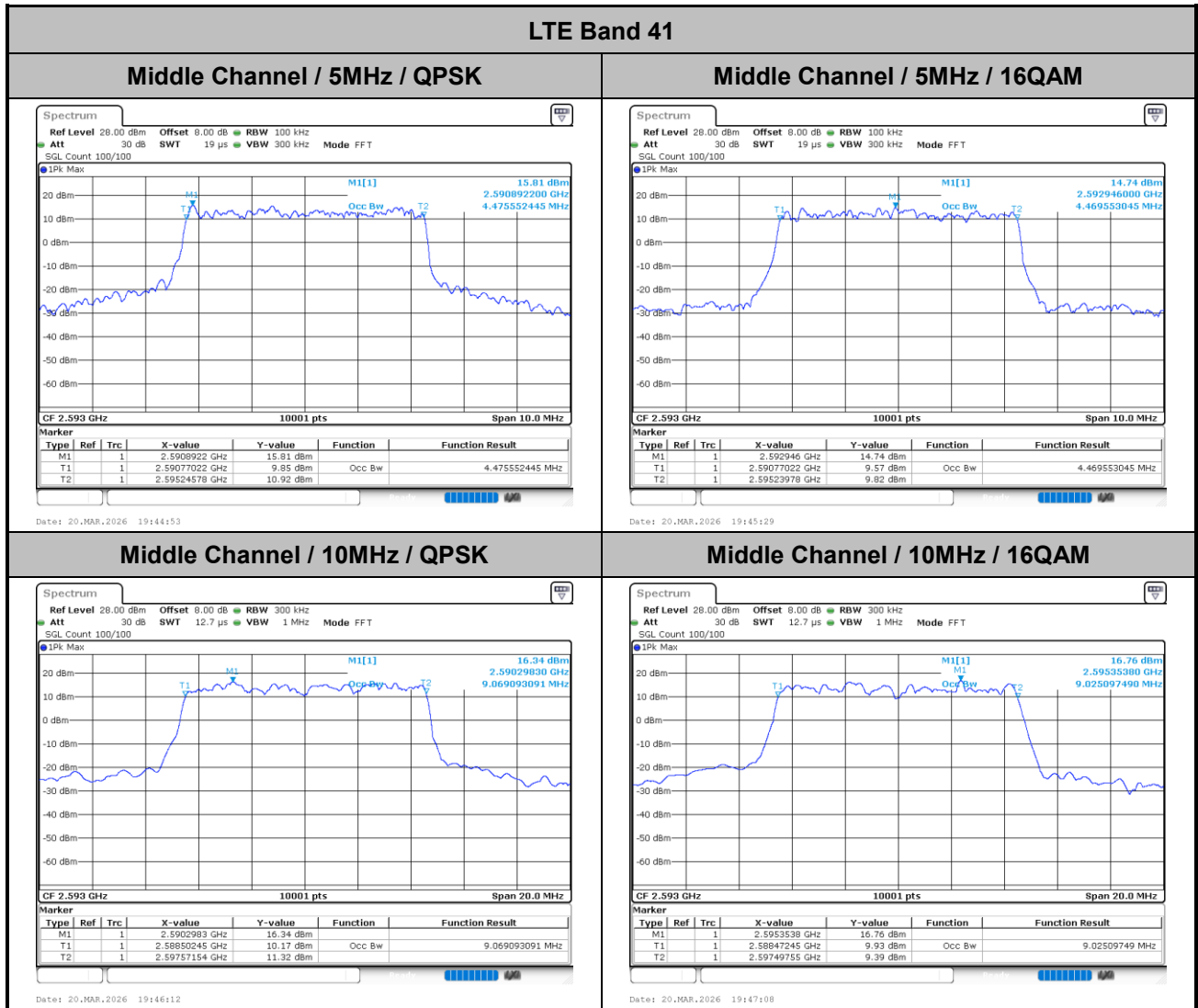




Occupied Bandwidth

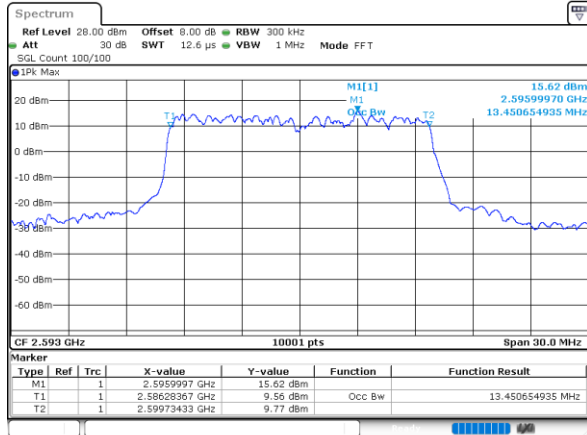
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.47	4.46	9.06	9.02	13.45	13.47	17.98	17.83



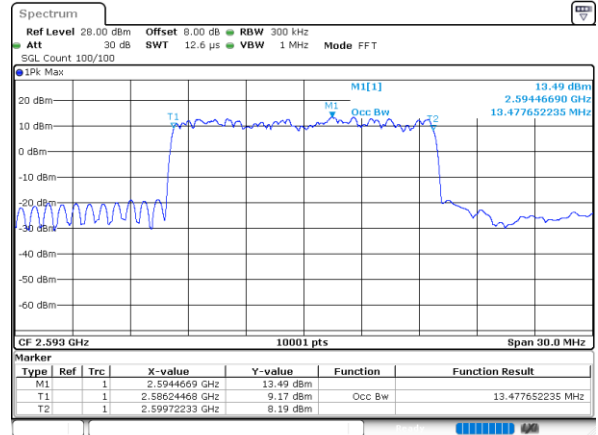


LTE Band 41

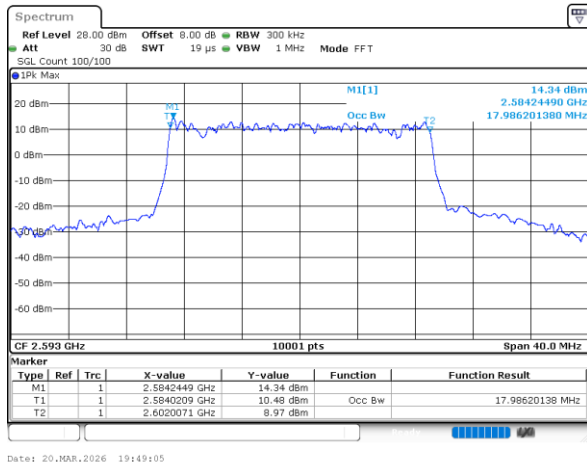
Middle Channel / 15MHz / QPSK



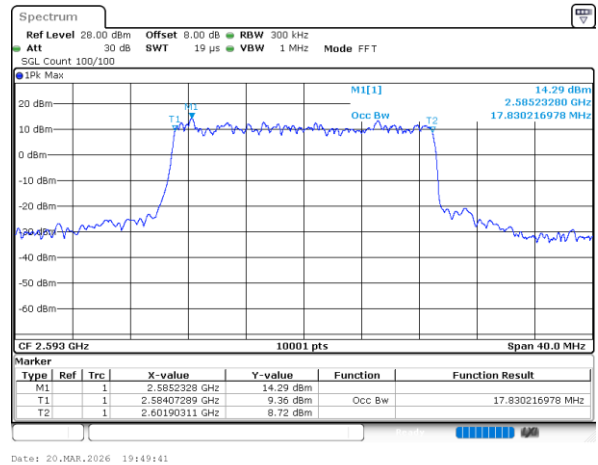
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

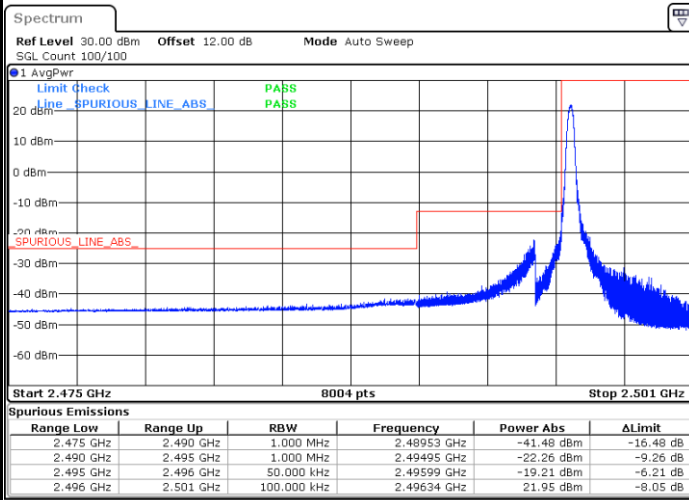




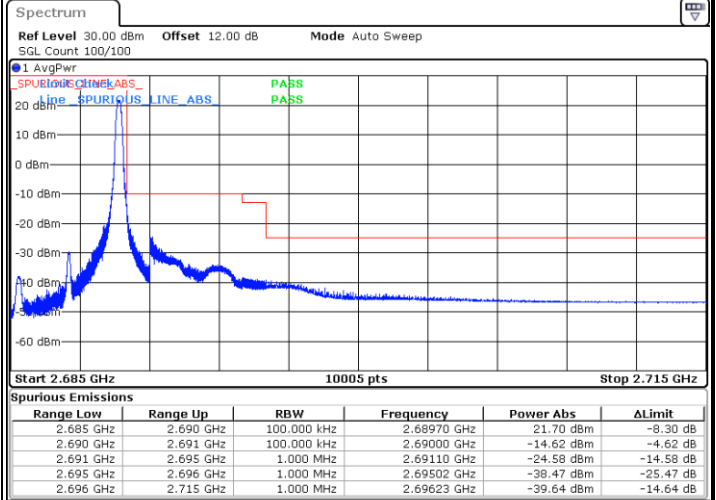
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

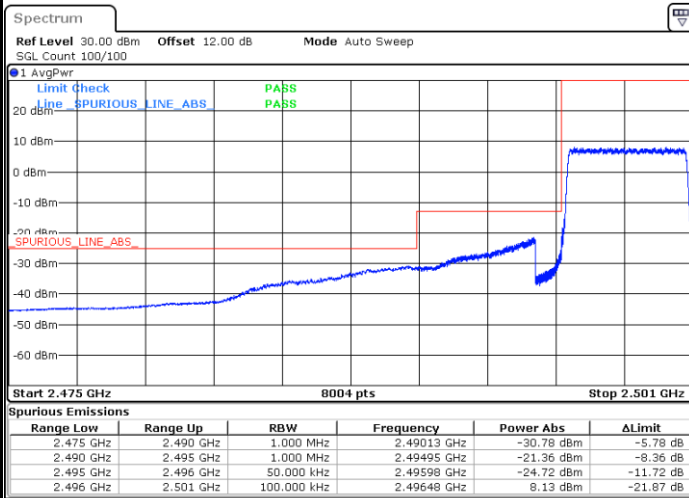
Lowest Band Edge / 1 RB



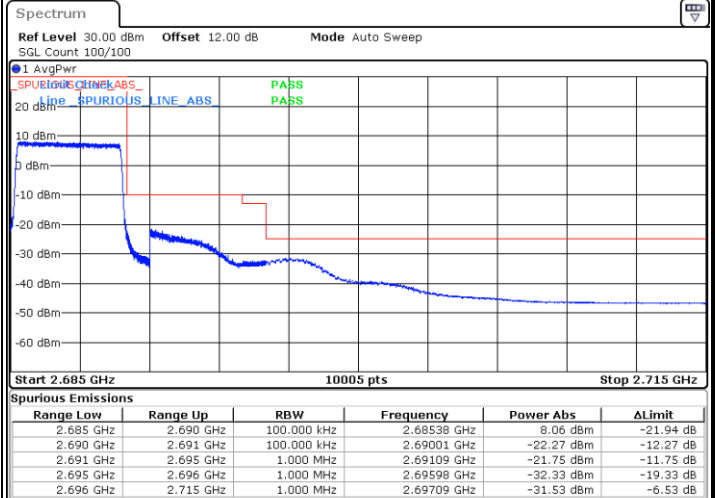
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



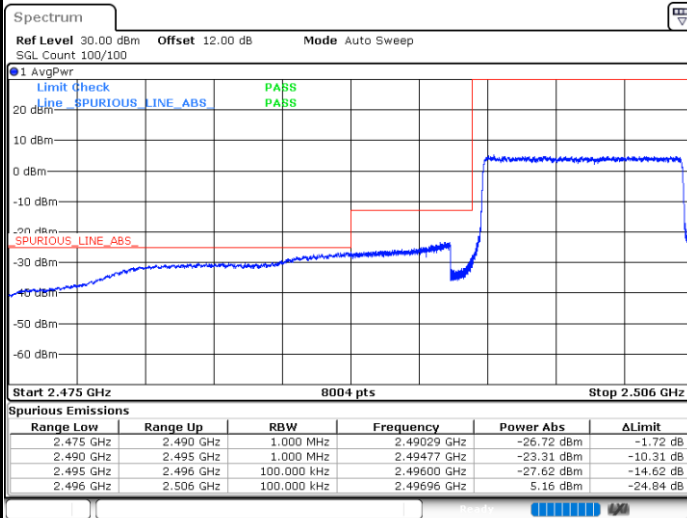
Highest Band Edge / Full RB



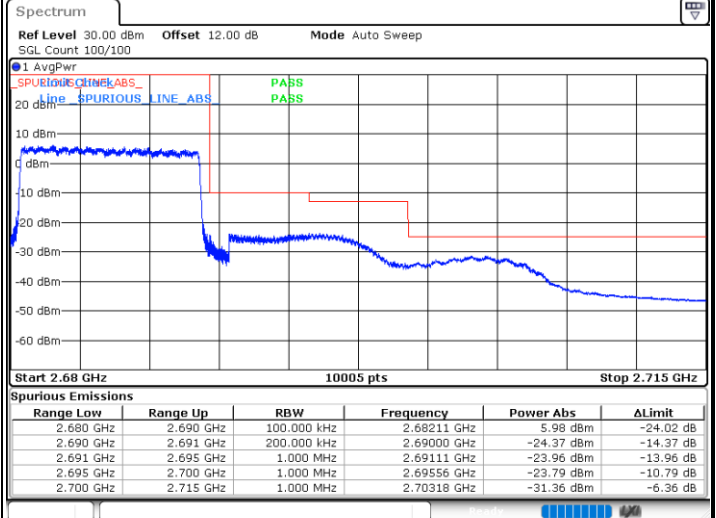


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

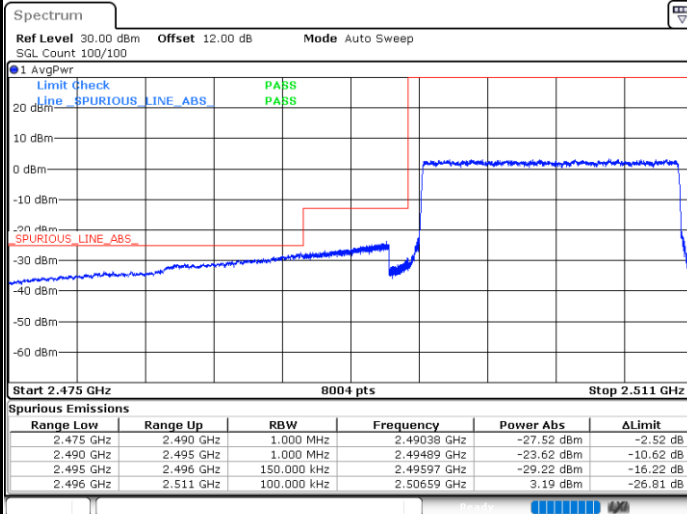


Highest Band Edge / Full RB

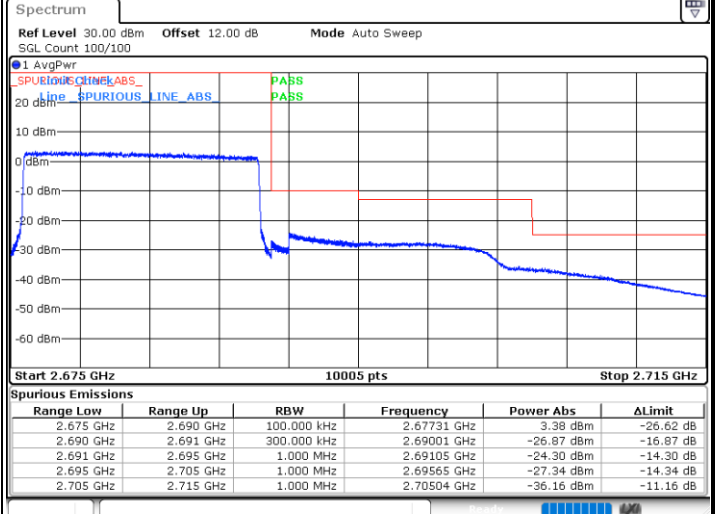


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



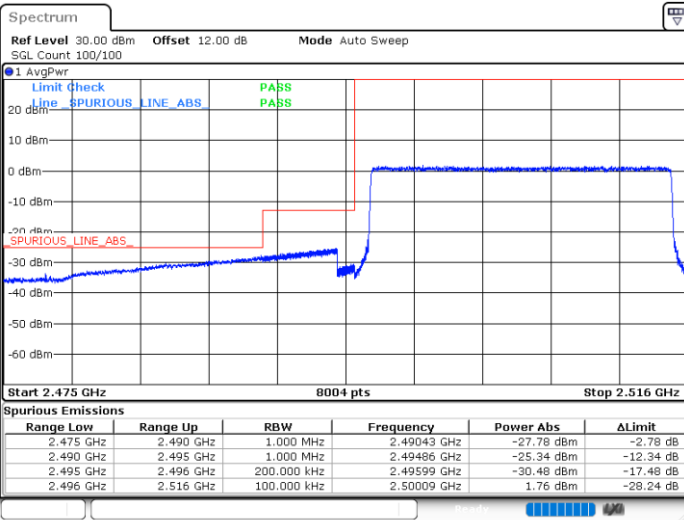
Highest Band Edge / Full RB



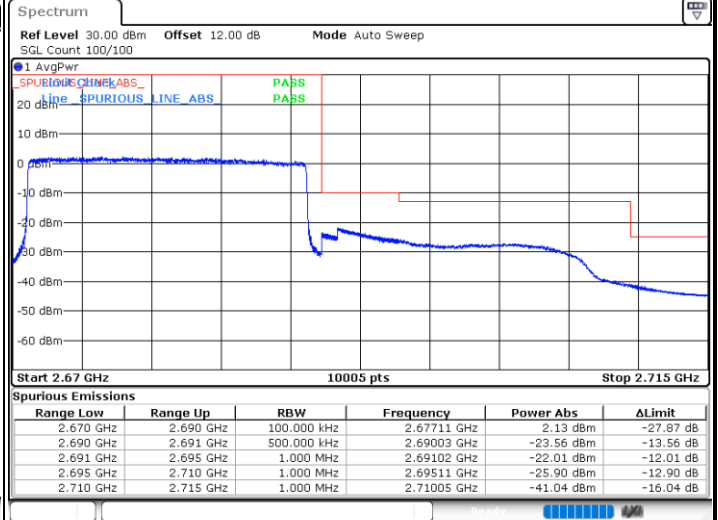


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

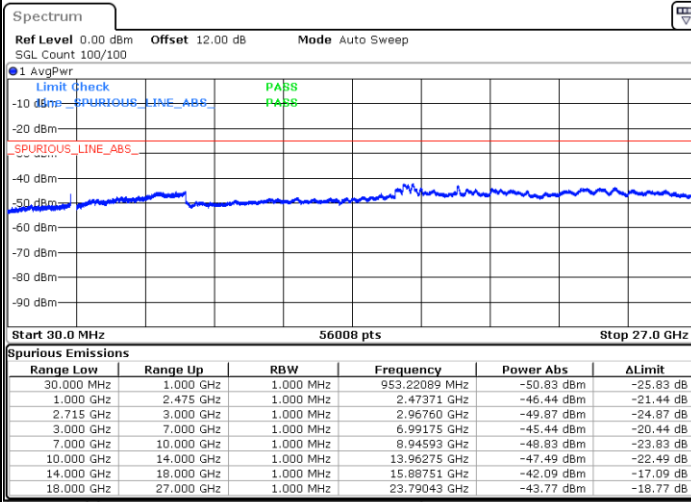




Conducted Spurious Emission

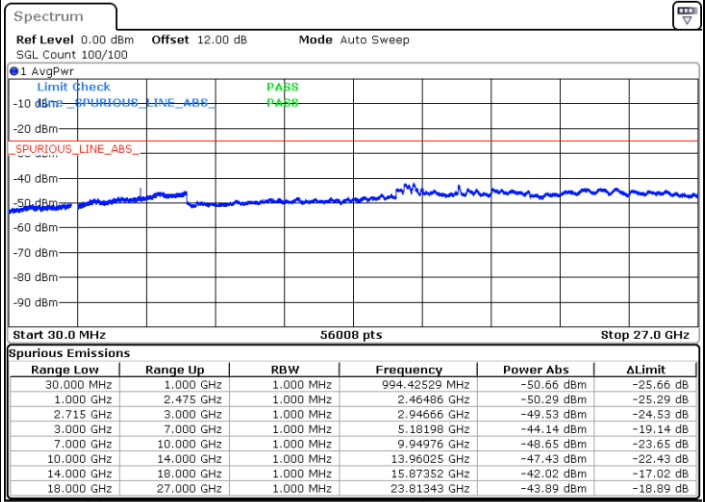
LTE Band 41 / 5MHz

Lowest Channel / QPSK



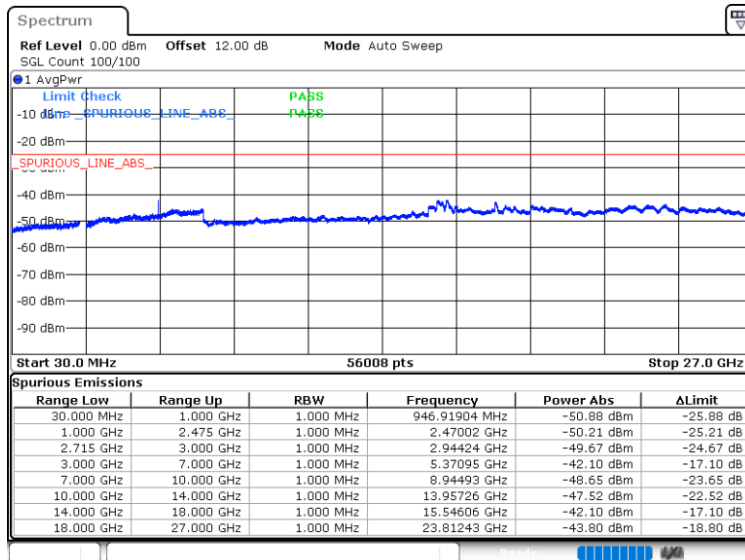
Date: 20.MAR.2026 20:12:24

Middle Channel / QPSK



Date: 20.MAR.2026 20:13:57

Highest Channel / QPSK

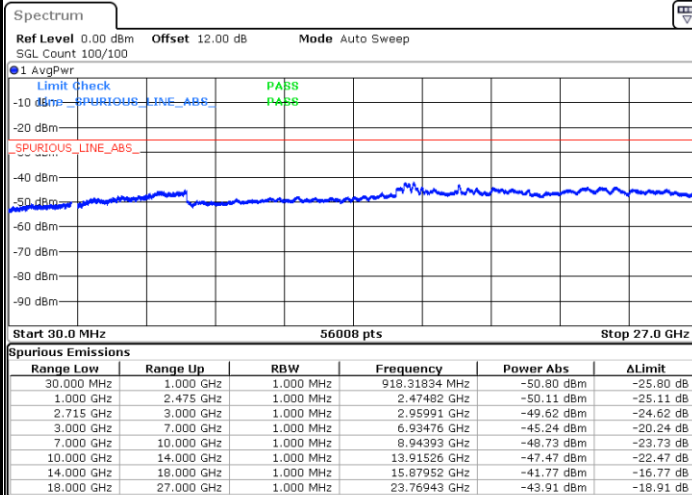


Date: 20.MAR.2026 20:15:29



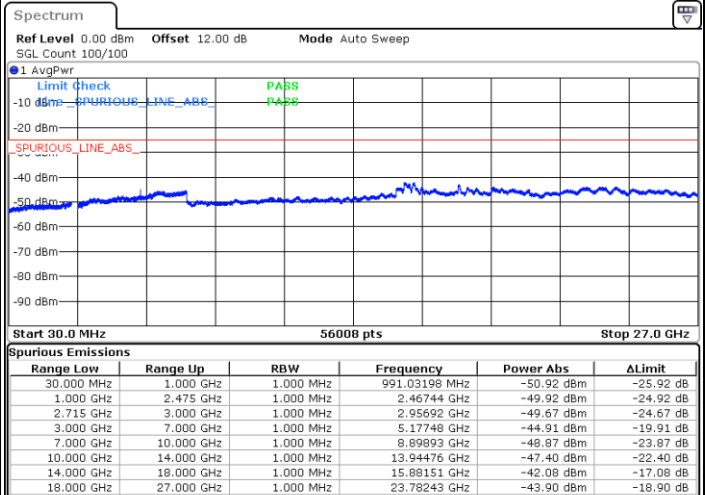
LTE Band 41 / 10MHz

Lowest Channel / QPSK



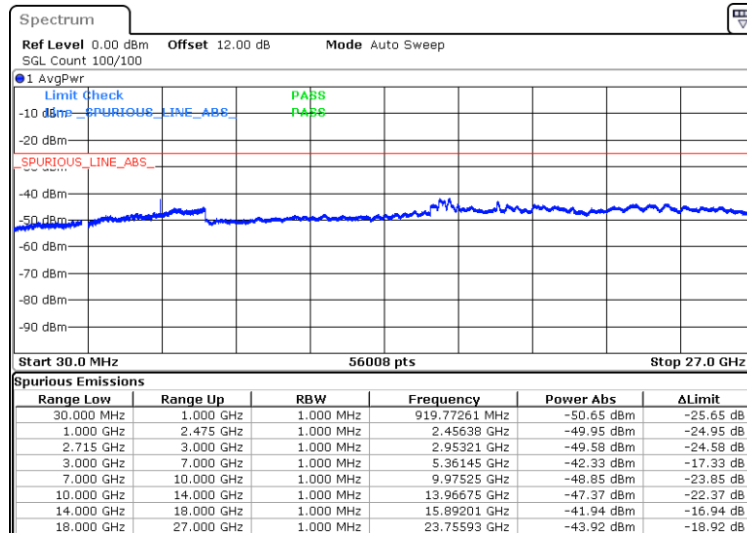
Date: 20.MAR.2026 20:17:06

Middle Channel / QPSK



Date: 20.MAR.2026 20:18:37

Highest Channel / QPSK

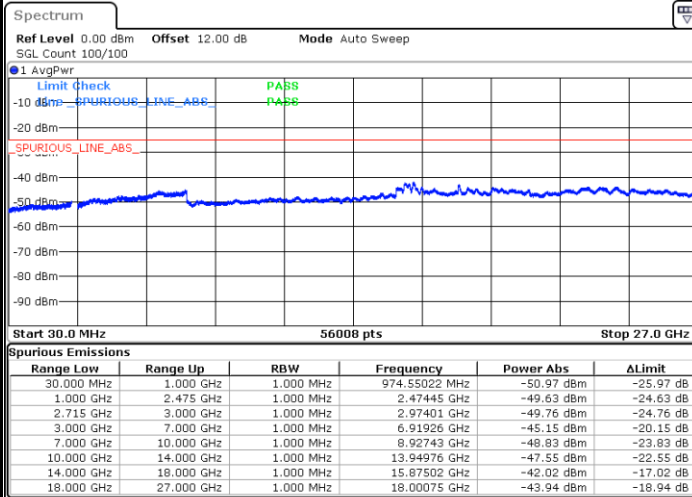


Date: 20.MAR.2026 20:20:08



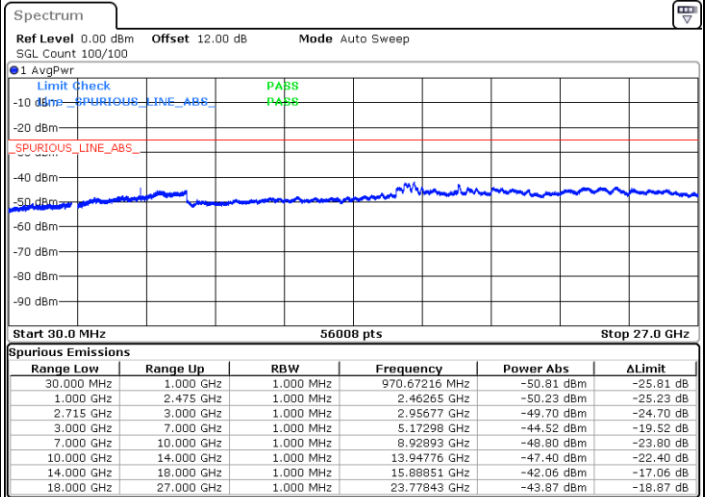
LTE Band 41 / 15MHz

Lowest Channel / QPSK



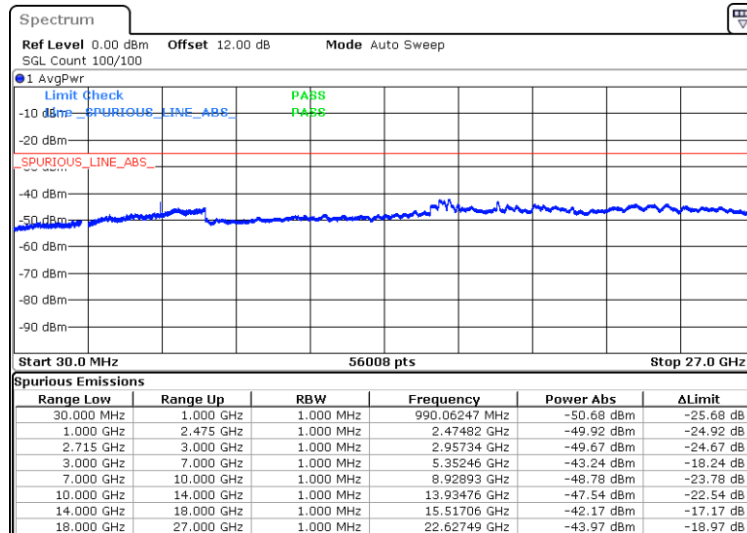
Date: 20.MAR.2026 20:21:41

Middle Channel / QPSK



Date: 20.MAR.2026 20:23:15

Highest Channel / QPSK

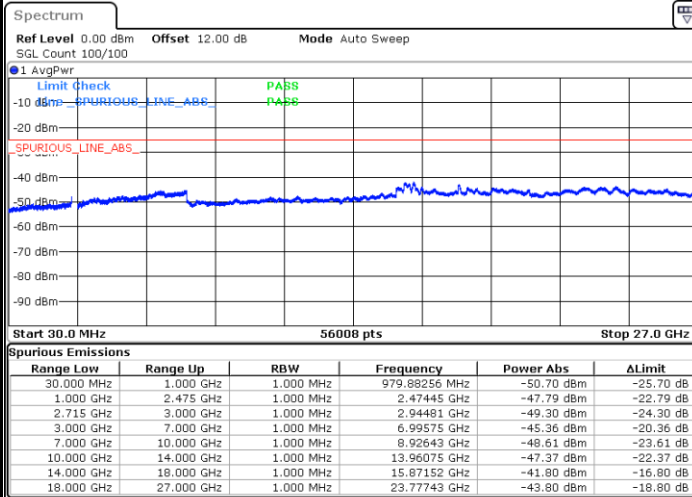


Date: 20.MAR.2026 20:24:49



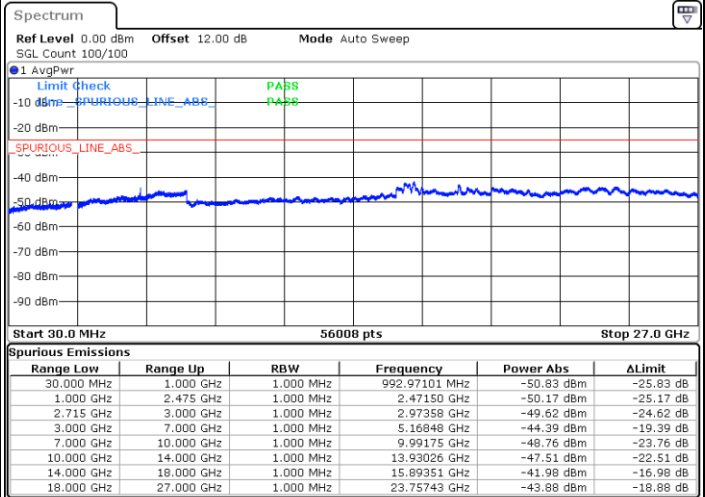
LTE Band 41 / 20MHz

Lowest Channel / QPSK



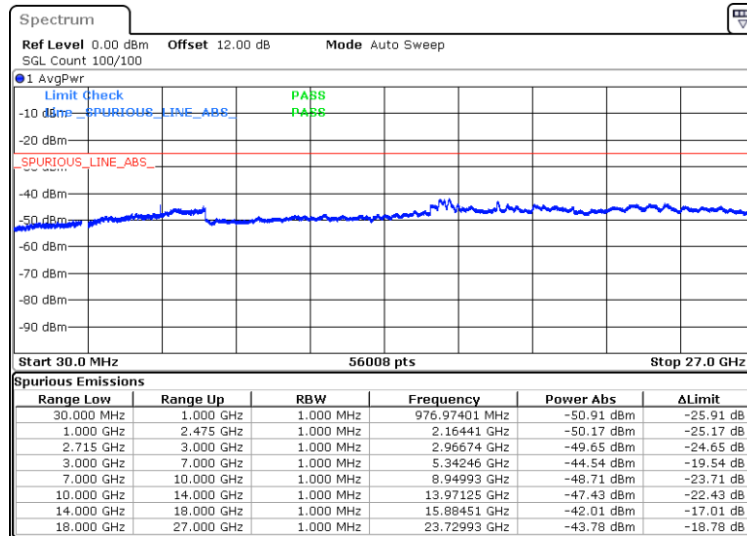
Date: 20.MAR.2026 20:26:21

Middle Channel / QPSK



Date: 20.MAR.2026 20:27:54

Highest Channel / QPSK



Date: 20.MAR.2026 20:29:27

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	0.0033	8.6	Yes	PASS
40	Normal Voltage	0.0061	15.8	Yes	
30	Normal Voltage	0.0041	10.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0007	1.9	Yes	
0	Normal Voltage	0.0059	15.4	Yes	
-10	Normal Voltage	0.0004	1	Yes	
-20	Normal Voltage	0.0057	14.9	Yes	
-30	Normal Voltage	0.0056	14.6	Yes	
20	Maximum Voltage	0.0012	3.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0021	5.5	Yes	

Note:

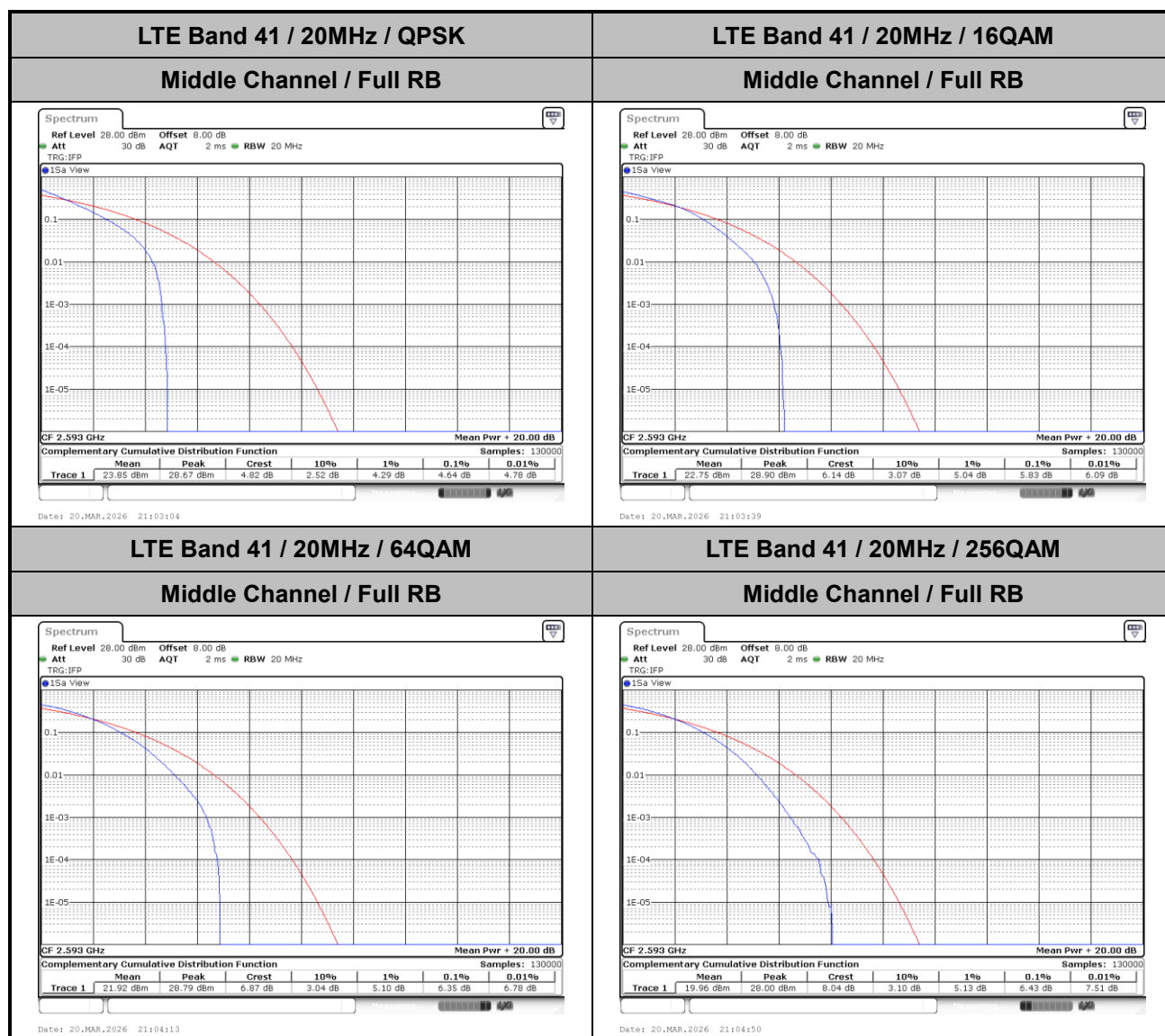
1. Normal Voltage = 3.91 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 41

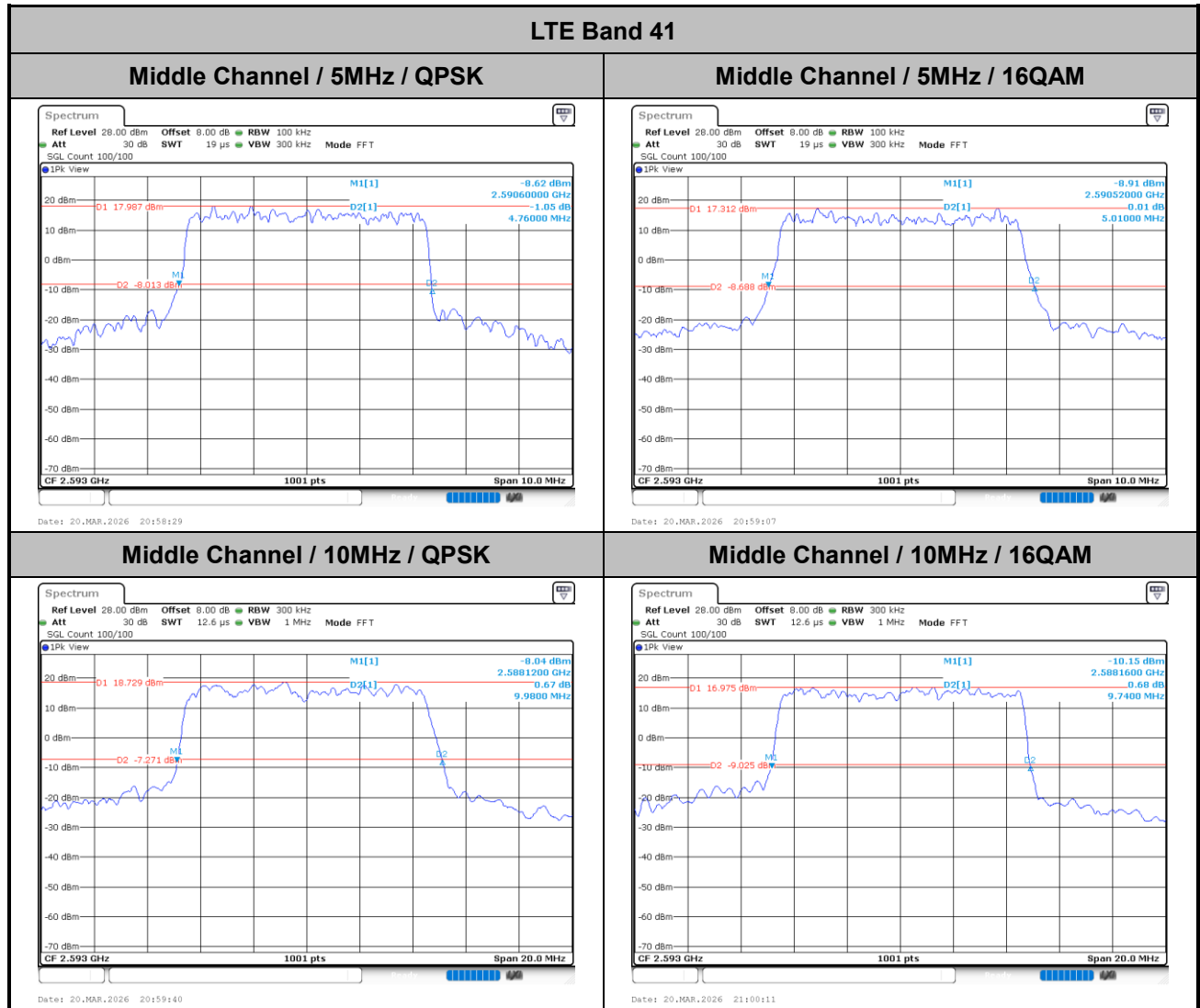
Peak-to-Average Ratio

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	4.64	5.83	6.35	6.43	PASS



**26dB Bandwidth**

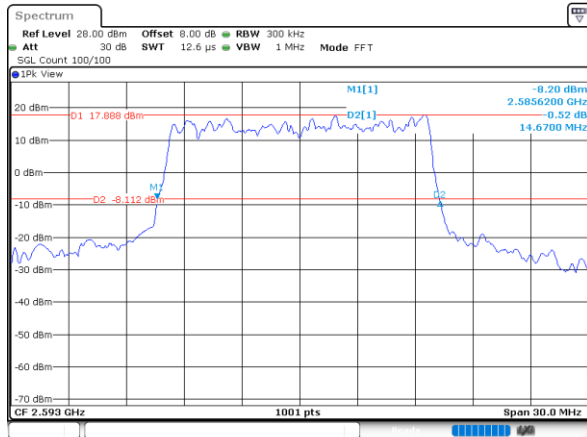
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.76	5.01	9.98	9.74	14.67	14.19	18.72	18.72





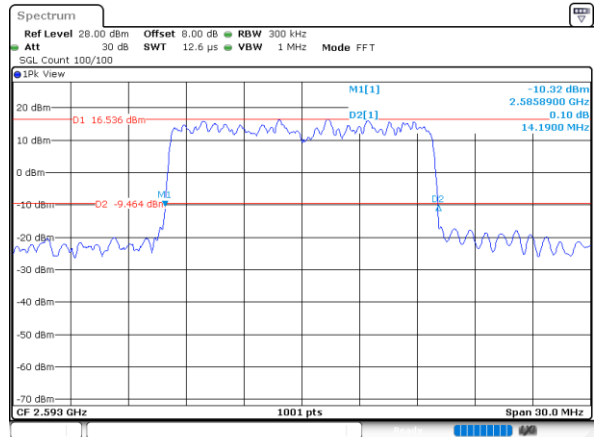
LTE Band 41

Middle Channel / 15MHz / QPSK



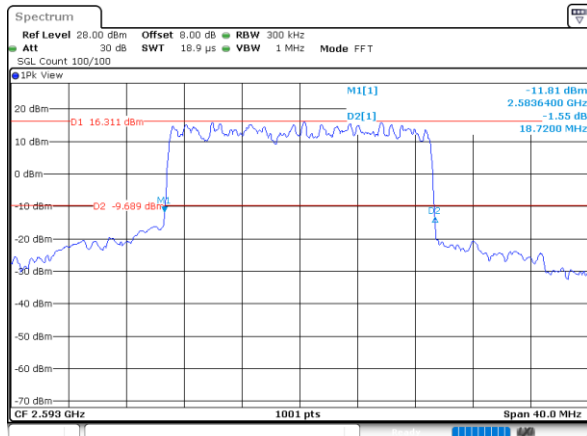
Date: 20.MAR.2026 21:00:45

Middle Channel / 15MHz / 16QAM



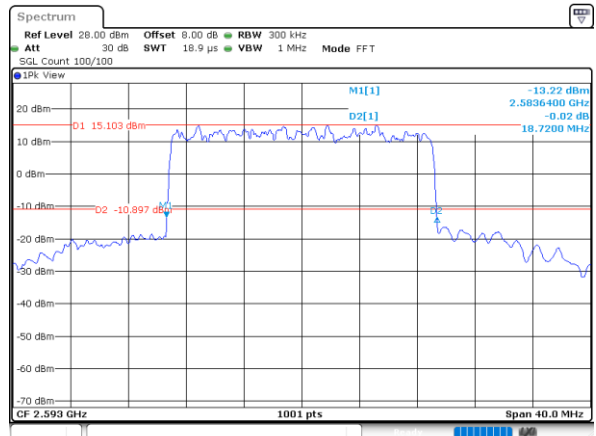
Date: 20.MAR.2026 21:01:20

Middle Channel / 20MHz / QPSK



Date: 20.MAR.2026 21:01:56

Middle Channel / 20MHz / 16QAM

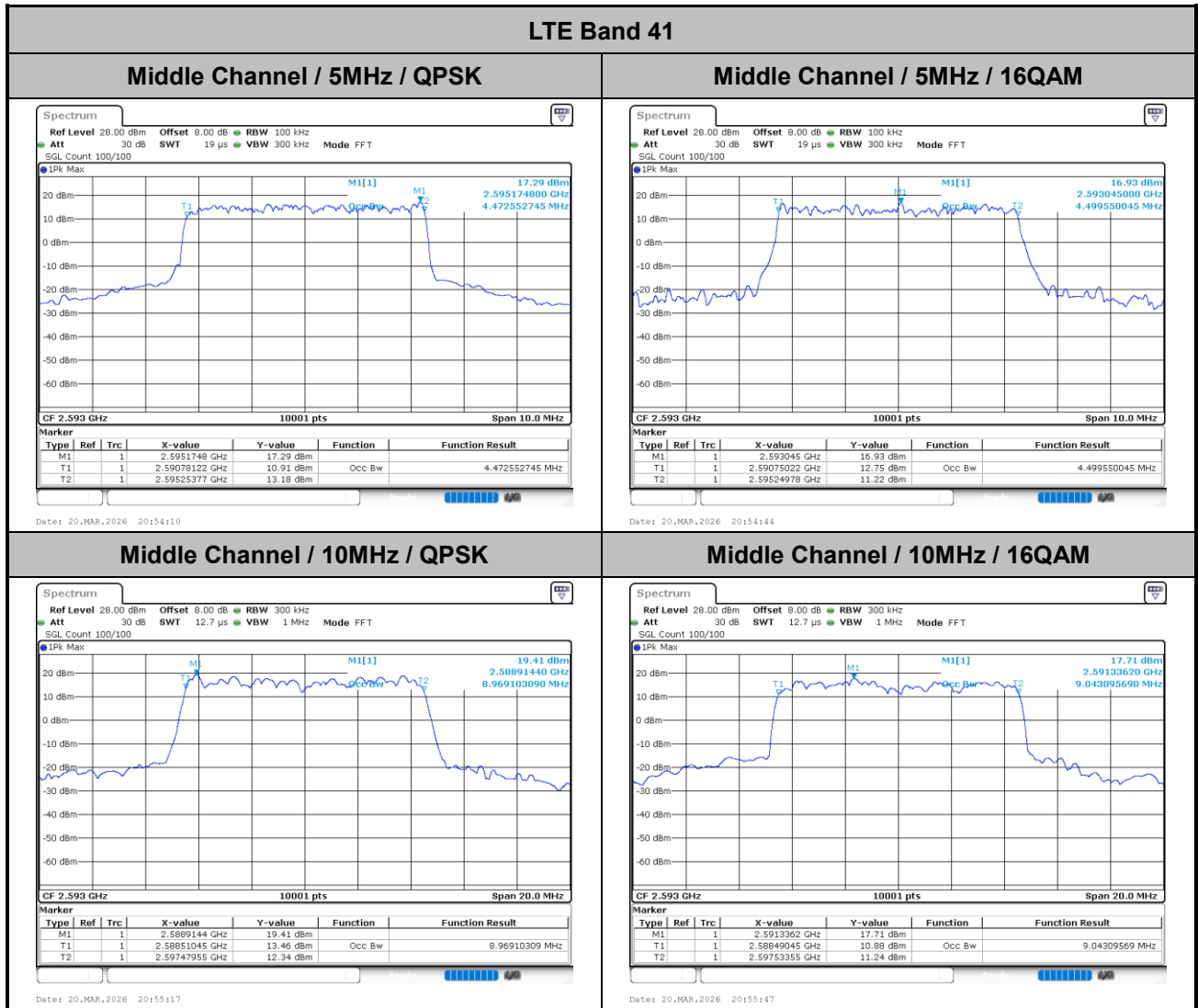


Date: 20.MAR.2026 21:02:31



Occupied Bandwidth

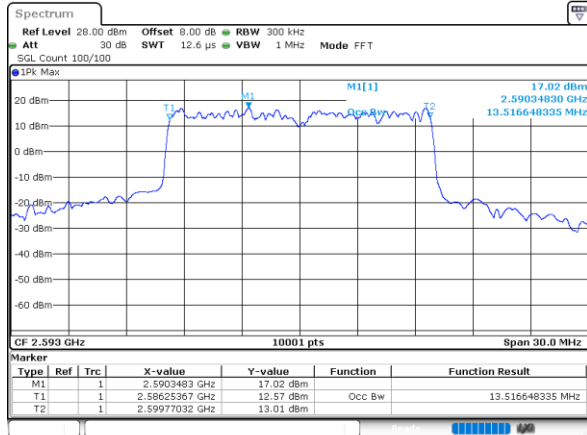
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.47	4.49	8.96	9.04	13.51	13.46	17.94	17.89





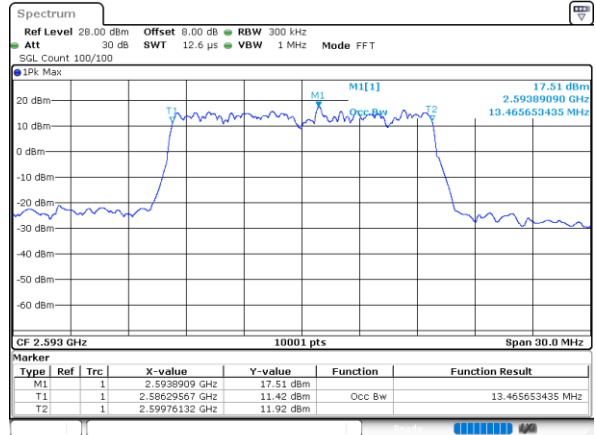
LTE Band 41

Middle Channel / 15MHz / QPSK



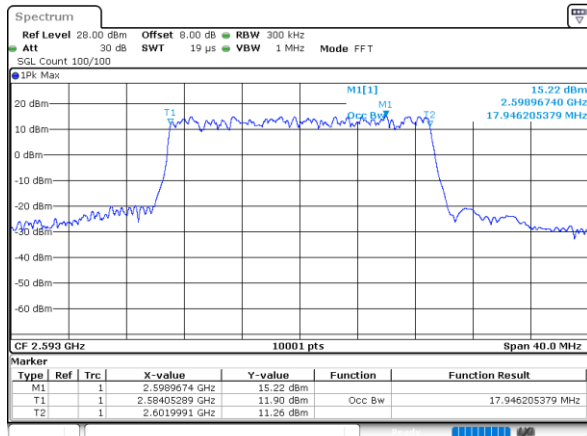
Date: 20,MAR,2026 20:56:17

Middle Channel / 15MHz / 16QAM



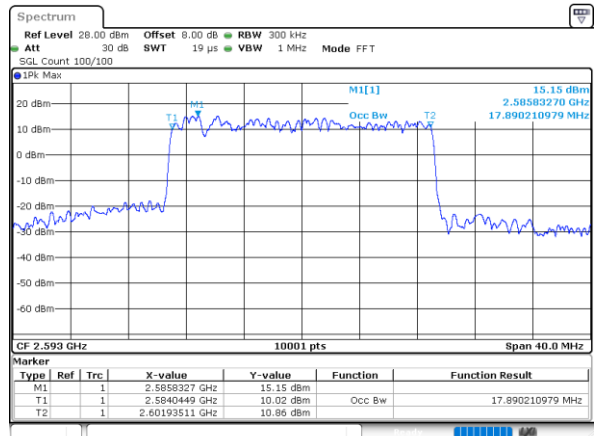
Date: 20,MAR,2026 20:56:48

Middle Channel / 20MHz / QPSK



Date: 20,MAR,2026 20:57:22

Middle Channel / 20MHz / 16QAM



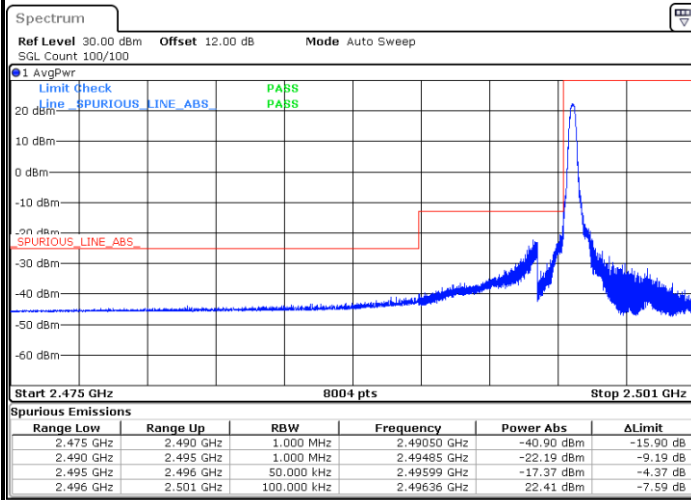
Date: 20,MAR,2026 20:57:53



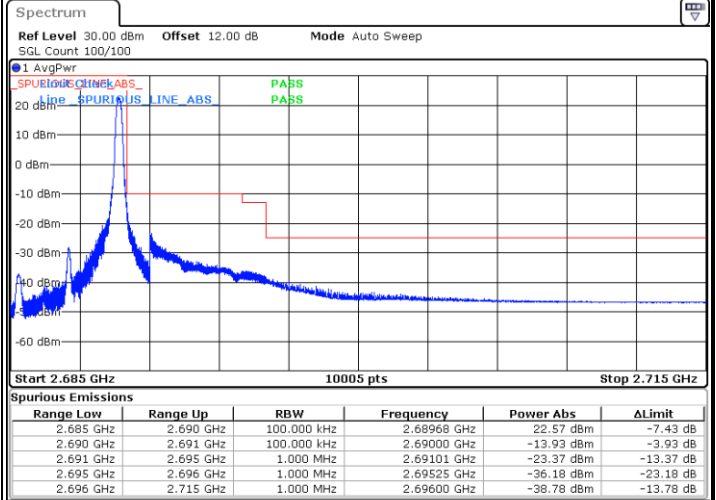
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

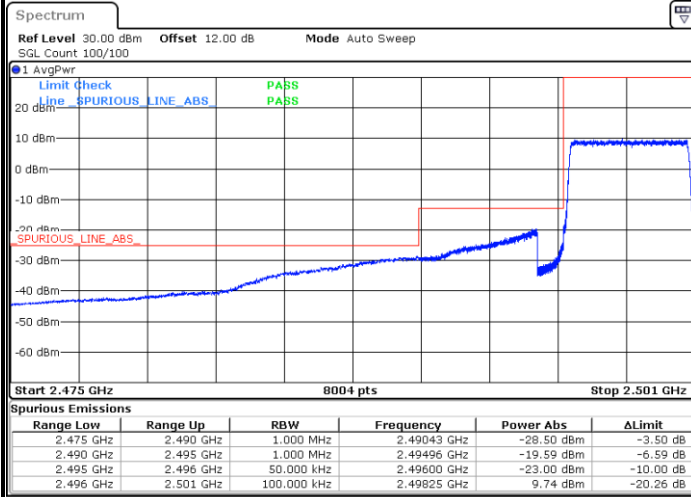
Lowest Band Edge / 1 RB



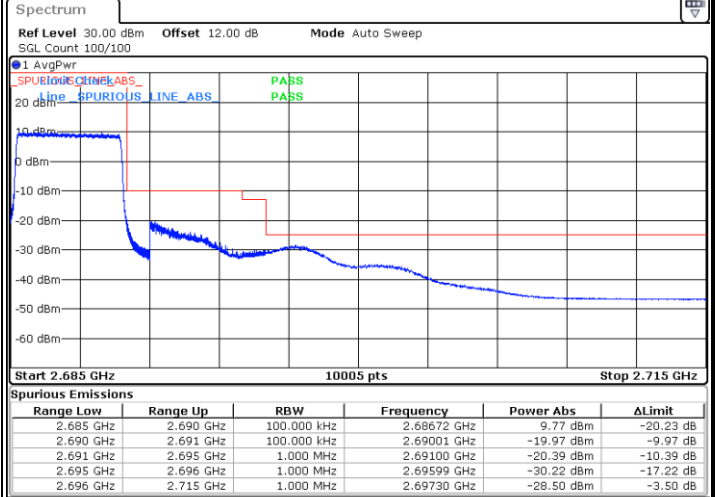
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



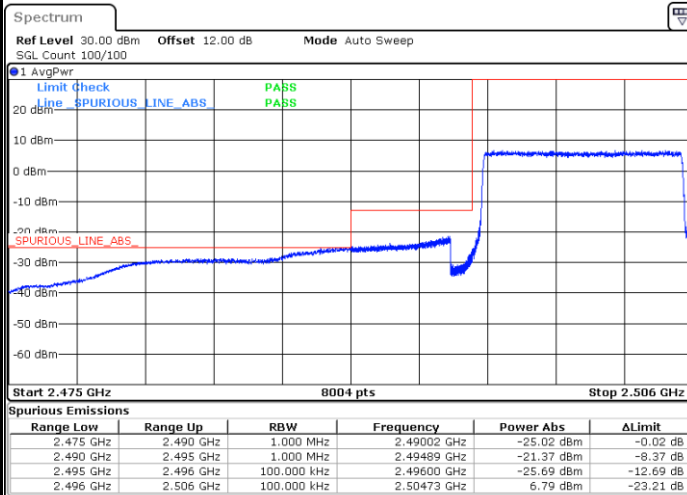
Highest Band Edge / Full RB



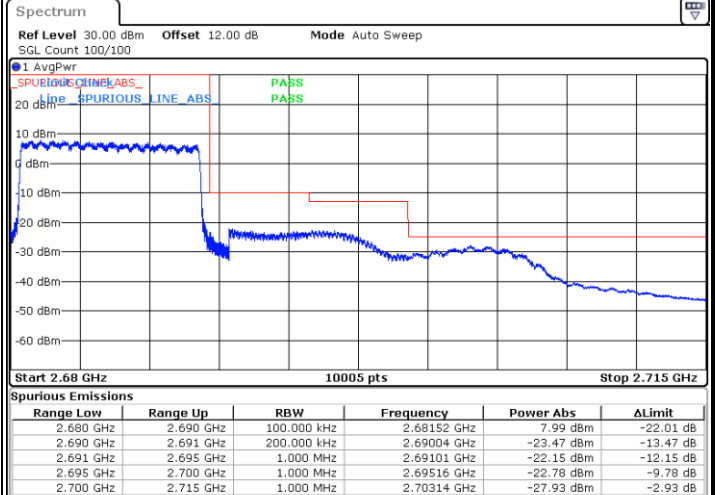


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

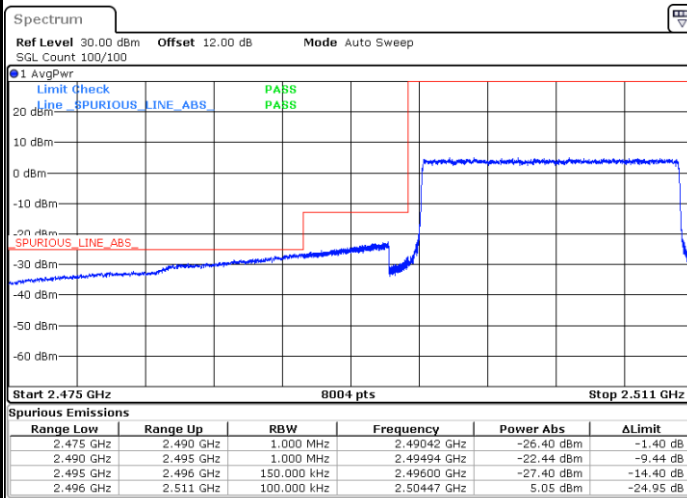


Highest Band Edge / Full RB

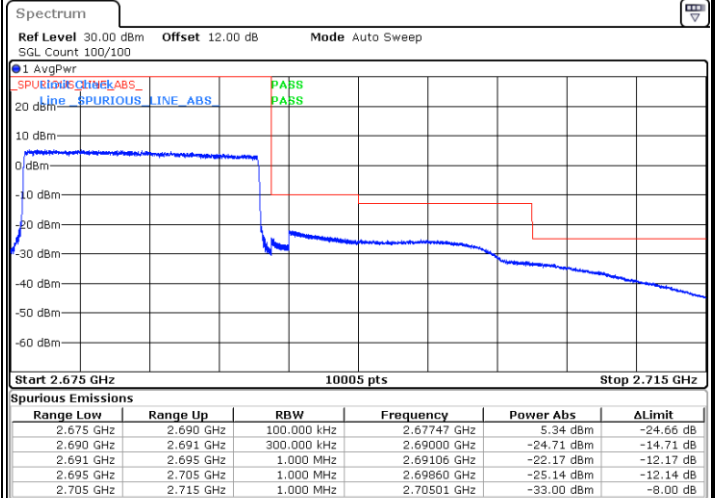


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

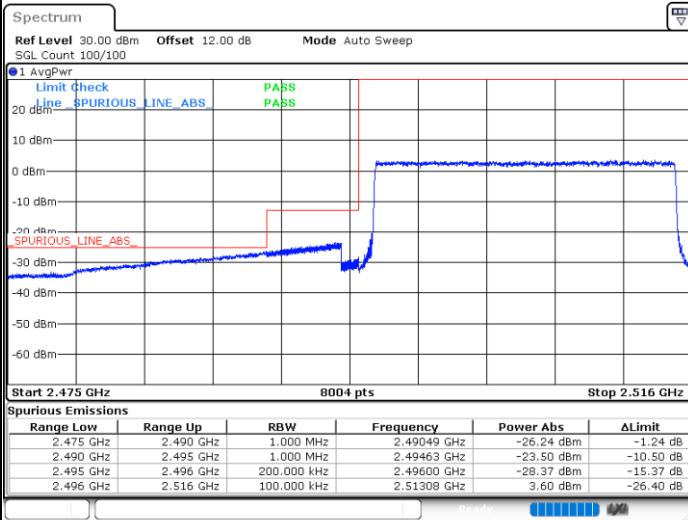




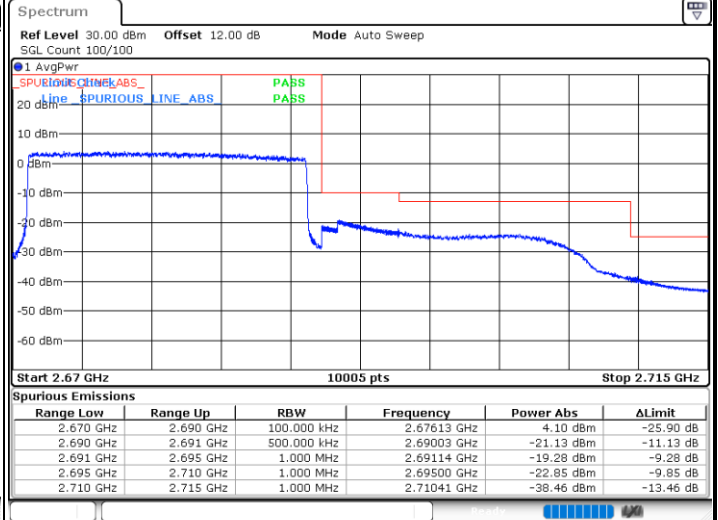
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.MAR.2026 21:15:33



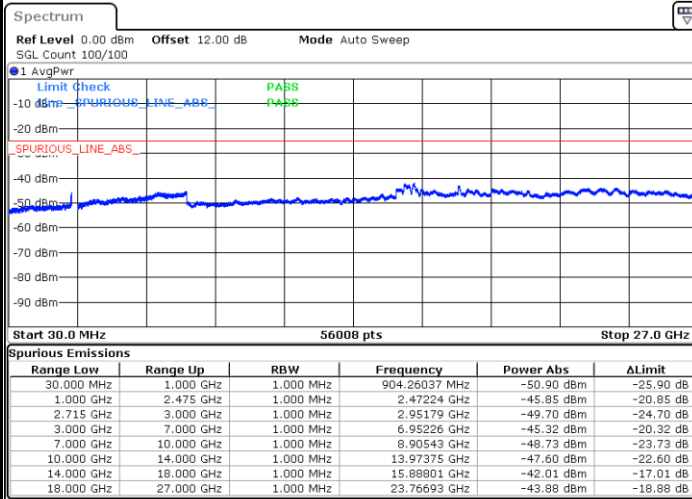
Date: 20.MAR.2026 21:16:44



Conducted Spurious Emission

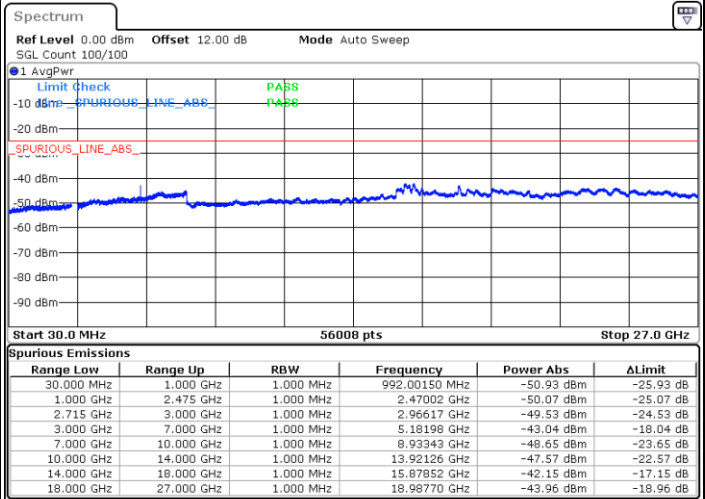
LTE Band 41 / 5MHz

Lowest Channel / QPSK



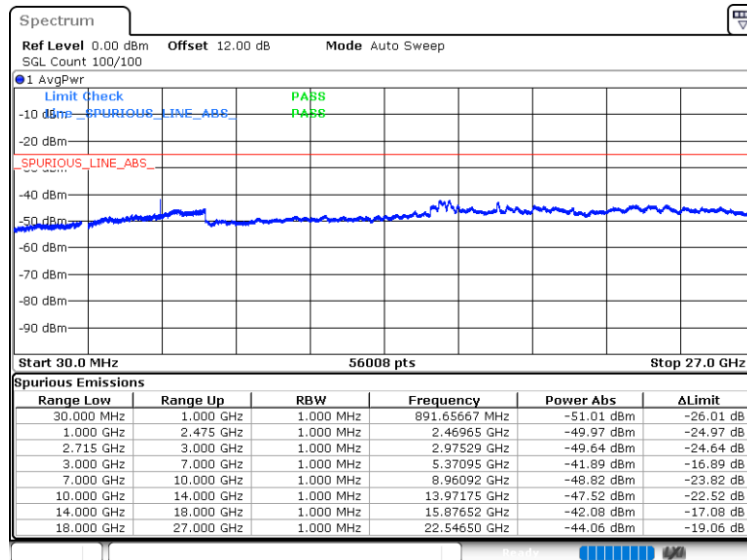
Date: 20.MAR.2026 21:18:10

Middle Channel / QPSK



Date: 20.MAR.2026 21:19:34

Highest Channel / QPSK

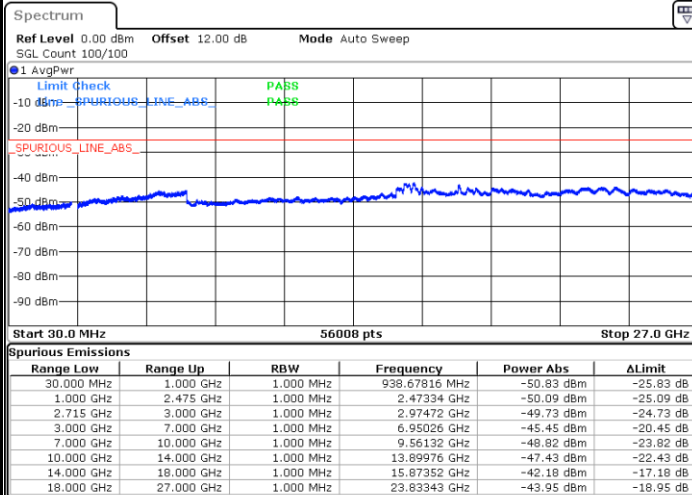


Date: 20.MAR.2026 21:21:02



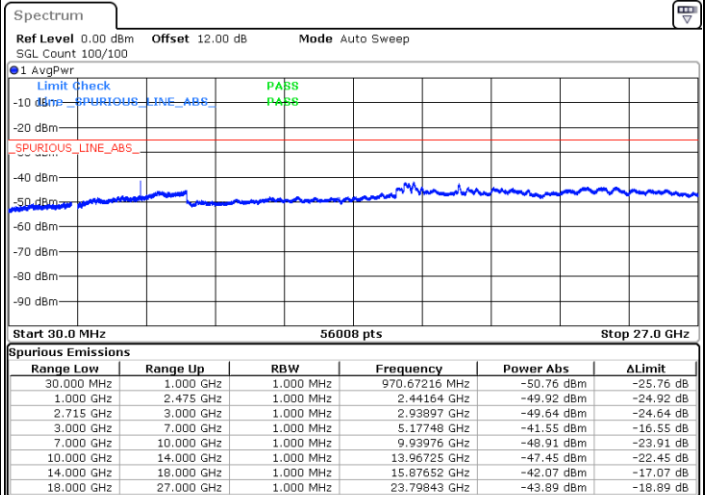
LTE Band 41 / 10MHz

Lowest Channel / QPSK



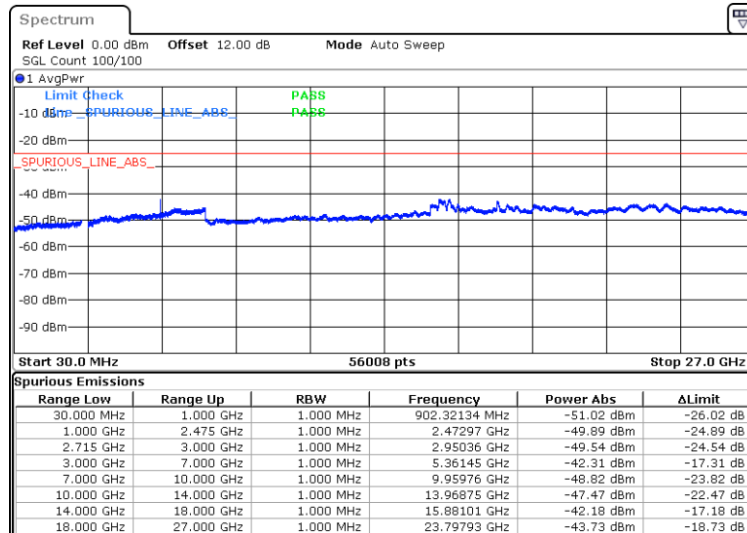
Date: 20.MAR.2026 21:22:32

Middle Channel / QPSK



Date: 20.MAR.2026 21:23:57

Highest Channel / QPSK

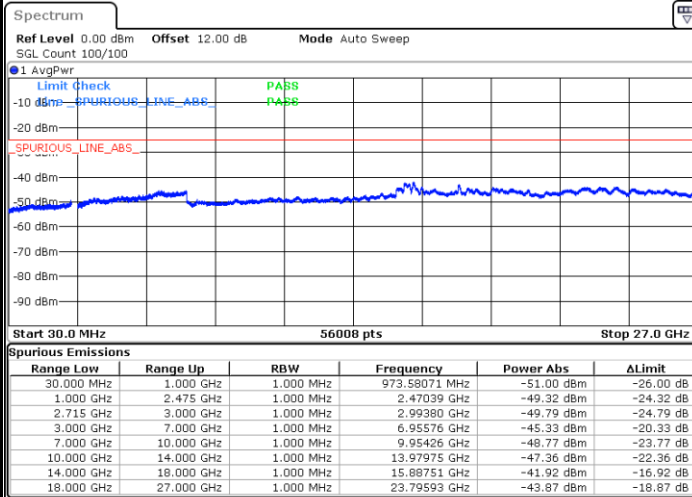


Date: 20.MAR.2026 21:25:21



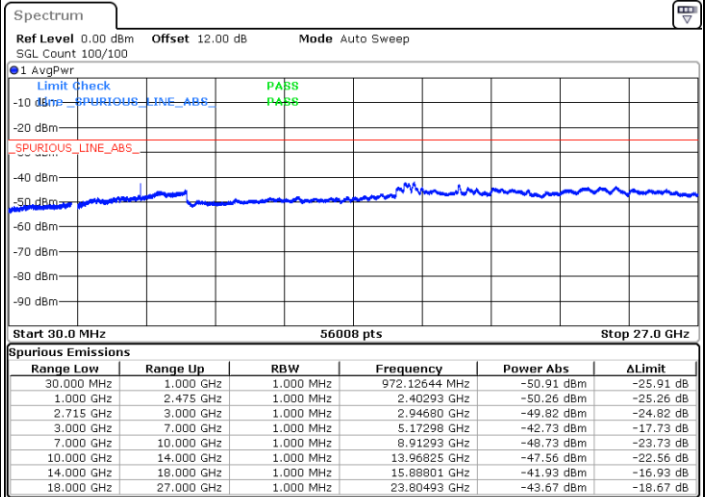
LTE Band 41 / 15MHz

Lowest Channel / QPSK



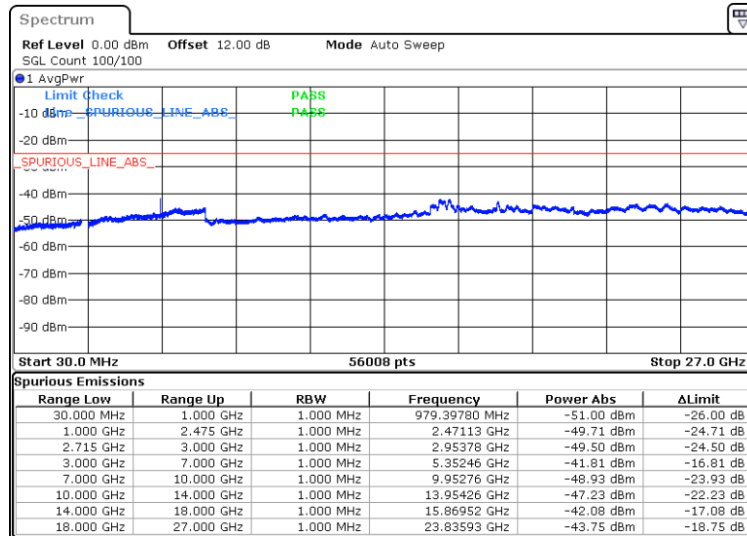
Date: 20.MAR.2026 21:26:49

Middle Channel / QPSK



Date: 20.MAR.2026 21:28:15

Highest Channel / QPSK

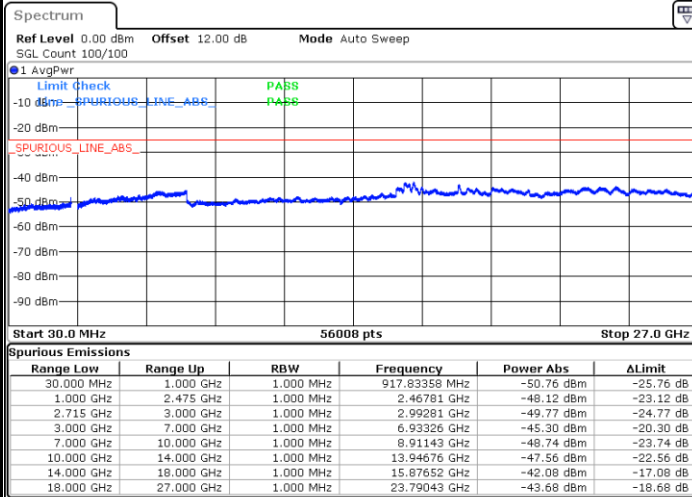


Date: 20.MAR.2026 21:29:41



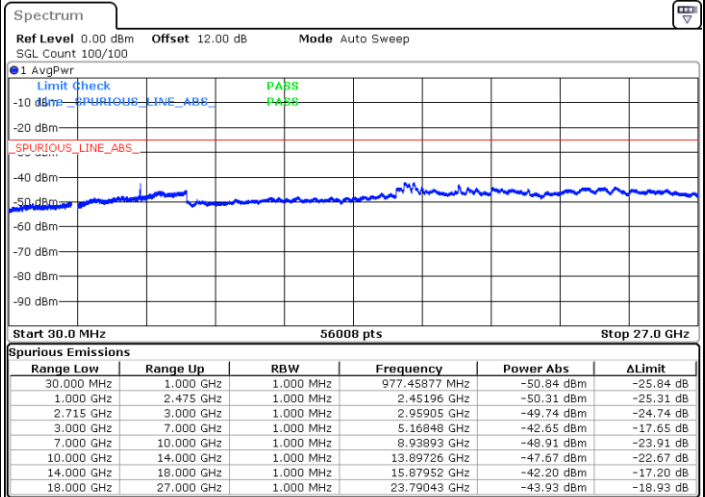
LTE Band 41 / 20MHz

Lowest Channel / QPSK



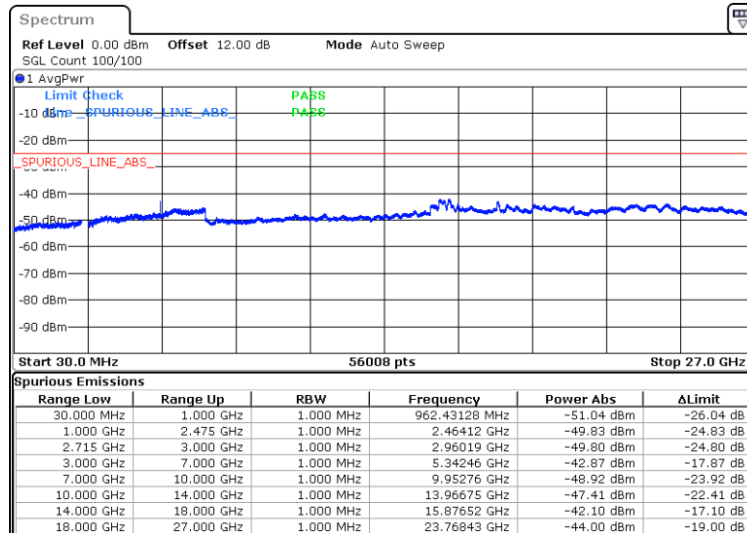
Date: 20.MAR.2026 21:31:08

Middle Channel / QPSK



Date: 20.MAR.2026 21:32:34

Highest Channel / QPSK



Date: 20.MAR.2026 21:34:00

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	0.0033	8.6	Yes	PASS
40	Normal Voltage	0.0061	15.8	Yes	
30	Normal Voltage	0.0041	10.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0007	1.9	Yes	
0	Normal Voltage	0.0059	15.4	Yes	
-10	Normal Voltage	0.0004	1	Yes	
-20	Normal Voltage	0.0057	14.9	Yes	
-30	Normal Voltage	0.0056	14.6	Yes	
20	Maximum Voltage	0.0012	3.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0021	5.5	Yes	

Note:

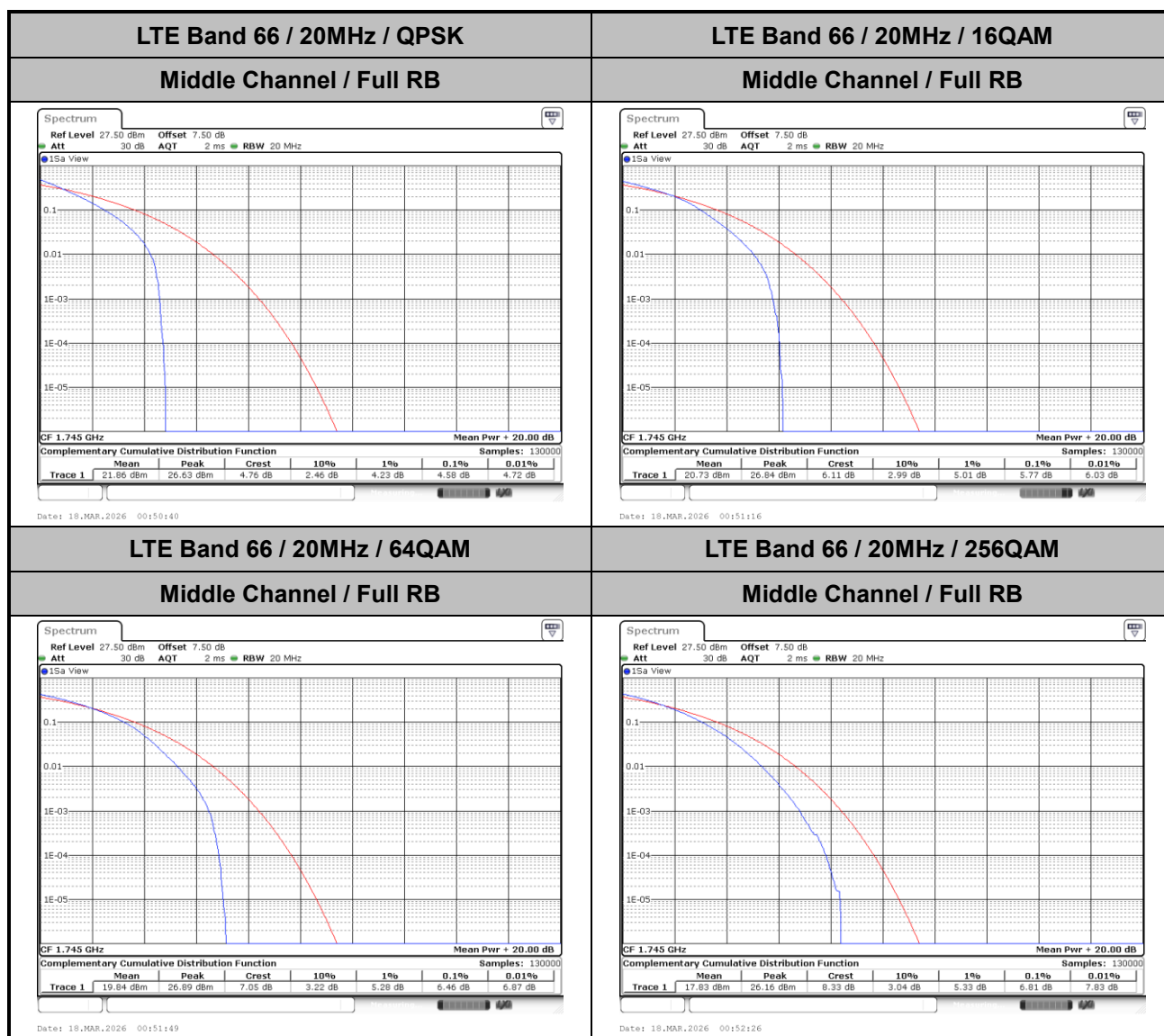
1. Normal Voltage = 3.91 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.77	6.46	6.81	PASS





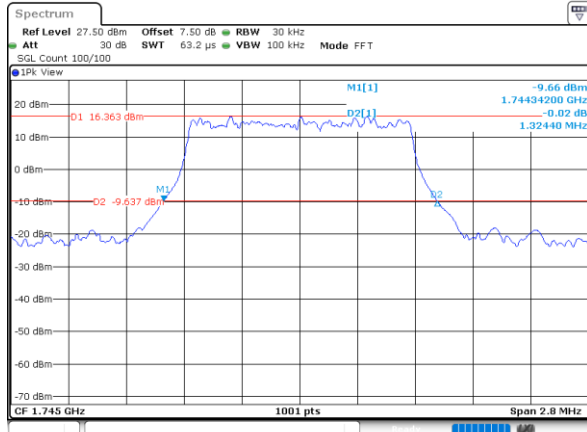
26dB Bandwidth

Mode	LTE Band 66 : 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	1.35	3.10	3.04	5.09	5.11	10.02	10.34	14.46	14.82	19.40	18.88



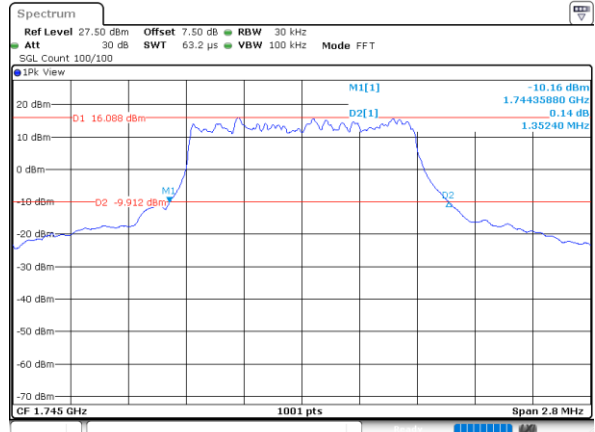
LTE Band 66

Middle Channel / 1.4MHz / QPSK



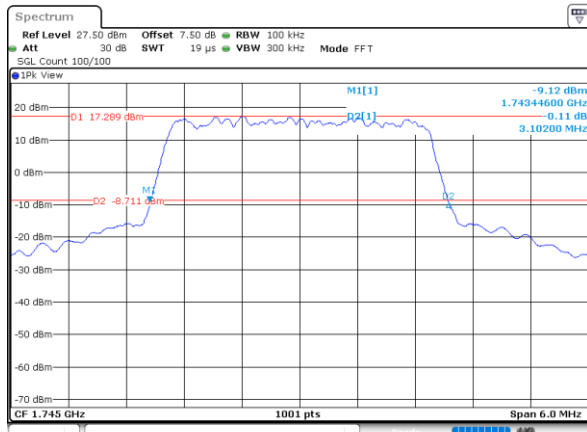
Date: 18.MAR.2026 00:43:35

Middle Channel / 1.4MHz / 16QAM



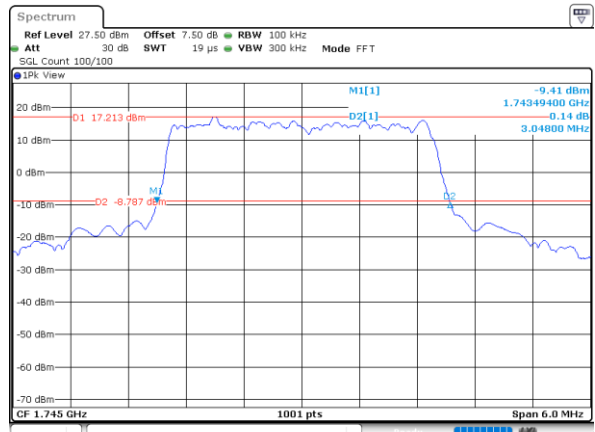
Date: 18.MAR.2026 00:44:10

Middle Channel / 3MHz / QPSK



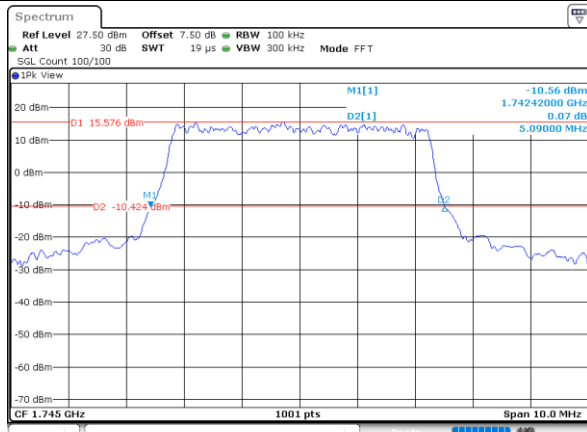
Date: 18.MAR.2026 00:44:45

Middle Channel / 3MHz / 16QAM



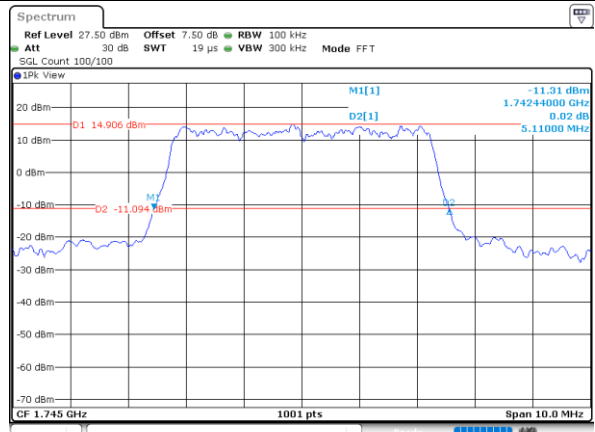
Date: 18.MAR.2026 00:45:23

Middle Channel / 5MHz / QPSK



Date: 18.MAR.2026 00:45:57

Middle Channel / 5MHz / 16QAM

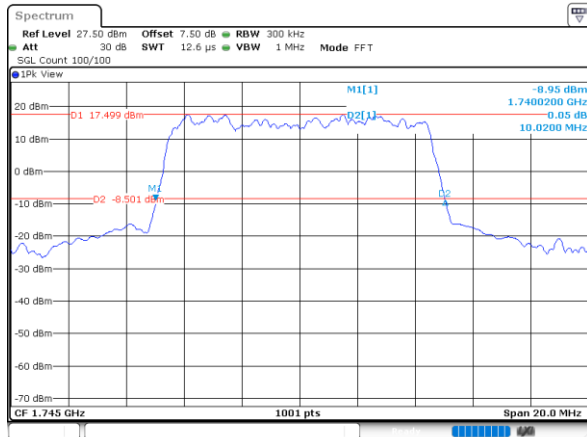


Date: 18.MAR.2026 00:46:31



LTE Band 66

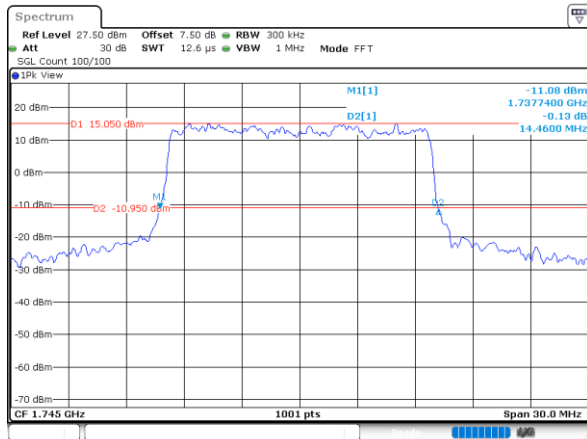
Middle Channel / 10MHz / QPSK



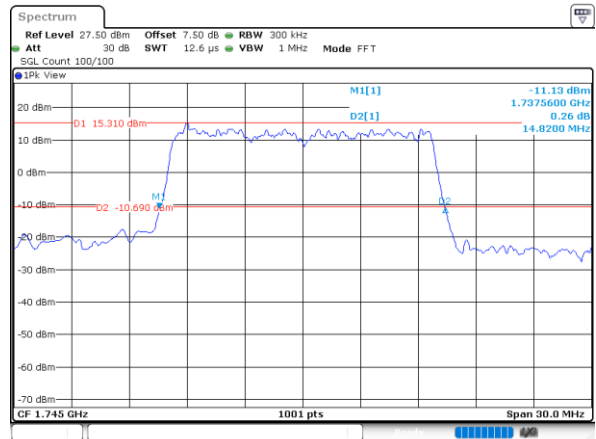
Middle Channel / 10MHz / 16QAM



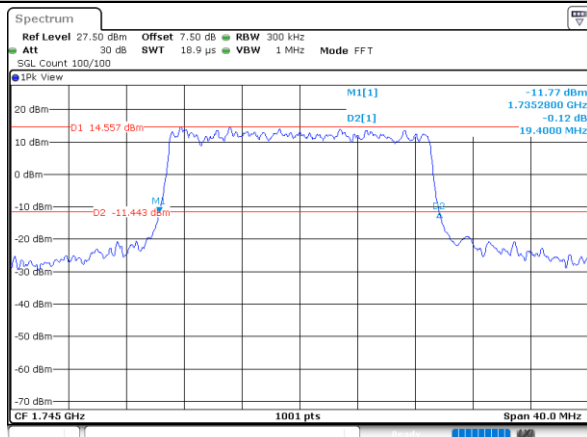
Middle Channel / 15MHz / QPSK



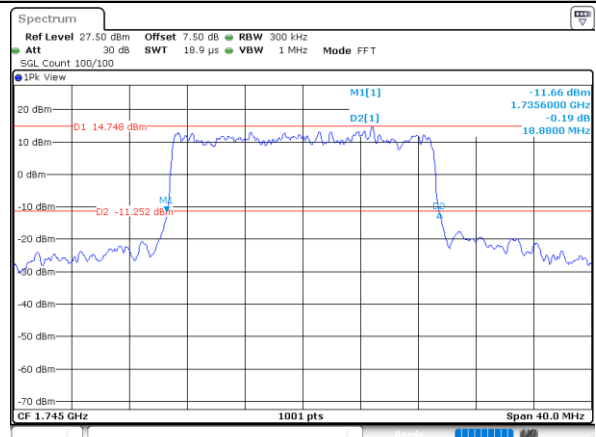
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





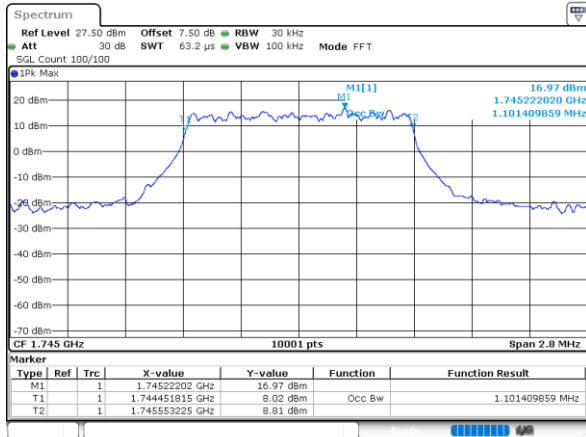
Occupied Bandwidth

Mode	LTE Band 66 : 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	1.10	1.11	2.72	2.72	4.49	4.52	9.07	9.04	13.44	13.45	17.97	17.93

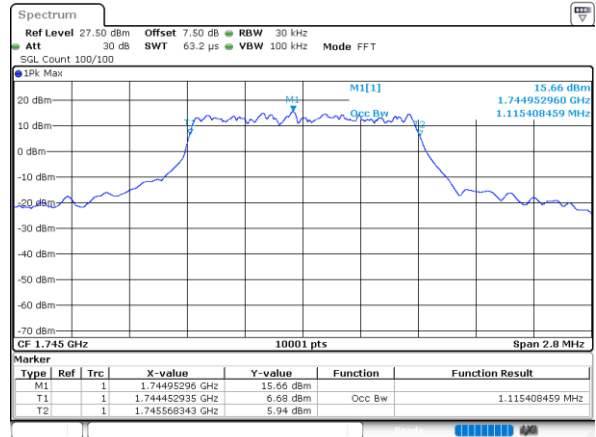


LTE Band 66

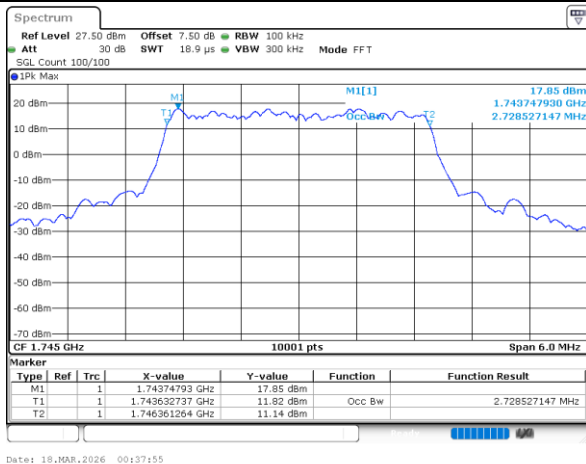
Middle Channel / 1.4MHz / QPSK



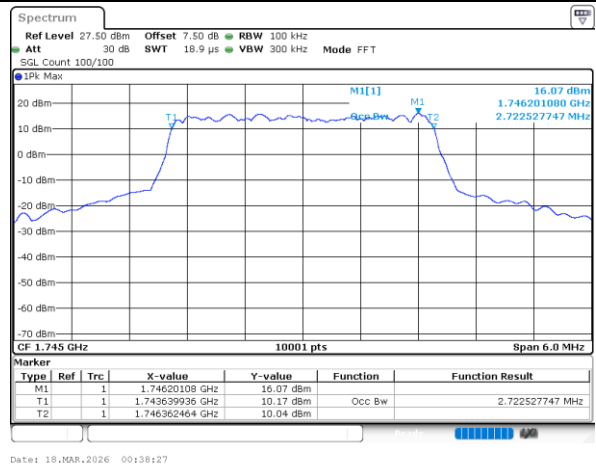
Middle Channel / 1.4MHz / 16QAM



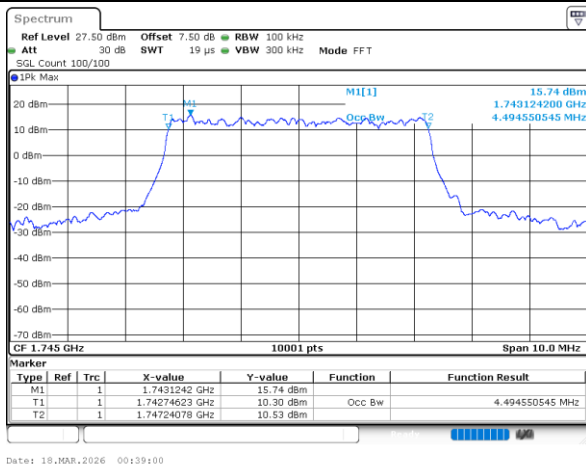
Middle Channel / 3MHz / QPSK



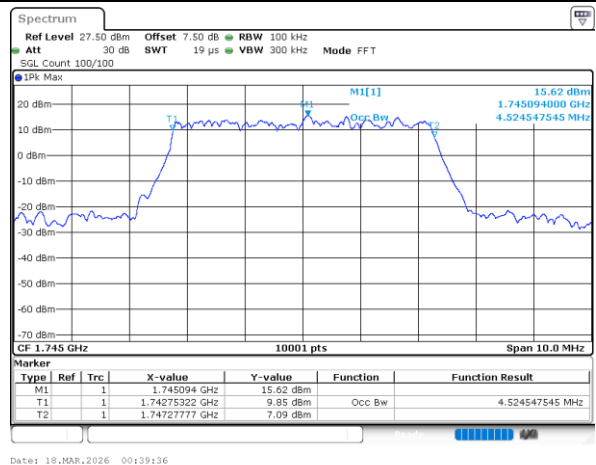
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



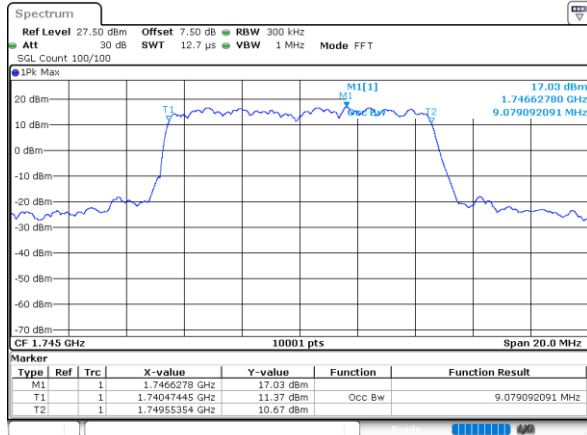
Middle Channel / 5MHz / 16QAM





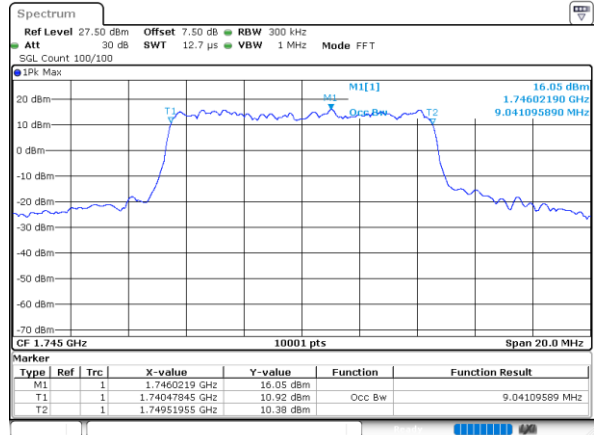
LTE Band 66

Middle Channel / 10MHz / QPSK



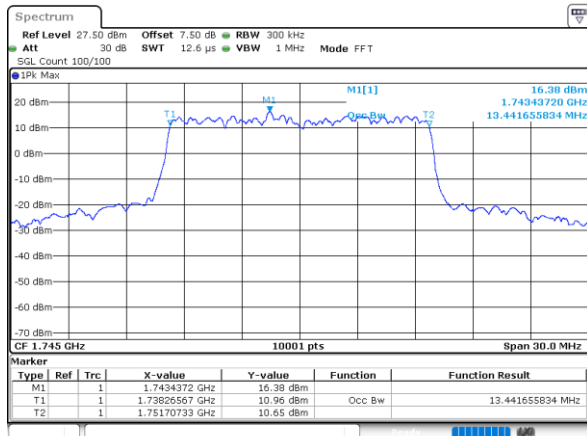
Date: 18.MAR.2026 00:40:11

Middle Channel / 10MHz / 16QAM



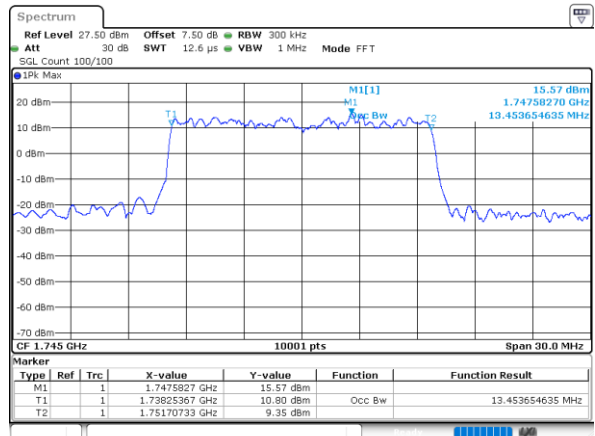
Date: 18.MAR.2026 00:40:41

Middle Channel / 15MHz / QPSK



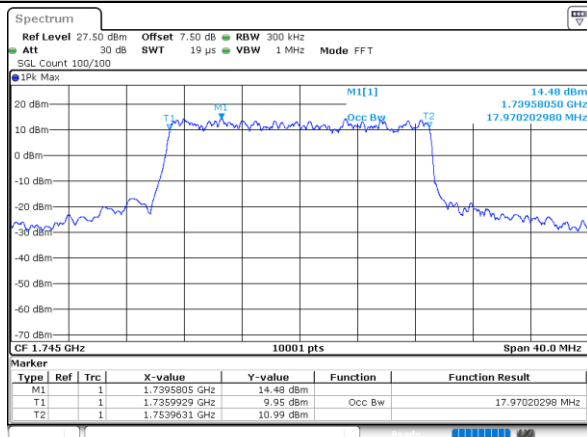
Date: 18.MAR.2026 00:41:16

Middle Channel / 15MHz / 16QAM



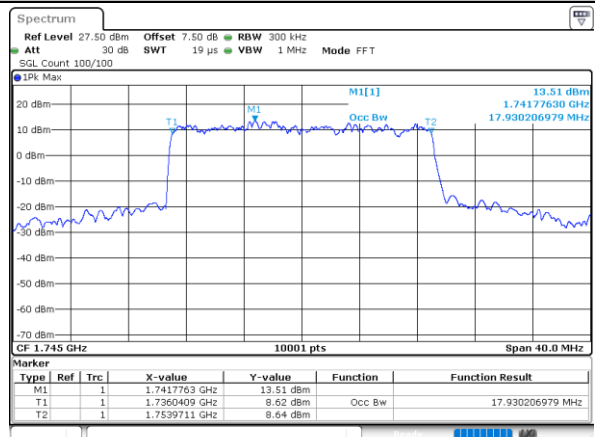
Date: 18.MAR.2026 00:41:54

Middle Channel / 20MHz / QPSK



Date: 18.MAR.2026 00:42:27

Middle Channel / 20MHz / 16QAM



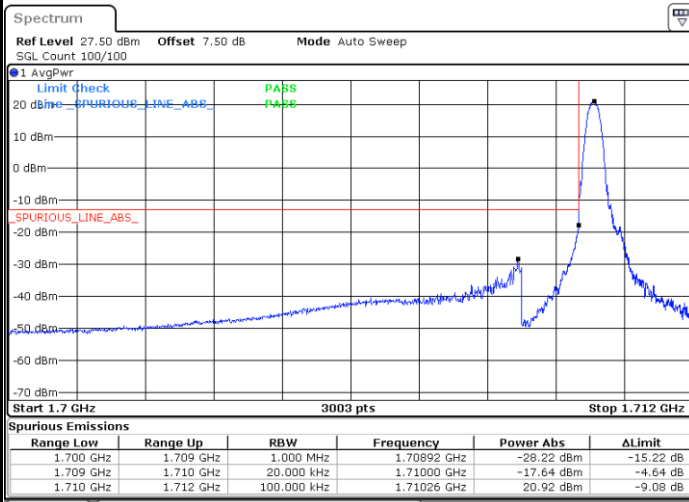
Date: 18.MAR.2026 00:43:00



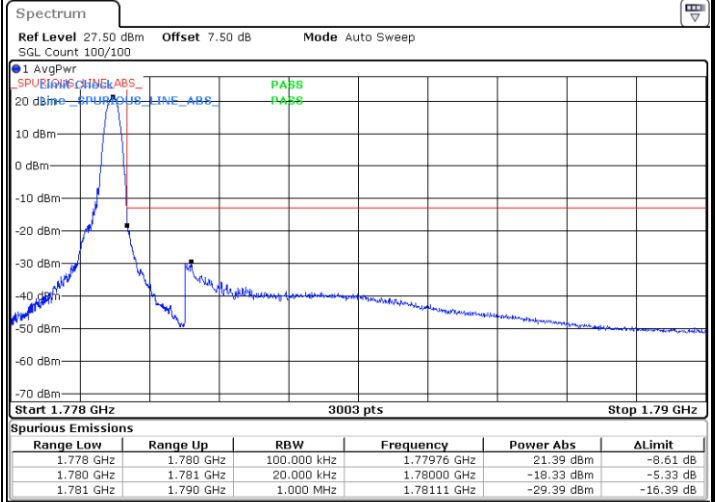
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

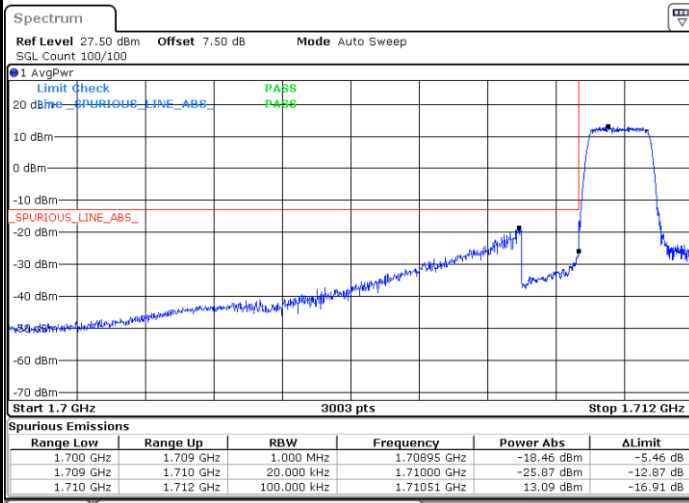
Lowest Band Edge / 1RB



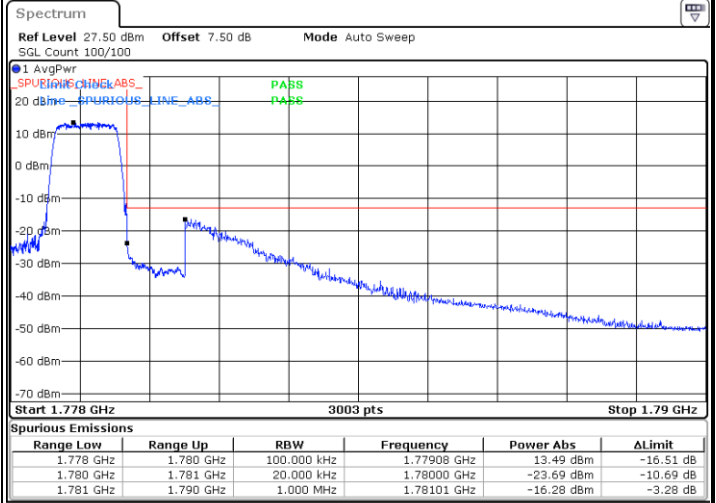
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



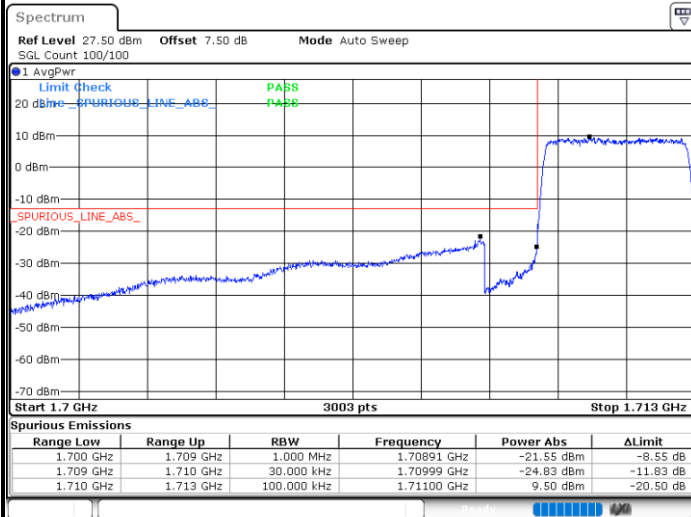
Highest Band Edge / Full RB



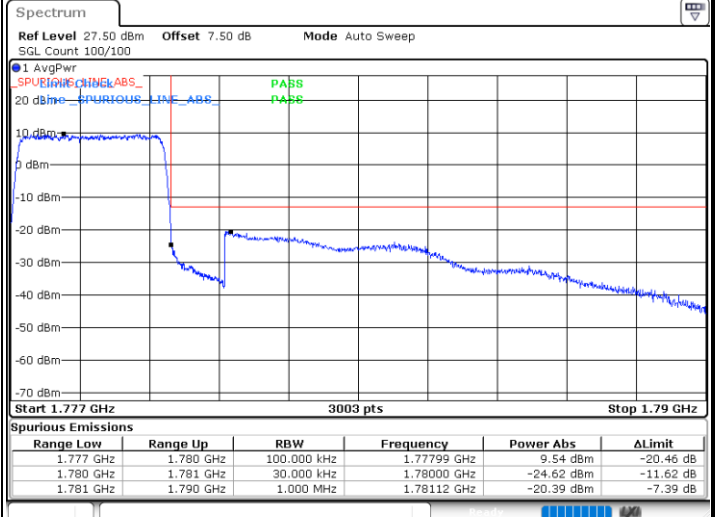


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

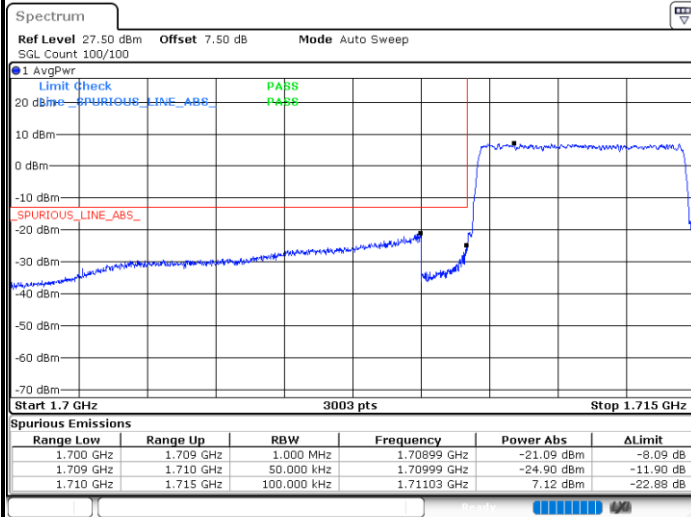


Highest Band Edge / Full RB



LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

