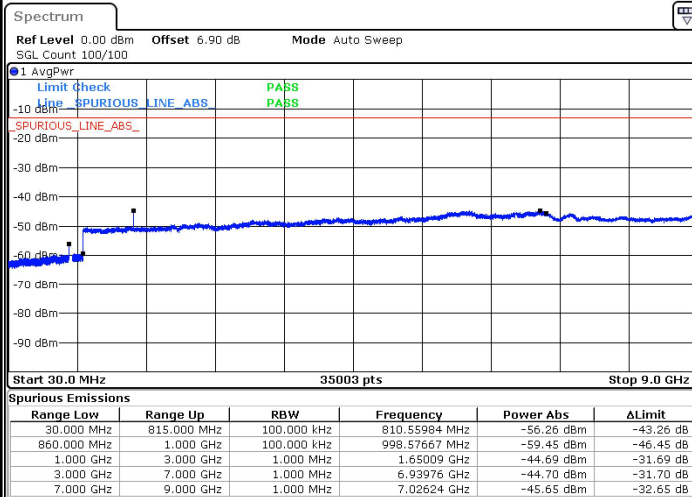




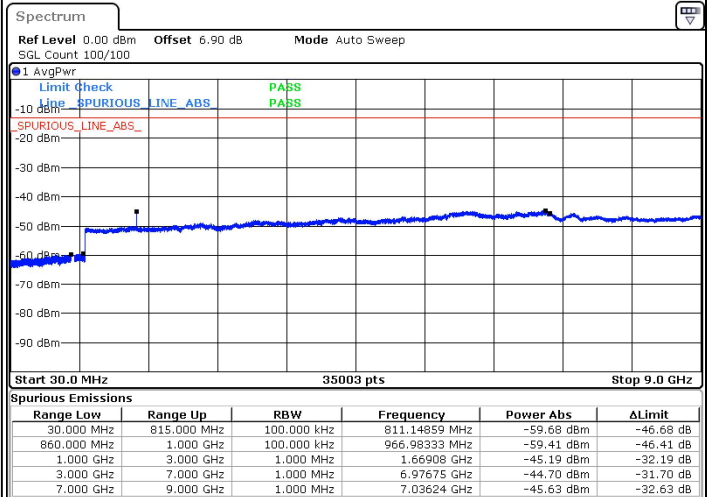
LTE Band 5 / 5MHz

Lowest Channel / QPSK



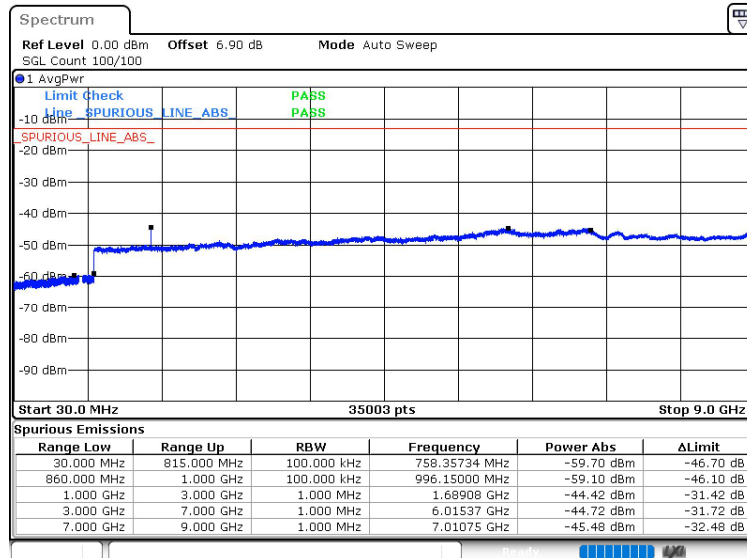
Date: 28.MAR.2026 05:56:16

Middle Channel / QPSK



Date: 28.MAR.2026 05:57:25

Highest Channel / QPSK

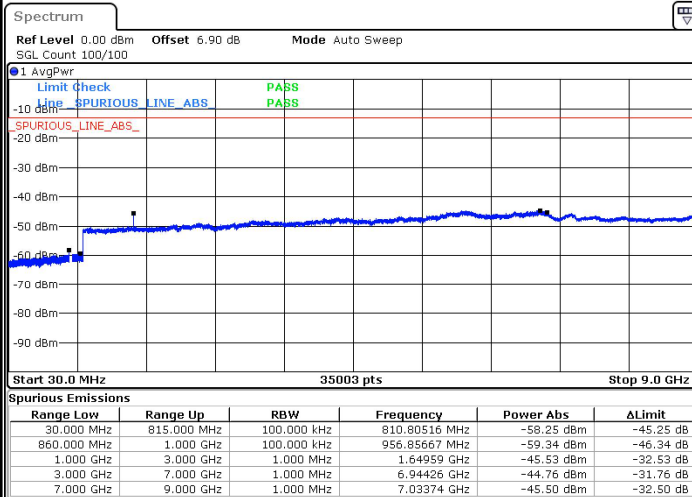


Date: 28.MAR.2026 05:58:33



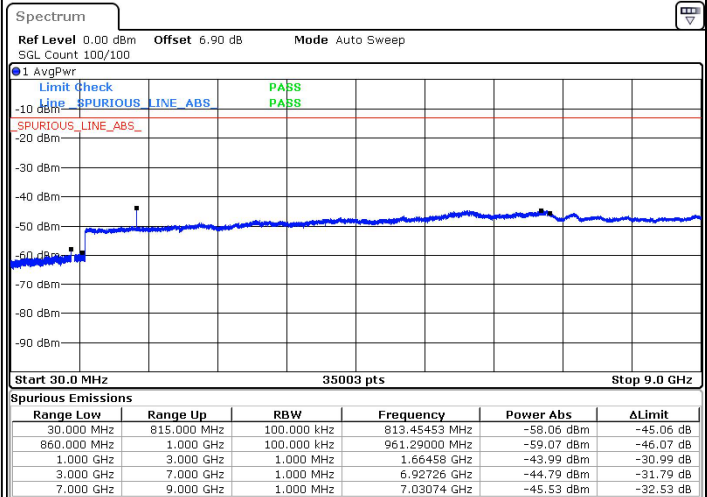
LTE Band 5 / 10MHz

Lowest Channel / QPSK



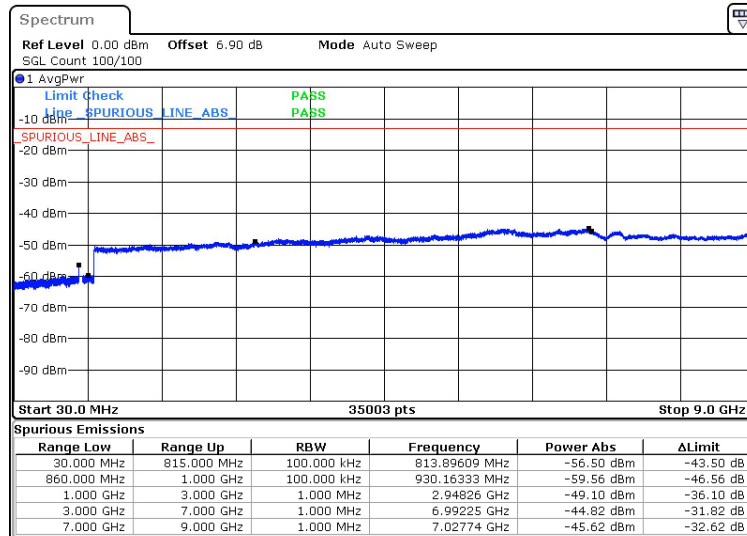
Date: 28.MAR.2026 05:59:42

Middle Channel / QPSK



Date: 28.MAR.2026 06:00:50

Highest Channel / QPSK



Date: 28.MAR.2026 06:01:56

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	0.0014	1.2	Yes	PASS
40	Normal Voltage	0.0039	3.3	Yes	
30	Normal Voltage	0.0114	-9.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0014	1.2	Yes	
0	Normal Voltage	0.0116	-9.7	Yes	
-10	Normal Voltage	0.0025	2.1	Yes	
-20	Normal Voltage	0.0031	-2.6	Yes	
20	Maximum Voltage	0.0094	-7.9	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0024	2	Yes	

Note:

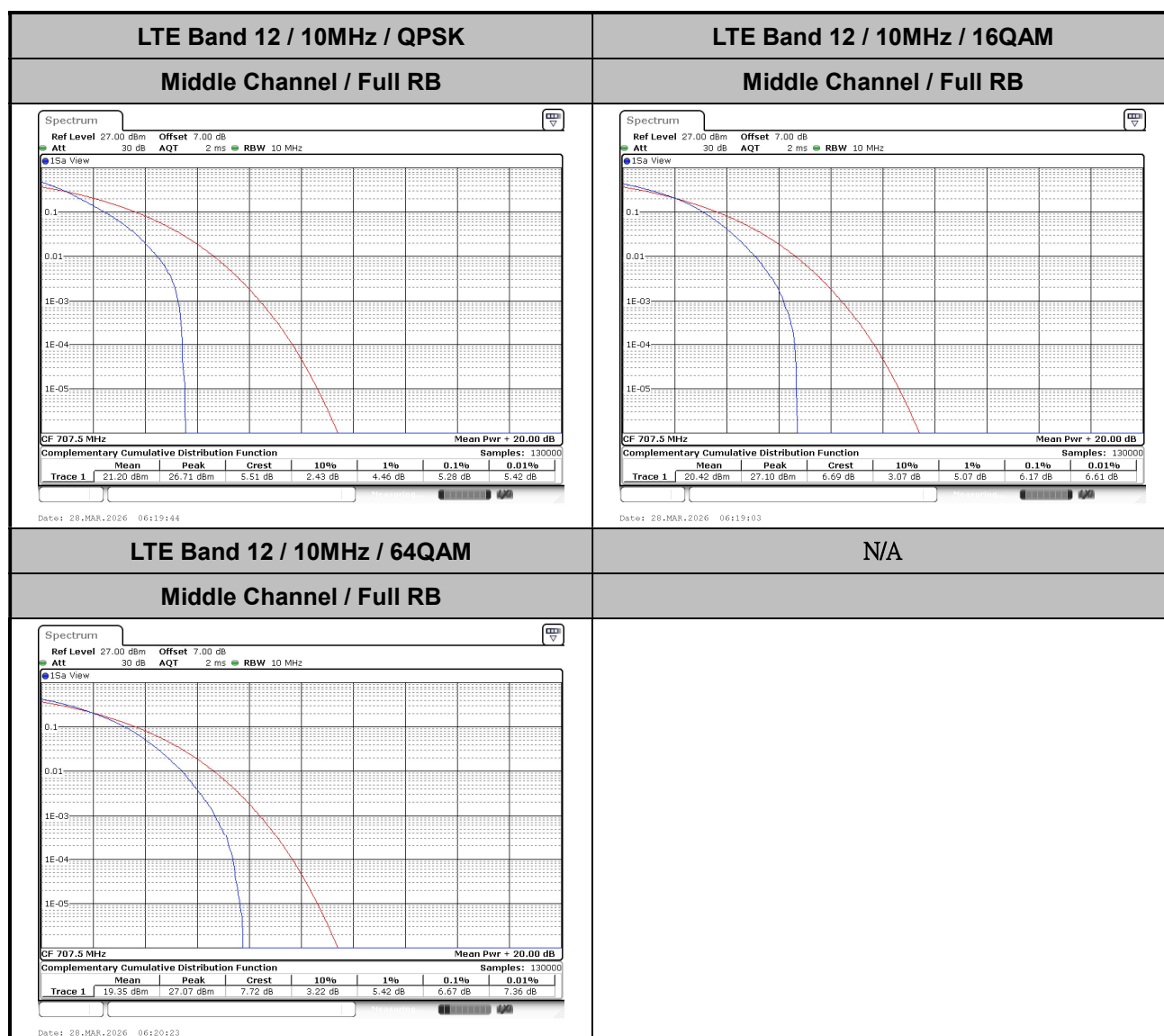
1. Normal Voltage = 3.89 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 12

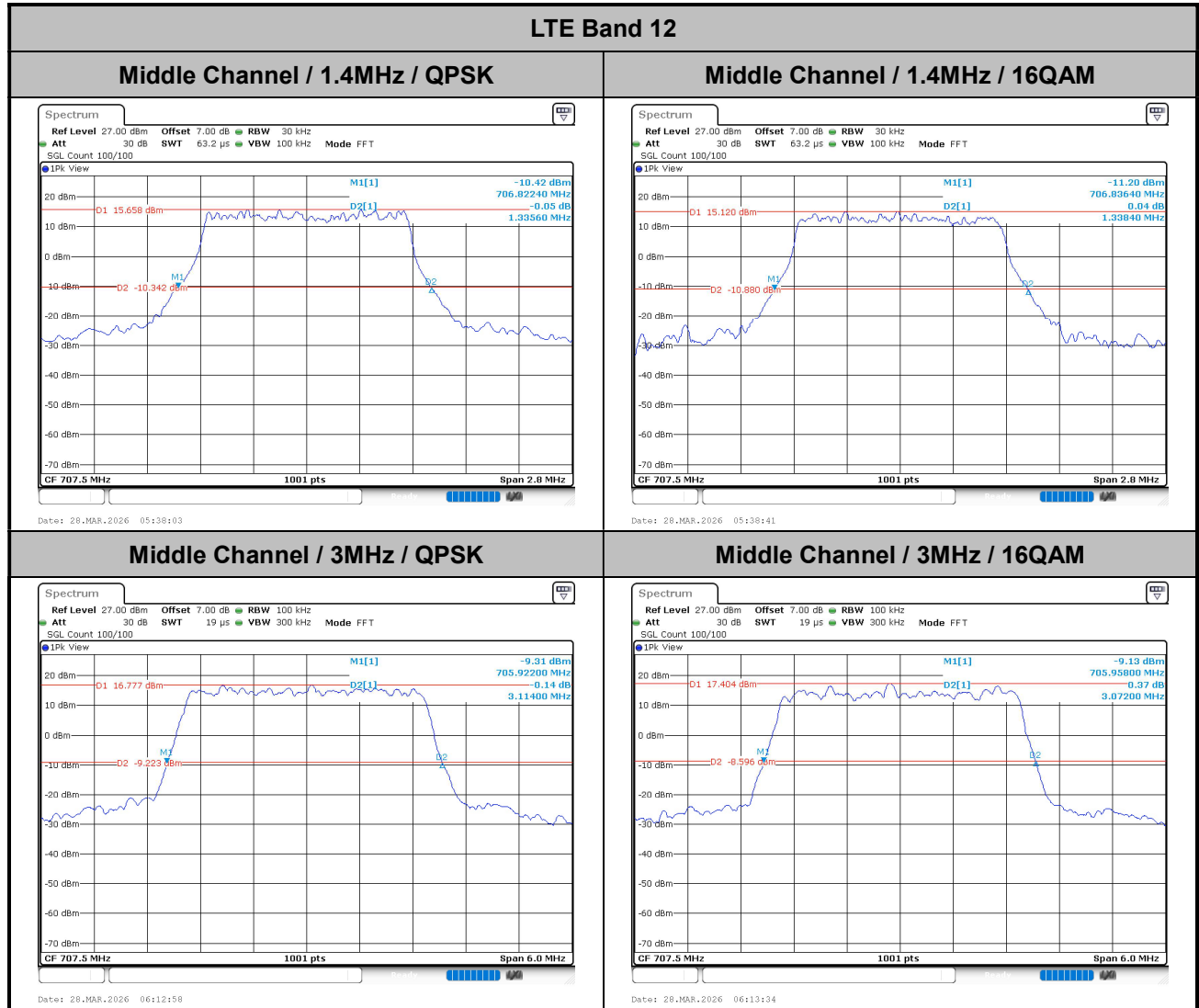
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	N/A	Limit: 13dB
RB Size	Full RB	Full RB	Full RB		Result
Middle CH	5.28	6.17	6.67		PASS



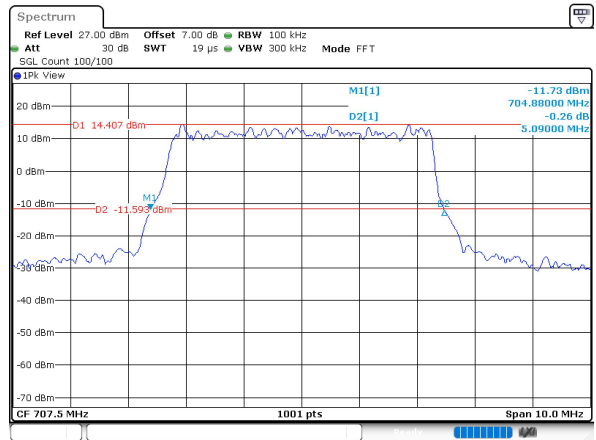
**26dB Bandwidth**

Mode	LTE Band 12 : 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	1.33	1.33	3.11	3.07	5.05	5.09	9.96	9.98	-	-	-	-



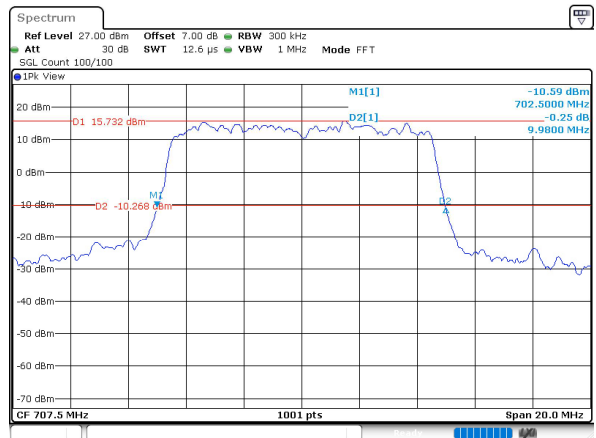


Middle Channel / 5MHz / 16QAM



Date: 28.MAR.2026 06:15:58

Middle Channel / 10MHz / 16QAM



Date: 28.MAR.2026 06:18:22



Occupied Bandwidth

Mode	LTE Band 12 : 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	4.50	4.49	9.08	9.00	-	-	-	-

