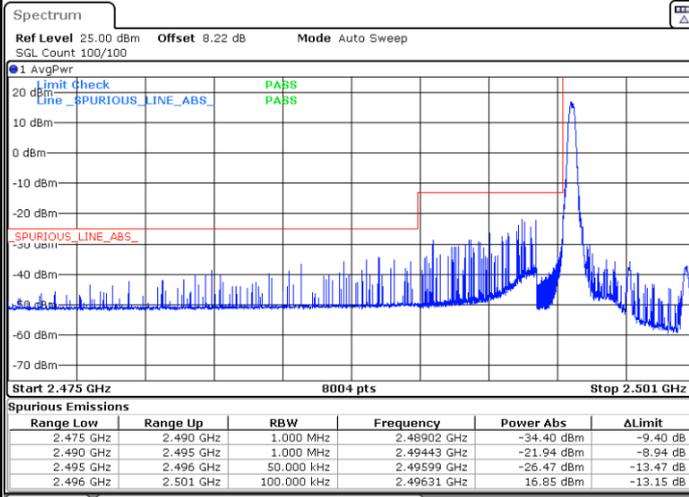




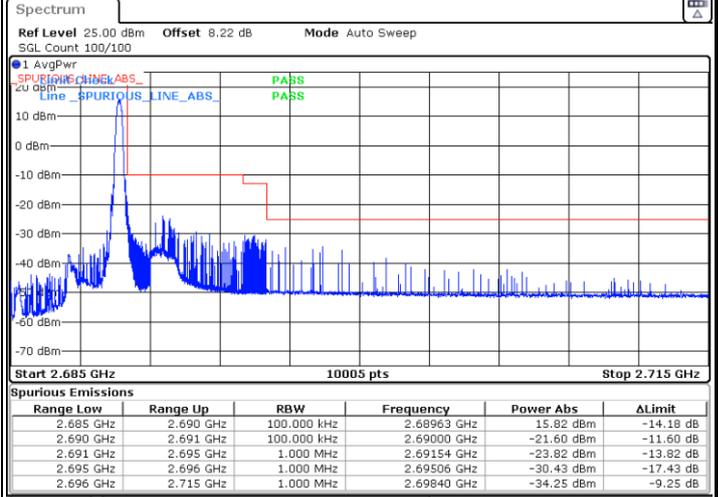
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



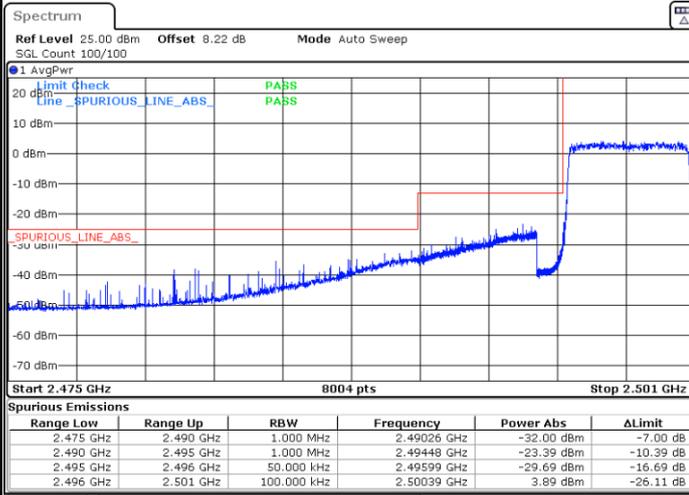
Date: 23.OCT.2024 17:36:30

Highest Band Edge / 1 RB



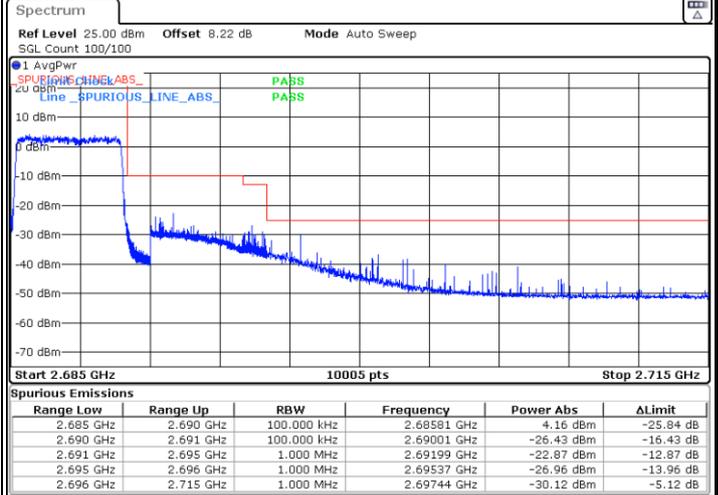
Date: 23.OCT.2024 18:26:38

Lowest Band Edge / Full RB



Date: 23.OCT.2024 17:35:49

Highest Band Edge / Full RB

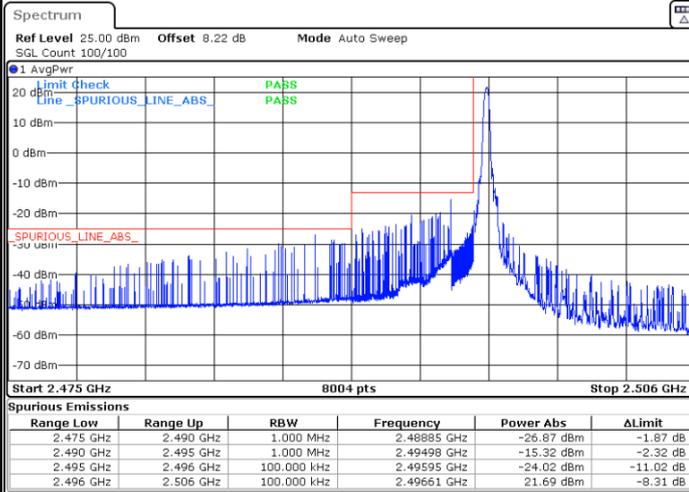


Date: 23.OCT.2024 18:28:02



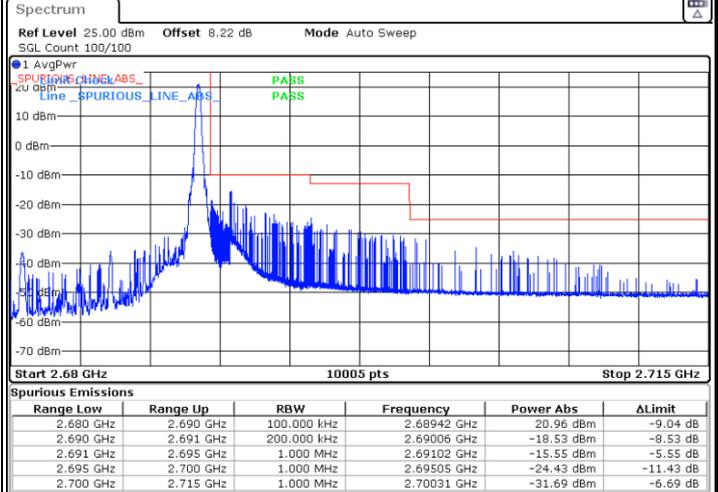
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



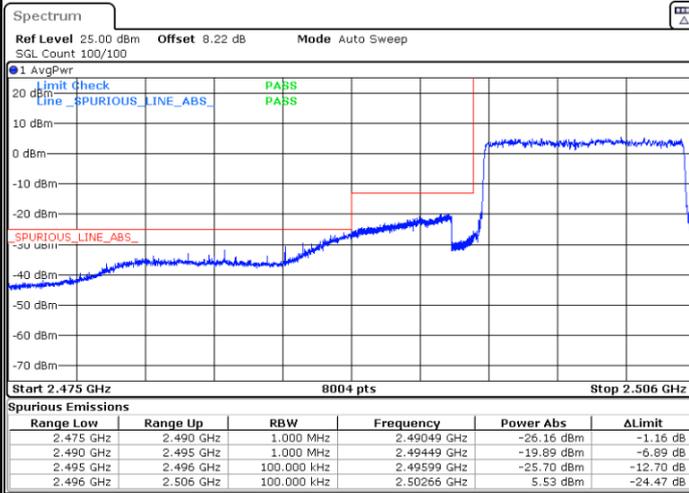
Date: 23.OCT.2024 18:43:17

Highest Band Edge / 1 RB



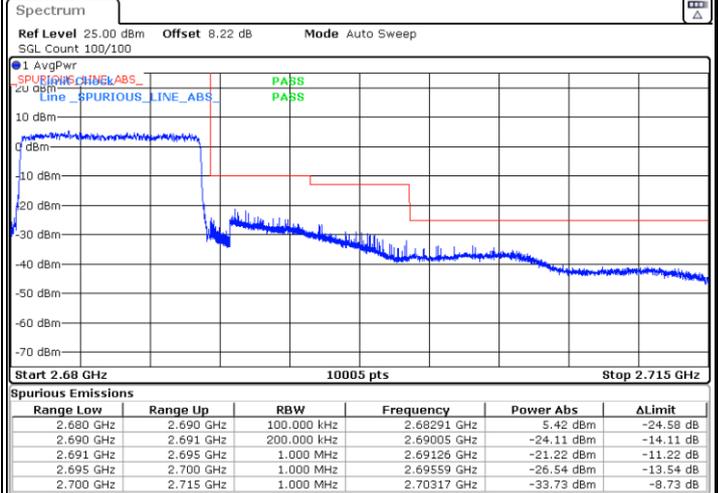
Date: 23.OCT.2024 18:53:54

Lowest Band Edge / Full RB



Date: 23.OCT.2024 18:47:54

Highest Band Edge / Full RB

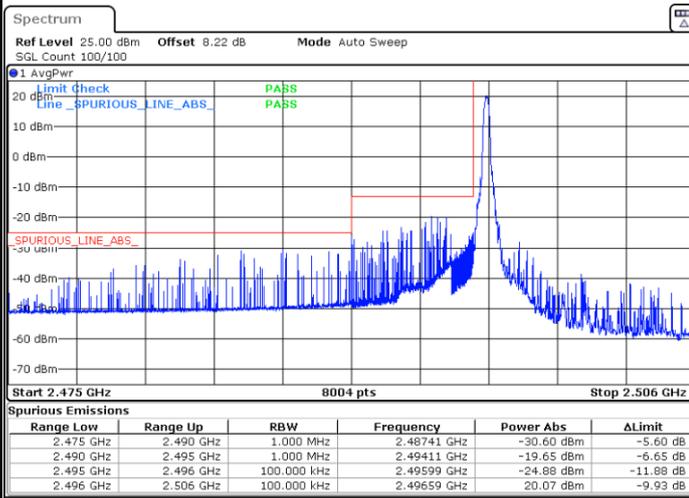


Date: 23.OCT.2024 18:48:57



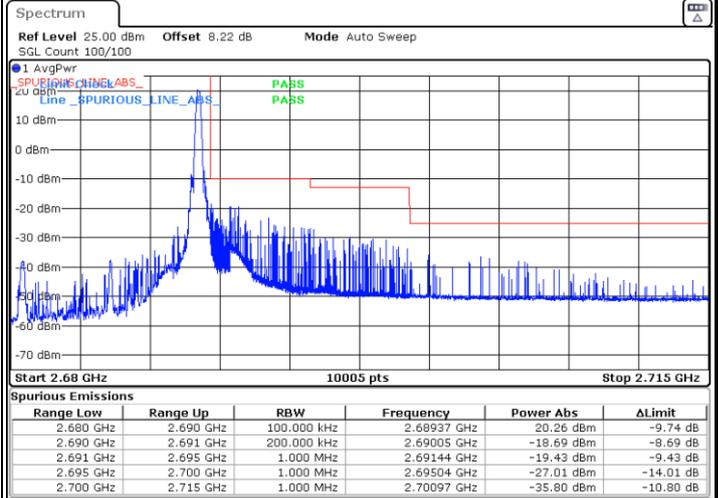
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



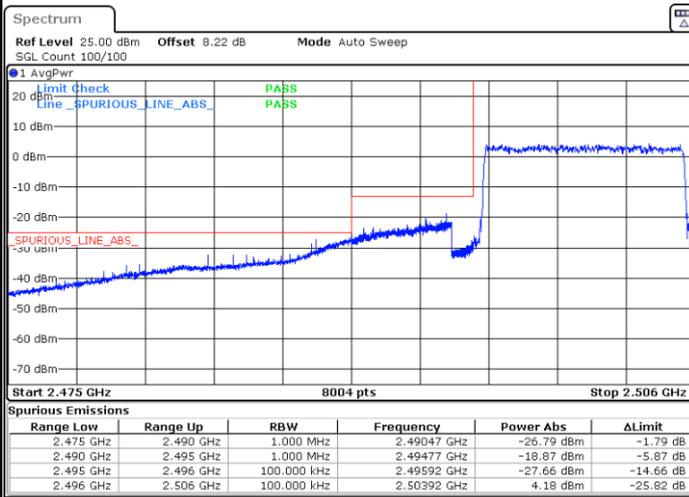
Date: 23.OCT.2024 18:44:00

Highest Band Edge / 1 RB



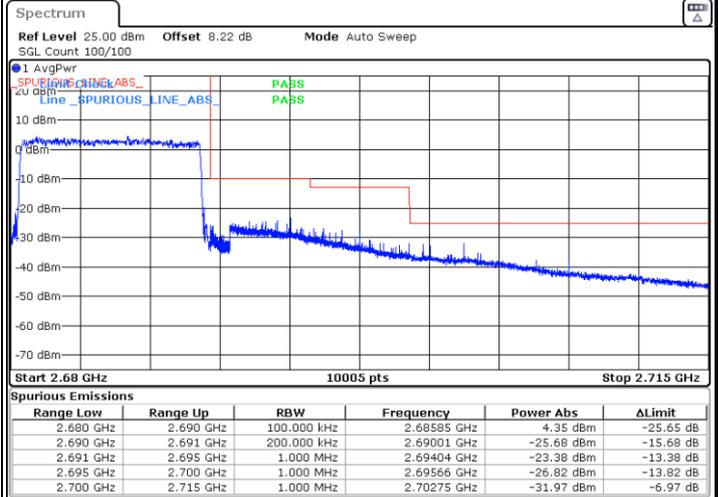
Date: 23.OCT.2024 18:53:24

Lowest Band Edge / Full RB



Date: 23.OCT.2024 18:47:22

Highest Band Edge / Full RB

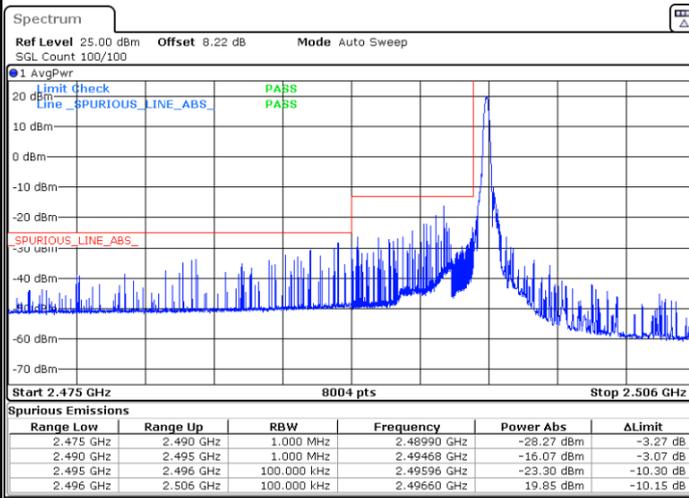


Date: 23.OCT.2024 18:49:29



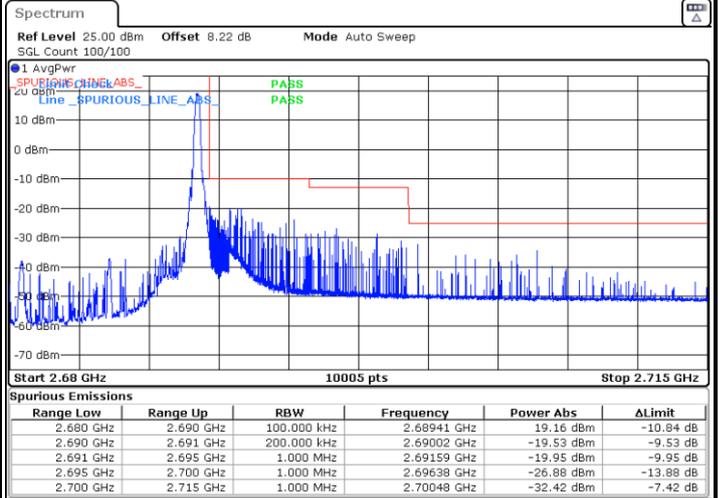
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



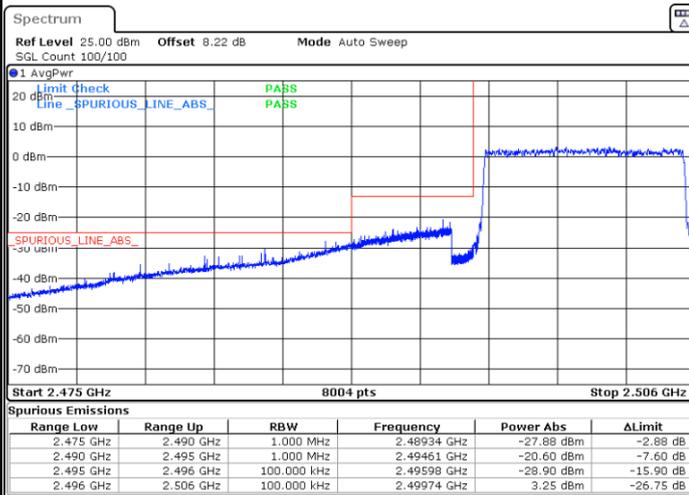
Date: 23.OCT.2024 18:44:34

Highest Band Edge / 1 RB



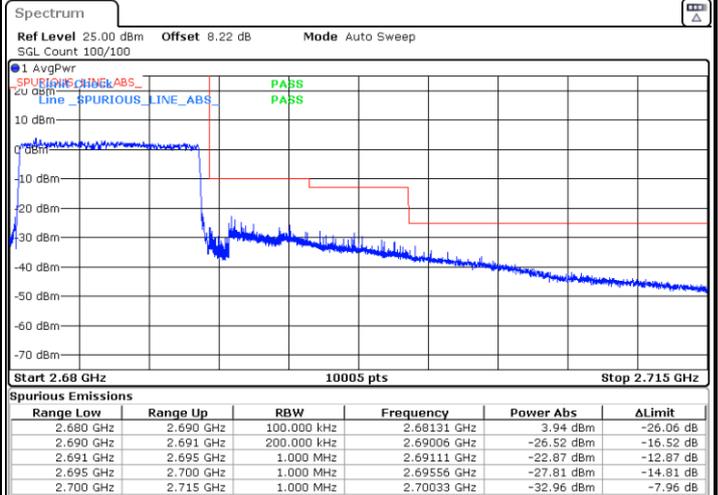
Date: 23.OCT.2024 18:52:54

Lowest Band Edge / Full RB



Date: 23.OCT.2024 18:46:31

Highest Band Edge / Full RB



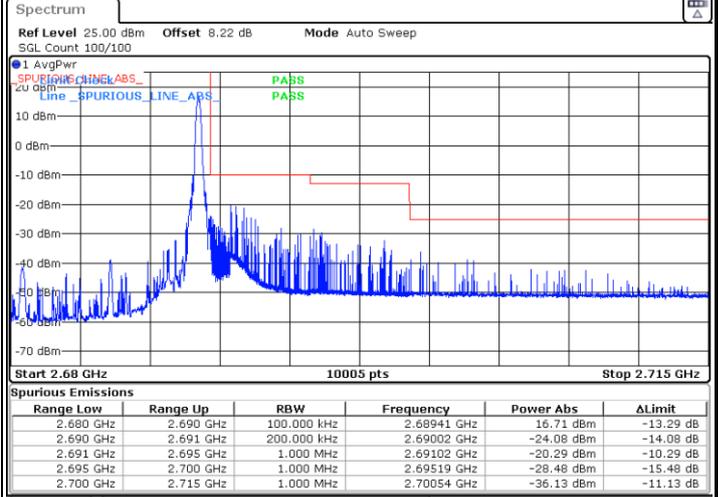
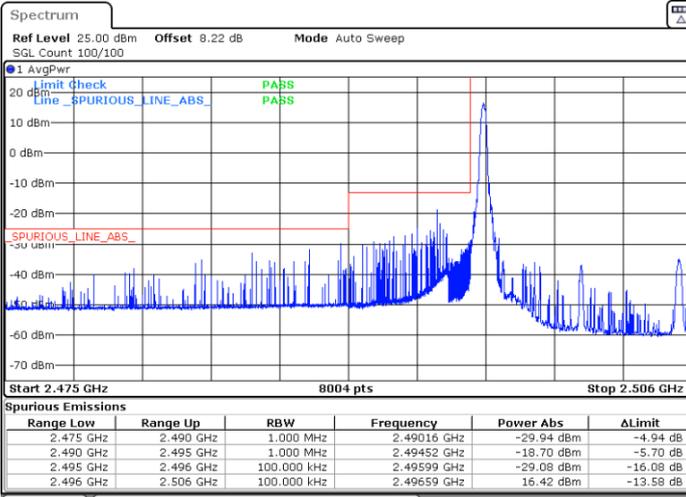
Date: 23.OCT.2024 18:50:51



LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

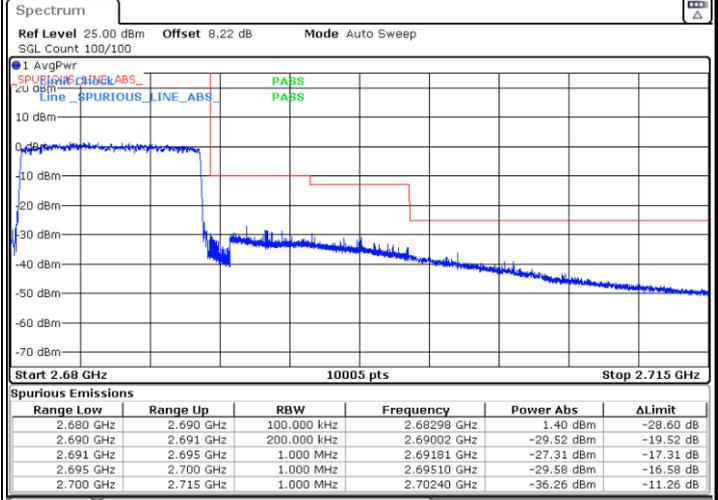
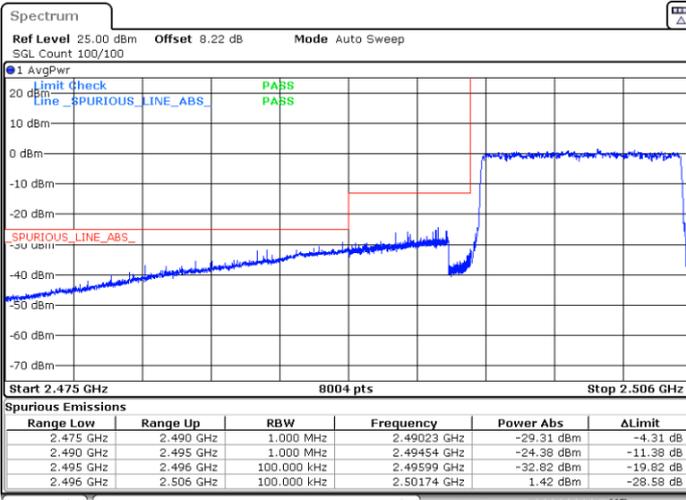


Date: 23.OCT.2024 18:45:14

Date: 23.OCT.2024 18:52:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



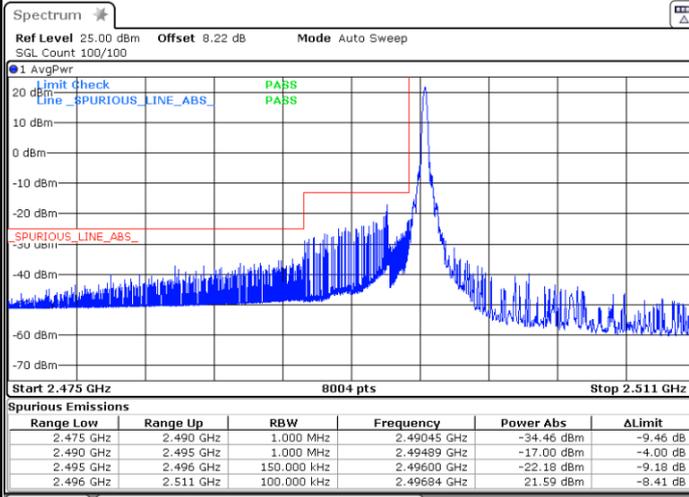
Date: 23.OCT.2024 18:45:47

Date: 23.OCT.2024 18:51:37



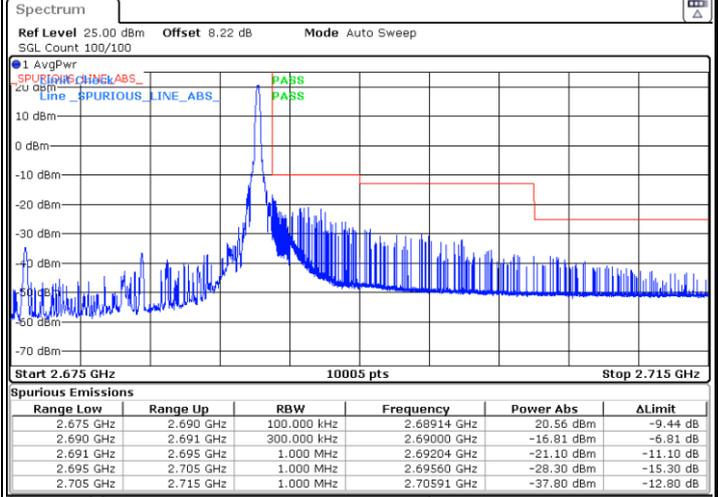
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



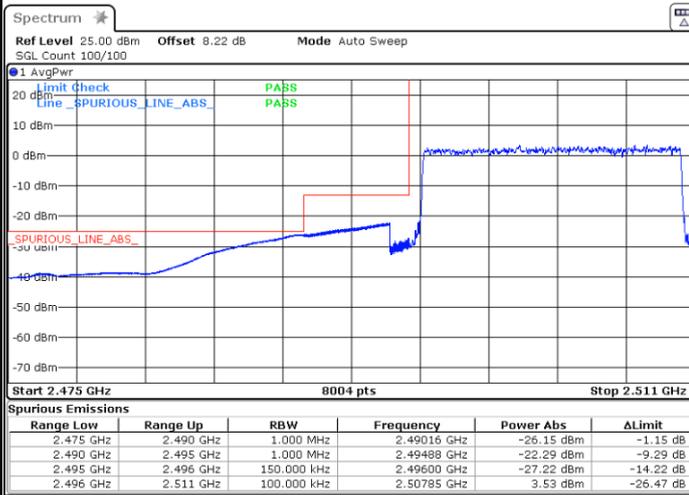
Date: 23.OCT.2024 19:03:50

Highest Band Edge / 1 RB



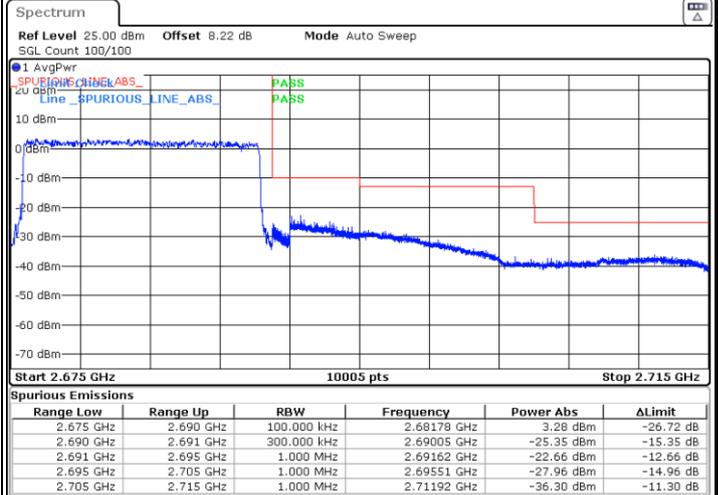
Date: 23.OCT.2024 19:19:56

Lowest Band Edge / Full RB



Date: 23.OCT.2024 19:13:02

Highest Band Edge / Full RB

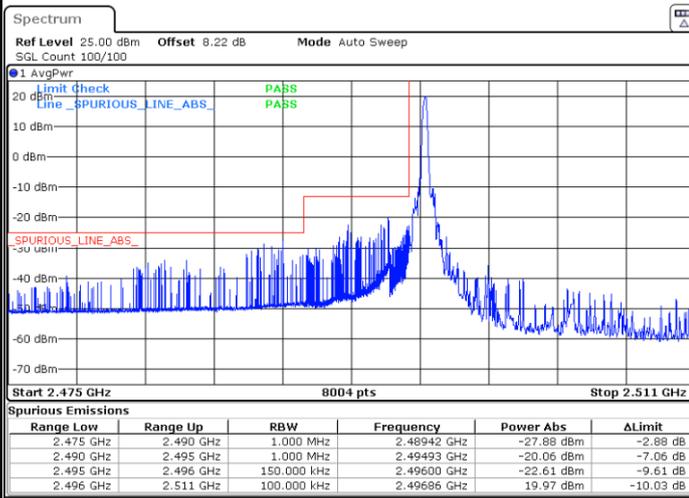


Date: 23.OCT.2024 19:14:47



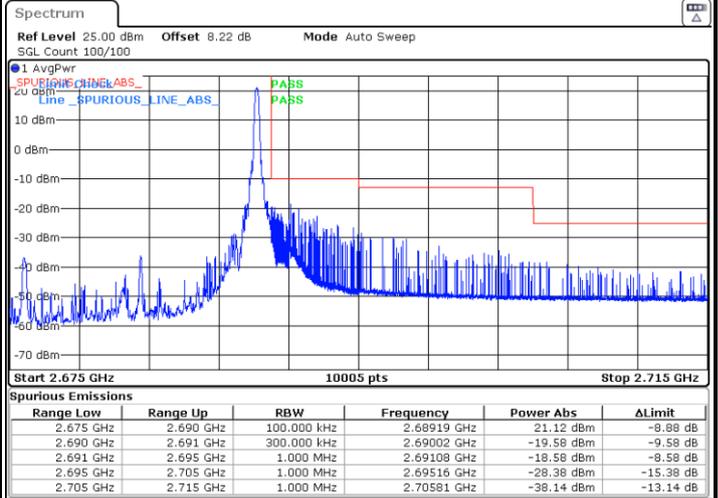
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



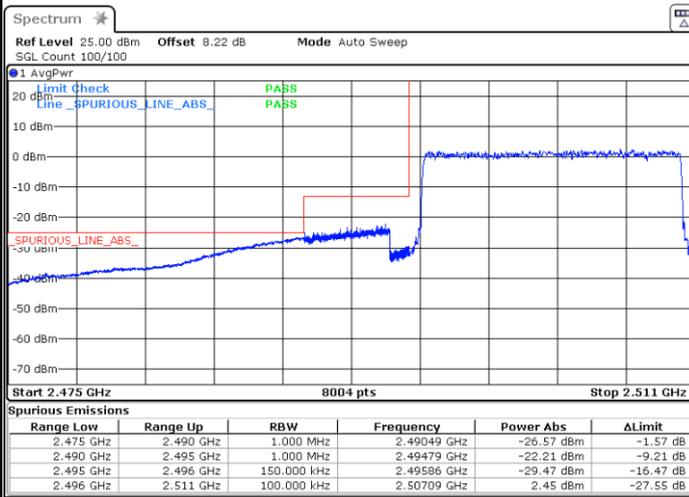
Date: 23.OCT.2024 19:04:18

Highest Band Edge / 1 RB



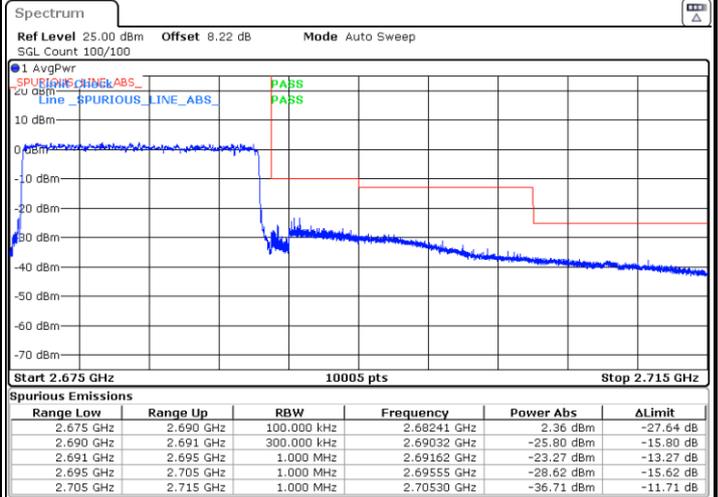
Date: 23.OCT.2024 19:19:20

Lowest Band Edge / Full RB



Date: 23.OCT.2024 19:08:24

Highest Band Edge / Full RB

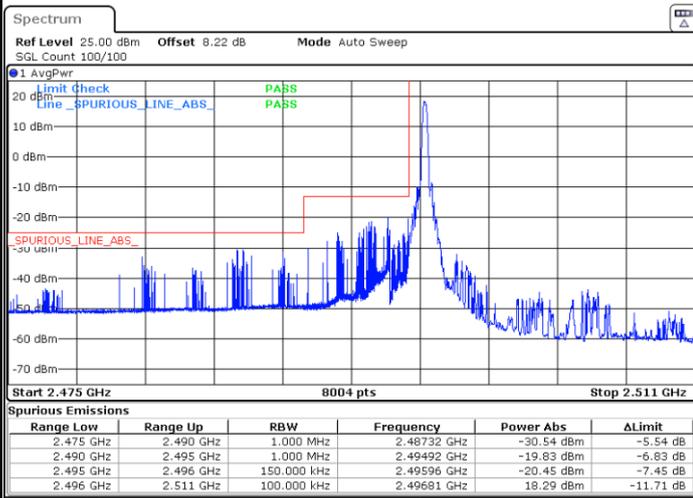


Date: 23.OCT.2024 19:15:41



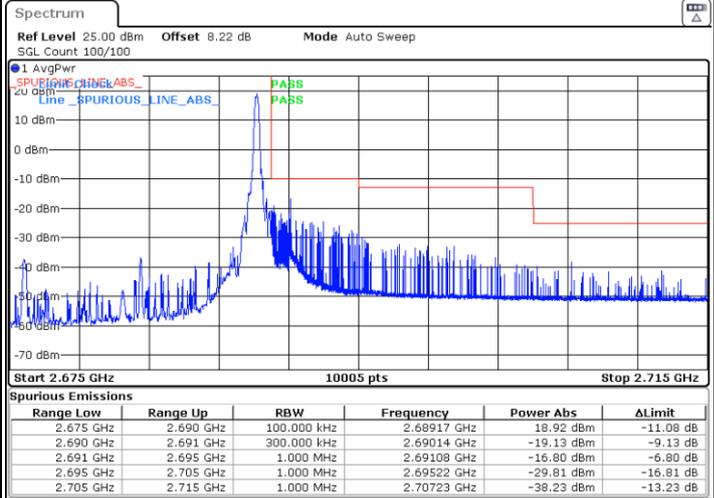
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



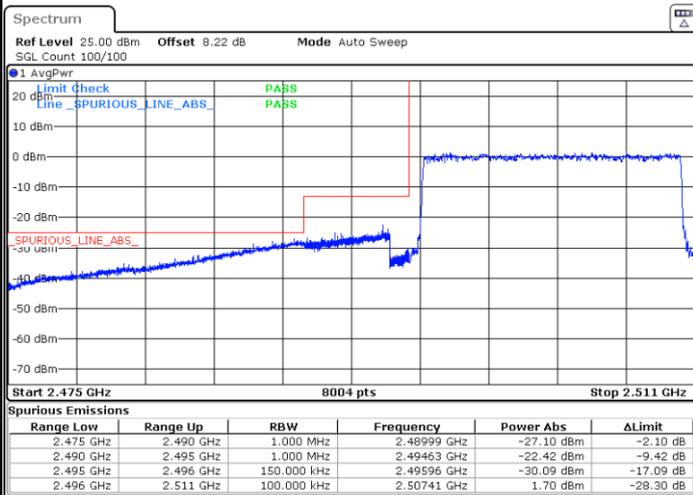
Date: 23.OCT.2024 19:04:54

Highest Band Edge / 1 RB



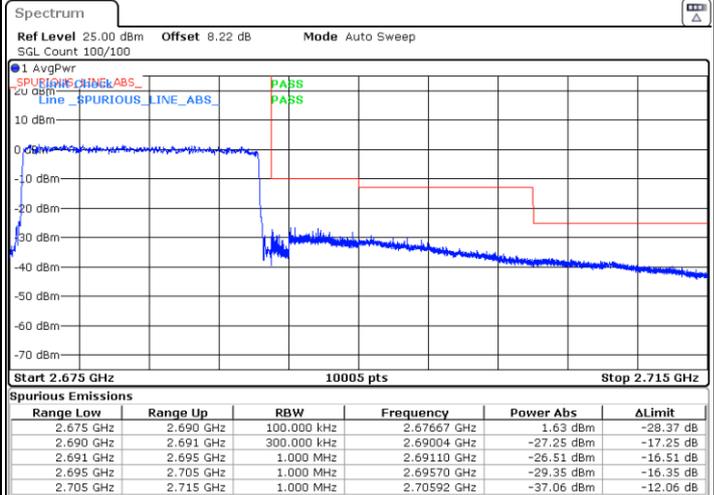
Date: 23.OCT.2024 19:18:49

Lowest Band Edge / Full RB



Date: 23.OCT.2024 19:06:58

Highest Band Edge / Full RB

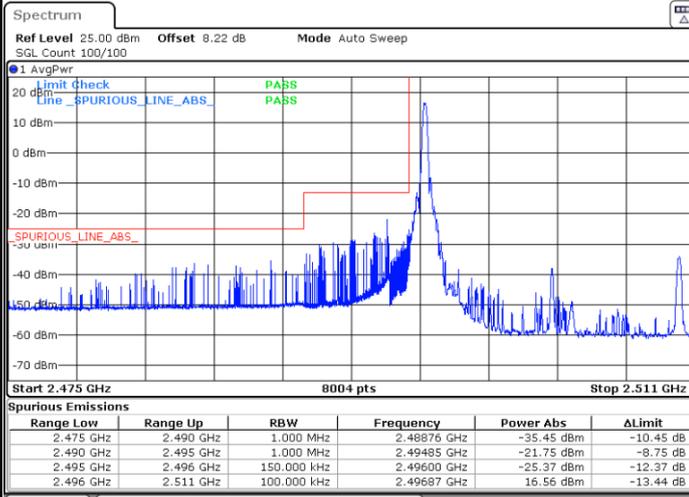


Date: 23.OCT.2024 19:16:19



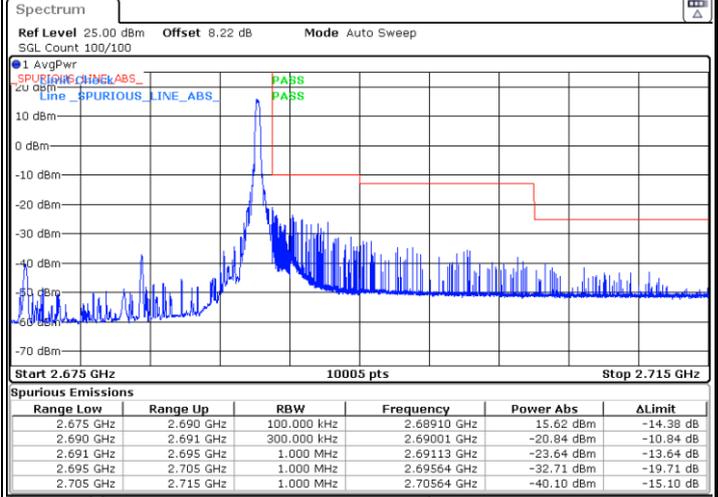
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



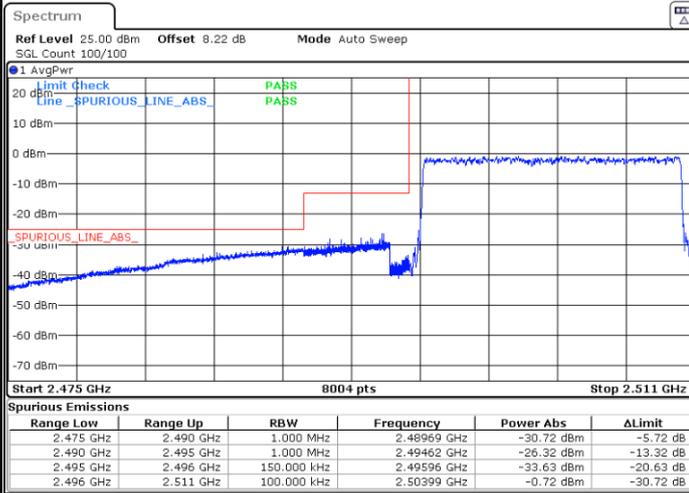
Date: 23.OCT.2024 19:05:21

Highest Band Edge / 1 RB



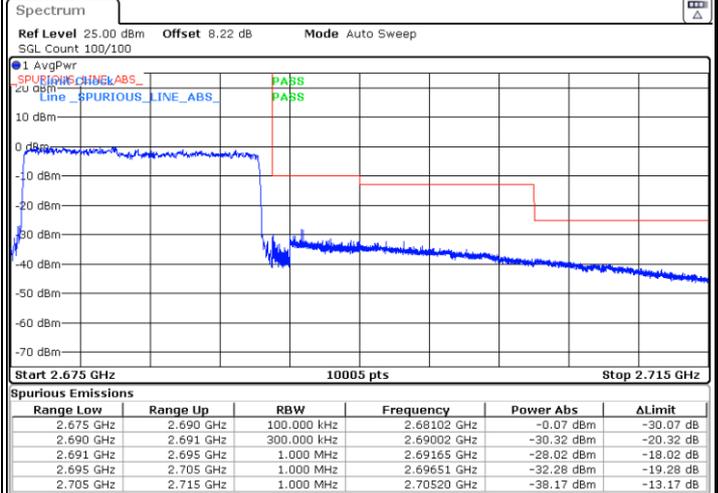
Date: 23.OCT.2024 19:18:25

Lowest Band Edge / Full RB



Date: 23.OCT.2024 19:06:06

Highest Band Edge / Full RB

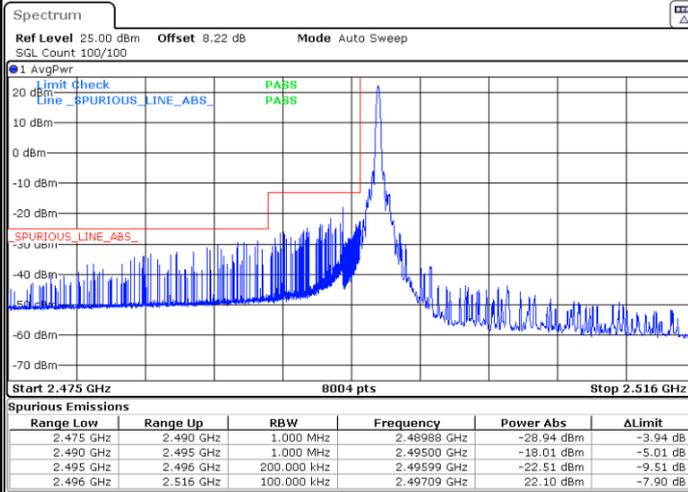


Date: 23.OCT.2024 19:16:53



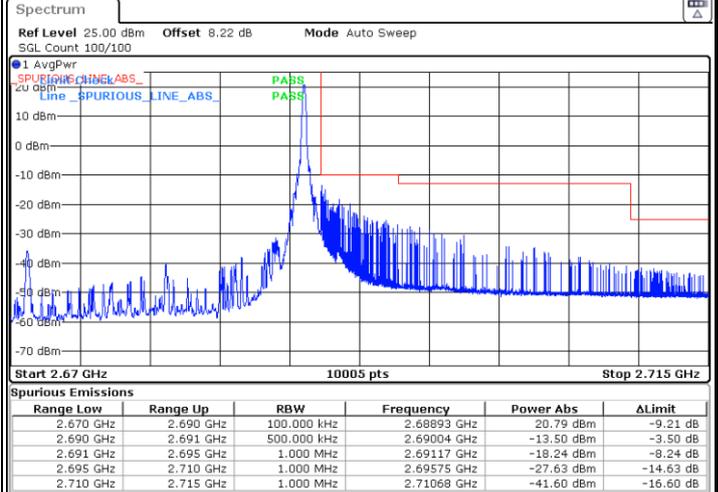
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



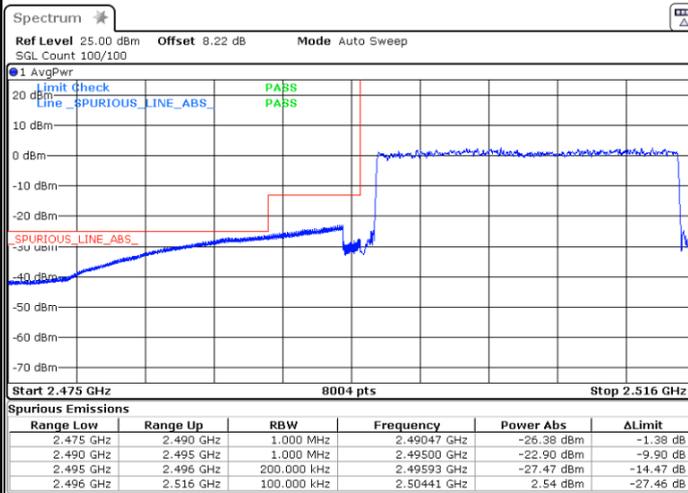
Date: 23.OCT.2024 20:02:42

Highest Band Edge / 1 RB



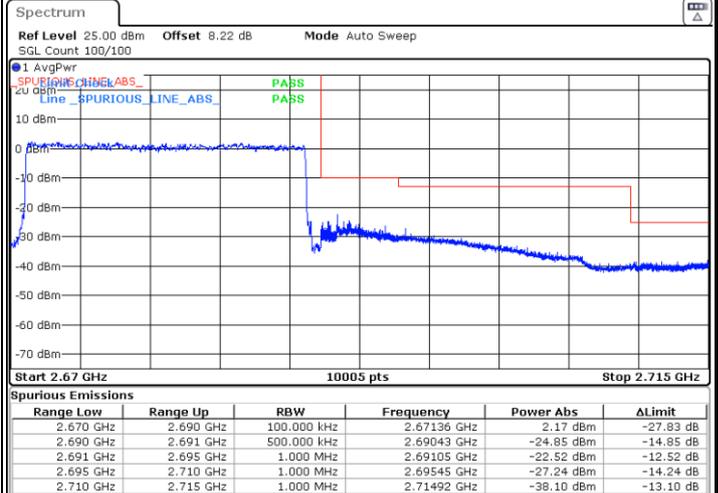
Date: 23.OCT.2024 20:15:43

Lowest Band Edge / Full RB



Date: 23.OCT.2024 20:23:45

Highest Band Edge / Full RB

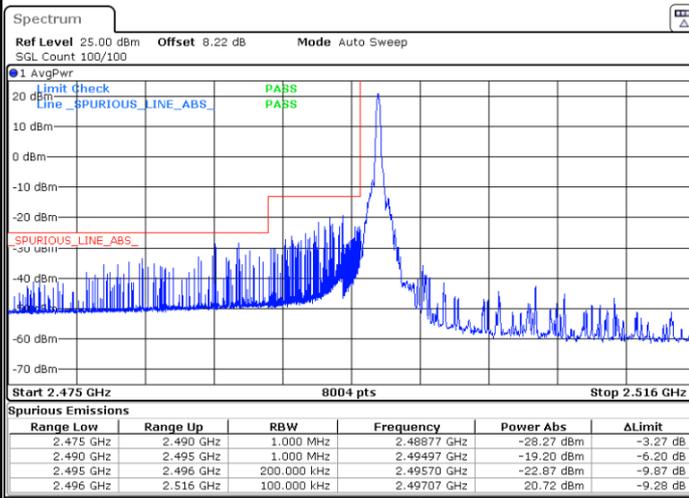


Date: 23.OCT.2024 20:08:58



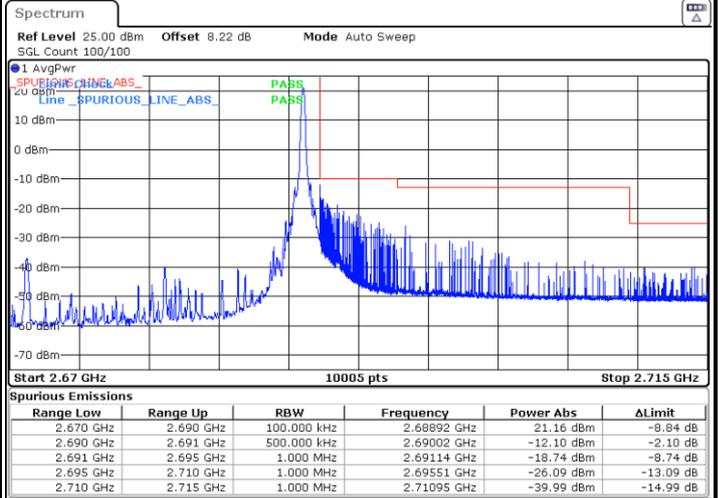
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



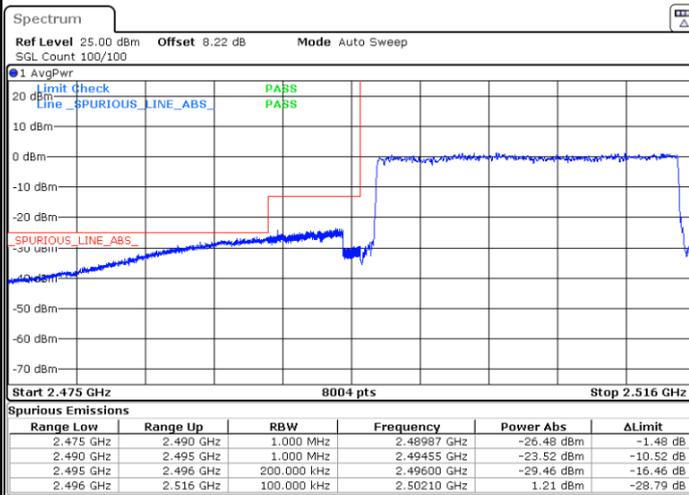
Date: 23.OCT.2024 20:03:09

Highest Band Edge / 1 RB



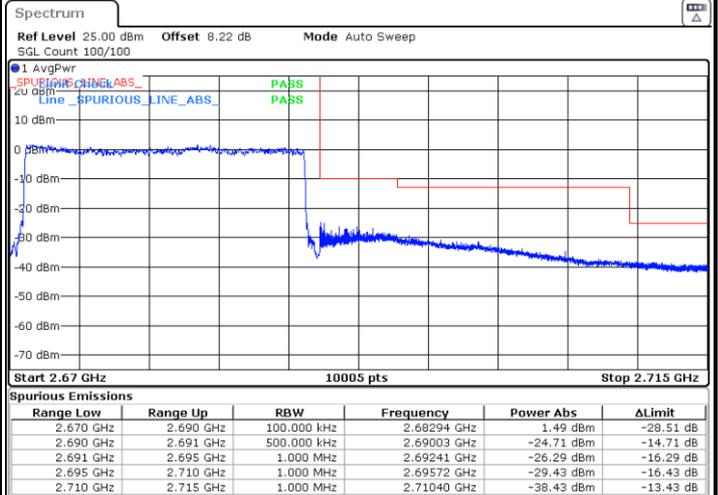
Date: 23.OCT.2024 20:14:59

Lowest Band Edge / Full RB



Date: 23.OCT.2024 20:07:34

Highest Band Edge / Full RB

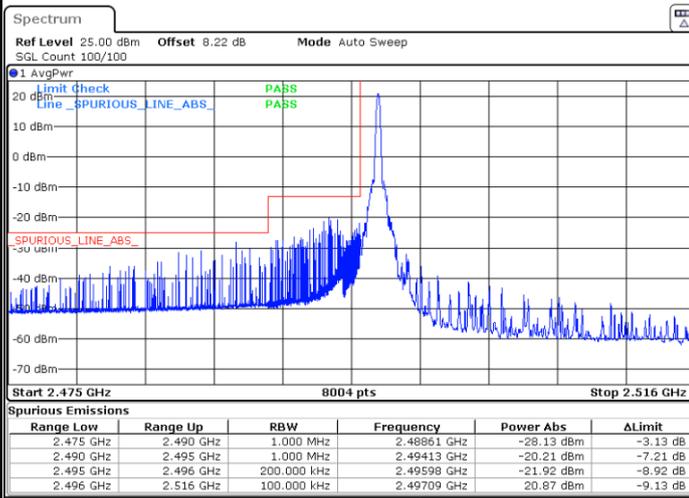


Date: 23.OCT.2024 20:09:27



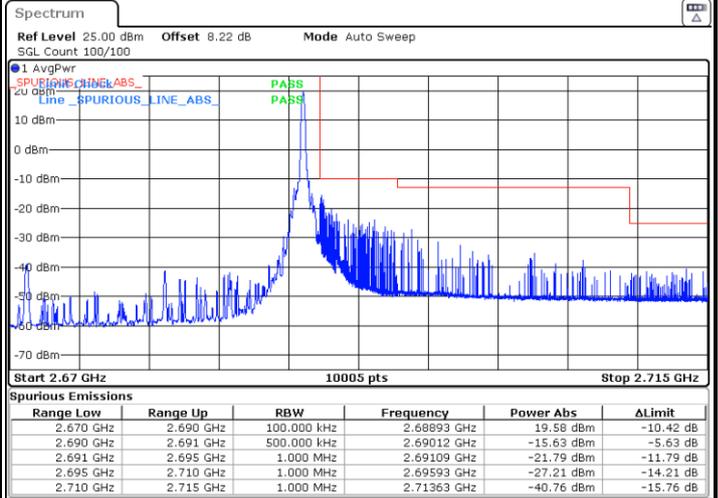
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



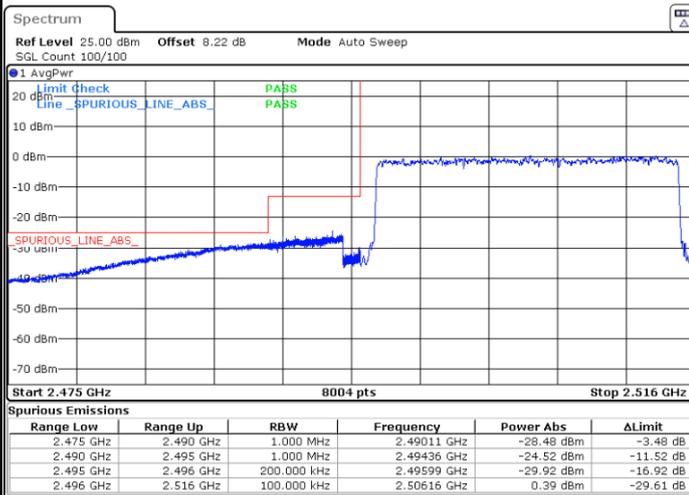
Date: 23.OCT.2024 20:03:57

Highest Band Edge / 1 RB



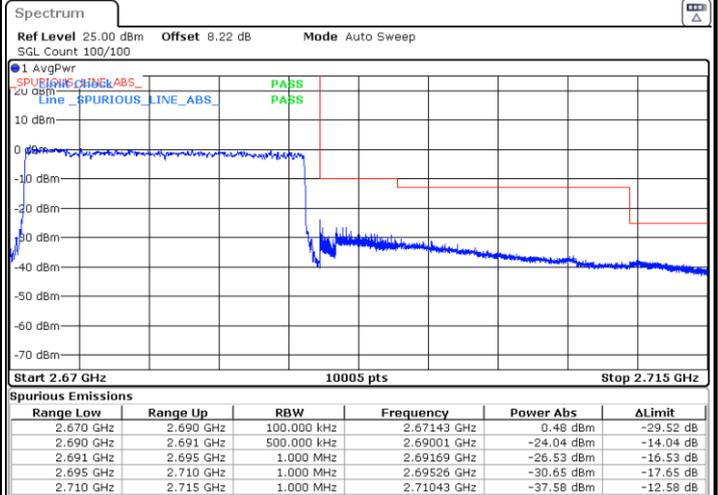
Date: 23.OCT.2024 20:14:24

Lowest Band Edge / Full RB



Date: 23.OCT.2024 20:06:39

Highest Band Edge / Full RB

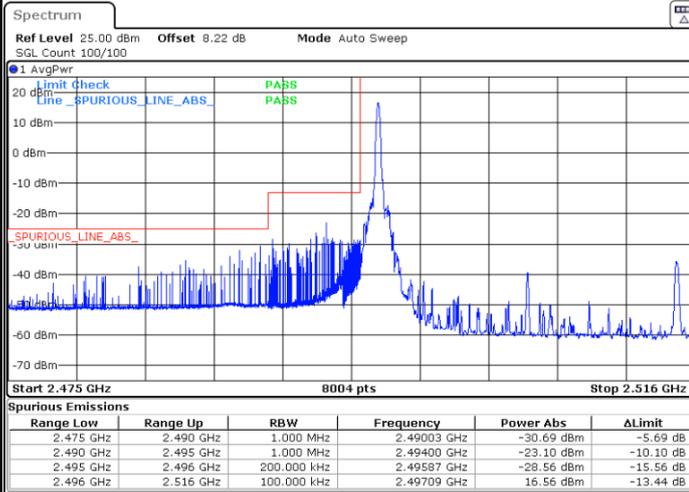


Date: 23.OCT.2024 20:11:08



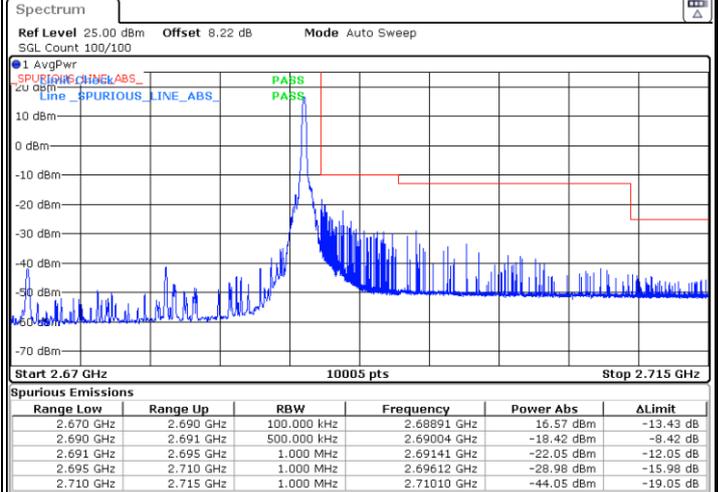
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



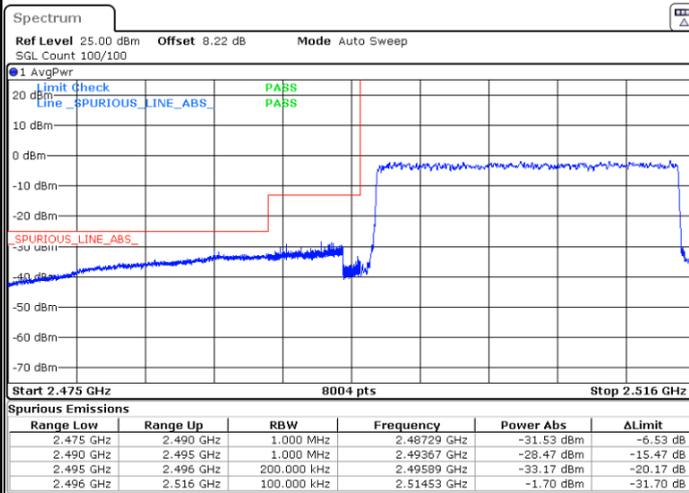
Date: 23.OCT.2024 20:05:05

Highest Band Edge / 1 RB



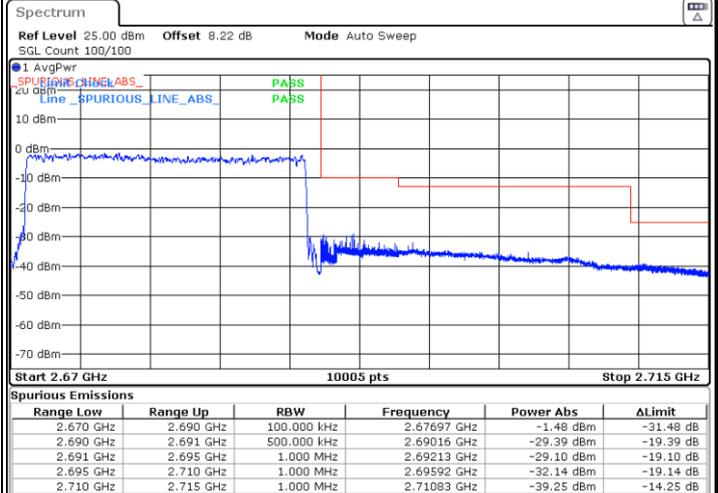
Date: 23.OCT.2024 20:13:02

Lowest Band Edge / Full RB



Date: 23.OCT.2024 20:06:00

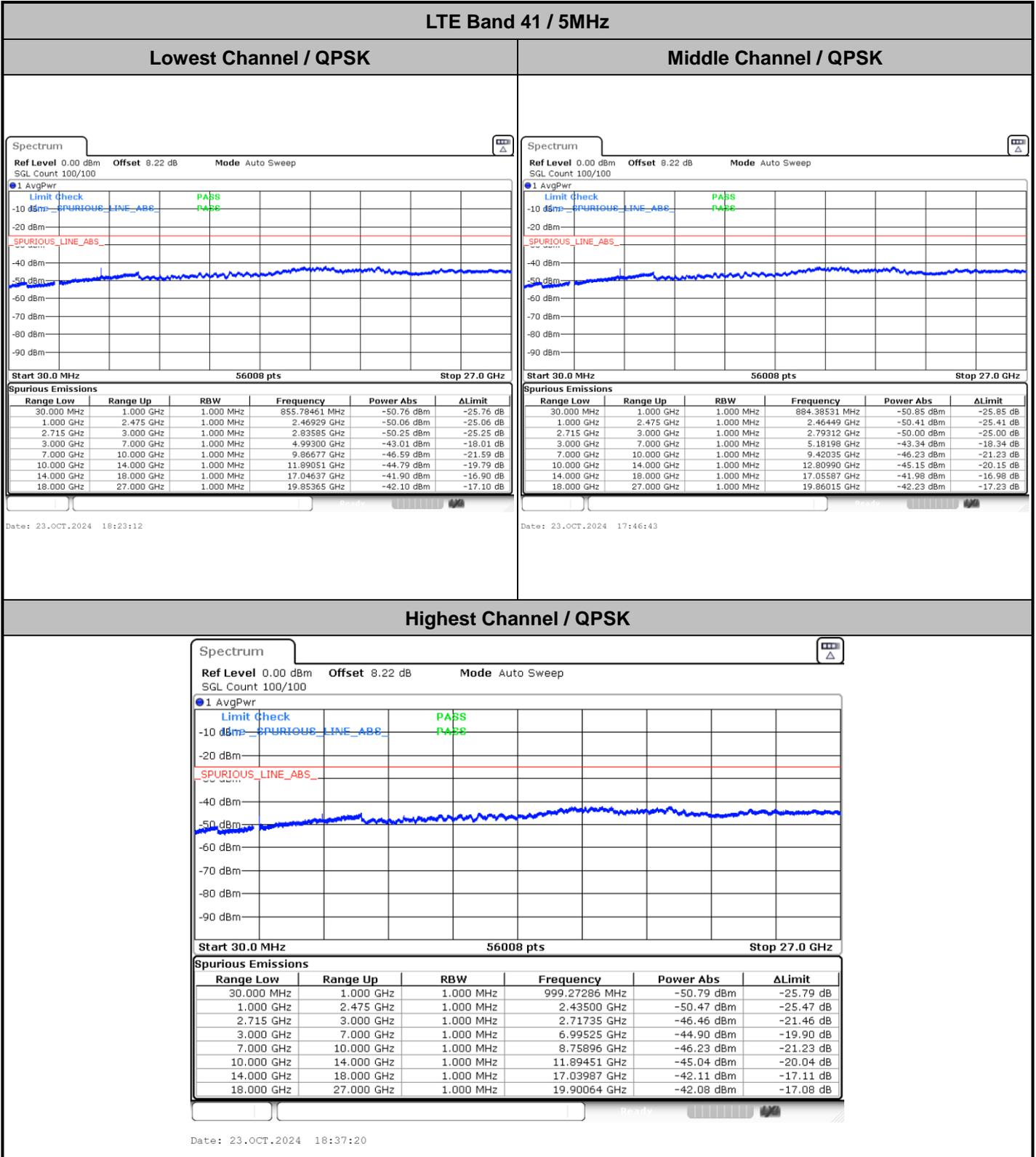
Highest Band Edge / Full RB



Date: 23.OCT.2024 20:12:23



Conducted Spurious Emission

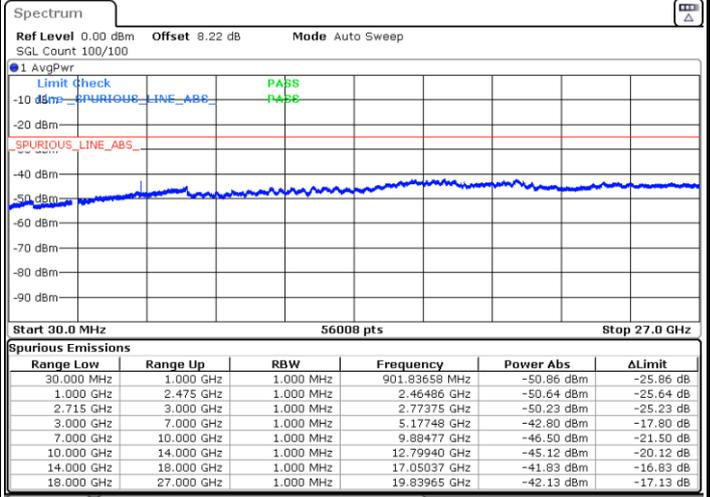
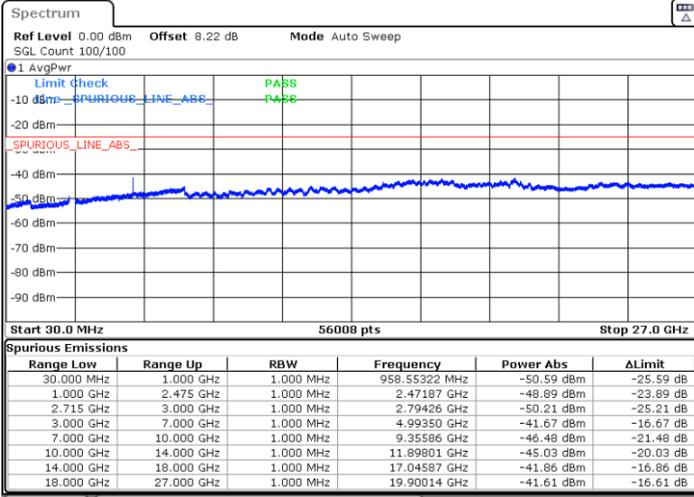




LTE Band 41 / 10MHz

Lowest Channel / QPSK

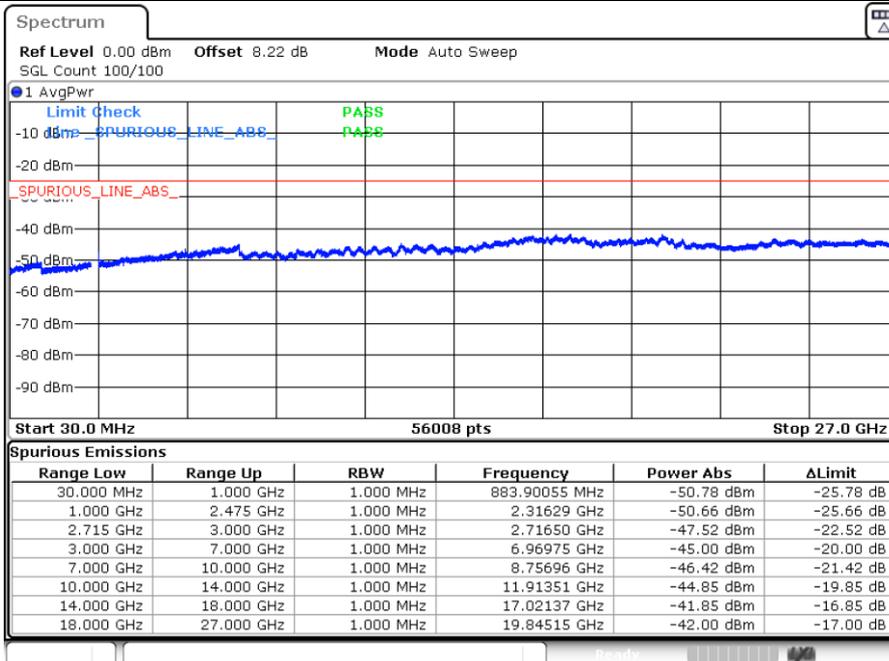
Middle Channel / QPSK



Date: 23.OCT.2024 18:56:32

Date: 23.OCT.2024 18:42:09

Highest Channel / QPSK



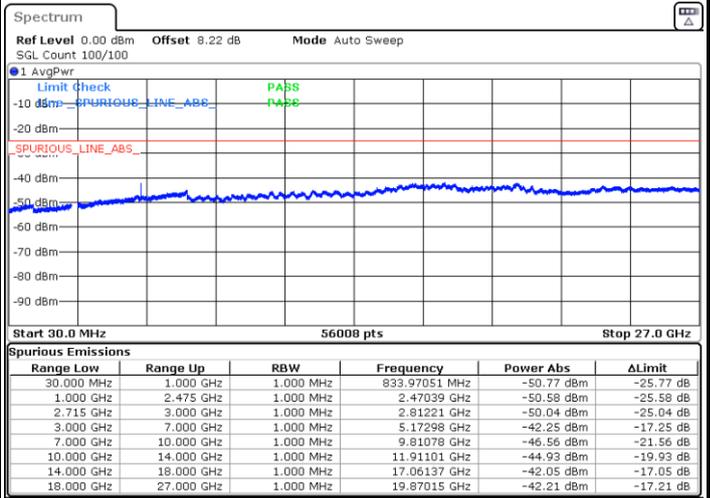
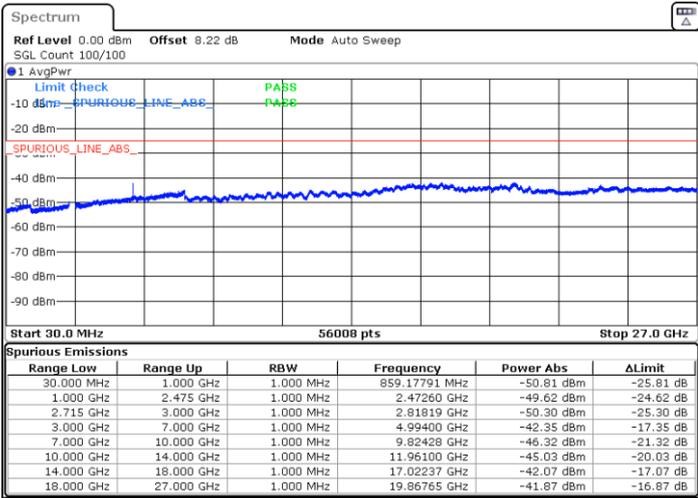
Date: 23.OCT.2024 18:55:00



LTE Band 41 / 15MHz

Lowest Channel / QPSK

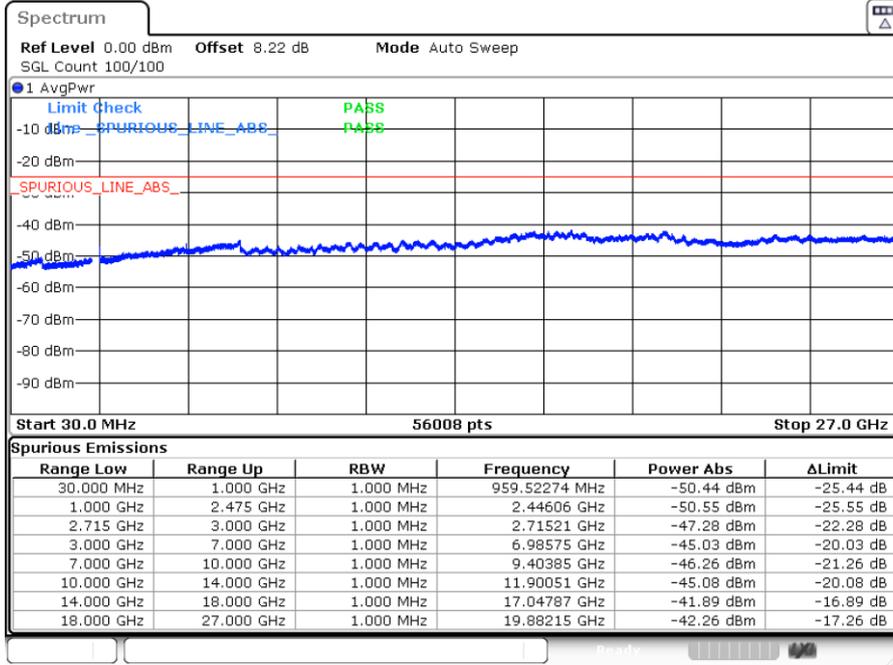
Middle Channel / QPSK



Date: 23.OCT.2024 19:02:58

Date: 23.OCT.2024 19:01:29

Highest Channel / QPSK



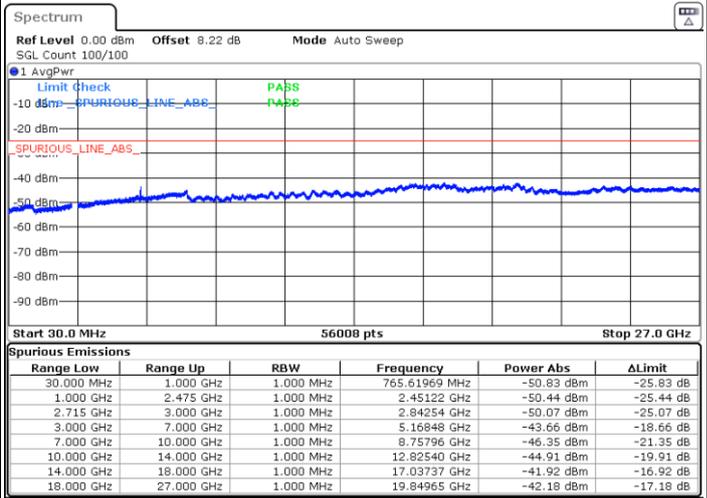
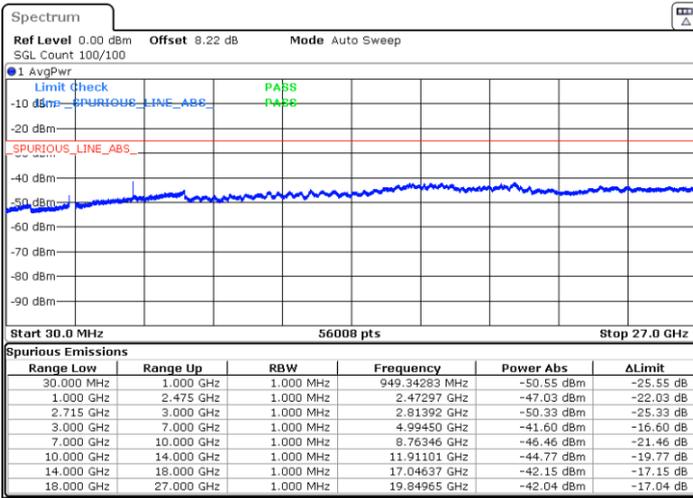
Date: 23.OCT.2024 19:21:39



LTE Band 41 / 20MHz

Lowest Channel / QPSK

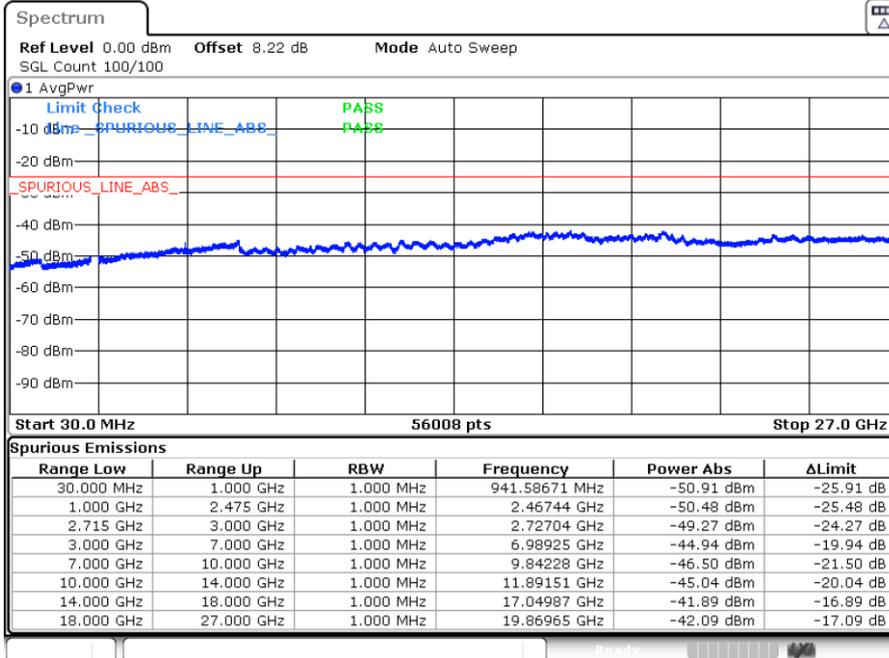
Middle Channel / QPSK



Date: 23.OCT.2024 20:02:21

Date: 23.OCT.2024 19:52:13

Highest Channel / QPSK



Date: 23.OCT.2024 20:16:57



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0034	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.77 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 7 / 20MHz / QPSK / ANT 3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-63.82	-25	-38.82	-74.03	3.03	13.24	H
	7578.27	-46.38	-25	-21.38	-55.83	3.56	13.01	H
	10104.36	-61.69	-25	-36.69	-71.21	3.92	13.44	H
	5050	-63.57	-25	-38.57	-73.78	3.03	13.24	V
	7578.27	-42.67	-25	-17.67	-52.12	3.56	13.01	V
	10104.36	-61.89	-25	-36.89	-71.41	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 20MHz / QPSK / ANT 3---Other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-62.33	-25	-37.33	-72.54	3.03	13.24	H
	7584	-48.77	-25	-23.77	-58.22	3.56	13.01	H
	10104	-56.87	-25	-31.87	-66.39	3.92	13.44	H
	5050	-62.42	-25	-37.42	-72.63	3.03	13.24	V
	7584	-50.45	-25	-25.45	-59.90	3.56	13.01	V
	10104	-55.01	-25	-30.01	-64.53	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41 / 20MHz / QPSK/ ANT 3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-63.19	-25	-38.19	-73.40	3.03	13.24	H
	7752.27	-60.88	-25	-35.88	-70.33	3.56	13.01	H
	10336.36	-60.29	-25	-35.29	-69.81	3.92	13.44	H
	5162	-63.51	-25	-38.51	-73.72	3.03	13.24	V
	7752.27	-61.00	-25	-36.00	-70.45	3.56	13.01	V
	10663.36	-61.77	-25	-36.77	-71.29	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 41 / 20MHz / QPSK/ ANT 3---Other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-65.58	-25	-40.58	-75.79	3.03	13.24	H
	7752	-60.58	-25	-35.58	-70.03	3.56	13.01	H
	10342	-62.03	-25	-37.03	-71.55	3.92	13.44	H
	5162	-65.73	-25	-40.73	-75.94	3.03	13.24	V
	7752	-60.07	-25	-35.07	-69.52	3.56	13.01	V
	10342	-62.11	-25	-37.11	-71.63	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE CA_7C / 20MHz+20MHz / QPSK/ ANT 3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
PCC 1RB0:								
Middle	5032.38	-61.81	-25	-36.81	-72.02	3.03	13.24	H
	7548.57	-55.03	-25	-30.03	-64.48	3.56	13.01	H
	10064.76	-62.25	-25	-37.25	-71.77	3.92	13.44	H
	5036	-61.58	-25	-36.58	-71.79	3.03	13.24	V
	7548.57	-59.07	-25	-34.07	-68.52	3.56	13.01	V
	10064.76	-61.84	-25	-36.84	-71.36	3.92	13.44	V
SCC 1RBMAX:								
Middle	5071.98	-62.64	-25	-37.64	-72.85	3.03	13.24	H
	7607.97	-61.12	-25	-36.12	-70.57	3.56	13.01	H
	10146	-61.51	-25	-36.51	-71.03	3.92	13.44	H
	5078	-62.25	-25	-37.25	-72.46	3.03	13.24	V
	7607.97	-61.86	-25	-36.86	-71.31	3.56	13.01	V
	10143.96	-61.32	-25	-36.32	-70.84	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE CA_38C / 20MHz+20MHz / QPSK/ ANT 3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
PCC 1RB0:								
Middle	5152.38	-62.58	-25	-37.58	-72.79	3.03	13.24	H
	7728.57	-60.78	-25	-35.78	-70.23	3.56	13.01	H
	10300	-60.73	-25	-35.73	-70.25	3.92	13.44	H
	5148	-62.44	-25	-37.44	-72.65	3.03	13.24	V
	7728.57	-60.92	-25	-35.92	-70.37	3.56	13.01	V
	10304.76	-60.64	-25	-35.64	-70.16	3.92	13.44	V
SCC 1RBMAX:								
Middle	5190	-62.95	-25	-37.95	-73.16	3.03	13.24	H
	7787.97	-60.90	-25	-35.90	-70.35	3.56	13.01	H
	10383.96	-60.39	-25	-35.39	-69.91	3.92	13.44	H
	5191.98	-62.99	-25	-37.99	-73.20	3.03	13.24	V
	7787.97	-61.38	-25	-36.38	-70.83	3.56	13.01	V
	10384	-60.35	-25	-35.35	-69.87	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.