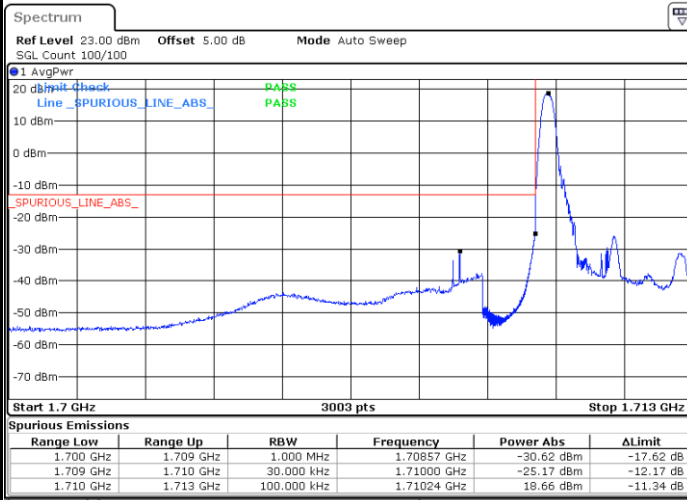




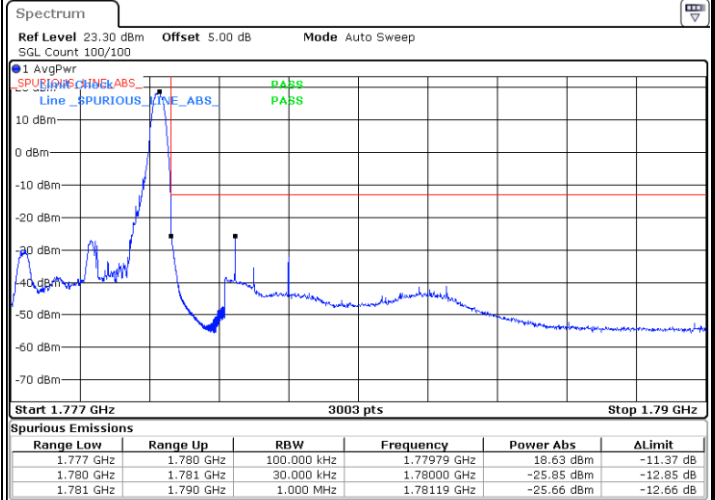
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



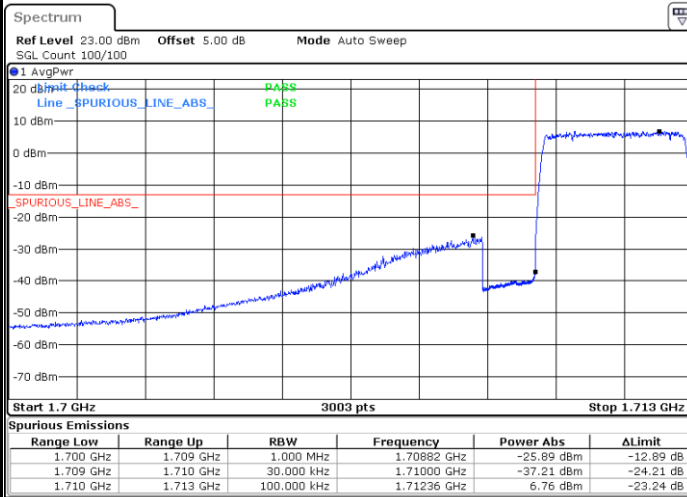
Date: 16.DEC.2020 03:43:47

Highest Band Edge / 1 RB



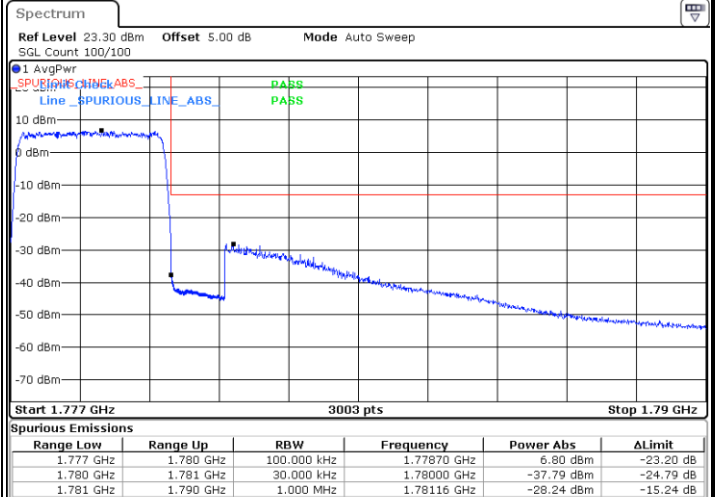
Date: 16.DEC.2020 03:50:39

Lowest Band Edge / Full RB



Date: 16.DEC.2020 03:40:40

Highest Band Edge / Full RB

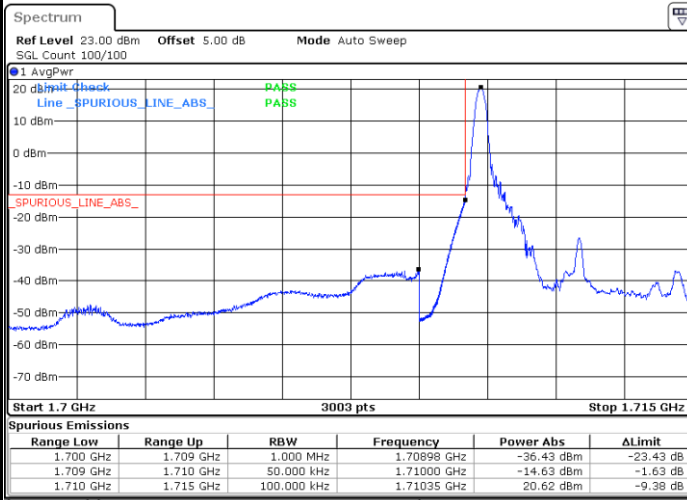


Date: 16.DEC.2020 03:49:35



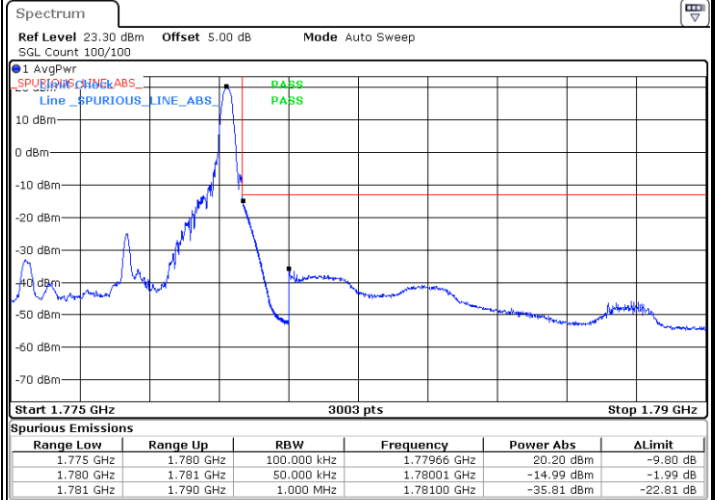
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



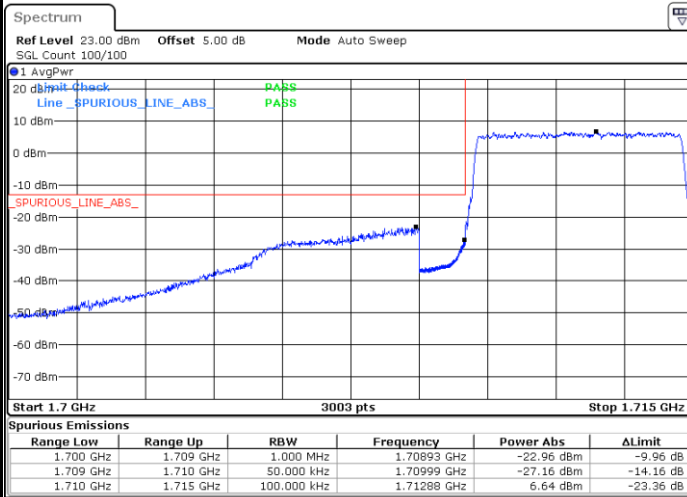
Date: 16.DEC.2020 04:04:31

Highest Band Edge / 1 RB



Date: 16.DEC.2020 04:13:53

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:00:20

Highest Band Edge / Full RB

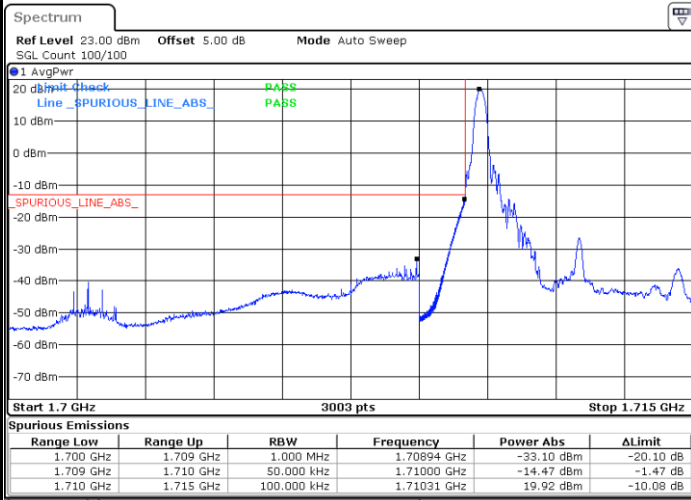


Date: 16.DEC.2020 04:07:20



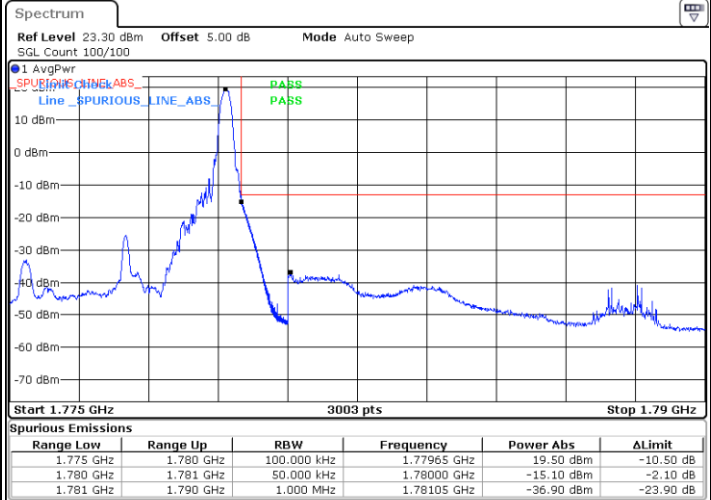
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



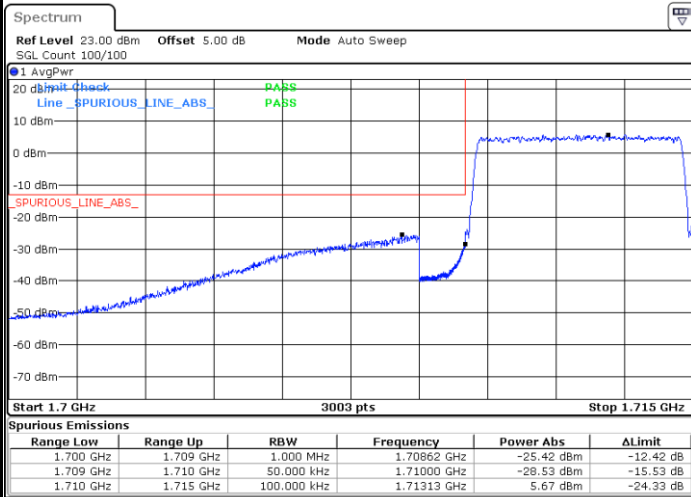
Date: 16.DEC.2020 04:04:00

Highest Band Edge / 1 RB



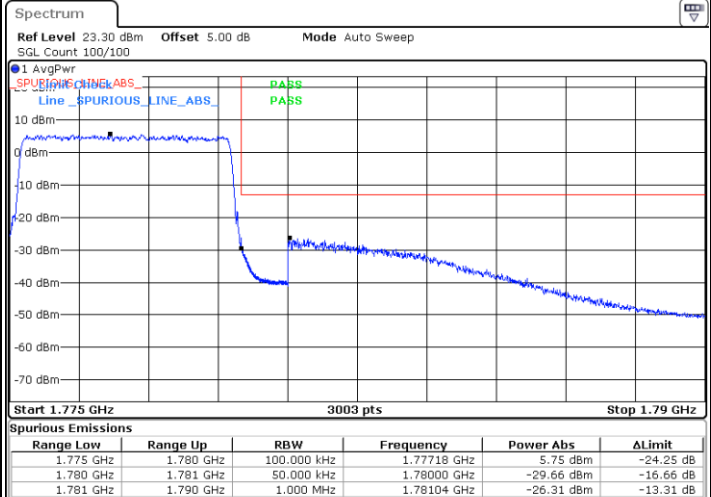
Date: 16.DEC.2020 04:12:24

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:01:57

Highest Band Edge / Full RB

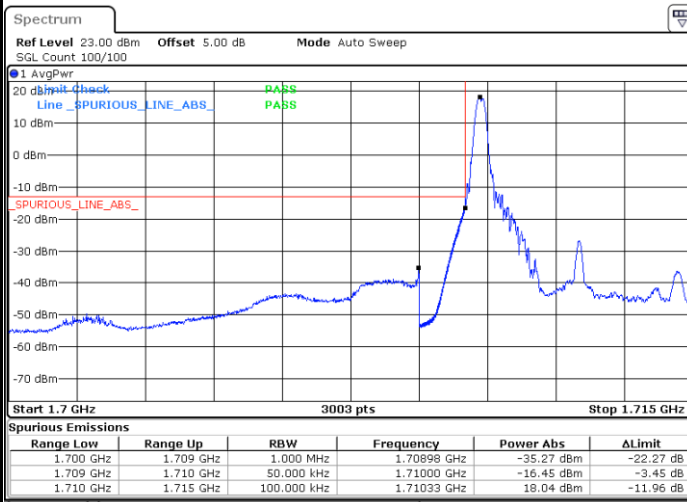


Date: 16.DEC.2020 04:08:35



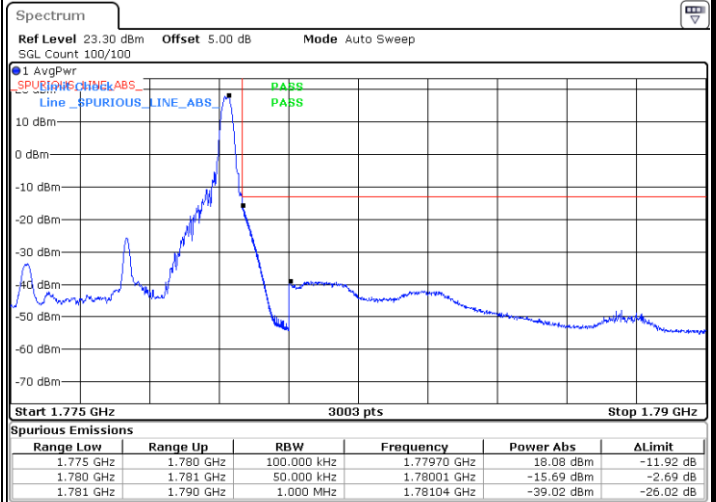
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



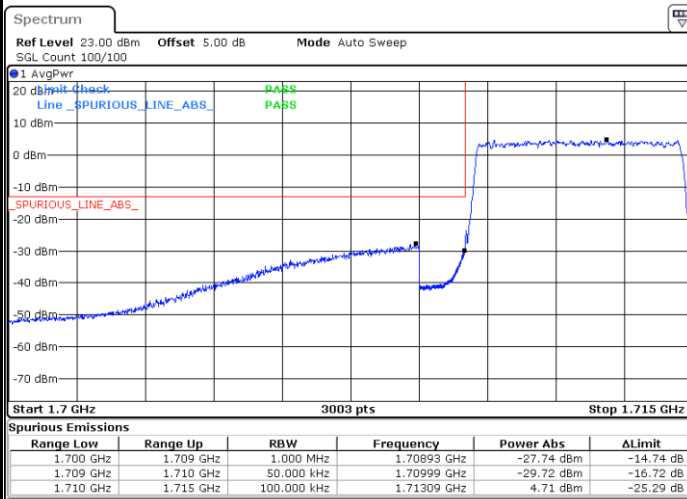
Date: 16.DEC.2020 04:03:36

Highest Band Edge / 1 RB



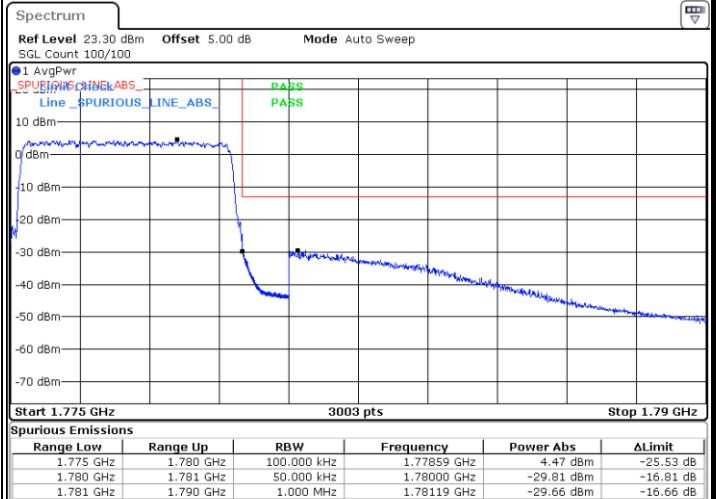
Date: 16.DEC.2020 04:11:20

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:03:10

Highest Band Edge / Full RB

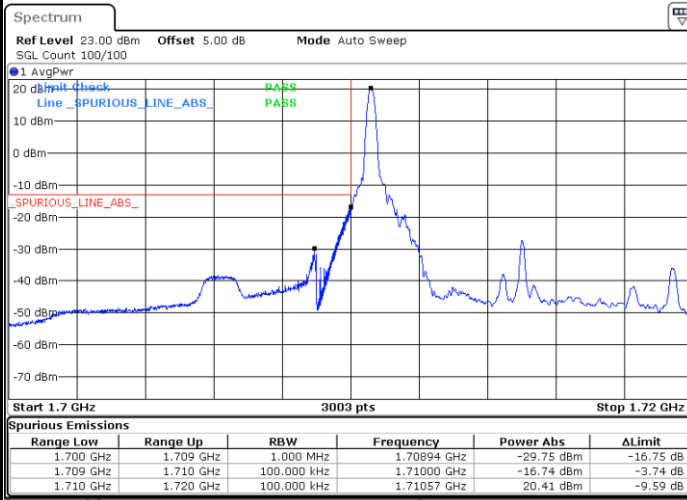


Date: 16.DEC.2020 04:09:53



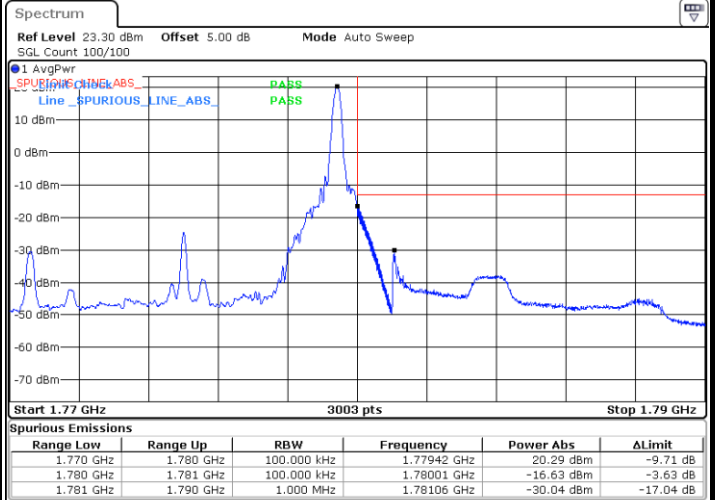
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



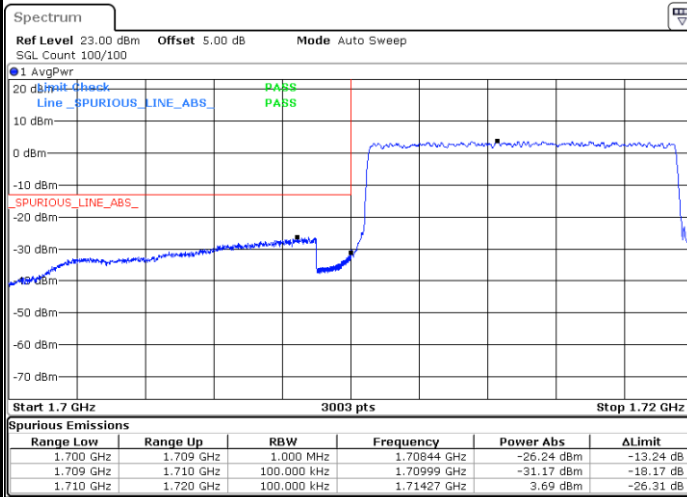
Date: 16.DEC.2020 04:31:27

Highest Band Edge / 1 RB



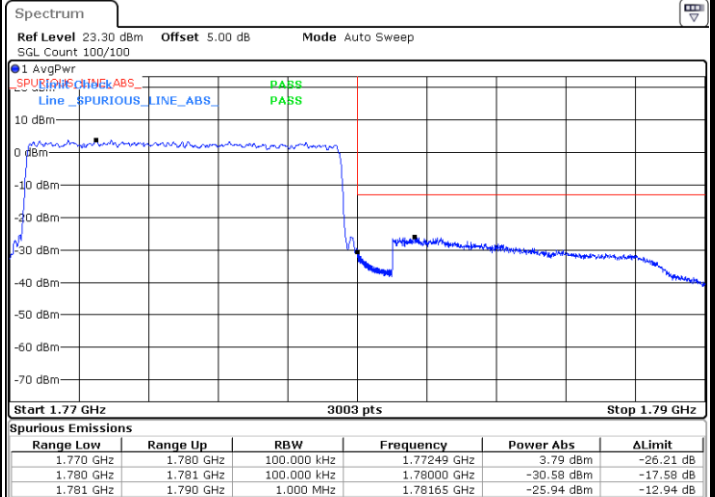
Date: 16.DEC.2020 05:09:34

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:22:16

Highest Band Edge / Full RB

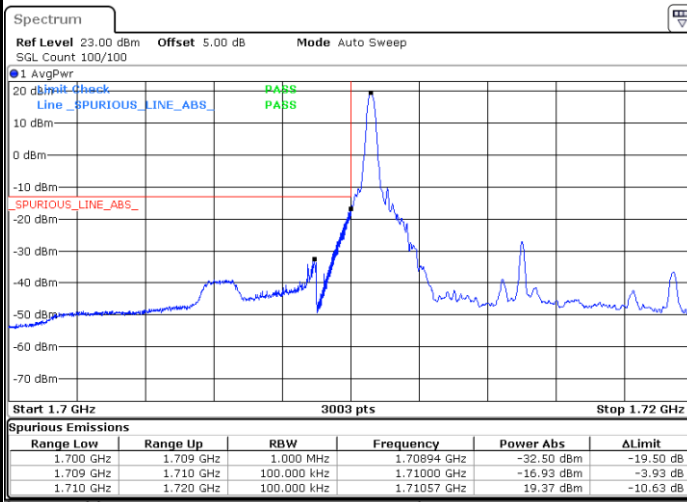


Date: 16.DEC.2020 04:33:14



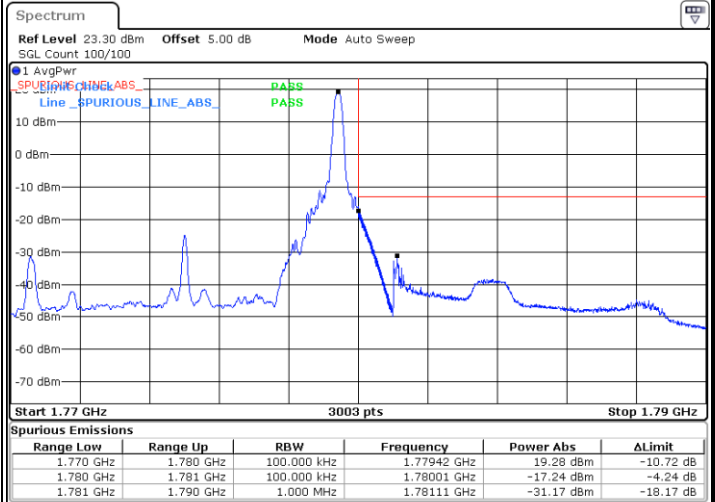
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



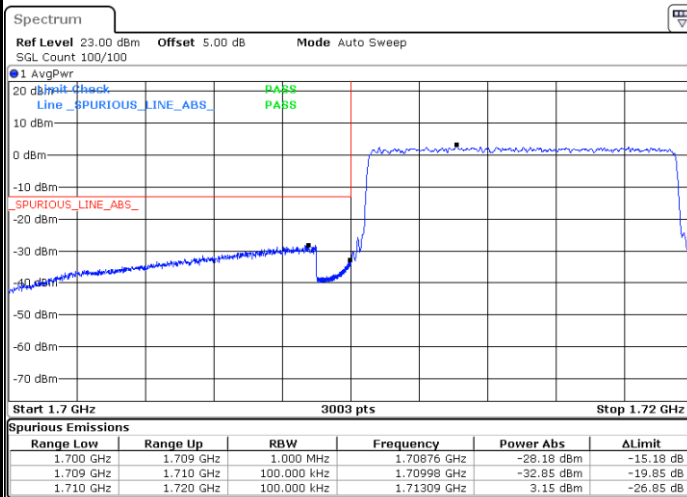
Date: 16.DEC.2020 04:28:29

Highest Band Edge / 1 RB



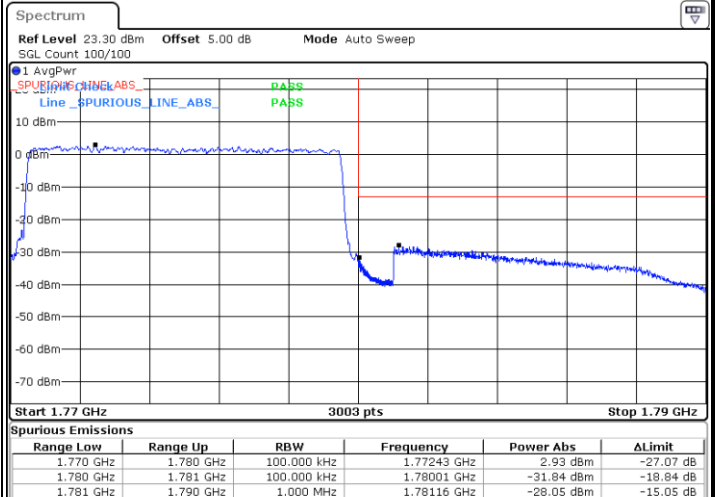
Date: 16.DEC.2020 04:37:27

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:23:28

Highest Band Edge / Full RB

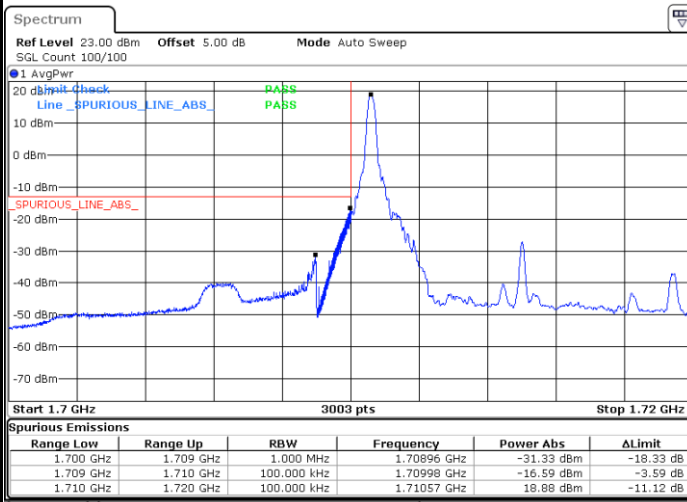


Date: 16.DEC.2020 04:34:37



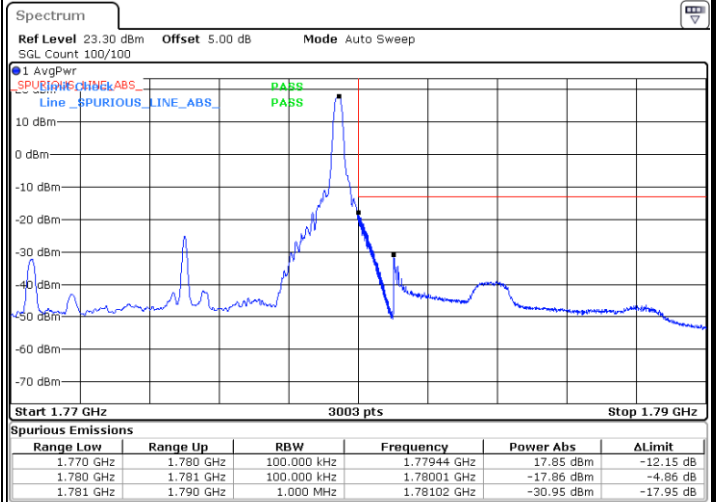
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



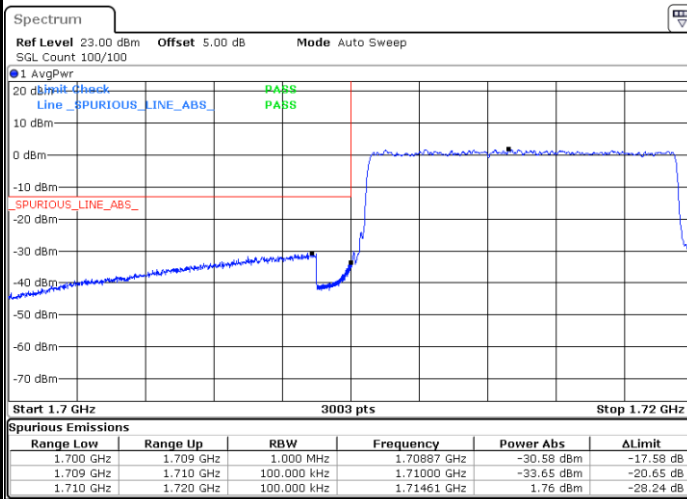
Date: 16.DEC.2020 04:28:00

Highest Band Edge / 1 RB



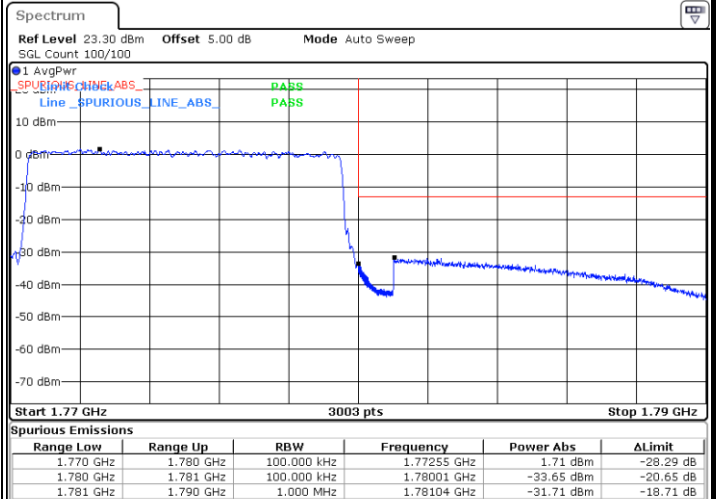
Date: 16.DEC.2020 04:37:05

Lowest Band Edge / Full RB



Date: 16.DEC.2020 04:25:15

Highest Band Edge / Full RB

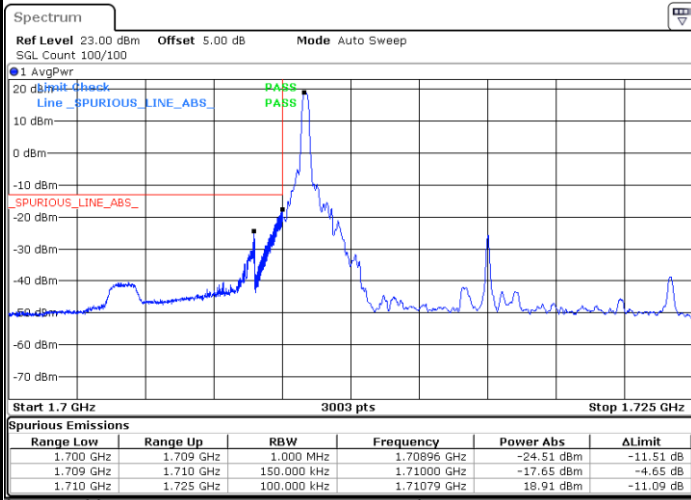


Date: 16.DEC.2020 04:36:08



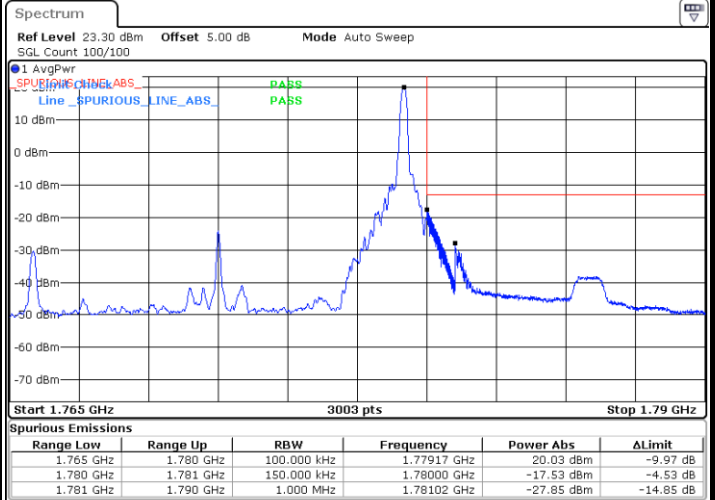
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



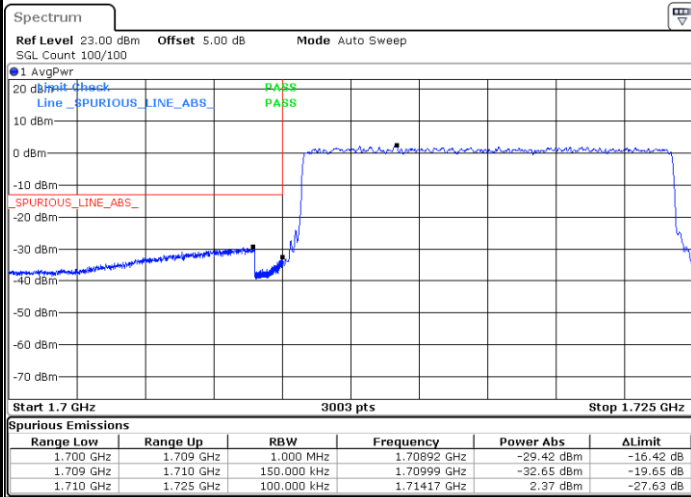
Date: 16.DEC.2020 05:14:51

Highest Band Edge / 1 RB



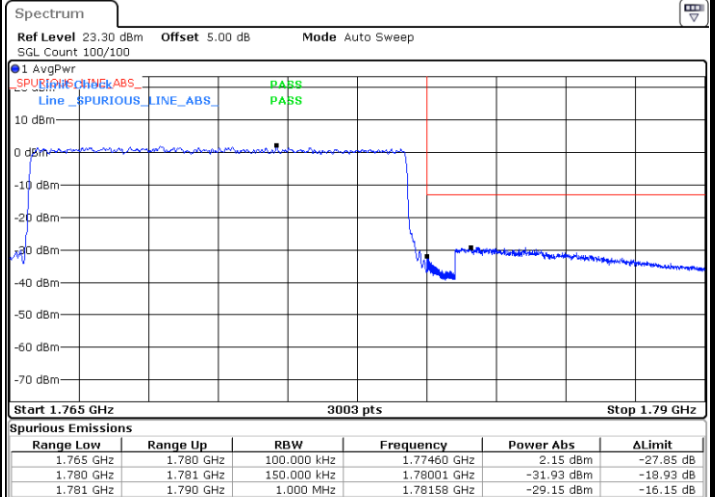
Date: 16.DEC.2020 05:17:15

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:13:26

Highest Band Edge / Full RB



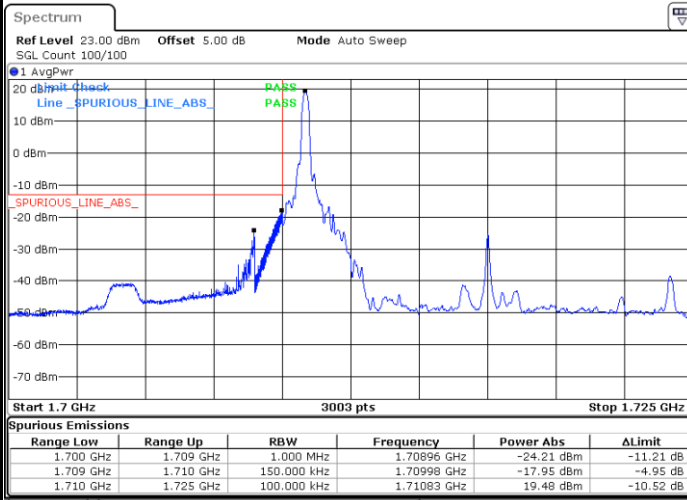
Date: 16.DEC.2020 05:15:41





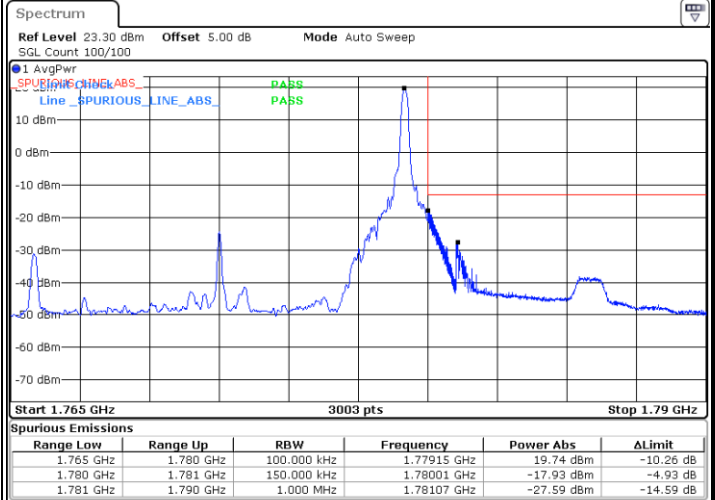
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



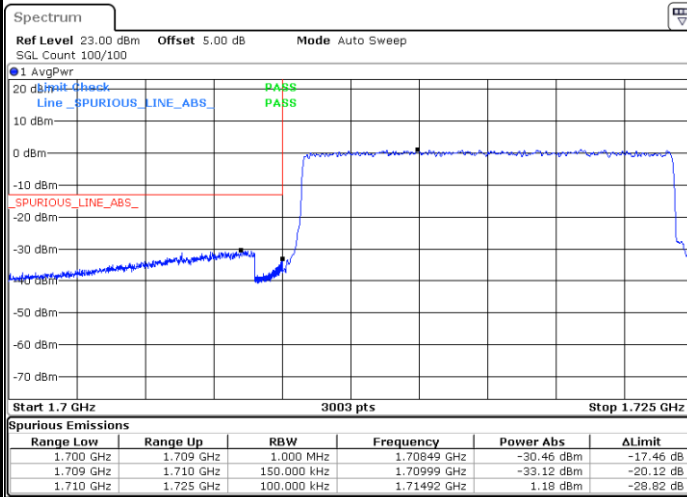
Date: 16.DEC.2020 05:14:37

Highest Band Edge / 1 RB



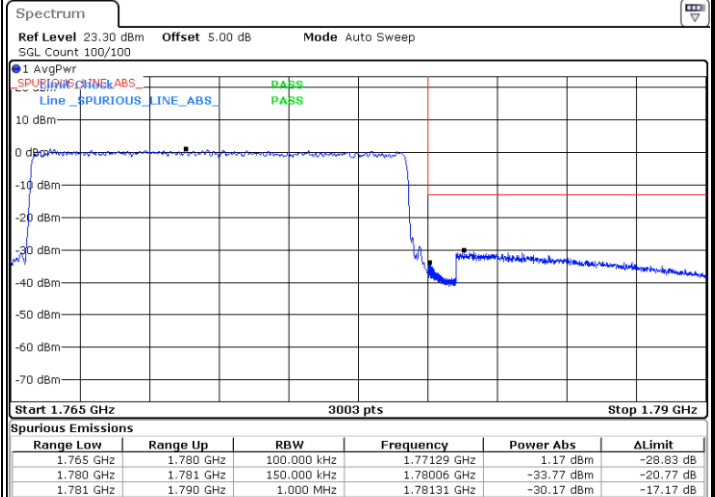
Date: 16.DEC.2020 05:17:02

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:13:45

Highest Band Edge / Full RB

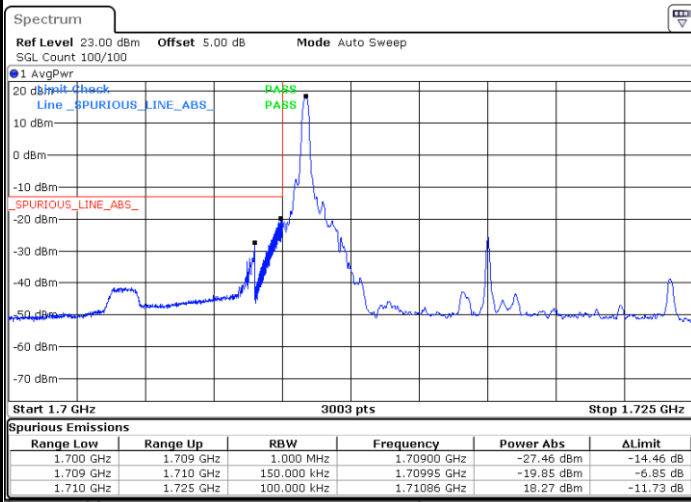


Date: 16.DEC.2020 05:15:56



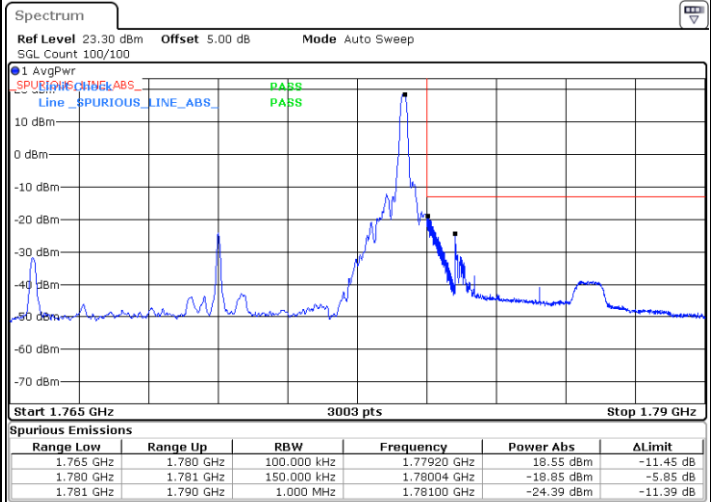
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



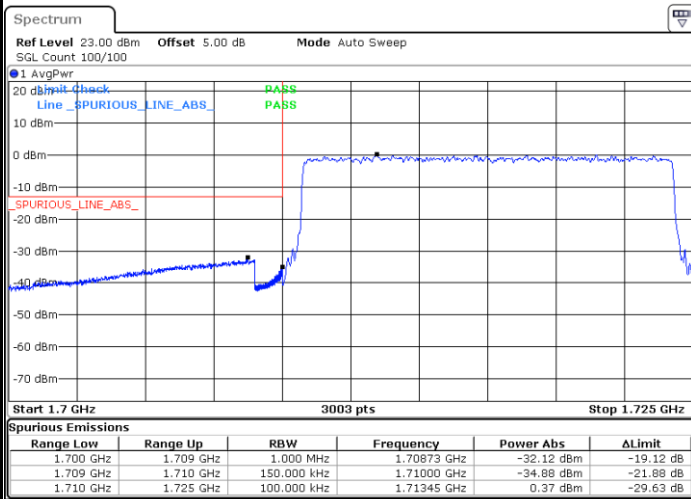
Date: 16.DEC.2020 05:14:21

Highest Band Edge / 1 RB



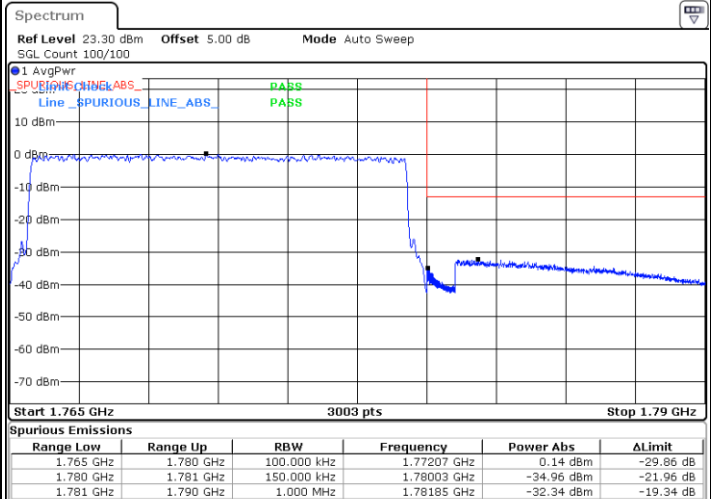
Date: 16.DEC.2020 05:16:42

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:14:05

Highest Band Edge / Full RB

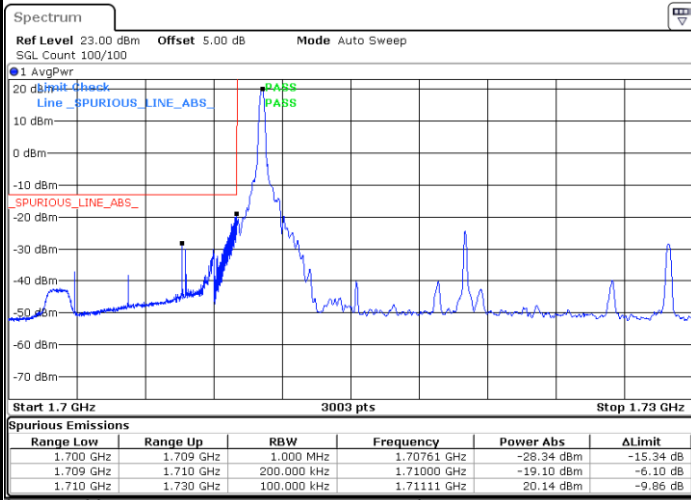


Date: 16.DEC.2020 05:16:11



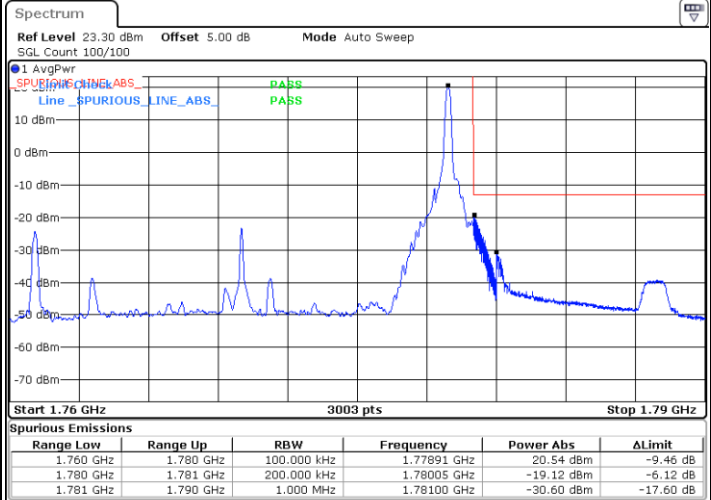
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



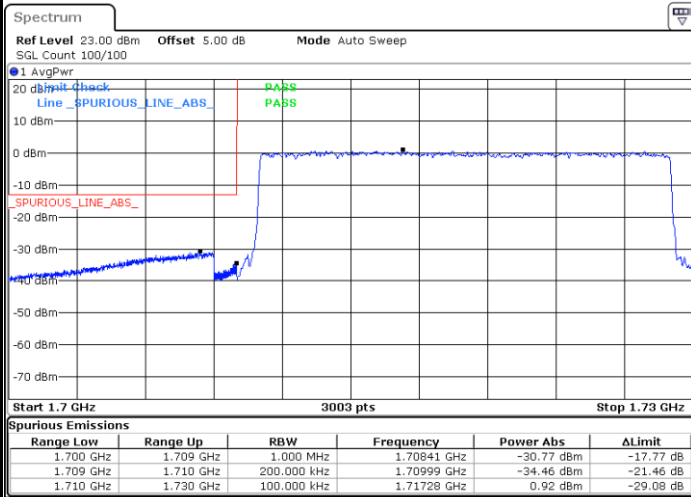
Date: 16.DEC.2020 05:22:32

Highest Band Edge / 1 RB



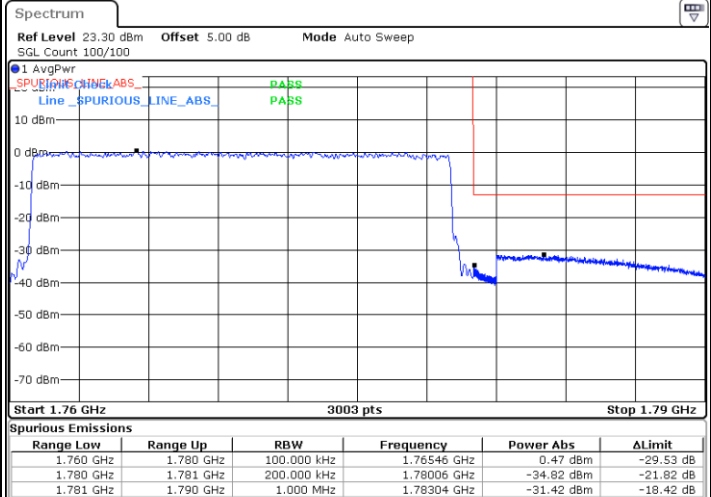
Date: 16.DEC.2020 05:25:14

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:20:51

Highest Band Edge / Full RB

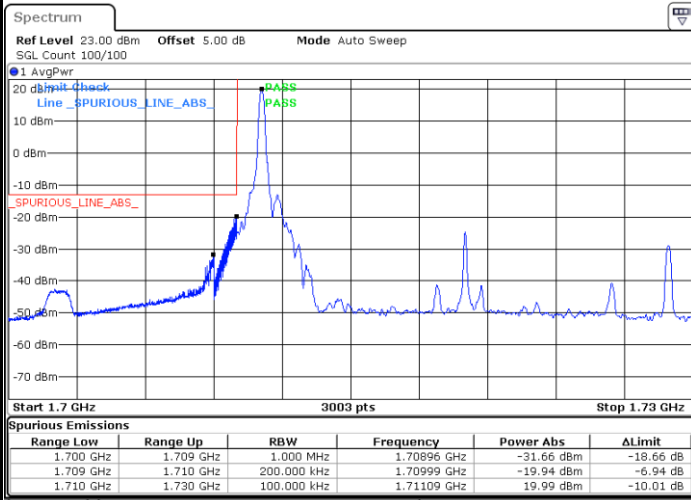


Date: 16.DEC.2020 05:23:11



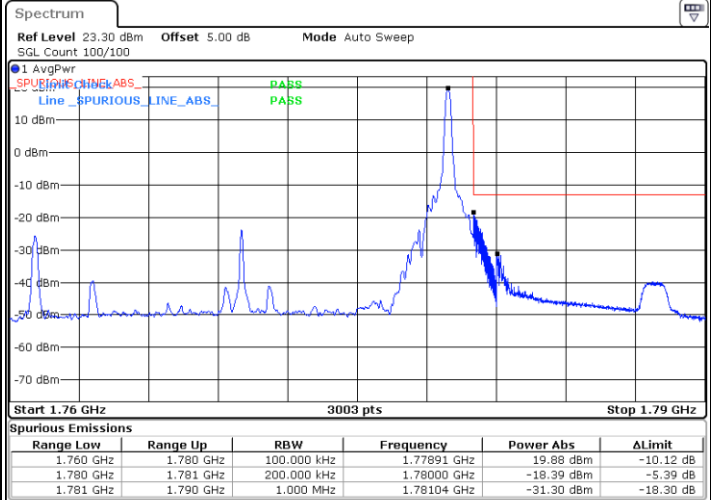
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



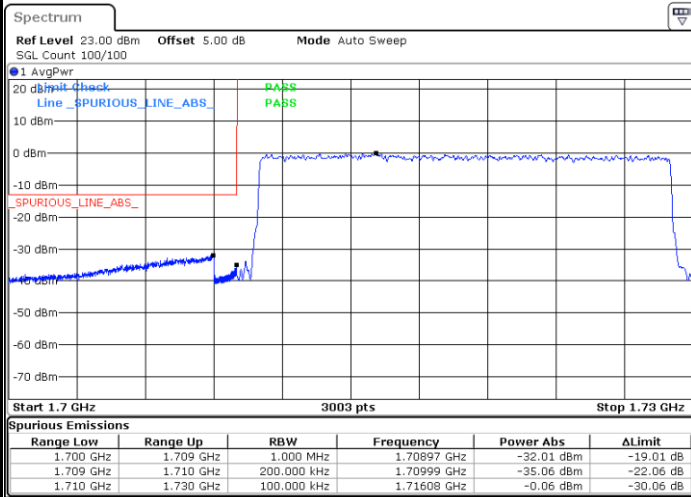
Date: 16.DEC.2020 05:22:15

Highest Band Edge / 1 RB



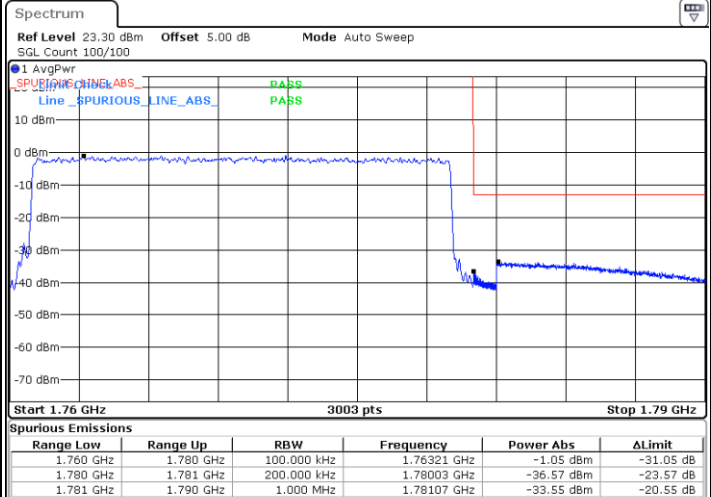
Date: 16.DEC.2020 05:25:01

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:21:09

Highest Band Edge / Full RB

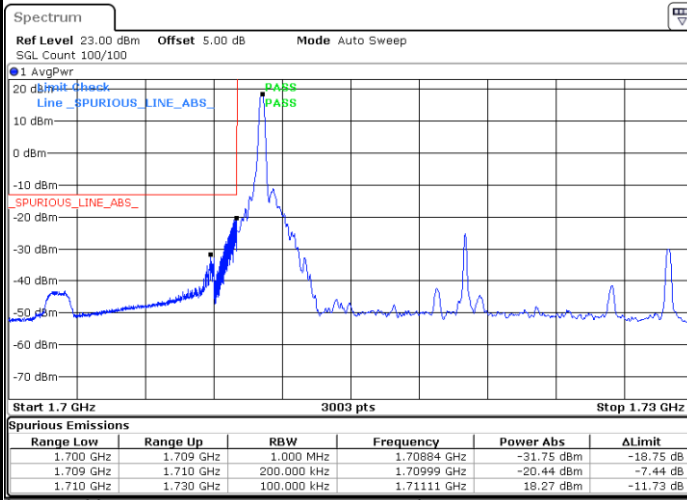


Date: 16.DEC.2020 05:23:35



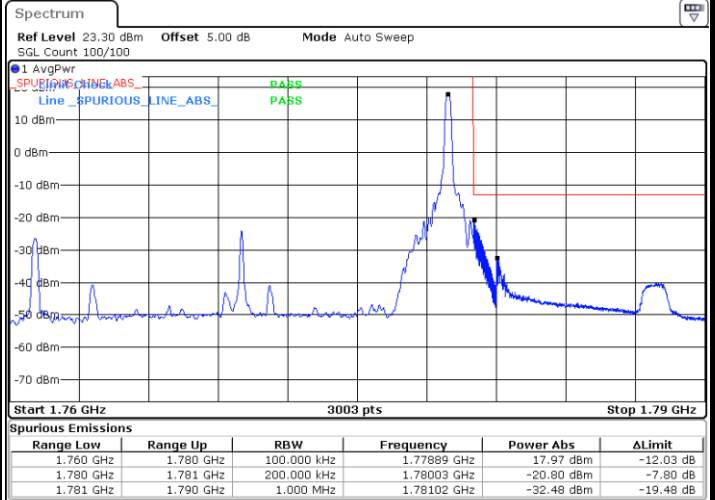
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



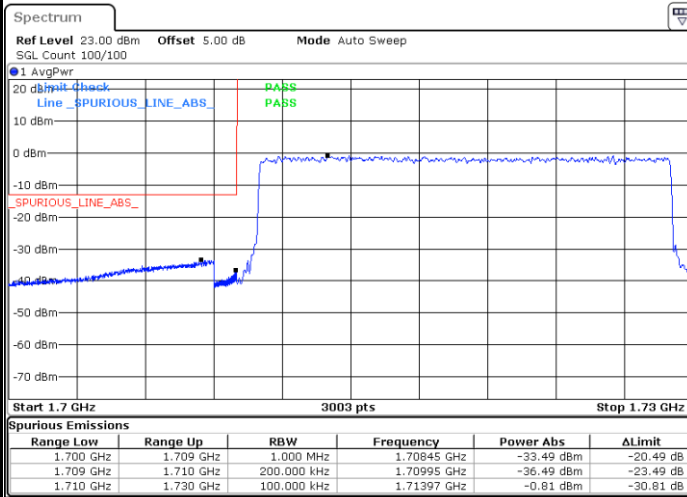
Date: 16.DEC.2020 05:21:58

Highest Band Edge / 1 RB



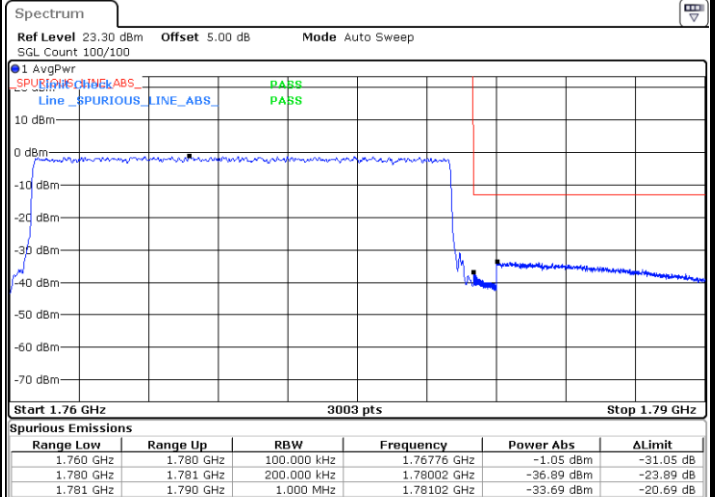
Date: 16.DEC.2020 05:24:46

Lowest Band Edge / Full RB



Date: 16.DEC.2020 05:21:31

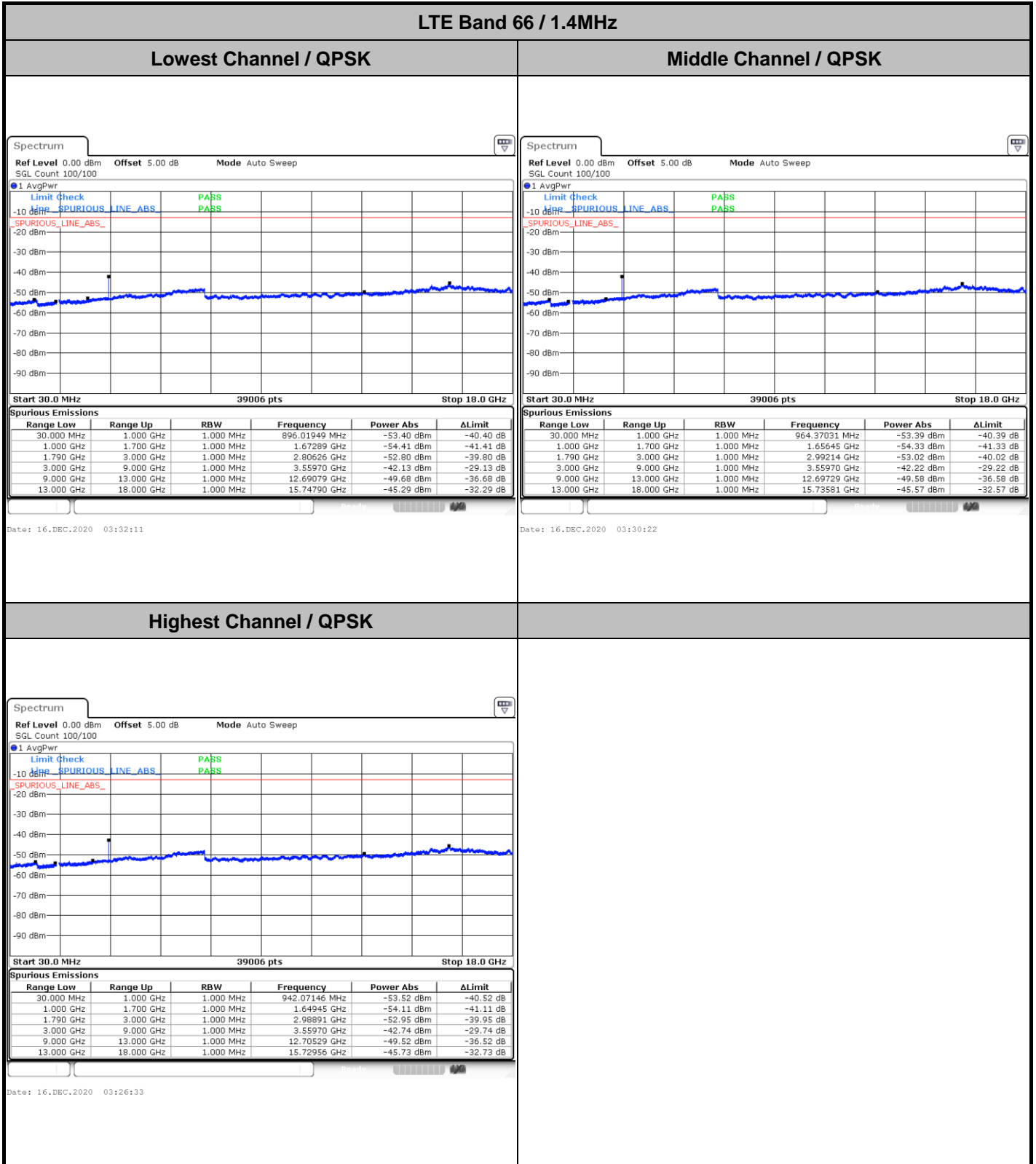
Highest Band Edge / Full RB



Date: 16.DEC.2020 05:24:14



# Conducted Spurious Emission

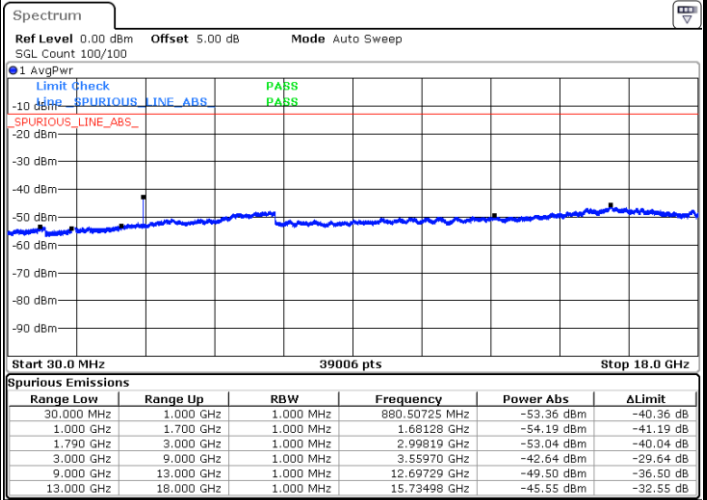
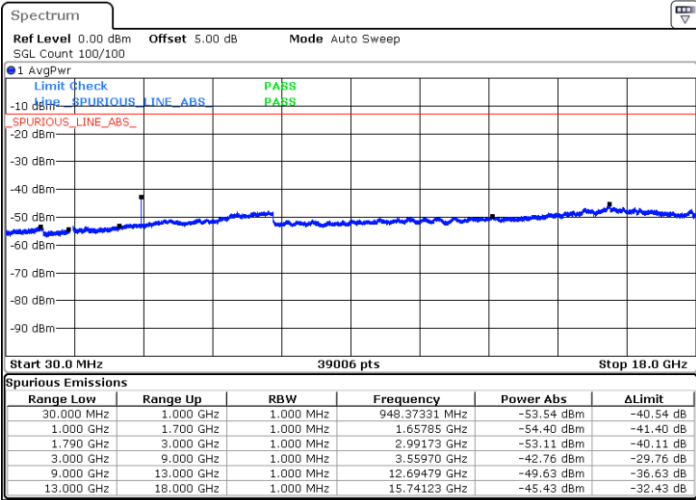




LTE Band 66 / 3MHz

Lowest Channel / QPSK

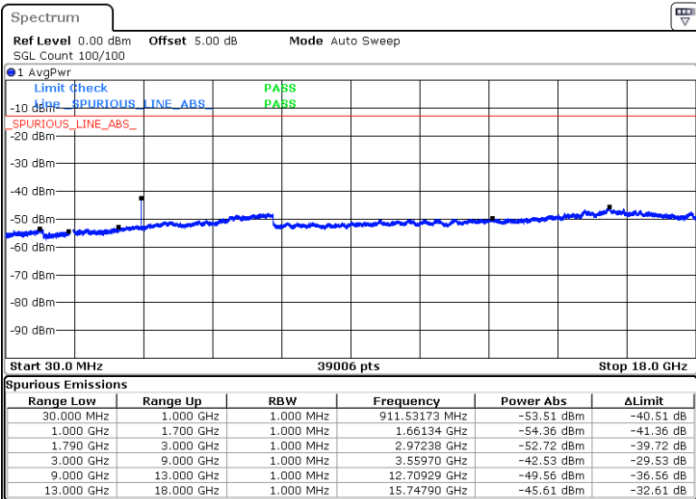
Middle Channel / QPSK



Date: 16.DEC.2020 03:58:57

Date: 16.DEC.2020 03:57:40

Highest Channel / QPSK



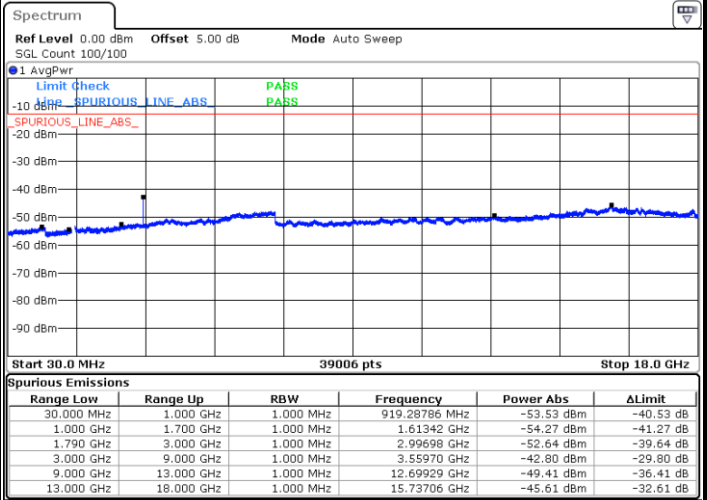
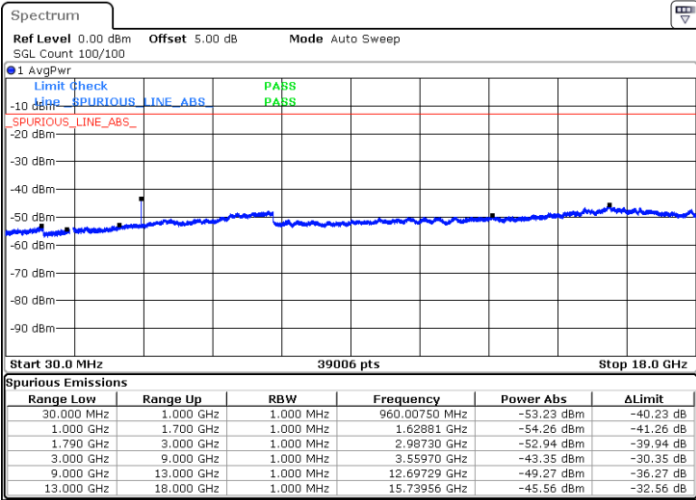
Date: 16.DEC.2020 03:56:10



LTE Band 66 / 5MHz

Lowest Channel / QPSK

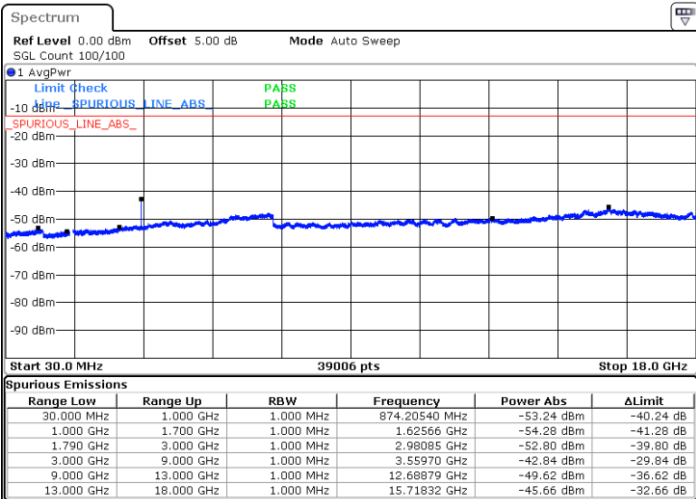
Middle Channel / QPSK



Date: 16.DEC.2020 04:20:09

Date: 16.DEC.2020 04:18:33

Highest Channel / QPSK



Date: 16.DEC.2020 04:14:43

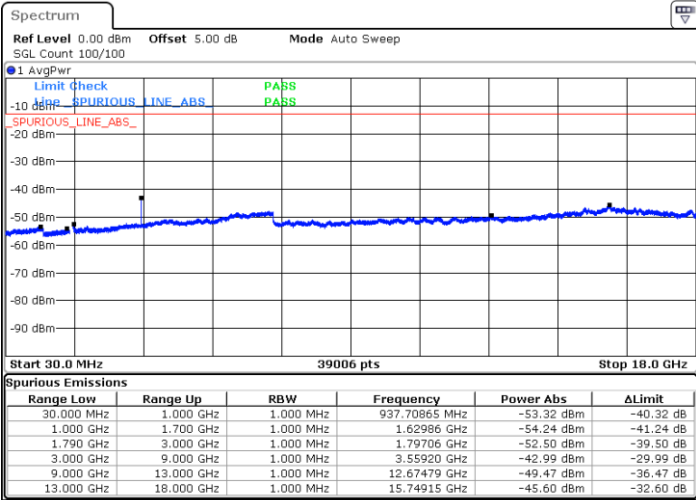




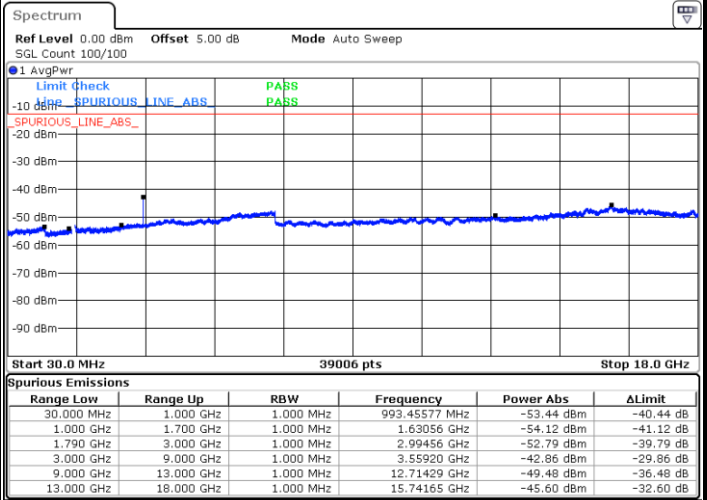
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

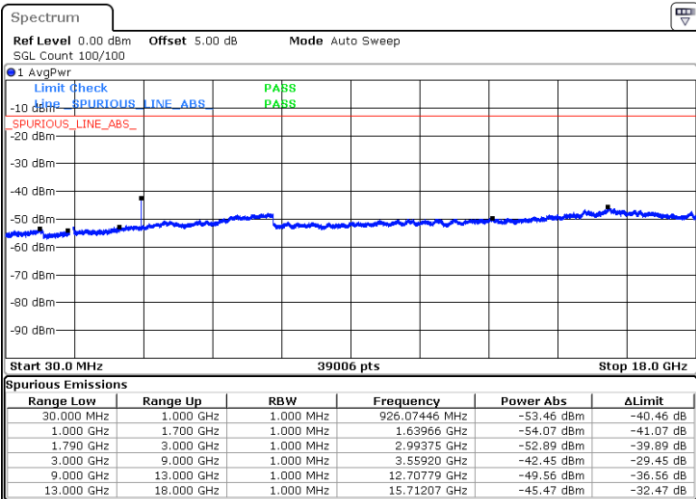


Date: 16.DEC.2020 05:12:34



Date: 16.DEC.2020 05:11:54

Highest Channel / QPSK

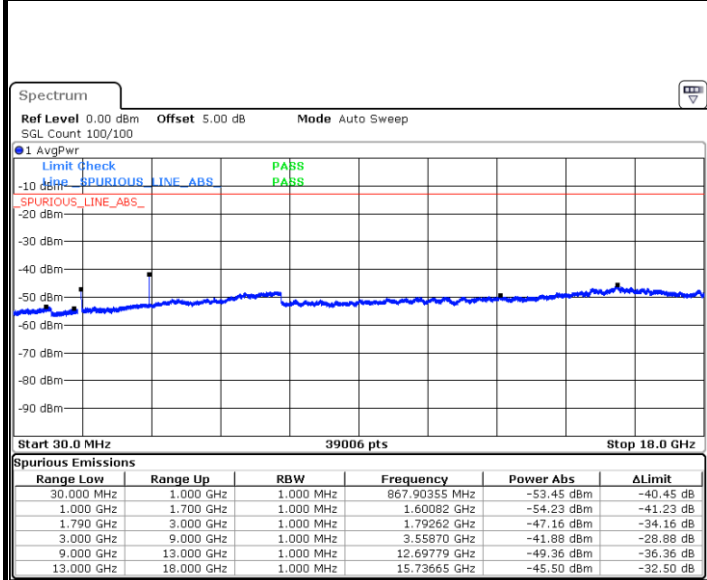


Date: 16.DEC.2020 05:10:28



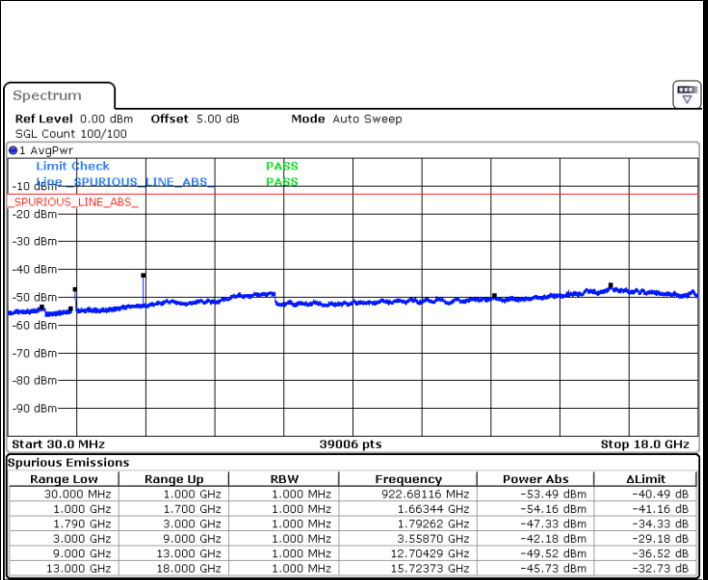
**LTE Band 66 / 15MHz**

**Lowest Channel / QPSK**



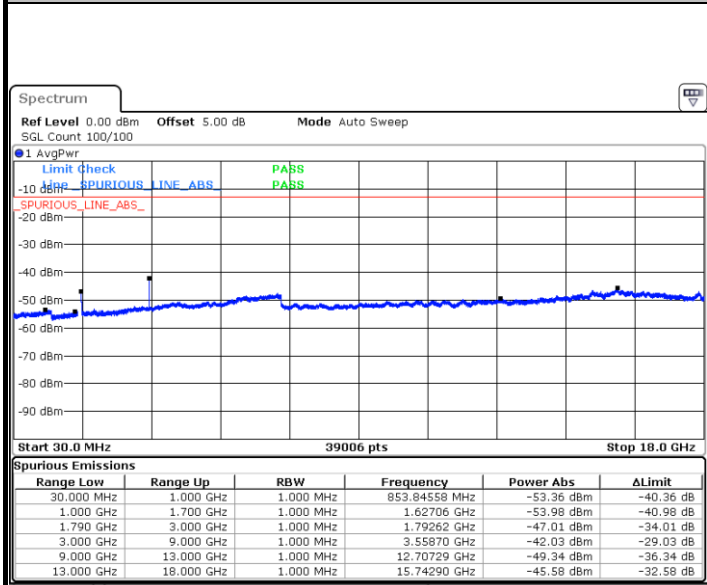
Date: 16.DEC.2020 05:19:57

**Middle Channel / QPSK**



Date: 16.DEC.2020 05:19:12

**Highest Channel / QPSK**



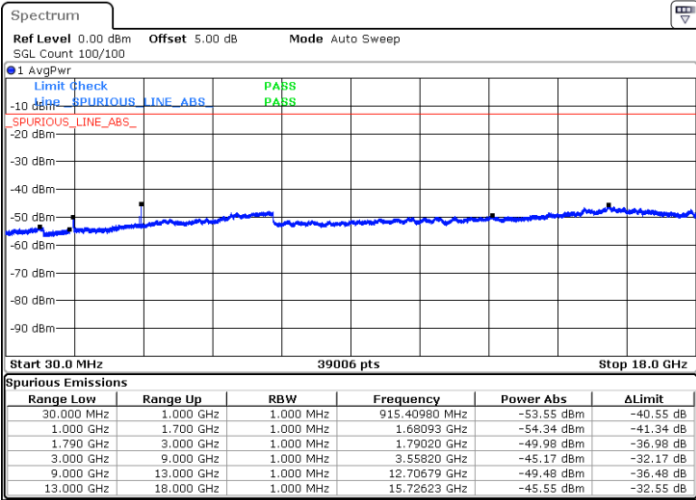
Date: 16.DEC.2020 05:18:02



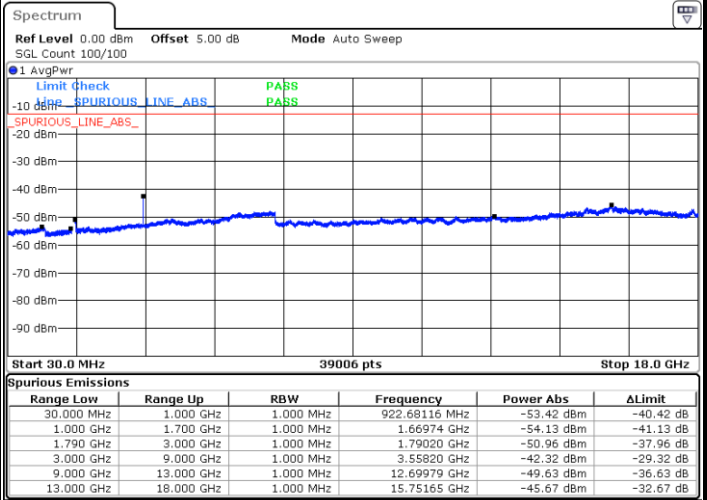
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

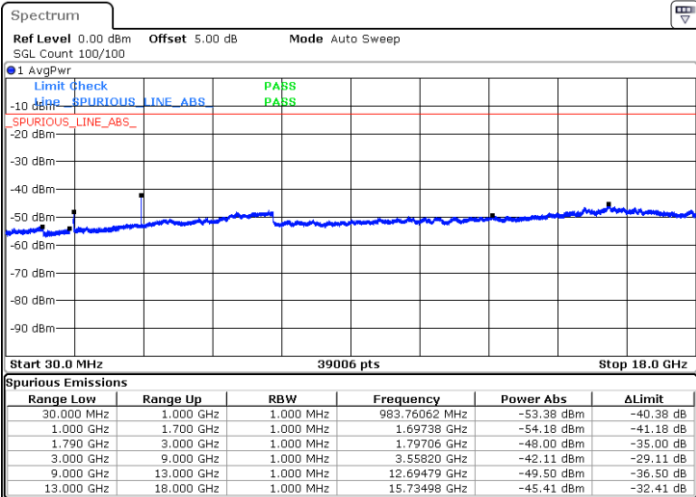


Date: 16.DEC.2020 05:27:33



Date: 16.DEC.2020 05:26:51

Highest Channel / QPSK



Date: 16.DEC.2020 05:26:07



**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

**Note:**

- 5. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.4V.
- 6. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
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	3741	-56.10	-13	-43.10	-68.36	2.64	14.90	H
	5613	-54.74	-13	-41.74	-66.60	2.94	14.80	H
	7488	-52.64	-13	-39.64	-62.41	3.39	13.16	H
	3741	-56.41	-13	-43.41	-68.67	2.64	14.90	V
	5613	-55.47	-13	-42.47	-67.33	2.94	14.80	V
	7488	-52.79	-13	-39.79	-62.56	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK								
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	1664	-58.60	-13	-45.60	-65.57	1.58	10.70	H
	2496	-60.54	-13	-47.54	-68.79	2.102	12.50	H
	3330	-60.25	-13	-47.25	-69.14	2.856	13.90	H
	4158	-54.39	-13	-41.39	-62.85	2.689	13.30	H
	1664	-61.34	-13	-48.34	-68.31	1.58	10.70	V
	2496	-59.20	-13	-46.20	-67.45	2.10	12.50	V
	3330	-60.24	-13	-47.24	-69.13	2.86	13.90	V
	4158	-54.46	-13	-41.46	-62.92	2.69	13.30	V

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

LTE Band 7 / 20MHz / QPSK								
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	5052	-58.91	-25	-33.91	-69.12	3.03	13.24	H
	7580	-61.38	-25	-36.38	-70.83	3.56	13.01	H
	10100	-60.16	-25	-35.16	-69.68	3.92	13.44	H
	5052	-57.37	-25	-32.37	-67.58	3.03	13.24	V
	7580	-61.52	-25	-36.52	-70.97	3.56	13.01	V
	10100	-60.42	-25	-35.42	-69.94	3.92	13.44	V

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



LTE Band 66 / 20MHz / QPSK								
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	3471	-57.47	-13	-44.47	-68.21	2.604	13.34	H
	5208	-55.02	-13	-42.02	-65.53	3.011	13.52	H
	6948	-54.02	-13	-41.02	-64.22	3.271	13.47	H
	3471	-57.39	-13	-44.39	-68.13	2.604	13.34	V
	5208	-54.28	-13	-41.28	-64.79	3.011	13.52	V
	6948	-54.51	-13	-41.51	-64.71	3.271	13.47	V

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