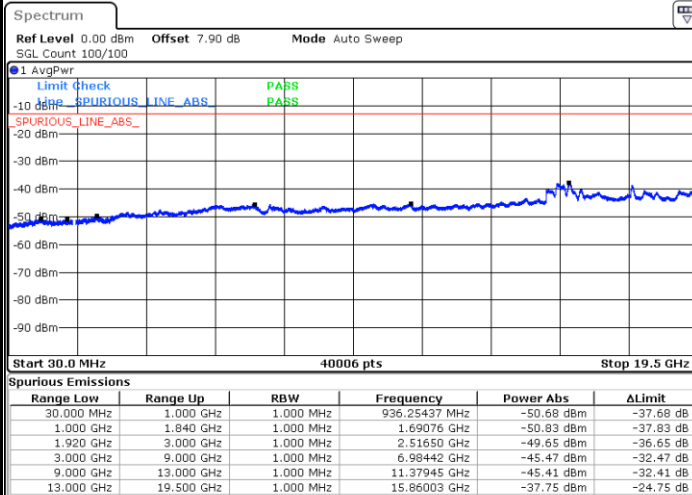




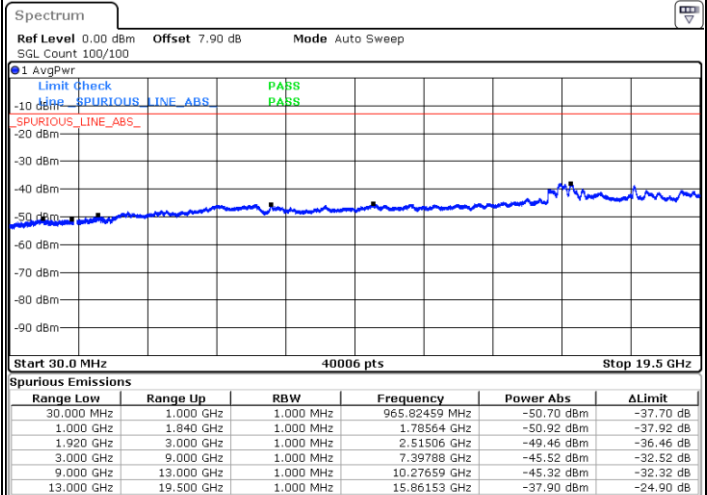
LTE Band 25 / 5MHz

Lowest Channel / QPSK



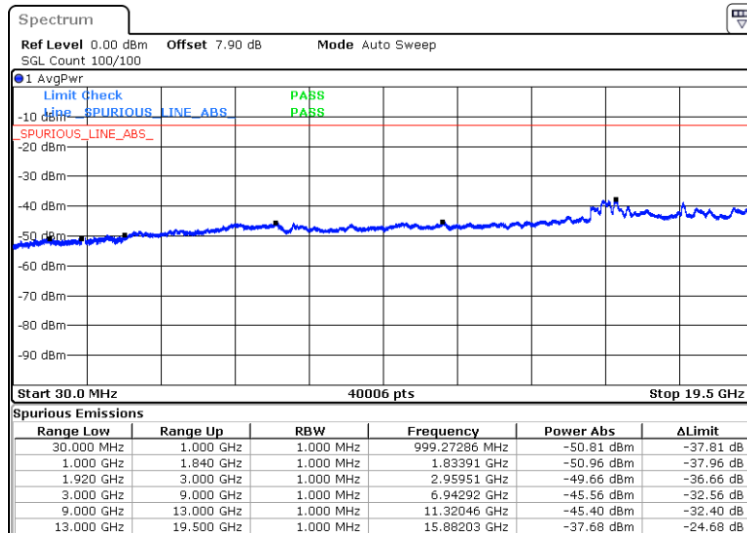
Date: 5.SEP.2026 15:10:27

Middle Channel / QPSK



Date: 5.SEP.2026 15:12:07

Highest Channel / QPSK

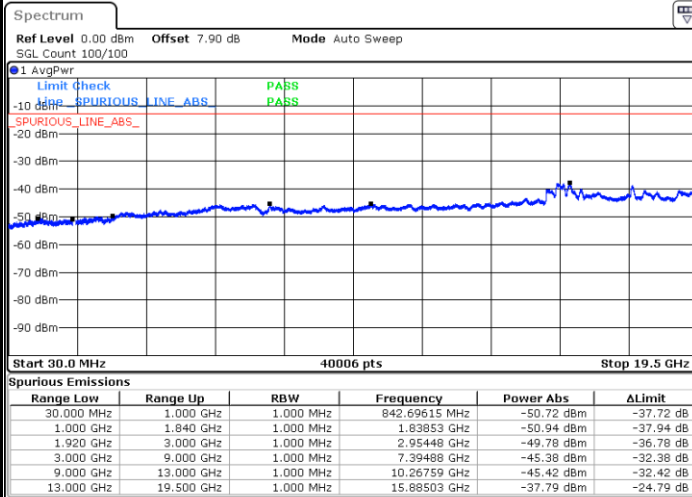


Date: 5.SEP.2026 15:13:44



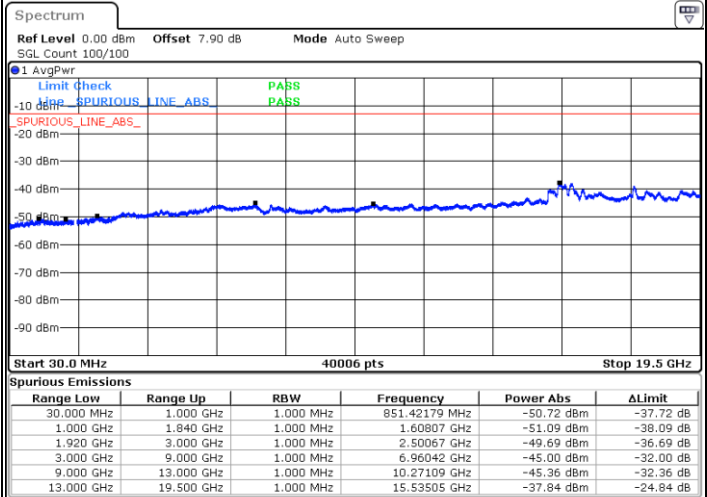
LTE Band 25 / 10MHz

Lowest Channel / QPSK



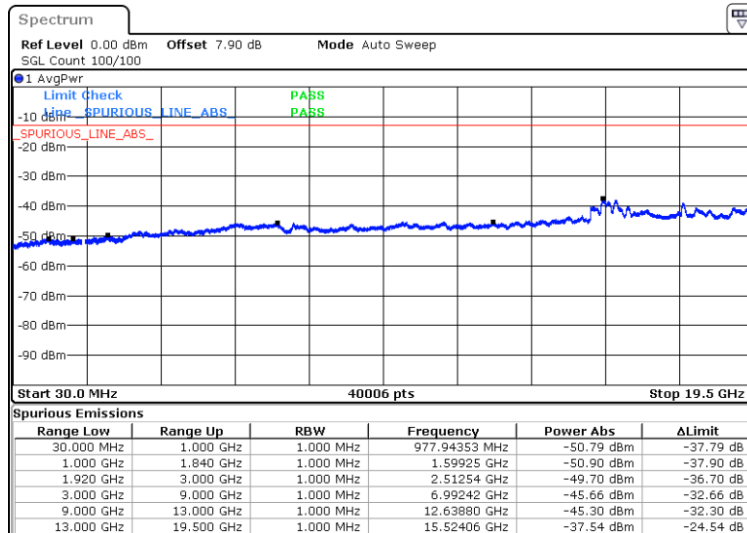
Date: 5.SEP.2026 15:15:24

Middle Channel / QPSK



Date: 5.SEP.2026 15:17:00

Highest Channel / QPSK

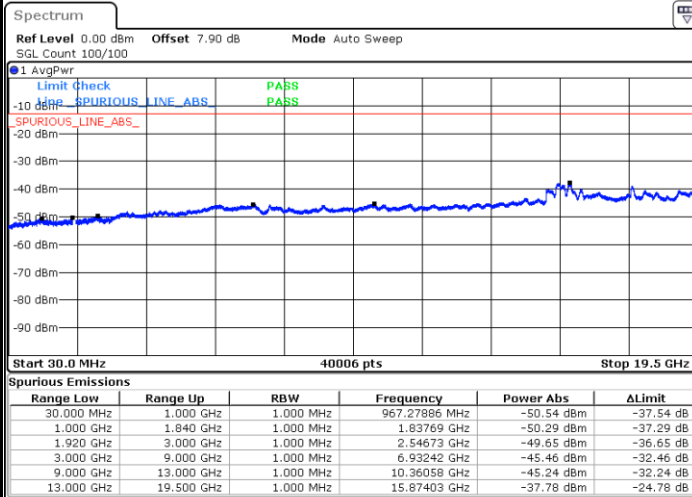


Date: 5.SEP.2026 15:18:37



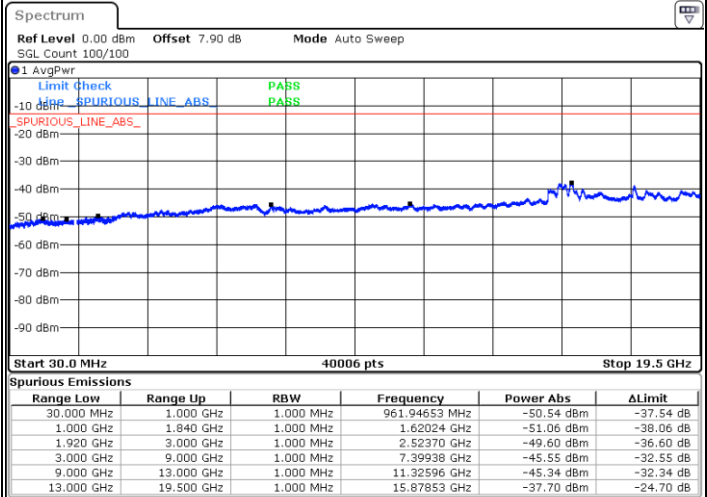
LTE Band 25 / 15MHz

Lowest Channel / QPSK



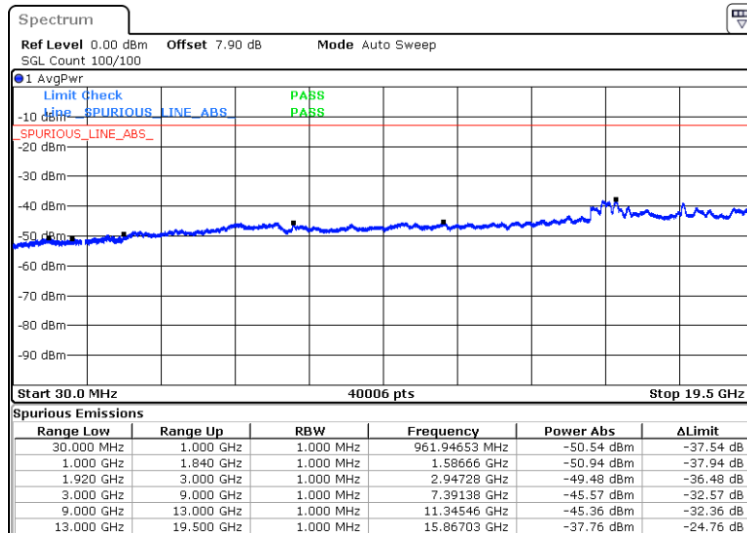
Date: 5.SEP.2026 15:20:17

Middle Channel / QPSK



Date: 5.SEP.2026 15:21:53

Highest Channel / QPSK

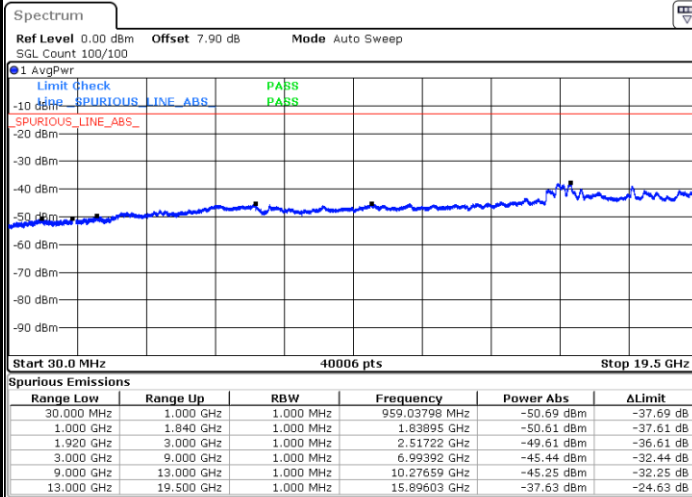


Date: 5.SEP.2026 15:23:33



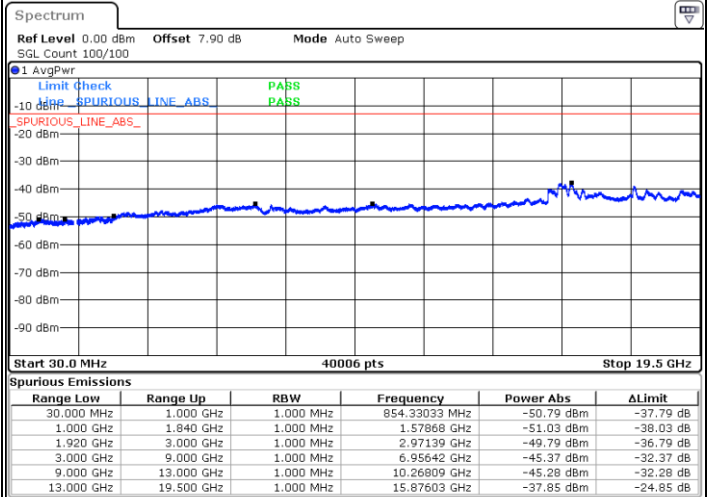
LTE Band 25 / 20MHz

Lowest Channel / QPSK



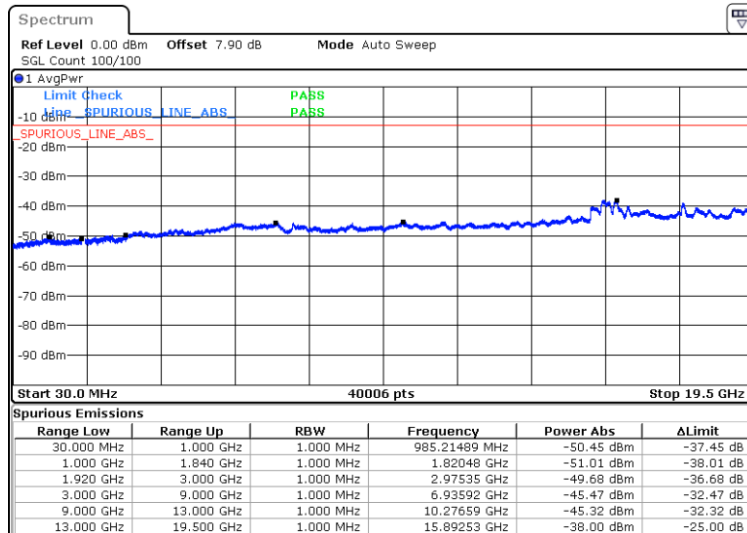
Date: 5.SEP.2026 15:25:13

Middle Channel / QPSK



Date: 5.SEP.2026 15:26:50

Highest Channel / QPSK



Date: 5.SEP.2026 15:28:26

**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	0.0040	7.5	Yes	PASS
40	Normal Voltage	0.0054	10.2	Yes	
30	Normal Voltage	0.0052	9.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0023	4.3	Yes	
0	Normal Voltage	0.0067	12.6	Yes	
-10	Normal Voltage	0.0072	13.5	Yes	
-20	Normal Voltage	0.0030	-5.7	Yes	
-30	Normal Voltage	0.0022	4.2	Yes	
20	Maximum Voltage	0.0005	1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0009	-1.6	Yes	

Note:

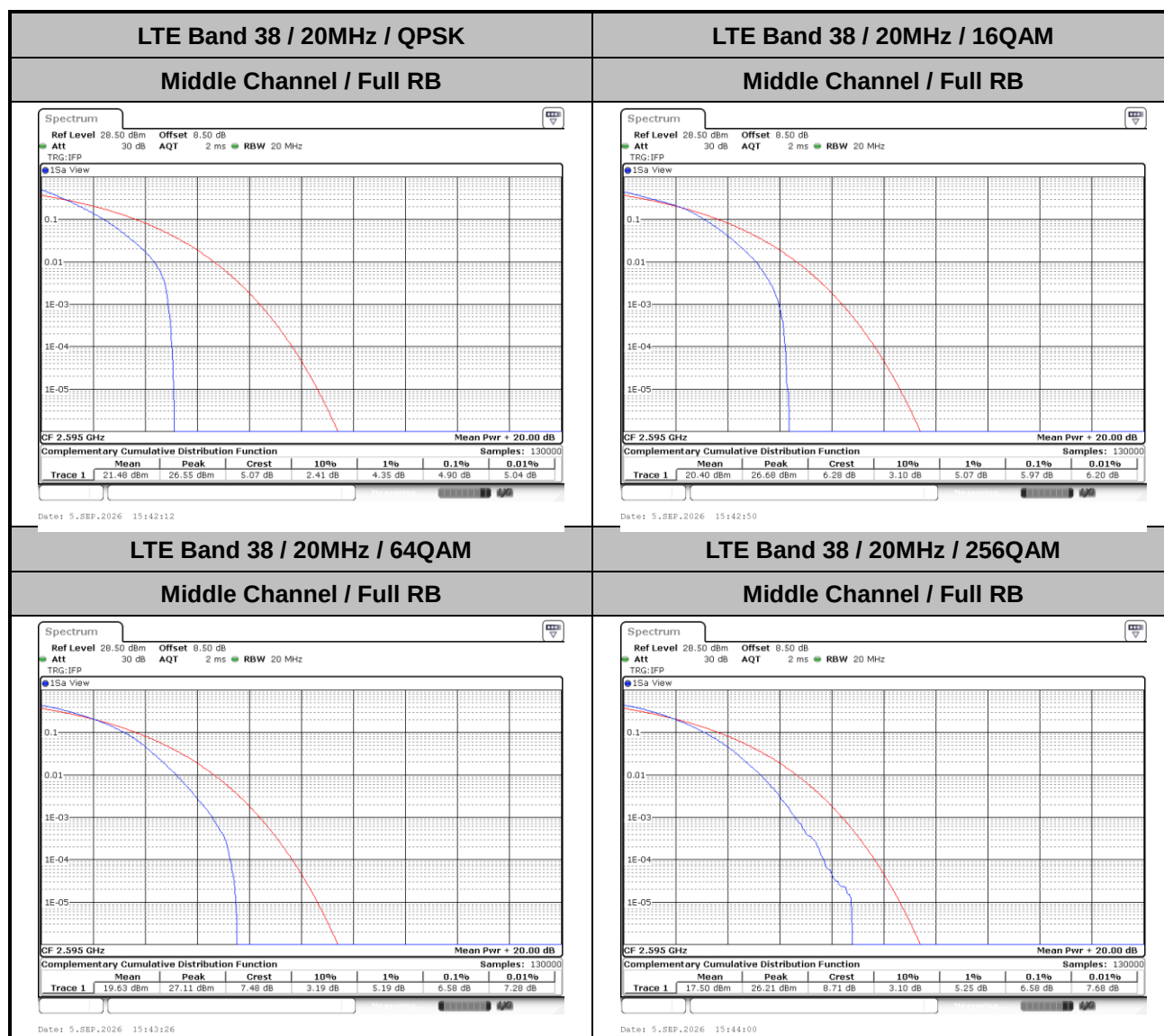
1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 38 PA (Reference Designator)

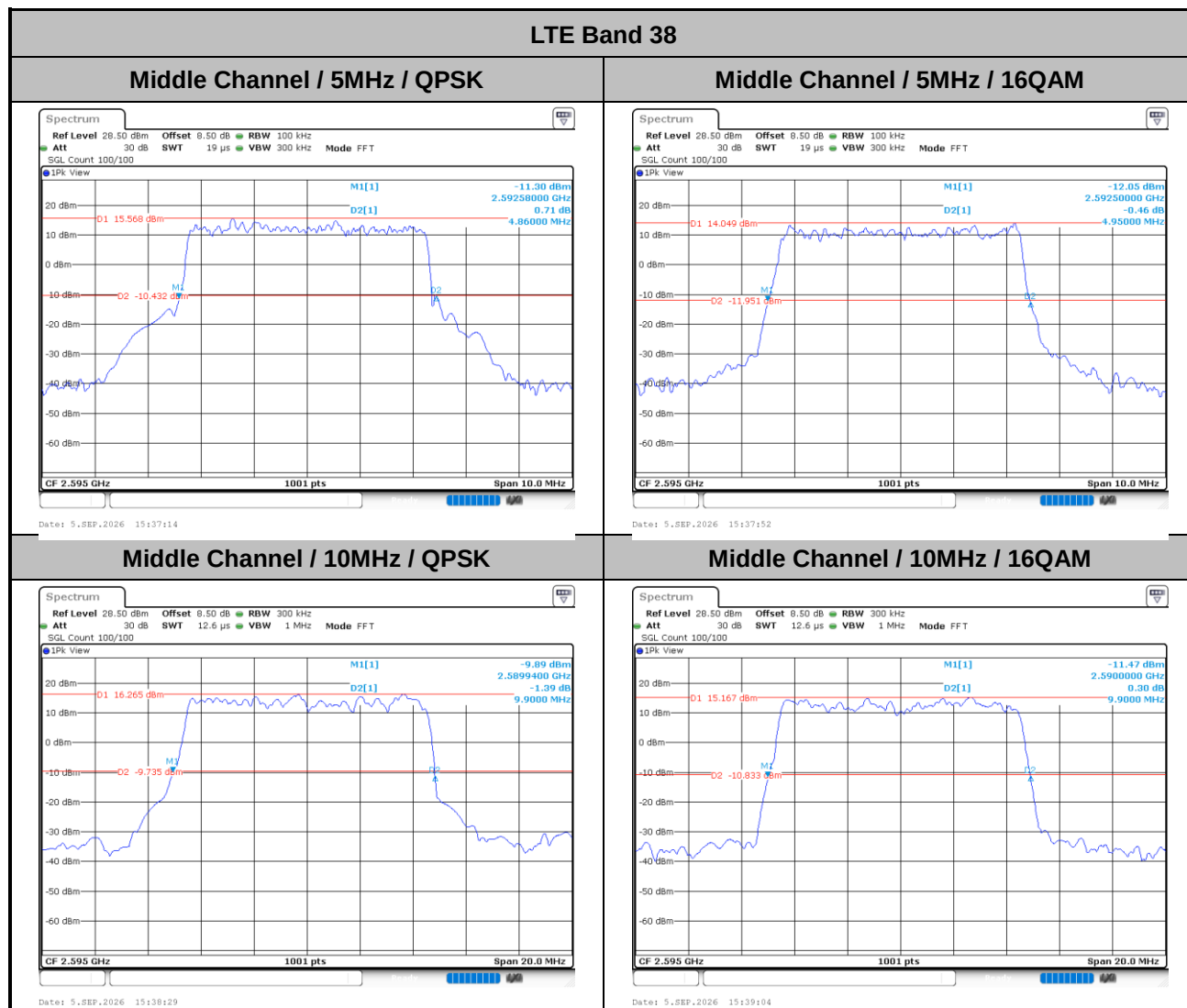
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.90	5.97	6.58	6.58	PASS



**26dB Bandwidth**

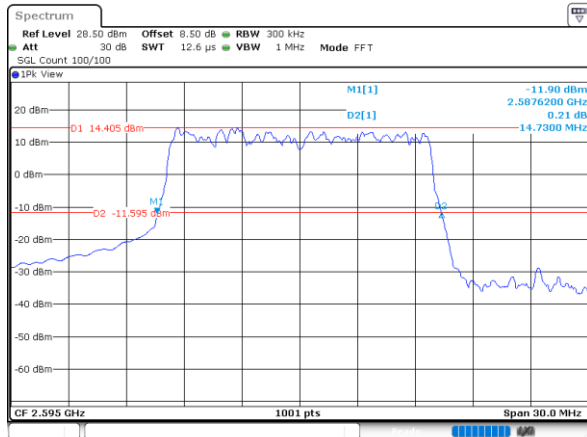
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.86	4.95	9.90	9.90	14.73	14.43	19.24	19.24



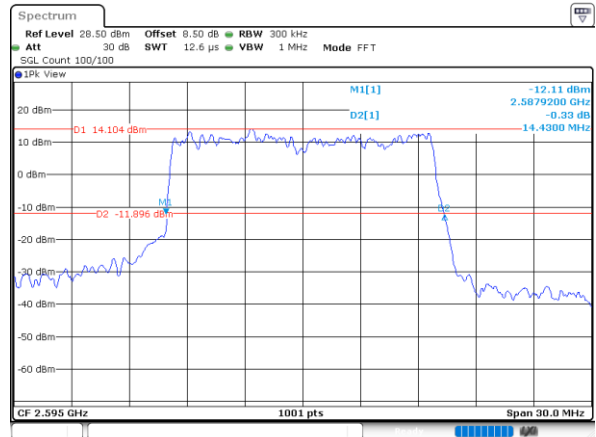


LTE Band 38

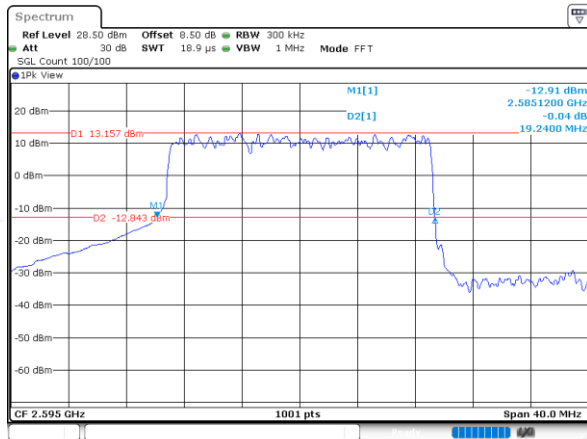
Middle Channel / 15MHz / QPSK



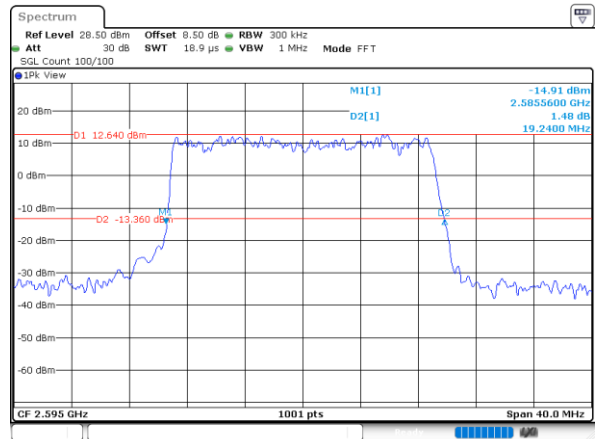
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



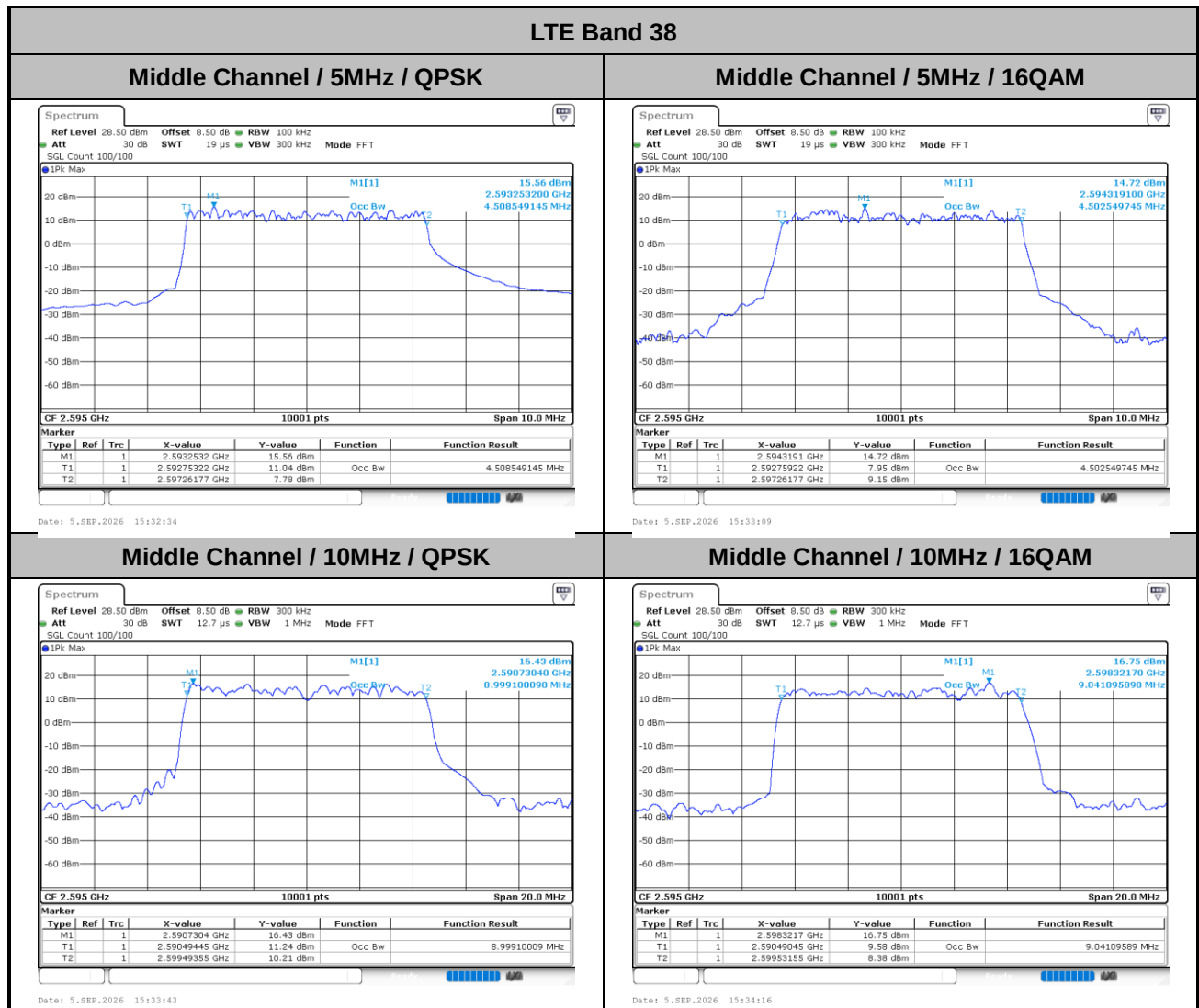
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

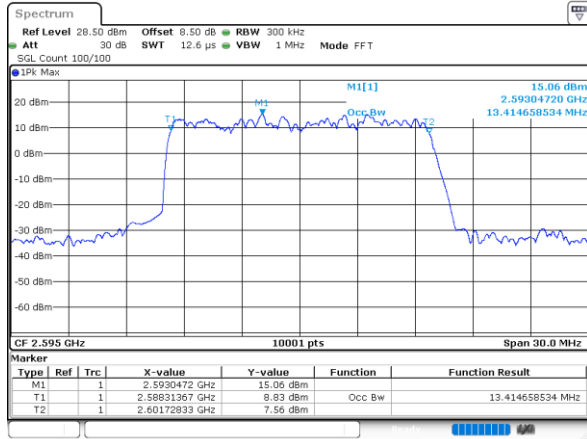
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	8.99	9.04	13.41	13.45	17.91	17.92



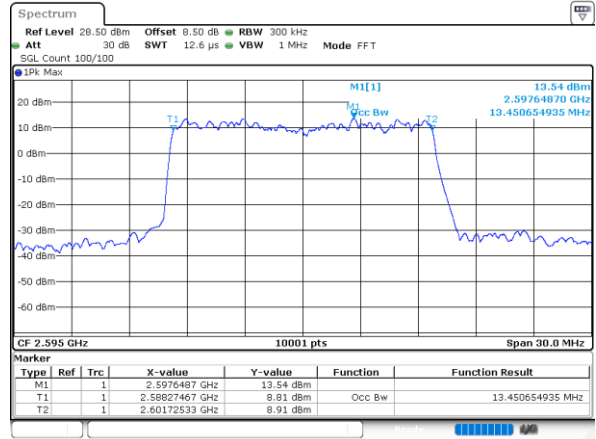


LTE Band 38

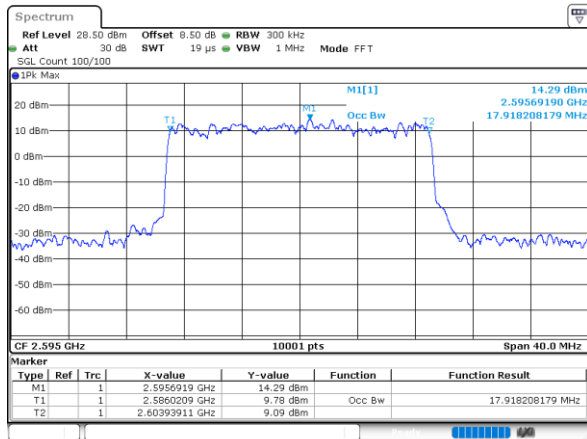
Middle Channel / 15MHz / QPSK



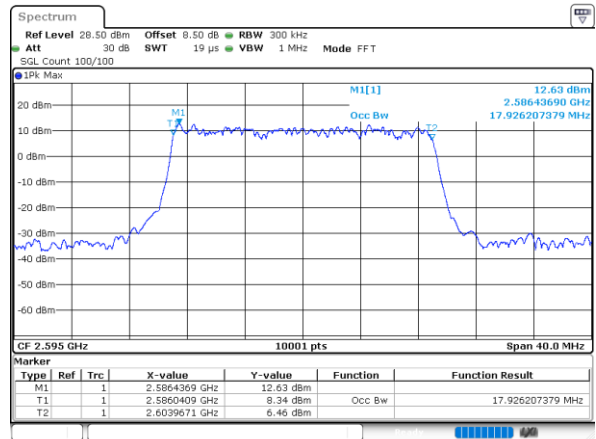
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

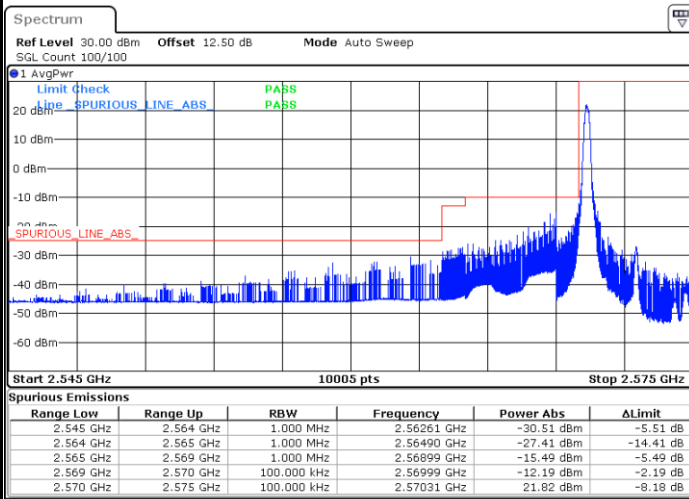




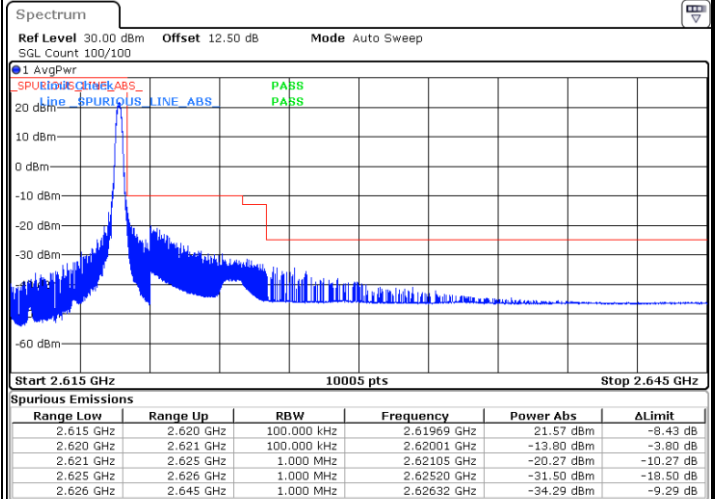
Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

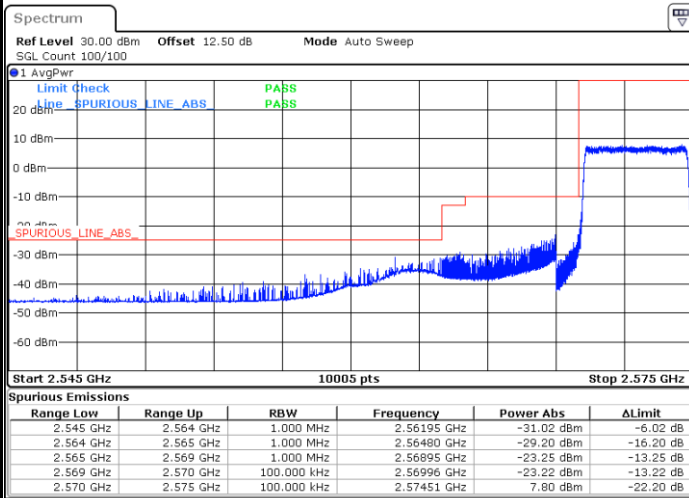
Lowest Band Edge / 1 RB



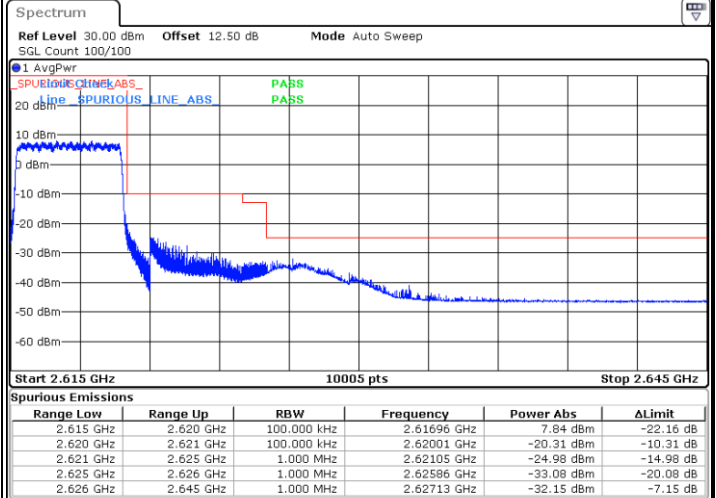
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



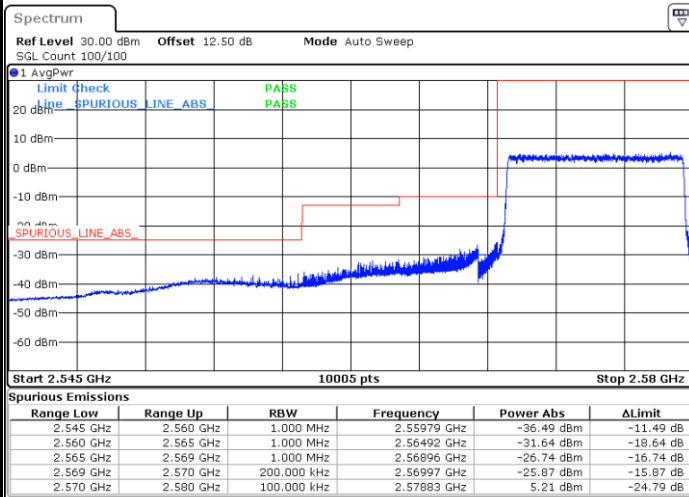
Highest Band Edge / Full RB



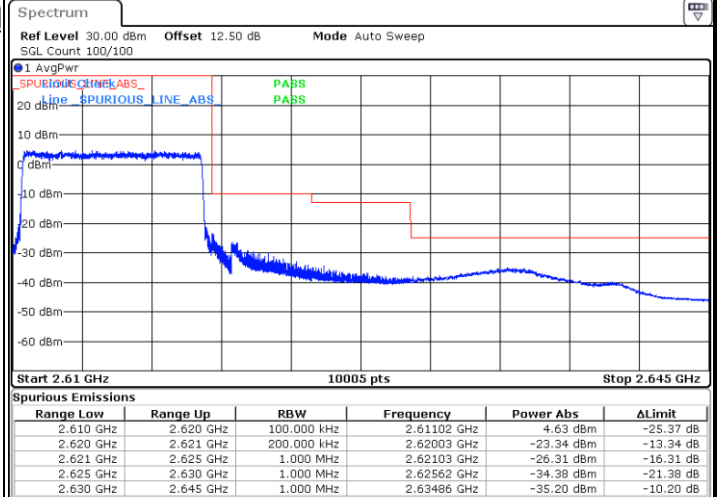


LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / Full RB

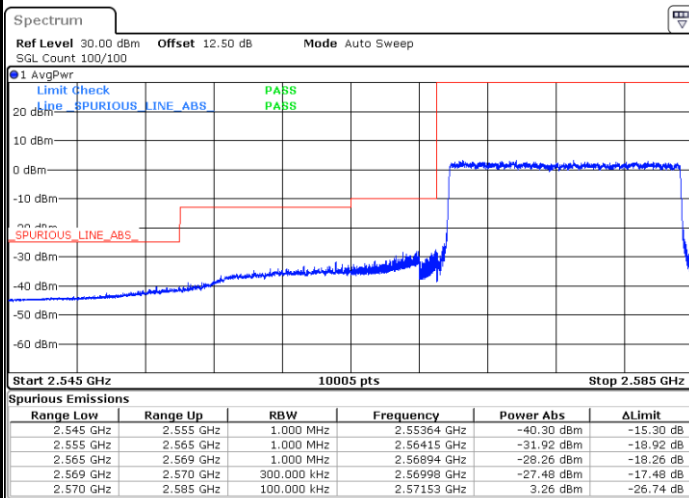


Highest Band Edge / Full RB

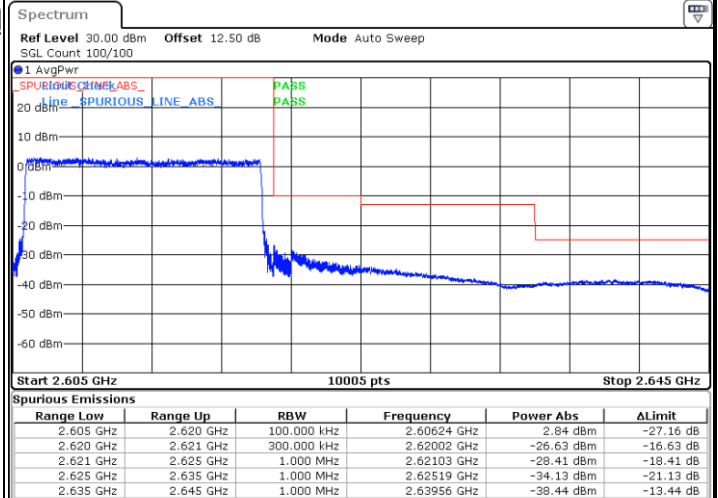


LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

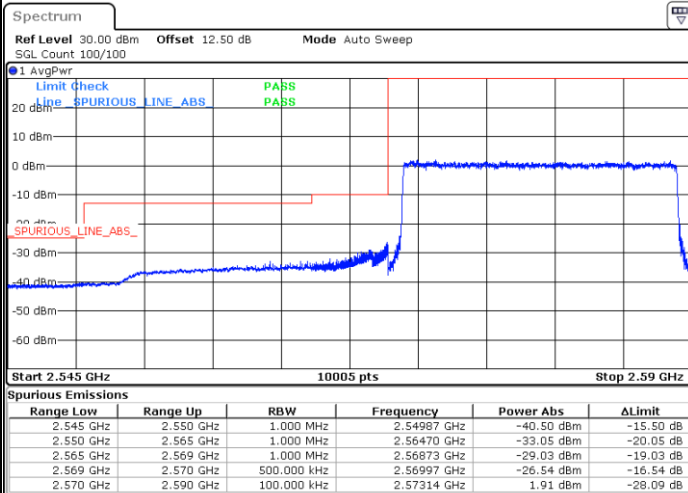




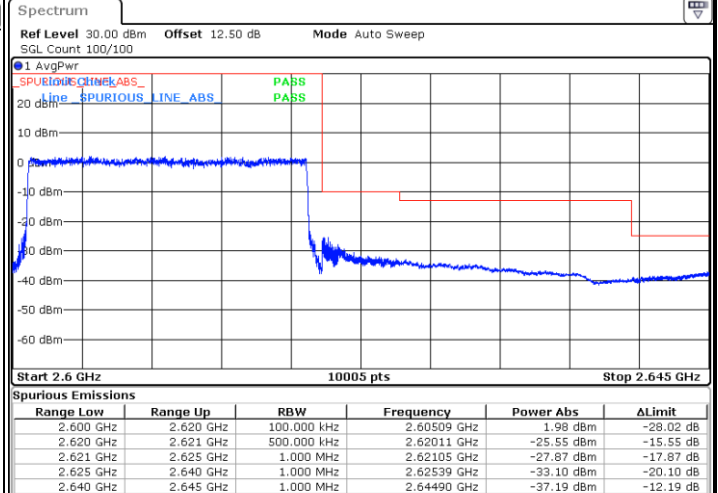
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.SEP.2026 15:55:08



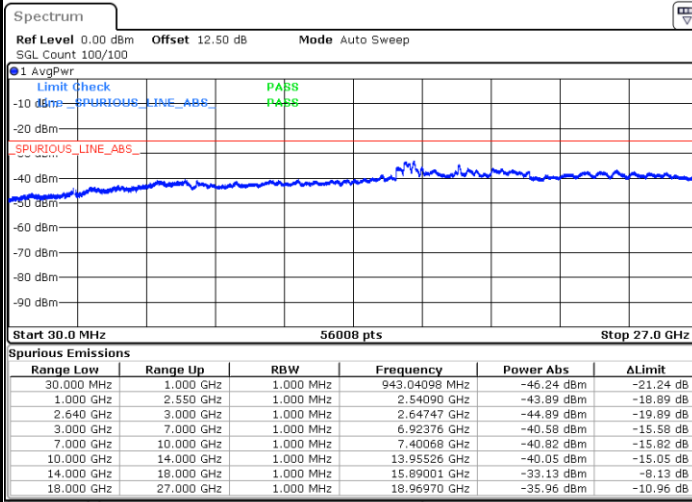
Date: 5.SEP.2026 15:56:23



Conducted Spurious Emission

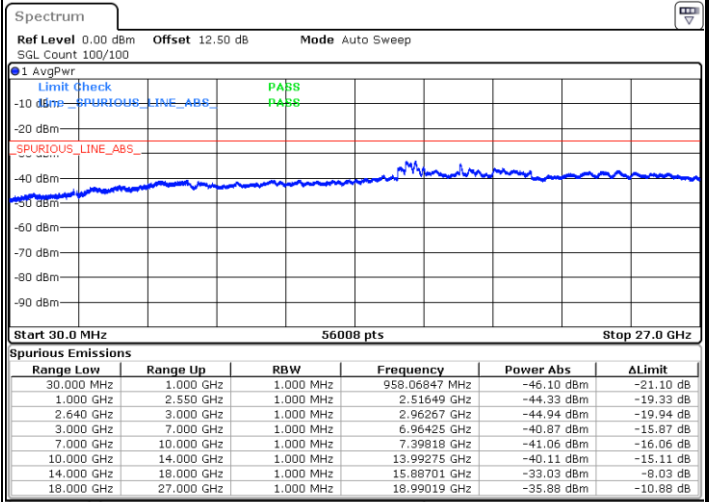
LTE Band 38 / 5MHz

Lowest Channel / QPSK



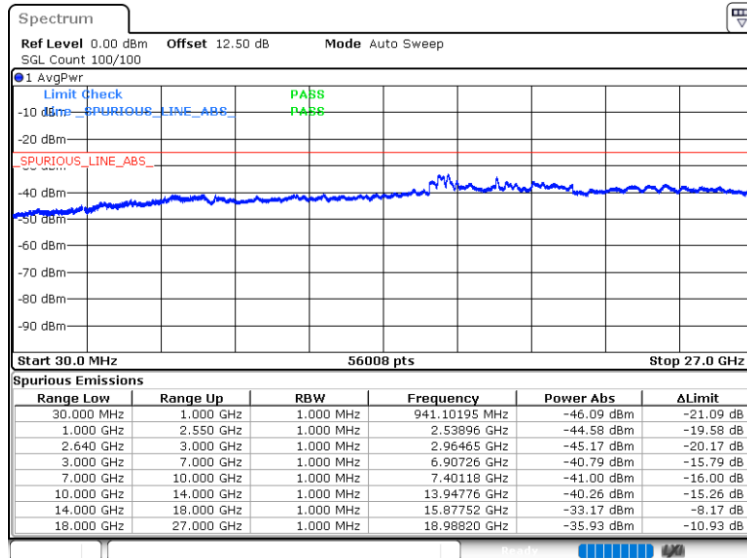
Date: 5.SEP.2026 15:58:01

Middle Channel / QPSK



Date: 5.SEP.2026 15:59:41

Highest Channel / QPSK

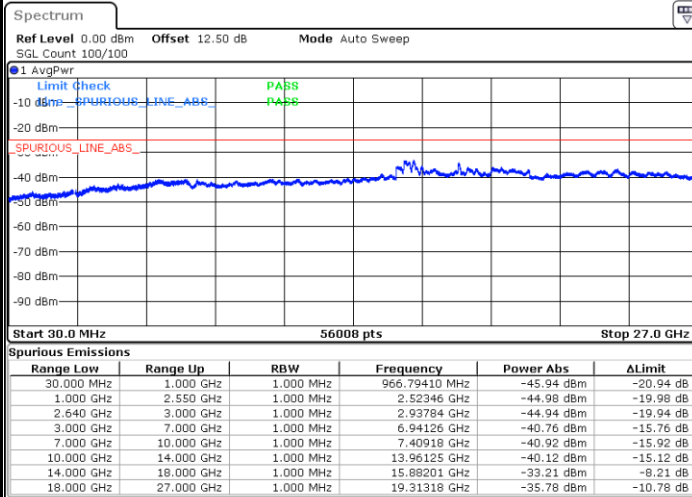


Date: 5.SEP.2026 16:01:20



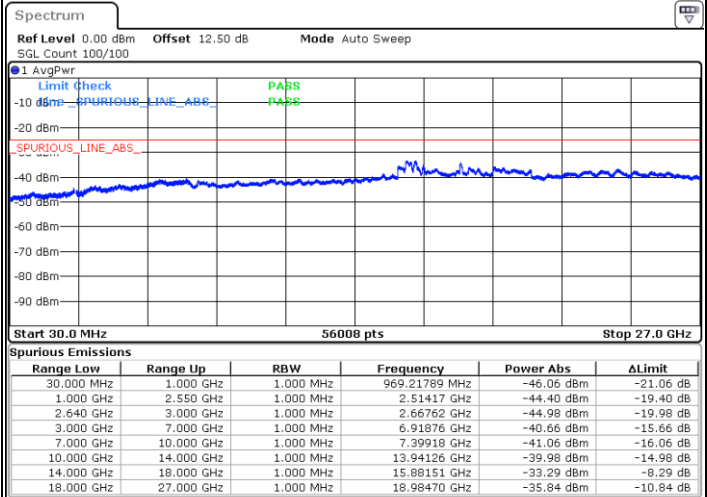
LTE Band 38 / 10MHz

Lowest Channel / QPSK



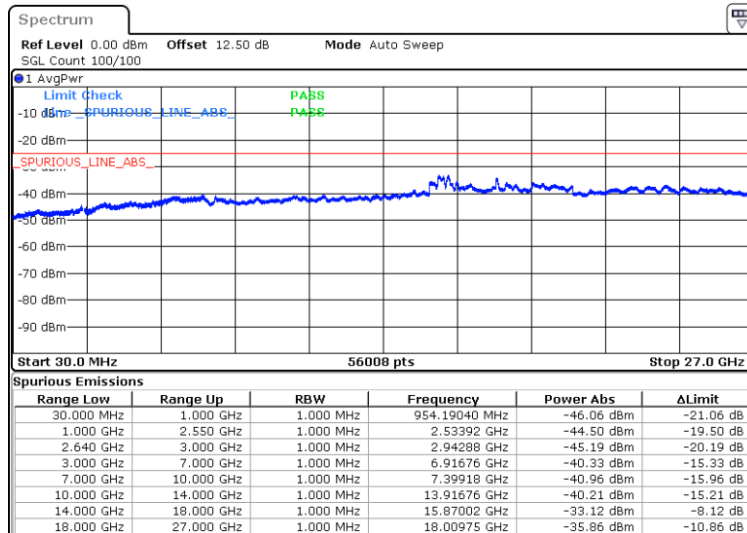
Date: 5.SEP.2026 16:03:00

Middle Channel / QPSK



Date: 5.SEP.2026 16:04:40

Highest Channel / QPSK

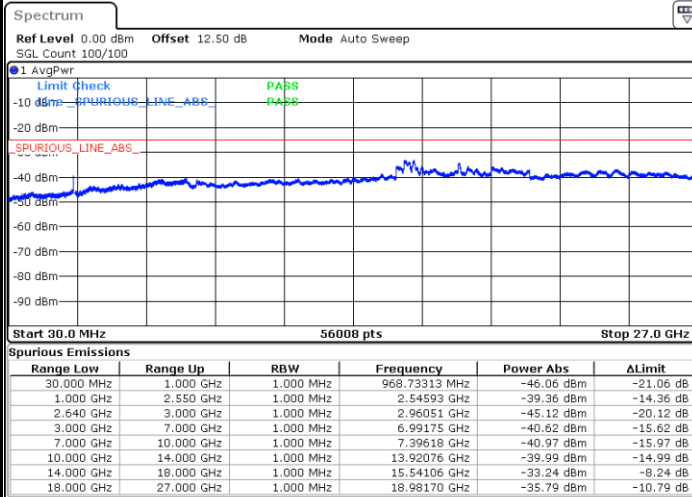


Date: 5.SEP.2026 16:06:18



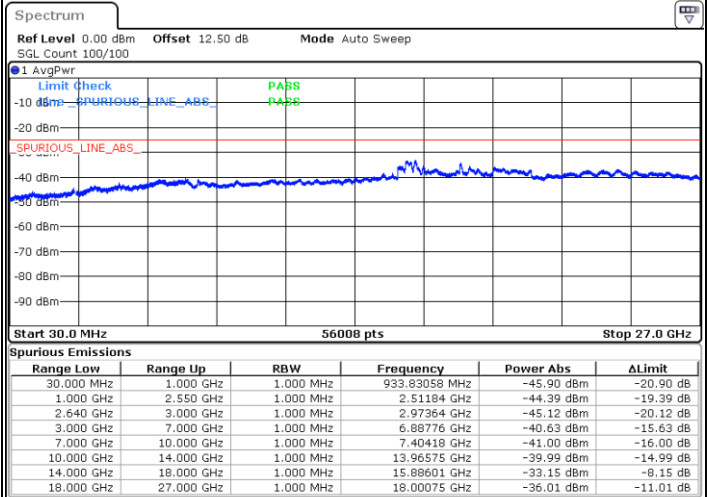
LTE Band 38 / 15MHz

Lowest Channel / QPSK



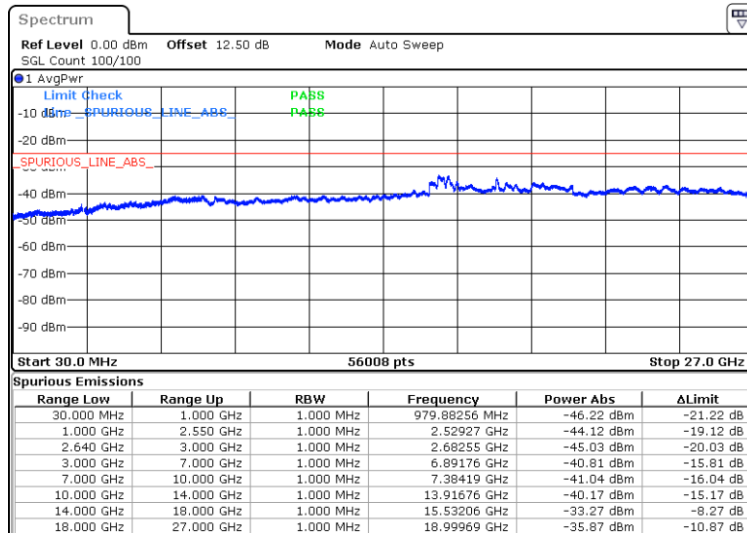
Date: 5.SEP.2026 16:07:58

Middle Channel / QPSK



Date: 5.SEP.2026 16:09:35

Highest Channel / QPSK

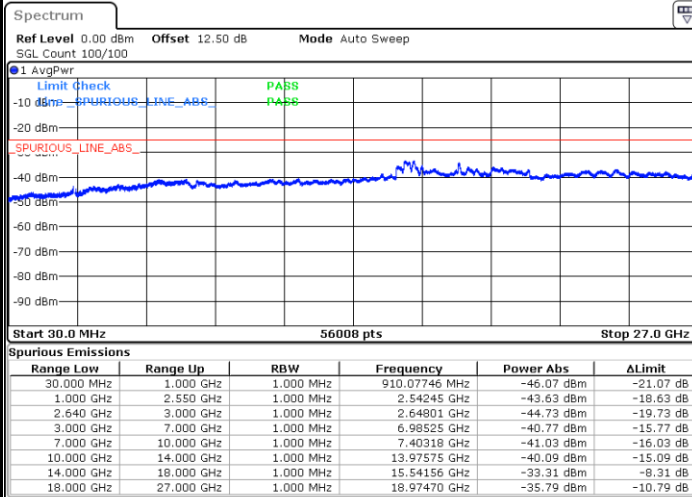


Date: 5.SEP.2026 16:11:15



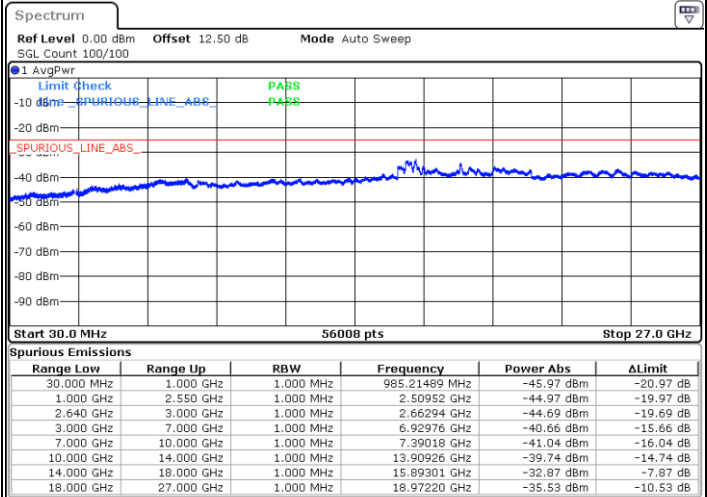
LTE Band 38 / 20MHz

Lowest Channel / QPSK



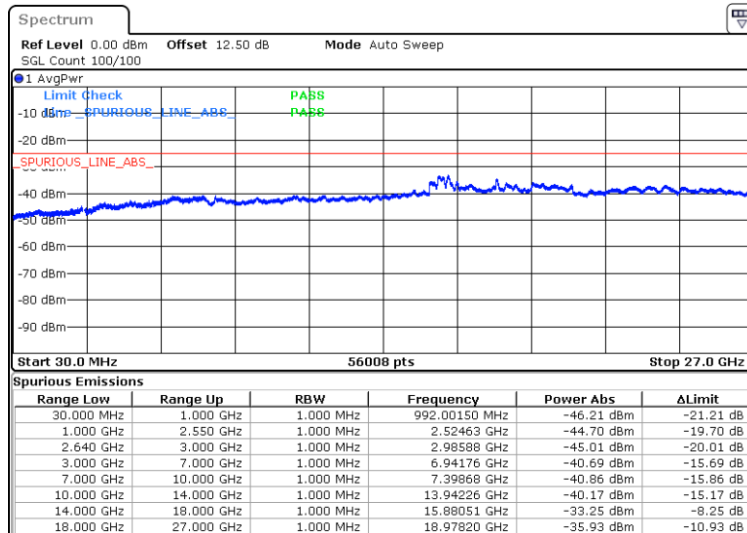
Date: 5.SEP.2026 16:12:55

Middle Channel / QPSK



Date: 5.SEP.2026 16:14:34

Highest Channel / QPSK



Date: 5.SEP.2026 16:16:13

**Frequency Stability**

Test Conditions		LTE Band 38 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0008	2.1	Yes	PASS
40	Normal Voltage	0.0012	3	Yes	
30	Normal Voltage	0.0062	16	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0055	14.3	Yes	
0	Normal Voltage	0.0038	9.9	Yes	
-10	Normal Voltage	0.0054	14	Yes	
-20	Normal Voltage	0.0046	11.9	Yes	
-30	Normal Voltage	0.0033	8.5	Yes	
20	Maximum Voltage	0.0042	11	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0009	2.4	Yes	

Note:

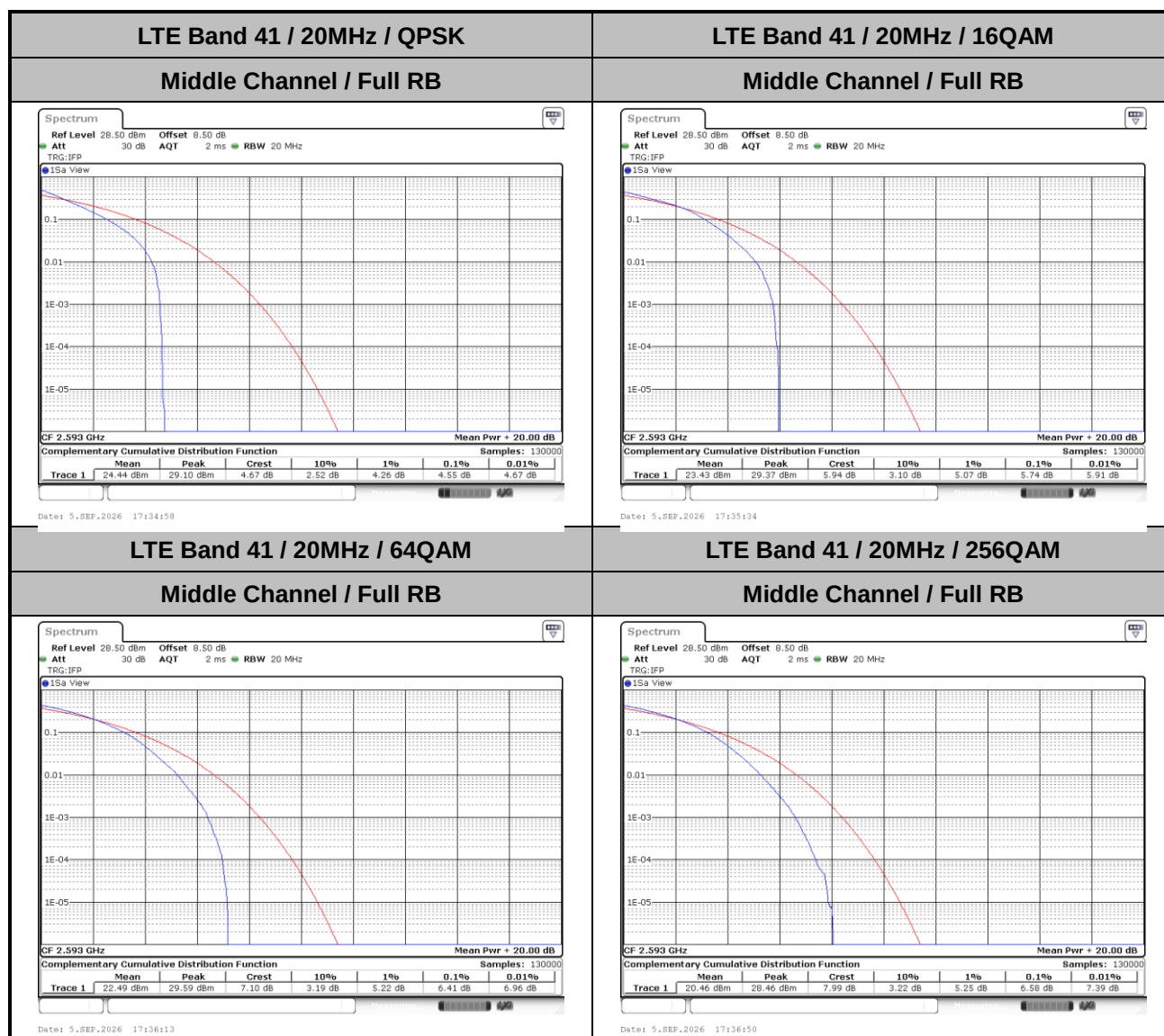
1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 41 PA (Reference Designator)

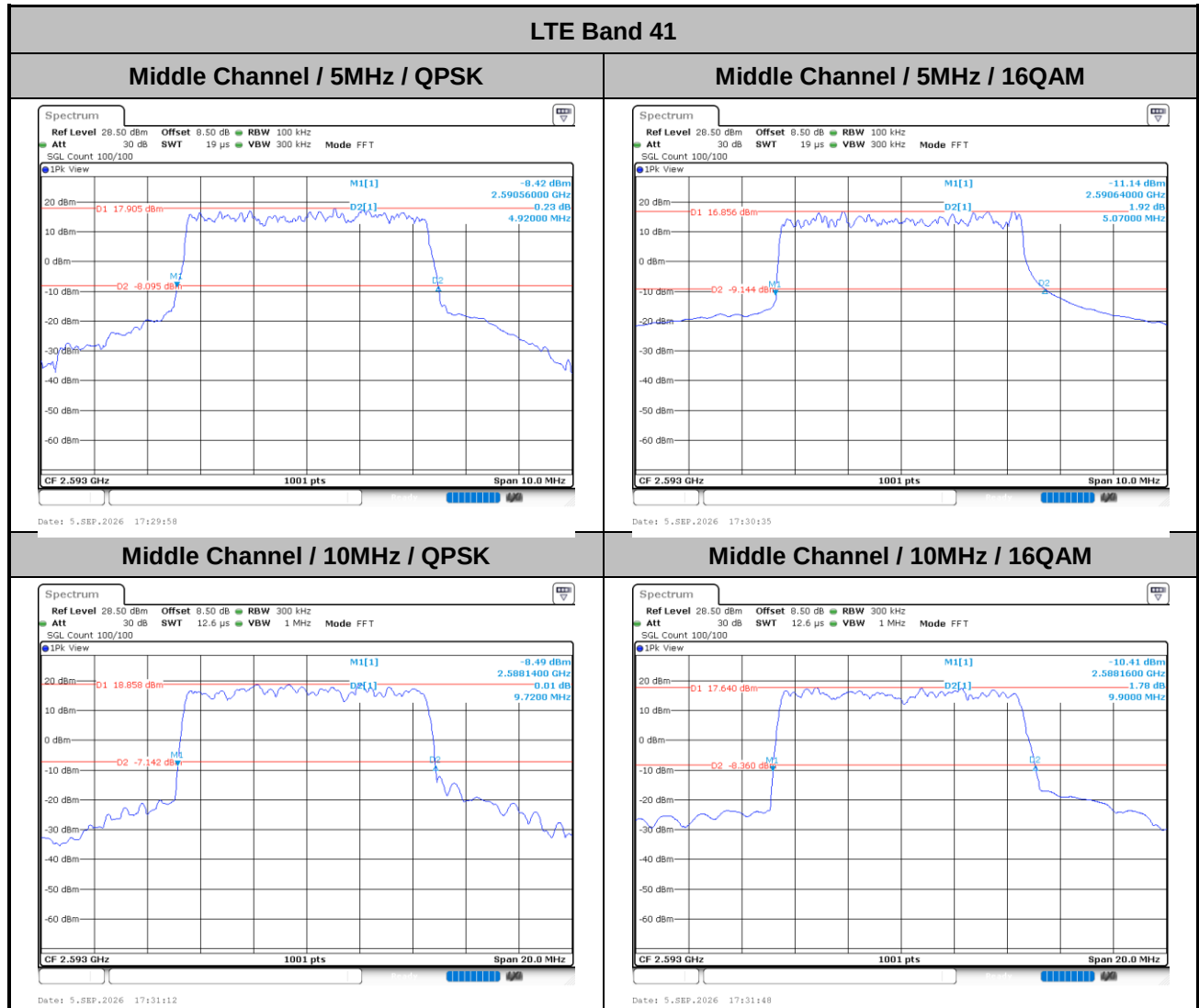
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.55	5.74	6.41	6.58	PASS



**26dB Bandwidth**

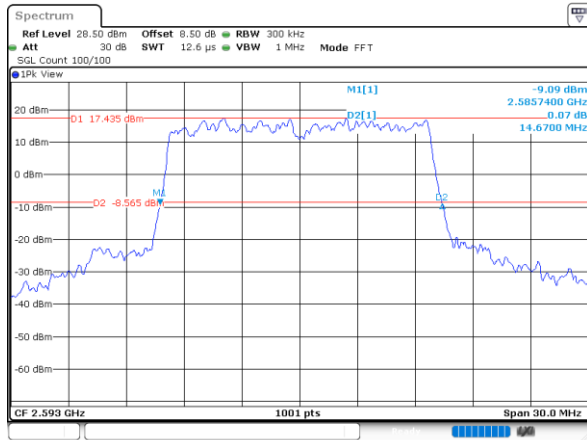
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.92	5.07	9.72	9.90	14.67	14.28	19.16	19.04



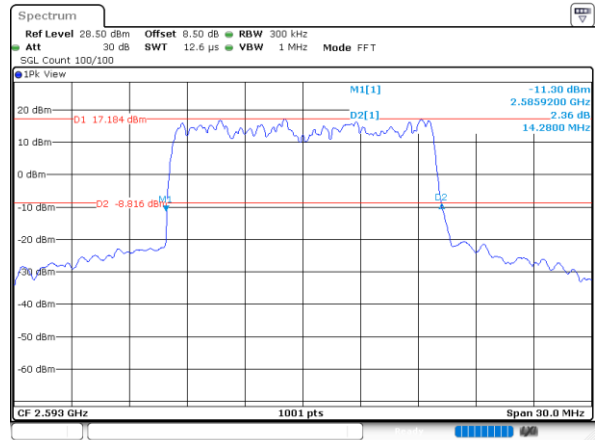


LTE Band 41

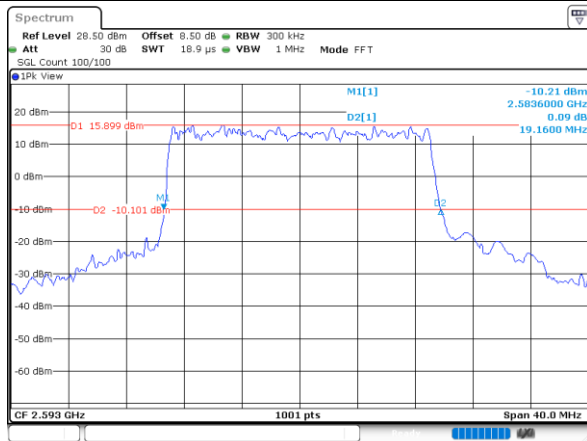
Middle Channel / 15MHz / QPSK



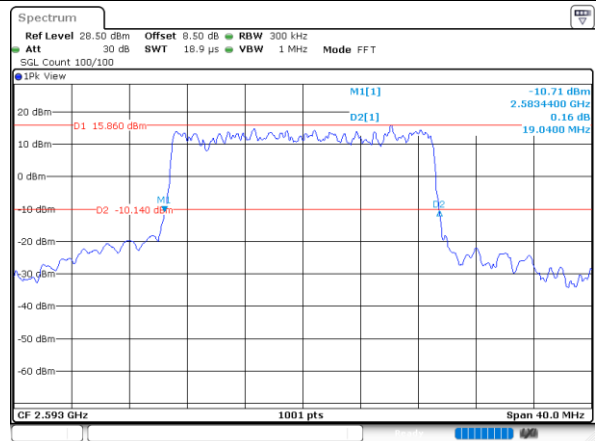
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



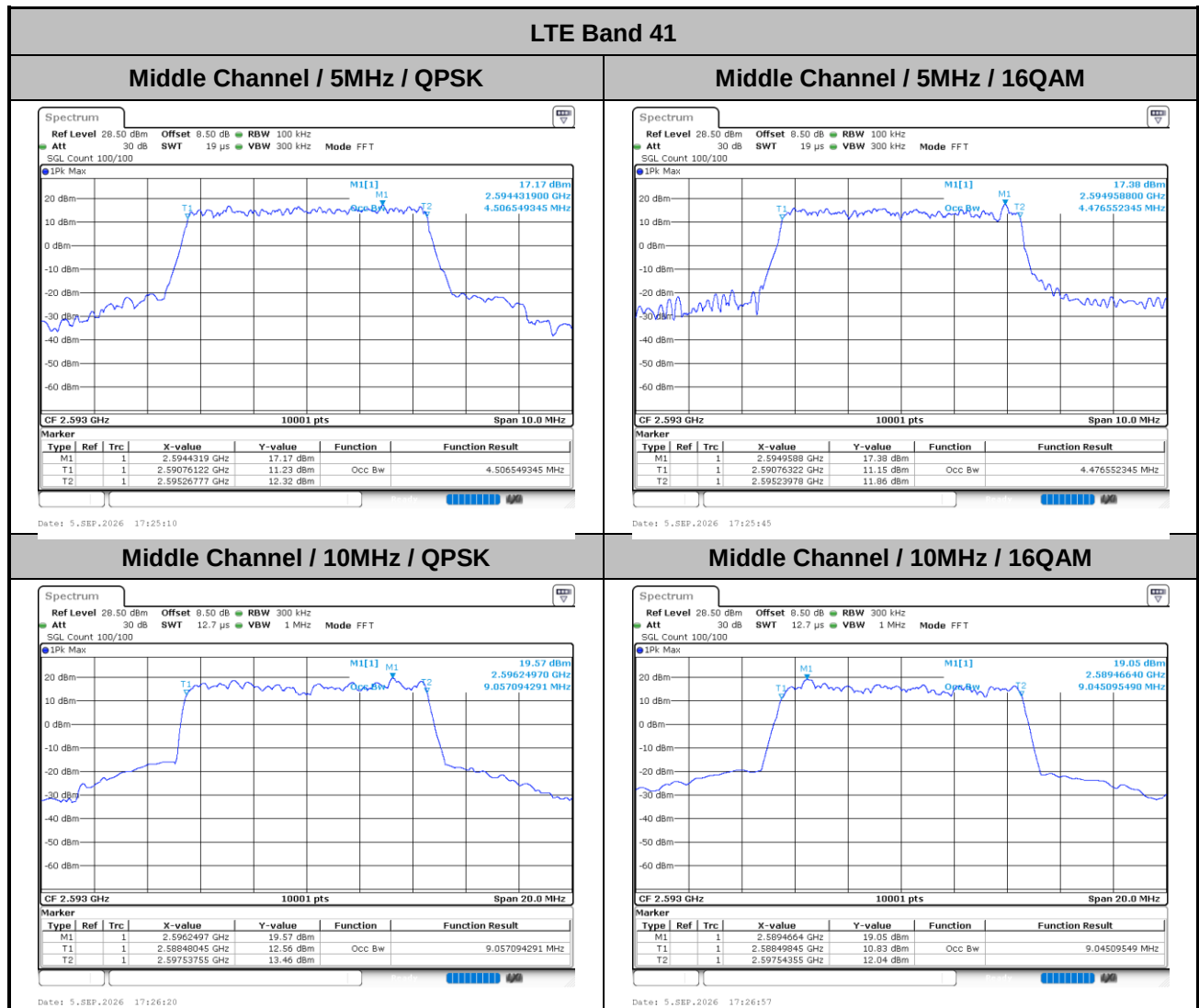
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

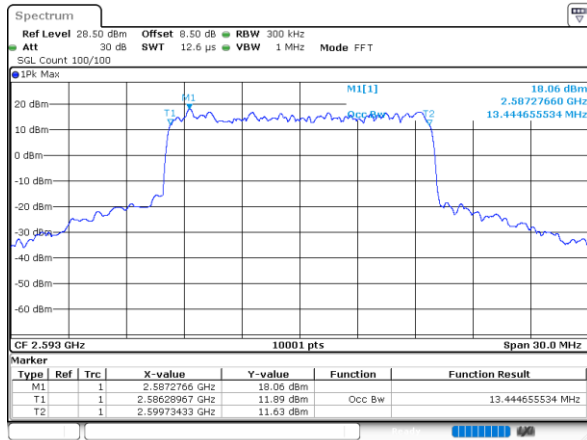
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.47	9.05	9.04	13.44	13.47	17.90	17.82



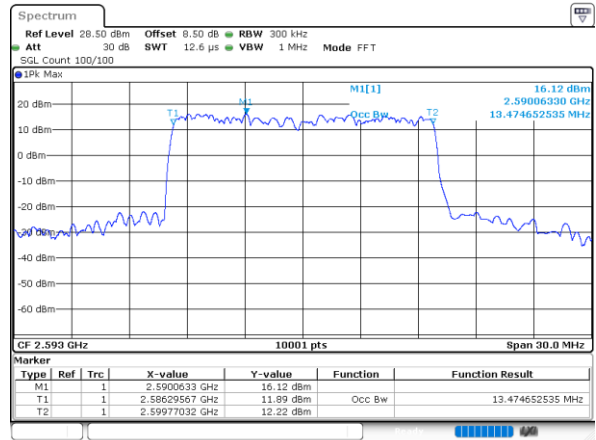


LTE Band 41

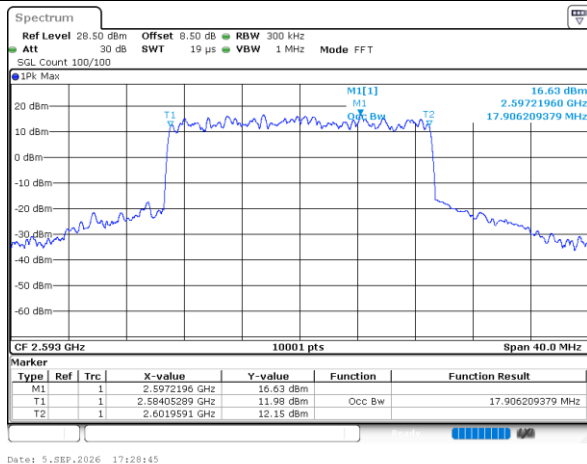
Middle Channel / 15MHz / QPSK



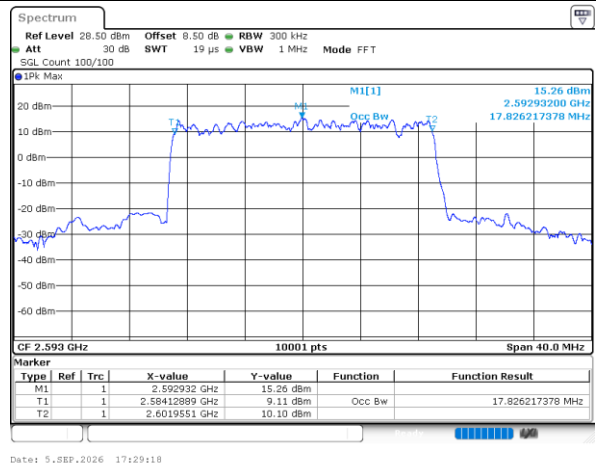
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

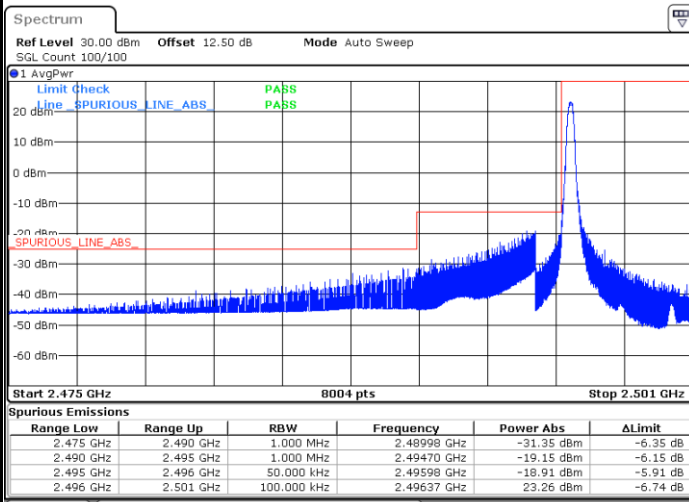




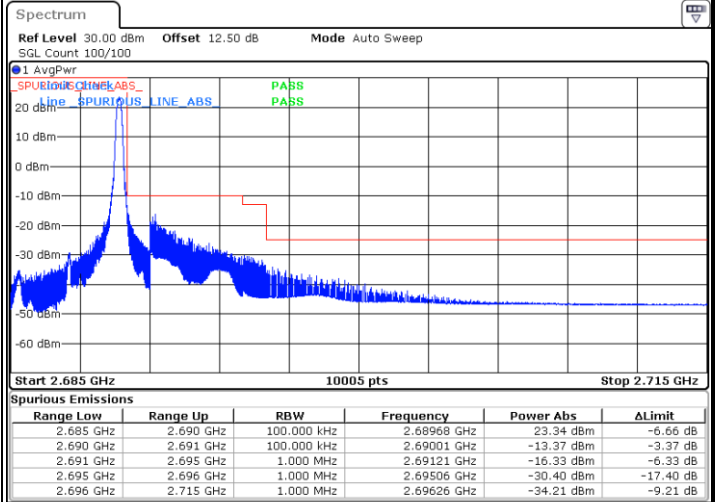
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

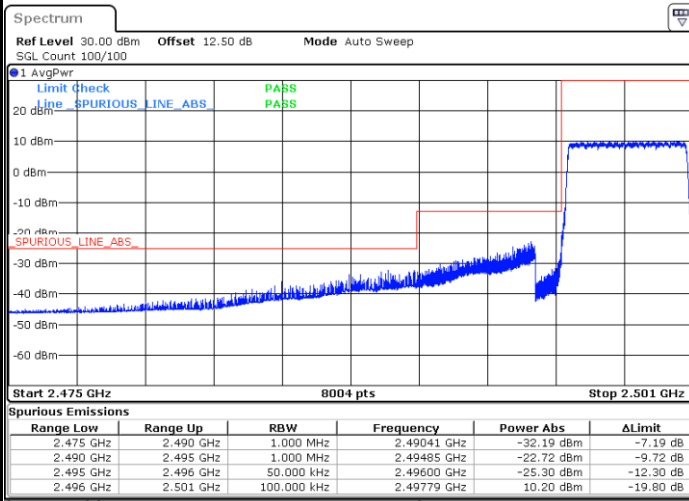
Lowest Band Edge / 1 RB



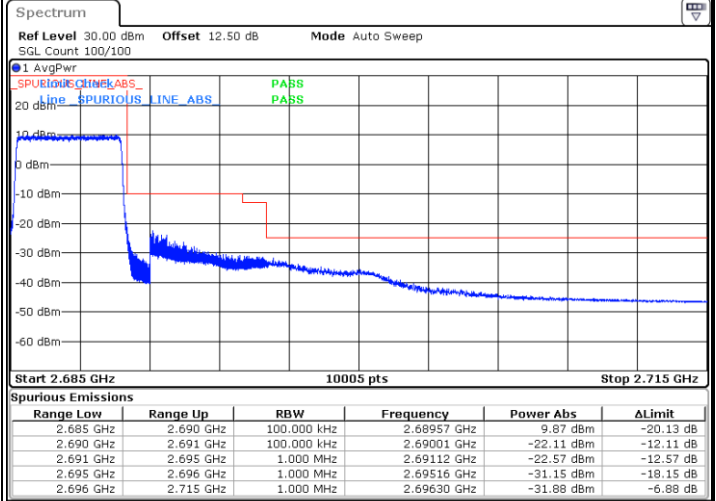
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



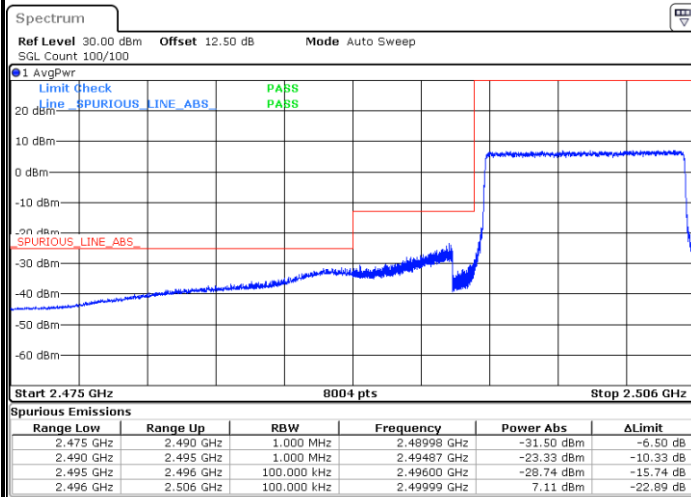
Highest Band Edge / Full RB



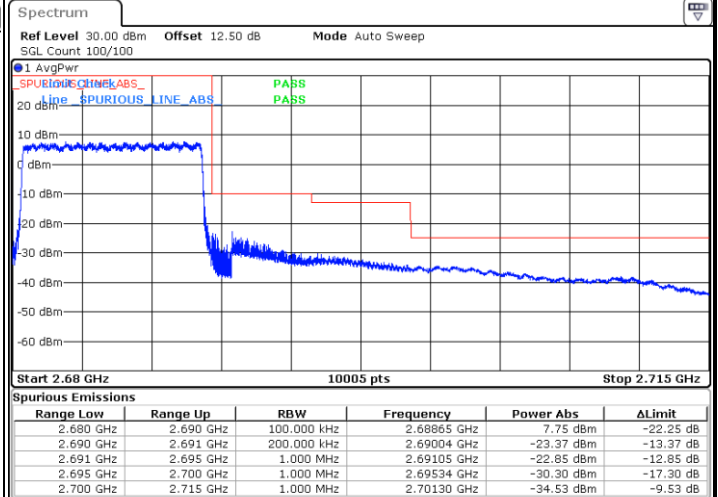


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

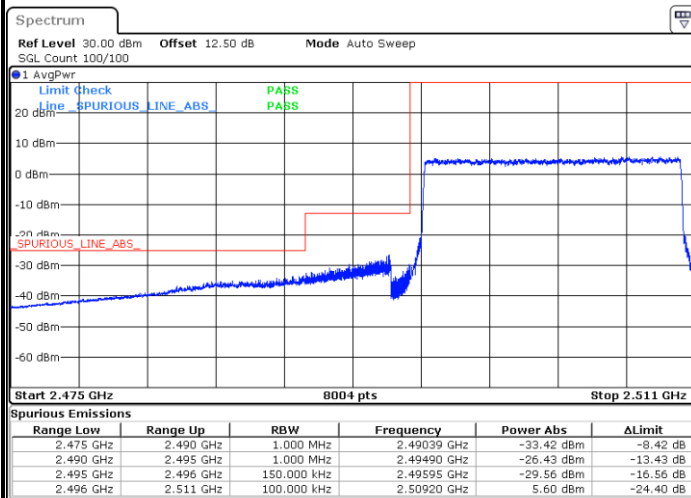


Highest Band Edge / Full RB

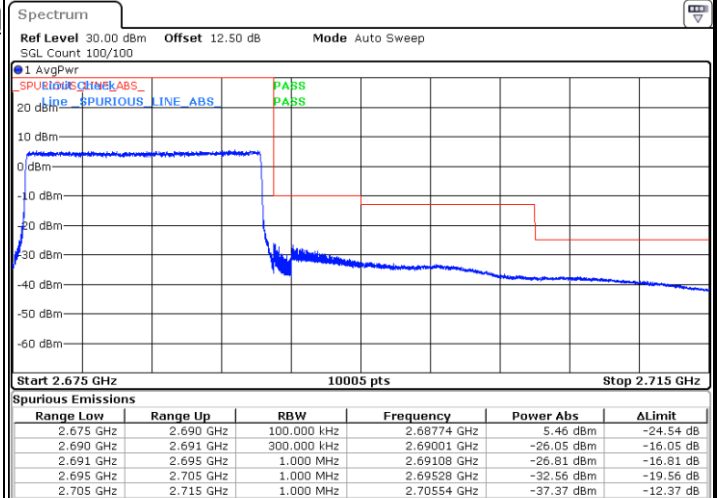


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

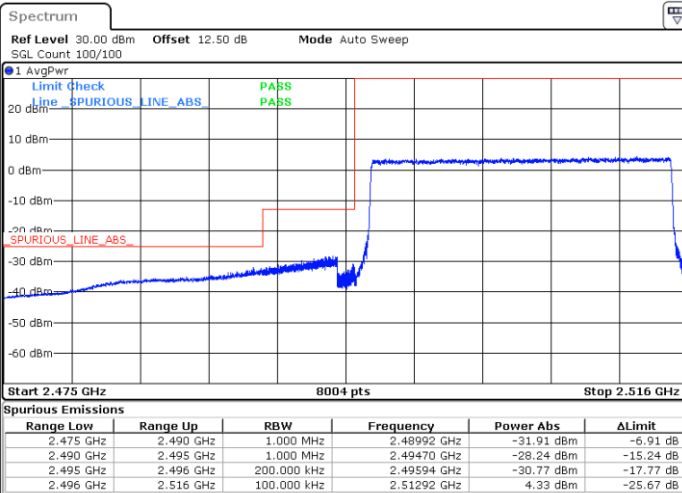




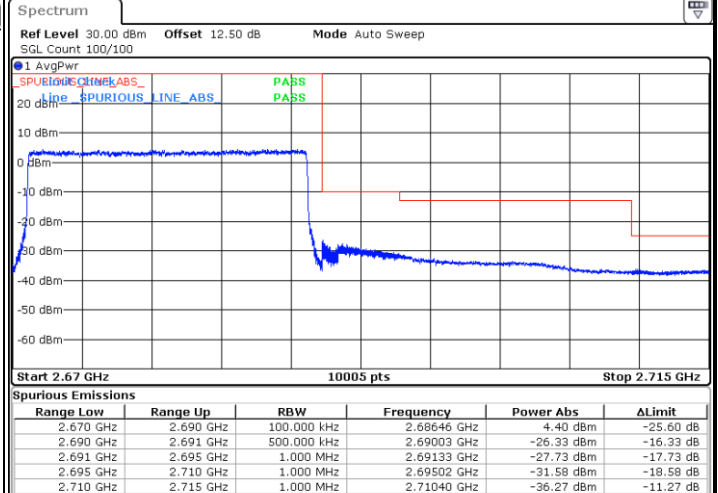
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.SEP.2026 17:47:59



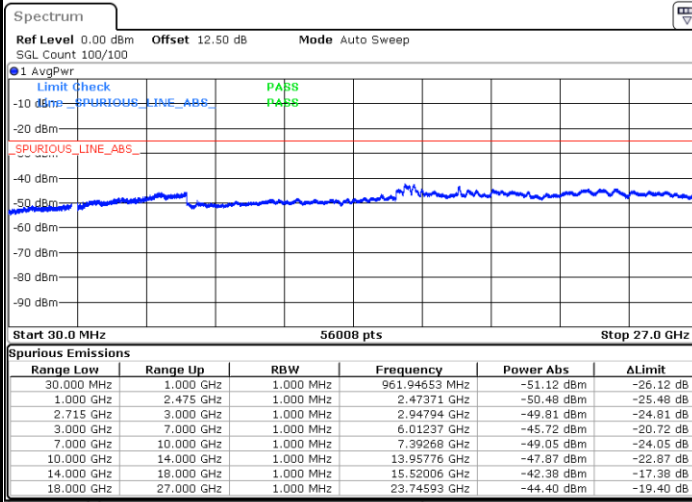
Date: 5.SEP.2026 17:49:13



Conducted Spurious Emission

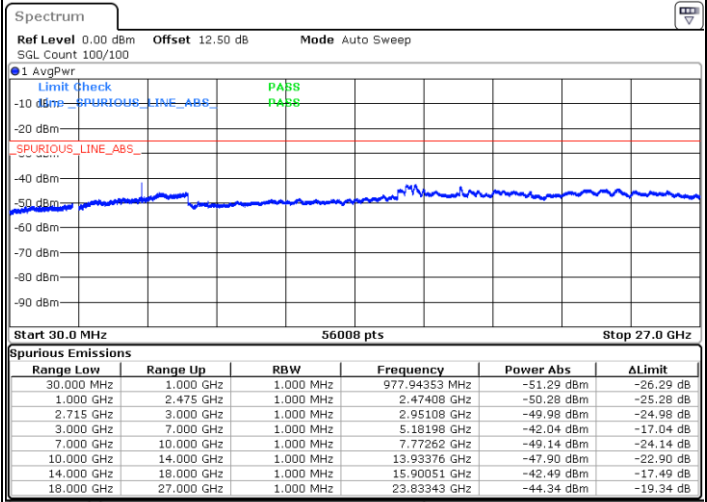
LTE Band 41 / 5MHz

Lowest Channel / QPSK



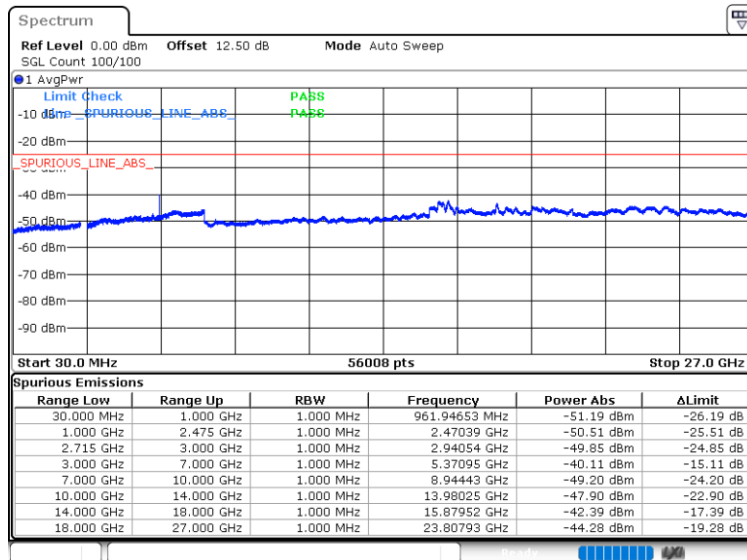
Date: 5.SEP.2026 17:50:49

Middle Channel / QPSK



Date: 5.SEP.2026 17:52:29

Highest Channel / QPSK

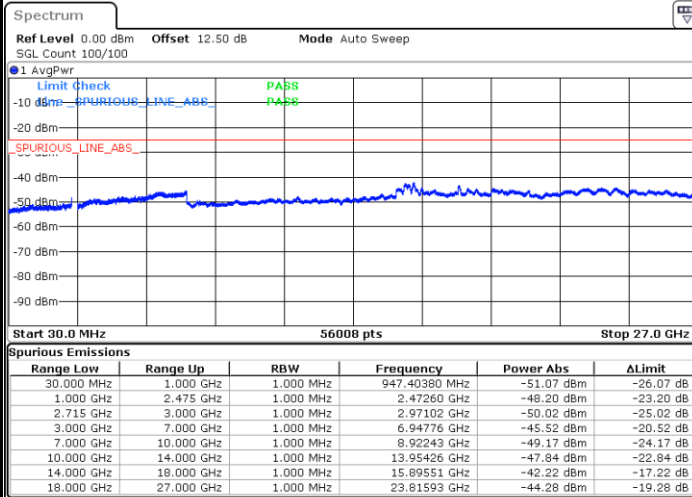


Date: 5.SEP.2026 17:54:10



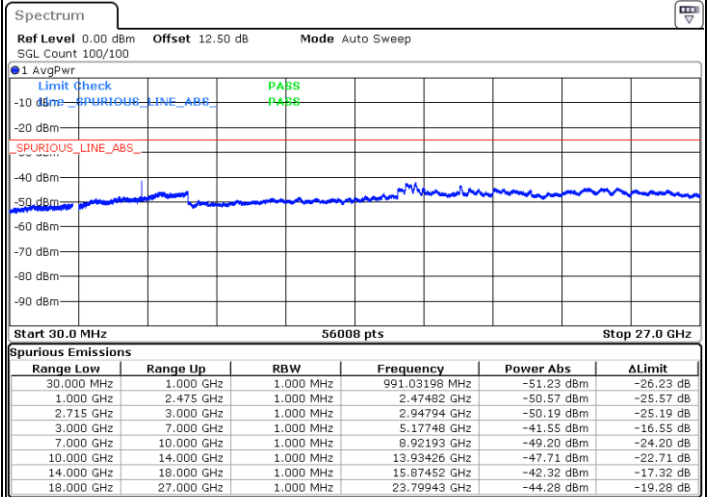
LTE Band 41 / 10MHz

Lowest Channel / QPSK



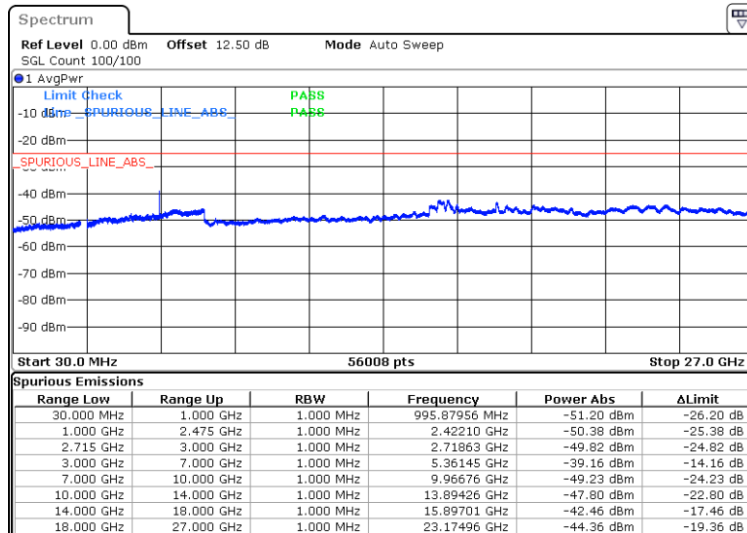
Date: 5.SEP.2026 17:55:50

Middle Channel / QPSK



Date: 5.SEP.2026 17:57:29

Highest Channel / QPSK

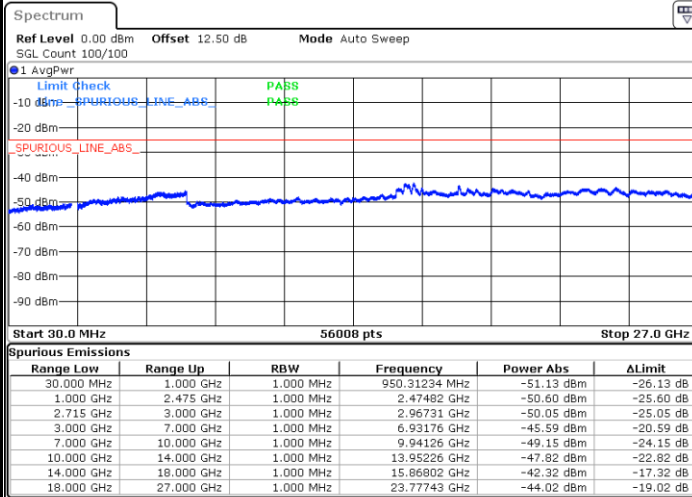


Date: 5.SEP.2026 17:59:08



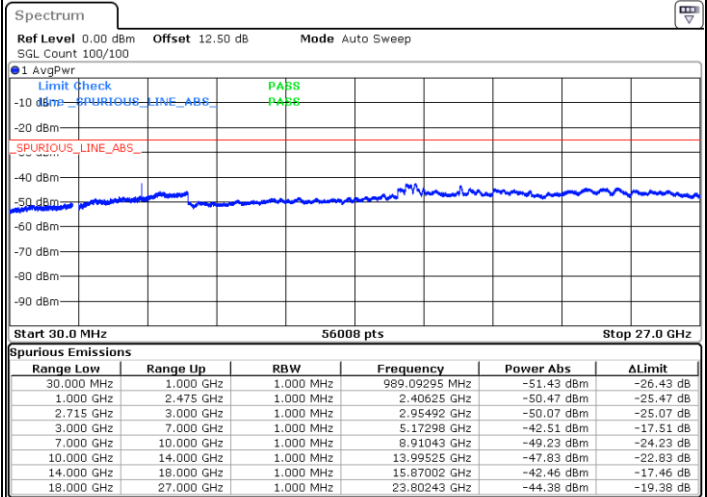
LTE Band 41 / 15MHz

Lowest Channel / QPSK



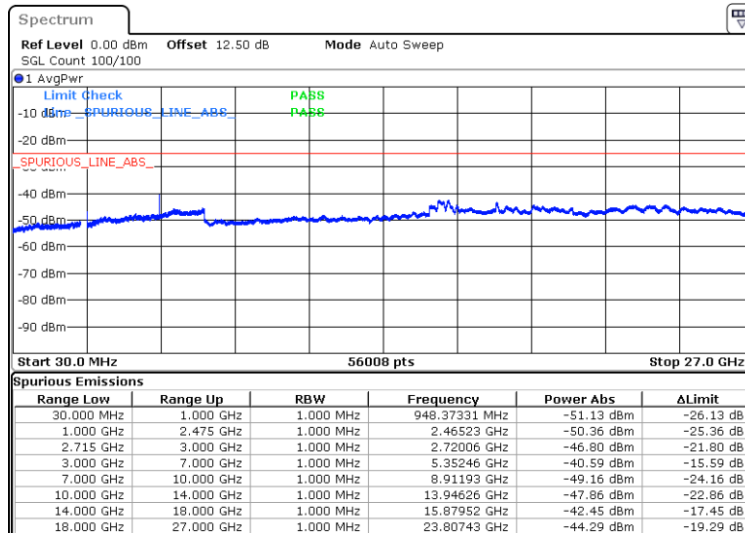
Date: 5.SEP.2026 18:00:47

Middle Channel / QPSK



Date: 5.SEP.2026 18:02:25

Highest Channel / QPSK

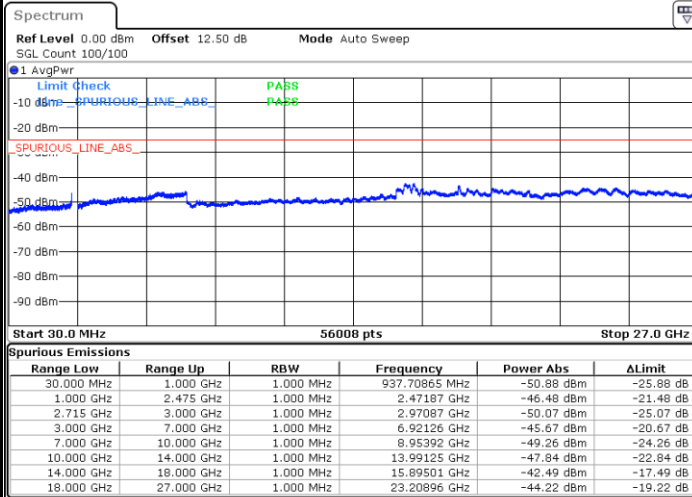


Date: 5.SEP.2026 18:04:02



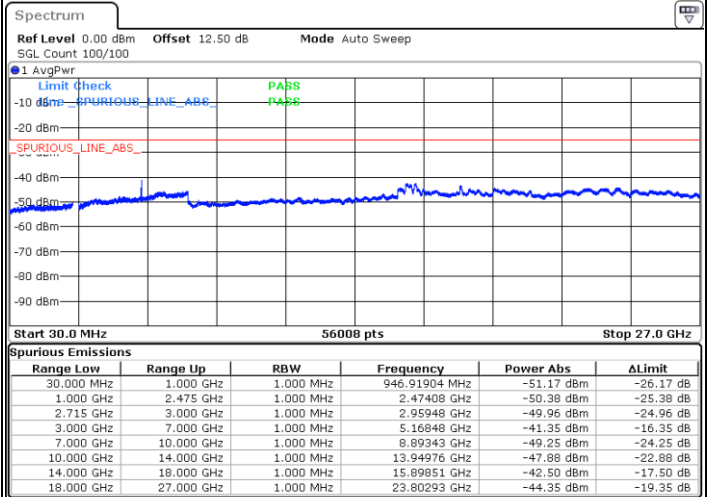
LTE Band 41 / 20MHz

Lowest Channel / QPSK



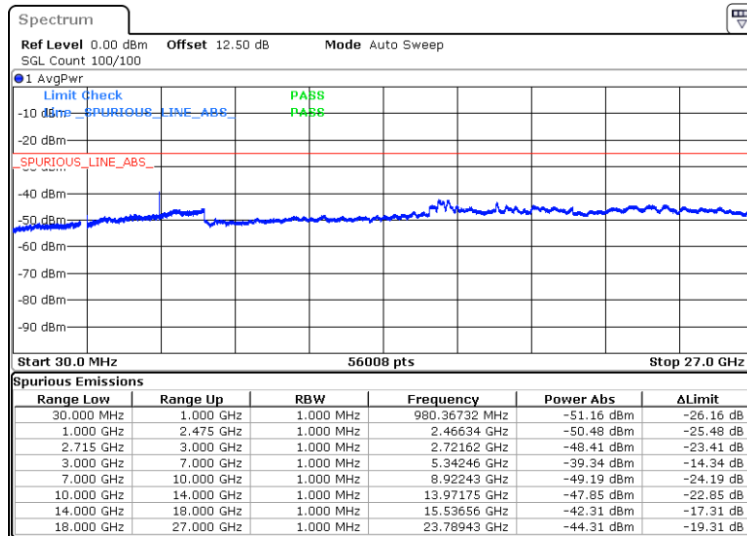
Date: 5.SEP.2026 18:05:44

Middle Channel / QPSK



Date: 5.SEP.2026 18:07:22

Highest Channel / QPSK



Date: 5.SEP.2026 18:08:59

**Frequency Stability**

Test Conditions		LTE Band 41 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0022	-5.6	Yes	PASS
40	Normal Voltage	0.0008	-2.1	Yes	
30	Normal Voltage	0.0040	-10.4	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0022	5.8	Yes	
0	Normal Voltage	0.0048	-12.5	Yes	
-10	Normal Voltage	0.0007	1.9	Yes	
-20	Normal Voltage	0.0033	-8.6	Yes	
-30	Normal Voltage	0.0009	2.3	Yes	
20	Maximum Voltage	0.0009	-2.4	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0007	-1.7	Yes	

Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 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 42 PA (Reference Designator)

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.74	5.62	6.72	PASS

