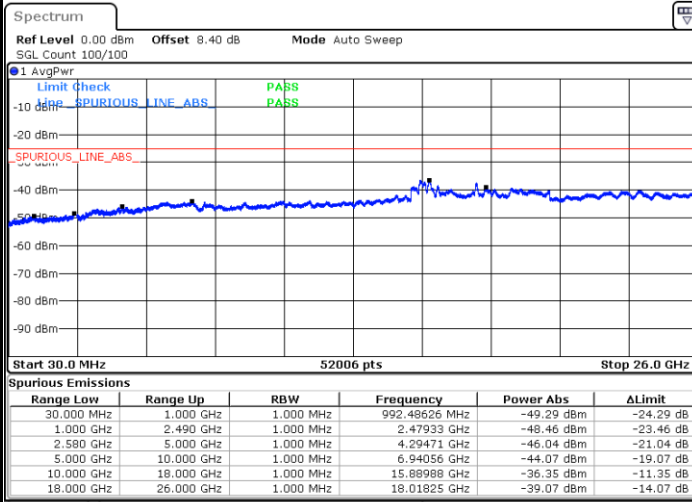




Conducted Spurious Emission

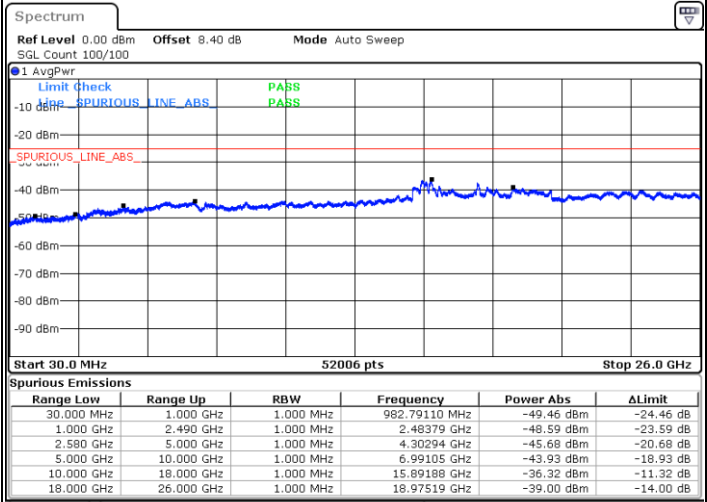
LTE Band 7 / 5MHz

Lowest Channel / QPSK



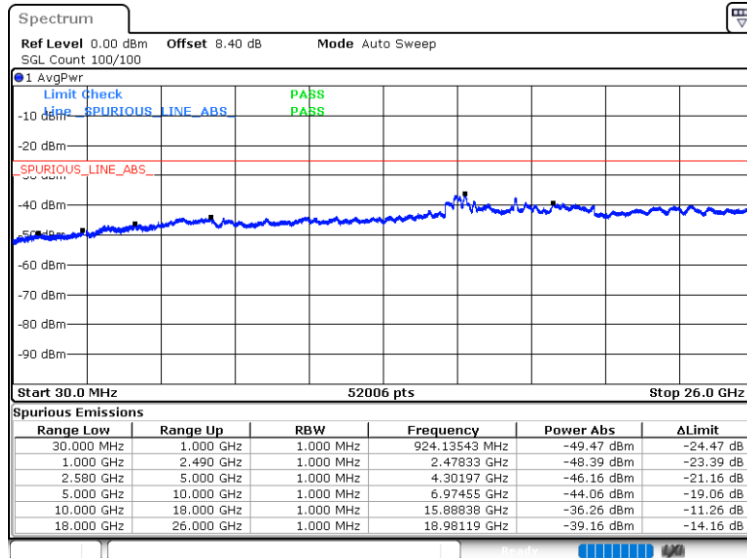
Date: 19.AUG.2026 02:07:15

Middle Channel / QPSK



Date: 19.AUG.2026 02:08:52

Highest Channel / QPSK

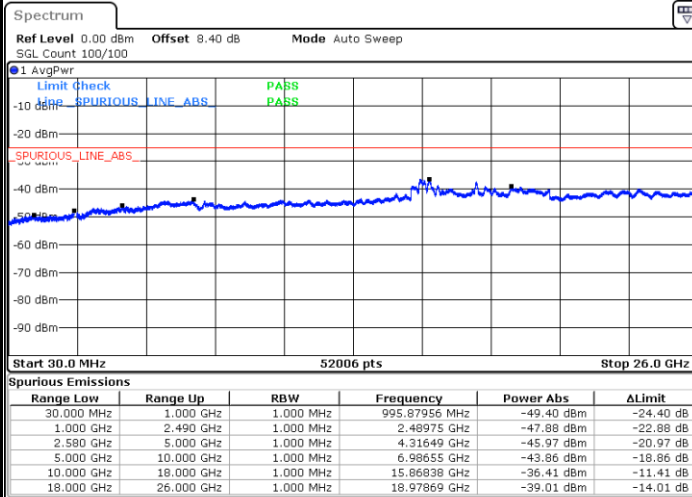


Date: 19.AUG.2026 02:10:27



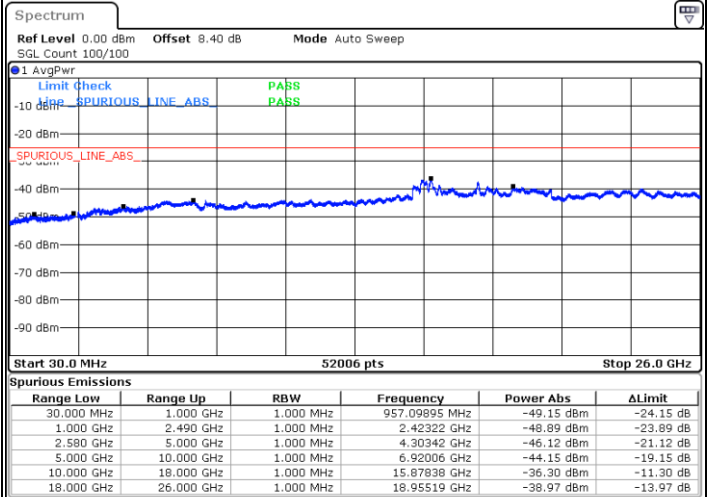
LTE Band 7 / 10MHz

Lowest Channel / QPSK



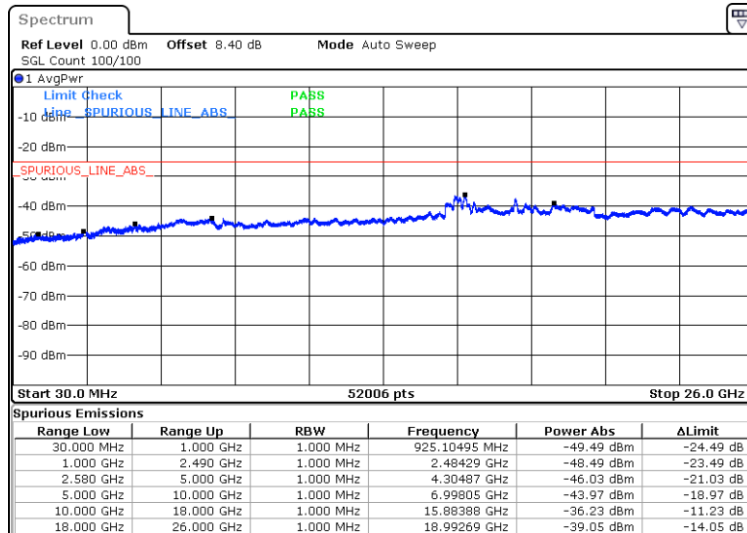
Date: 19.AUG.2026 02:12:05

Middle Channel / QPSK



Date: 19.AUG.2026 02:13:43

Highest Channel / QPSK

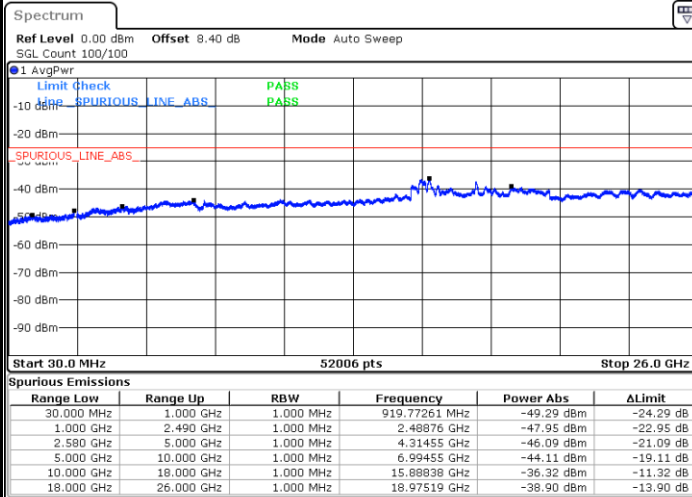


Date: 19.AUG.2026 02:15:22



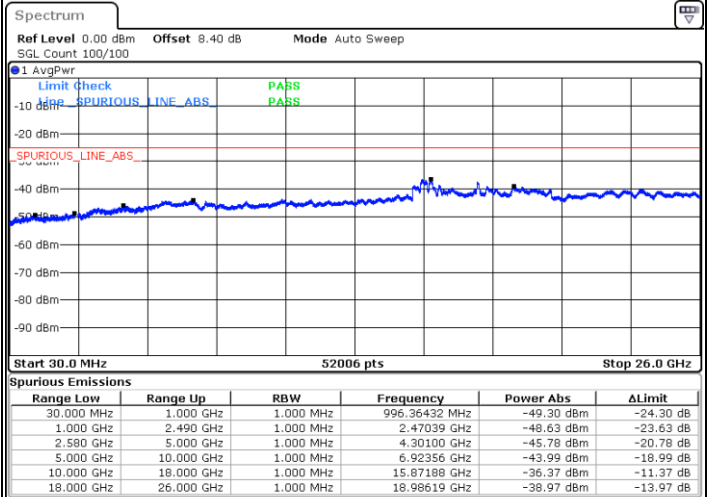
LTE Band 7 / 15MHz

Lowest Channel / QPSK



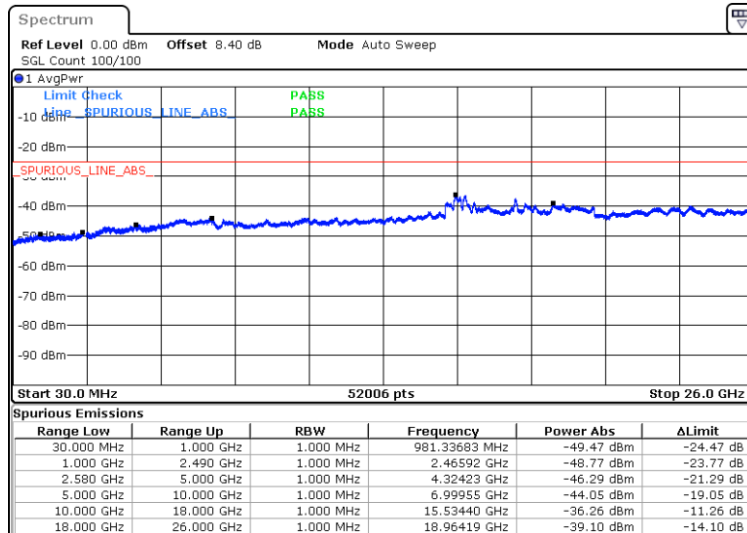
Date: 19.AUG.2026 02:17:01

Middle Channel / QPSK



Date: 19.AUG.2026 02:18:38

Highest Channel / QPSK

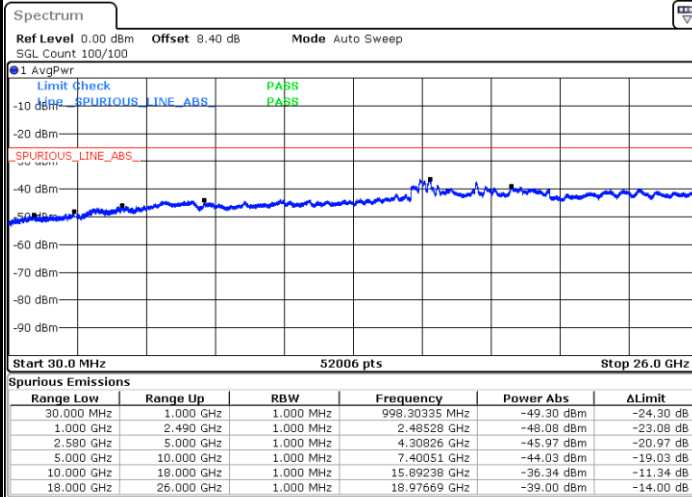


Date: 19.AUG.2026 02:20:16



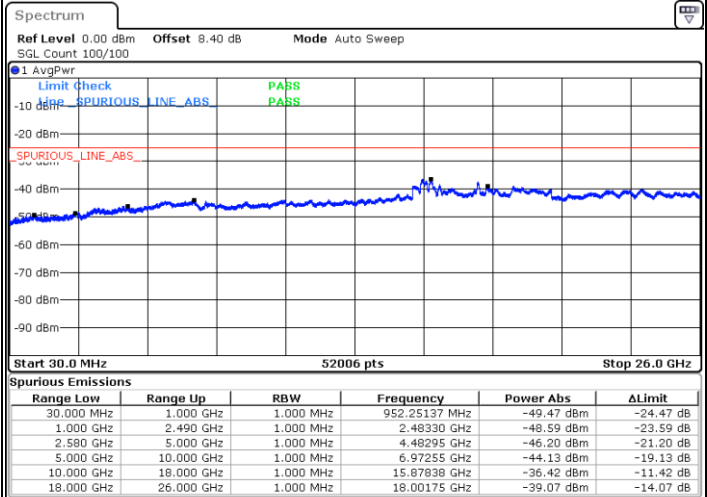
LTE Band 7 / 20MHz

Lowest Channel / QPSK



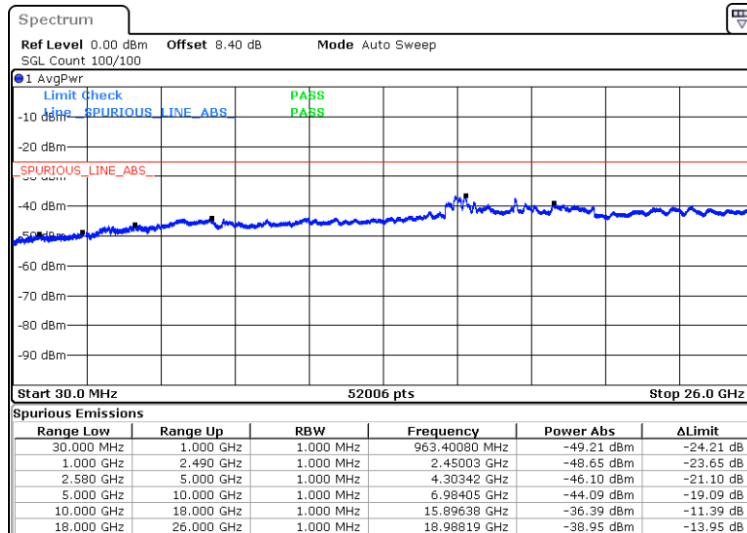
Date: 19.AUG.2026 02:21:55

Middle Channel / QPSK



Date: 19.AUG.2026 02:23:32

Highest Channel / QPSK



Date: 19.AUG.2026 02:25:09

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0009	2.3	Yes	PASS
40	Normal Voltage	0.0061	15.5	Yes	
30	Normal Voltage	0.0043	10.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0043	10.8	Yes	
0	Normal Voltage	0.0006	1.4	Yes	
-10	Normal Voltage	0.0004	-1.1	Yes	
-20	Normal Voltage	0.0032	8.2	Yes	
-30	Normal Voltage	0.0062	15.6	Yes	
20	Maximum Voltage	0.0033	8.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0031	7.8	Yes	

Note:

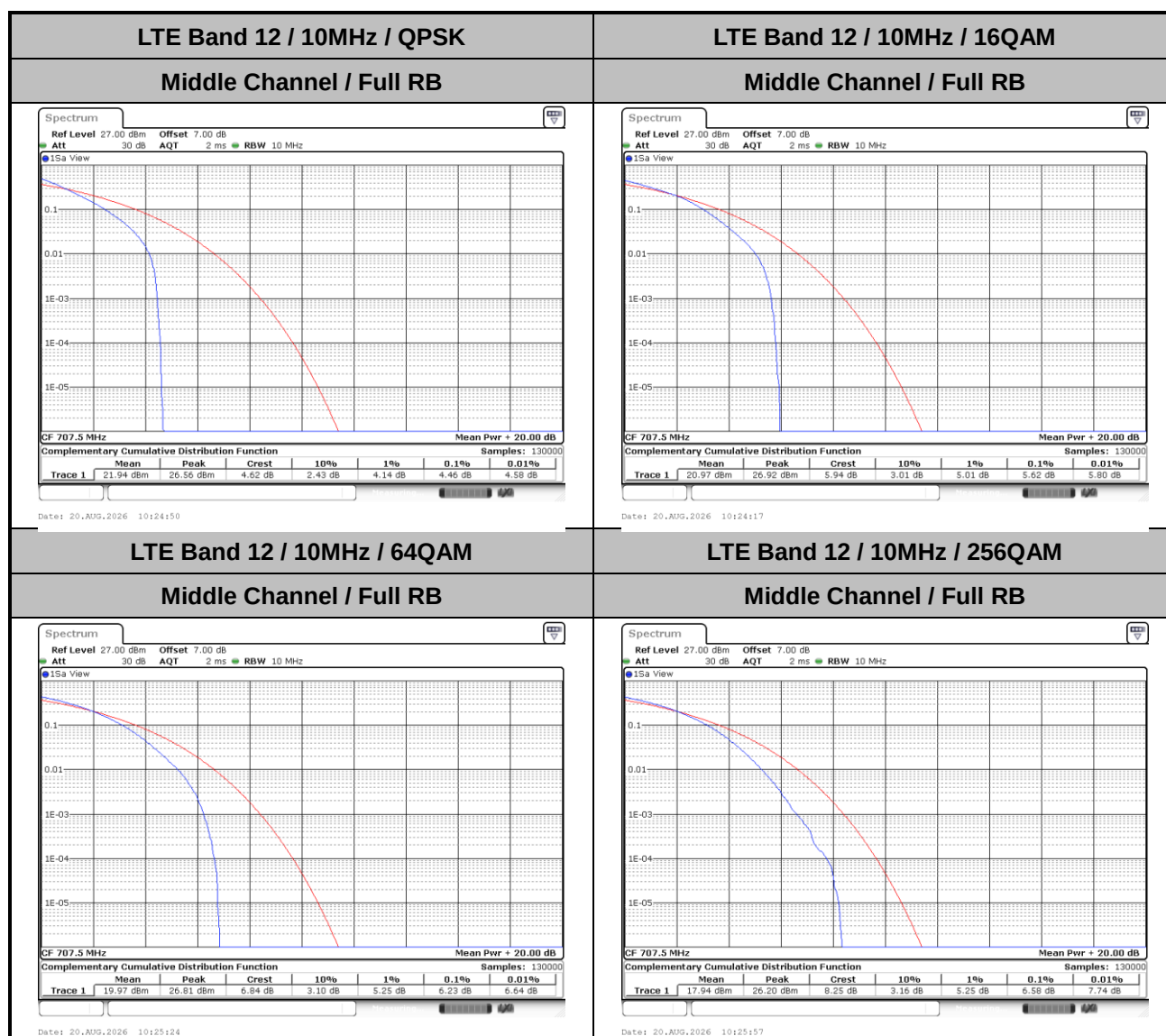
1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency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



LTE Band 12

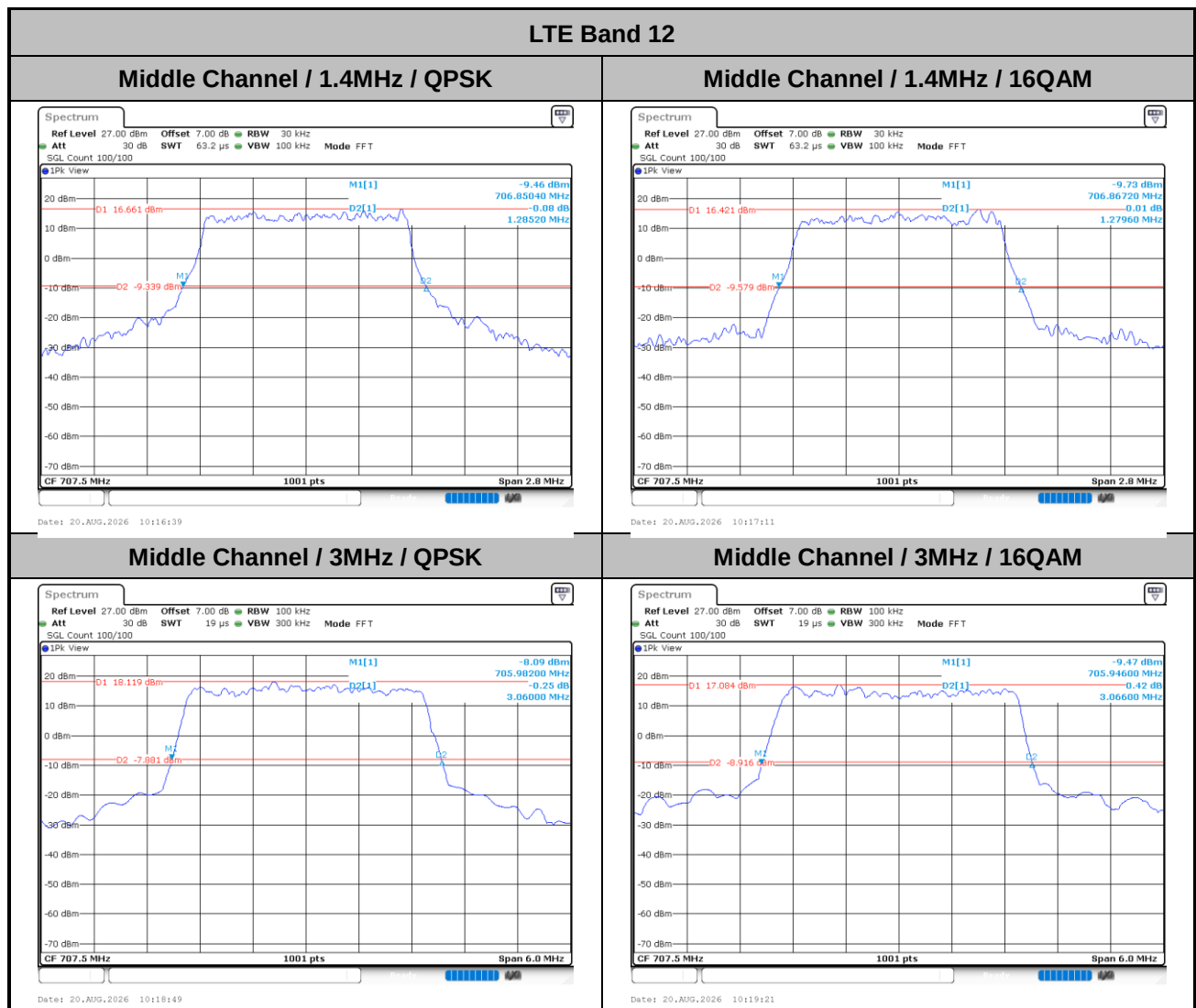
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.62	6.23	6.58	PASS



**26dB Bandwidth**

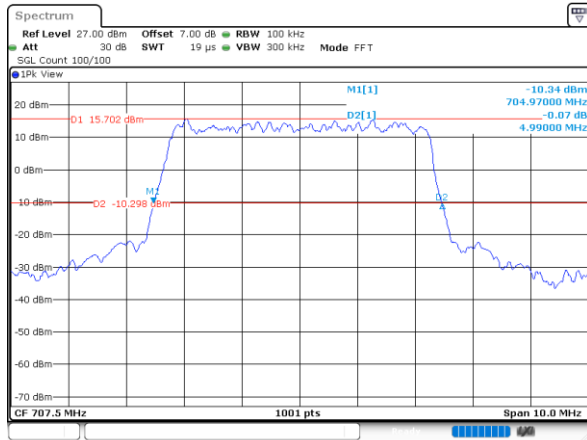
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.27	3.06	3.06	4.99	4.94	9.74	9.82	-	-	-	-



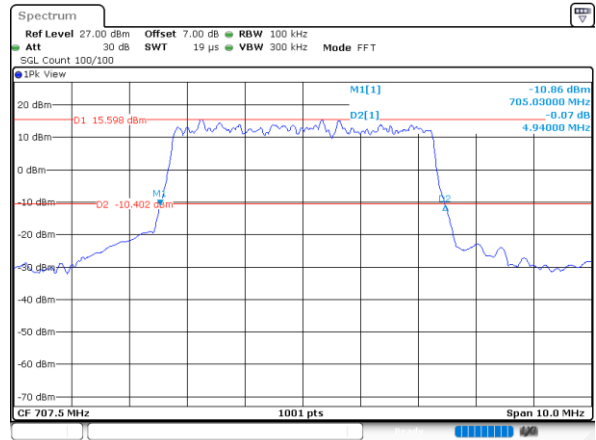


LTE Band 12

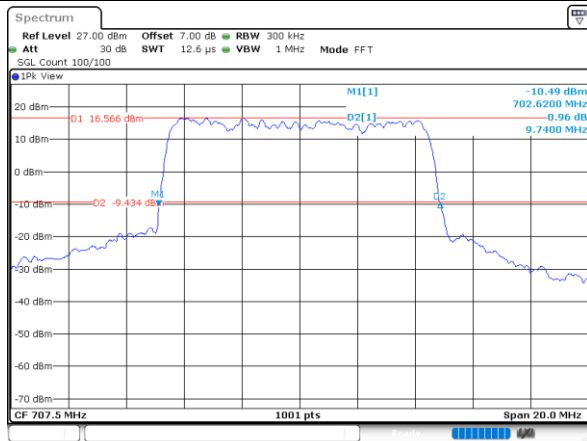
Middle Channel / 5MHz / QPSK



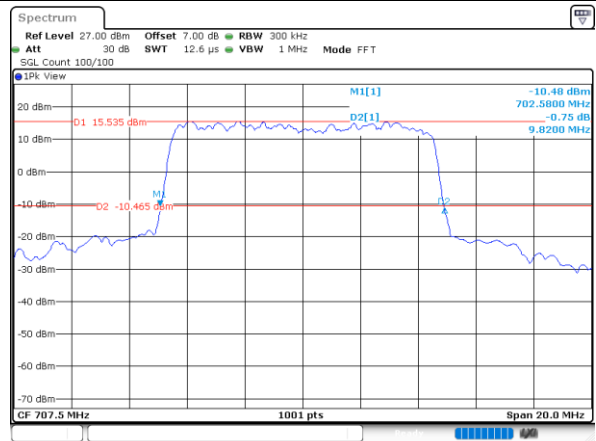
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



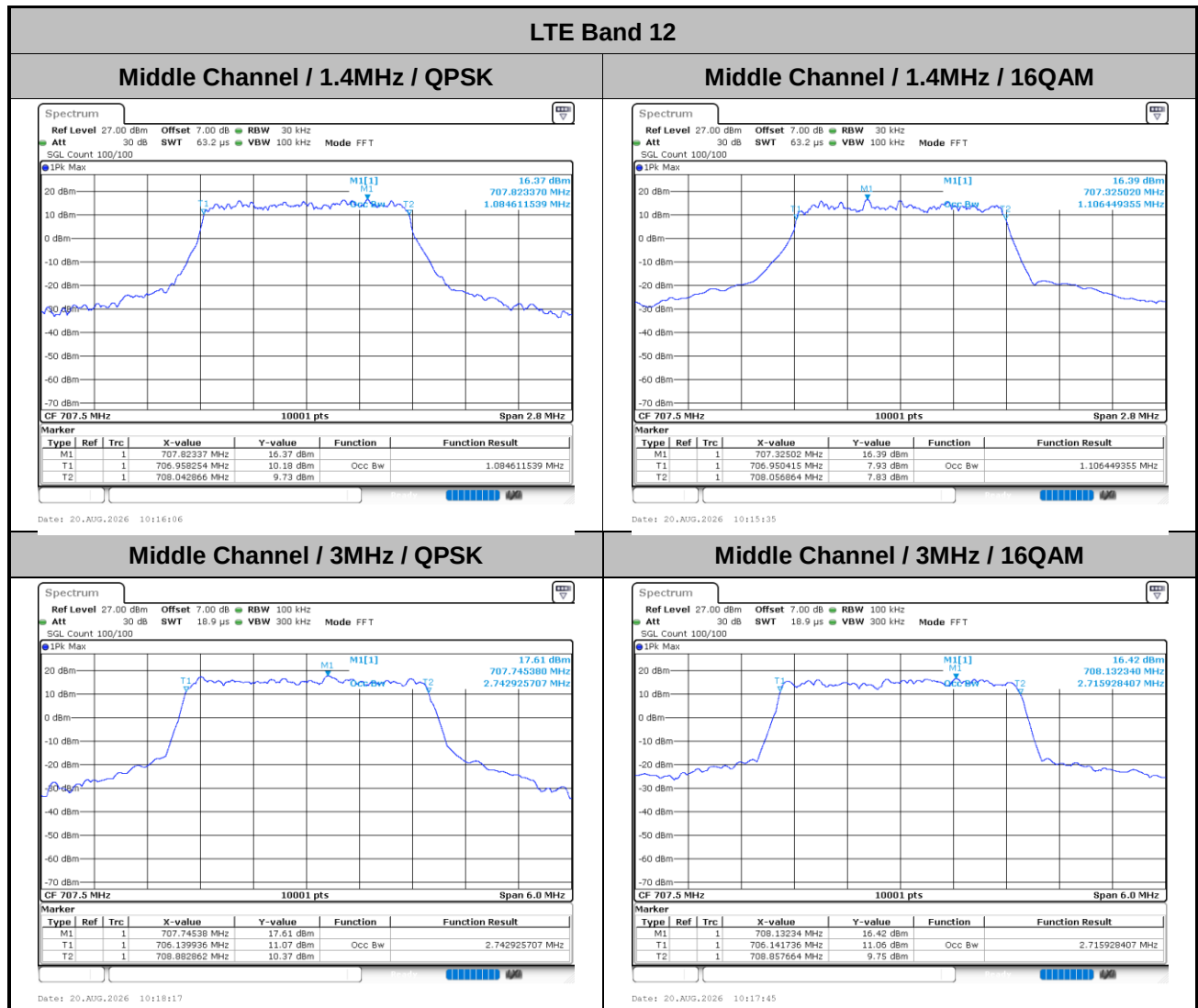
Middle Channel / 10MHz / 16QAM





Occupied Bandwidth

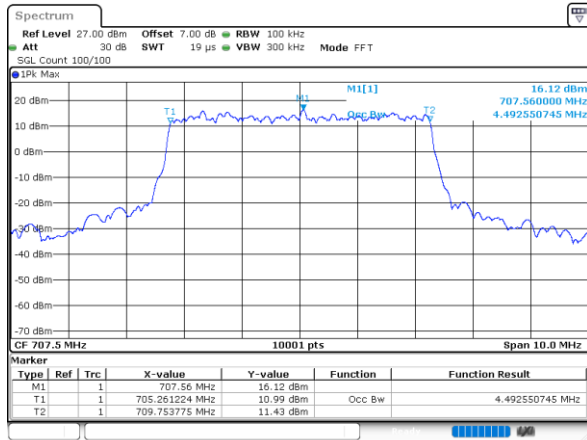
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.10	2.74	2.71	4.49	4.48	9.02	9.04	-	-	-	-



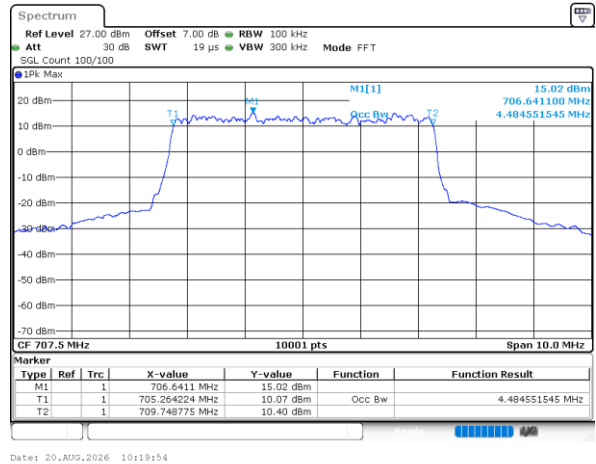


LTE Band 12

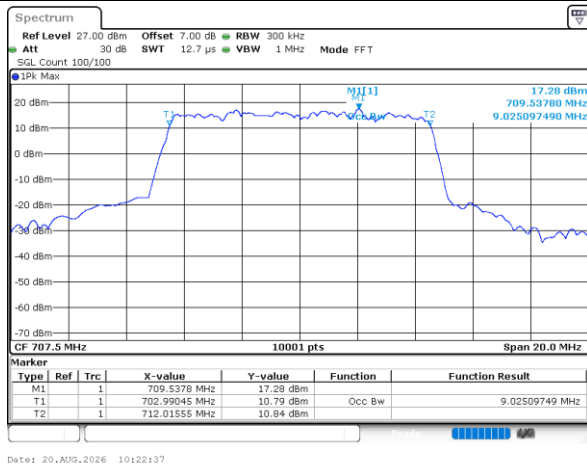
Middle Channel / 5MHz / QPSK



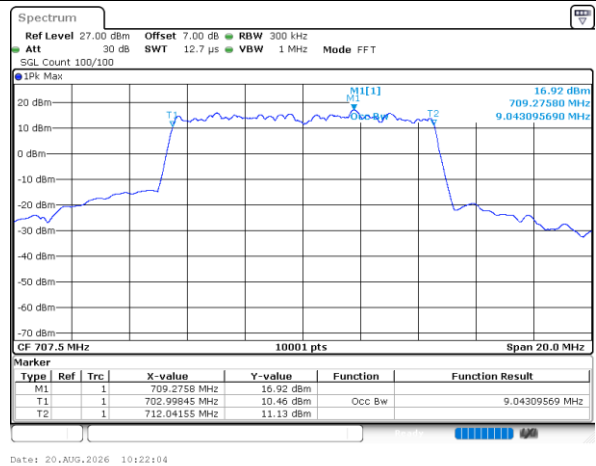
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

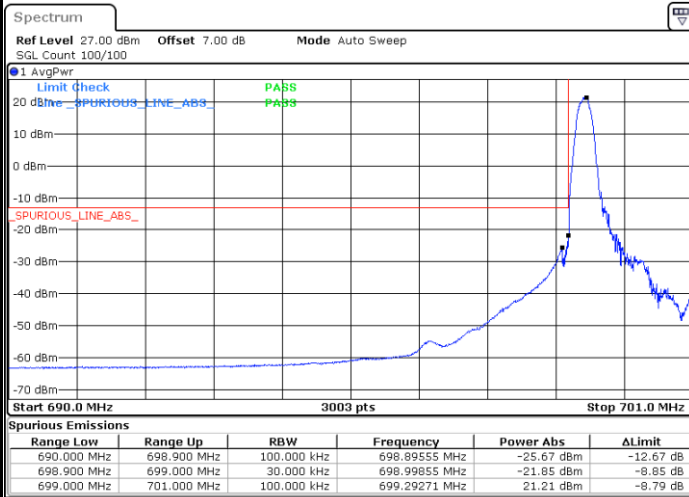




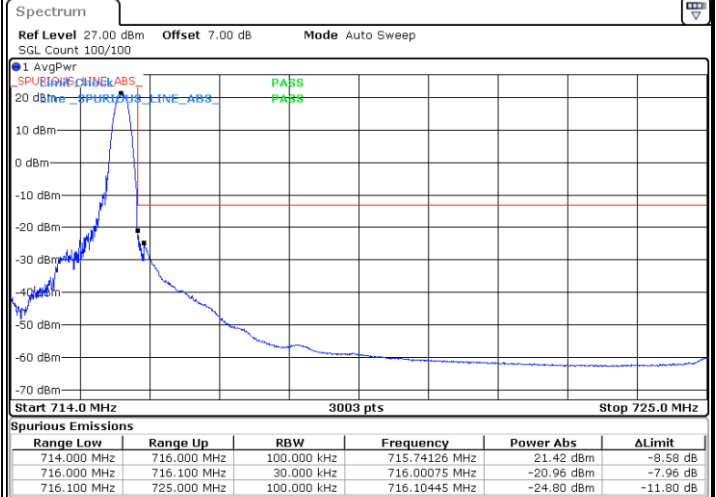
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

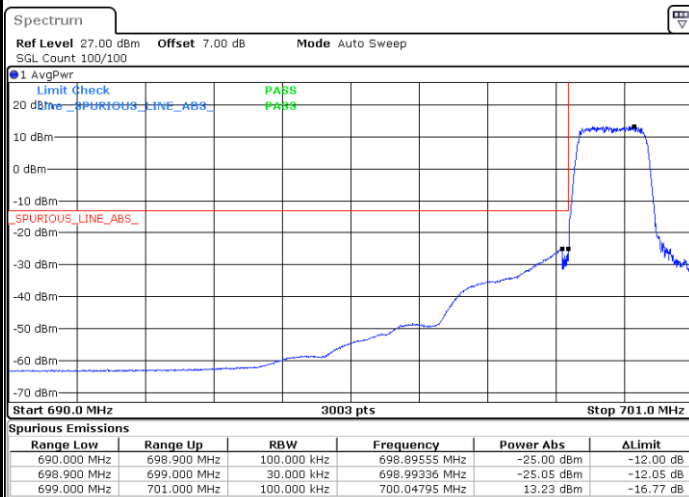
Lowest Band Edge / 1RB



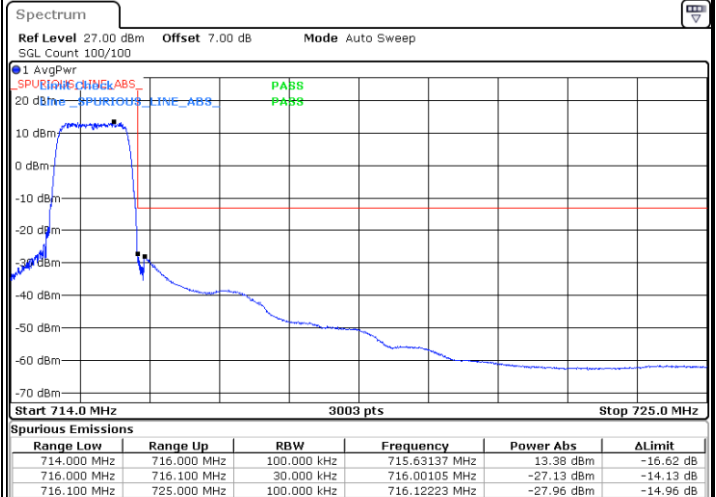
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



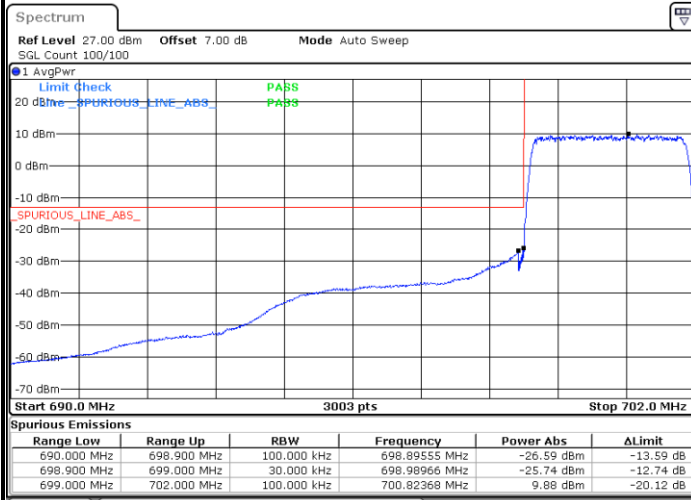
Highest Band Edge / Full RB



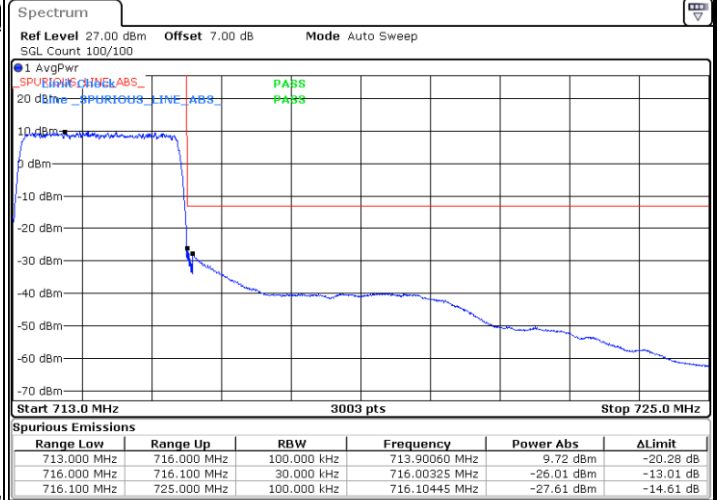


LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / Full RB

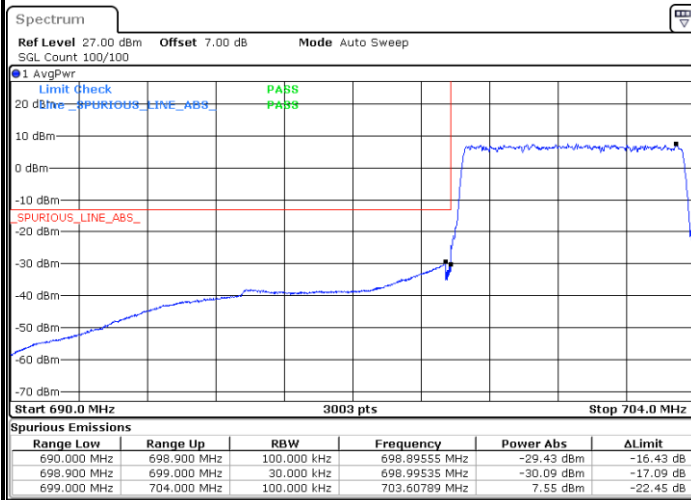


Highest Band Edge / Full RB

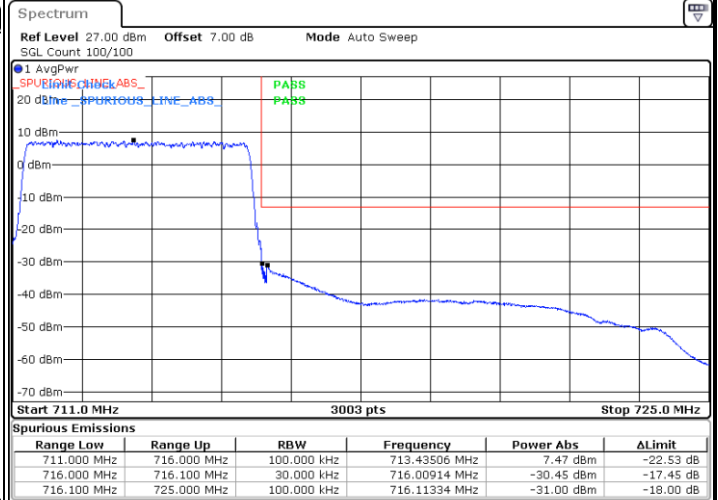


LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

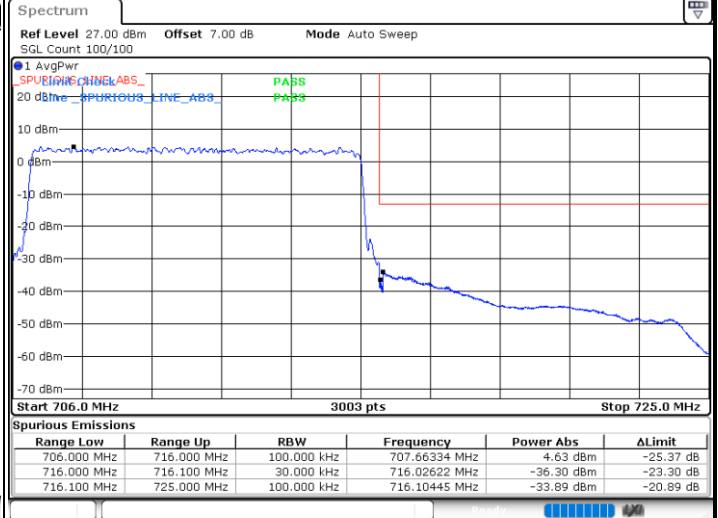
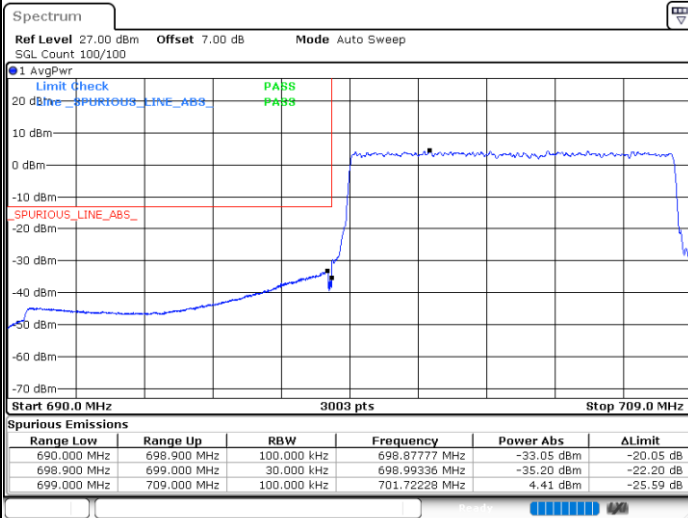




LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

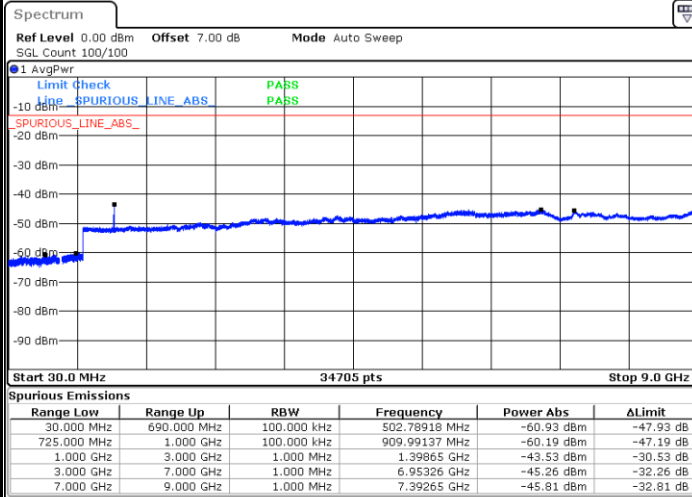




Conducted Spurious Emission

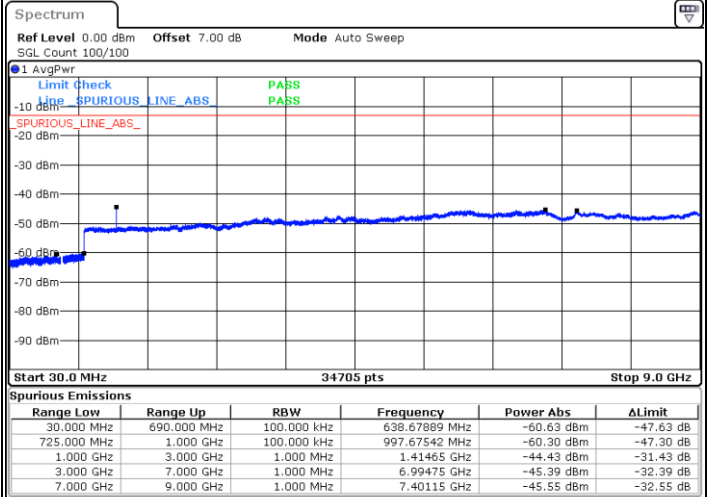
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



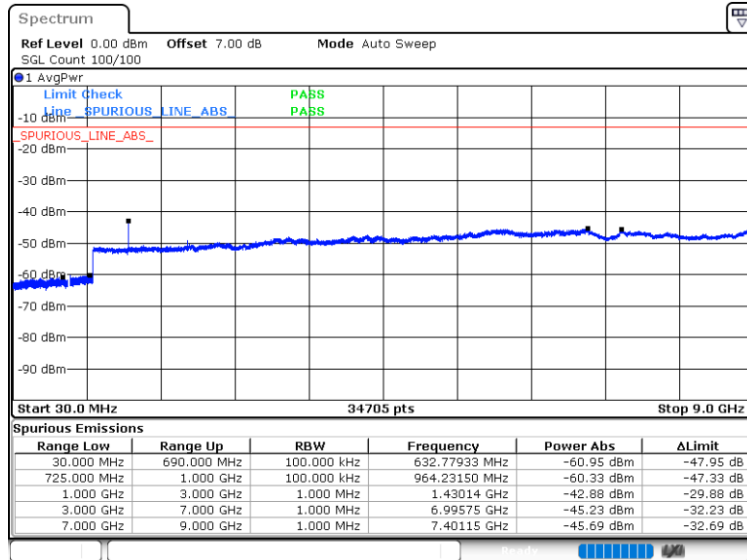
Date: 20.AUG.2026 10:31:43

Middle Channel / QPSK



Date: 20.AUG.2026 10:33:18

Highest Channel / QPSK

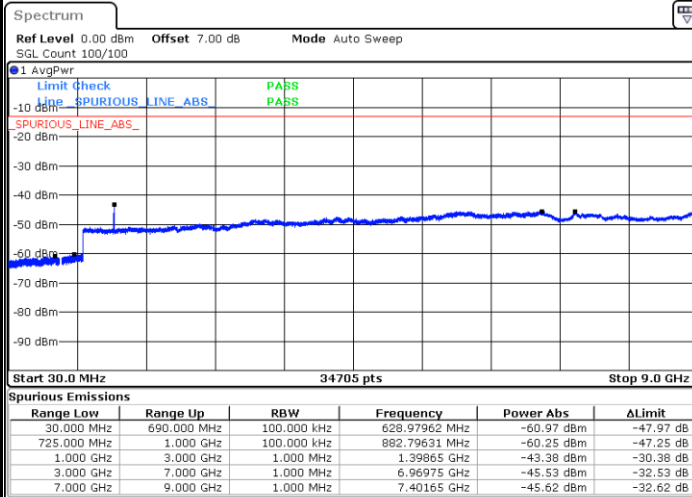


Date: 20.AUG.2026 10:37:17



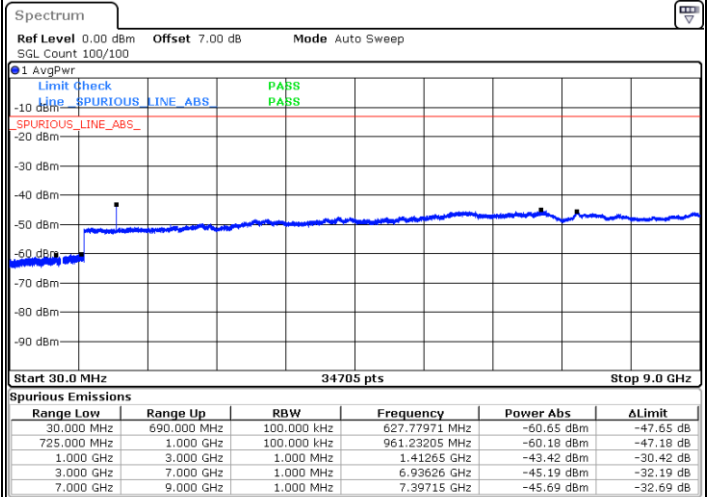
LTE Band 12 / 3MHz

Lowest Channel / QPSK



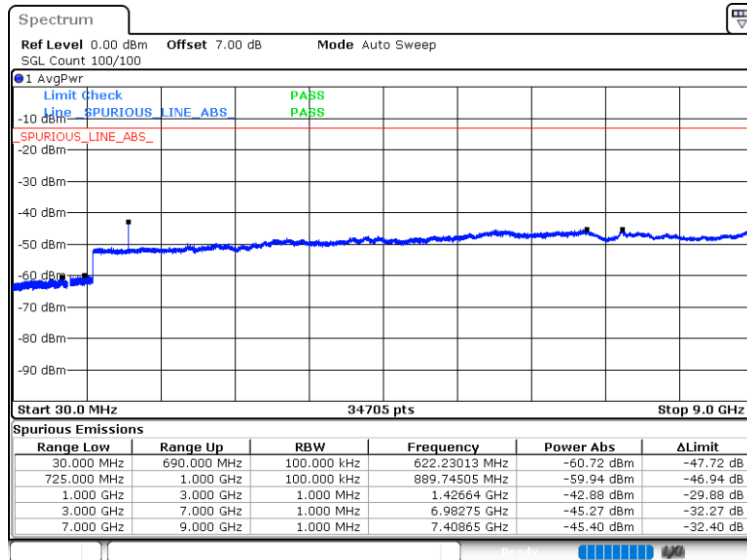
Date: 20.AUG.2026 10:46:01

Middle Channel / QPSK



Date: 20.AUG.2026 10:47:35

Highest Channel / QPSK

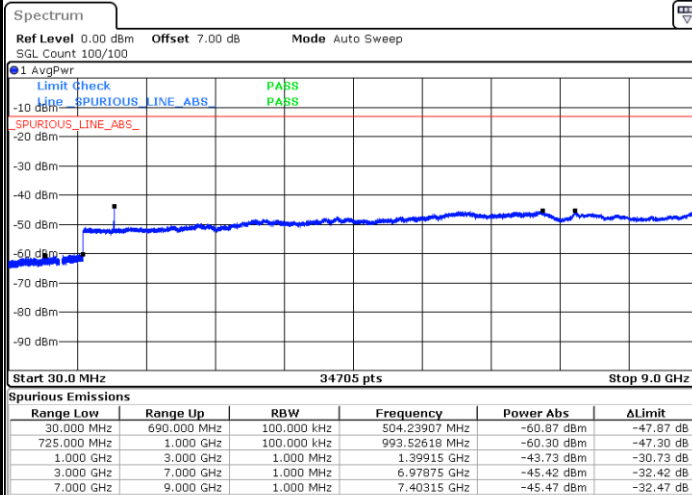


Date: 20.AUG.2026 10:49:10



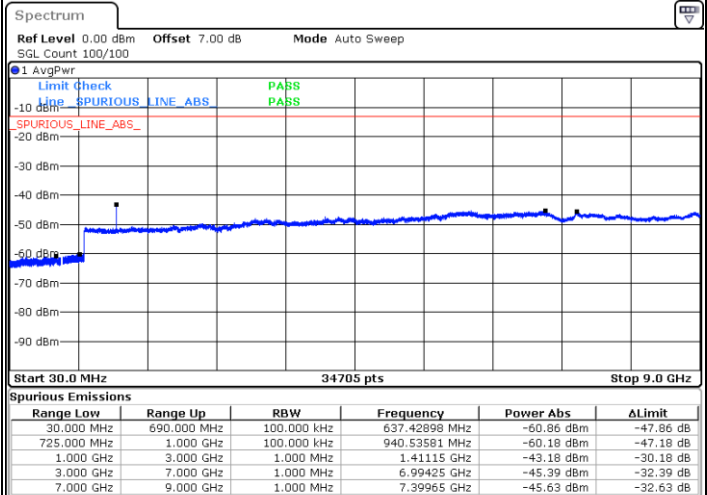
LTE Band 12 / 5MHz

Lowest Channel / QPSK



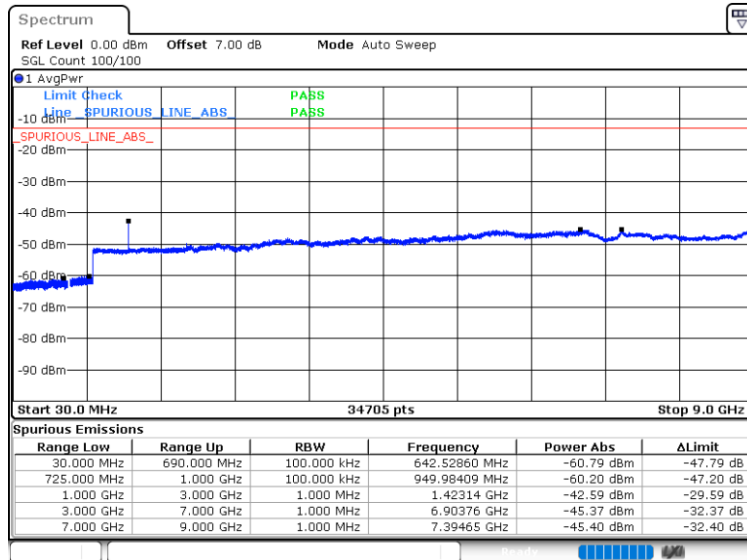
Date: 20.AUG.2026 10:50:43

Middle Channel / QPSK



Date: 20.AUG.2026 10:52:16

Highest Channel / QPSK

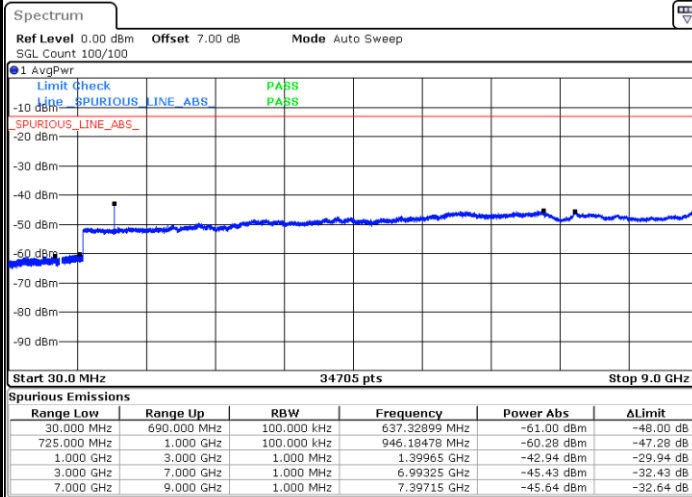


Date: 20.AUG.2026 10:53:54



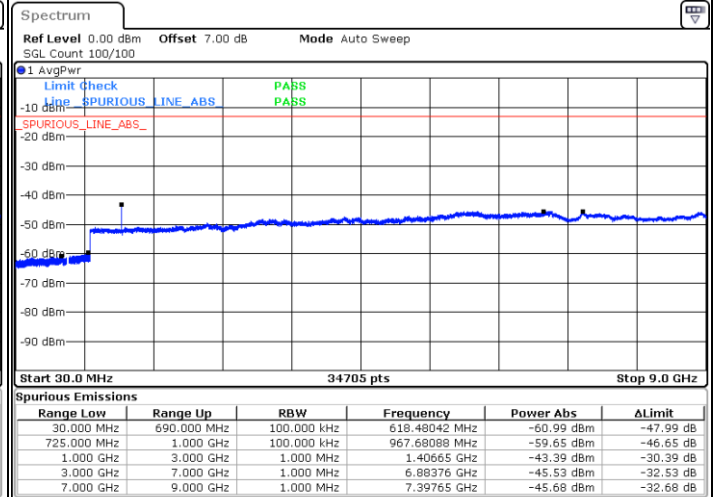
LTE Band 12 / 10MHz

Lowest Channel / QPSK



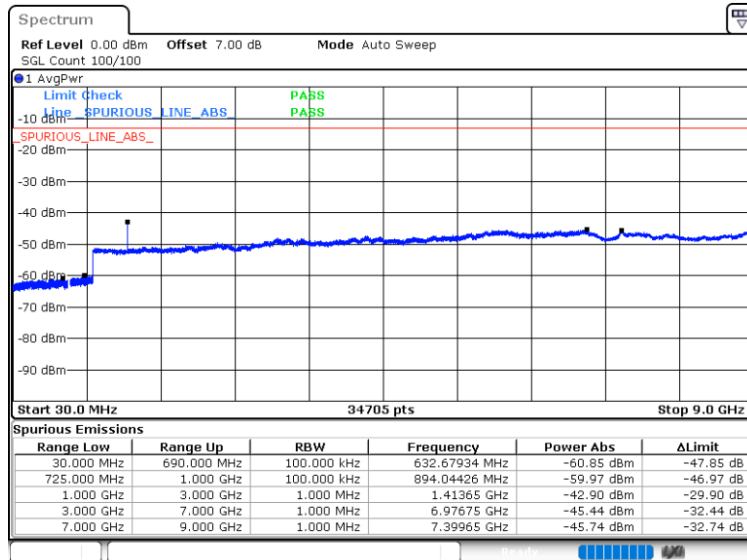
Date: 20.AUG.2026 10:55:30

Middle Channel / QPSK



Date: 20.AUG.2026 10:57:08

Highest Channel / QPSK



Date: 20.AUG.2026 10:58:43

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0246	17.4	Yes	PASS
40	Normal Voltage	0.0253	17.9	Yes	
30	Normal Voltage	0.0154	10.9	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0139	9.8	Yes	
0	Normal Voltage	0.0271	19.2	Yes	
-10	Normal Voltage	0.0037	2.6	Yes	
-20	Normal Voltage	0.0086	6.1	Yes	
-30	Normal Voltage	0.0028	2	Yes	
20	Maximum Voltage	0.0105	7.4	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0075	5.3	Yes	

Note:

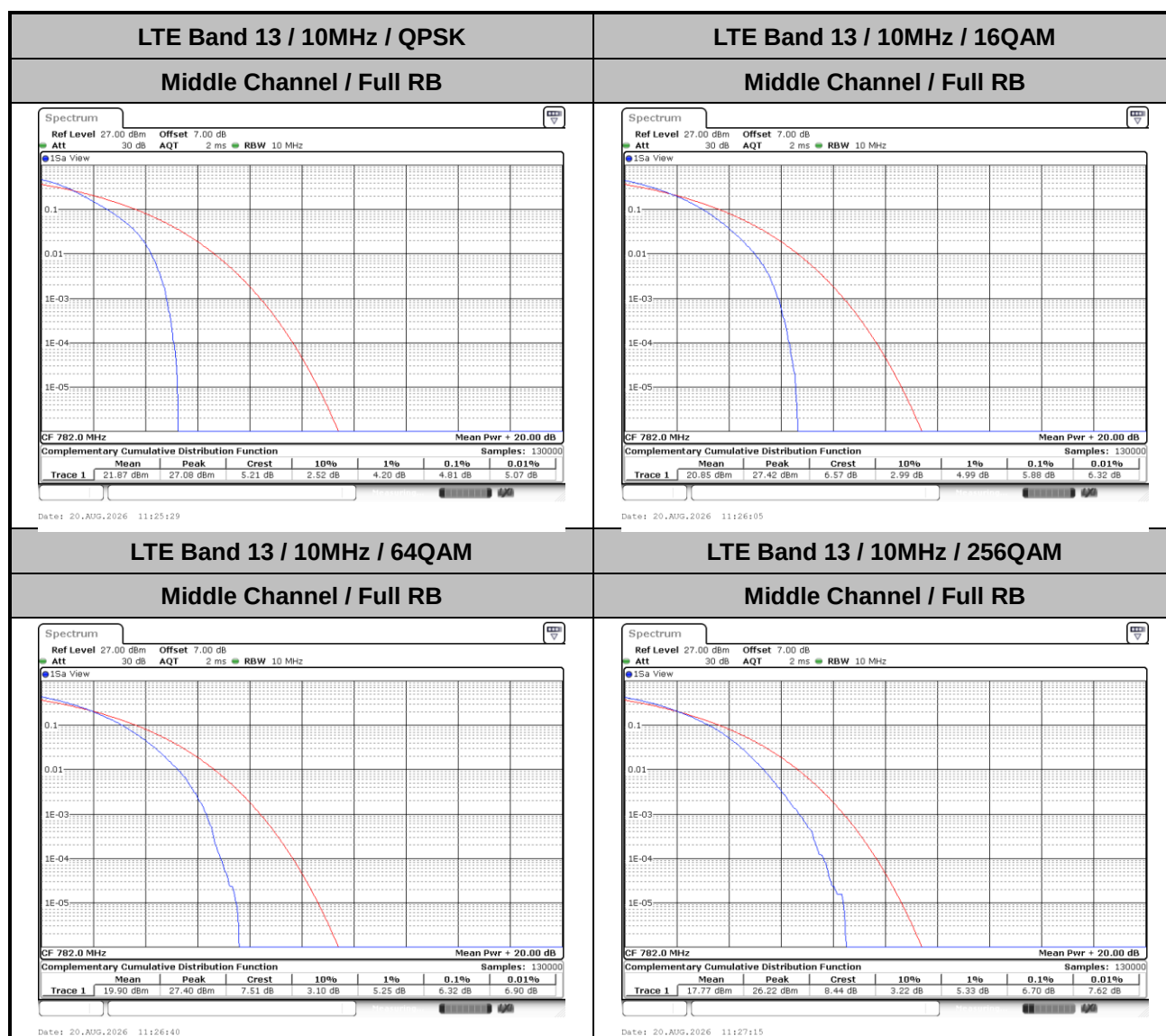
1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency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



LTE Band 13

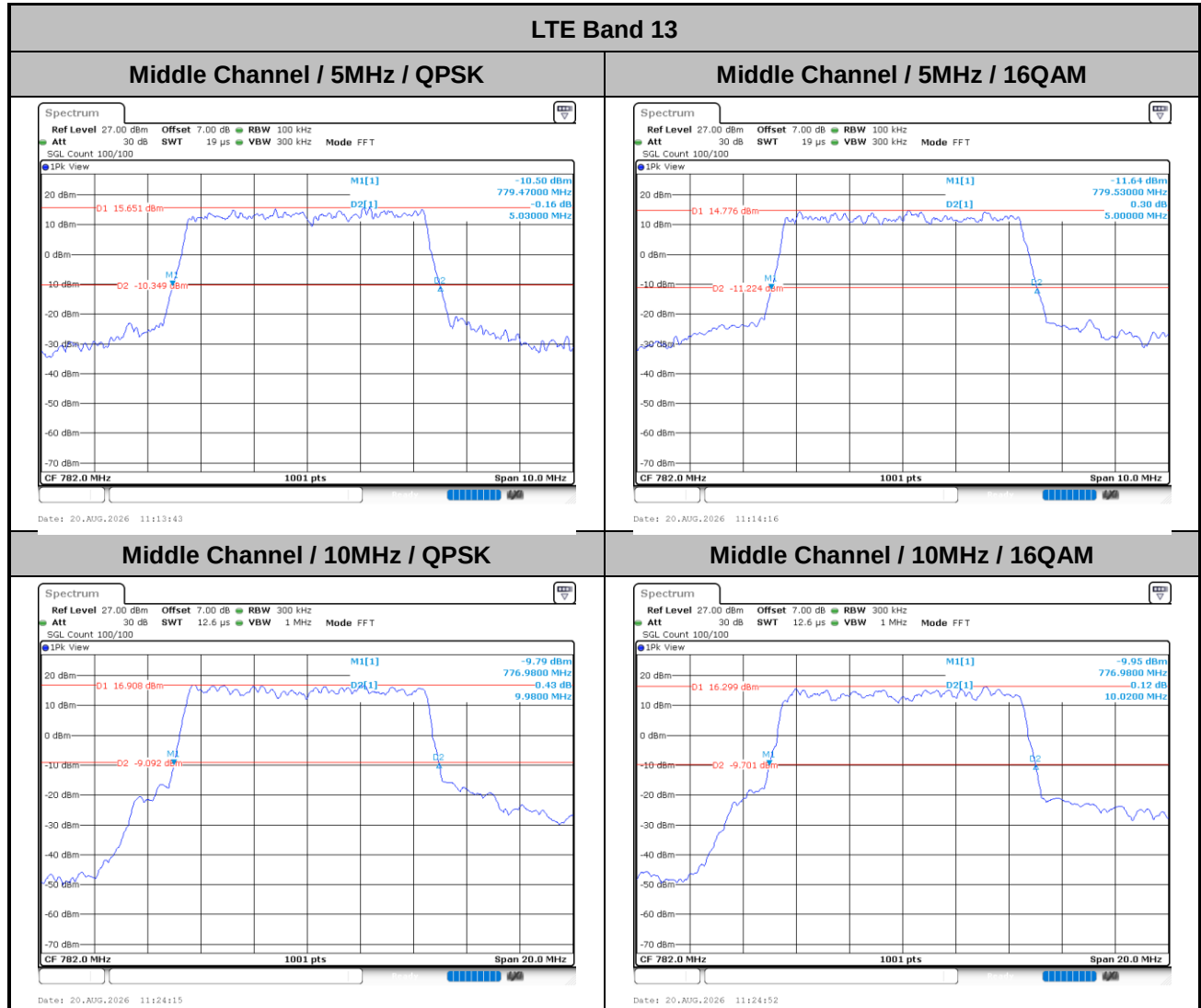
Peak-to-Average Ratio

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	4.81	5.88	6.32	6.70	PASS



**26dB Bandwidth**

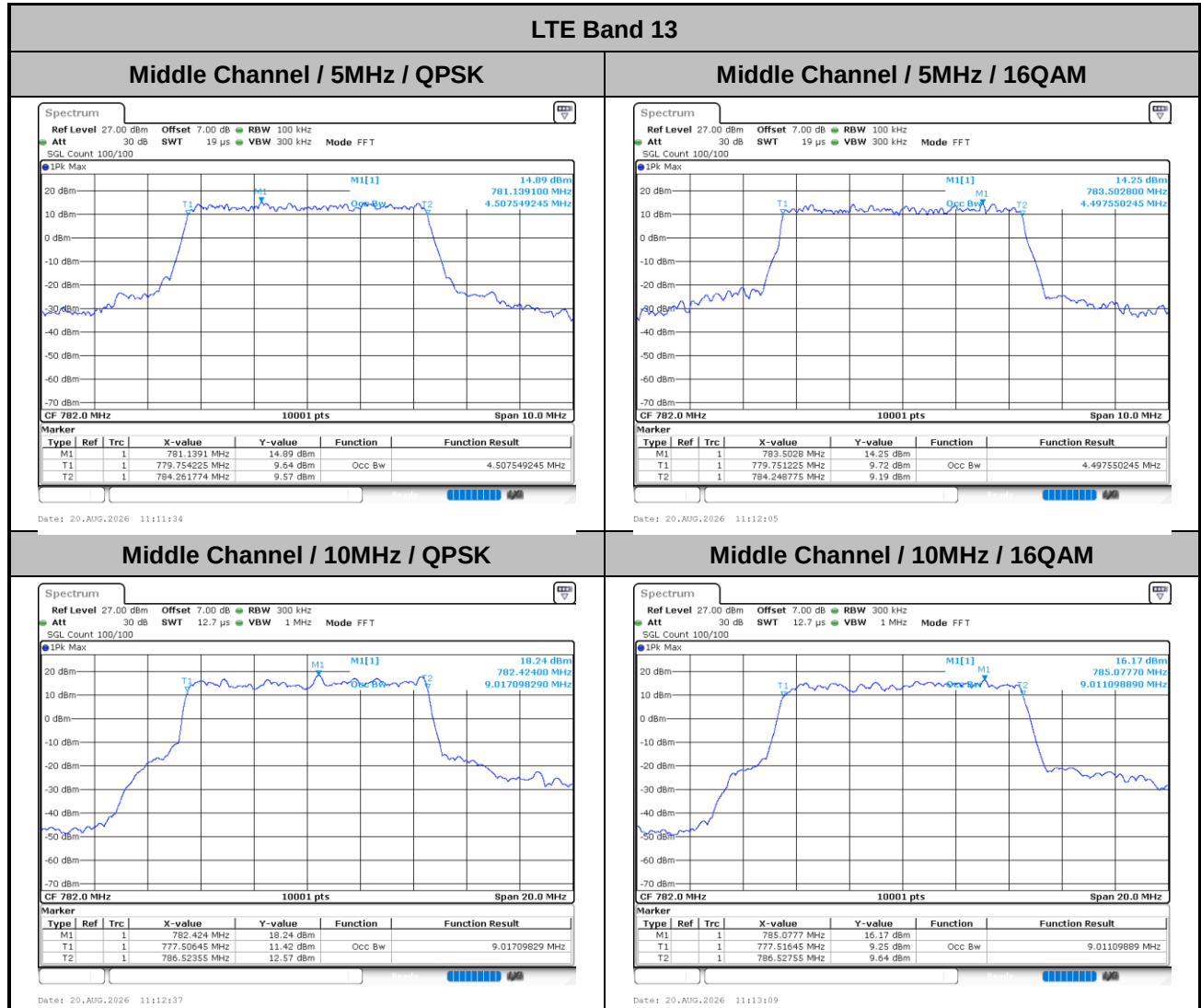
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.03	5.00	9.98	10.02	-	-	-	-

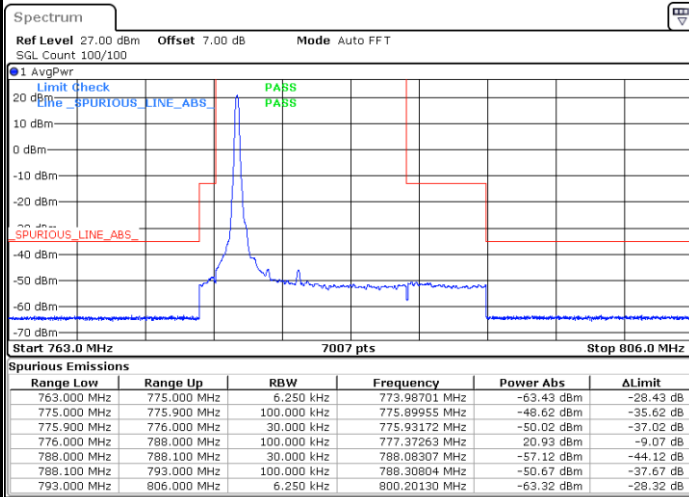




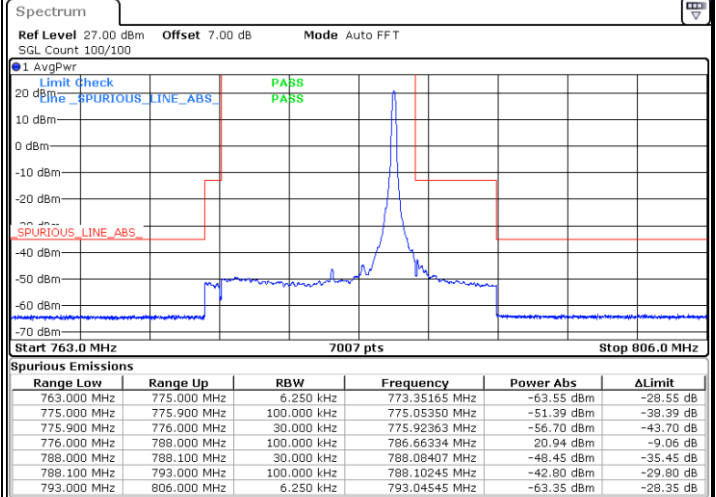
Occupied Bandwidth

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	4.49	9.01	9.01	-	-	-	-

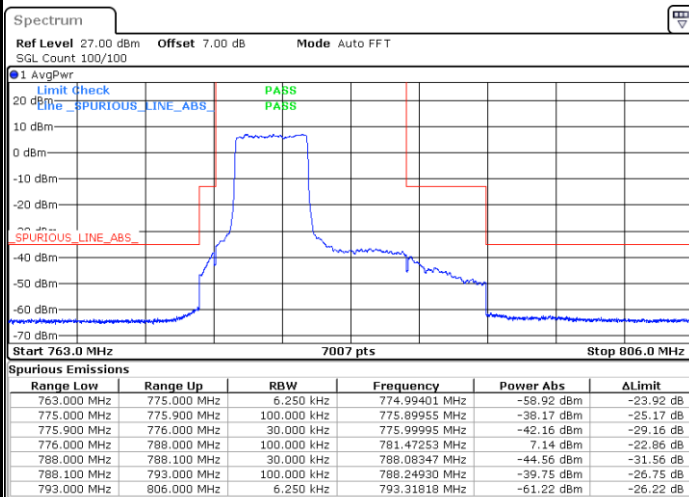


**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB**

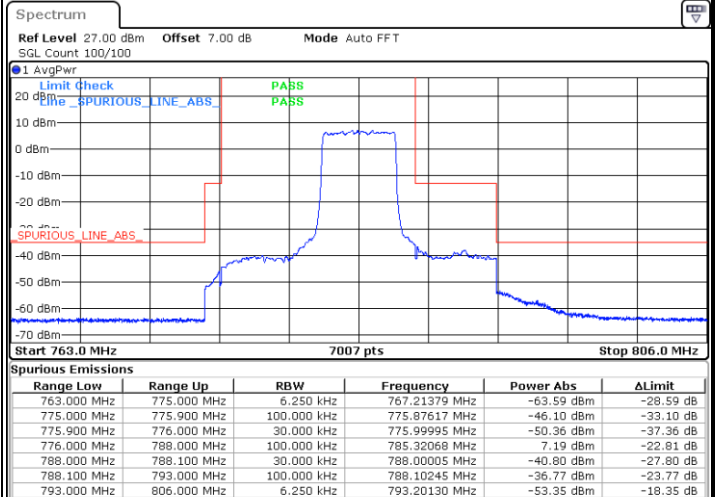
Date: 20.AUG.2026 11:01:12

Highest Band Edge / 1 RB

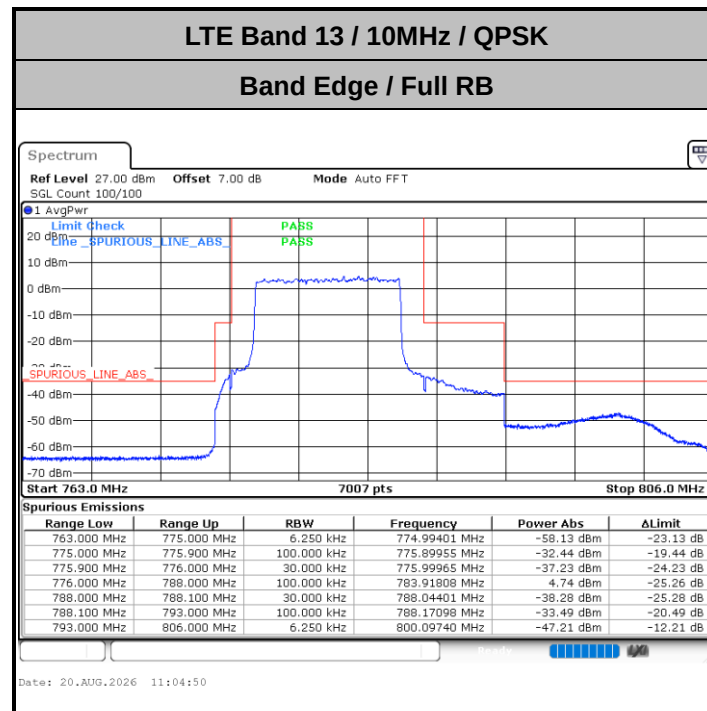
Date: 20.AUG.2026 11:03:38

Lowest Band Edge / Full RB

Date: 20.AUG.2026 11:00:00

Highest Band Edge / Full RB

Date: 20.AUG.2026 11:02:25

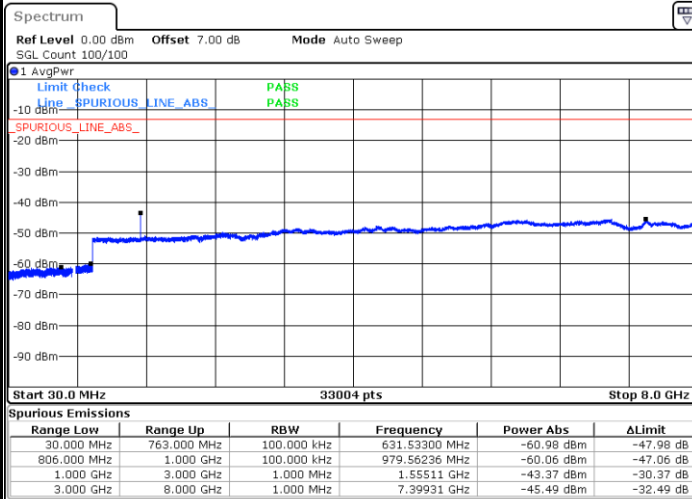




Conducted Spurious Emission

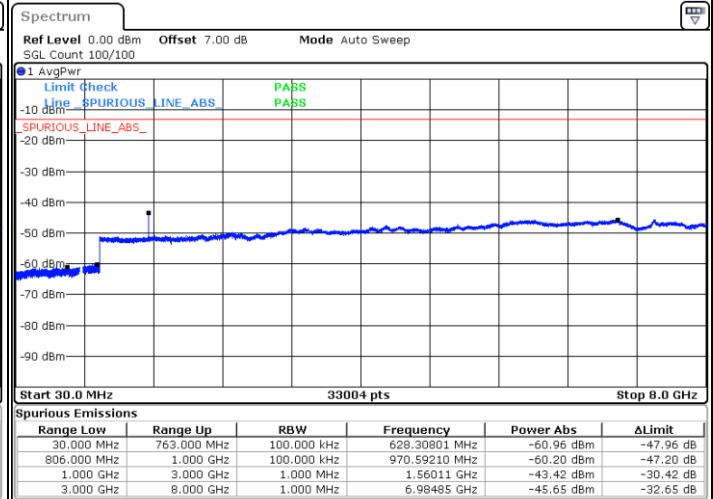
LTE Band 13 / 5MHz

Lowest Channel / QPSK



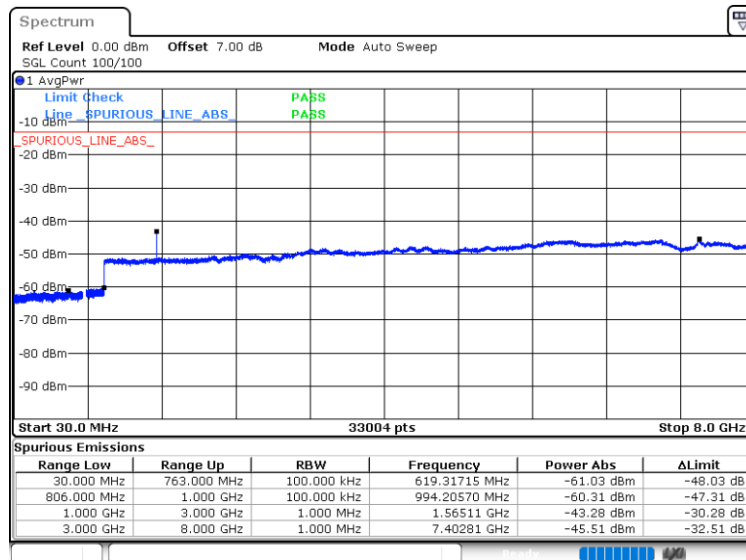
Date: 20.AUG.2026 11:06:21

Middle Channel / QPSK



Date: 20.AUG.2026 11:07:53

Highest Channel / QPSK

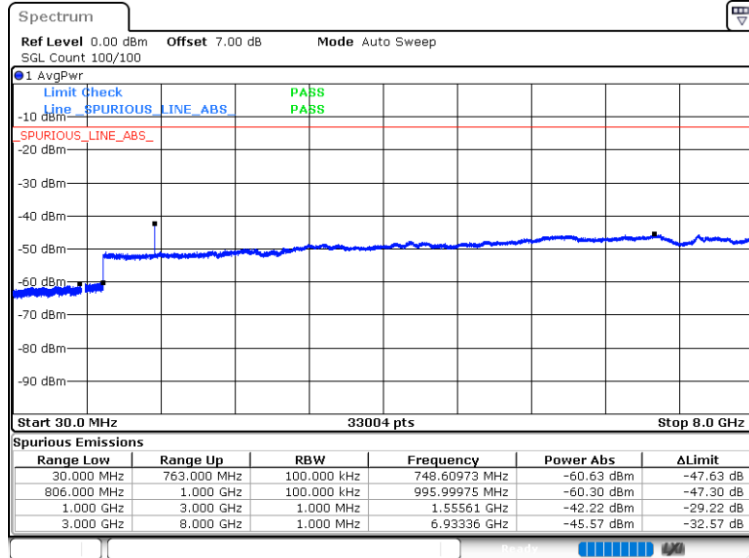


Date: 20.AUG.2026 11:09:25



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 20.AUG.2026 11:10:59

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	0.0038	3	Yes	PASS
40	Normal Voltage	0.0134	10.5	Yes	
30	Normal Voltage	0.0169	13.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0037	2.9	Yes	
0	Normal Voltage	0.0211	16.5	Yes	
-10	Normal Voltage	0.0138	10.8	Yes	
-20	Normal Voltage	0.0132	10.3	Yes	
-30	Normal Voltage	0.0216	16.9	Yes	
20	Maximum Voltage	0.0096	7.5	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0065	5.1	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.

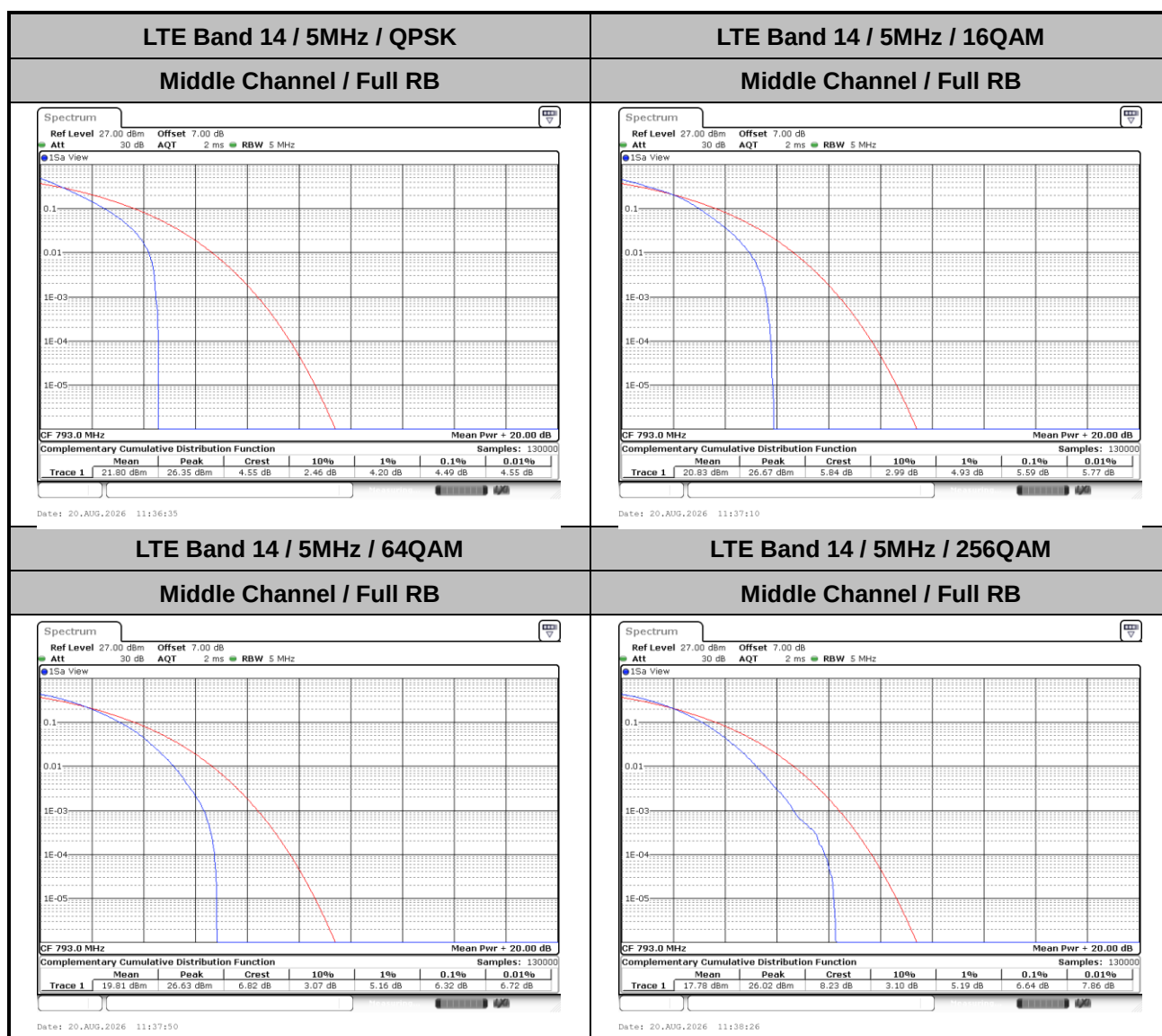


LTE Band 14

Peak-to-Average Ratio

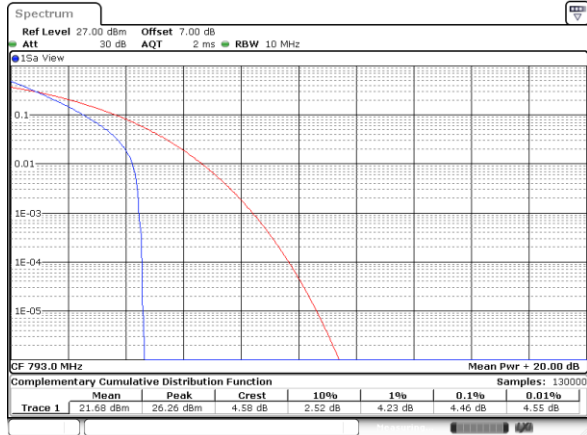
Mode	LTE Band 14 / 5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.49	5.59	6.32	6.64	PASS

Mode	LTE Band 14 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.54	6.29	6.52	PASS



LTE Band 14 / 10MHz / QPSK

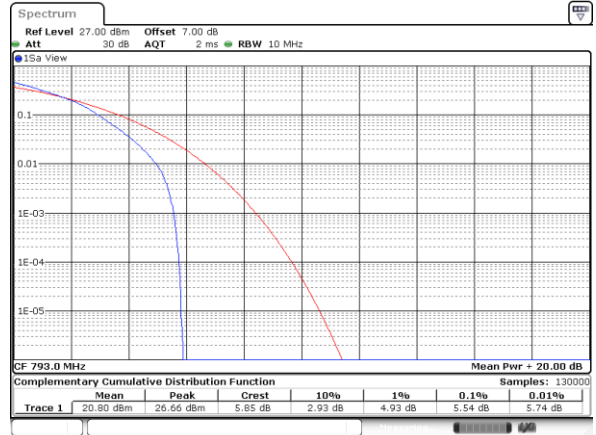
Middle Channel / Full RB



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LTE Band 14 / 10MHz / 16QAM

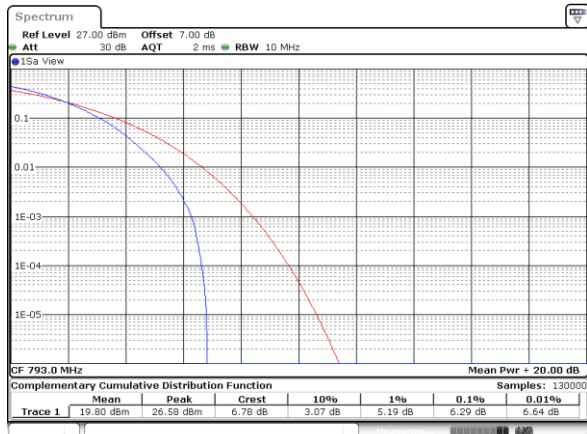
Middle Channel / Full RB



Date: 20.AUG.2026 11:42:04

LTE Band 14 / 10MHz / 64QAM

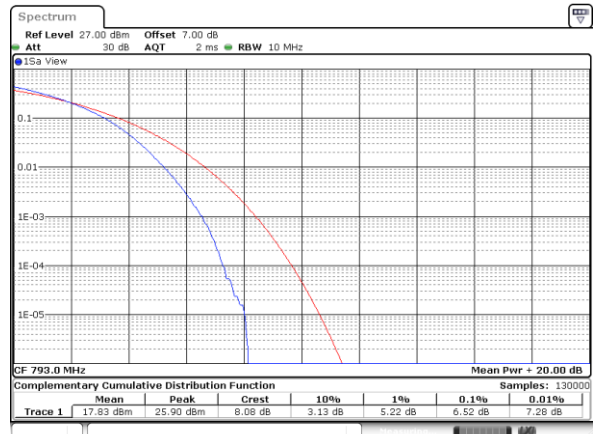
Middle Channel / Full RB



Date: 20.AUG.2026 11:42:39

LTE Band 14 / 10MHz / 256QAM

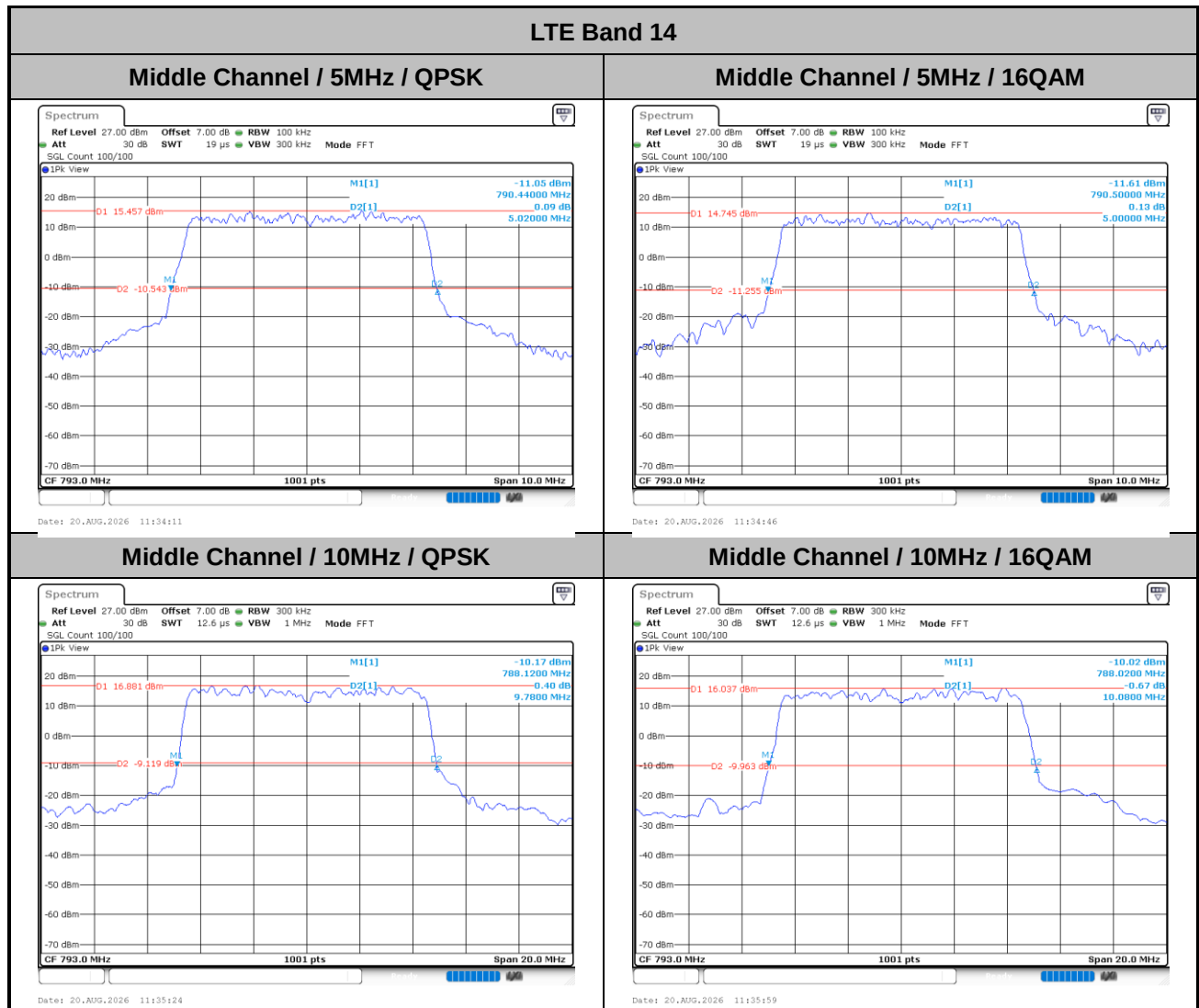
Middle Channel / Full RB



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**26dB Bandwidth**

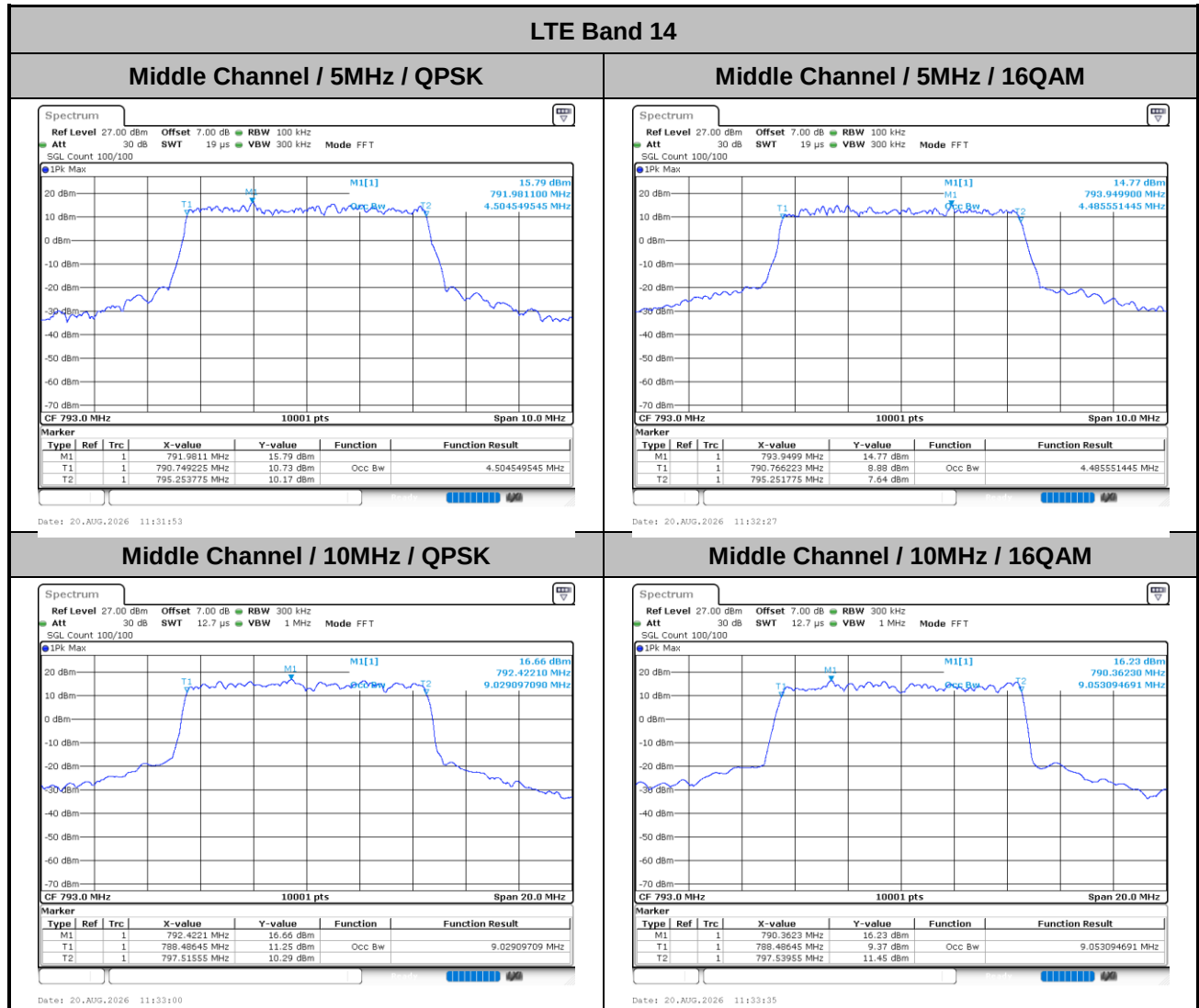
Mode	LTE Band 14 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.02	5.00	9.78	10.08	-	-	-	-





Occupied Bandwidth

Mode	LTE Band 14 : 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	4.48	9.02	9.05	-	-	-	-

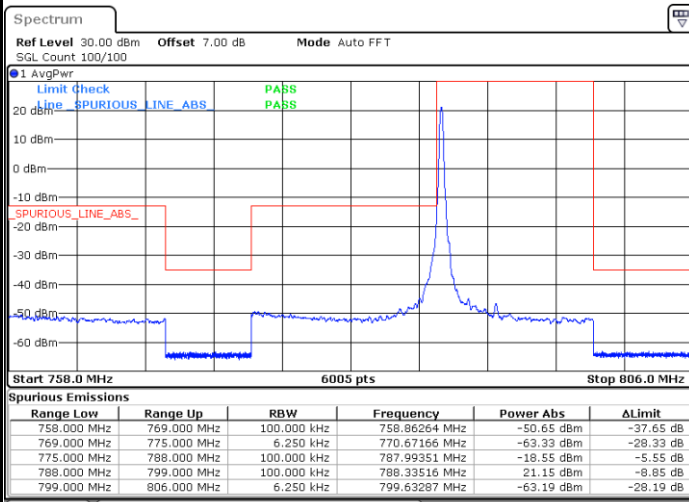




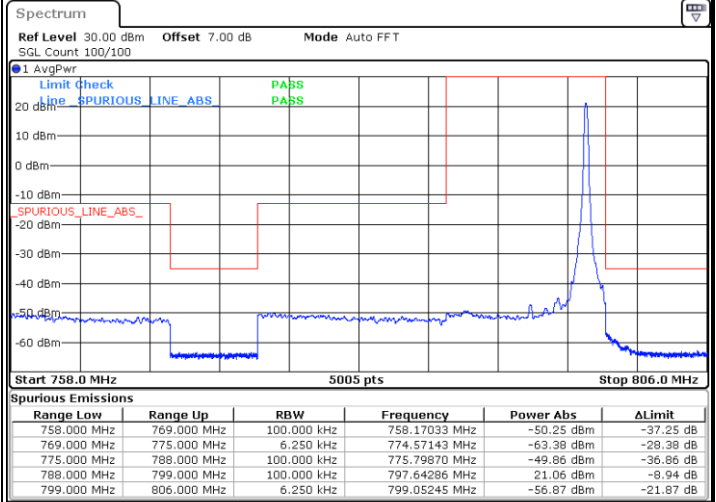
Conducted Band Edge

LTE Band 14 / 5MHz / QPSK

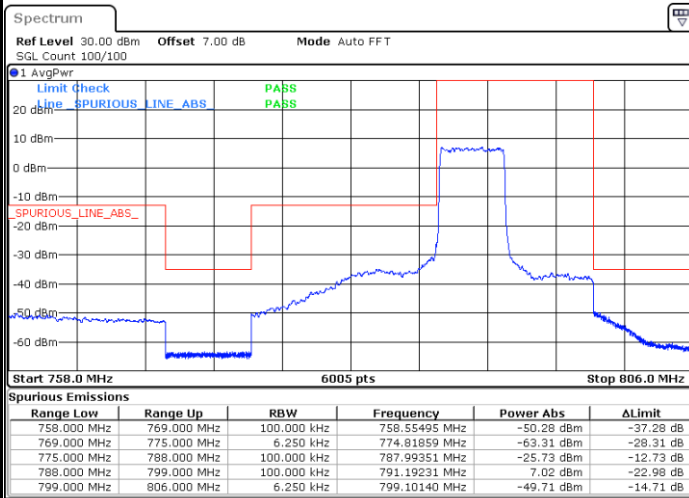
Lowest Band Edge / 1 RB



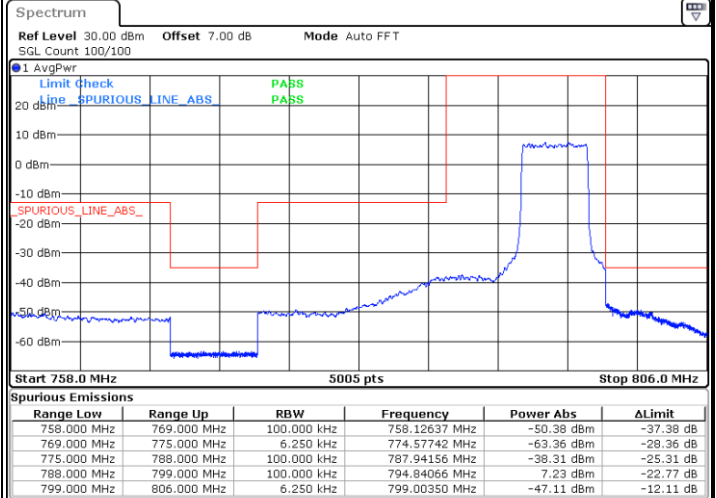
Highest Band Edge / 1 RB

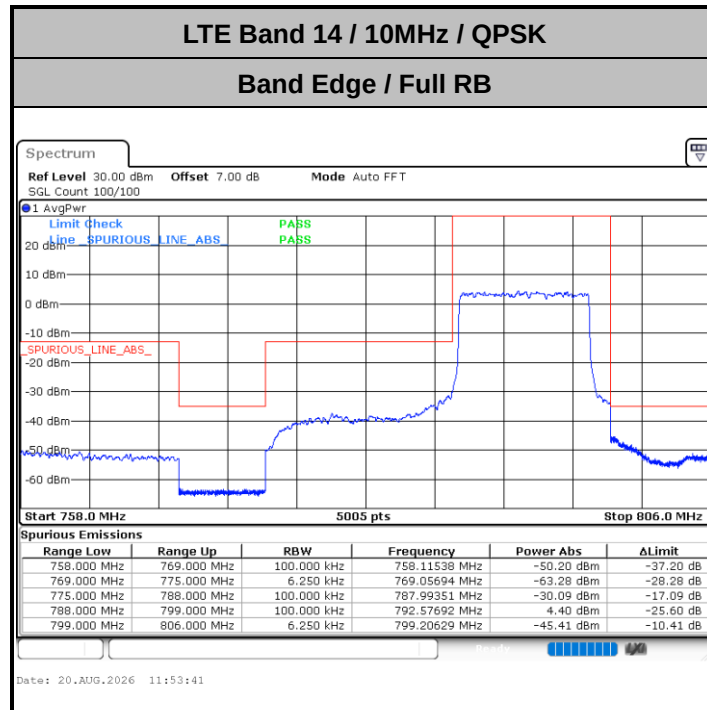


Lowest Band Edge / Full RB



Highest Band Edge / Full RB



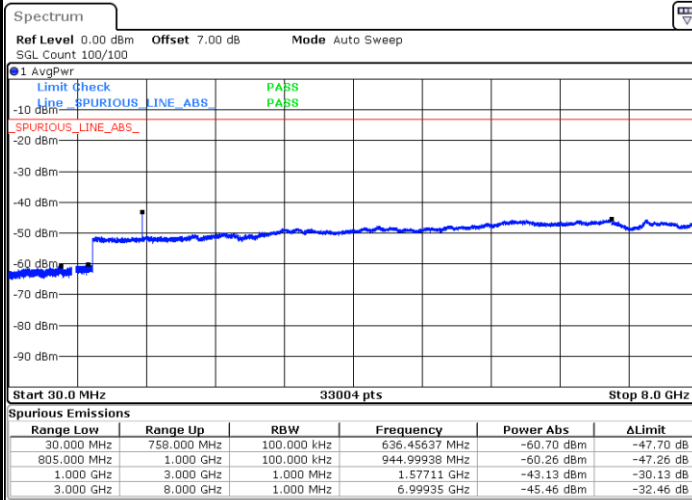




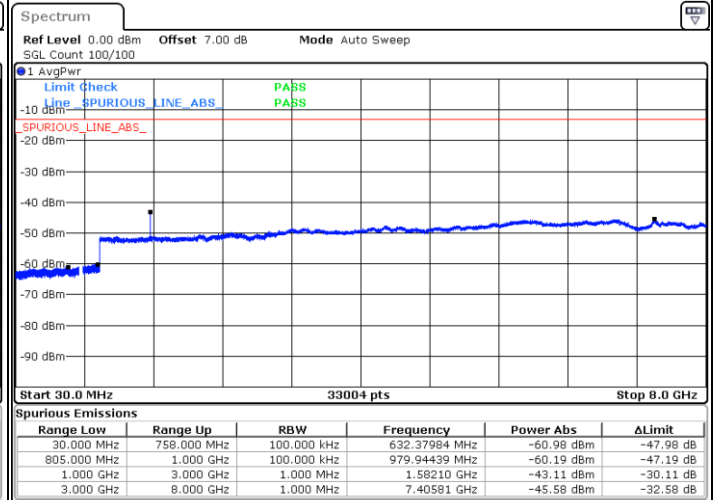
Conducted Spurious Emission

LTE Band 14 / 5MHz

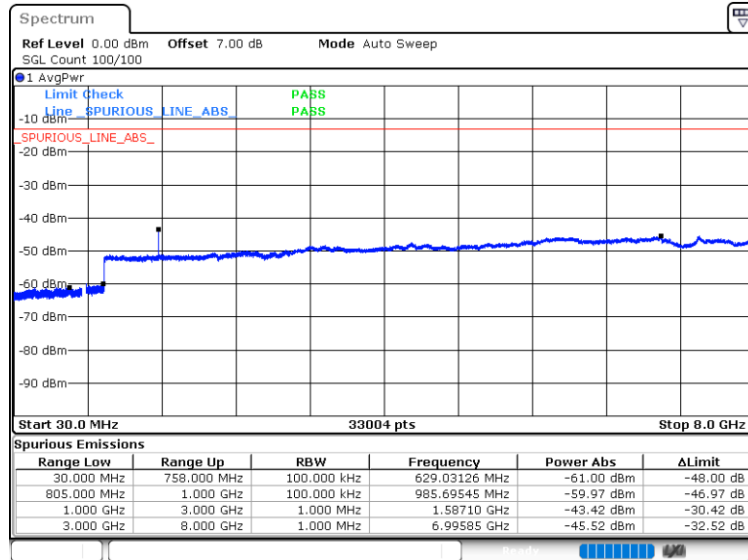
Lowest Channel / QPSK



Middle Channel / QPSK



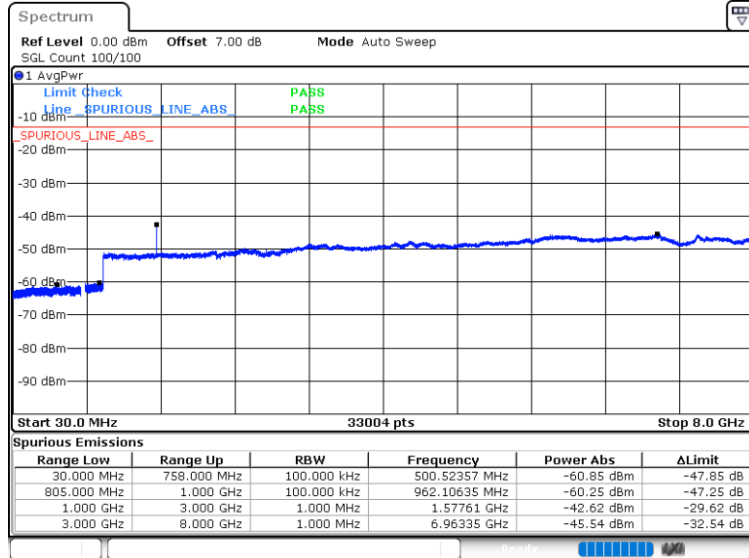
Highest Channel / QPSK





LTE Band 14 / 10MHz

Middle Channel / QPSK



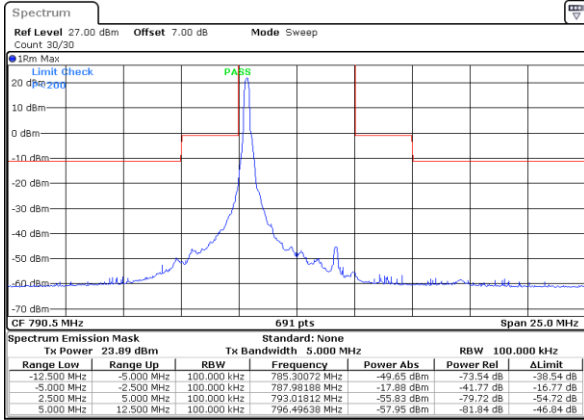
Date: 20.AUG.2026 12:12:47



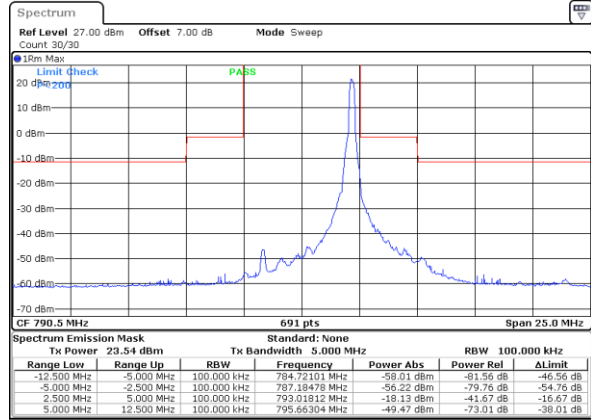
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

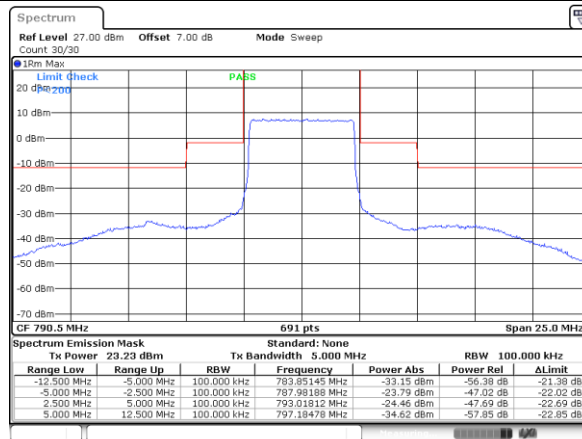


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Lowest Channel / Full RB



Date: 20.AUG.2026 11:54:56