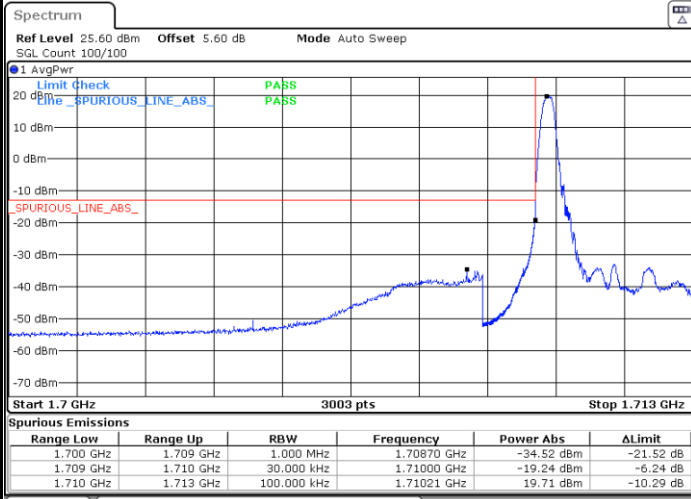




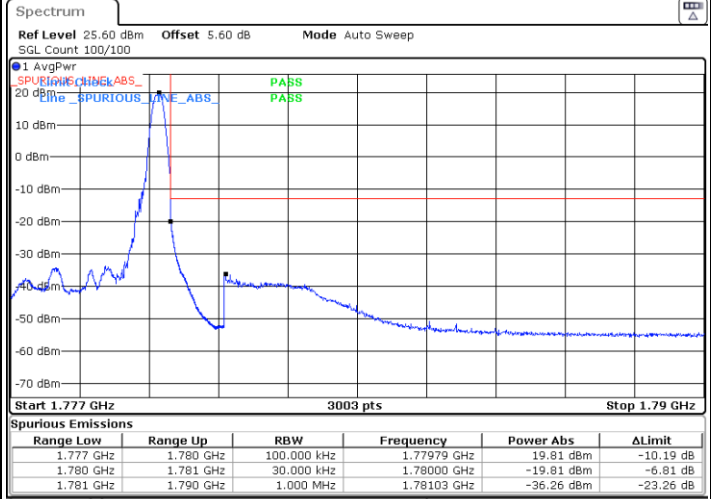
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



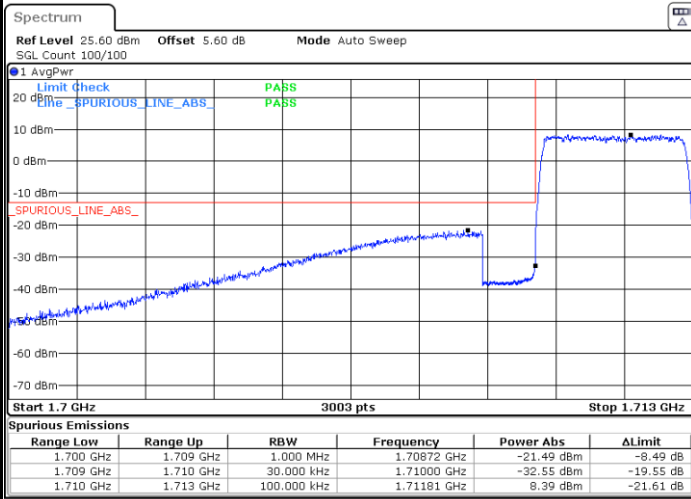
Date: 31.MAY.2024 01:38:08

Highest Band Edge / 1 RB



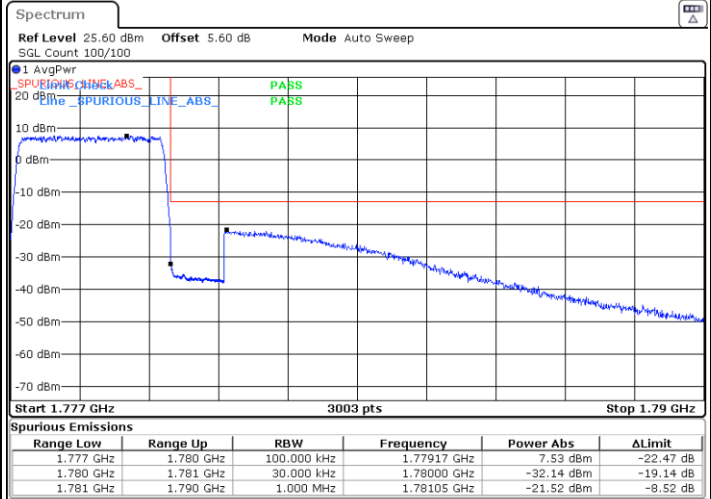
Date: 31.MAY.2024 01:46:43

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:40:12

Highest Band Edge / Full RB

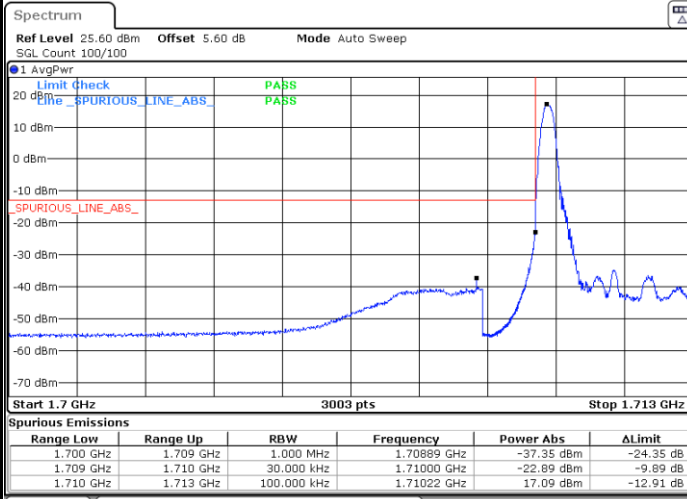


Date: 31.MAY.2024 01:44:36



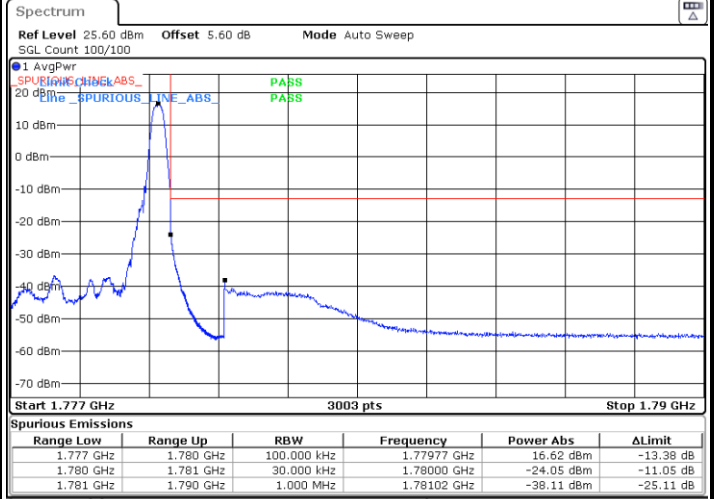
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



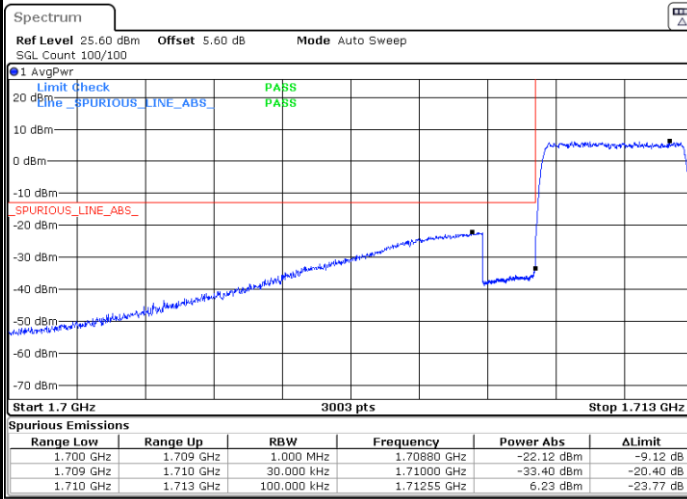
Date: 31.MAY.2024 01:38:47

Highest Band Edge / 1 RB



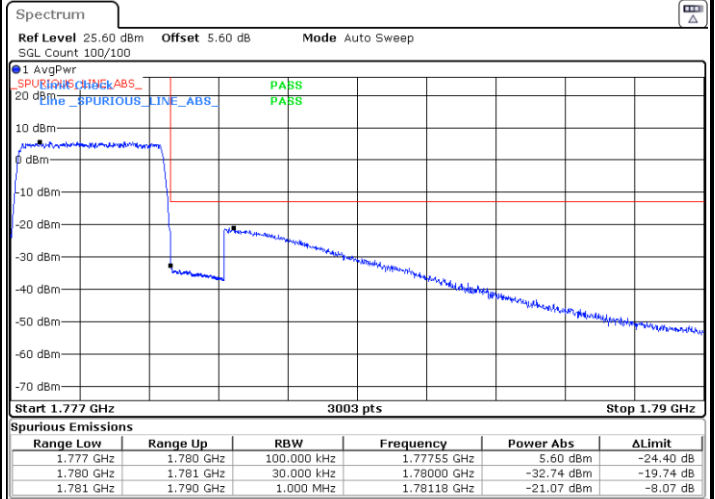
Date: 31.MAY.2024 01:46:03

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:39:32

Highest Band Edge / Full RB

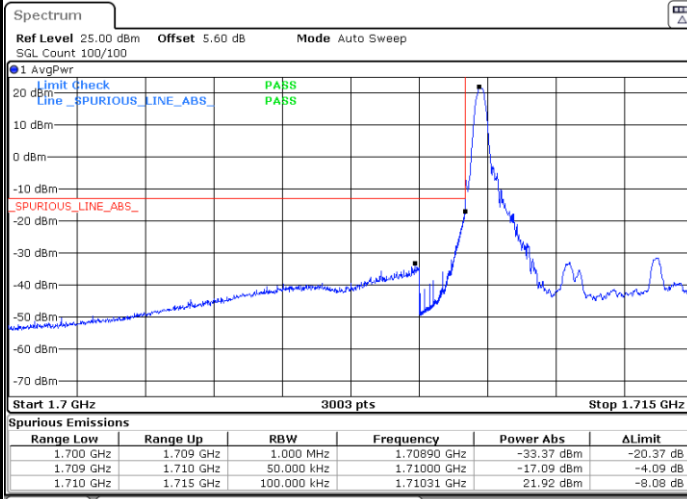


Date: 31.MAY.2024 01:45:17



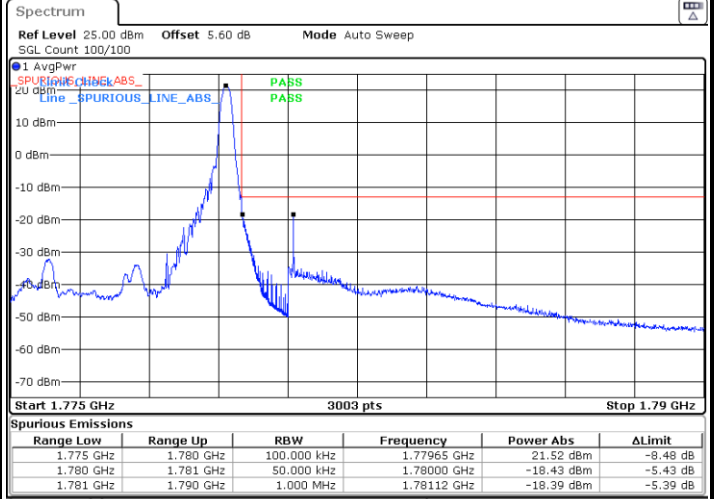
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



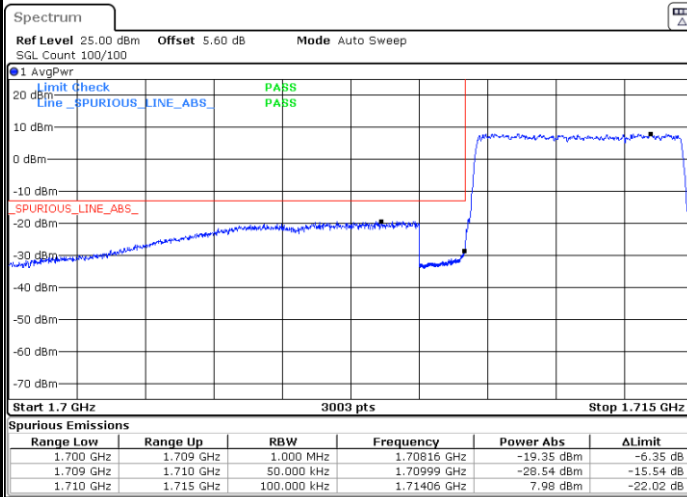
Date: 31.MAY.2024 01:52:10

Highest Band Edge / 1 RB



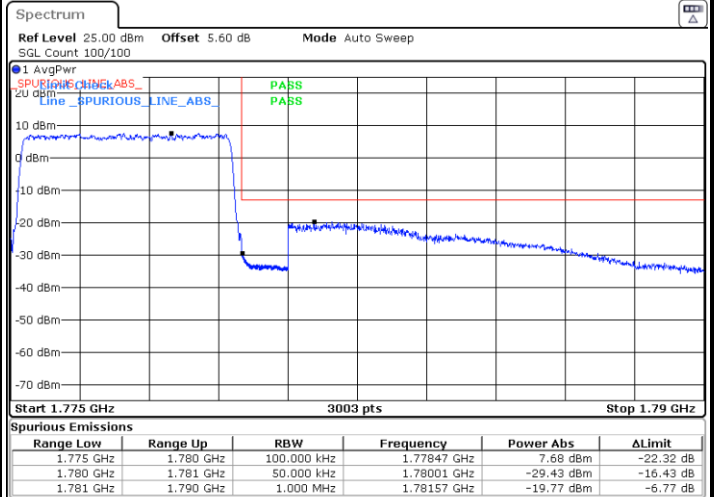
Date: 31.MAY.2024 02:02:47

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:55:04

Highest Band Edge / Full RB

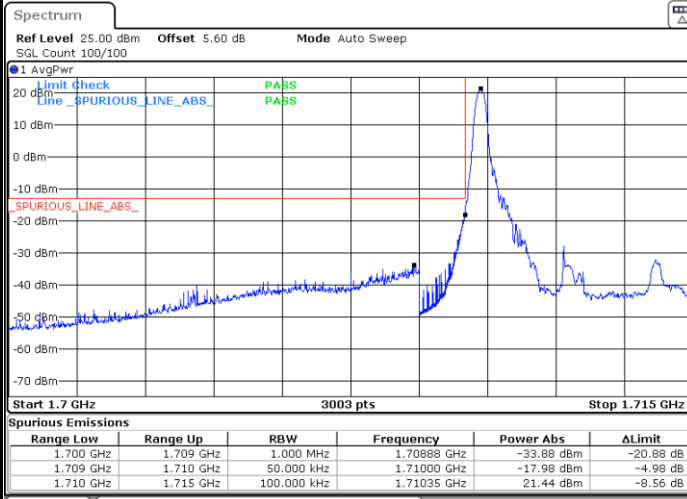


Date: 31.MAY.2024 02:06:42



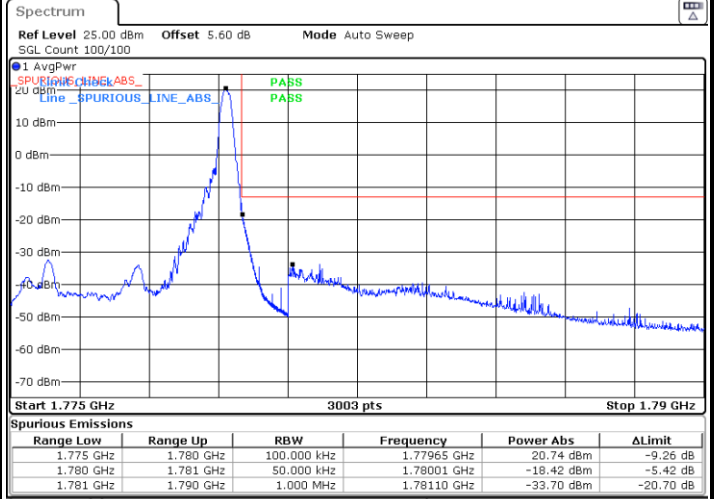
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



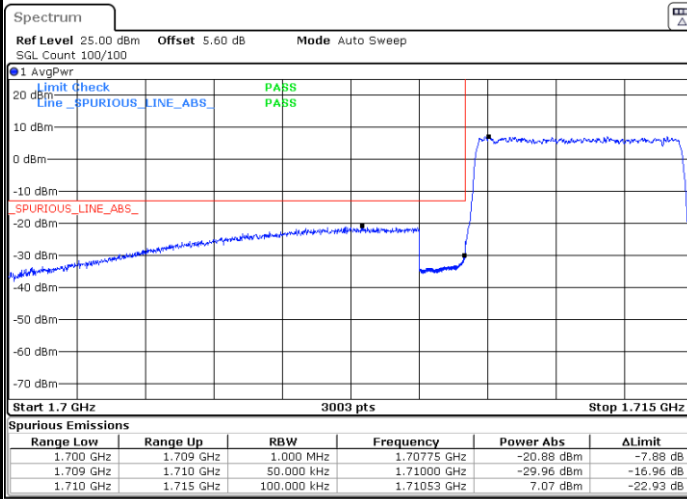
Date: 31.MAY.2024 01:52:32

Highest Band Edge / 1 RB



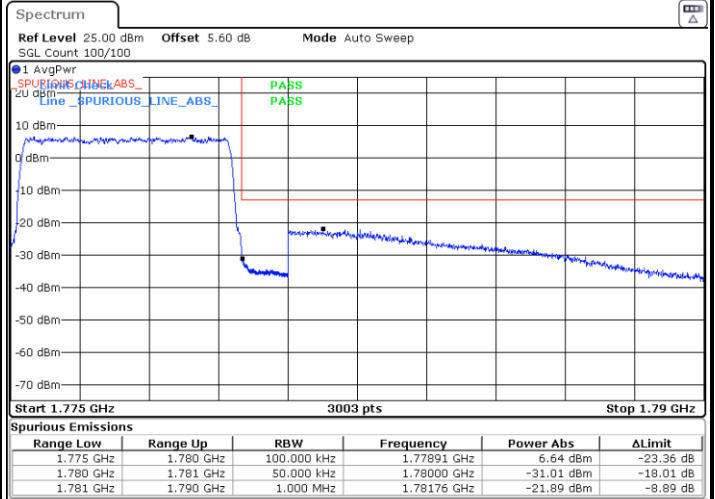
Date: 31.MAY.2024 02:03:13

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:54:40

Highest Band Edge / Full RB

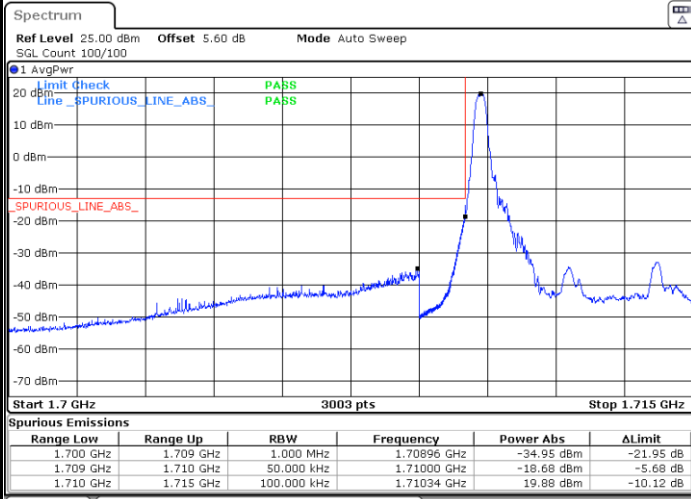


Date: 31.MAY.2024 02:06:19



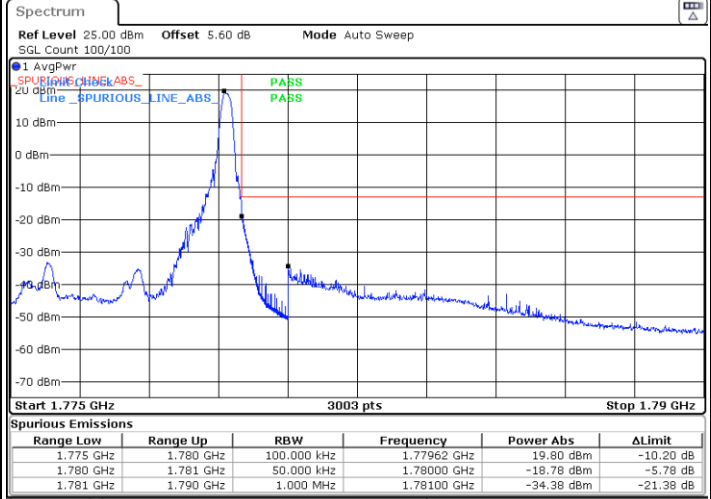
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



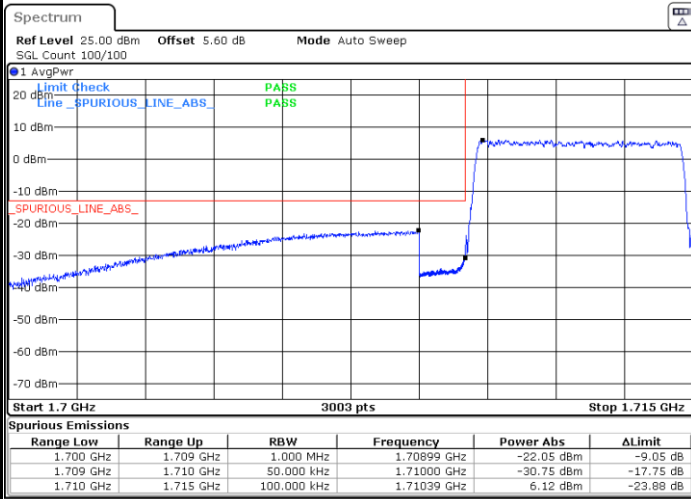
Date: 31.MAY.2024 01:52:54

Highest Band Edge / 1 RB



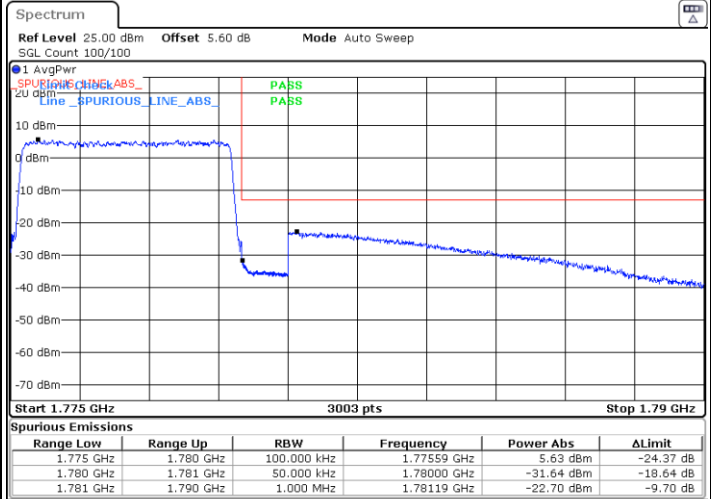
Date: 31.MAY.2024 02:03:38

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:54:19

Highest Band Edge / Full RB

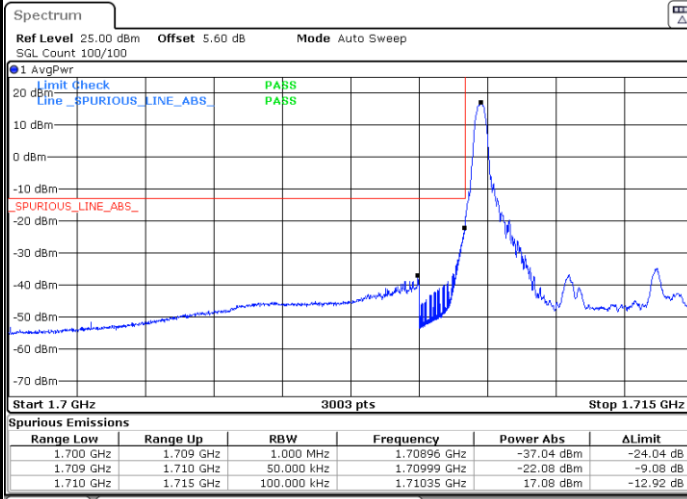


Date: 31.MAY.2024 02:05:08



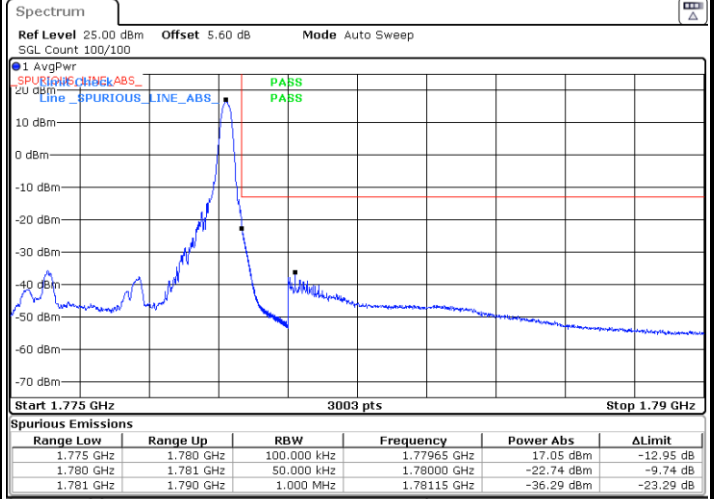
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



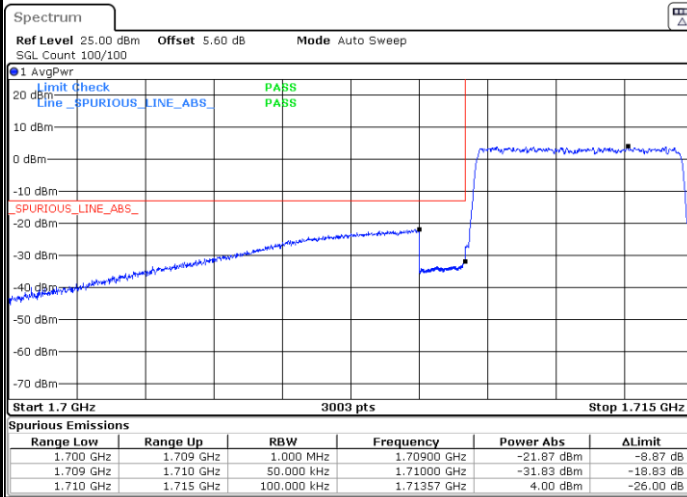
Date: 31.MAY.2024 01:53:24

Highest Band Edge / 1 RB



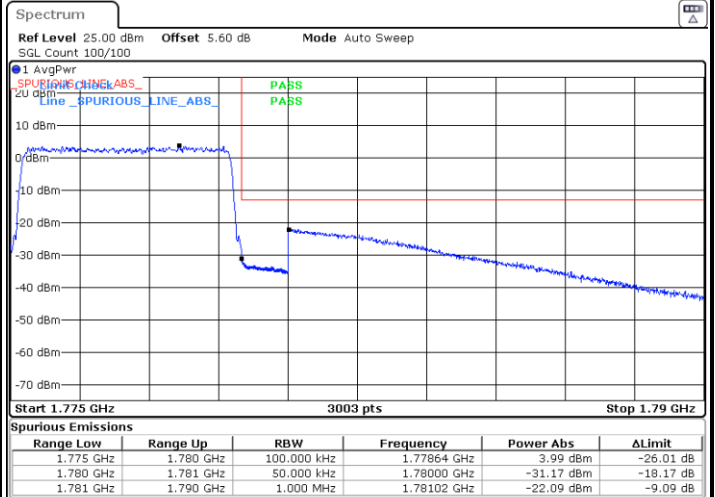
Date: 31.MAY.2024 02:04:02

Lowest Band Edge / Full RB



Date: 31.MAY.2024 01:53:53

Highest Band Edge / Full RB

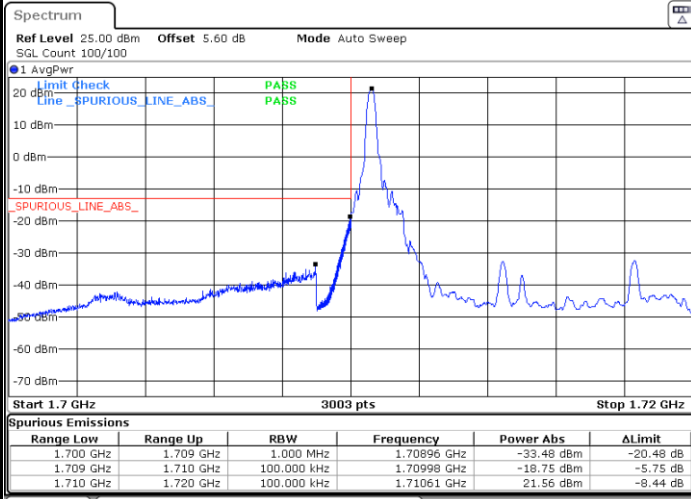


Date: 31.MAY.2024 02:05:49



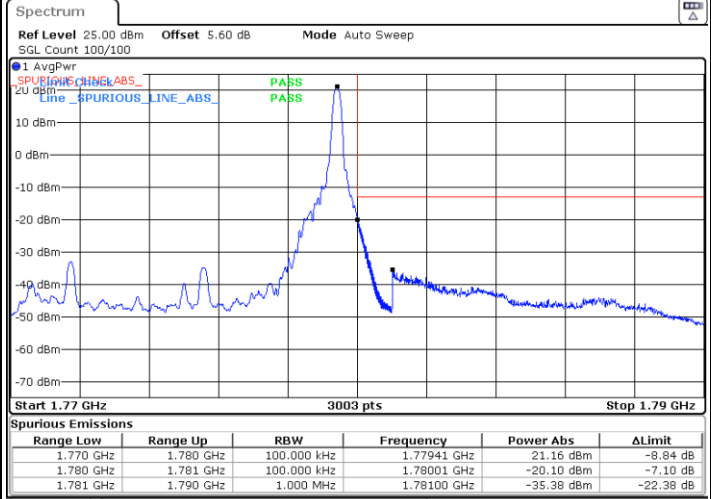
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



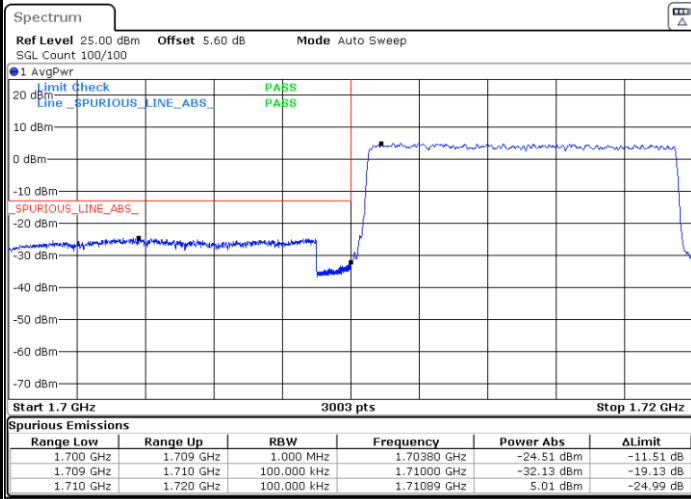
Date: 31.MAY.2024 02:11:05

Highest Band Edge / 1 RB



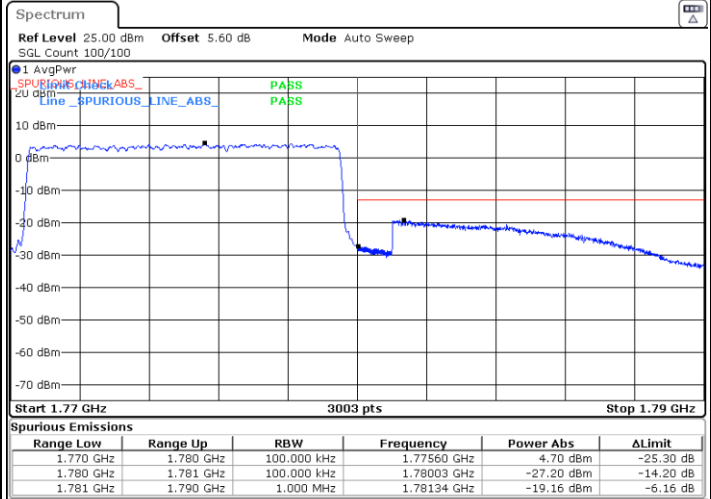
Date: 31.MAY.2024 02:19:53

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:08:16

Highest Band Edge / Full RB

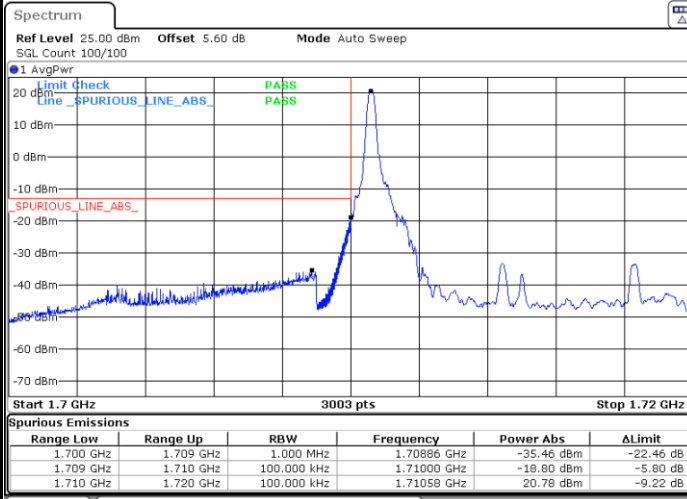


Date: 31.MAY.2024 02:17:23



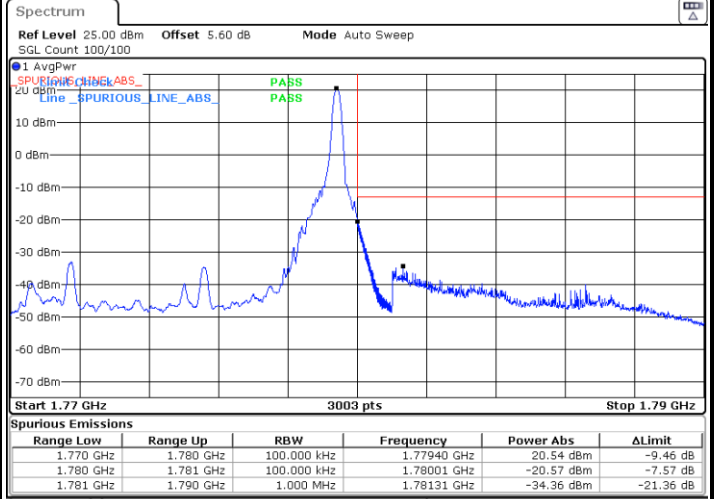
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



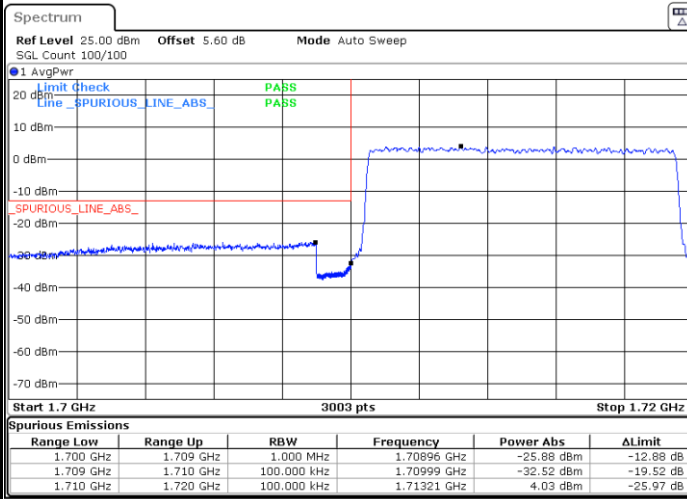
Date: 31.MAY.2024 02:10:49

Highest Band Edge / 1 RB



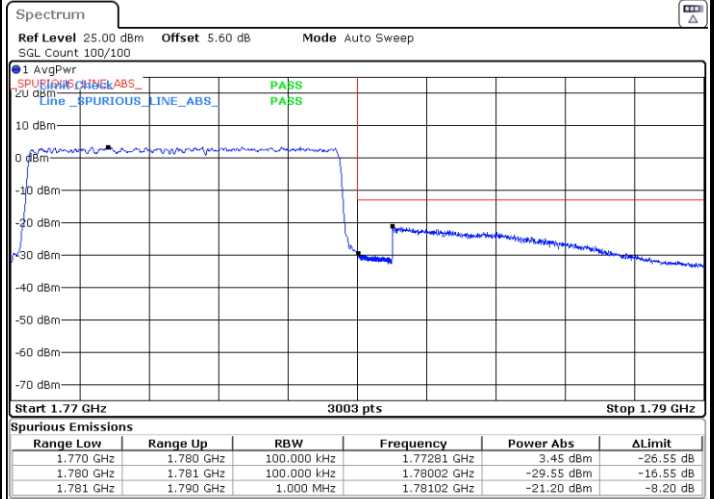
Date: 31.MAY.2024 02:19:30

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:08:41

Highest Band Edge / Full RB



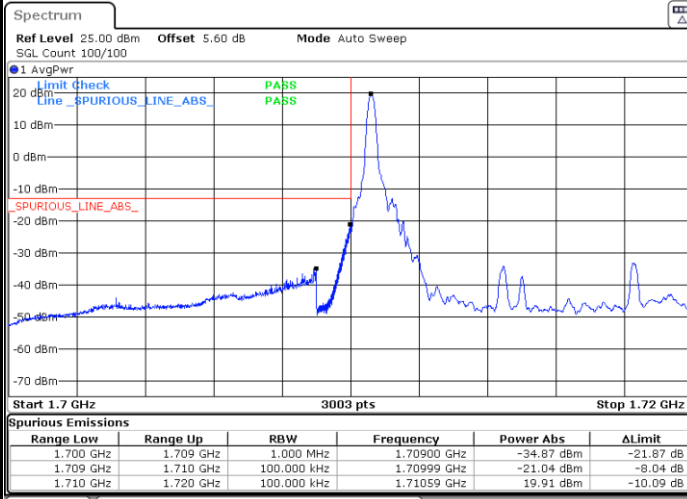
Date: 31.MAY.2024 02:17:43





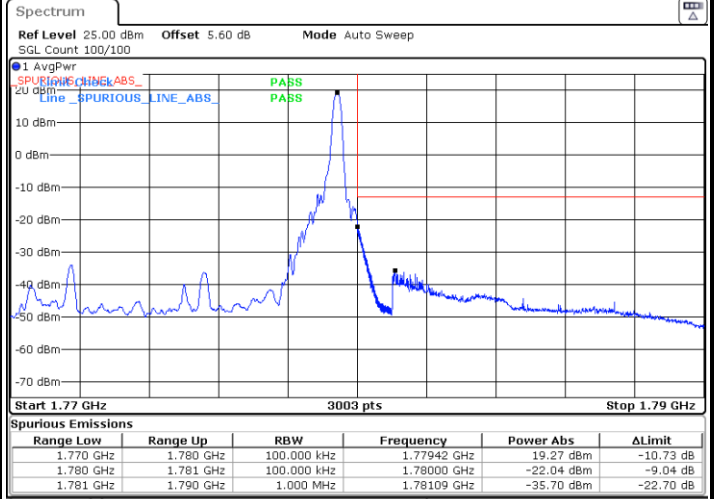
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



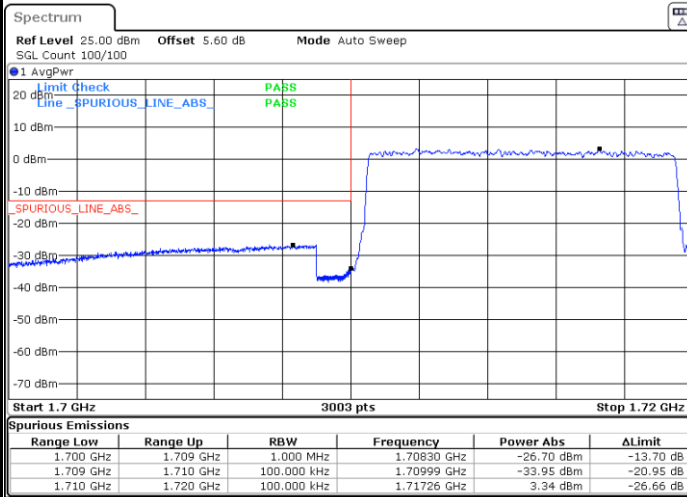
Date: 31.MAY.2024 02:10:31

Highest Band Edge / 1 RB



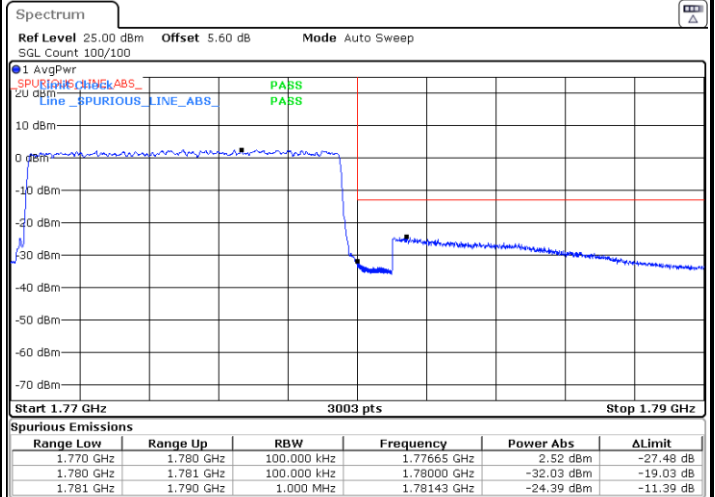
Date: 31.MAY.2024 02:19:10

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:09:17

Highest Band Edge / Full RB

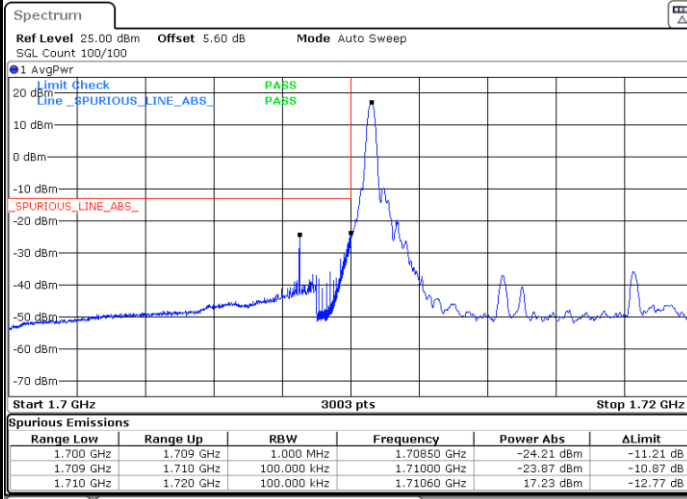


Date: 31.MAY.2024 02:17:59



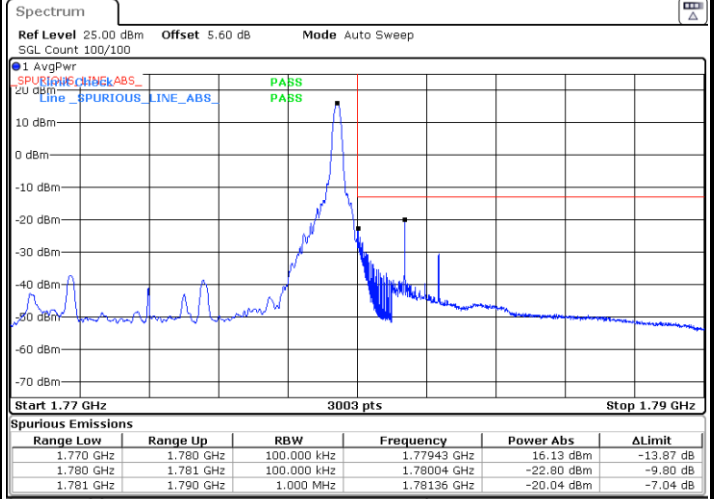
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



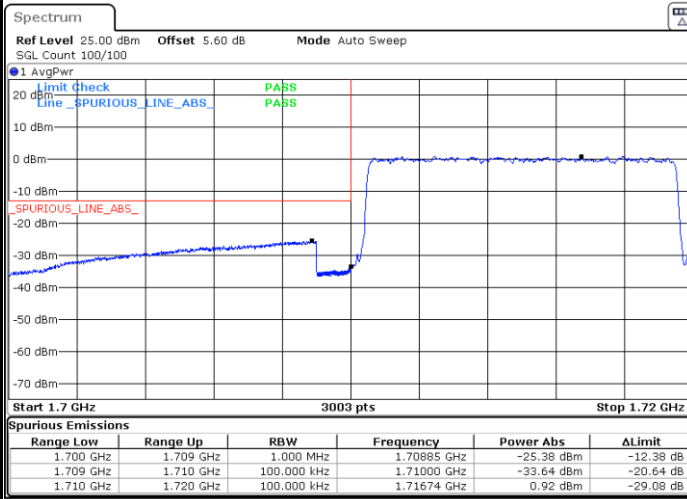
Date: 31.MAY.2024 02:10:13

Highest Band Edge / 1 RB



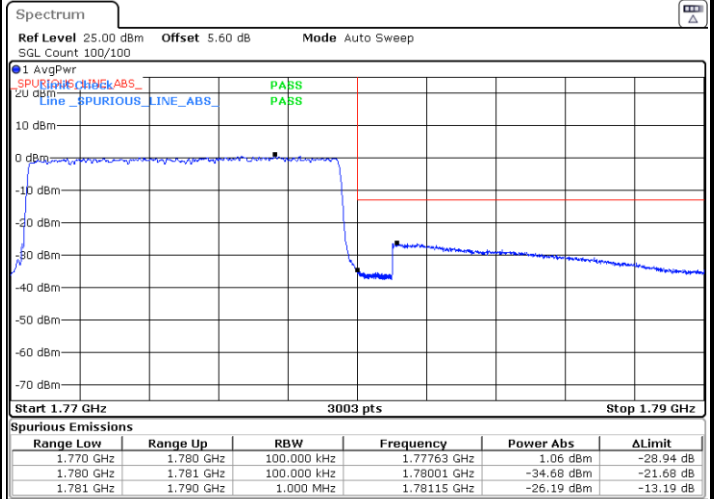
Date: 31.MAY.2024 02:18:49

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:09:45

Highest Band Edge / Full RB

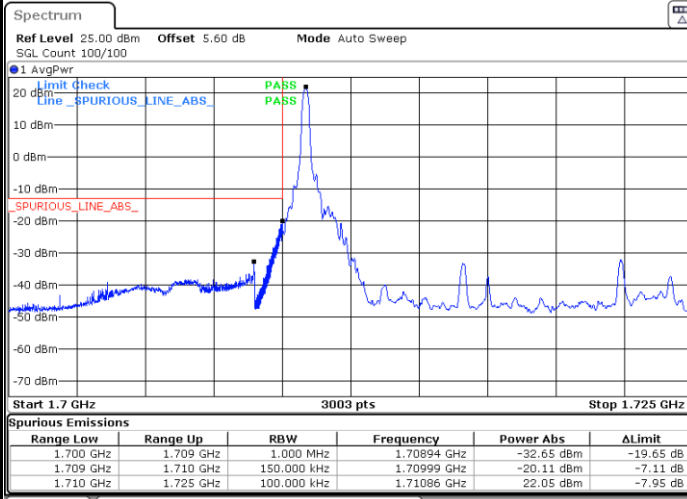


Date: 31.MAY.2024 02:18:24



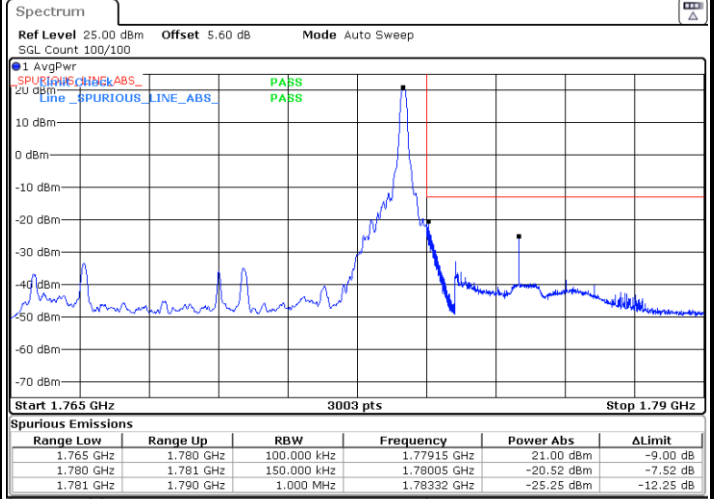
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



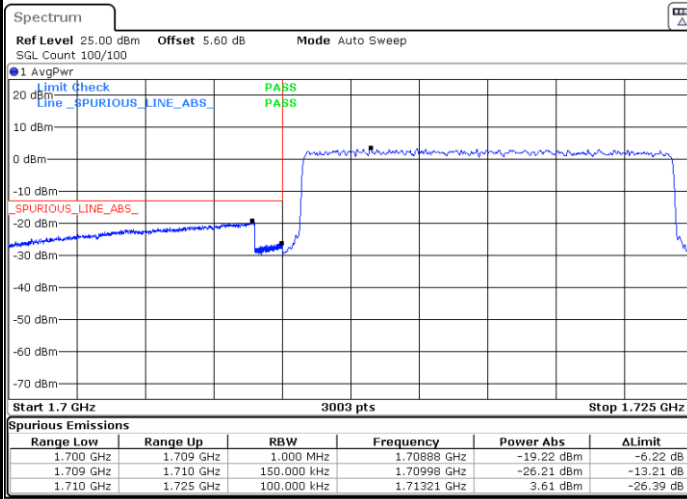
Date: 31.MAY.2024 02:24:47

Highest Band Edge / 1 RB



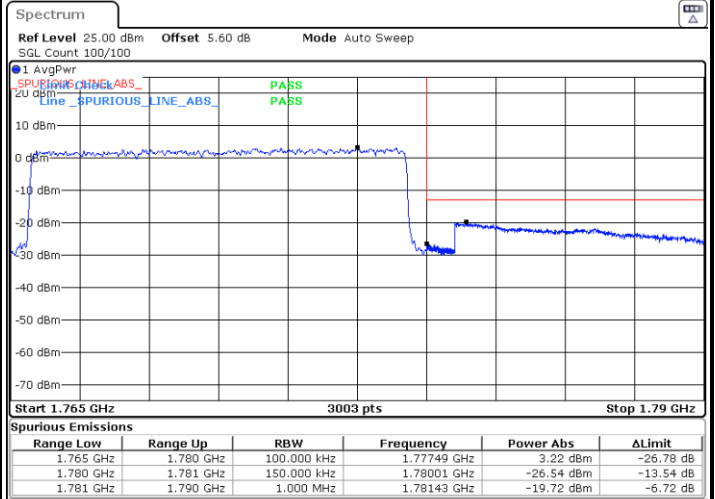
Date: 31.MAY.2024 02:52:29

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:26:45

Highest Band Edge / Full RB

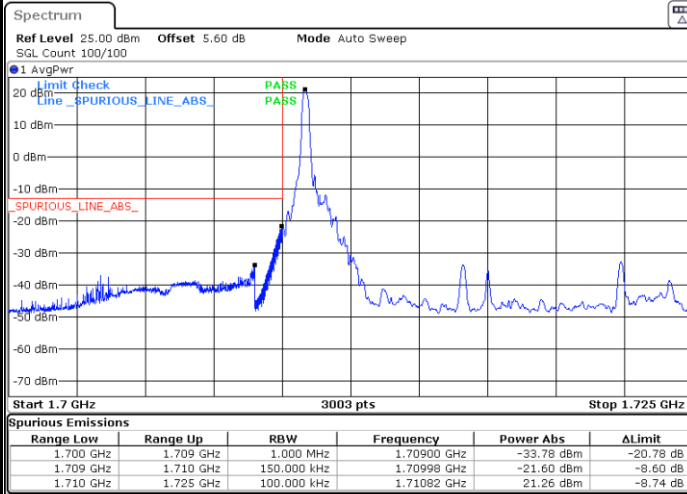


Date: 31.MAY.2024 02:54:16



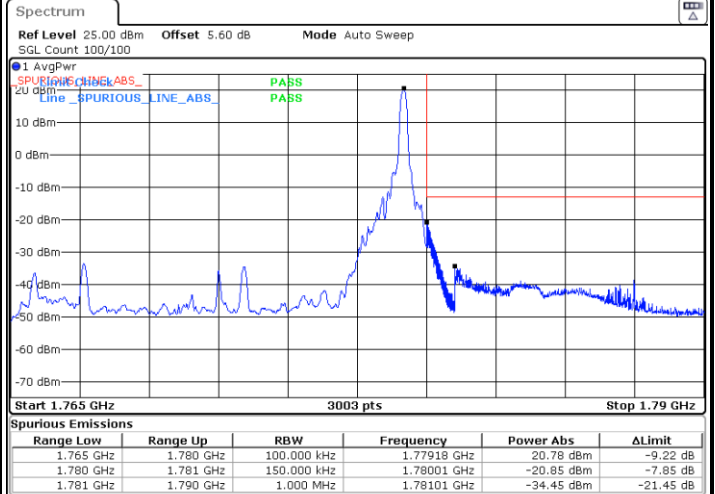
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



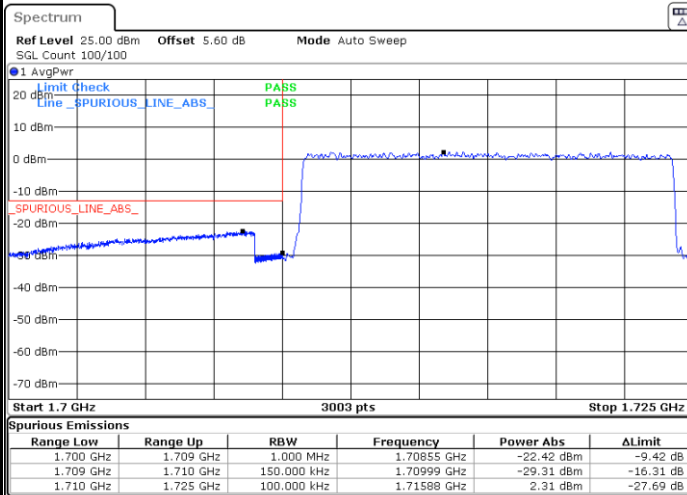
Date: 31.MAY.2024 02:25:15

Highest Band Edge / 1 RB



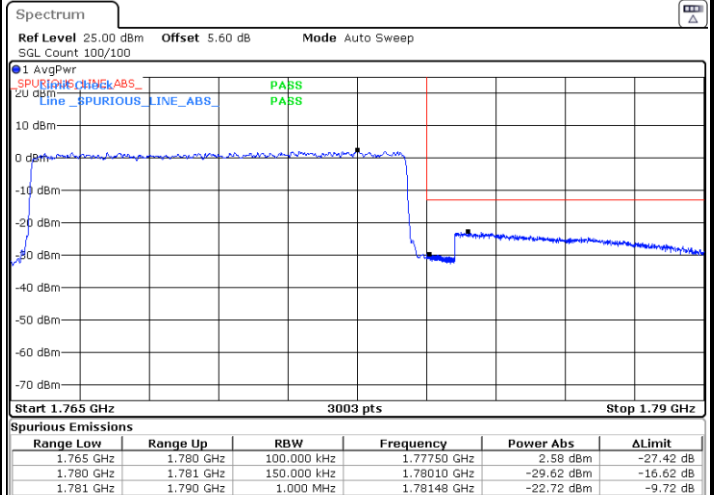
Date: 31.MAY.2024 02:52:46

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:26:32

Highest Band Edge / Full RB

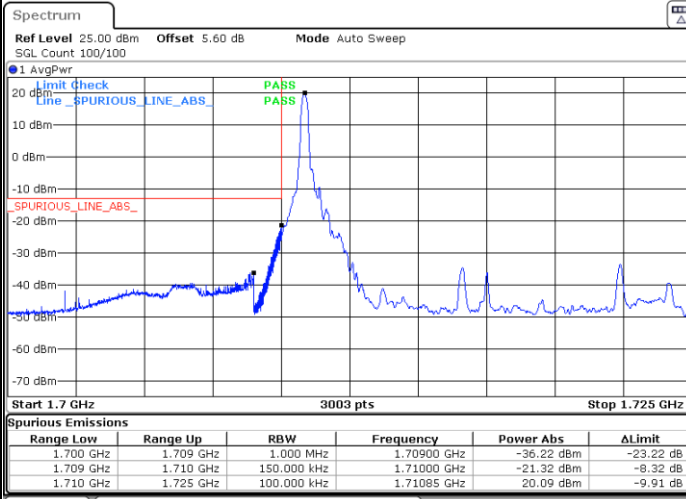


Date: 31.MAY.2024 02:54:02



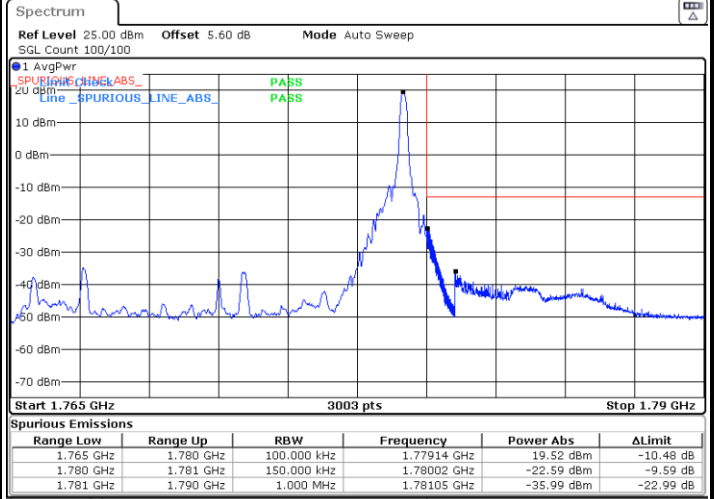
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



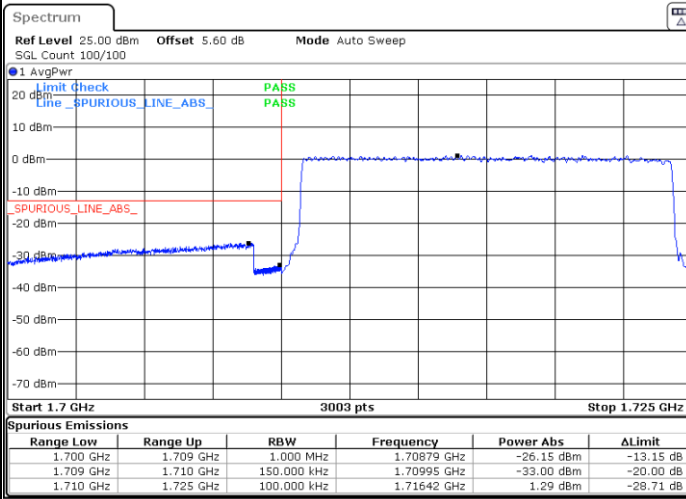
Date: 31.MAY.2024 02:25:33

Highest Band Edge / 1 RB



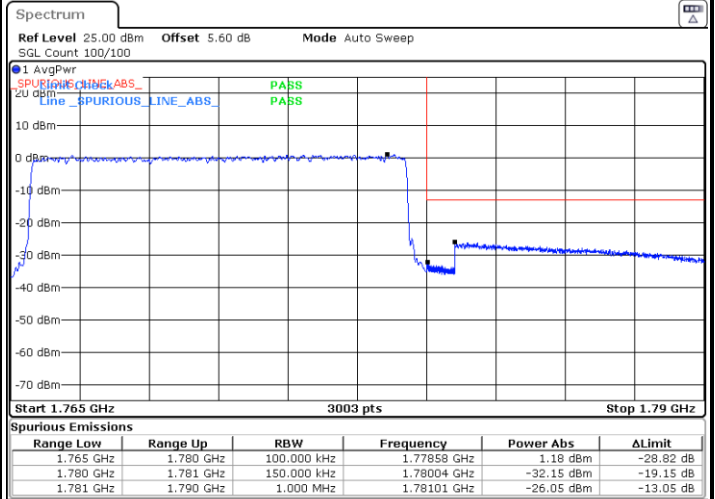
Date: 31.MAY.2024 02:53:01

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:26:20

Highest Band Edge / Full RB



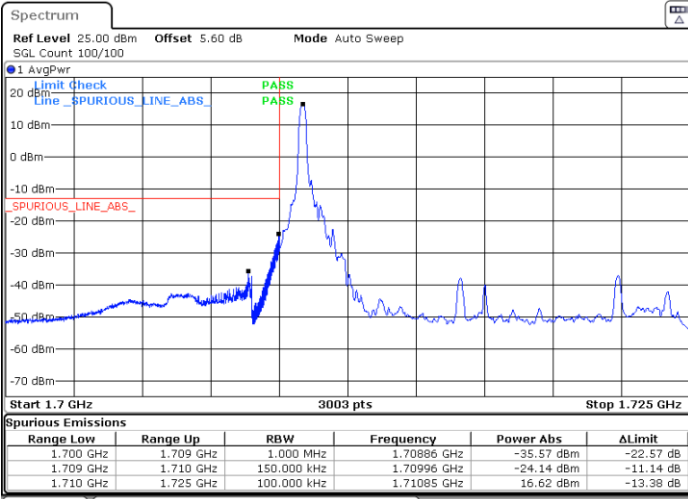
Date: 31.MAY.2024 02:53:47



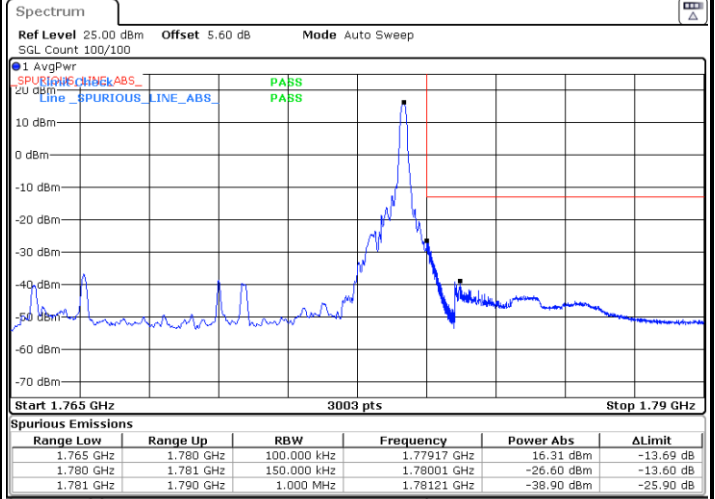
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



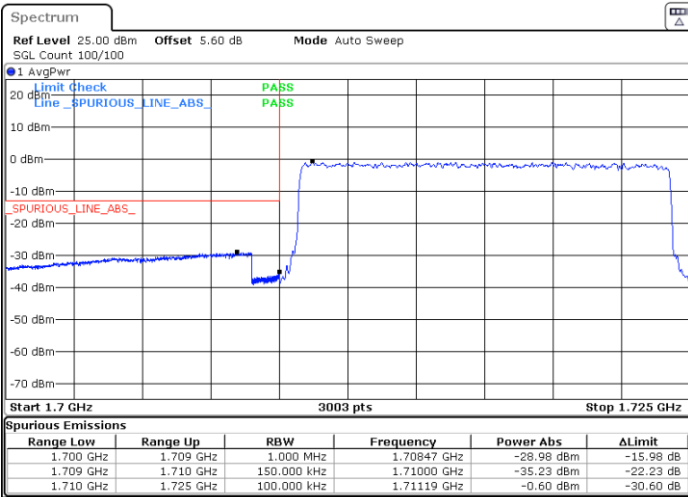
Date: 31.MAY.2024 02:25:47



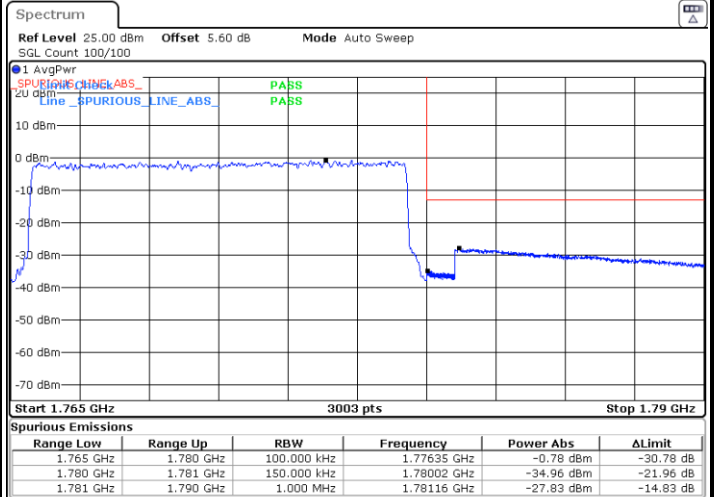
Date: 31.MAY.2024 02:53:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 02:26:04

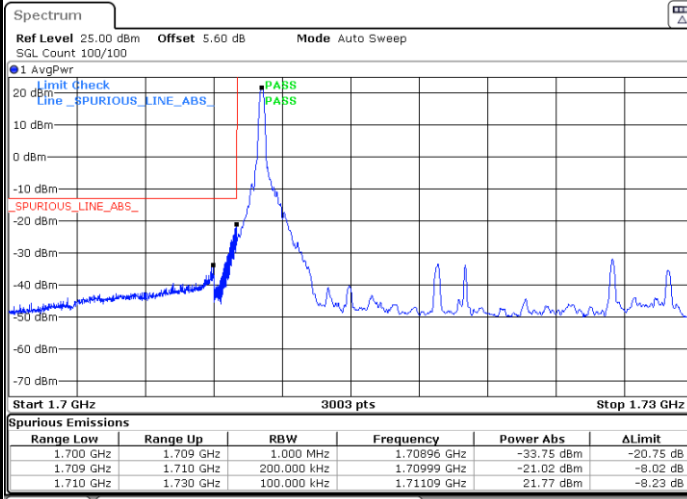


Date: 31.MAY.2024 02:53:33



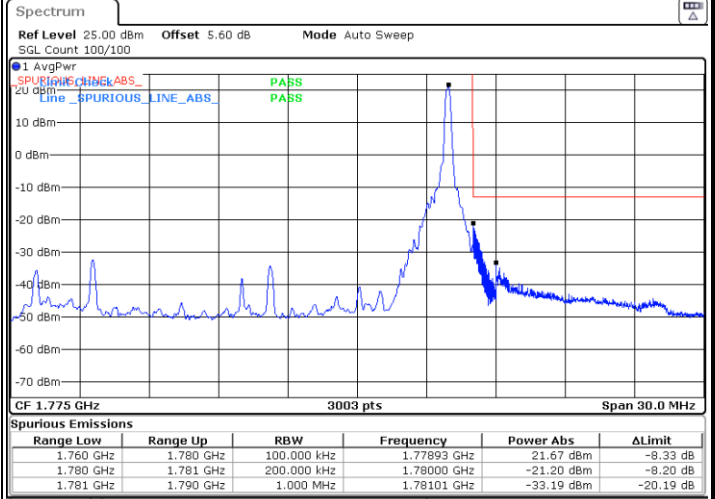
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



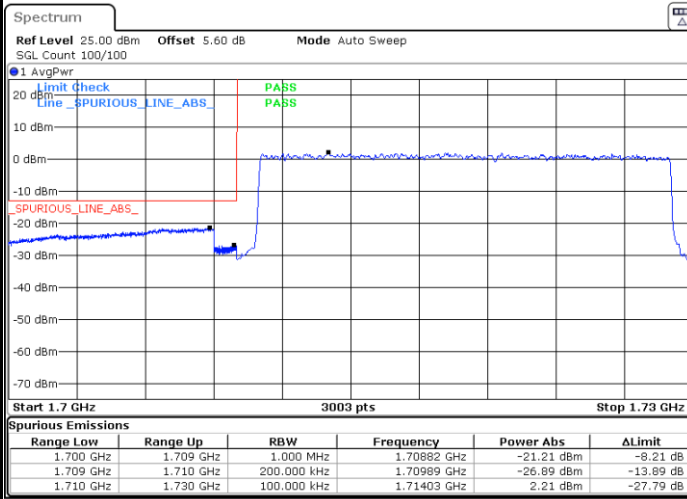
Date: 31.MAY.2024 02:58:11

Highest Band Edge / 1 RB



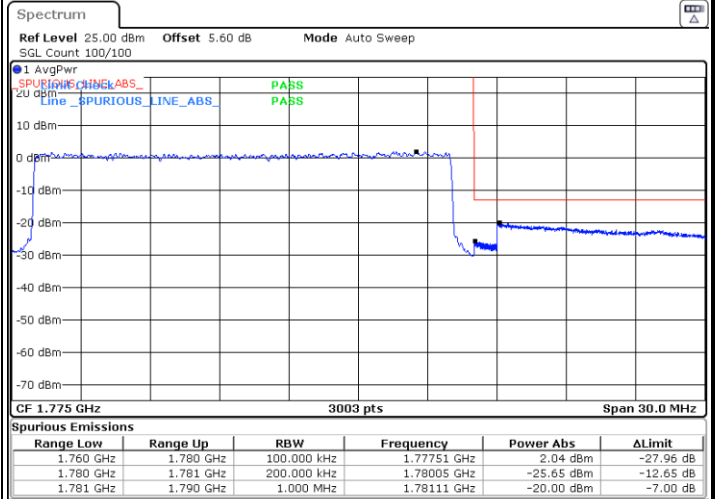
Date: 31.MAY.2024 03:11:23

Lowest Band Edge / Full RB



Date: 31.MAY.2024 03:00:34

Highest Band Edge / Full RB

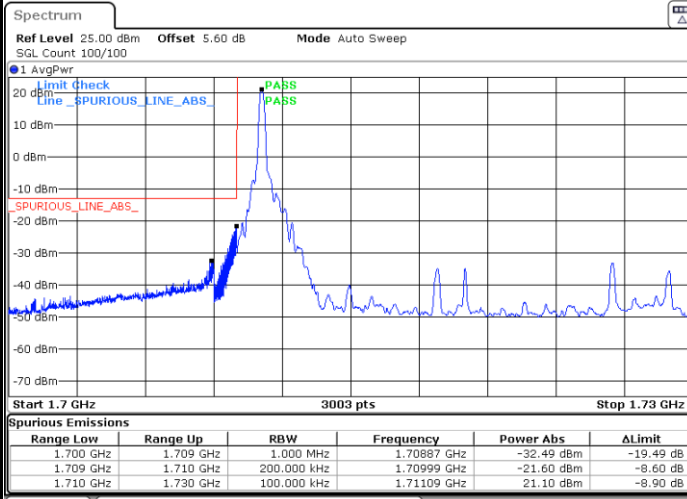


Date: 31.MAY.2024 03:12:57



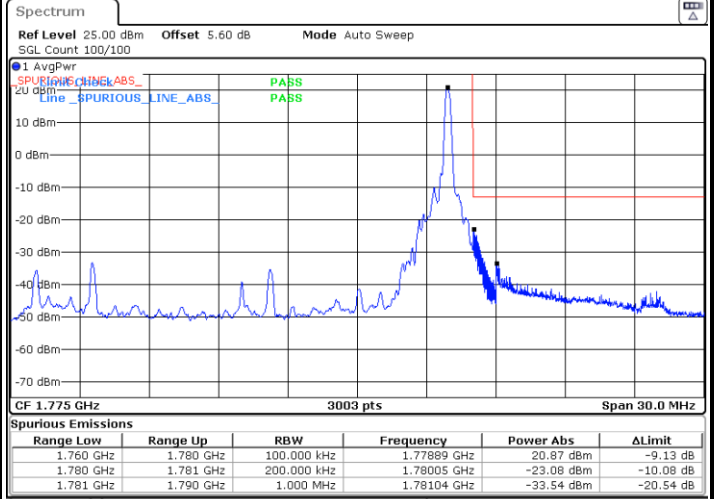
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



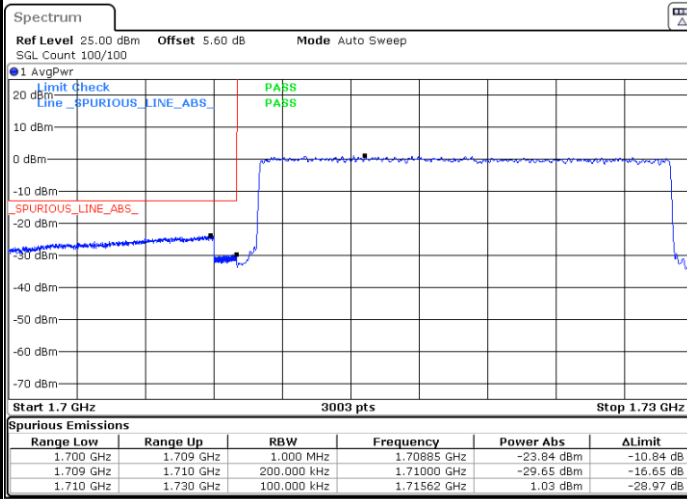
Date: 31.MAY.2024 02:58:26

Highest Band Edge / 1 RB



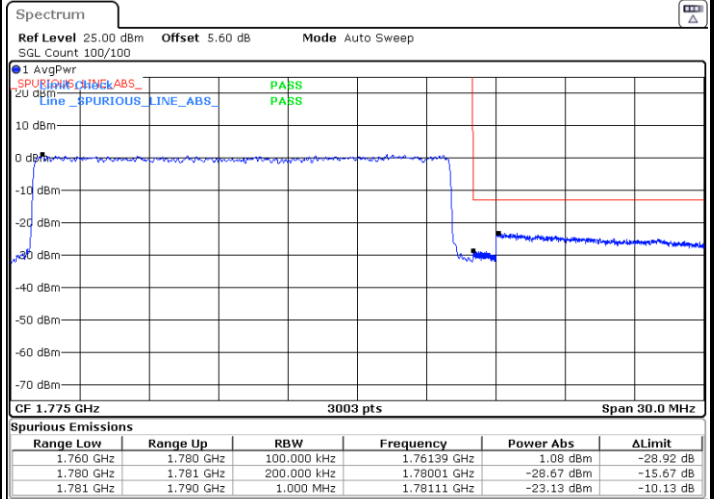
Date: 31.MAY.2024 03:11:35

Lowest Band Edge / Full RB



Date: 31.MAY.2024 03:00:18

Highest Band Edge / Full RB



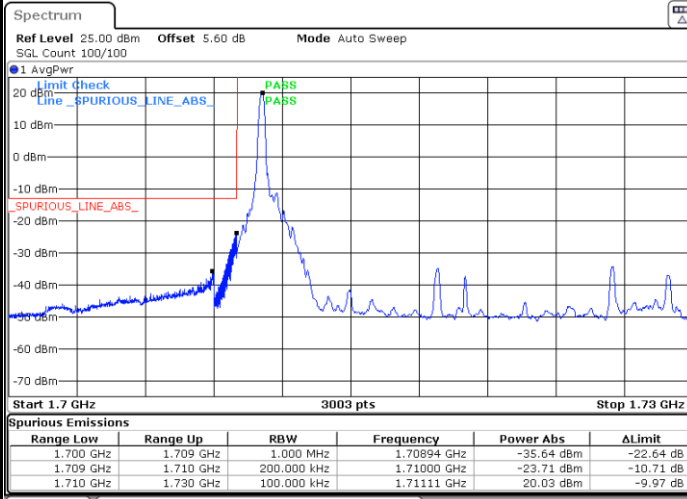
Date: 31.MAY.2024 03:12:45





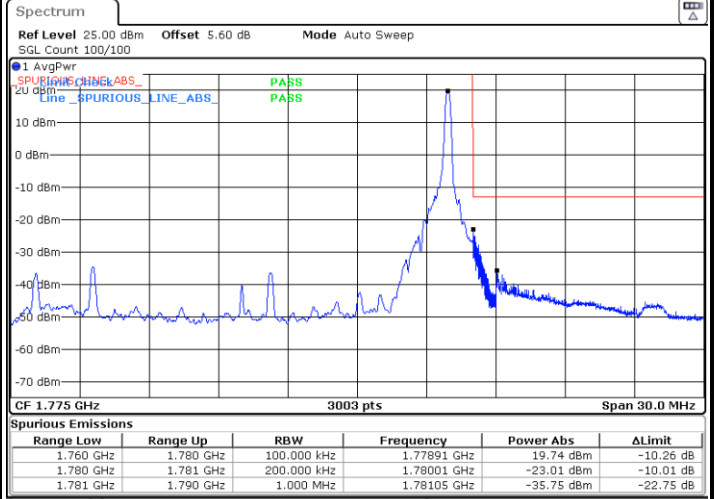
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



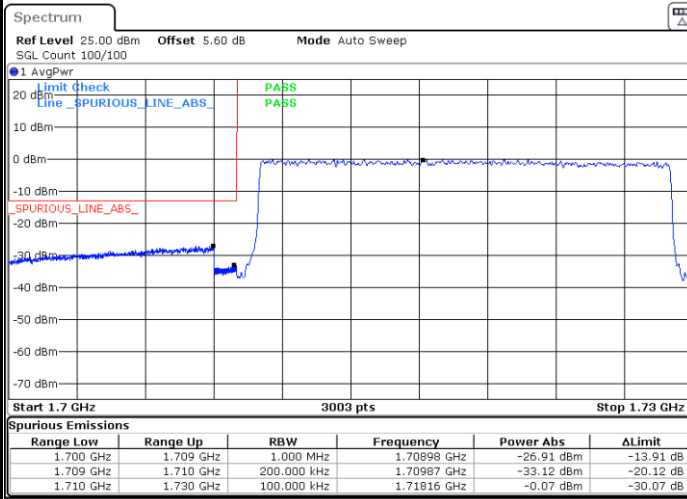
Date: 31.MAY.2024 02:58:42

Highest Band Edge / 1 RB



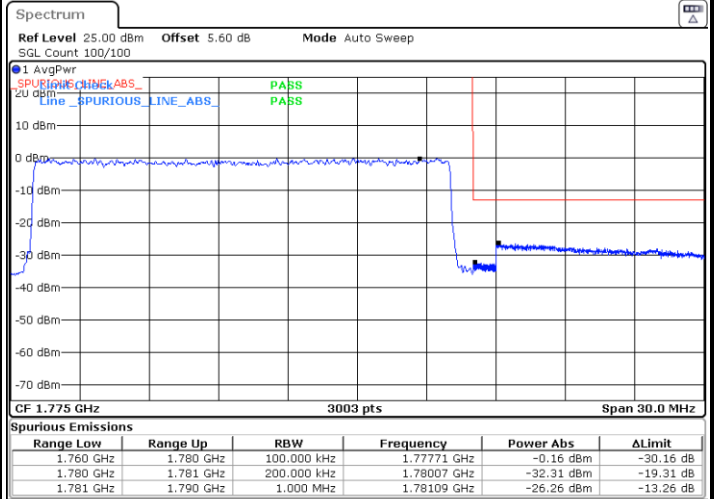
Date: 31.MAY.2024 03:11:47

Lowest Band Edge / Full RB



Date: 31.MAY.2024 03:00:00

Highest Band Edge / Full RB

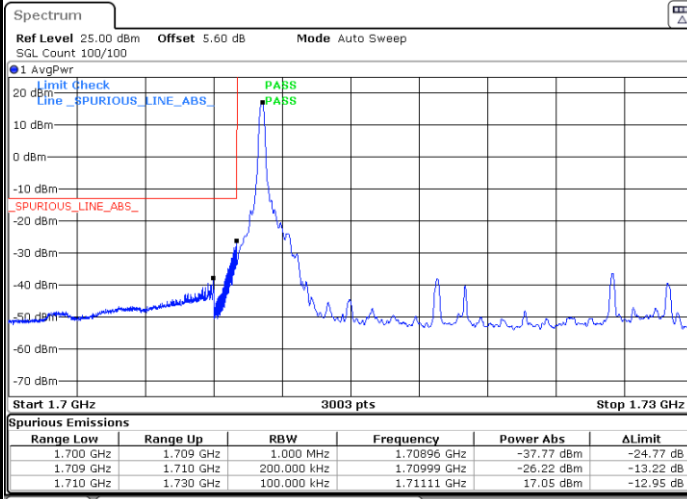


Date: 31.MAY.2024 03:12:34



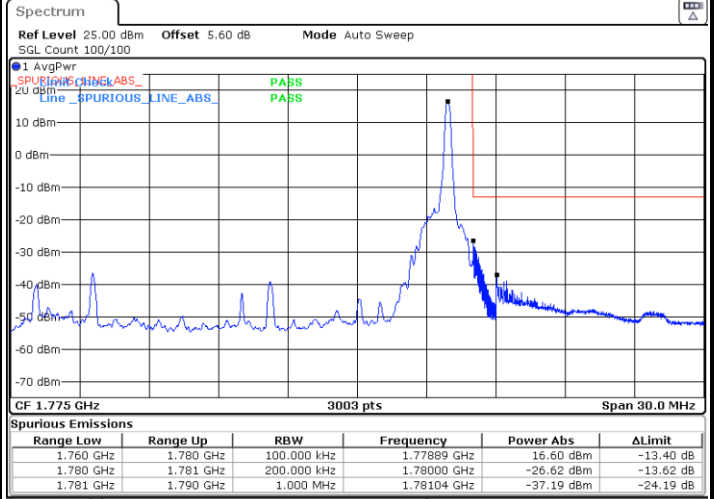
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



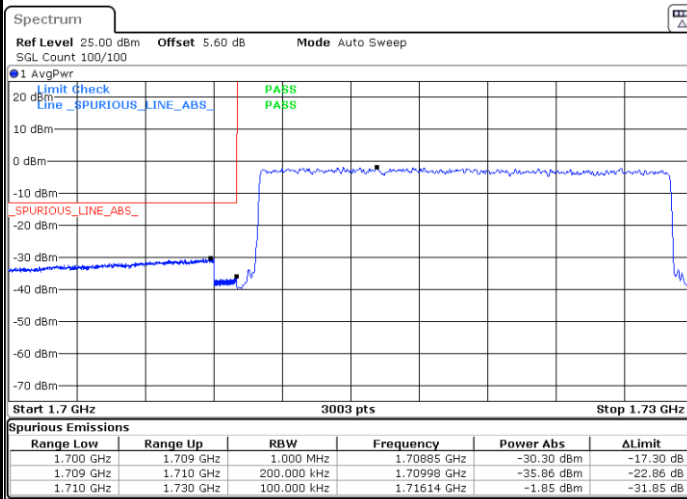
Date: 31.MAY.2024 02:58:57

Highest Band Edge / 1 RB



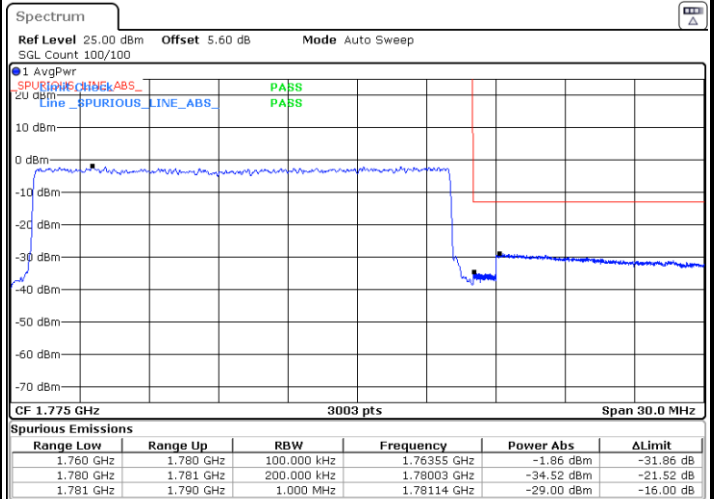
Date: 31.MAY.2024 03:12:00

Lowest Band Edge / Full RB



Date: 31.MAY.2024 02:59:30

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:12:16

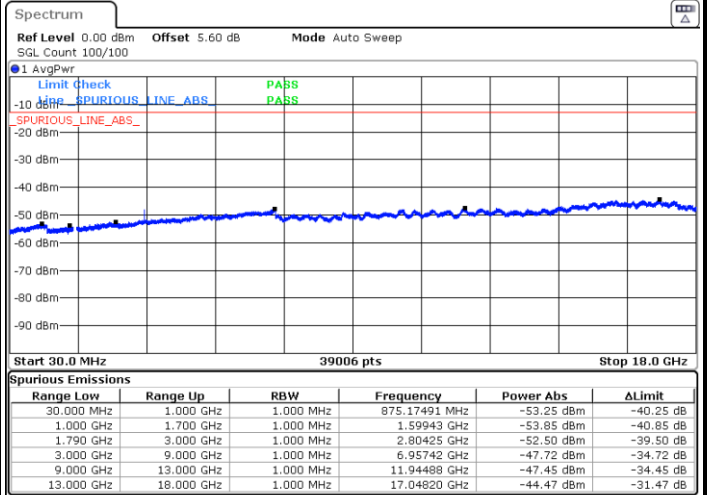
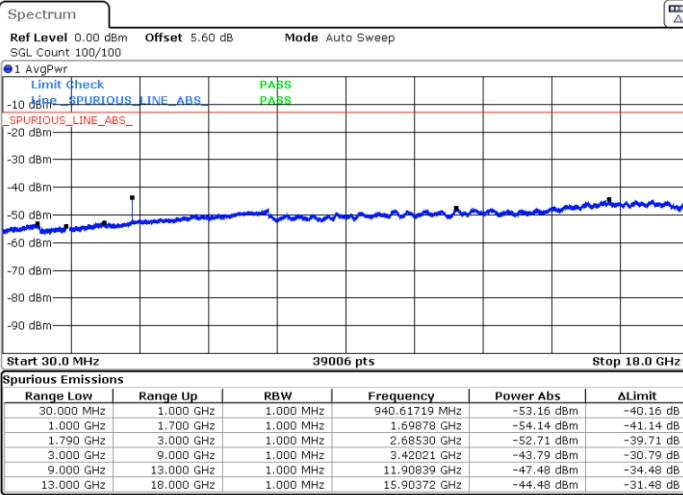


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

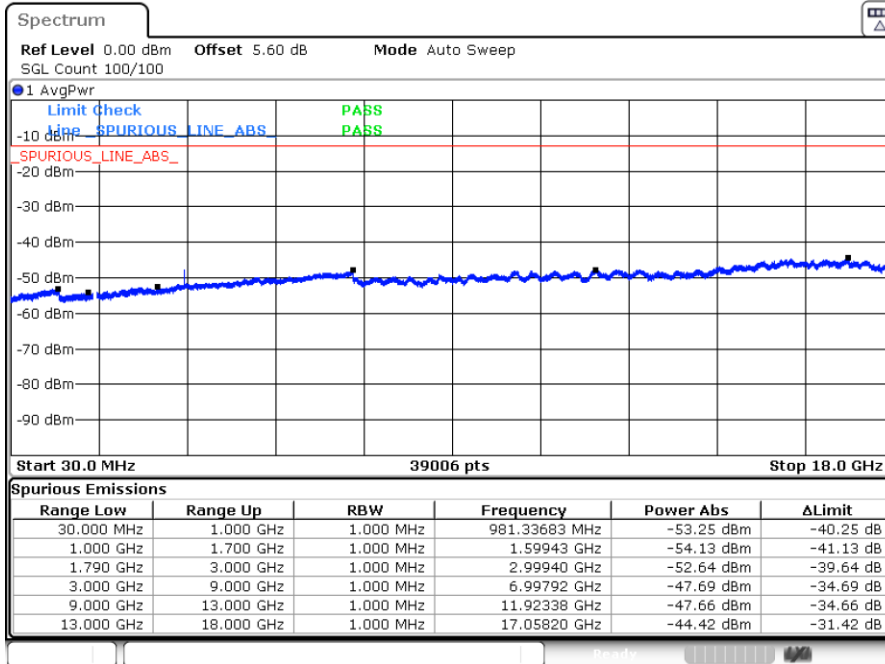
### Middle Channel / QPSK



Date: 31.MAY.2024 00:17:27

Date: 31.MAY.2024 01:30:39

### Highest Channel / QPSK



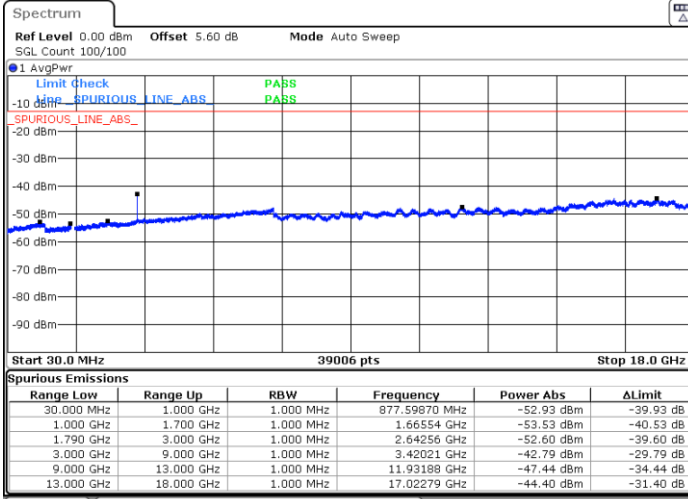
Date: 31.MAY.2024 01:29:25



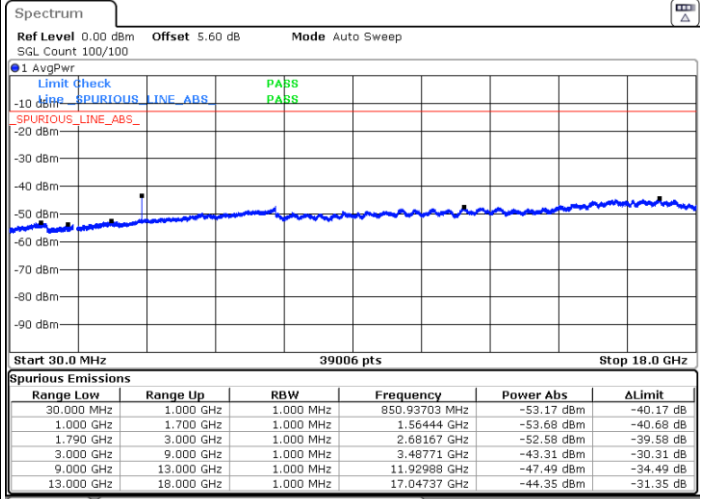
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

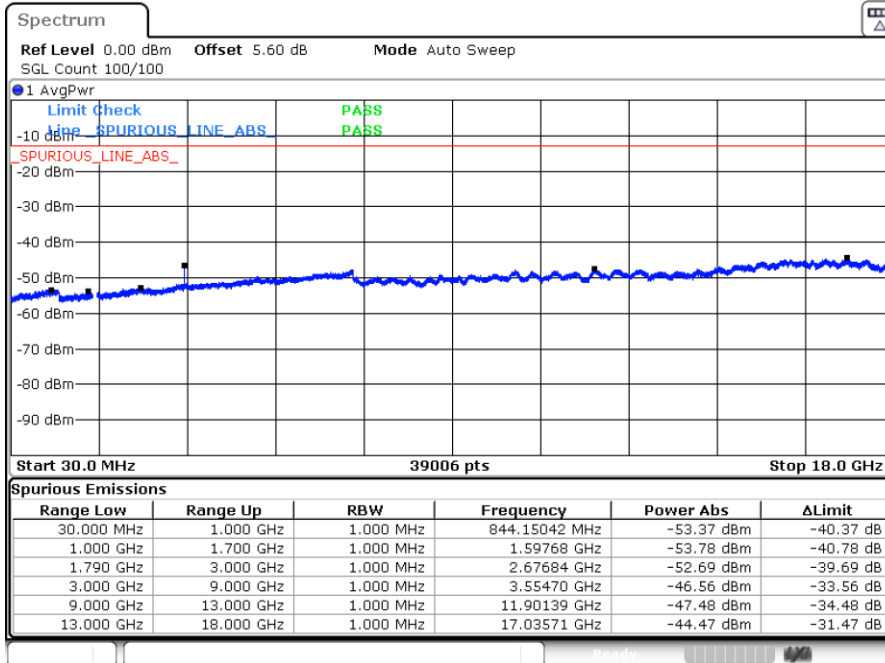


Date: 31.MAY.2024 01:36:19



Date: 31.MAY.2024 01:32:55

Highest Channel / QPSK



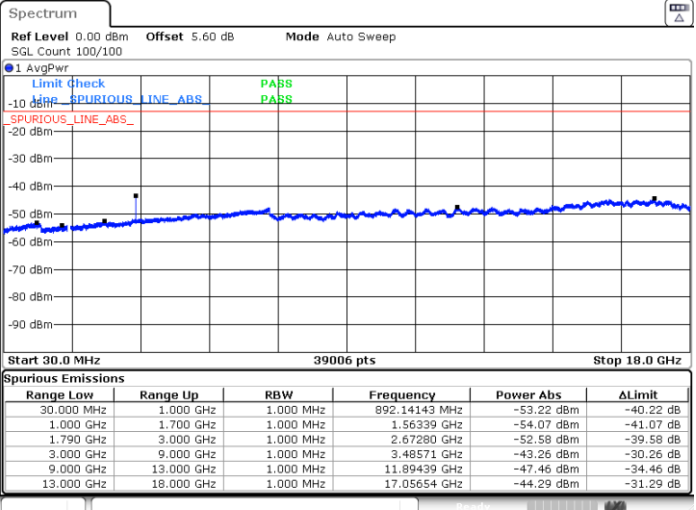
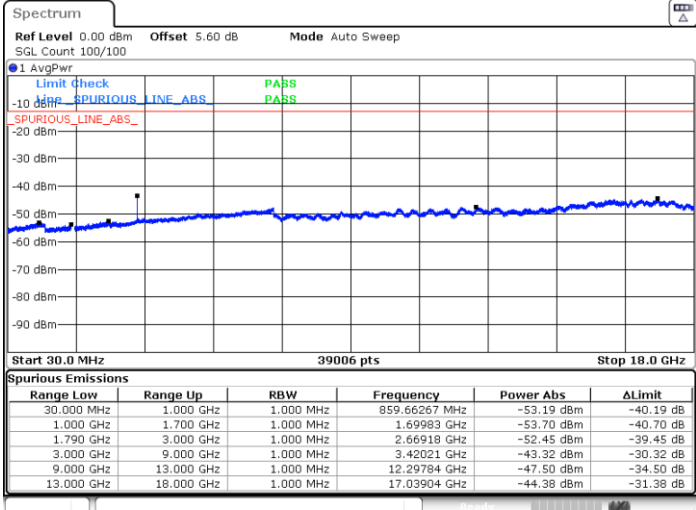
Date: 31.MAY.2024 01:49:27



LTE Band 66 / 5MHz

Lowest Channel / QPSK

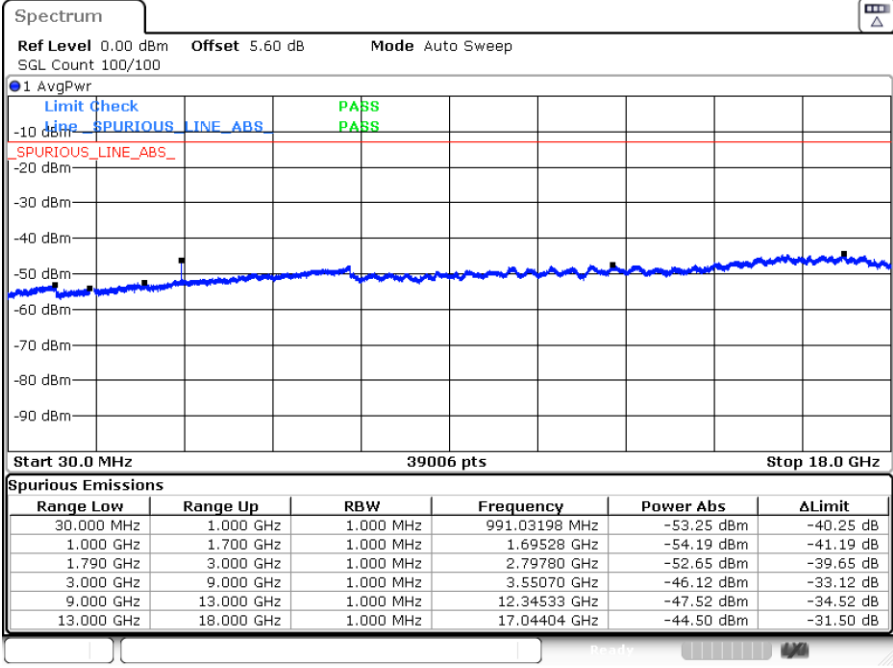
Middle Channel / QPSK



Date: 31.MAY.2024 01:51:52

Date: 31.MAY.2024 01:59:21

Highest Channel / QPSK



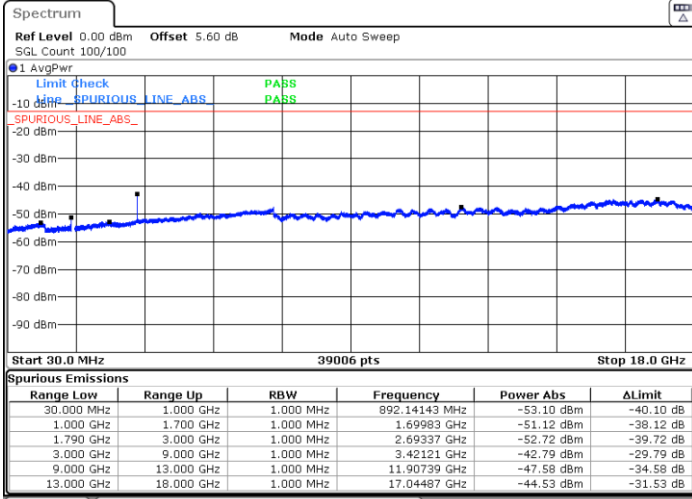
Date: 31.MAY.2024 02:02:20



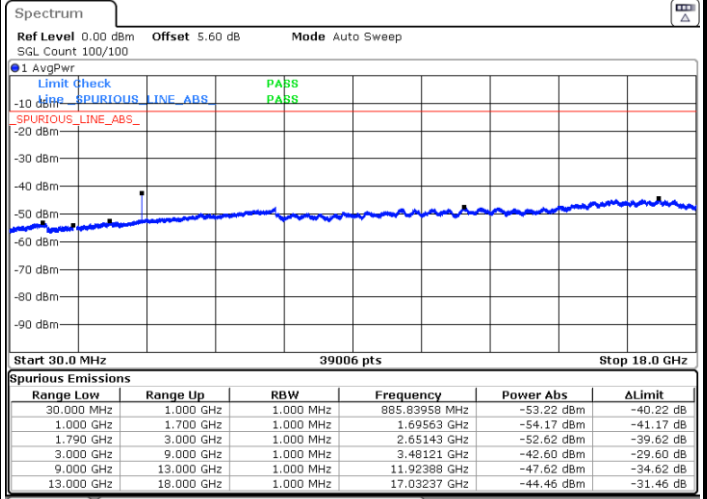
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

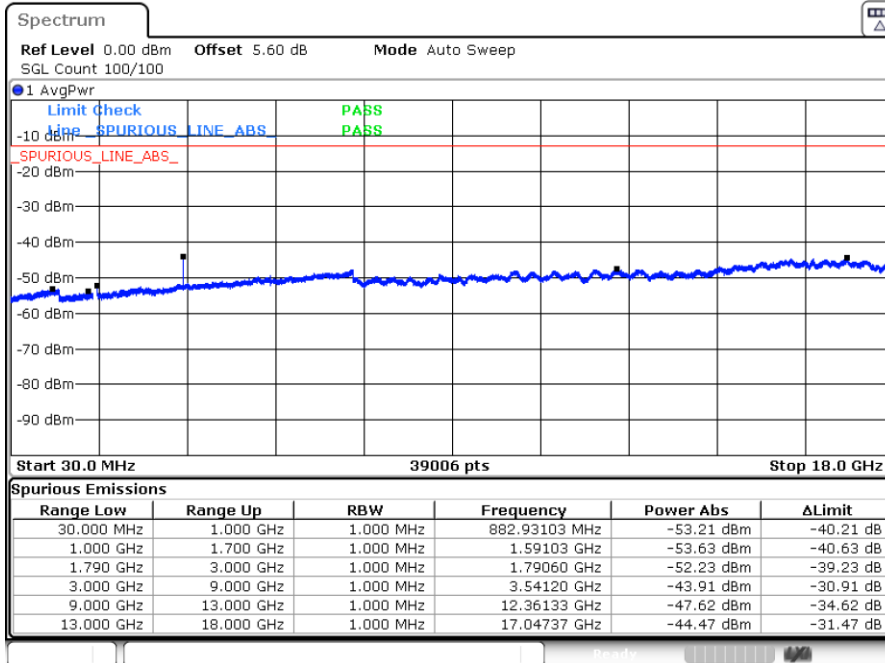


Date: 31.MAY.2024 02:12:15



Date: 31.MAY.2024 02:14:32

Highest Channel / QPSK



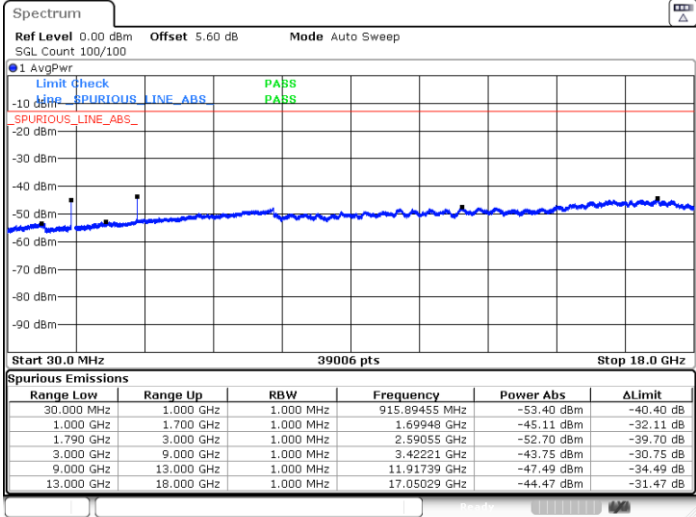
Date: 31.MAY.2024 02:21:40



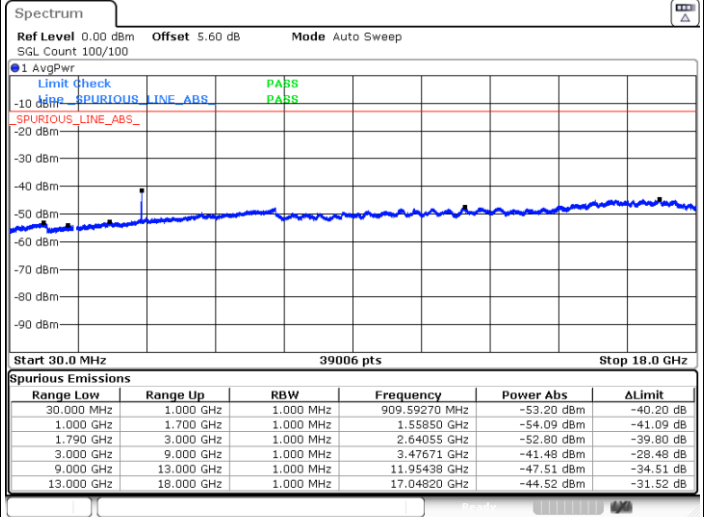
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

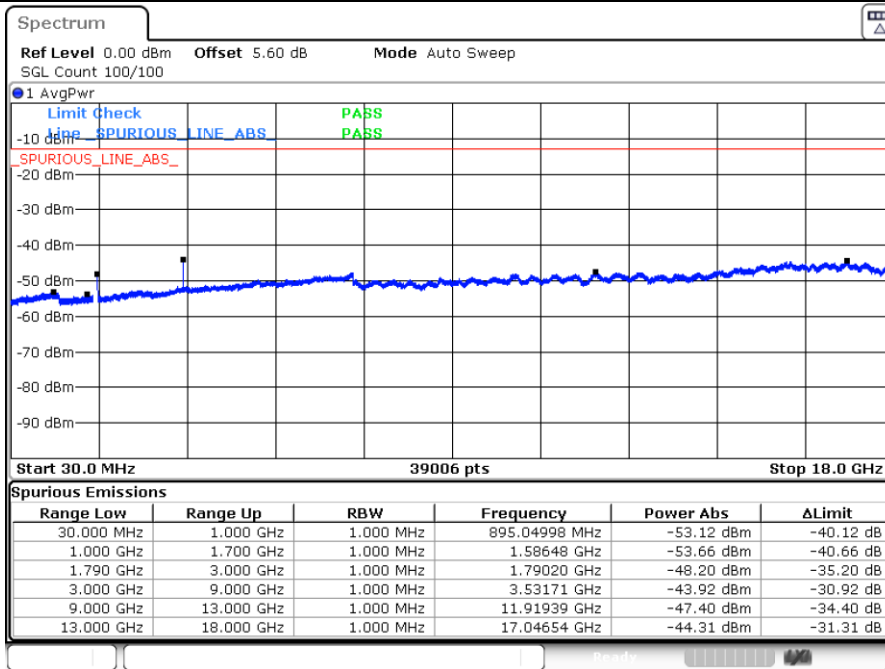


Date: 31.MAY.2024 02:24:18



Date: 31.MAY.2024 02:48:52

Highest Channel / QPSK



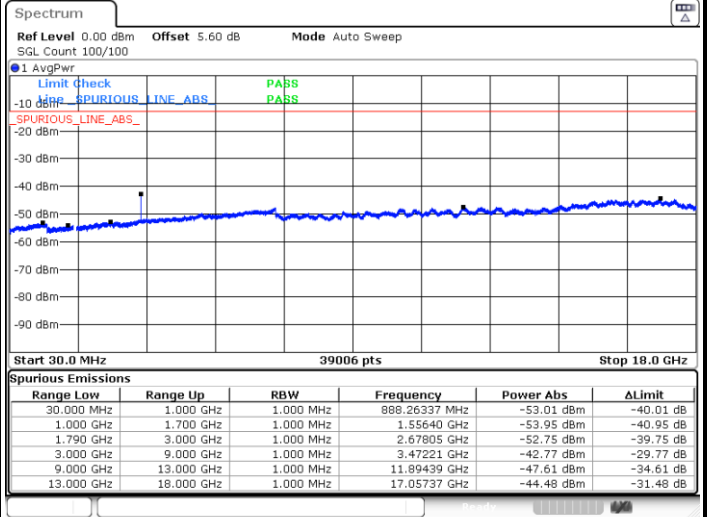
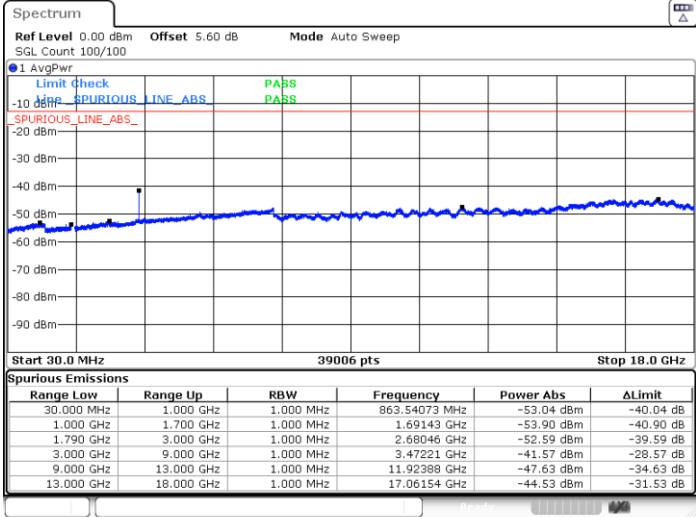
Date: 31.MAY.2024 02:52:08



LTE Band 66 / 20MHz

Lowest Channel / QPSK

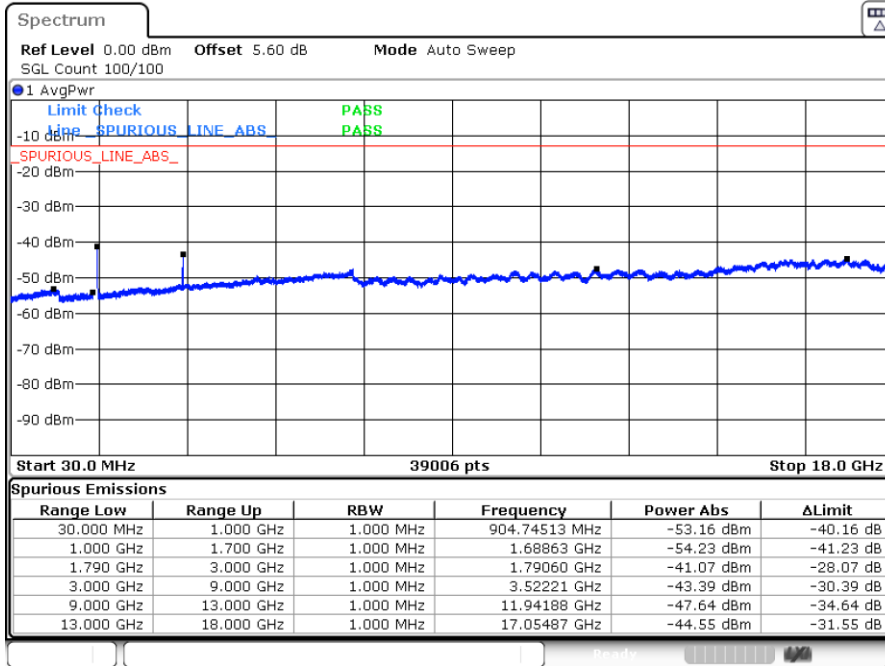
Middle Channel / QPSK



Date: 31.MAY.2024 03:03:20

Date: 31.MAY.2024 03:06:05

Highest Channel / QPSK



Date: 31.MAY.2024 03:11:05





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	0.0024	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 2 / 20MHz / QPSK for Ant.4								
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	3735	-57.71	-13	-44.71	-69.97	2.64	14.90	H
	5610	-56.13	-13	-43.13	-67.99	2.94	14.80	H
	7485	-54.12	-13	-41.12	-63.89	3.39	13.16	H
	3735	-57.01	-13	-44.01	-69.27	2.64	14.90	V
	5610	-55.90	-13	-42.90	-67.76	2.94	14.80	V
	7485	-54.04	-13	-41.04	-63.81	3.39	13.16	V

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

LTE Band 12 / 10MHz / QPSK for Ant.0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-66.11	-13	-53.11	-73.08	1.58	10.70	H
	2112	-60.71	-13	-47.71	-68.96	2.102	12.50	H
	2816	-58.14	-13	-45.14	-67.03	2.856	13.90	H
	1408	-66.07	-13	-53.07	-73.04	1.58	10.70	V
	2112	-59.90	-13	-46.90	-68.15	2.10	12.50	V
	2816	-57.38	-13	-44.38	-66.27	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK for Ant.0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-65.13	-42.15	-22.98	-67.76	1.09	5.87	H
	2336	-59.82	-13	-46.82	-62.22	1.37	5.92	H
	3120	-58.96	-13	-45.96	-62.85	1.64	7.68	H
	1560	-64.57	-42.15	-22.42	-67.20	1.09	5.87	V
	2336	-58.22	-13	-45.22	-60.62	1.37	5.92	V
	3120	-58.61	-13	-45.61	-62.50	1.64	7.68	V

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



LTE Band 13 / 10MHz / QPSK for Ant.0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-65.57	-13	-52.57	-68.20	1.09	5.87	H
	2336	-59.77	-13	-46.77	-62.17	1.37	5.92	H
	3112	-59.55	-13	-46.55	-63.44	1.64	7.68	H
	1552	-64.43	-13	-51.43	-67.06	1.09	5.87	V
	2336	-58.43	-13	-45.43	-60.83	1.37	5.92	V
	3112	-58.98	-13	-45.98	-62.87	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK for Ant.0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-63.50	-13	-50.50	-70.47	1.58	10.70	H
	2488	-59.68	-13	-46.68	-67.93	2.102	12.50	H
	3320	-58.81	-13	-45.81	-67.70	2.856	13.90	H
	1656	-62.68	-13	-49.68	-69.65	1.58	10.70	V
	2488	-57.39	-13	-44.39	-65.64	2.10	12.50	V
	3320	-58.84	-13	-45.84	-67.73	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK for Ant.1								
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	-57.48	-13	-44.48	-68.22	2.604	13.34	H
	5205	-55.94	-13	-42.94	-66.45	3.011	13.52	H
	6945	-55.95	-13	-42.95	-66.15	3.271	13.47	H
	3465	-58.07	-13	-45.07	-68.81	2.604	13.34	V
	5205	-56.16	-13	-43.16	-66.67	3.011	13.52	V
	6945	-56.21	-13	-43.21	-66.41	3.271	13.47	V

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