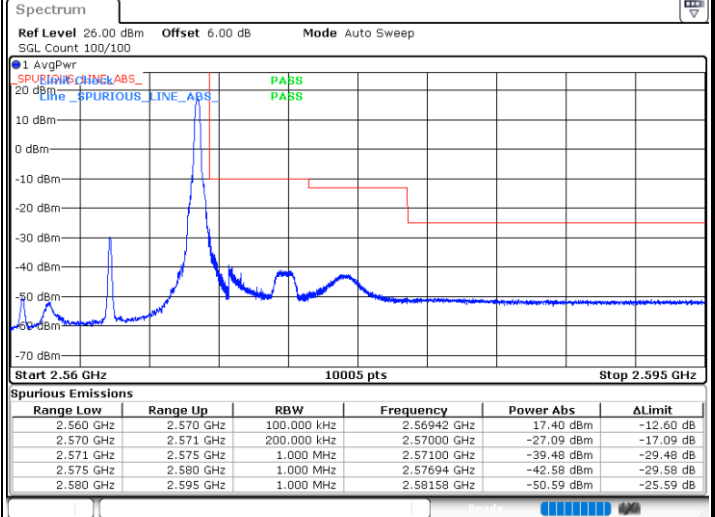
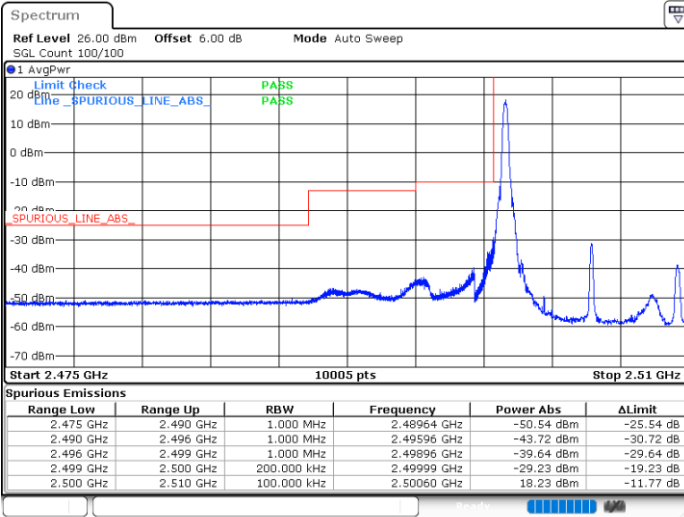




LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

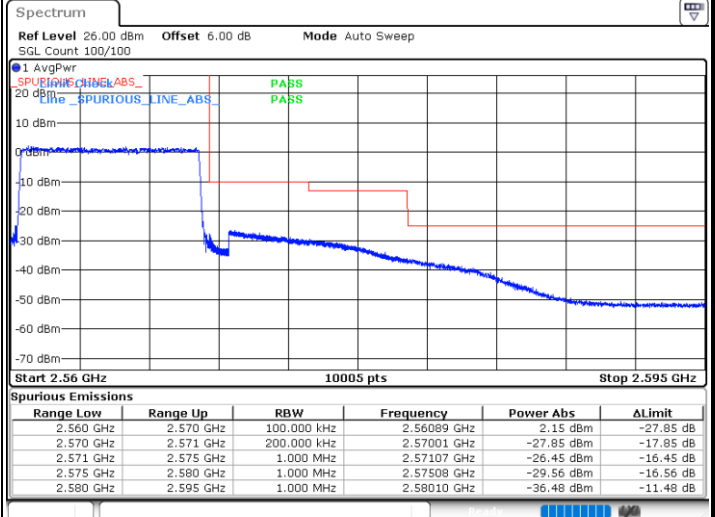
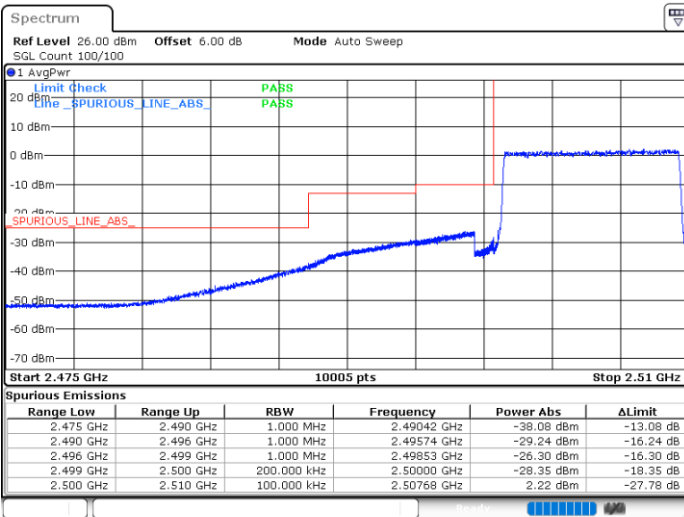


Date: 29 JUN 2022 17:30:28

Date: 29 JUN 2022 17:45:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



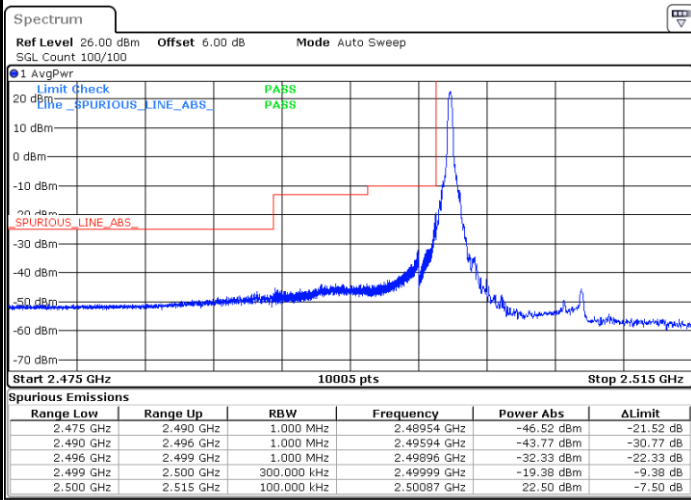
Date: 29 JUN 2022 17:32:31

Date: 29 JUN 2022 17:46:44



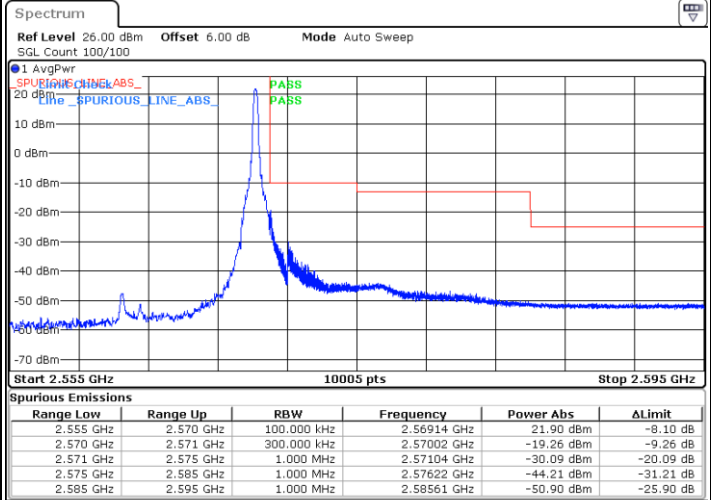
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



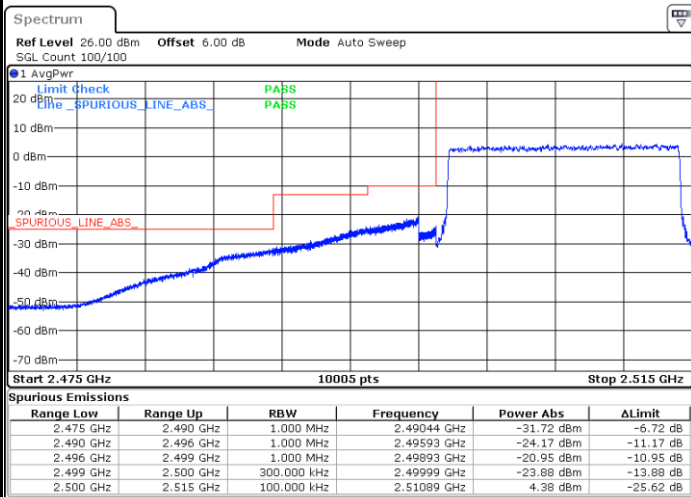
Date: 29 JUN 2022 17:53:52

Highest Band Edge / 1 RB



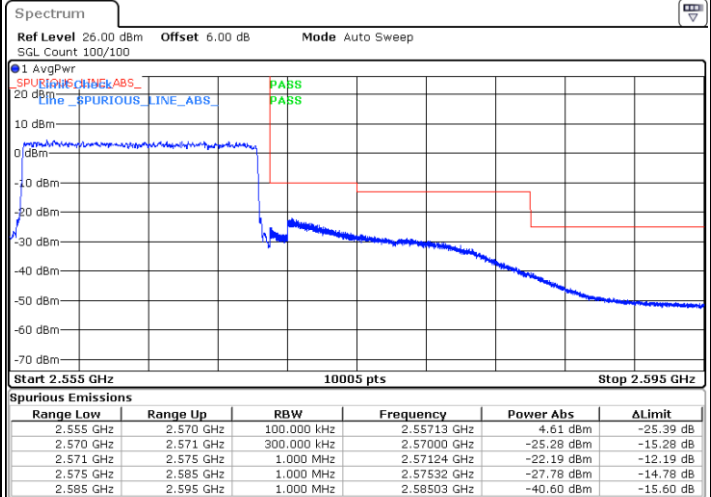
Date: 29 JUN 2022 18:11:47

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:07:06

Highest Band Edge / Full RB

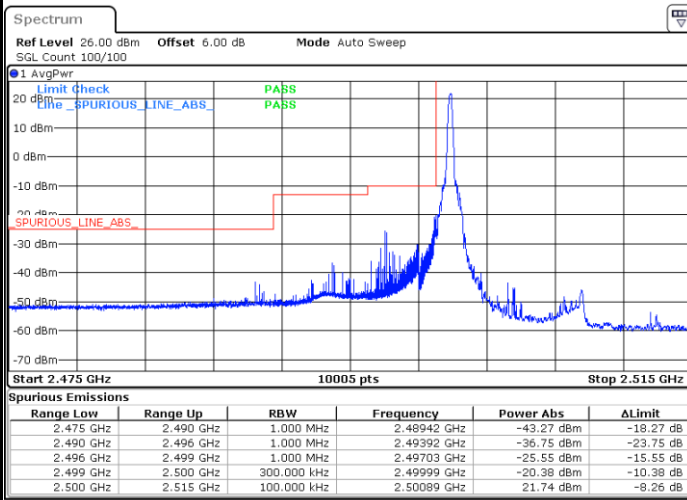


Date: 29 JUN 2022 18:21:20



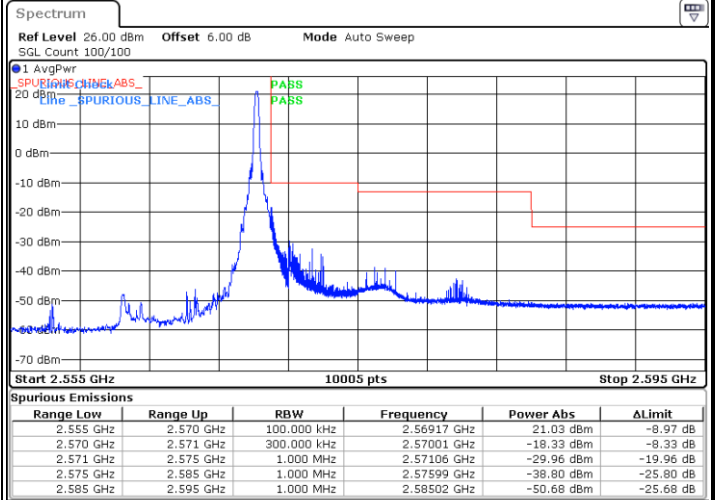
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



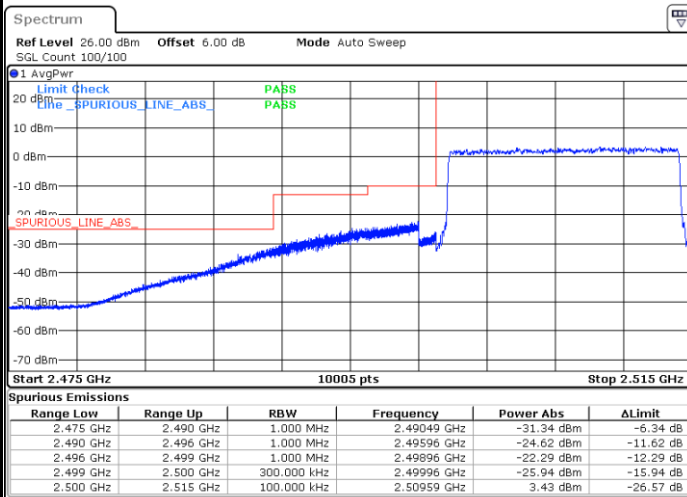
Date: 29 JUN 2022 17:55:13

Highest Band Edge / 1 RB



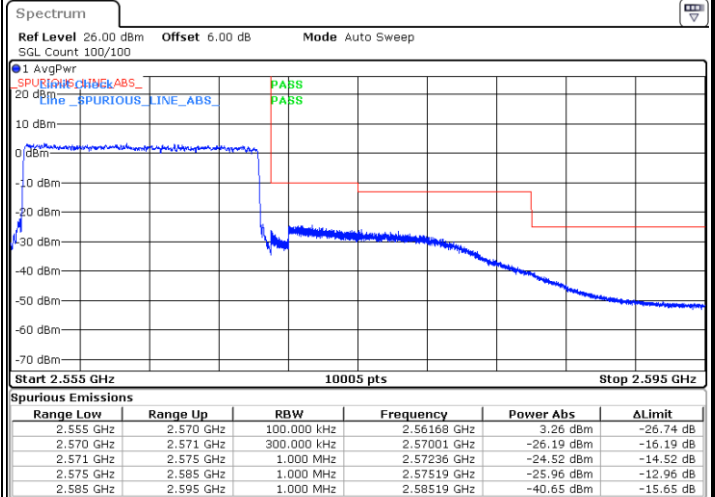
Date: 29 JUN 2022 18:13:08

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:05:45

Highest Band Edge / Full RB

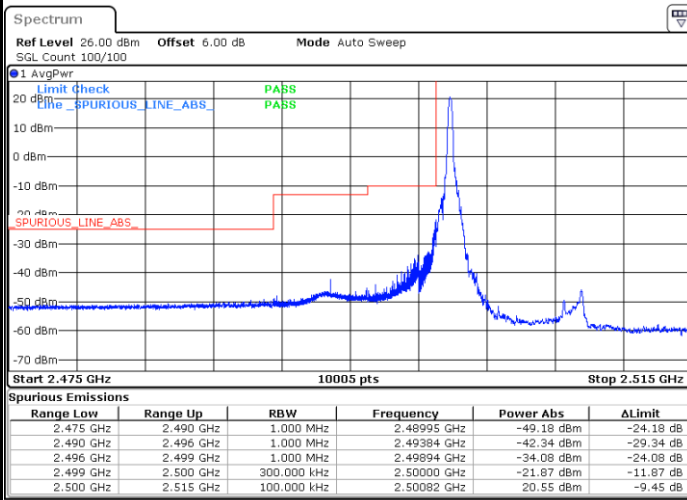


Date: 29 JUN 2022 18:19:59



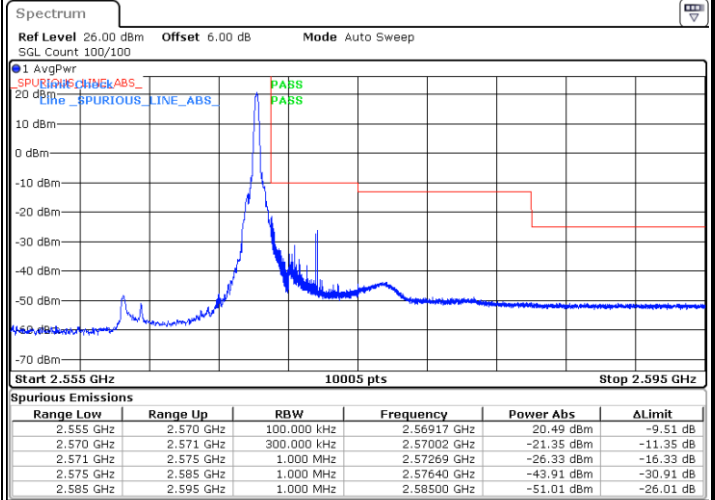
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



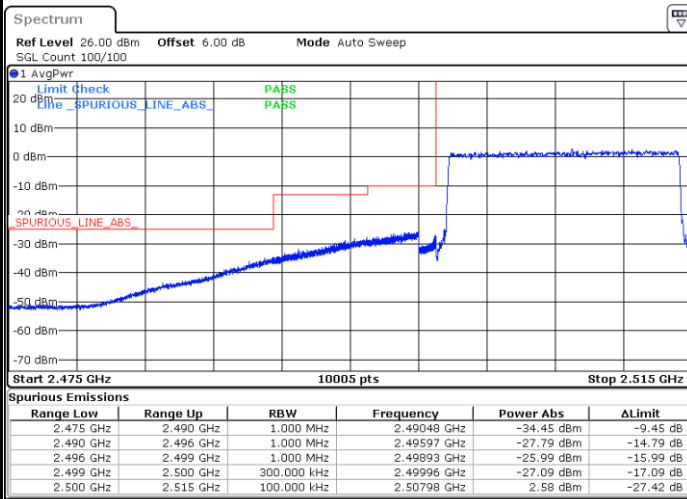
Date: 29 JUN 2022 17:56:34

Highest Band Edge / 1 RB



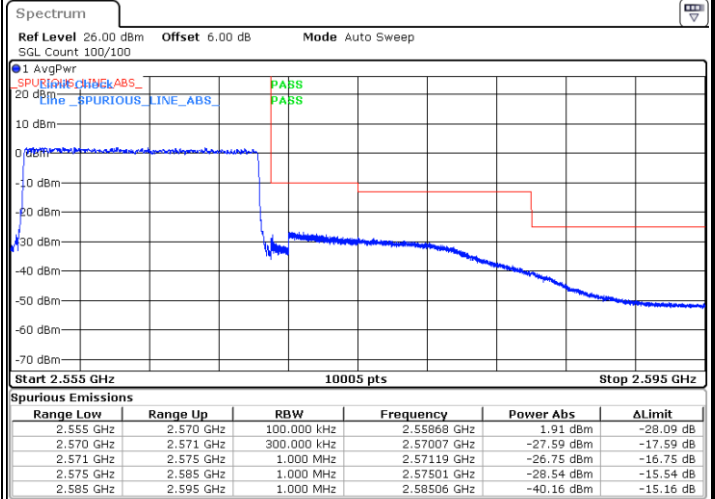
Date: 29 JUN 2022 18:14:29

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:04:24

Highest Band Edge / Full RB

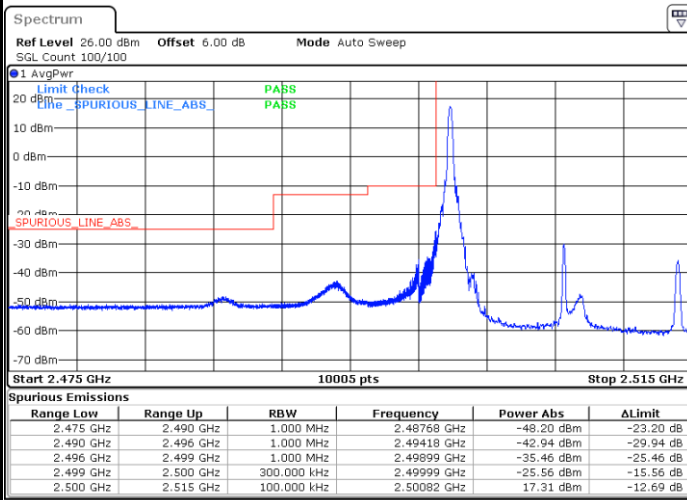


Date: 29 JUN 2022 18:18:38



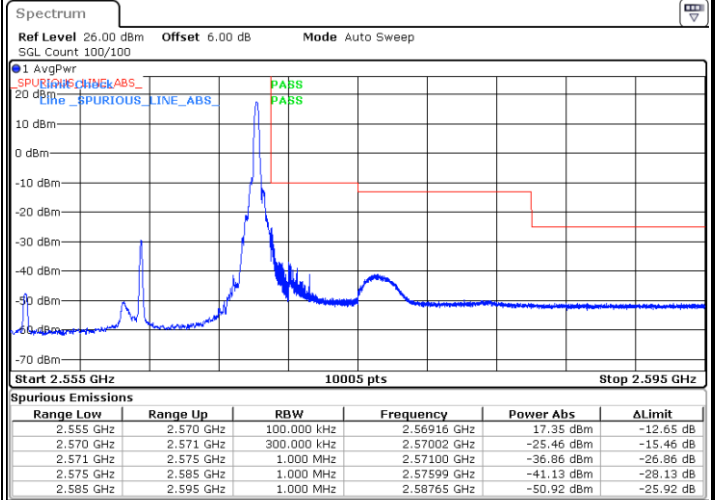
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



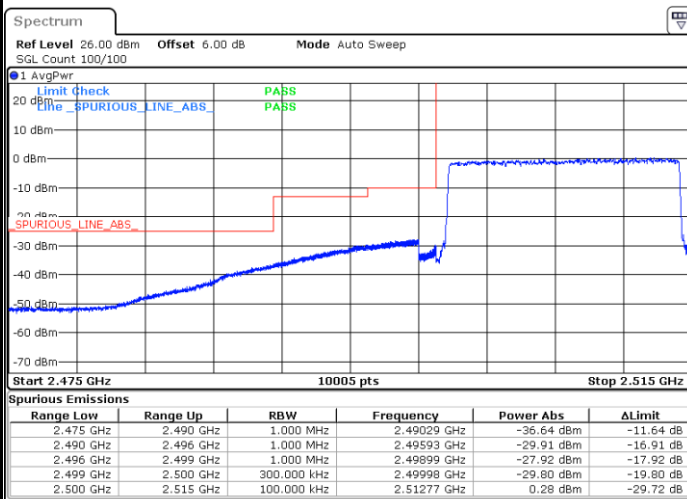
Date: 29 JUN 2022 17:57:55

Highest Band Edge / 1 RB



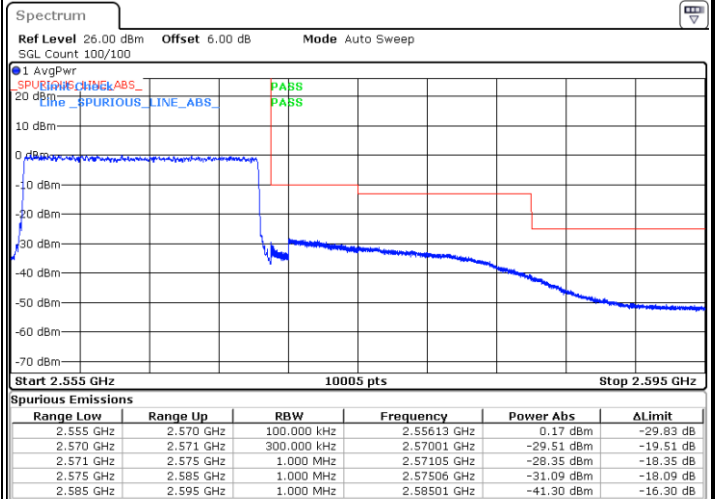
Date: 29 JUN 2022 18:15:50

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:03:01

Highest Band Edge / Full RB



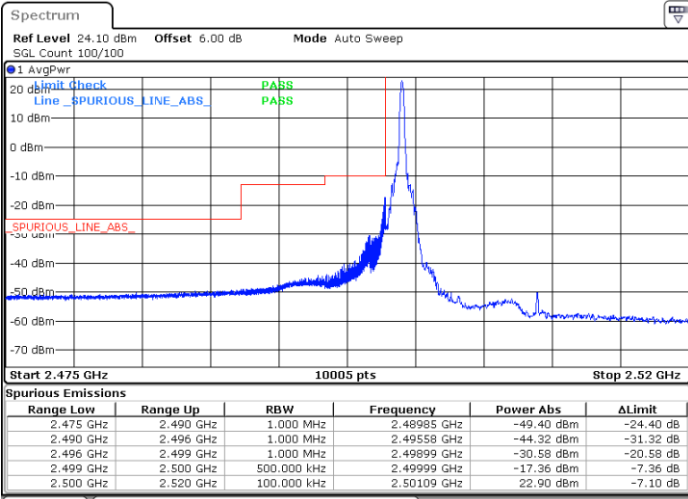
Date: 29 JUN 2022 18:17:15



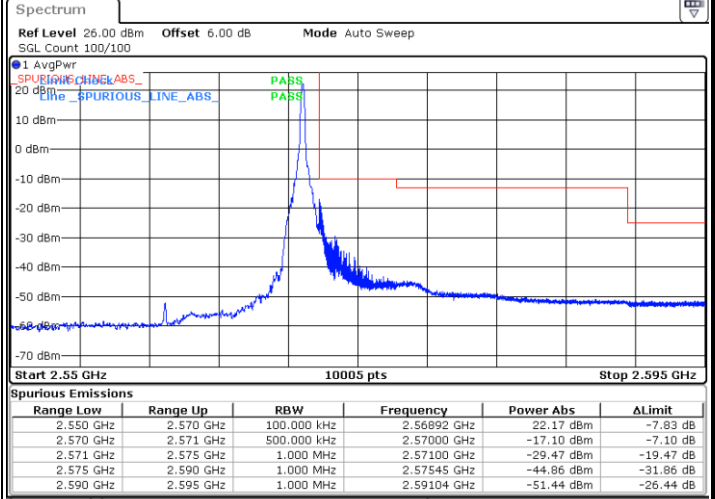
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



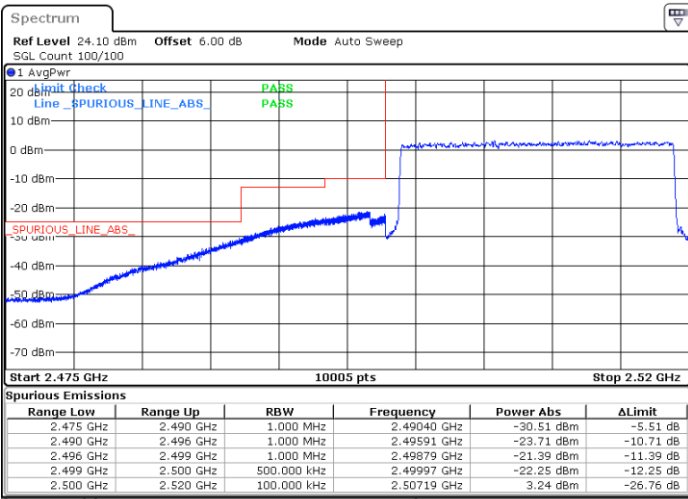
Date: 29 JUN 2022 18:24:22



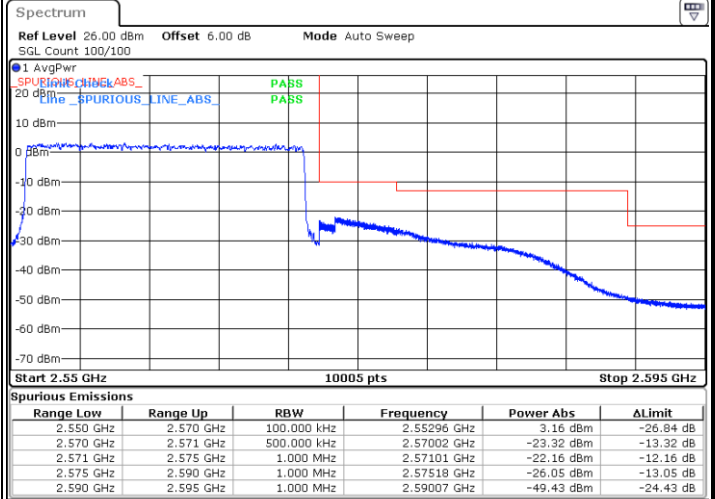
Date: 29 JUN 2022 18:47:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 JUN 2022 18:42:35

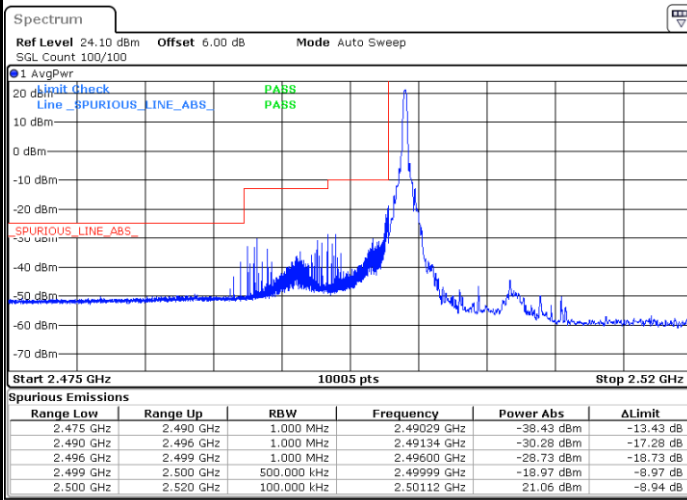


Date: 29 JUN 2022 18:53:59



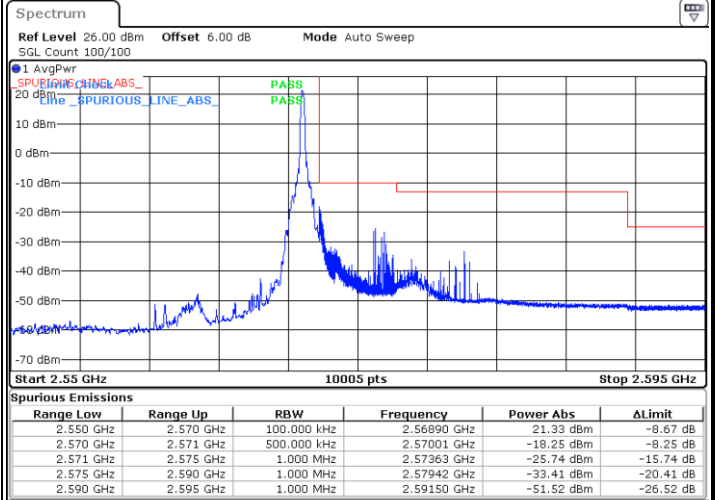
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



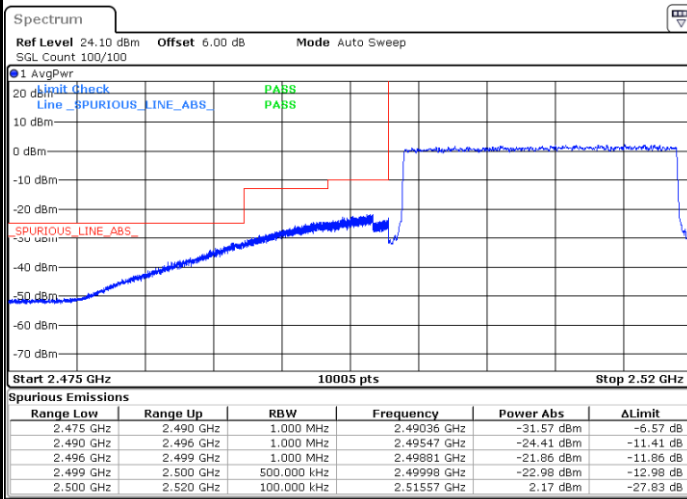
Date: 29 JUN 2022 18:25:43

Highest Band Edge / 1 RB



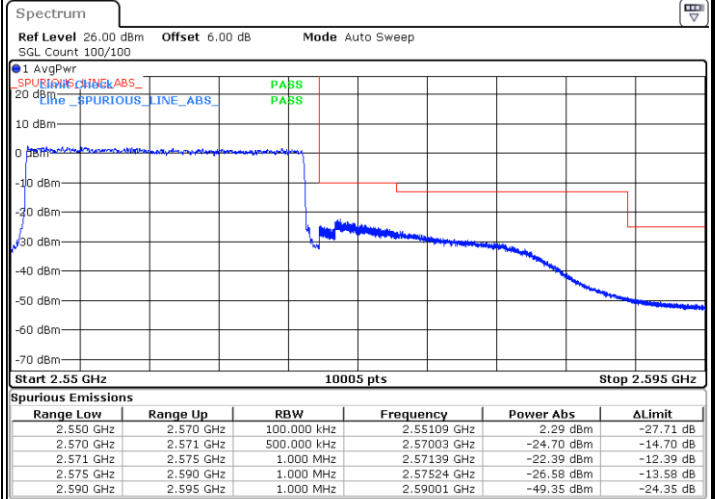
Date: 29 JUN 2022 18:48:36

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:41:14

Highest Band Edge / Full RB

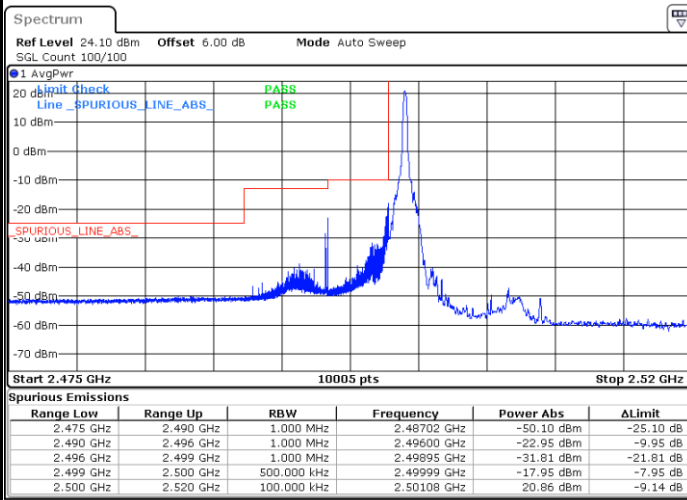


Date: 29 JUN 2022 18:52:38



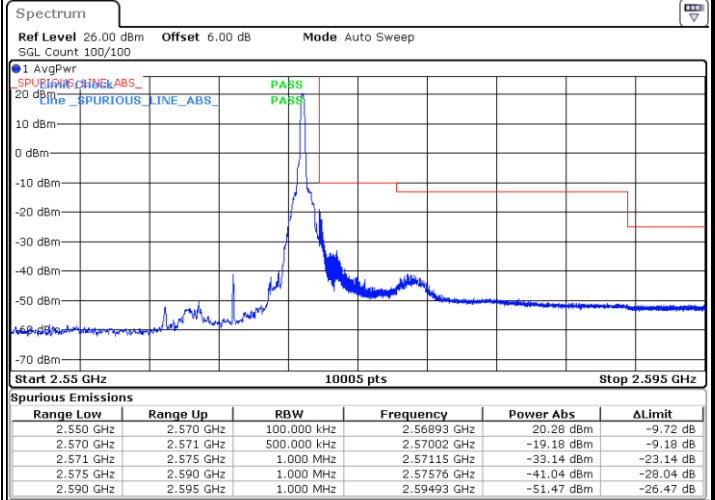
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



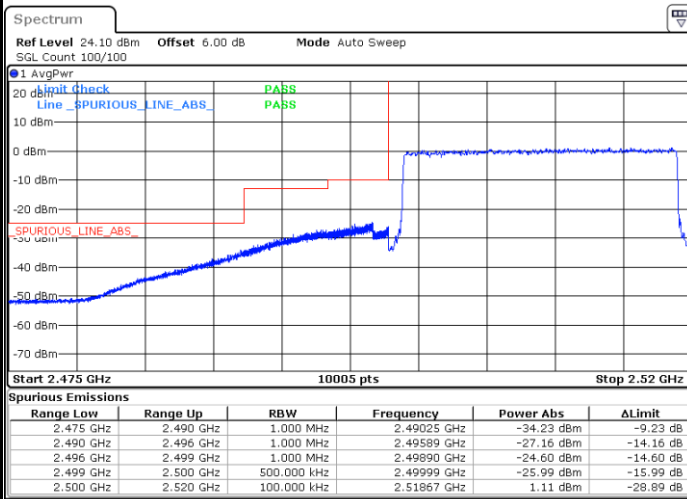
Date: 29 JUN 2022 18:27:04

Highest Band Edge / 1 RB



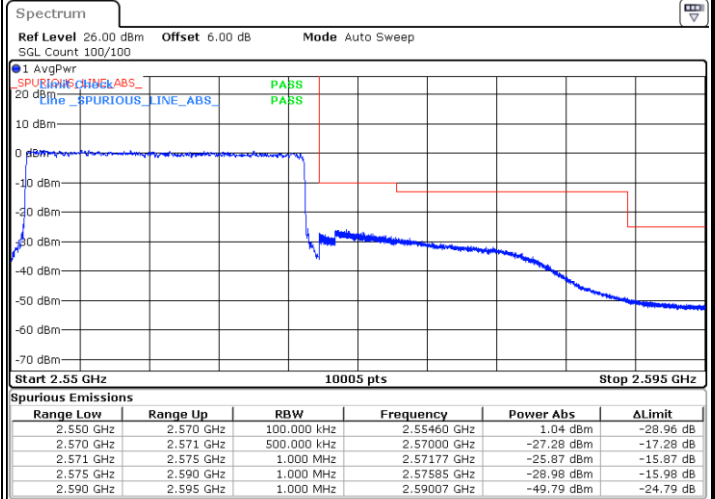
Date: 29 JUN 2022 18:49:56

Lowest Band Edge / Full RB



Date: 29 JUN 2022 18:39:53

Highest Band Edge / Full RB



Date: 29 JUN 2022 18:51:17

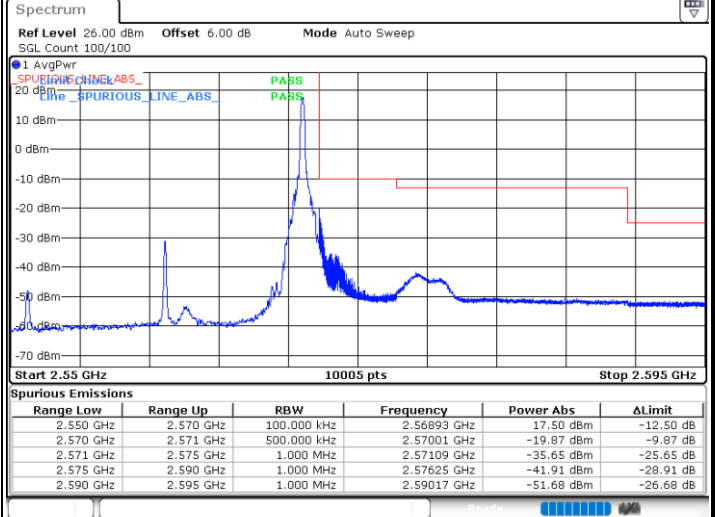
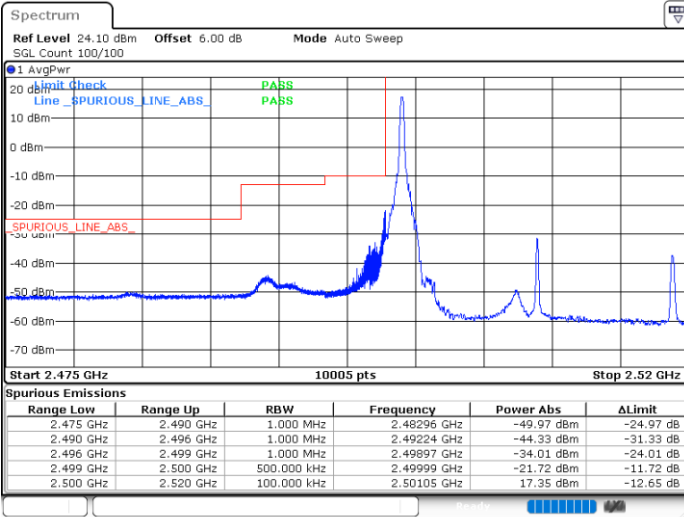




LTE Band 7 / 20MHz /256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

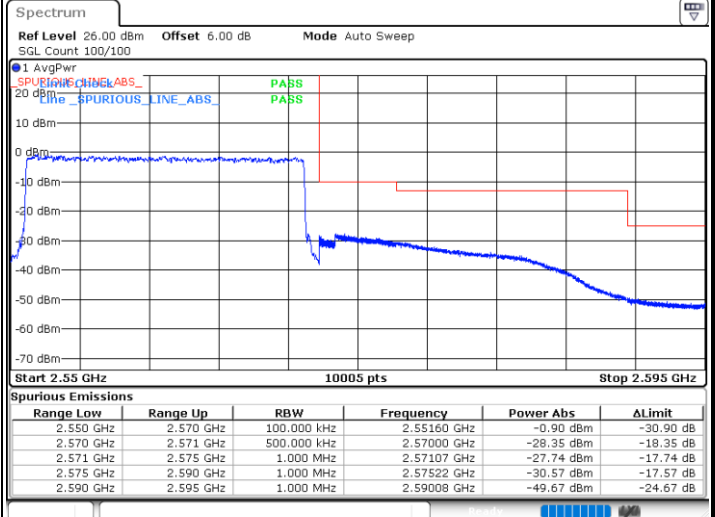
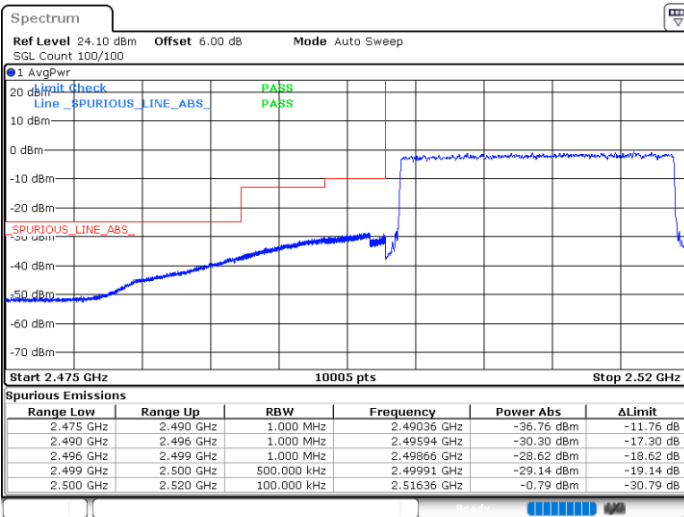


Date: 29 JUN 2022 18:28:25

Date: 29 JUN 2022 19:00:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 JUN 2022 18:38:29

Date: 29 JUN 2022 18:59:45

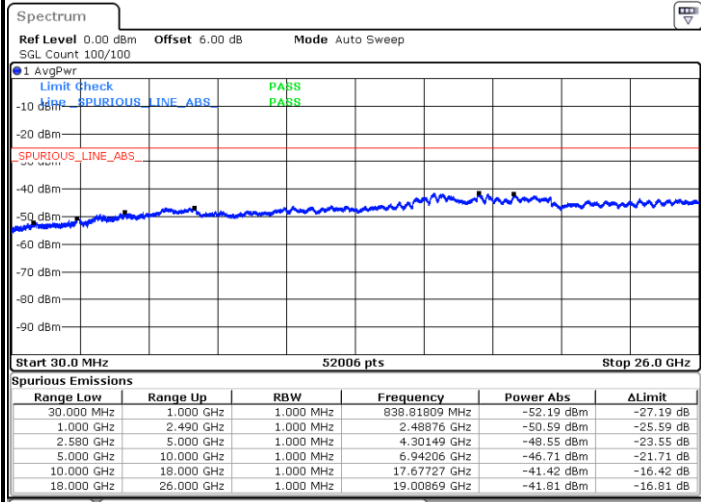


# Conducted Spurious Emission

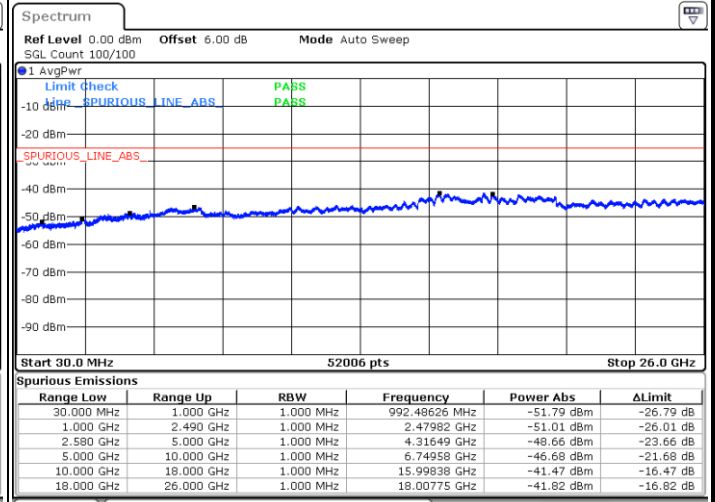
## LTE Band 7 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK

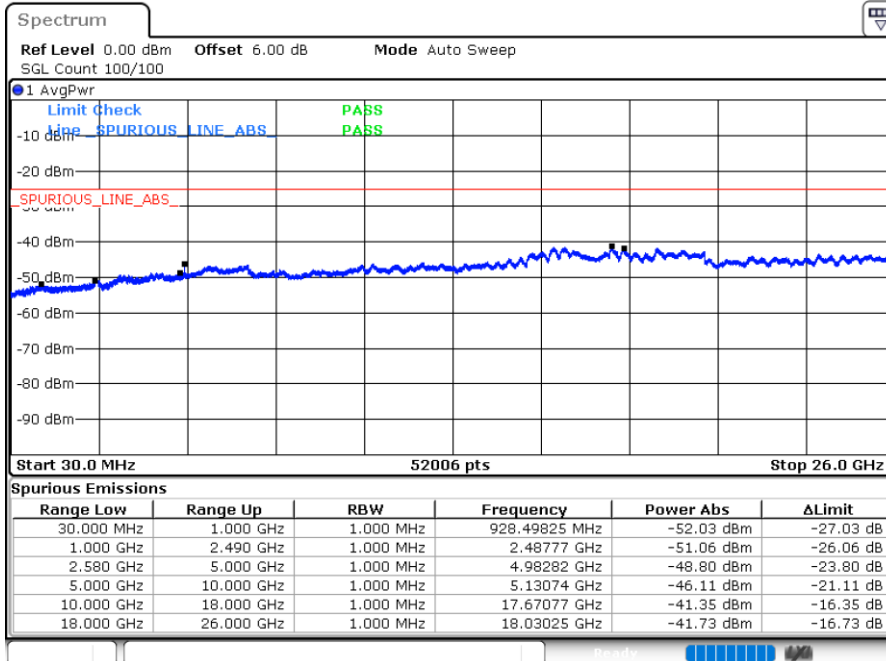


Date: 29 JUN 2022 16:57:11



Date: 29 JUN 2022 17:10:52

### Highest Channel / QPSK



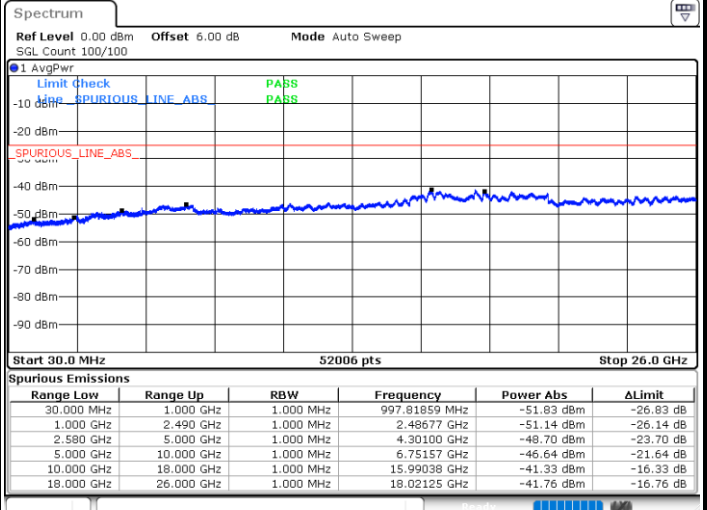
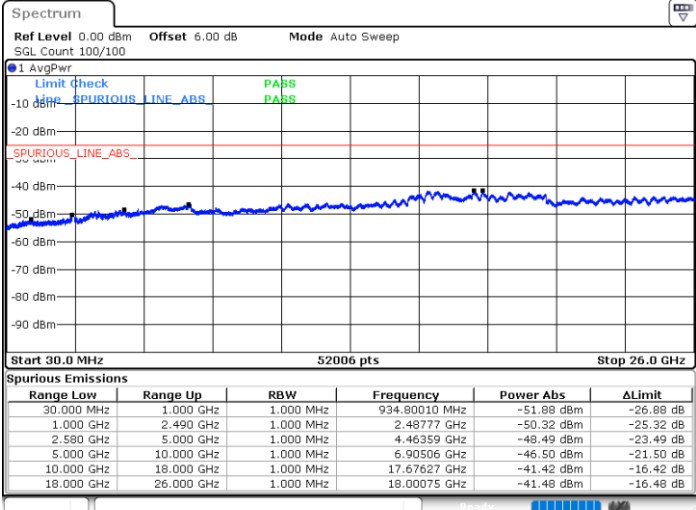
Date: 29 JUN 2022 17:12:32



LTE Band 7 / 10MHz

Lowest Channel / QPSK

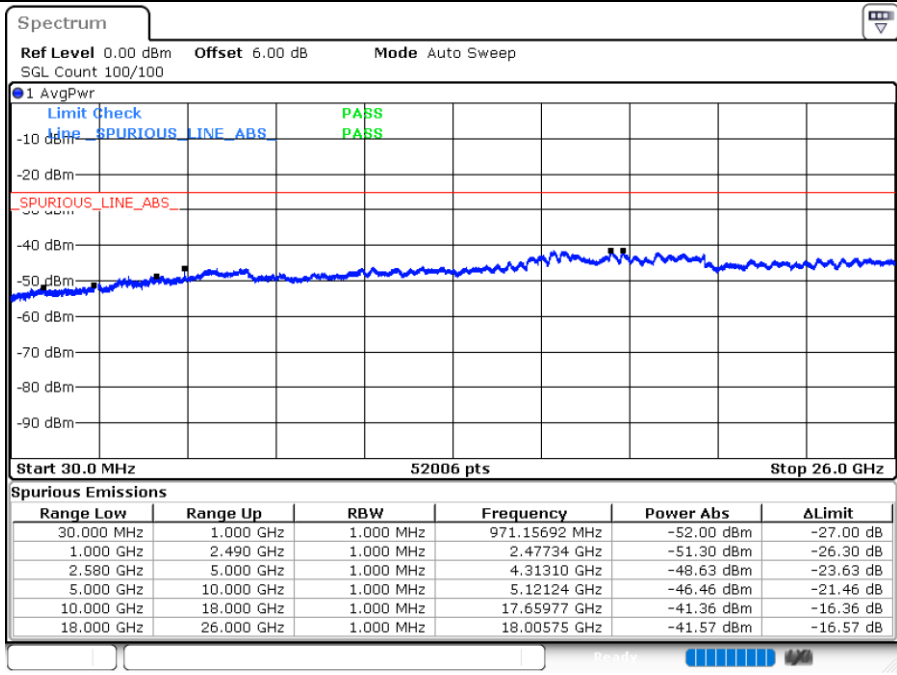
Middle Channel / QPSK



Date: 29.JUN.2022 17:25:04

Date: 29.JUN.2022 17:38:17

Highest Channel / QPSK



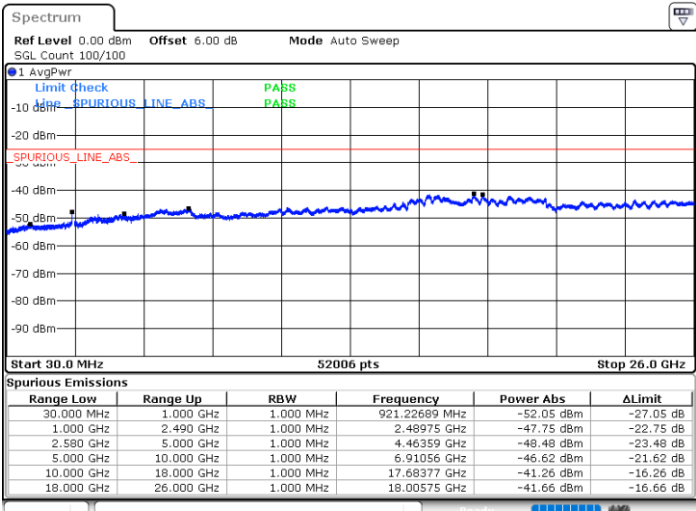
Date: 29.JUN.2022 17:39:57



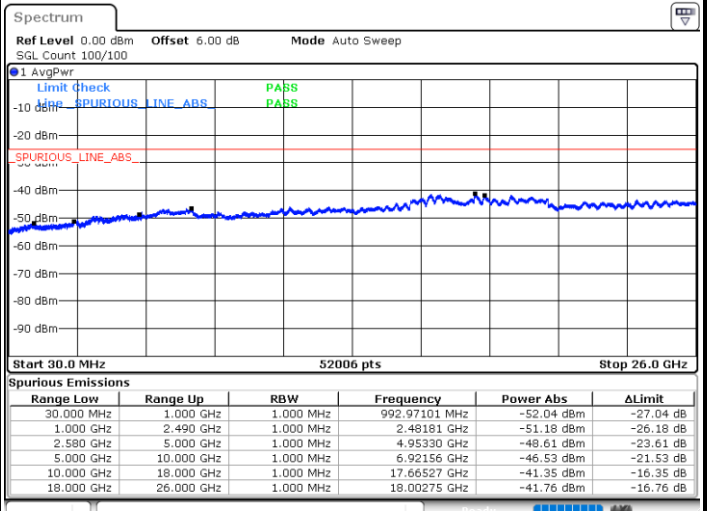
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

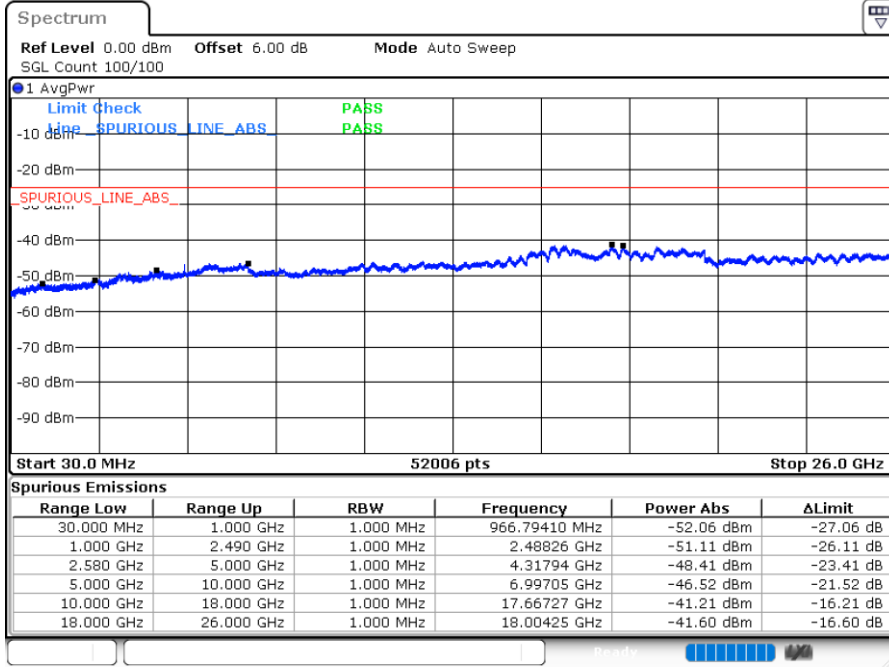


Date: 29.JUN.2022 17:52:31



Date: 29.JUN.2022 18:08:46

Highest Channel / QPSK



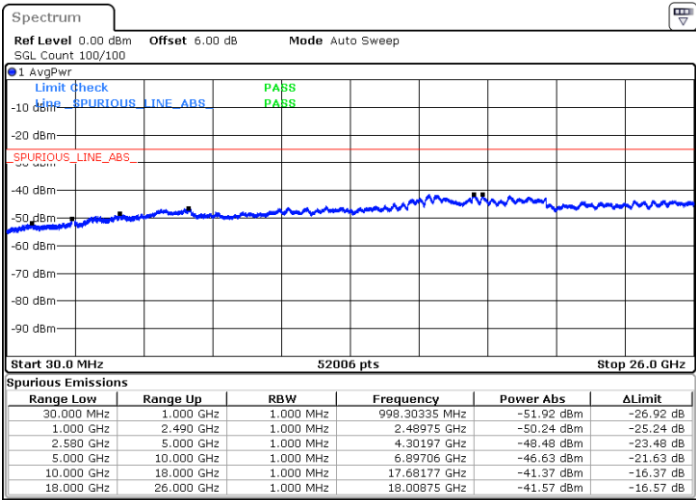
Date: 29.JUN.2022 18:10:25



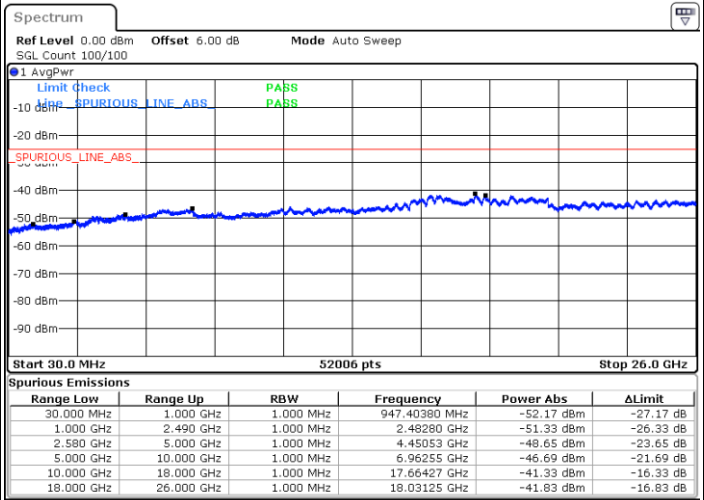
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

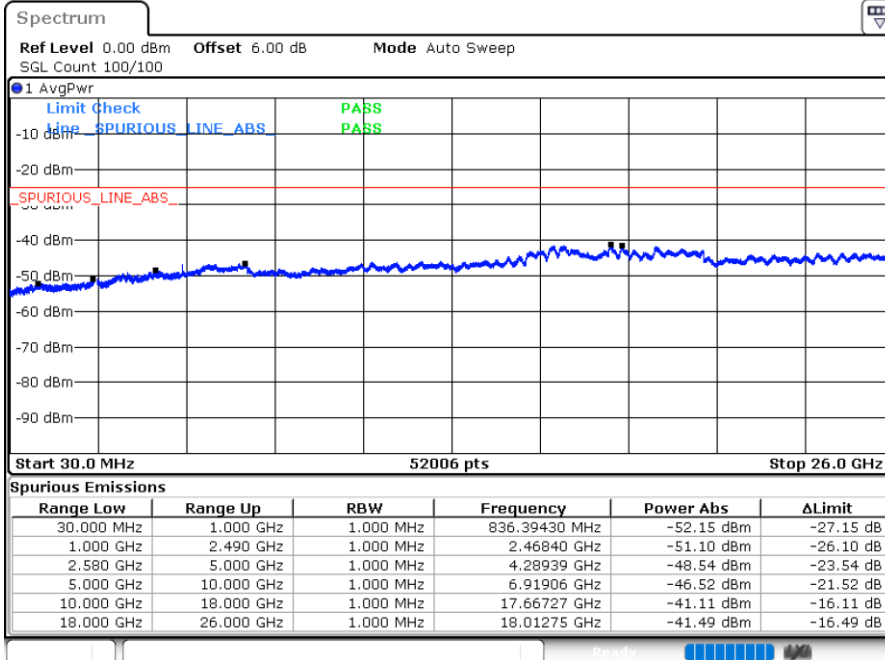


Date: 29.JUN.2022 18:23:00



Date: 29.JUN.2022 18:44:14

Highest Channel / QPSK



Date: 29.JUN.2022 18:45:54



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.25 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 :	Levi zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK (ANT2)								
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	-64.04	-25	-39.04	-74.25	3.03	13.24	H
	7576	-59.38	-25	-34.38	-68.83	3.56	13.01	H
	10100	-55.52	-25	-30.52	-65.04	3.92	13.44	H
	12630	-58.19	-25	-33.19	-68.11	4.44	14.36	H
	15160	-58.28	-25	-33.28	-68.65	4.77	15.14	H
	17680	-50.28	-25	-25.28	-60.41	5.25	15.38	H
	5052	-63.80	-25	-38.80	-74.01	3.03	13.24	V
	7576	-61.36	-25	-36.36	-70.81	3.56	13.01	V
	10100	-55.87	-25	-30.87	-65.39	3.92	13.44	V
	12630	-58.66	-25	-33.66	-68.58	4.44	14.36	V
	15160	-58.25	-25	-33.25	-68.62	4.77	15.14	V
	17680	-50.57	-25	-25.57	-60.70	5.25	15.38	V

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

LTE Band 41 / 20MHz / QPSK (ANT2)								
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	5168	-63.84	-25	-38.84	-74.05	3.03	13.24	H
	7752	-57.63	-25	-32.63	-67.08	3.56	13.01	H
	10340	-48.26	-25	-23.26	-57.78	3.92	13.44	H
	5168	-64.05	-25	-39.05	-74.26	3.03	13.24	V
	7752	-59.68	-25	-34.68	-69.13	3.56	13.01	V
	10340	-50.47	-25	-25.47	-59.99	3.92	13.44	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK (ANT2)								
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	5032	-63.25	-25	-38.25	-73.46	3.03	13.24	H
	7548	-59.40	-25	-34.40	-68.85	3.56	13.01	H
	10060	-51.36	-25	-26.36	-60.88	3.92	13.44	H
	12580	-57.55	-25	-32.55	-67.47	4.44	14.36	H
	15100	-58.32	-25	-33.32	-68.69	4.77	15.14	H
	17610	-49.45	-25	-24.45	-59.58	5.25	15.38	H
	5032	-63.15	-25	-38.15	-73.36	3.03	13.24	V
	7548	-60.86	-25	-35.86	-70.31	3.56	13.01	V
	10060	-53.29	-25	-28.29	-62.81	3.92	13.44	V
	12580	-59.56	-25	-34.56	-69.48	4.44	14.36	V
	15100	-58.47	-25	-33.47	-68.84	4.77	15.14	V
	17610	-48.95	-25	-23.95	-59.08	5.25	15.38	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK (ANT2)								
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	5152	-62.82	-25	-37.82	-73.03	3.03	13.24	H
	7728	-60.62	-25	-35.62	-70.07	3.56	13.01	H
	10300	-51.57	-25	-26.57	-61.09	3.92	13.44	H
	5152	-63.24	-25	-38.24	-73.45	3.03	13.24	V
	7728	-61.32	-25	-36.32	-70.77	3.56	13.01	V
	10300	-54.24	-25	-29.24	-63.76	3.92	13.44	V

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