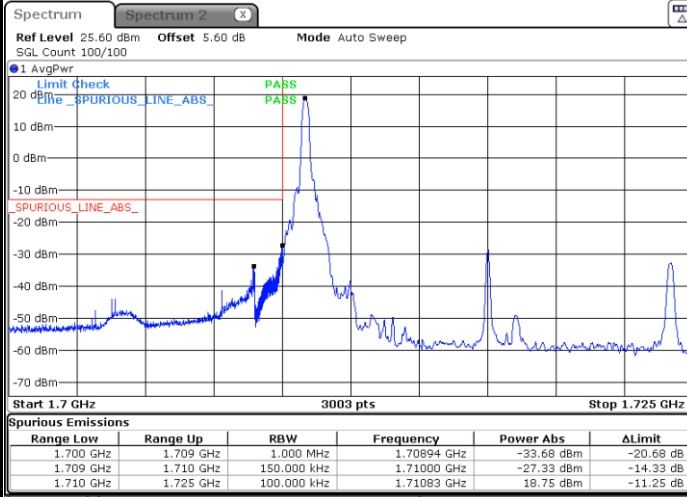




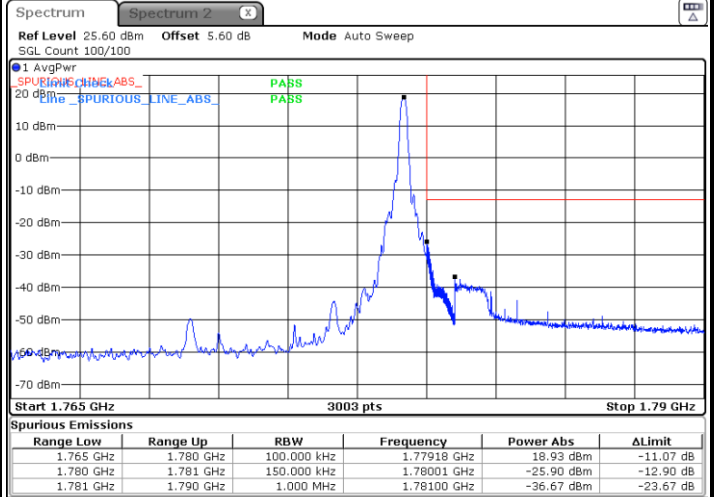
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



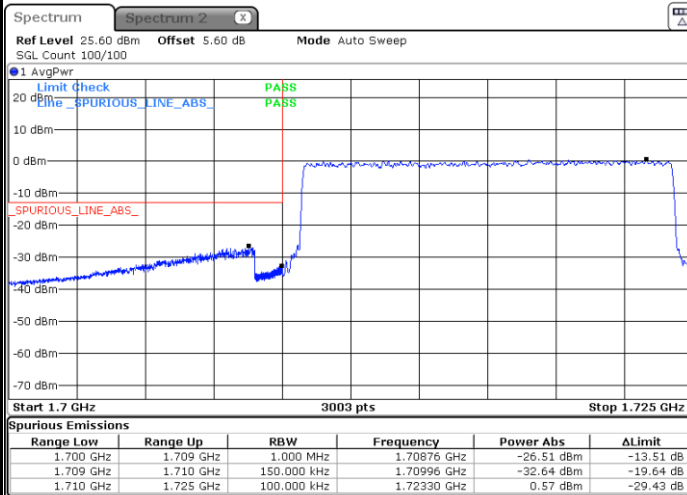
Date: 20.DEC.2024 13:50:36

Highest Band Edge / 1 RB



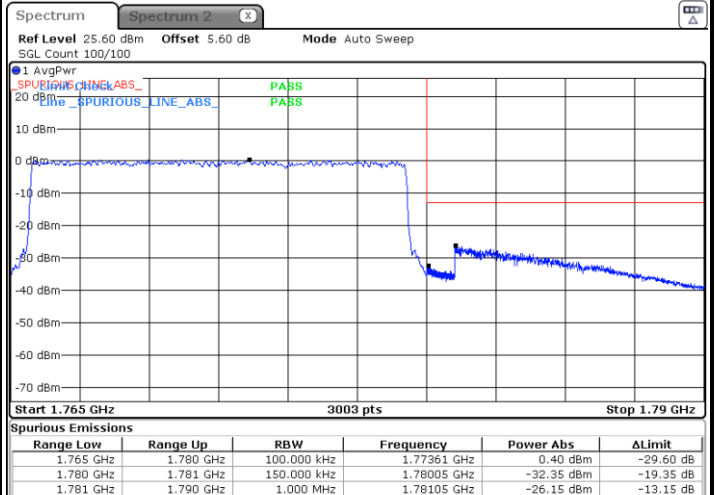
Date: 20.DEC.2024 14:01:59

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:53:37

Highest Band Edge / Full RB

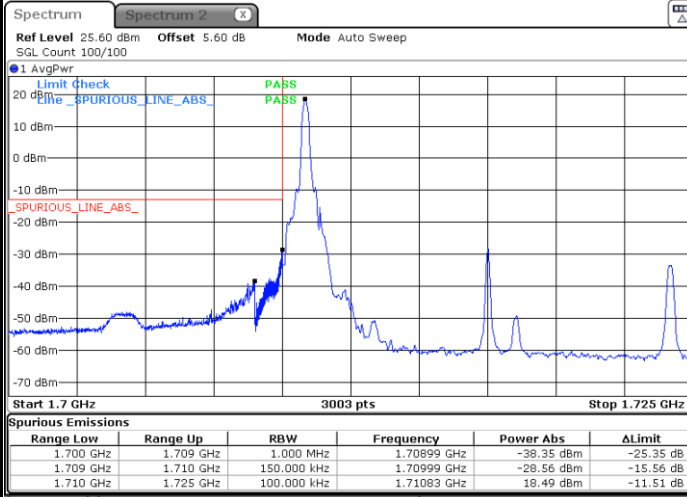


Date: 20.DEC.2024 14:04:39



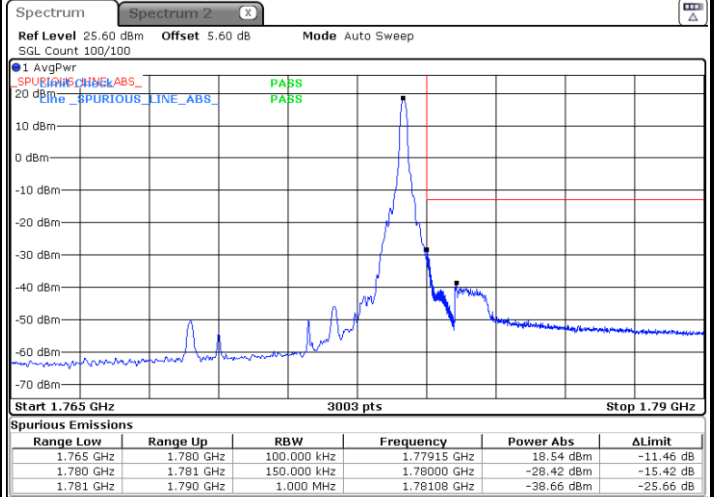
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



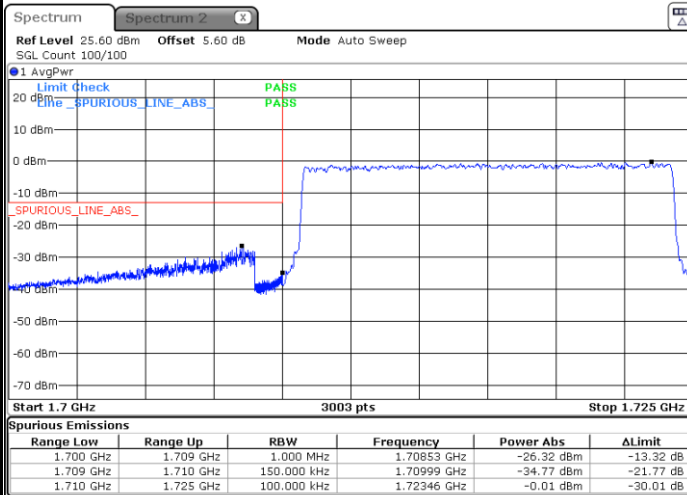
Date: 20.DEC.2024 13:51:22

Highest Band Edge / 1 RB



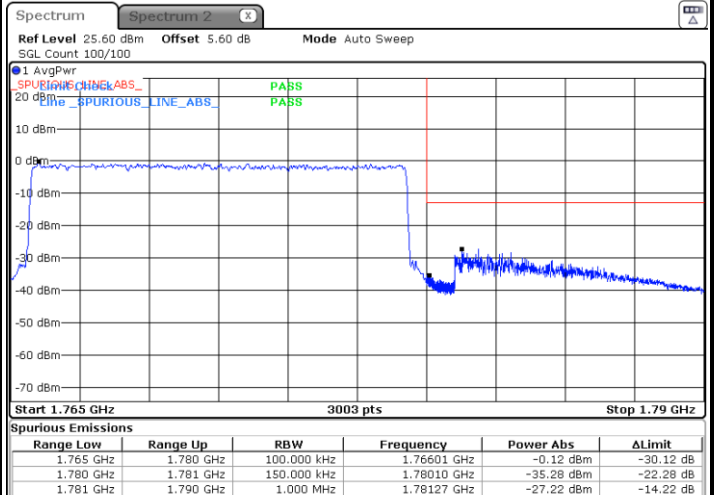
Date: 20.DEC.2024 14:02:39

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:54:21

Highest Band Edge / Full RB

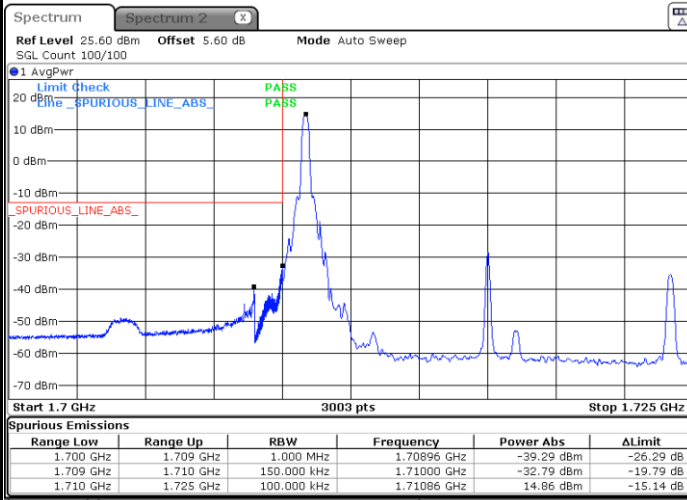


Date: 20.DEC.2024 14:05:19



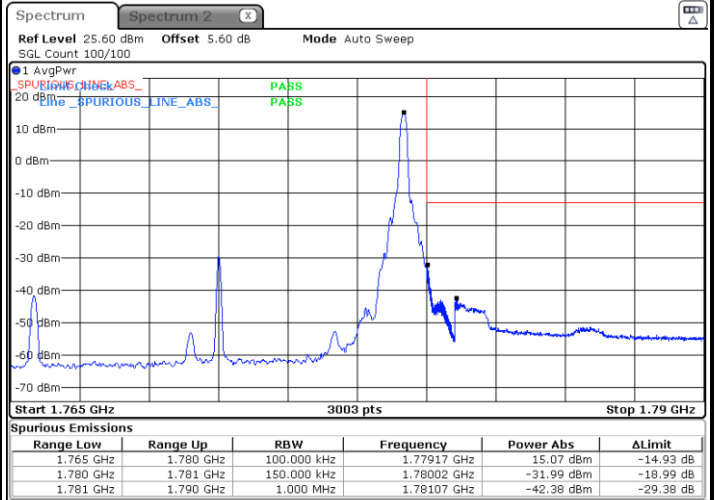
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



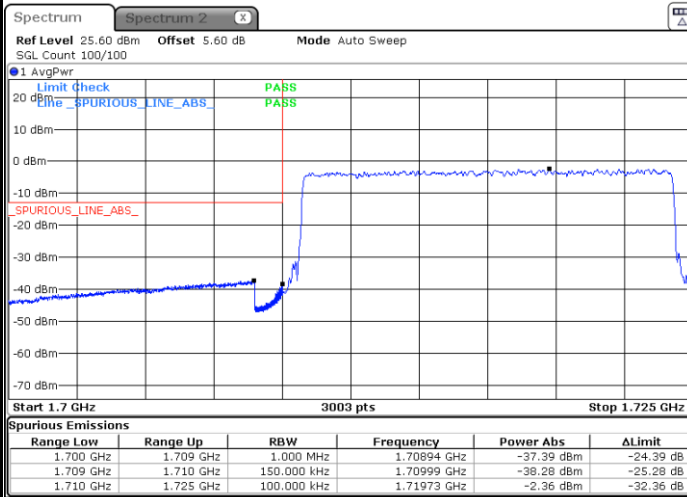
Date: 20.DEC.2024 13:52:07

Highest Band Edge / 1 RB



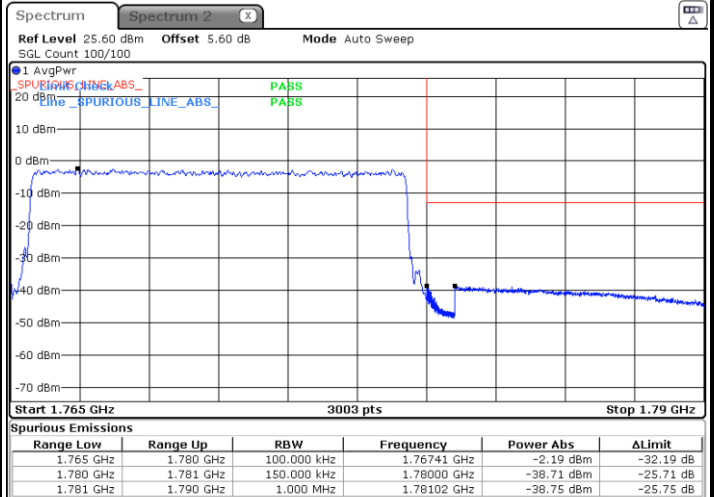
Date: 20.DEC.2024 14:03:19

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:55:07

Highest Band Edge / Full RB

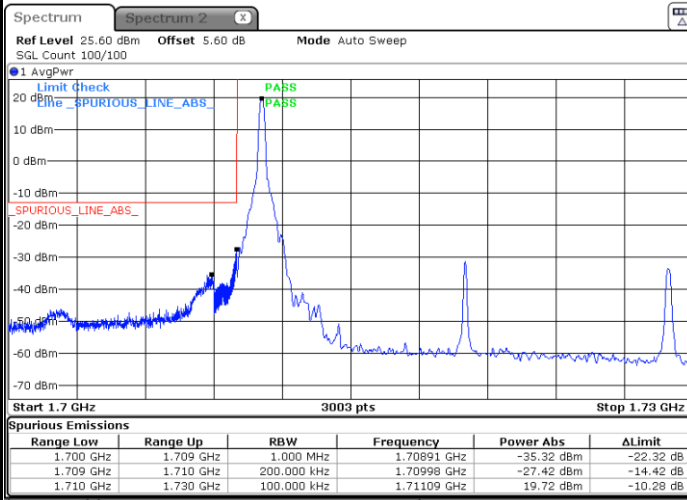


Date: 20.DEC.2024 14:05:59



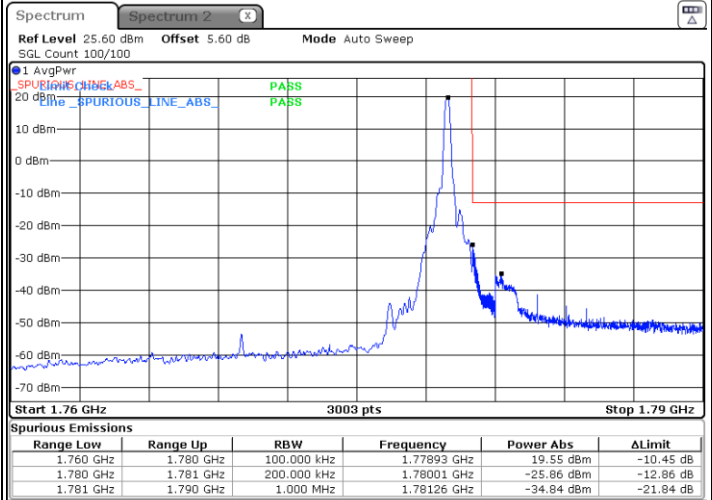
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



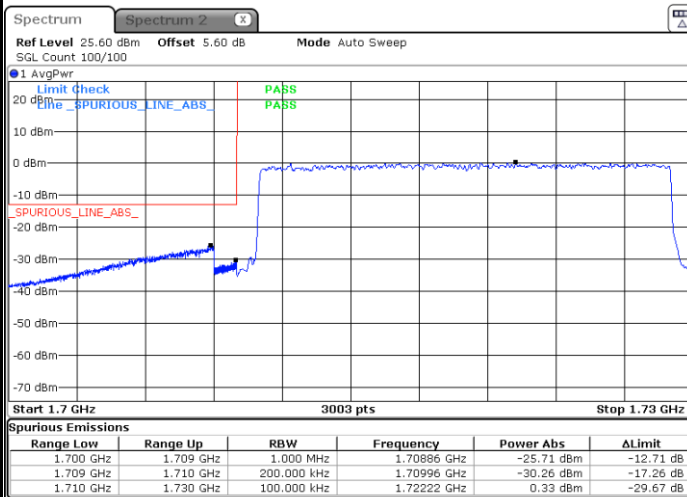
Date: 20.DEC.2024 14:13:28

Highest Band Edge / 1 RB



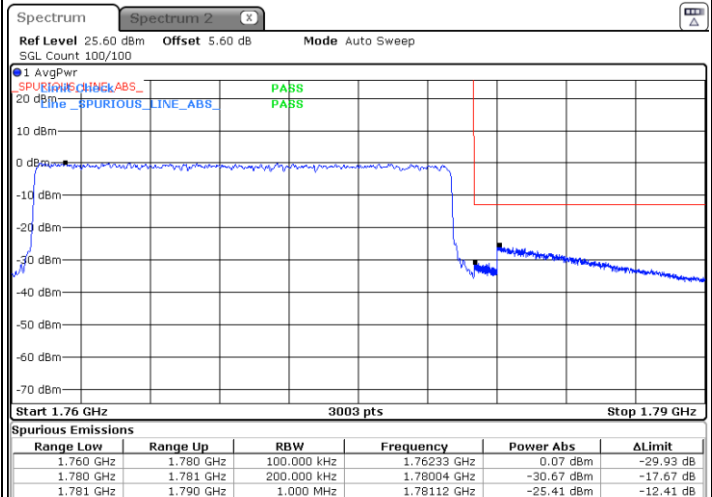
Date: 20.DEC.2024 14:21:32

Lowest Band Edge / Full RB



Date: 20.DEC.2024 14:16:07

Highest Band Edge / Full RB

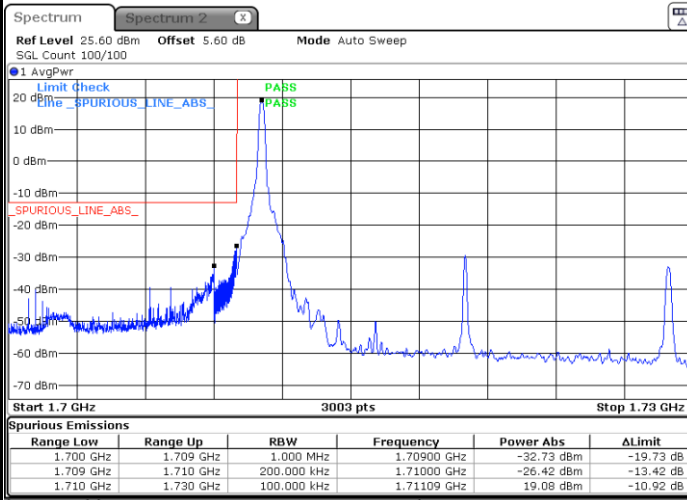


Date: 20.DEC.2024 14:26:08



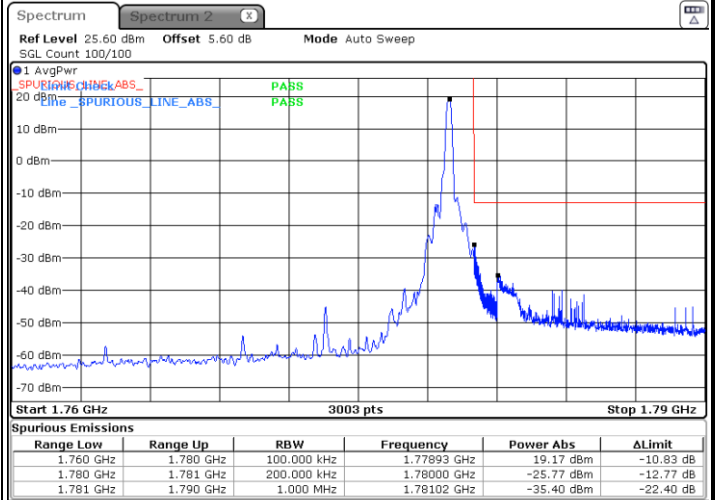
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



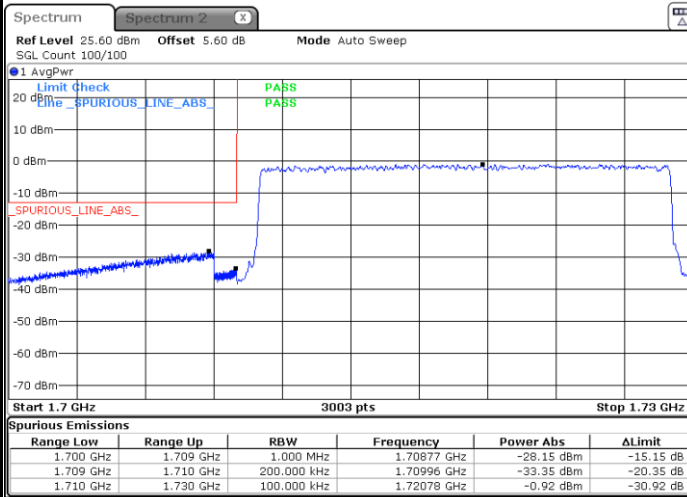
Date: 20.DEC.2024 14:14:08

Highest Band Edge / 1 RB



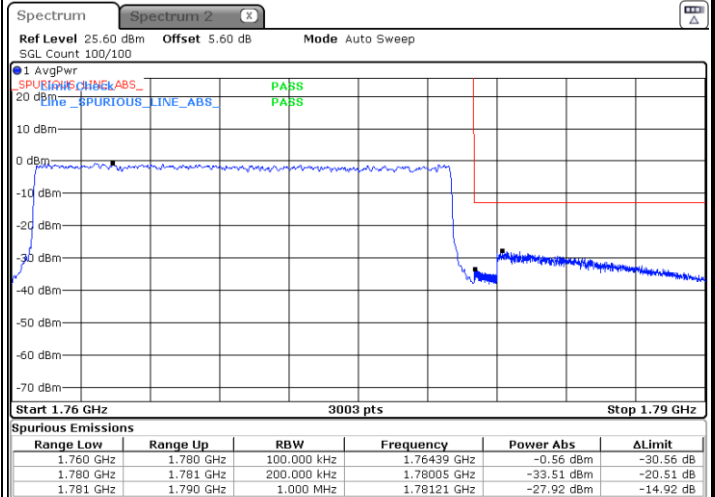
Date: 20.DEC.2024 14:22:12

Lowest Band Edge / Full RB



Date: 20.DEC.2024 14:16:47

Highest Band Edge / Full RB

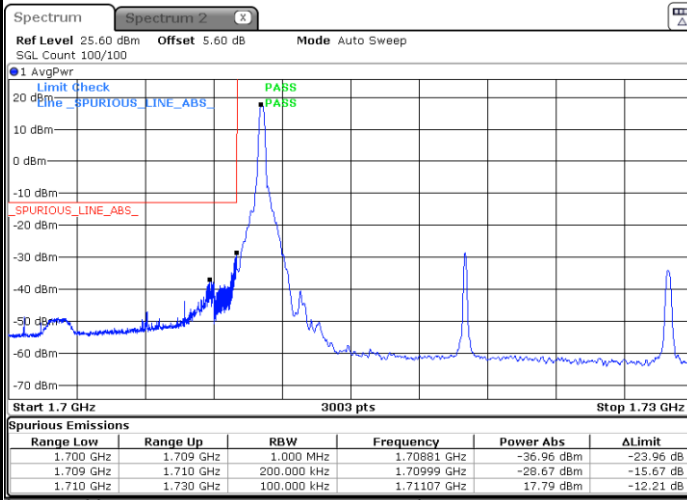


Date: 20.DEC.2024 14:26:47



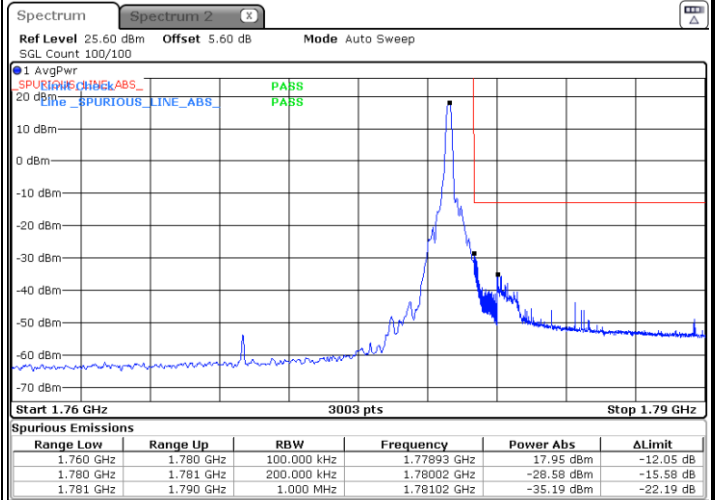
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



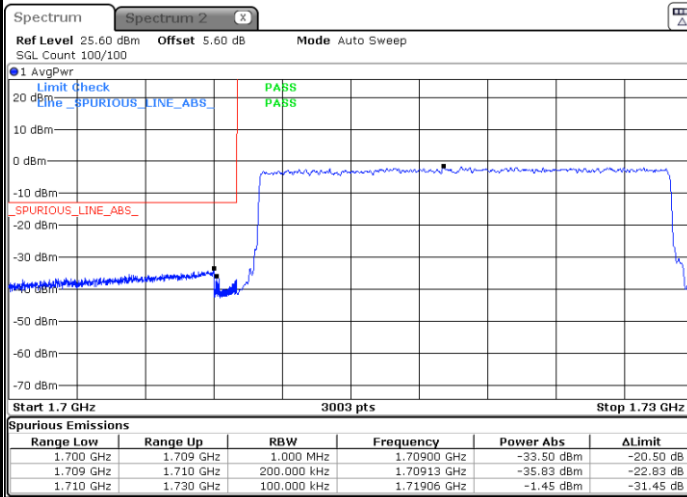
Date: 20.DEC.2024 14:14:48

Highest Band Edge / 1 RB



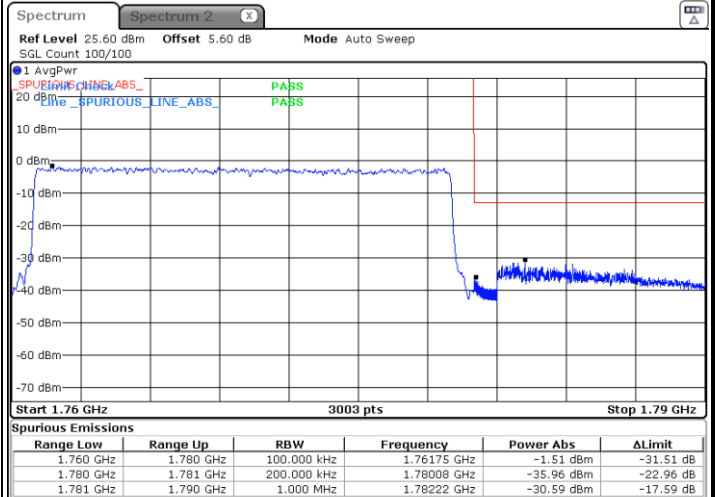
Date: 20.DEC.2024 14:24:47

Lowest Band Edge / Full RB



Date: 20.DEC.2024 14:17:27

Highest Band Edge / Full RB

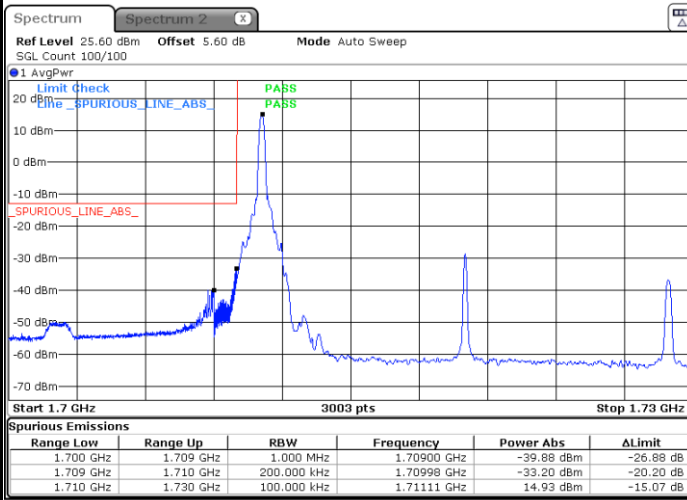


Date: 20.DEC.2024 14:27:28



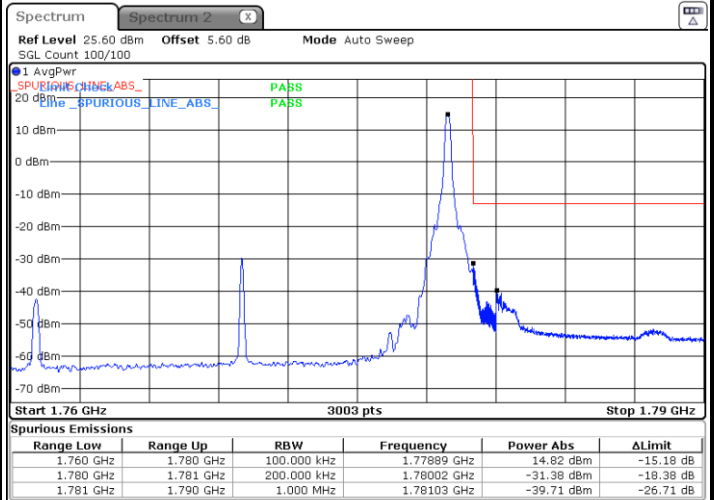
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



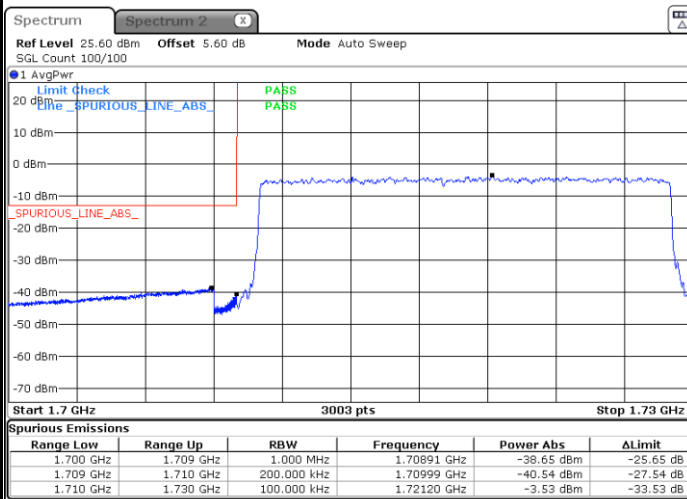
Date: 20.DEC.2024 14:15:27

Highest Band Edge / 1 RB



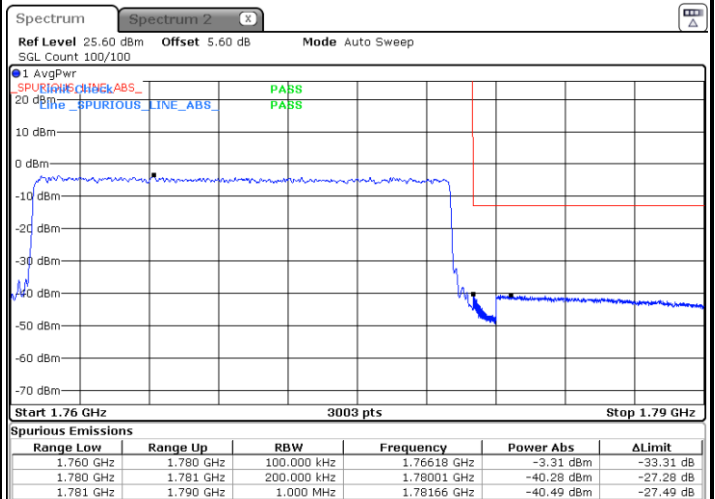
Date: 20.DEC.2024 14:25:27

Lowest Band Edge / Full RB



Date: 20.DEC.2024 14:18:07

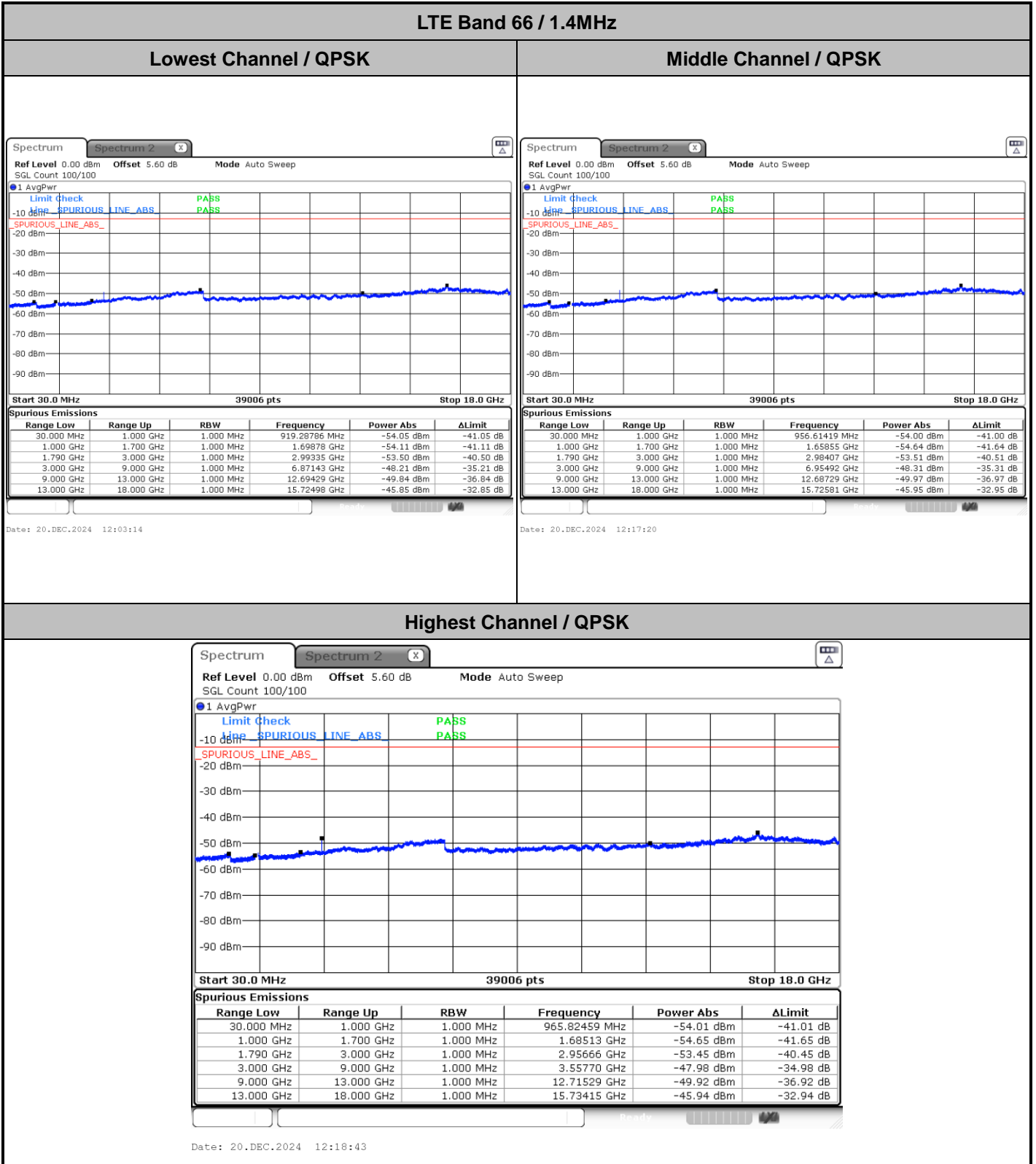
Highest Band Edge / Full RB



Date: 20.DEC.2024 14:28:07



Conducted Spurious Emission

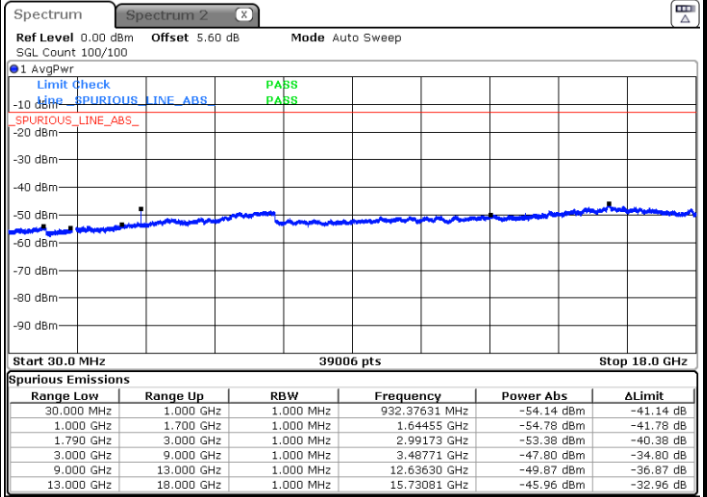
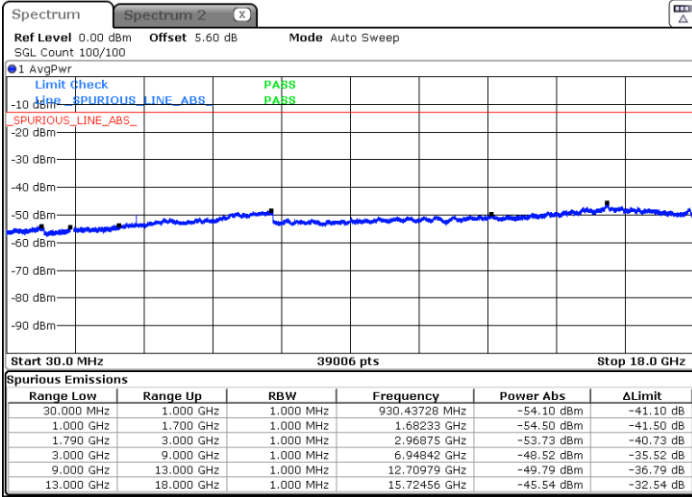




LTE Band 66 / 3MHz

Lowest Channel / QPSK

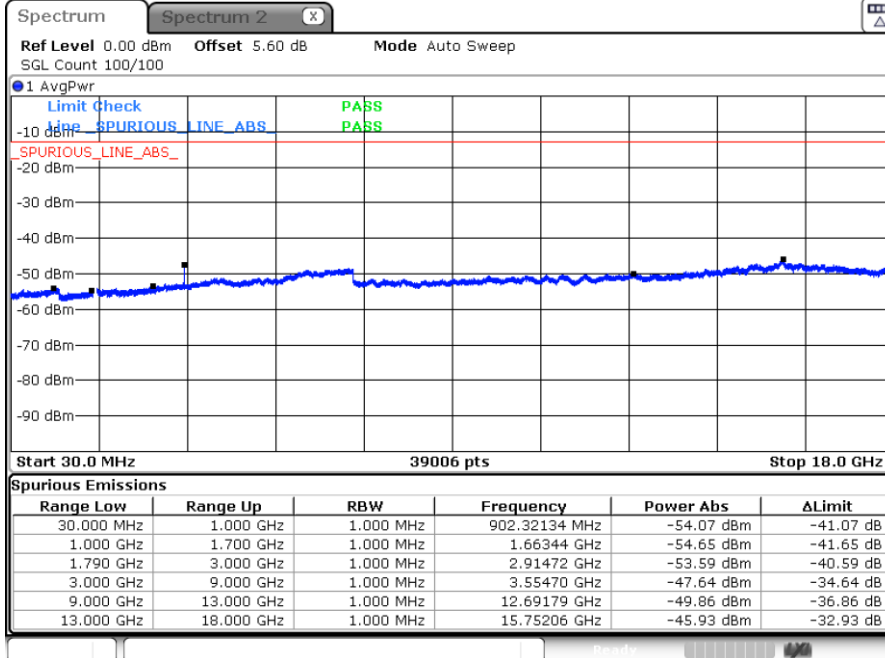
Middle Channel / QPSK



Date: 20.DEC.2024 12:33:29

Date: 20.DEC.2024 12:46:15

Highest Channel / QPSK



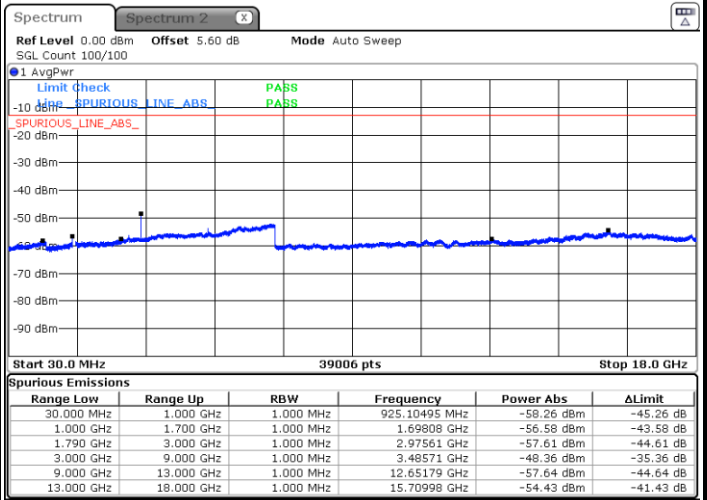
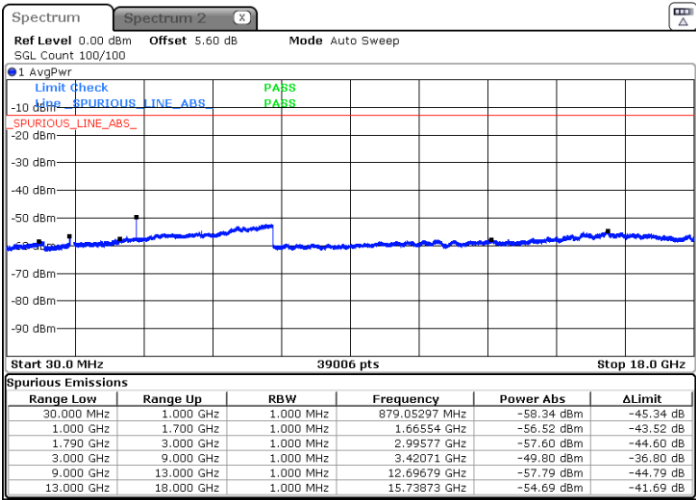
Date: 20.DEC.2024 12:47:37



LTE Band 66 / 5MHz

Lowest Channel / QPSK

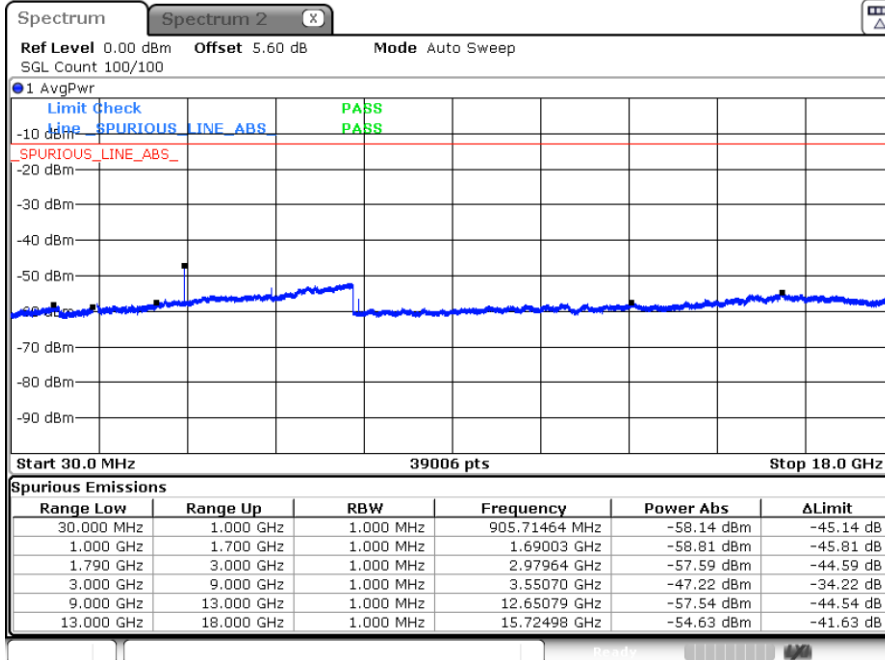
Middle Channel / QPSK



Date: 20.DEC.2024 13:02:30

Date: 20.DEC.2024 13:11:13

Highest Channel / QPSK



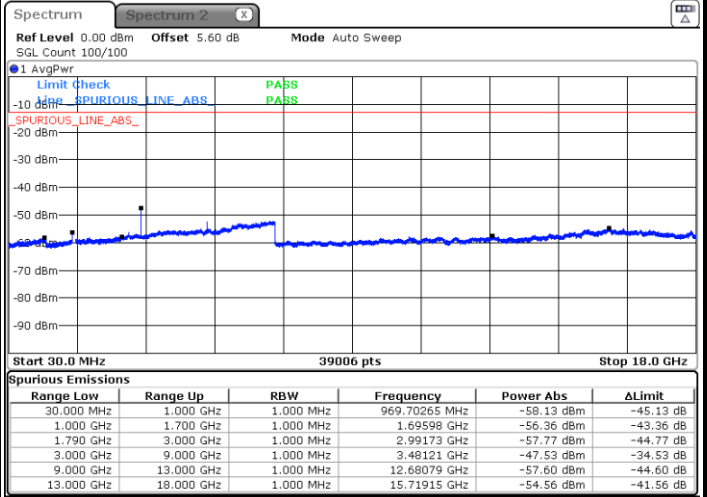
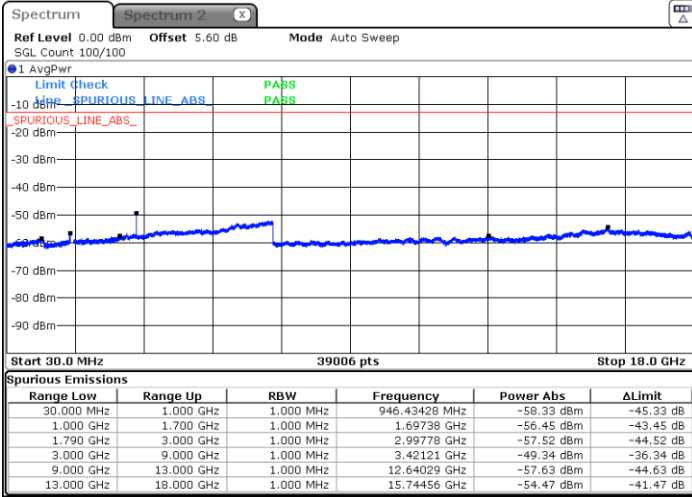
Date: 20.DEC.2024 13:12:36



LTE Band 66 / 10MHz

Lowest Channel / QPSK

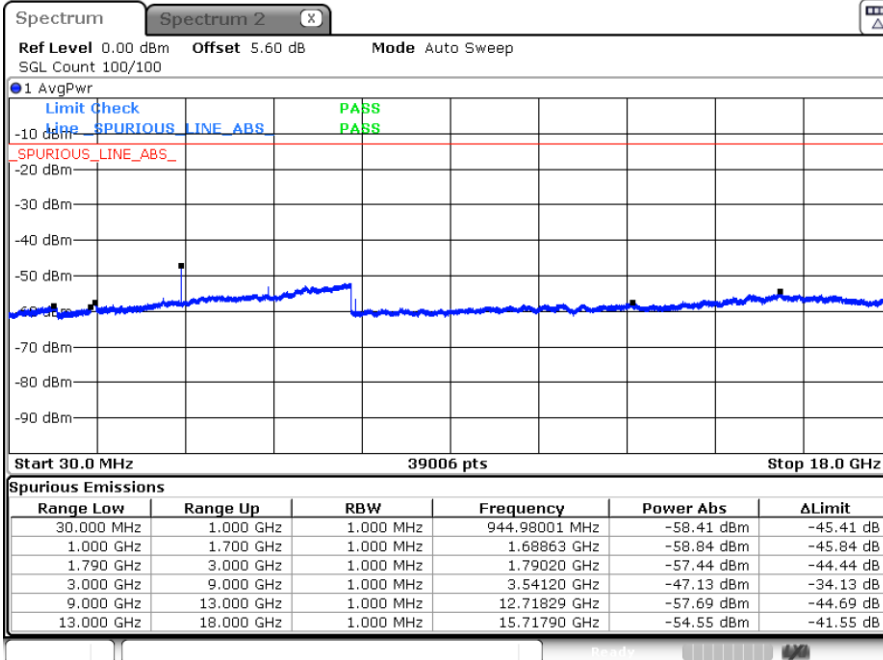
Middle Channel / QPSK



Date: 20.DEC.2024 13:24:46

Date: 20.DEC.2024 13:32:10

Highest Channel / QPSK



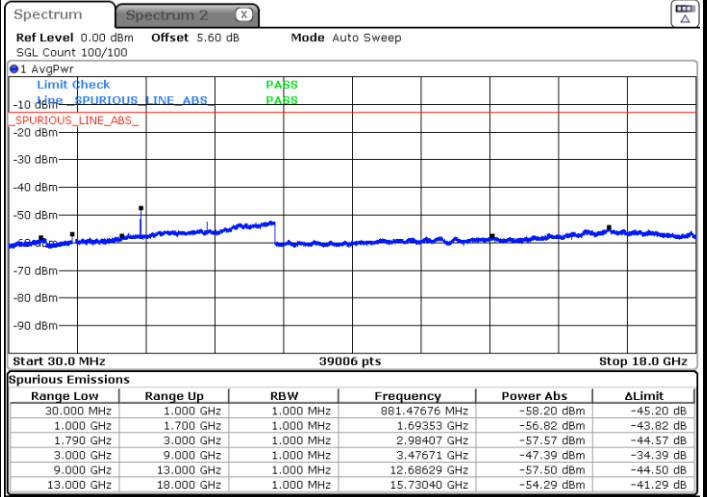
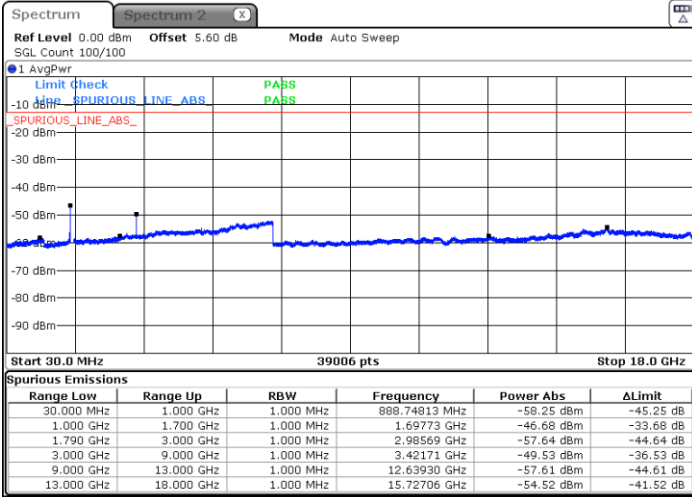
Date: 20.DEC.2024 13:33:33



LTE Band 66 / 15MHz

Lowest Channel / QPSK

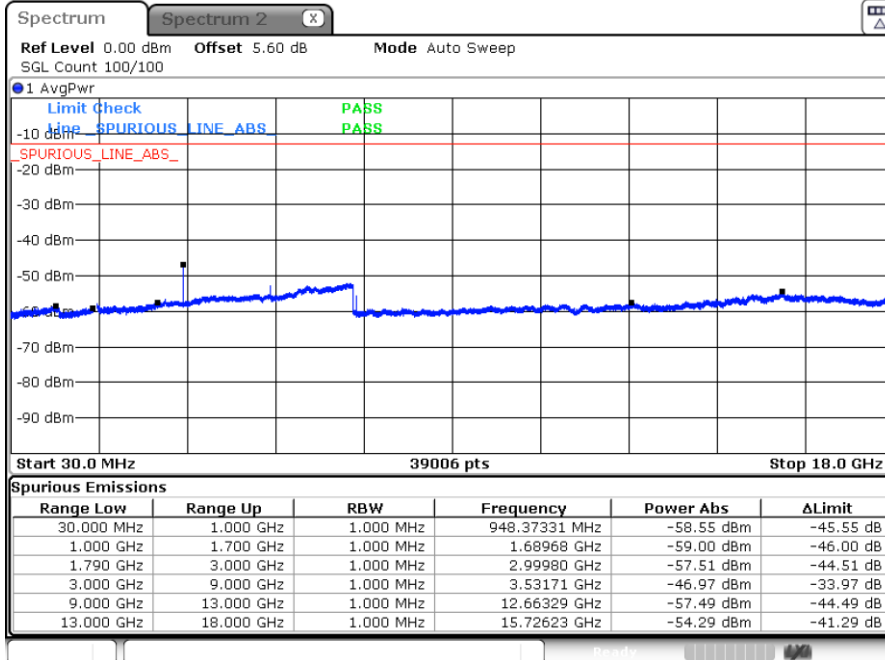
Middle Channel / QPSK



Date: 20.DEC.2024 13:49:05

Date: 20.DEC.2024 13:56:29

Highest Channel / QPSK



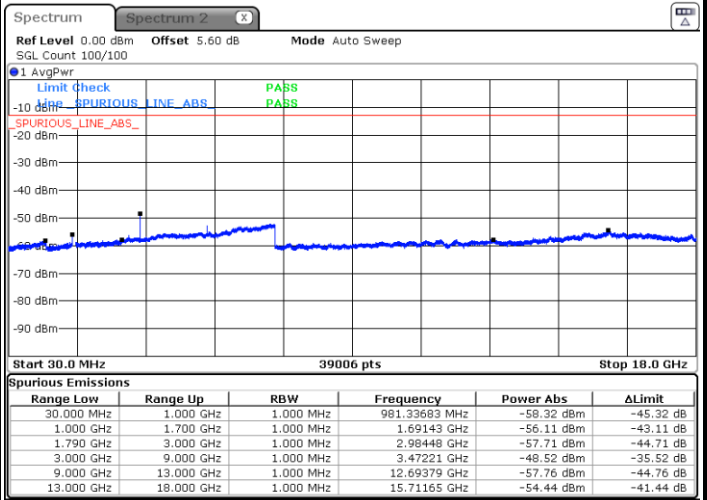
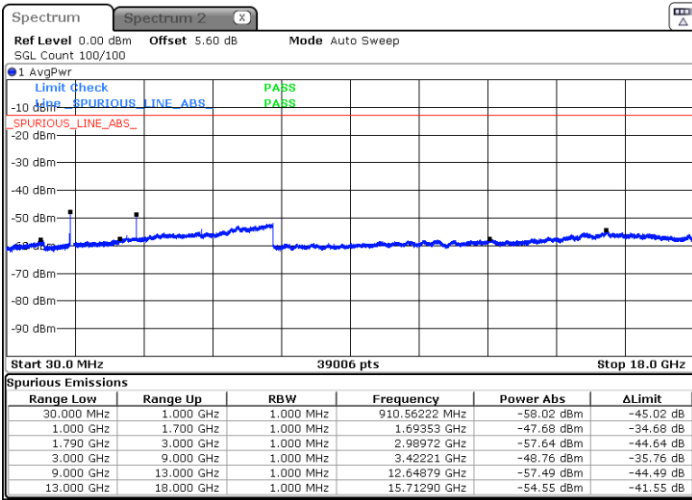
Date: 20.DEC.2024 13:57:52



LTE Band 66 / 20MHz

Lowest Channel / QPSK

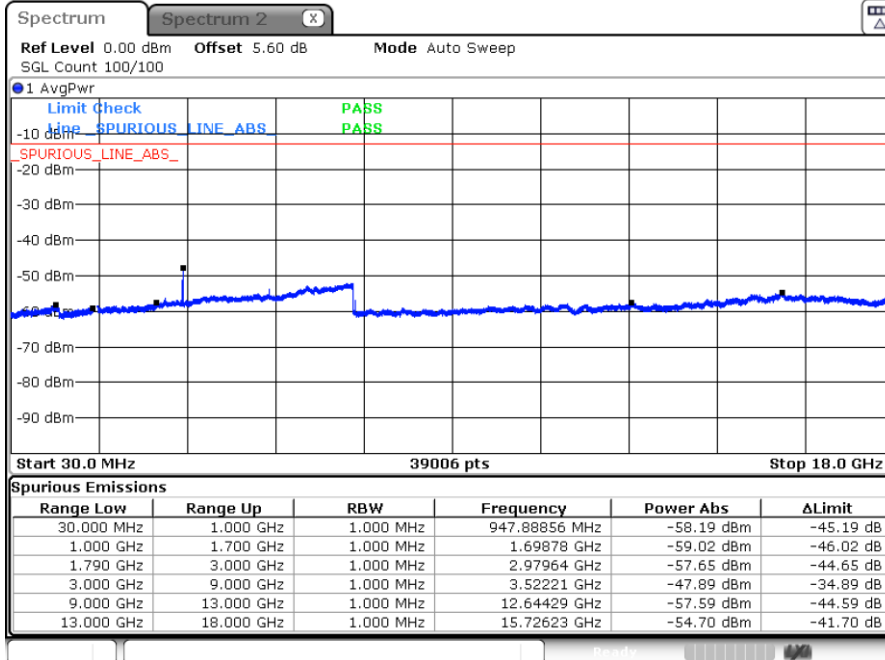
Middle Channel / QPSK



Date: 20.DEC.2024 14:12:46

Date: 20.DEC.2024 14:19:29

Highest Channel / QPSK



Date: 20.DEC.2024 14:20:52



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0078	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0091	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

LTE Band 25 / 20MHz / QPSK Ant.0 open status								
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	3750	-58.10	-13	-45.10	-70.36	2.64	14.90	H
	5625	-51.05	-13	-38.05	-62.91	2.94	14.80	H
	7500	-53.87	-13	-40.87	-63.64	3.39	13.16	H
	3750	-58.18	-13	-45.18	-70.44	2.64	14.90	V
	5625	-52.99	-13	-39.99	-64.85	2.94	14.80	V
	7500	-53.57	-13	-40.57	-63.34	3.39	13.16	V

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

LTE Band 66 / 20MHz / QPSK Ant.0 open status								
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	3465	-62.21	-13	-49.21	-72.95	2.604	13.34	H
	5205	-41.33	-13	-28.33	-51.84	3.011	13.52	H
	6945	-55.46	-13	-42.46	-65.66	3.271	13.47	H
	3465	-64.07	-13	-51.07	-74.81	2.604	13.34	V
	5205	-46.33	-13	-33.33	-56.84	3.011	13.52	V
	6945	-55.52	-13	-42.52	-65.72	3.271	13.47	V

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

LTE Band 25 other PA / 20MHz / QPSK Ant.3 open status								
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	3750	-62.25	-13	-49.25	-74.51	2.64	14.90	H
	5625	-44.04	-13	-31.04	-55.90	2.94	14.80	H
	7500	-53.19	-13	-40.19	-62.96	3.39	13.16	H
	3750	-62.68	-13	-49.68	-74.94	2.64	14.90	V
	5625	-48.62	-13	-35.62	-60.48	2.94	14.80	V
	7500	-53.89	-13	-40.89	-63.66	3.39	13.16	V

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



LTE Band 66 other PA / 20MHz / QPSK Ant.1 open status								
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	3465	-64.08	-13	-51.08	-74.82	2.604	13.34	H
	5205	-47.01	-13	-34.01	-57.52	3.011	13.52	H
	6945	-55.65	-13	-42.65	-65.85	3.271	13.47	H
	3465	-66.07	-13	-53.07	-76.81	2.604	13.34	V
	5205	-47.59	-13	-34.59	-58.10	3.011	13.52	V
	6945	-55.70	-13	-42.70	-65.90	3.271	13.47	V

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