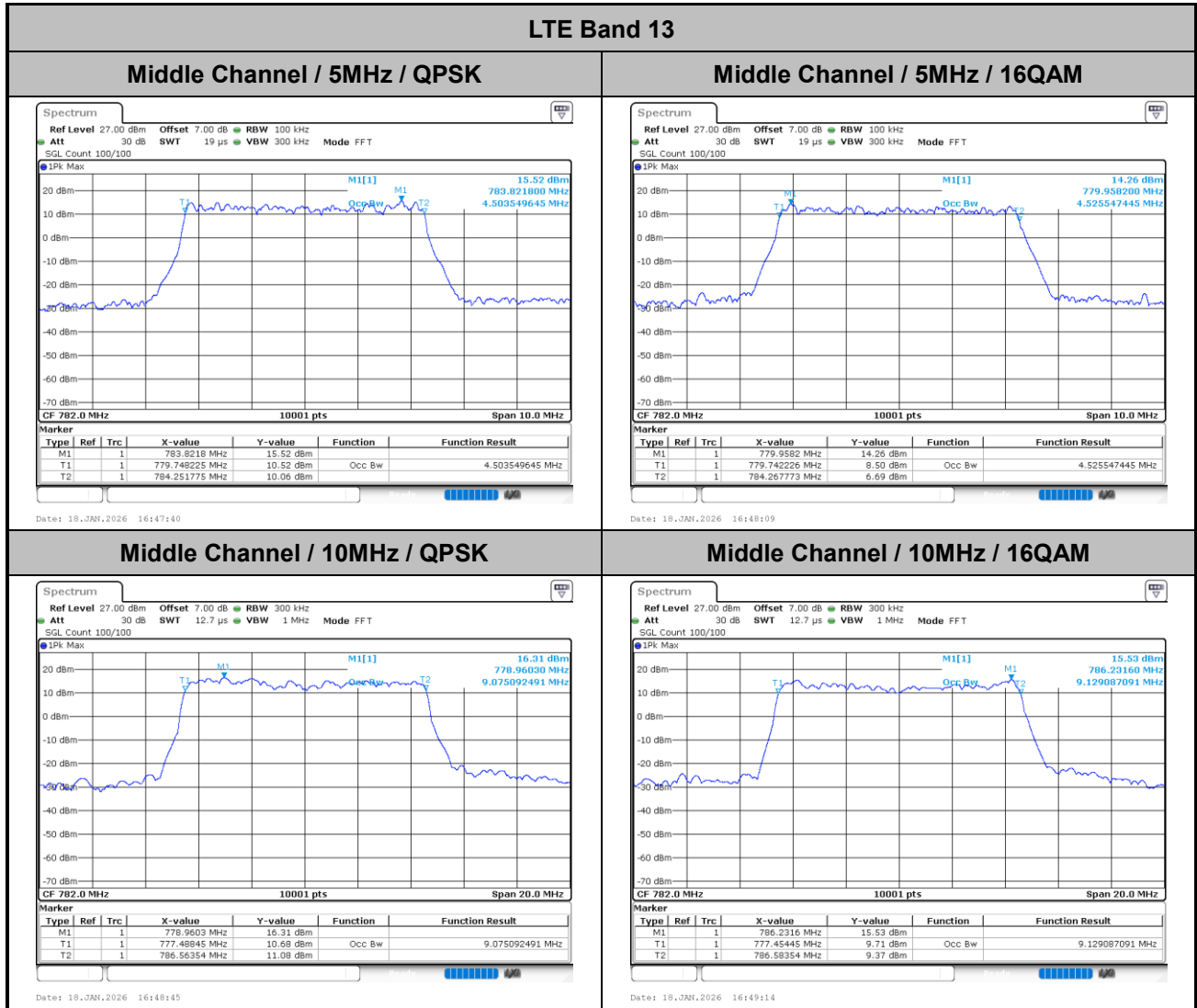
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.15	5.02	9.90	9.84	-	-	-	-

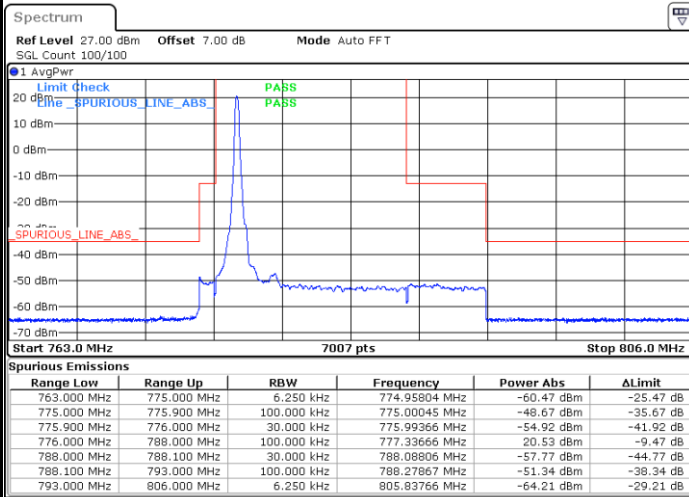
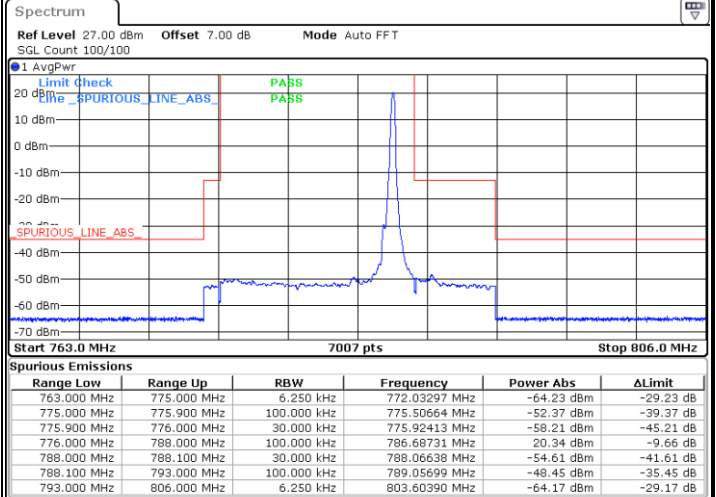
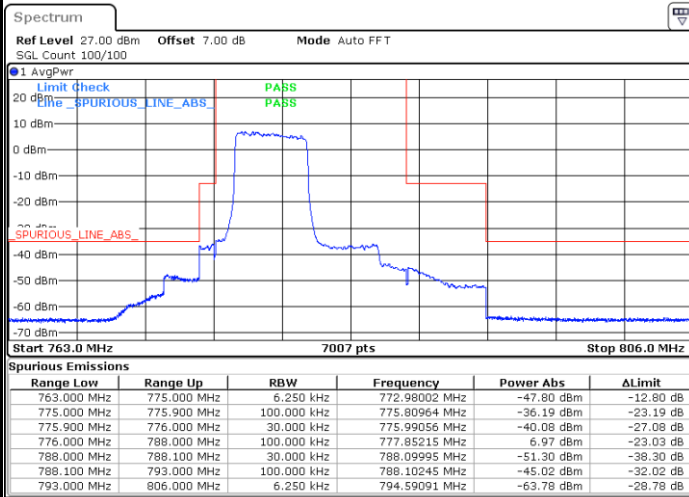
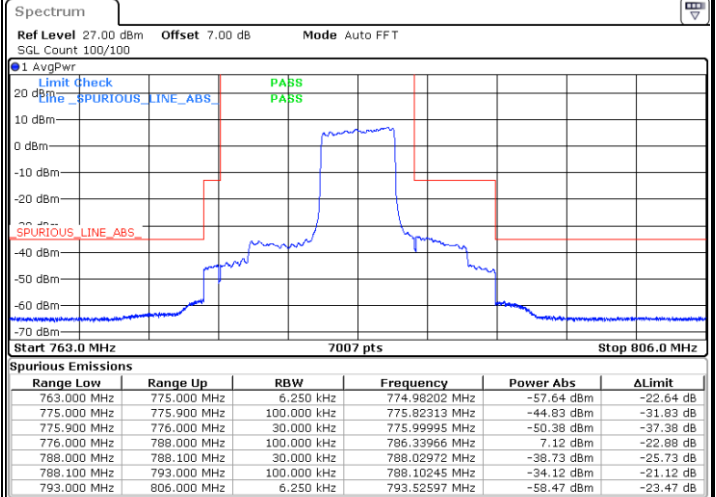


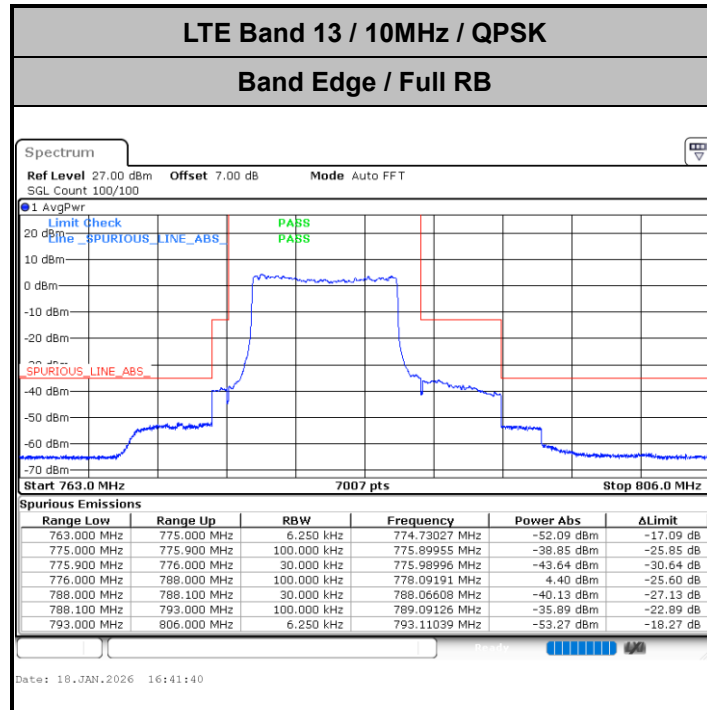


Occupied Bandwidth

Mode	LTE Band 13 : 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	4.52	9.07	9.12	-	-	-	-



**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

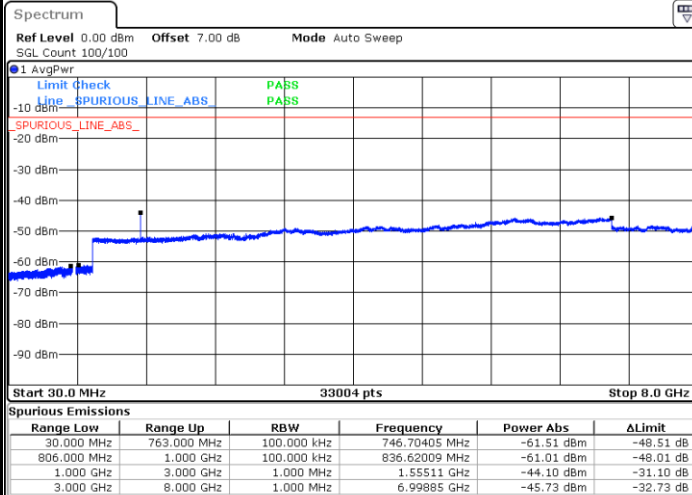




Conducted Spurious Emission

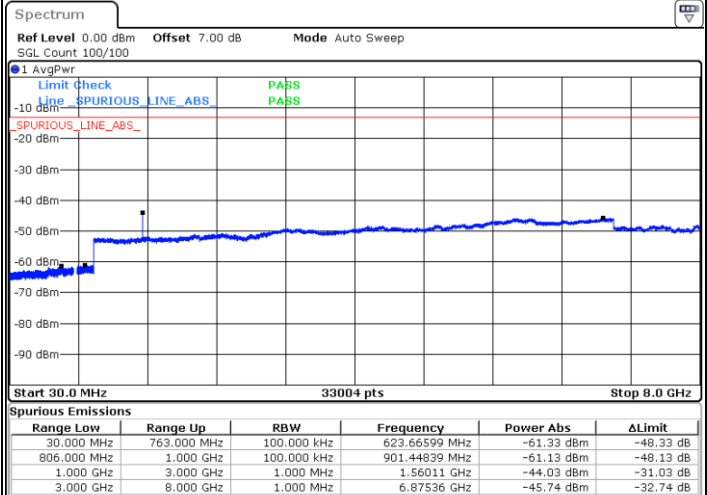
LTE Band 13 / 5MHz

Lowest Channel / QPSK



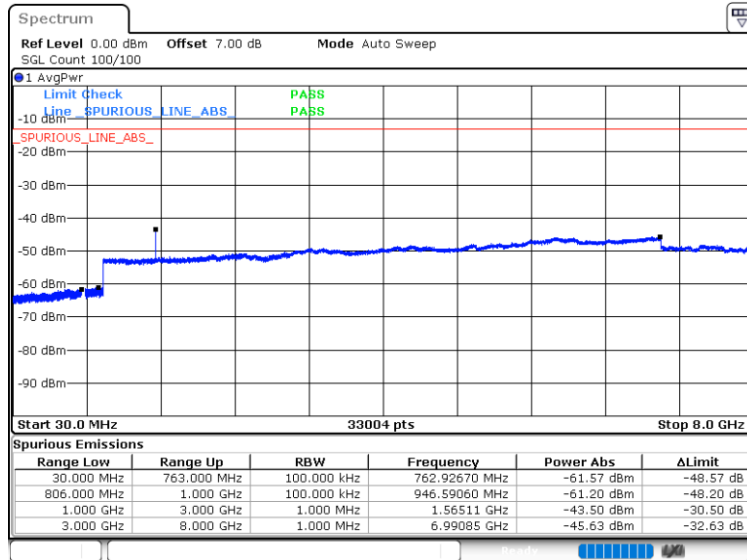
Date: 18.JAN.2026 16:43:03

Middle Channel / QPSK



Date: 18.JAN.2026 16:44:22

Highest Channel / QPSK

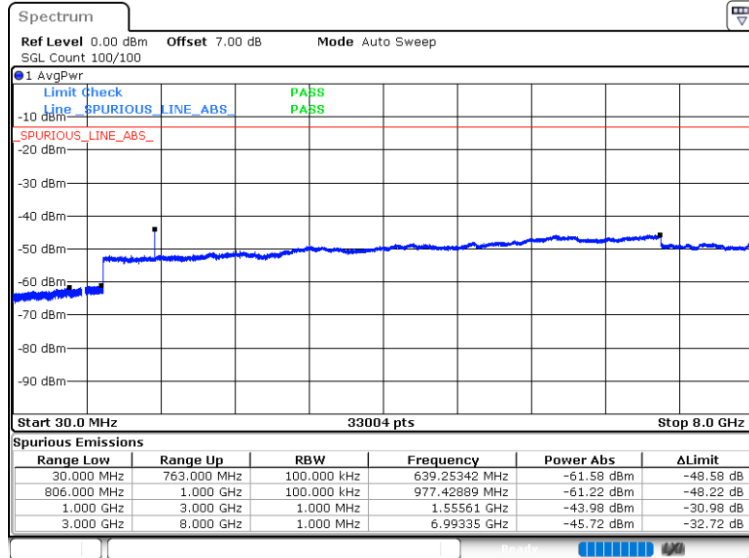


Date: 18.JAN.2026 16:45:40



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 18.JAN.2026 16:47:03

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0060	-4.7	Yes	PASS
40	Normal Voltage	0.0005	0.4	Yes	
30	Normal Voltage	0.0032	2.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0193	-15.1	Yes	
0	Normal Voltage	0.0006	-0.5	Yes	
-10	Normal Voltage	0.0151	-11.8	Yes	
-20	Normal Voltage	0.0081	-6.3	Yes	
-30	Normal Voltage	0.0037	-2.9	Yes	
20	Maximum Voltage	0.0079	-6.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0128	-10	Yes	

Note:

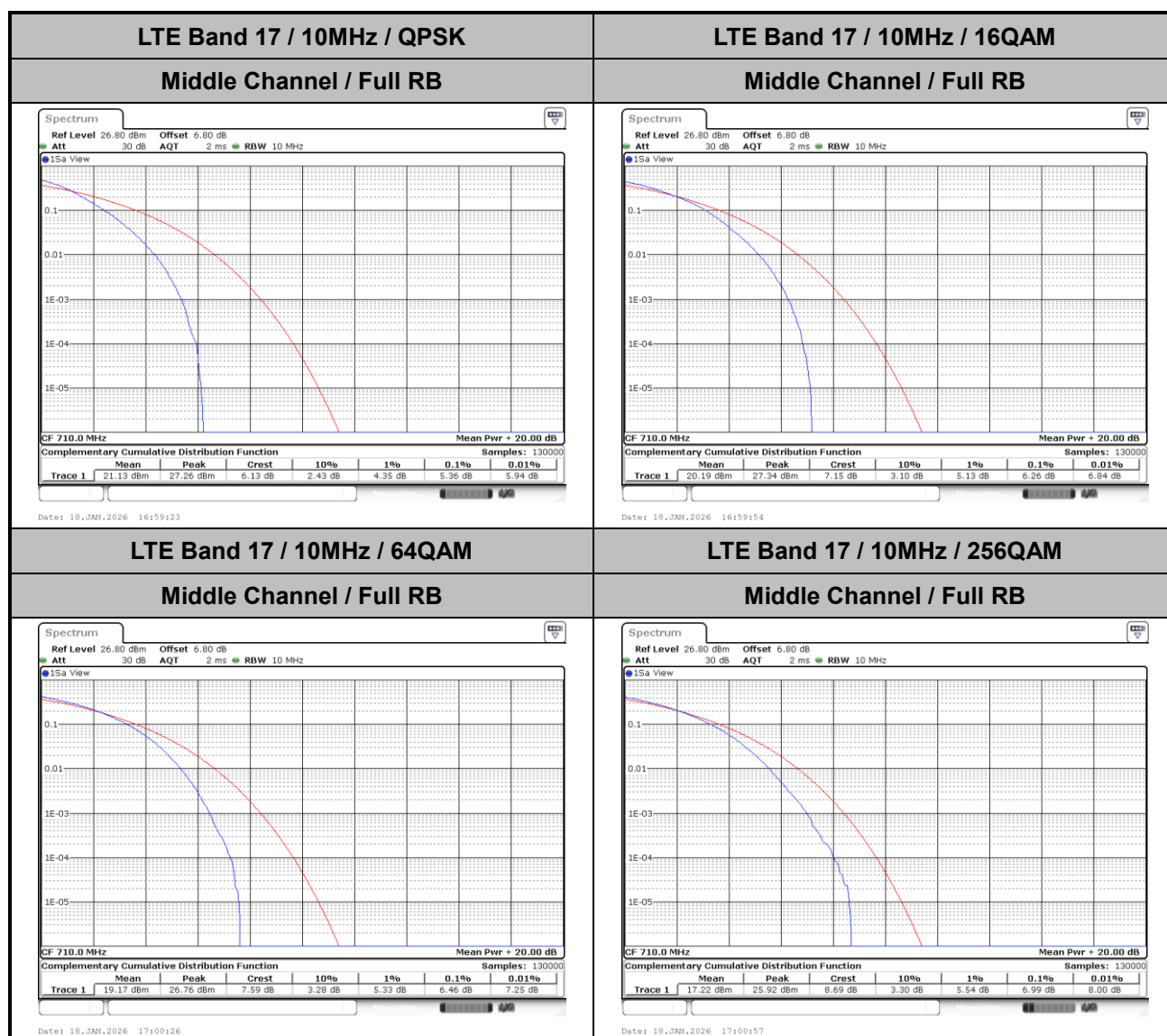
1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.65 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 17

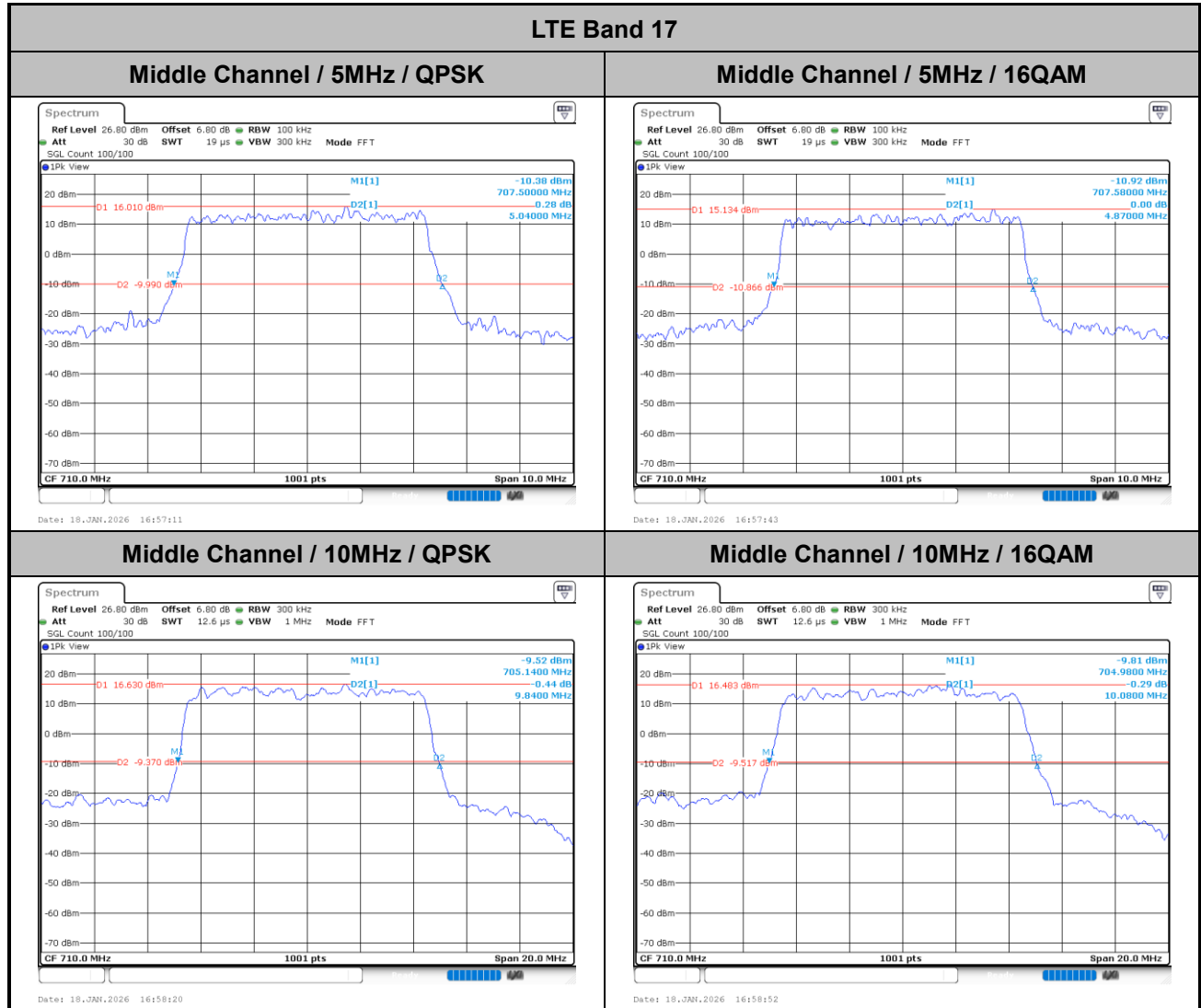
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.36	6.26	6.46	6.99	PASS



**26dB Bandwidth**

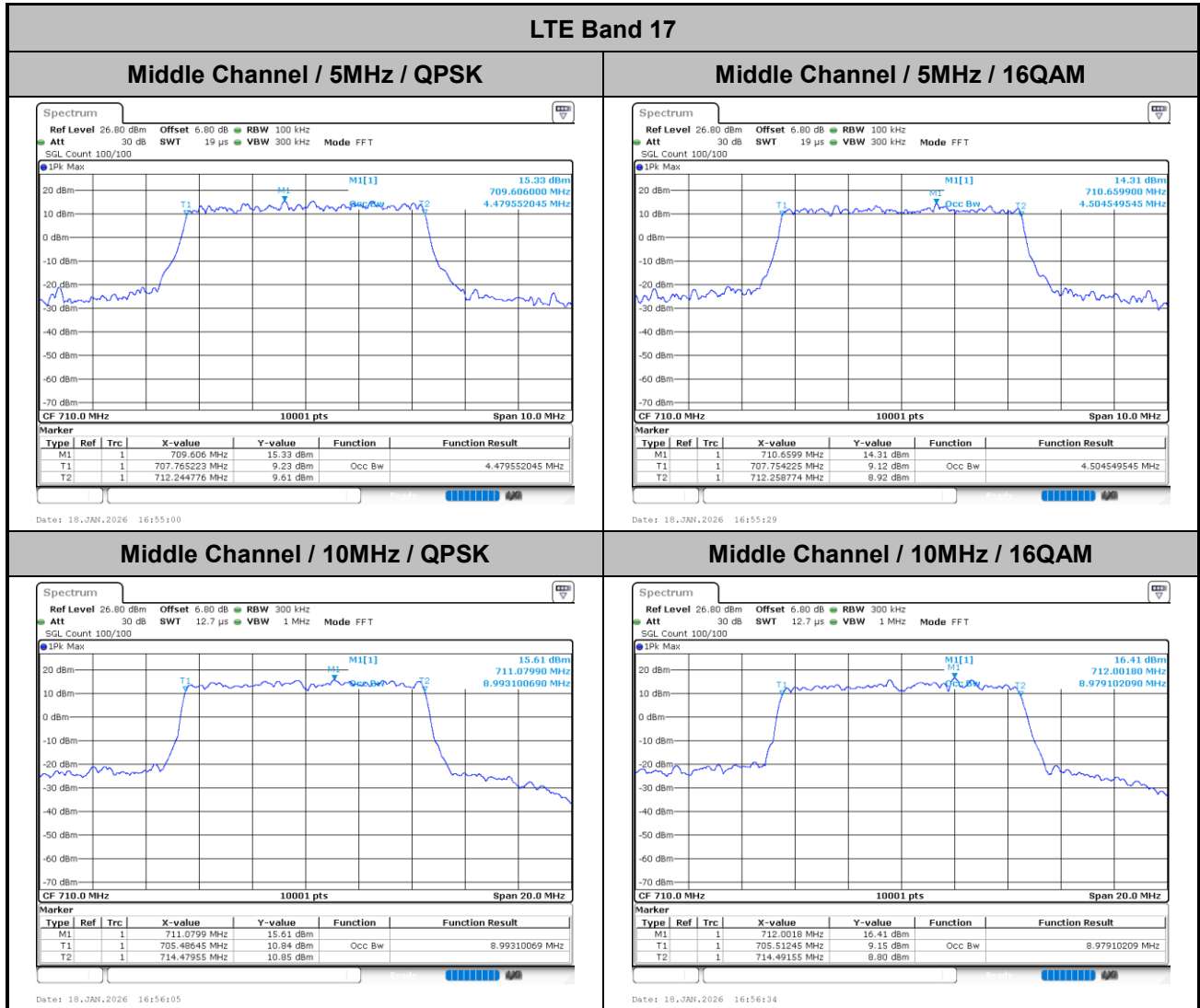
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.04	4.87	9.84	10.08	-	-	-	-





Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.47	4.50	8.99	8.97	-	-	-	-



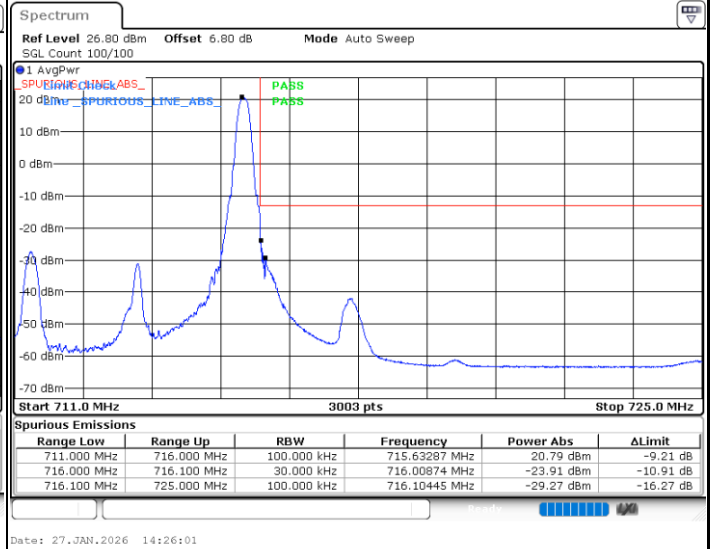
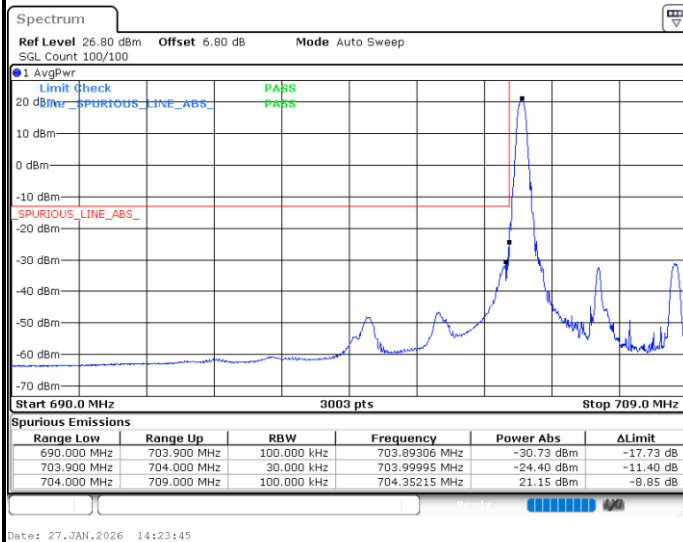


Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

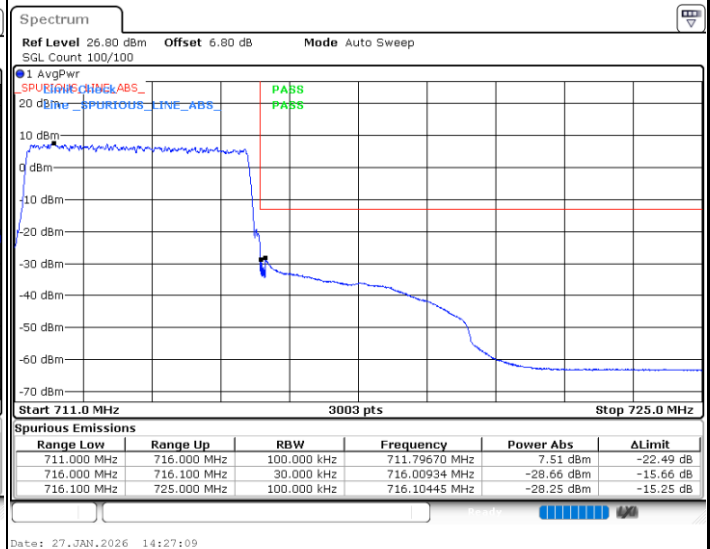
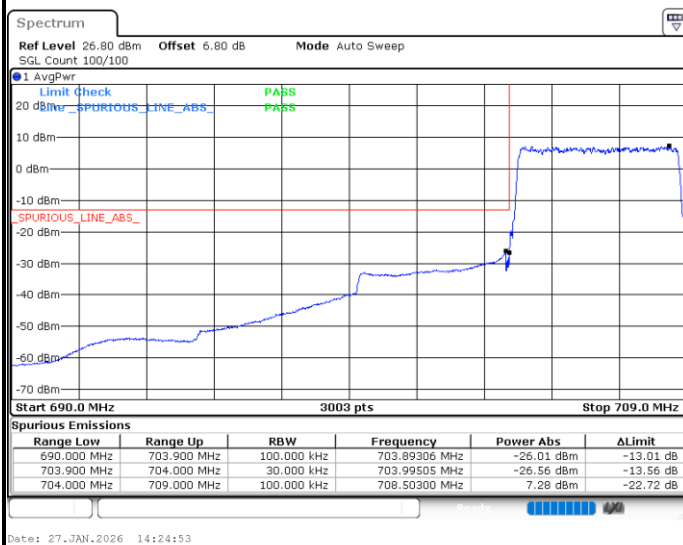
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

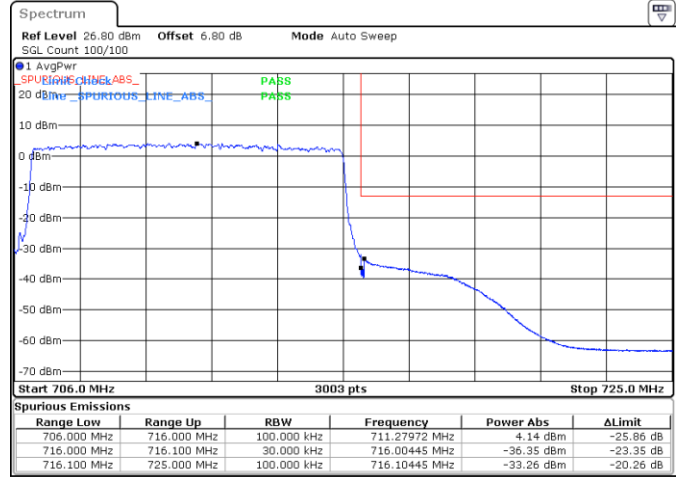
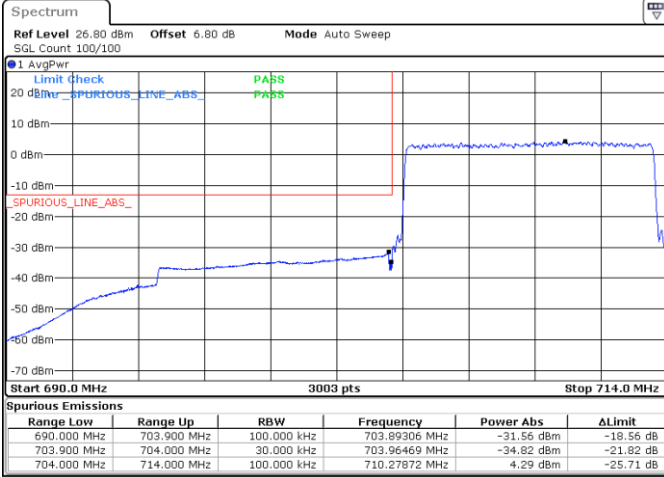




LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

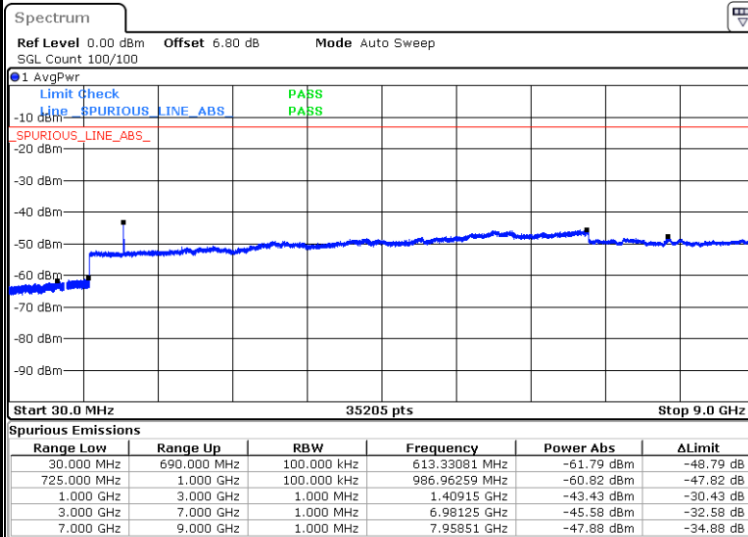




Conducted Spurious Emission

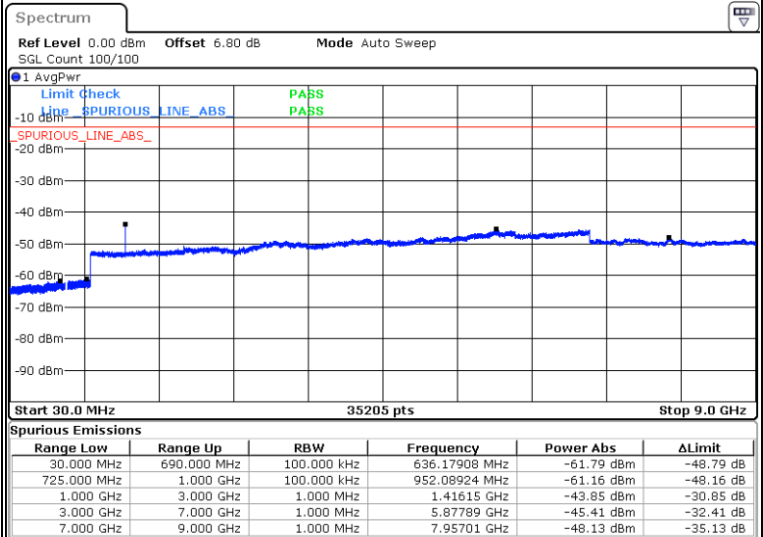
LTE Band 17 / 5MHz

Lowest Channel / QPSK



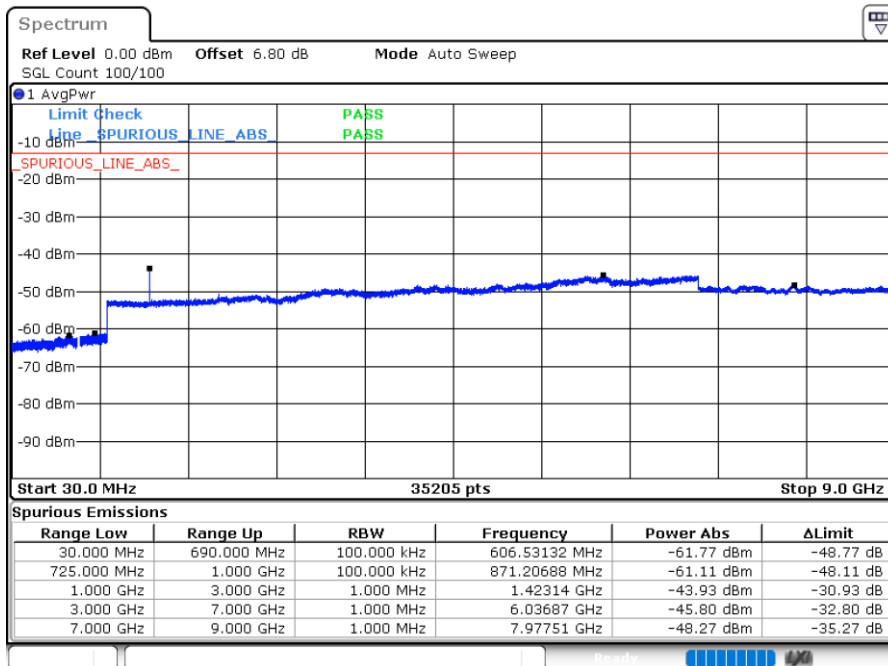
Date: 18.JAN.2026 17:07:21

Middle Channel / QPSK



Date: 18.JAN.2026 17:08:39

Highest Channel / QPSK

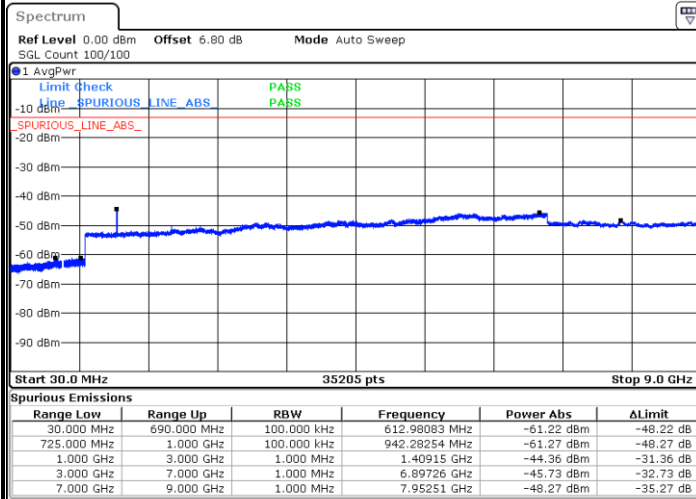


Date: 18.JAN.2026 17:09:58



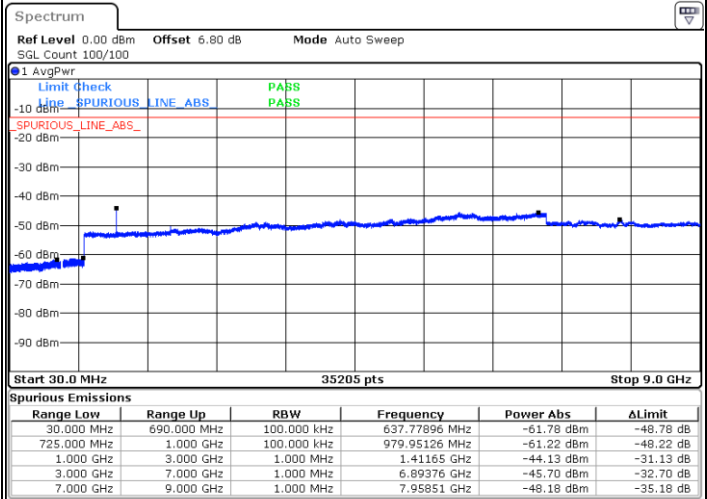
LTE Band 17 / 10MHz

Lowest Channel / QPSK



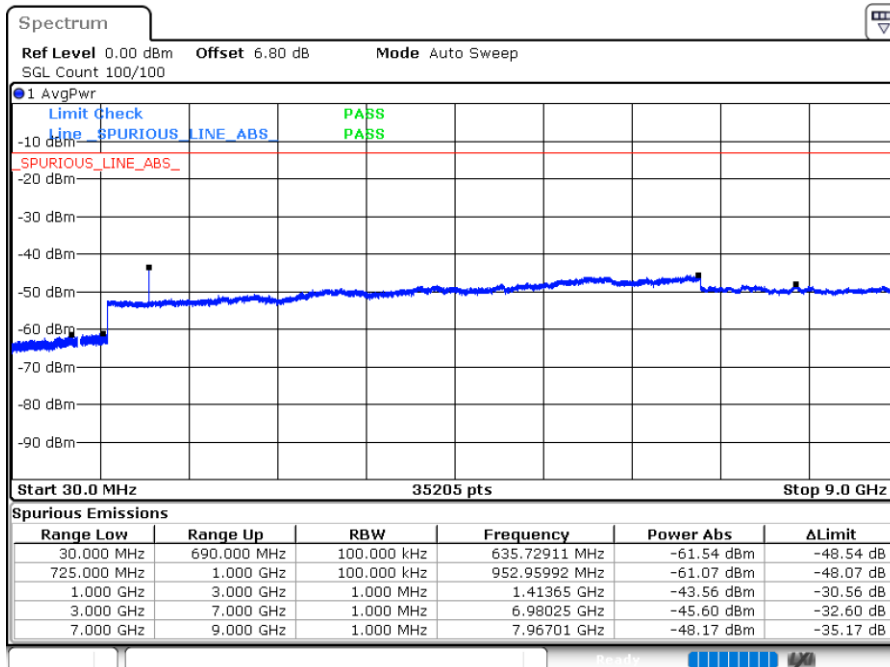
Date: 18.JAN.2026 17:11:21

Middle Channel / QPSK



Date: 18.JAN.2026 17:12:40

Highest Channel / QPSK



Date: 18 JAN 2026 17:13:58

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0176	-12.5	Yes	PASS
40	Normal Voltage	0.0108	-7.7	Yes	
30	Normal Voltage	0.0069	4.9	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0076	-5.4	Yes	
0	Normal Voltage	0.0006	-0.4	Yes	
-10	Normal Voltage	0.0169	-12	Yes	
-20	Normal Voltage	0.0018	1.3	Yes	
-30	Normal Voltage	0.0144	-10.2	Yes	
20	Maximum Voltage	0.0194	-13.8	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0197	-14	Yes	

Note:

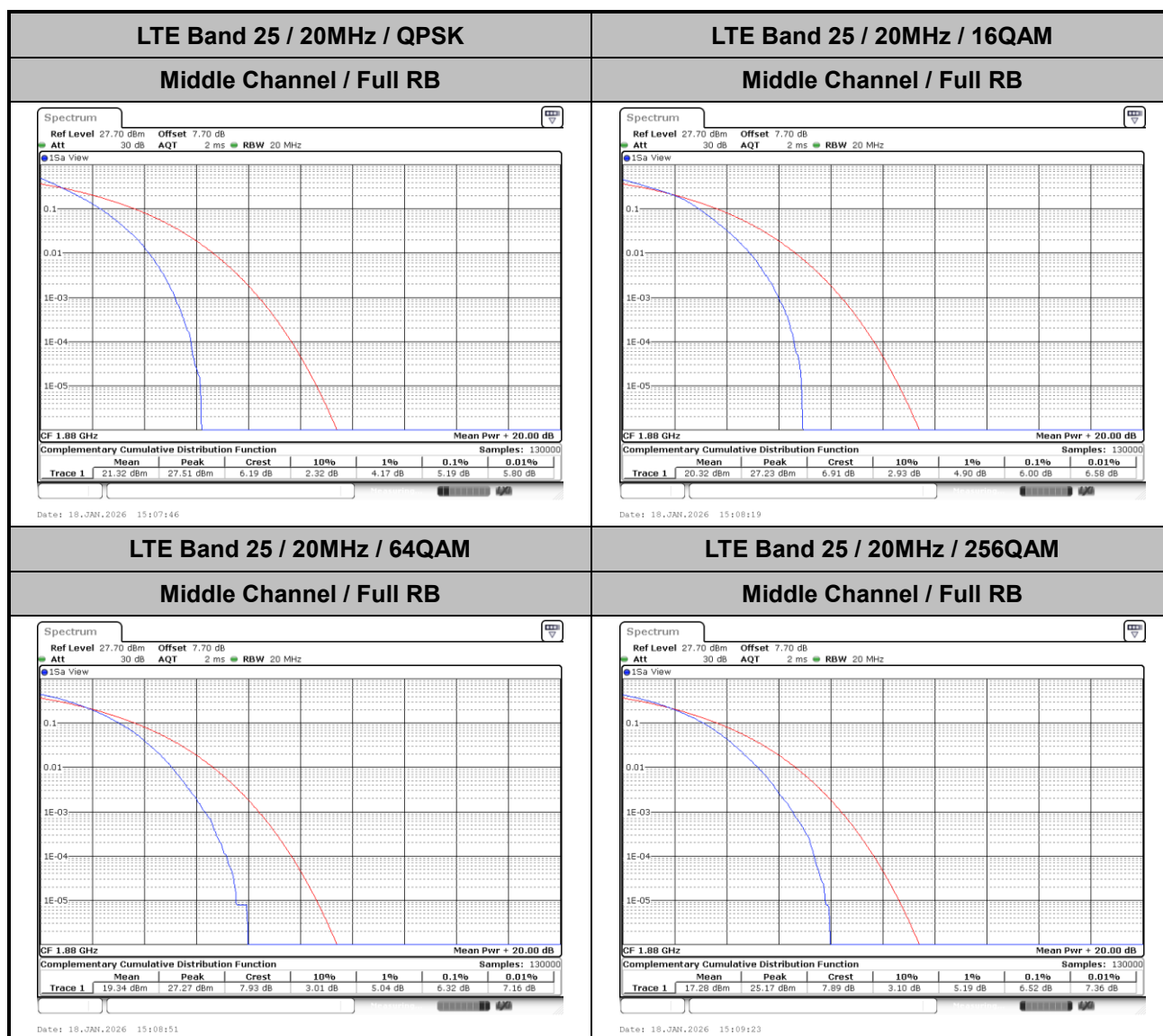
1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.65 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.00	6.32	6.52	PASS





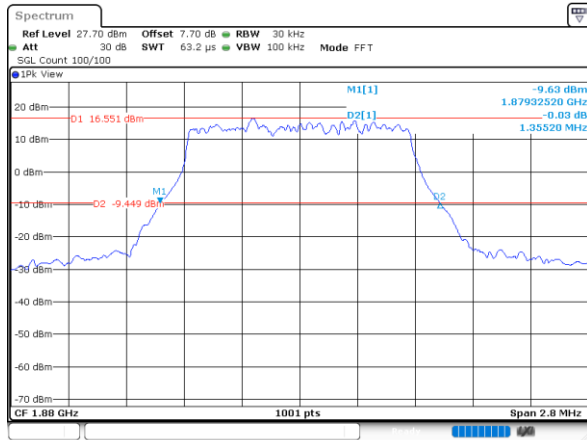
26dB Bandwidth

Mode	LTE Band 25 : 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	1.35	1.27	3.07	3.08	4.82	4.97	9.86	9.84	14.67	14.40	19.04	19.28

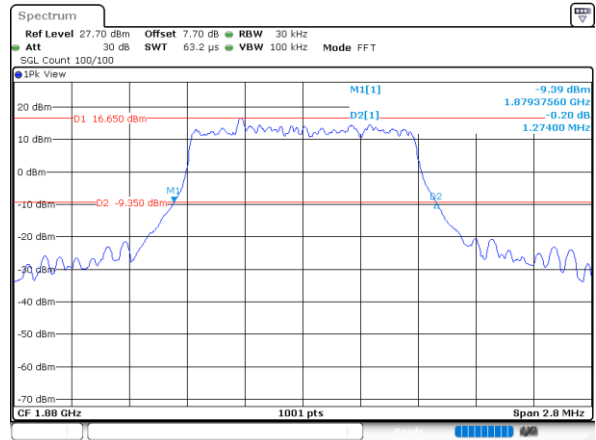


LTE Band 25

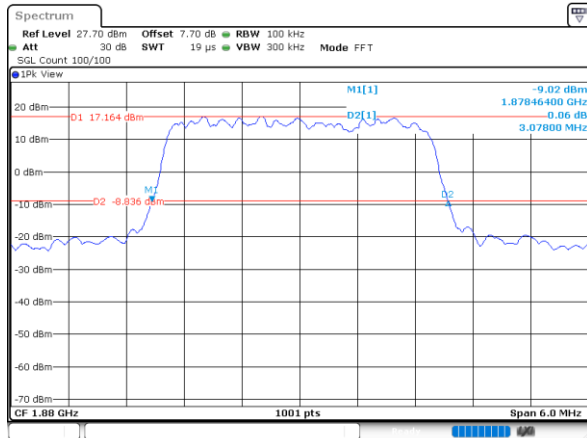
Middle Channel / 1.4MHz / QPSK



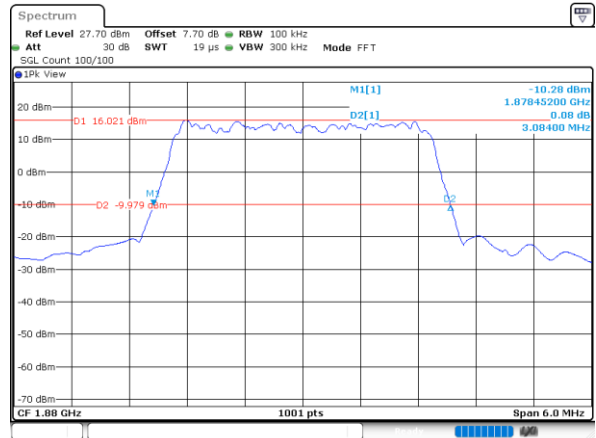
Middle Channel / 1.4MHz / 16QAM



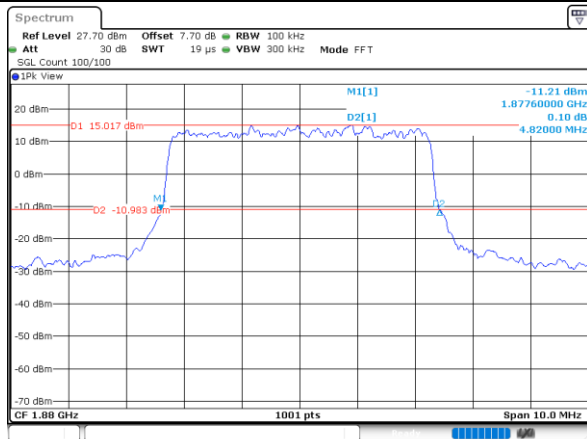
Middle Channel / 3MHz / QPSK



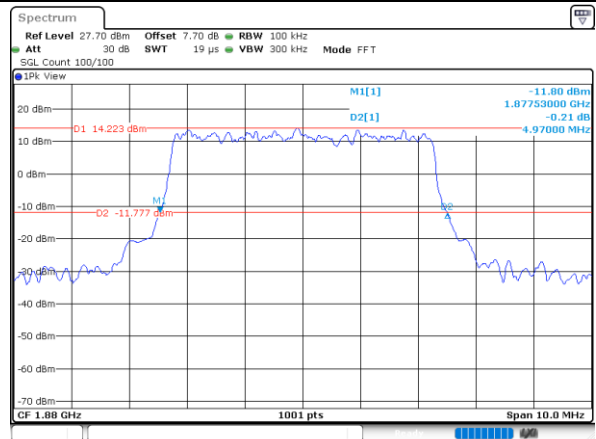
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



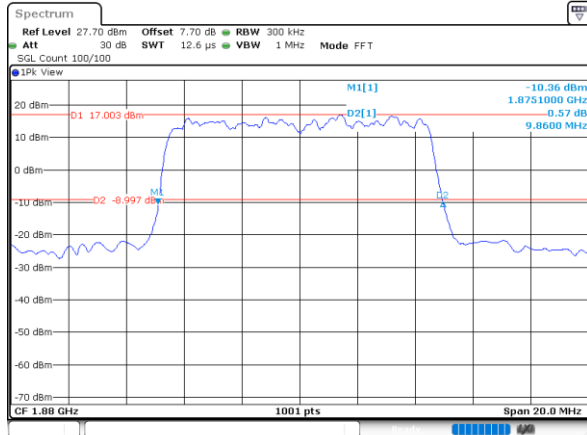
Middle Channel / 5MHz / 16QAM





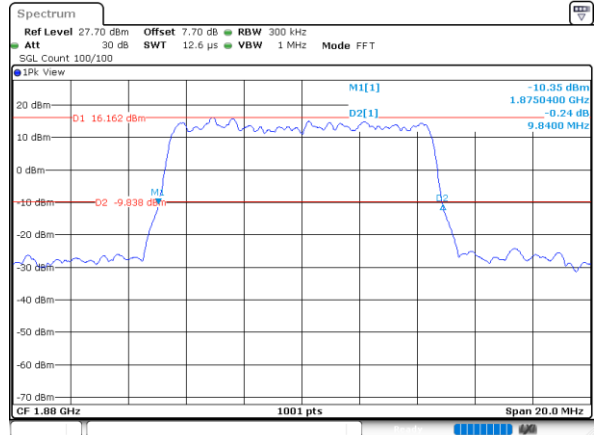
LTE Band 25

Middle Channel / 10MHz / QPSK



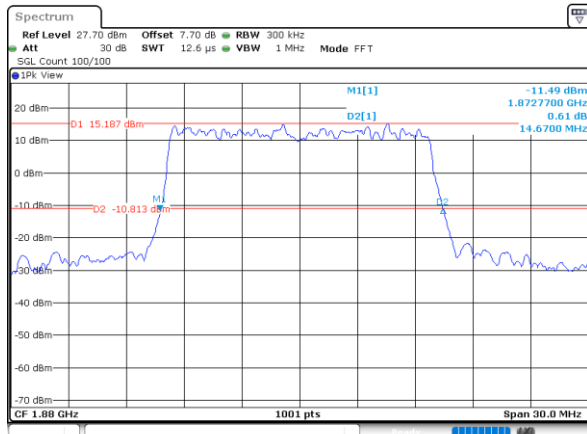
Date: 18.JAN.2026 15:04:20

Middle Channel / 10MHz / 16QAM



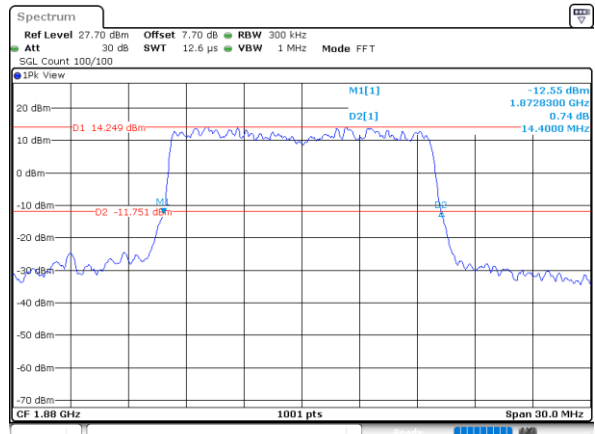
Date: 18.JAN.2026 15:04:52

Middle Channel / 15MHz / QPSK



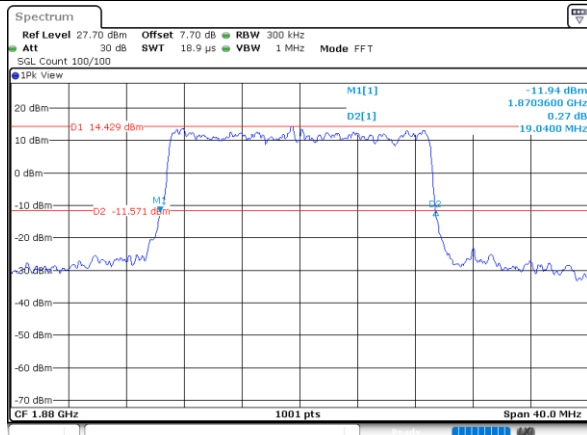
Date: 18.JAN.2026 15:05:29

Middle Channel / 15MHz / 16QAM



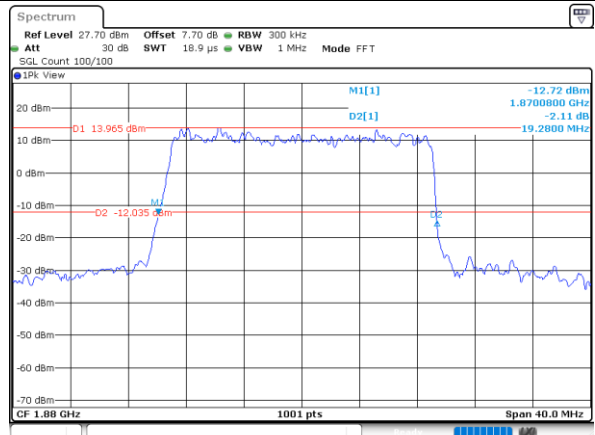
Date: 18.JAN.2026 15:06:01

Middle Channel / 20MHz / QPSK



Date: 18.JAN.2026 15:06:39

Middle Channel / 20MHz / 16QAM



Date: 18.JAN.2026 15:07:14



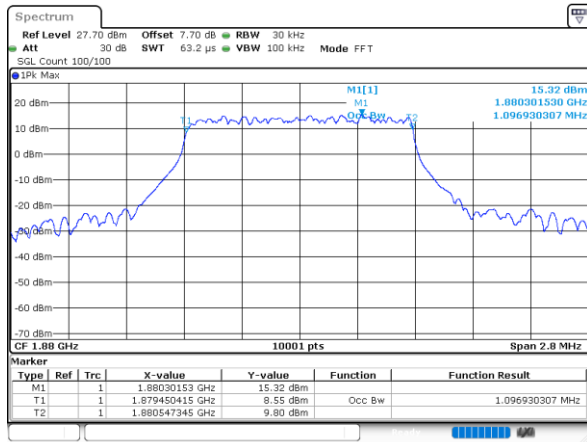
Occupied Bandwidth

Mode	LTE Band 25 : 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	2.71	4.52	4.55	9.10	8.99	13.46	13.42	17.90	17.93

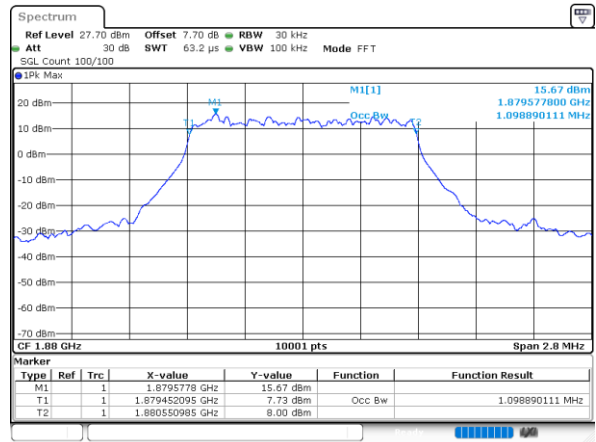


LTE Band 25

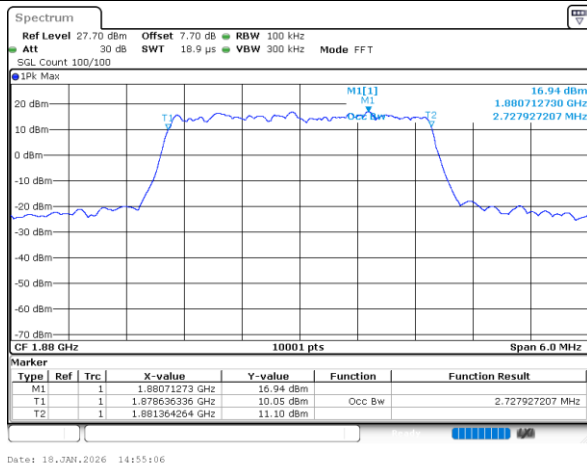
Middle Channel / 1.4MHz / QPSK



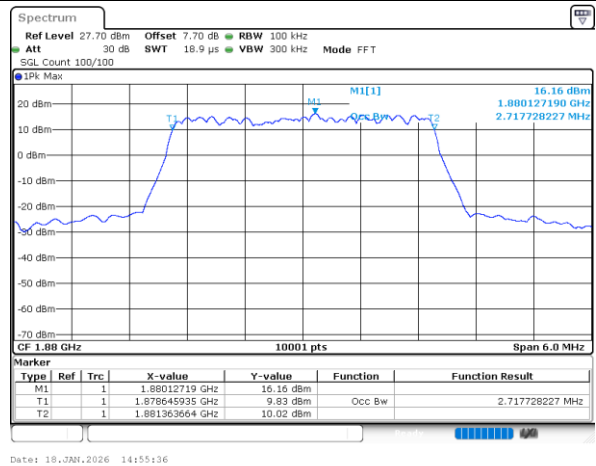
Middle Channel / 1.4MHz / 16QAM



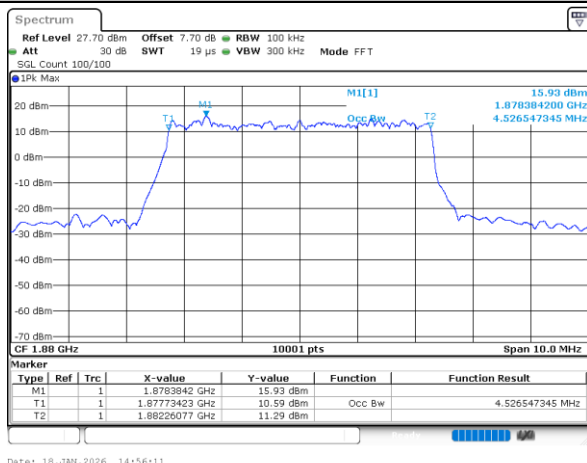
Middle Channel / 3MHz / QPSK



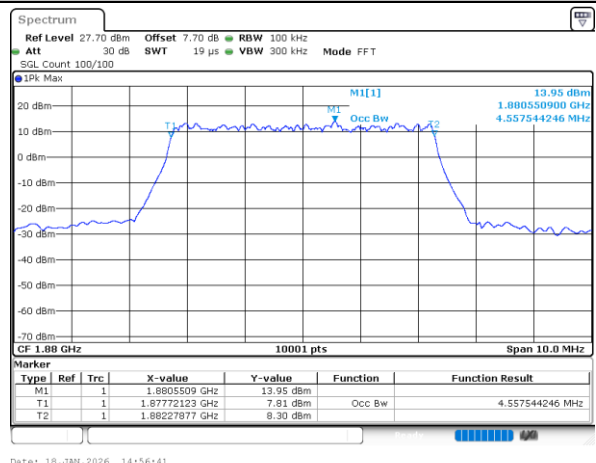
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



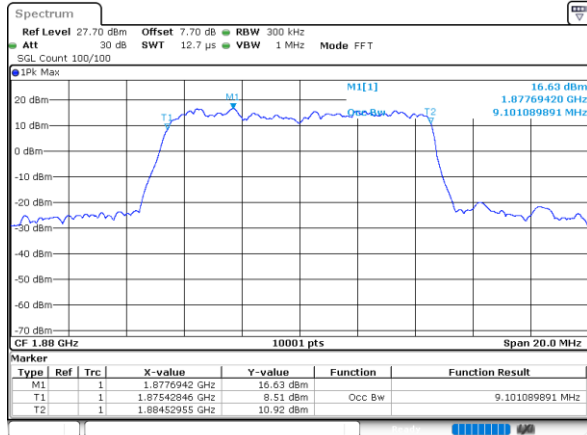
Middle Channel / 5MHz / 16QAM



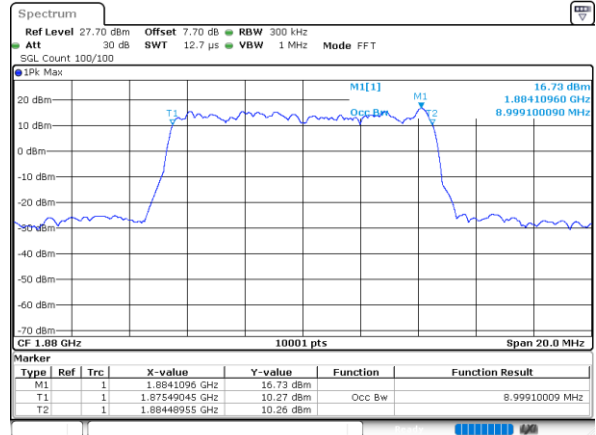


LTE Band 25

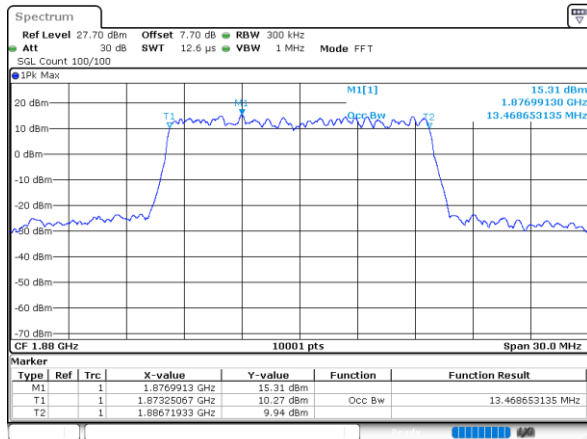
Middle Channel / 10MHz / QPSK



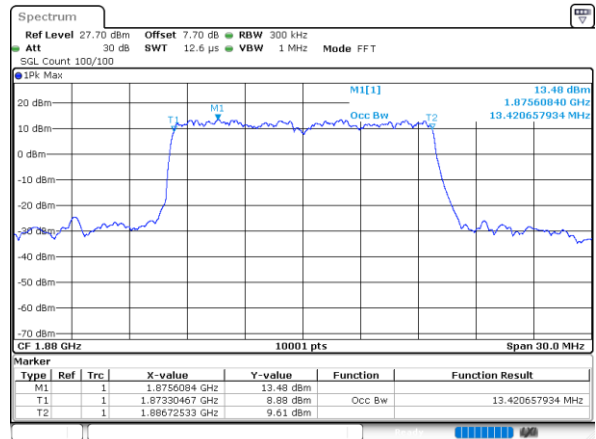
Middle Channel / 10MHz / 16QAM



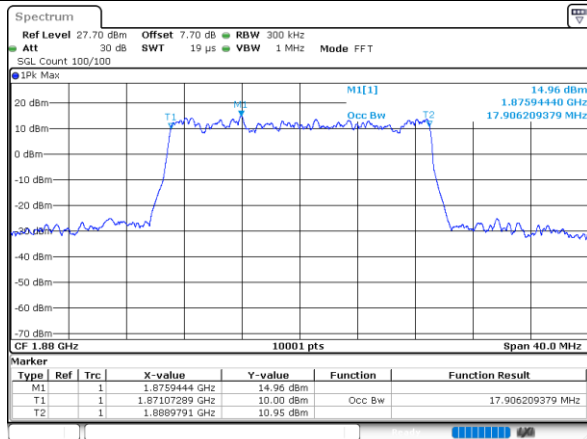
Middle Channel / 15MHz / QPSK



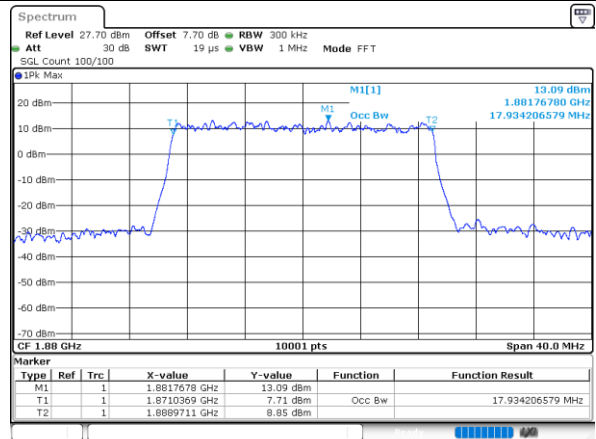
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

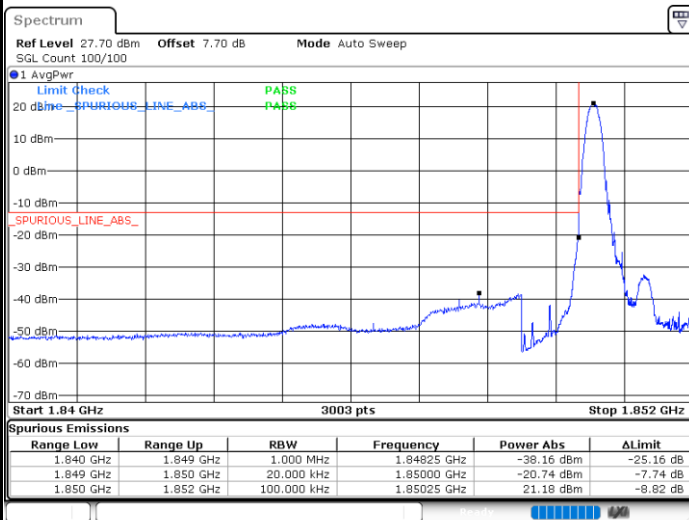




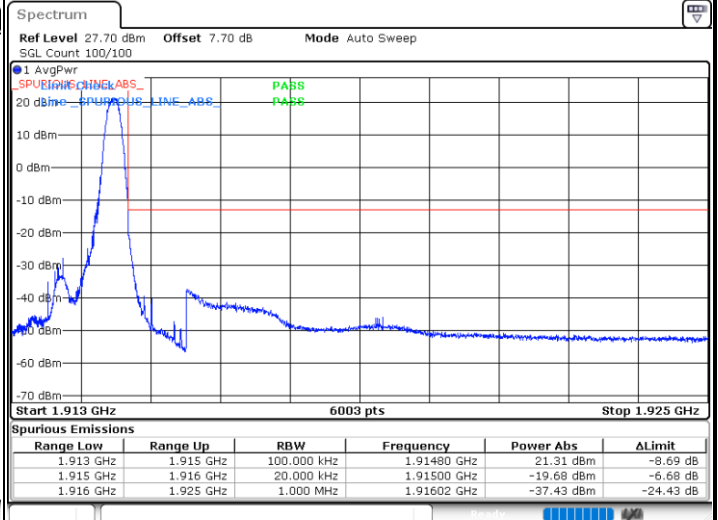
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

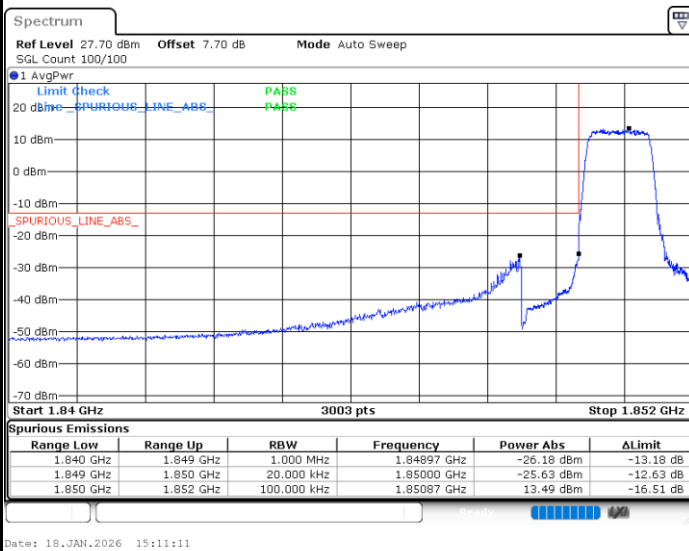
Lowest Band Edge / 1RB



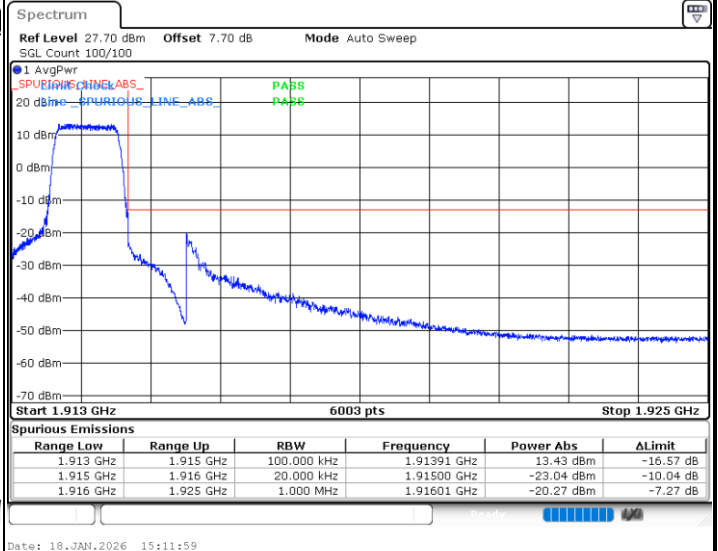
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



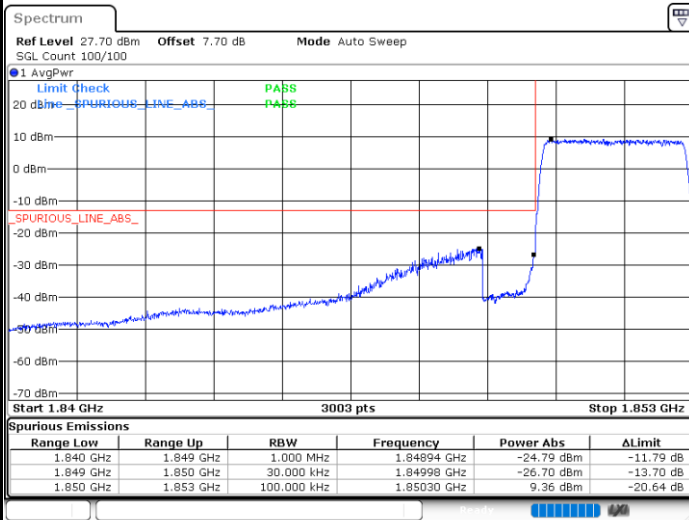
Highest Band Edge / Full RB



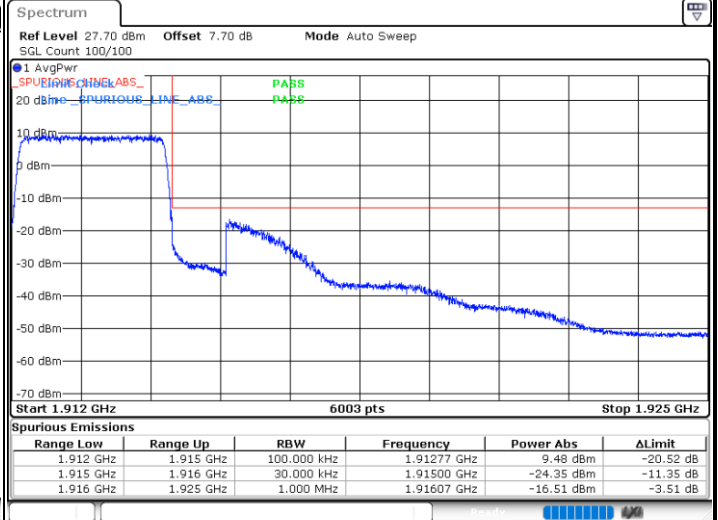


LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB

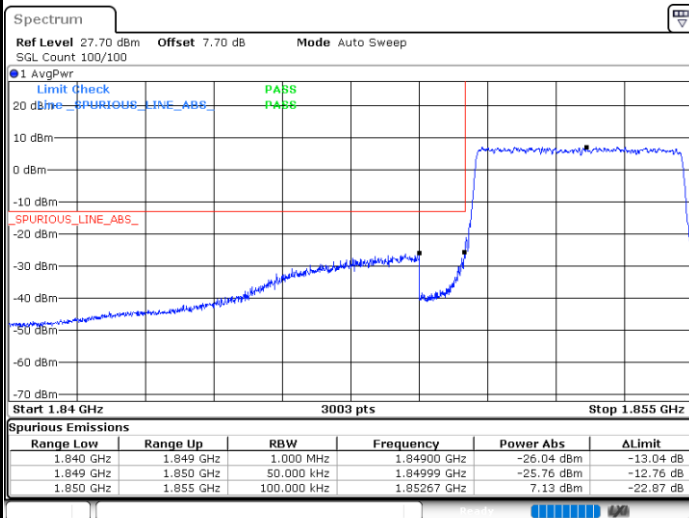


Highest Band Edge / Full RB

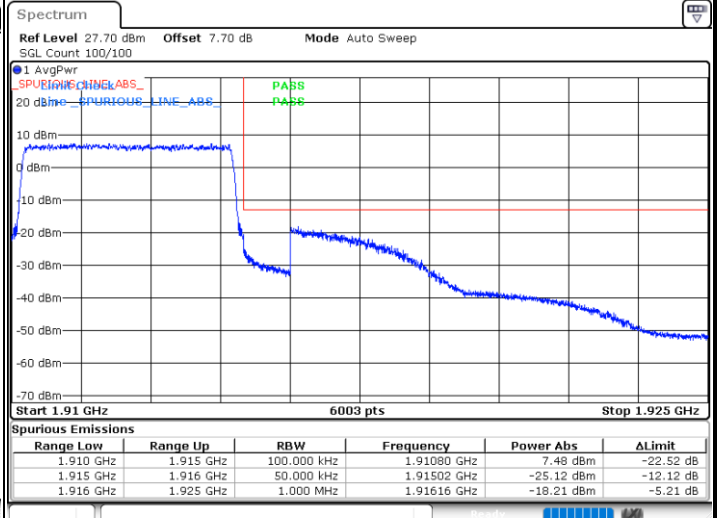


LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / Full RB



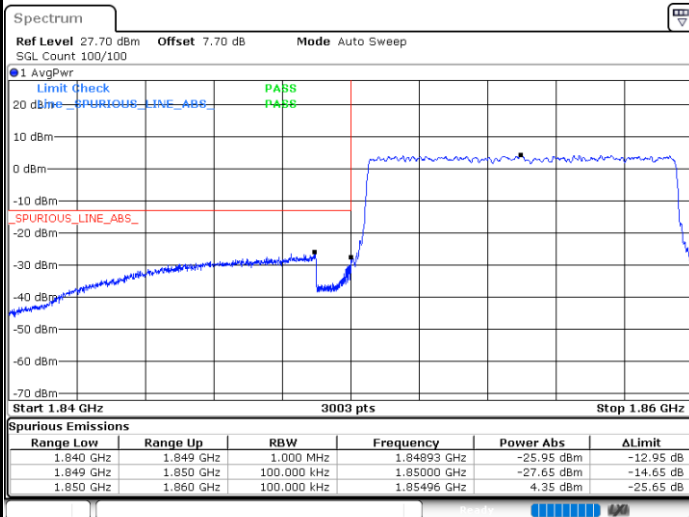
Highest Band Edge / Full RB



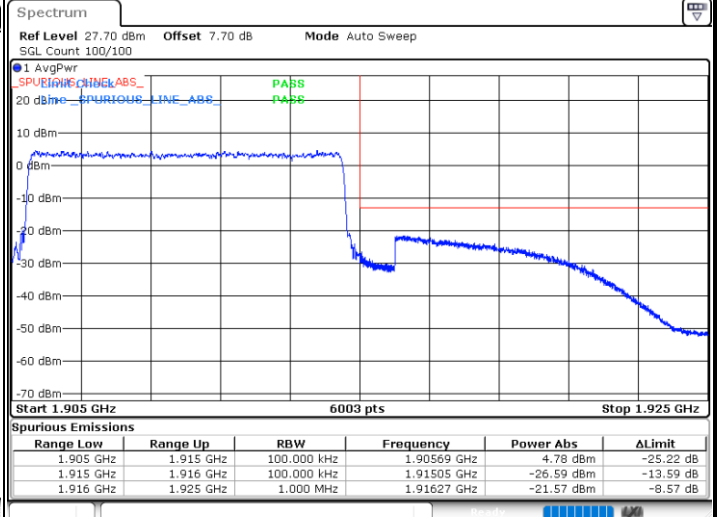


LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / Full RB

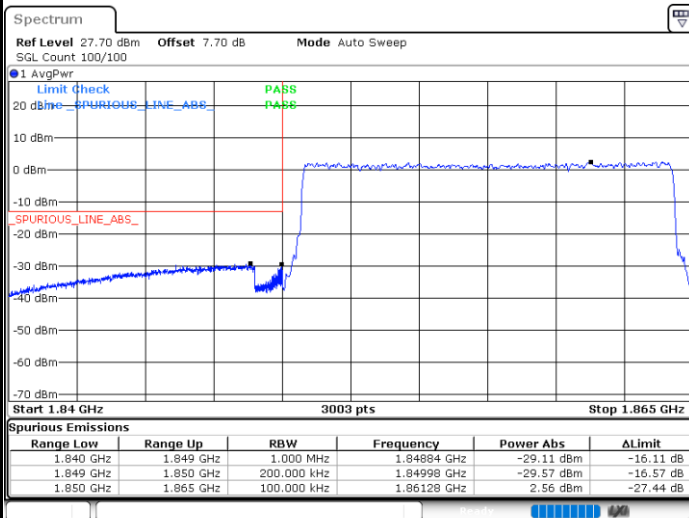


Highest Band Edge / Full RB

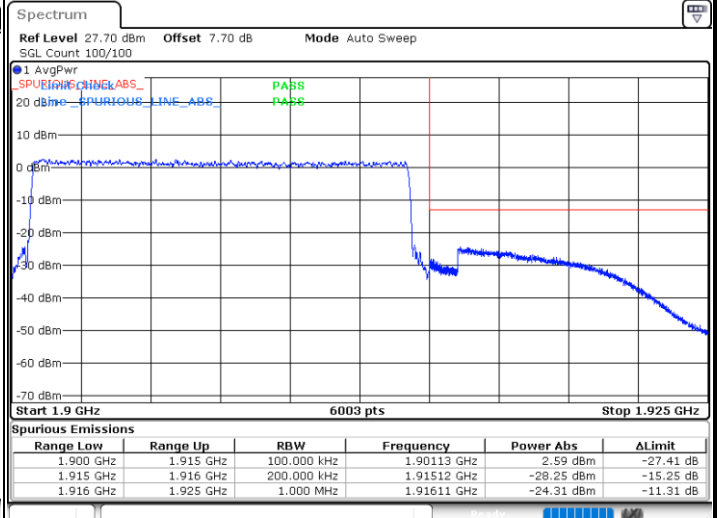


LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

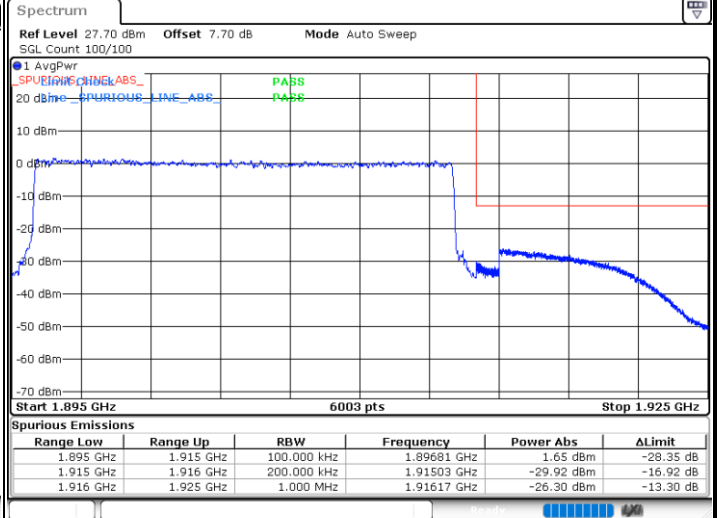
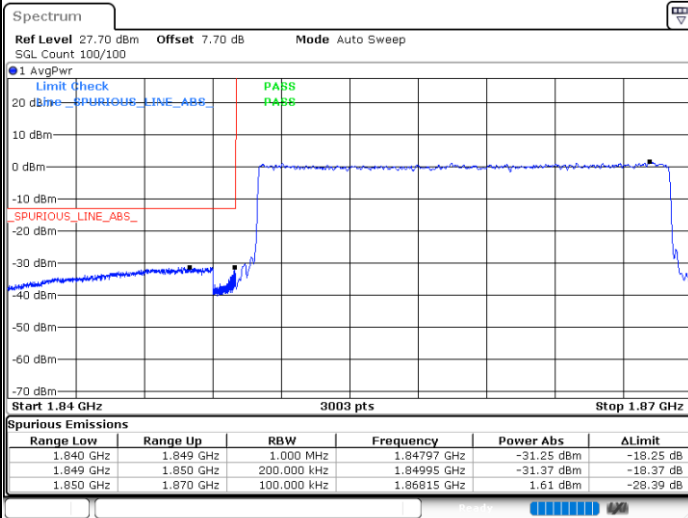




LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

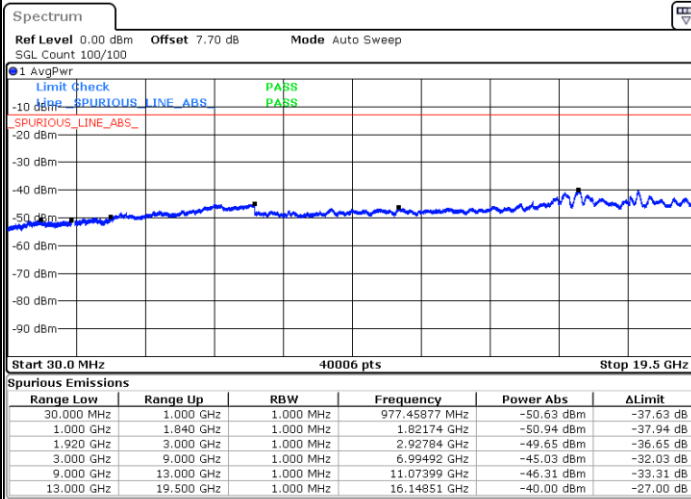




Conducted Spurious Emission

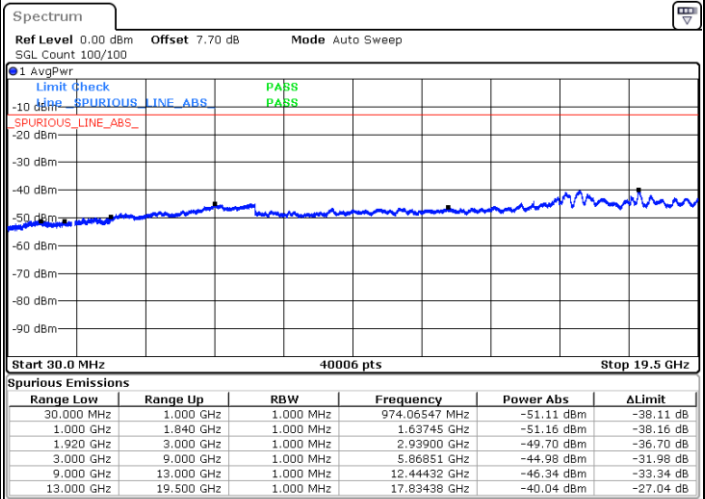
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



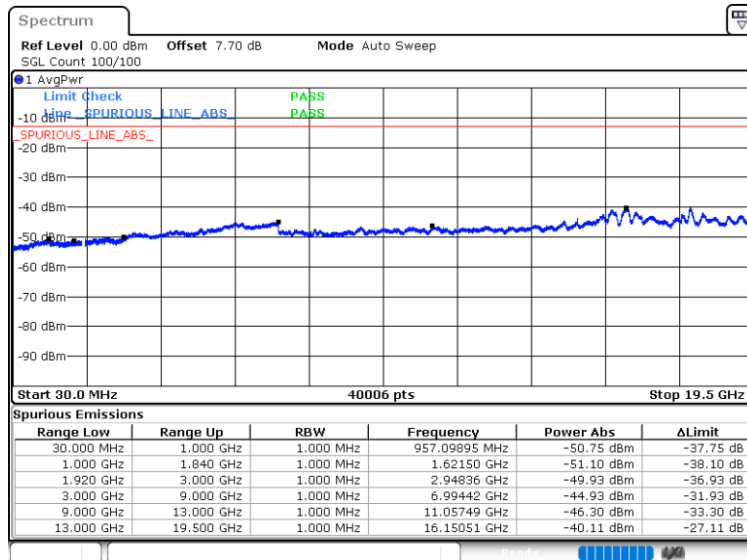
Date: 18.JAN.2026 15:22:42

Middle Channel / QPSK



Date: 18.JAN.2026 15:24:00

Highest Channel / QPSK

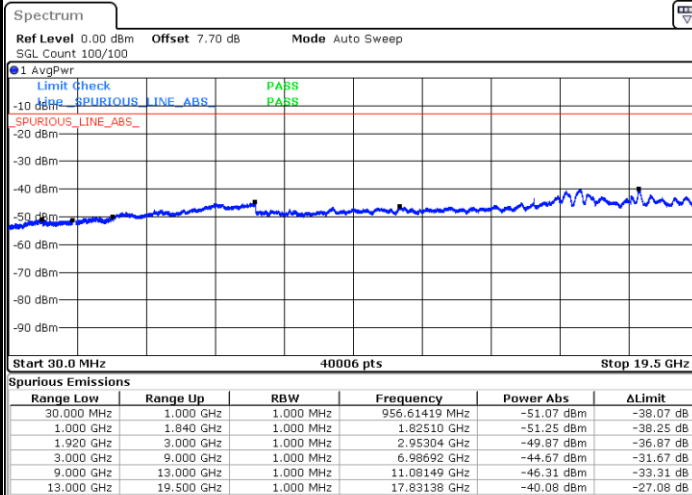


Date: 18.JAN.2026 15:25:22



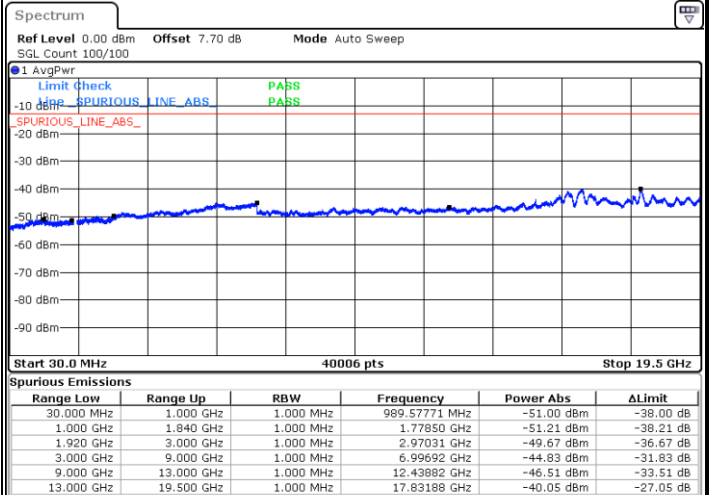
LTE Band 25 / 3MHz

Lowest Channel / QPSK



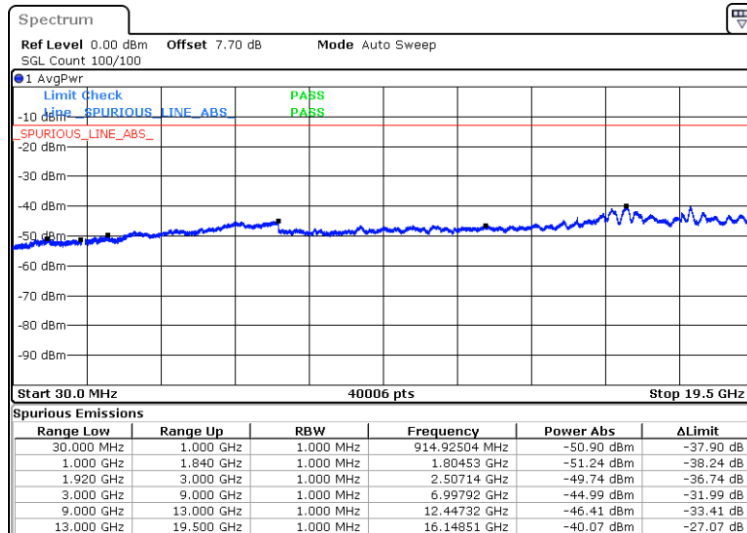
Date: 18.JAN.2026 15:26:46

Middle Channel / QPSK



Date: 18.JAN.2026 15:28:05

Highest Channel / QPSK

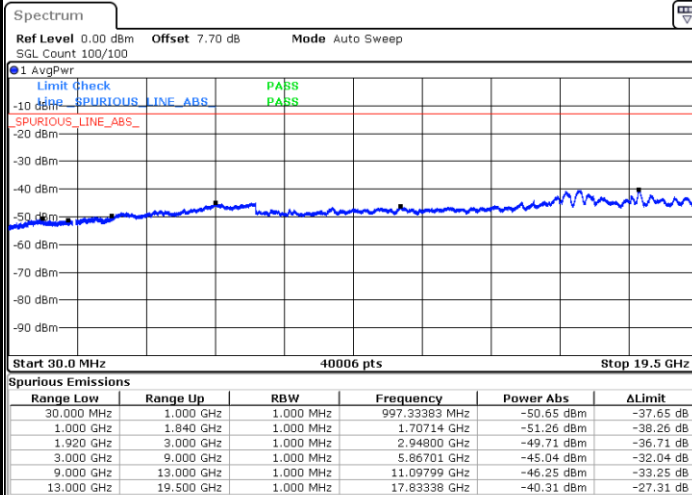


Date: 18.JAN.2026 15:29:23



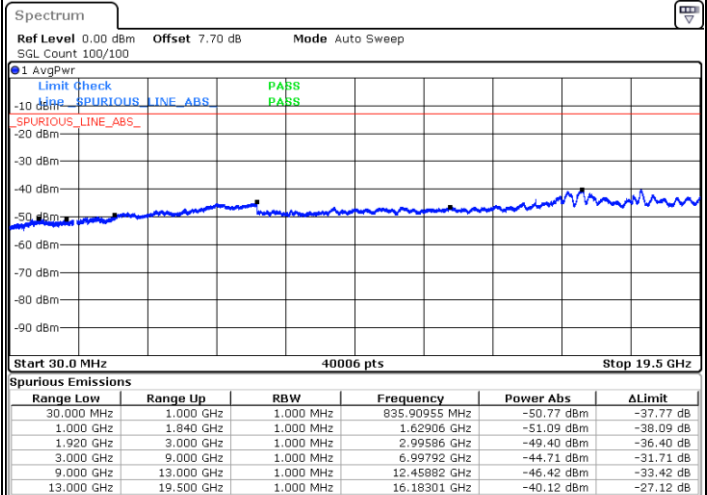
LTE Band 25 / 5MHz

Lowest Channel / QPSK



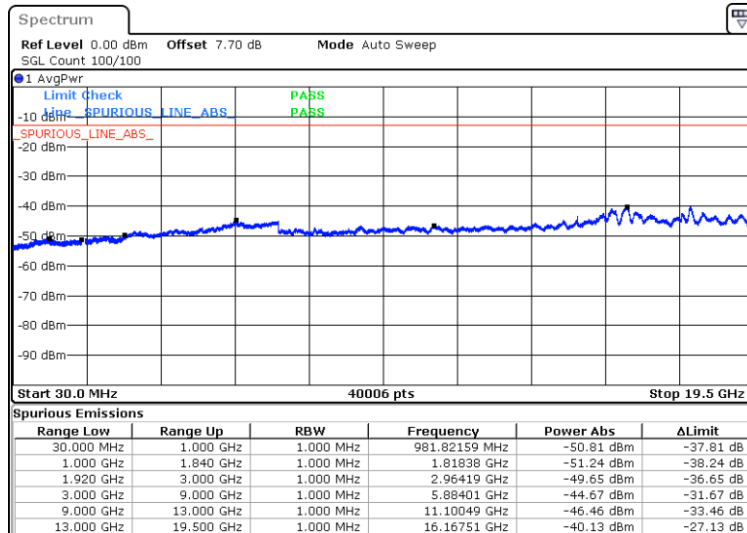
Date: 18.JAN.2026 15:30:47

Middle Channel / QPSK



Date: 18.JAN.2026 15:32:05

Highest Channel / QPSK

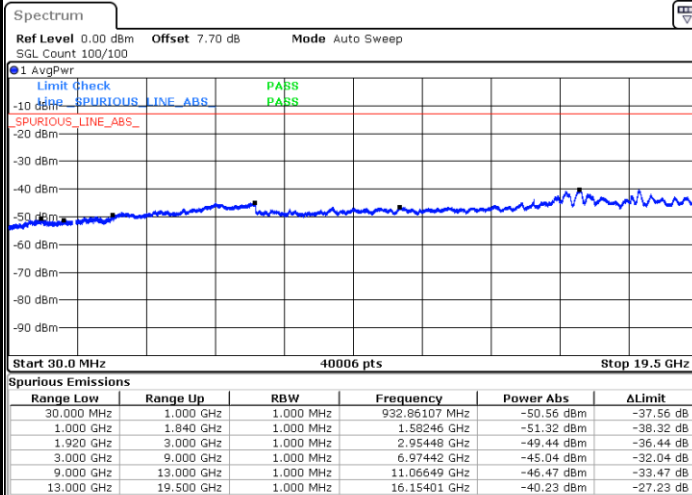


Date: 18.JAN.2026 15:33:24



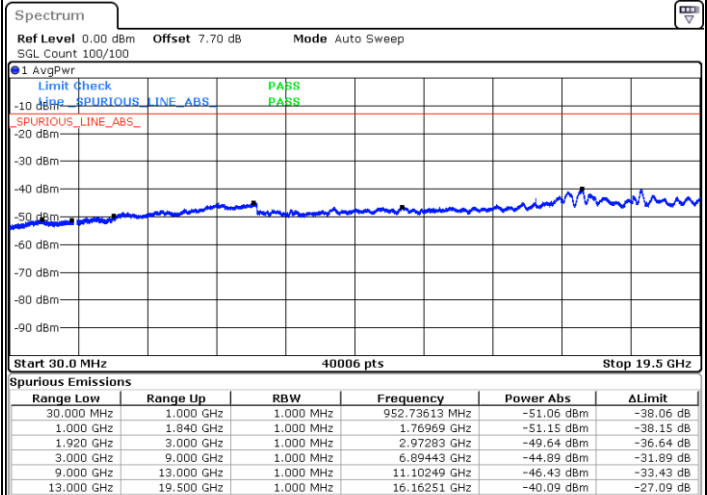
LTE Band 25 / 10MHz

Lowest Channel / QPSK



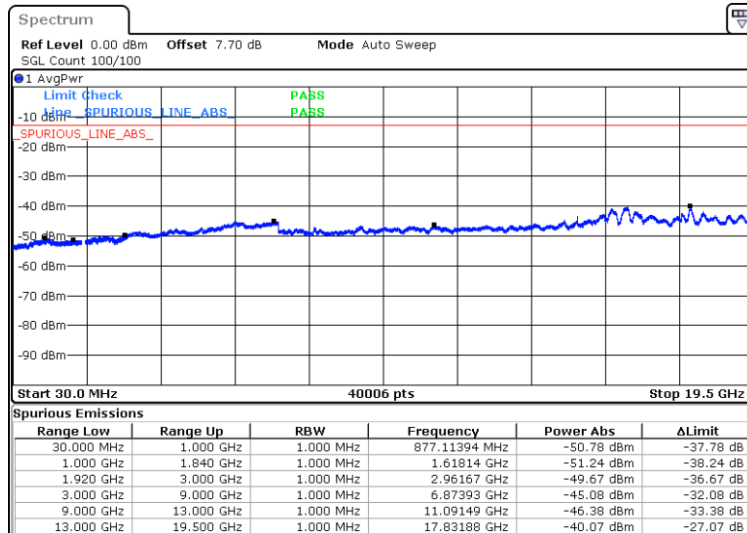
Date: 18.JAN.2026 15:34:48

Middle Channel / QPSK



Date: 18.JAN.2026 15:36:07

Highest Channel / QPSK

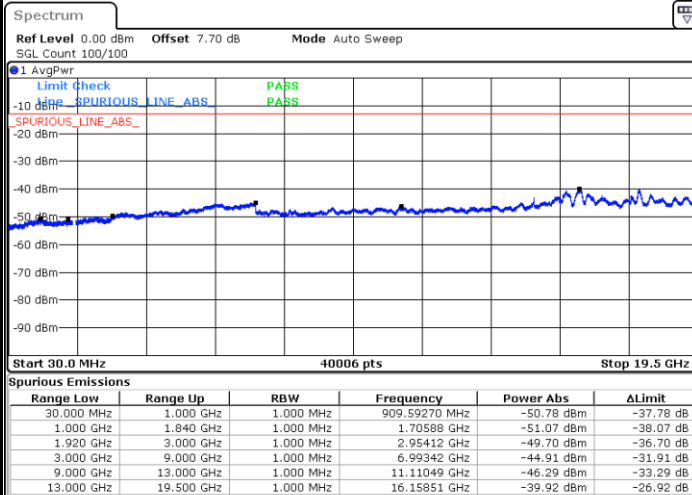


Date: 18.JAN.2026 15:37:25



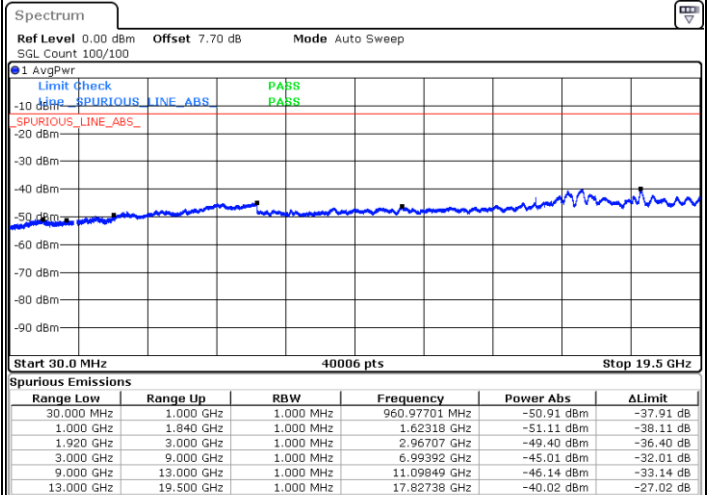
LTE Band 25 / 15MHz

Lowest Channel / QPSK



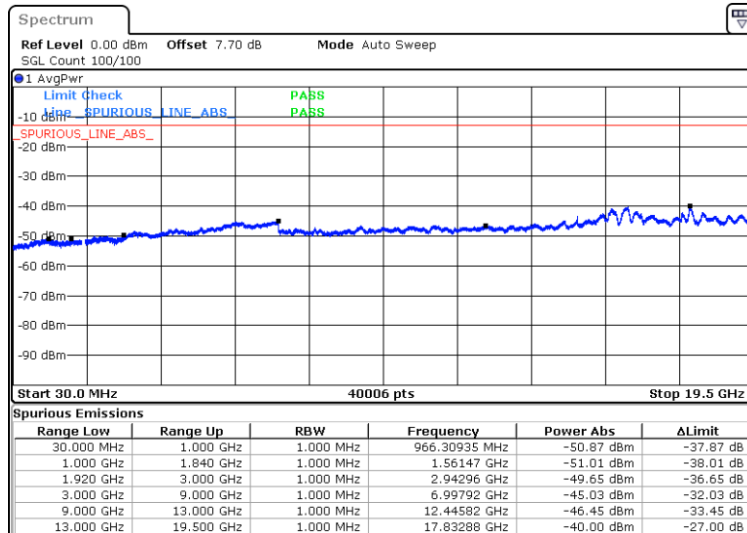
Date: 18.JAN.2026 15:38:49

Middle Channel / QPSK



Date: 18.JAN.2026 15:40:08

Highest Channel / QPSK

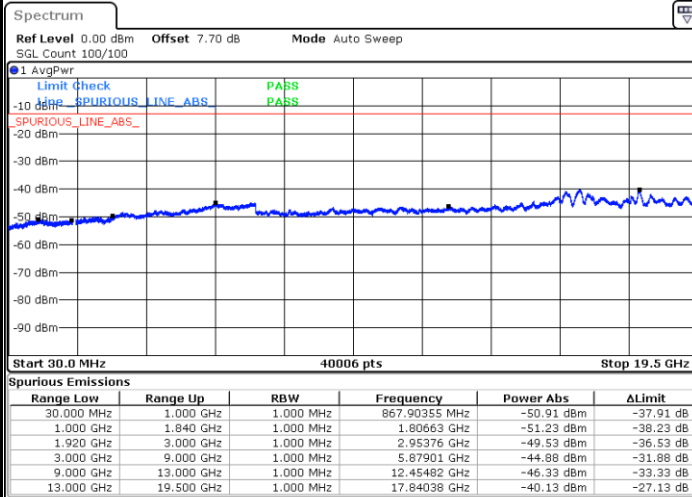


Date: 18.JAN.2026 15:41:27



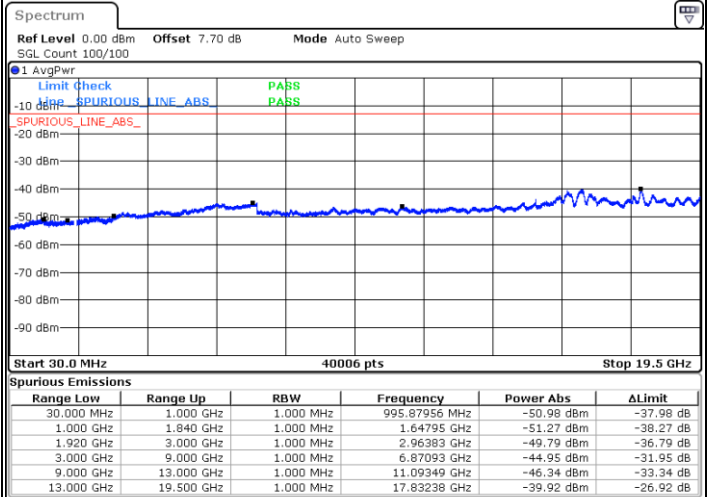
LTE Band 25 / 20MHz

Lowest Channel / QPSK



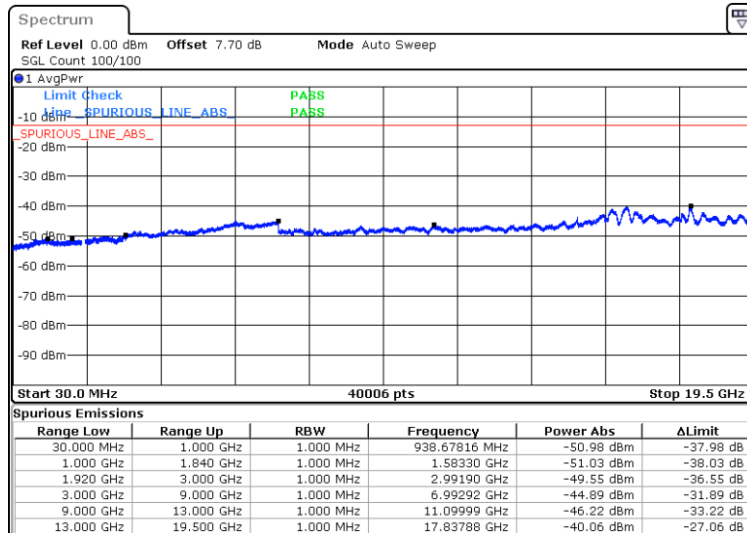
Date: 18.JAN.2026 15:42:51

Middle Channel / QPSK



Date: 18.JAN.2026 15:44:09

Highest Channel / QPSK



Date: 18.JAN.2026 15:45:28

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0031	-5.9	Yes	PASS
40	Normal Voltage	0.0003	-0.6	Yes	
30	Normal Voltage	0.0064	12	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0011	-2.1	Yes	
0	Normal Voltage	0.0048	9.1	Yes	
-10	Normal Voltage	0.0039	7.3	Yes	
-20	Normal Voltage	0.0002	0.4	Yes	
-30	Normal Voltage	0.0055	10.3	Yes	
20	Maximum Voltage	0.0002	0.4	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0073	13.7	Yes	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.65 V. ; Maximum Voltage = 4.3 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.