

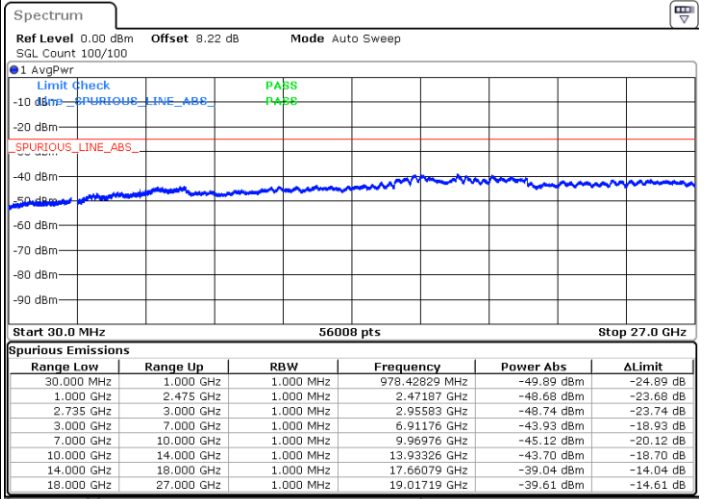
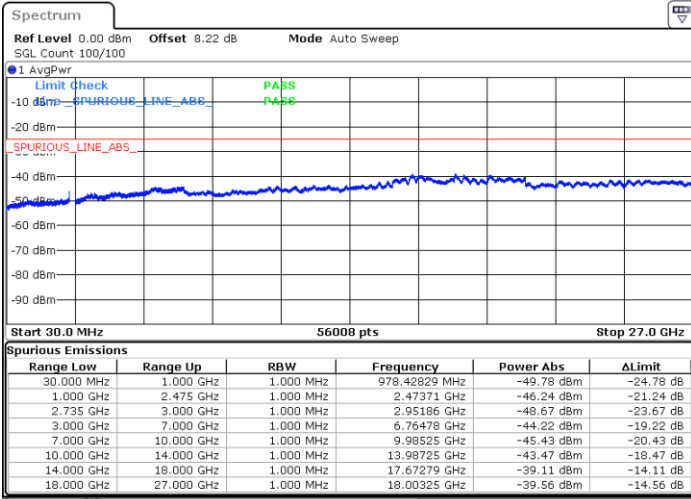


LTE Band 41C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

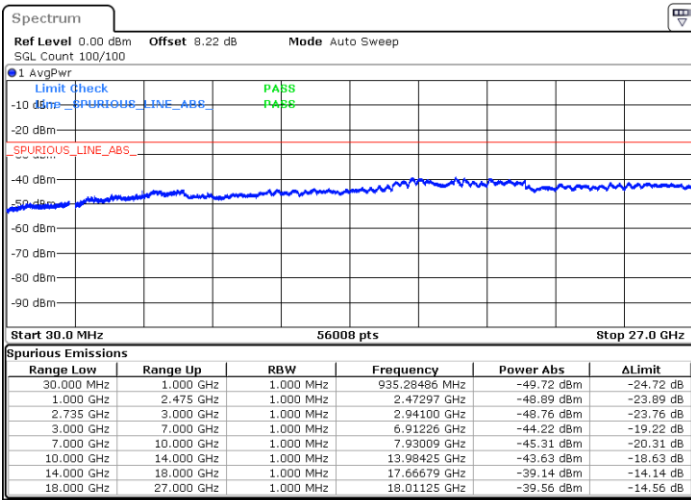


Date: 9.SEP.2022 16:38:31

Date: 9.SEP.2022 16:40:23

Highest Channel / 1RB24 and 1RB0

N/A



Date: 9.SEP.2022 16:42:16

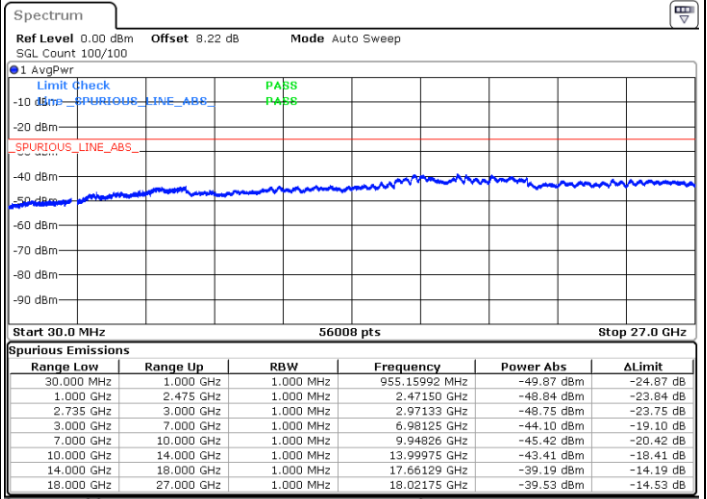
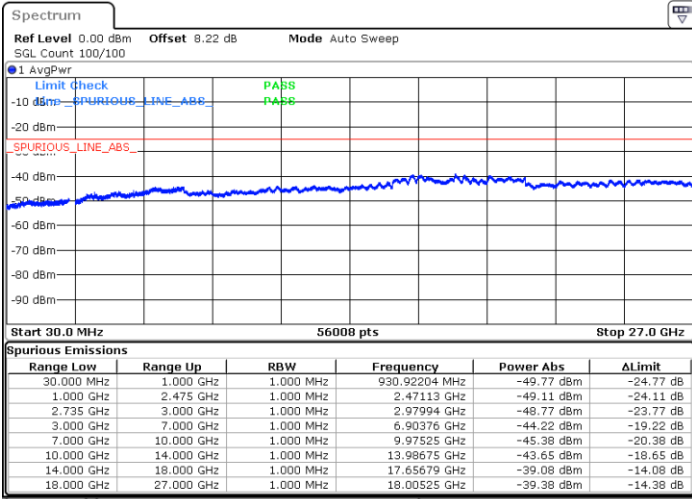


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

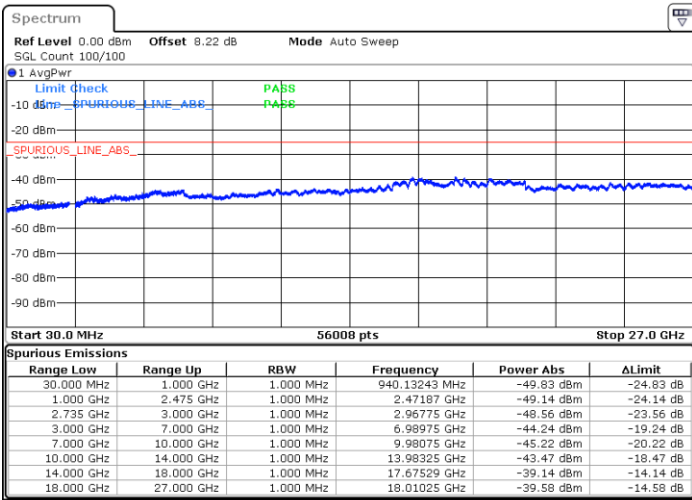


Date: 9.SEP.2022 17:10:42

Date: 9.SEP.2022 17:12:34

Highest Channel / 1RB49and 1RB0

N/A



Date: 9.SEP.2022 17:14:27

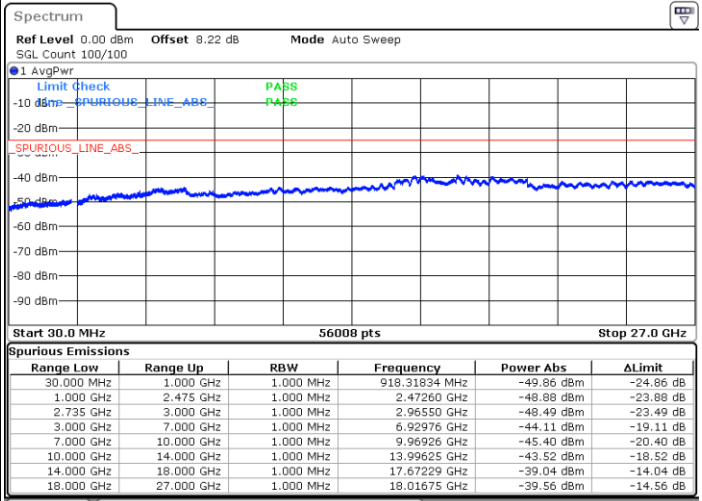
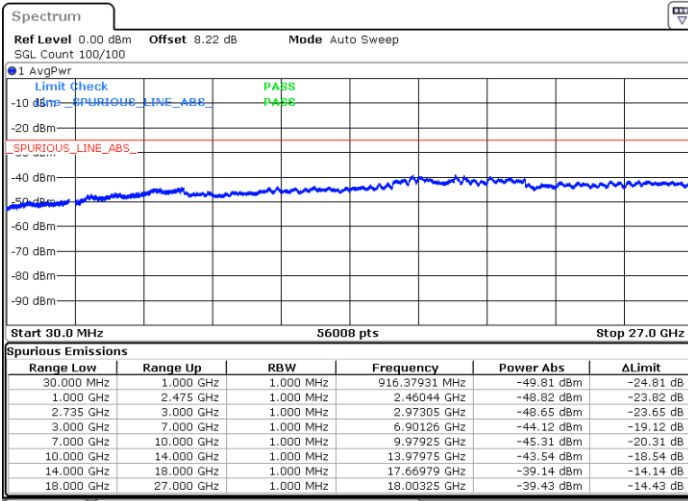


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

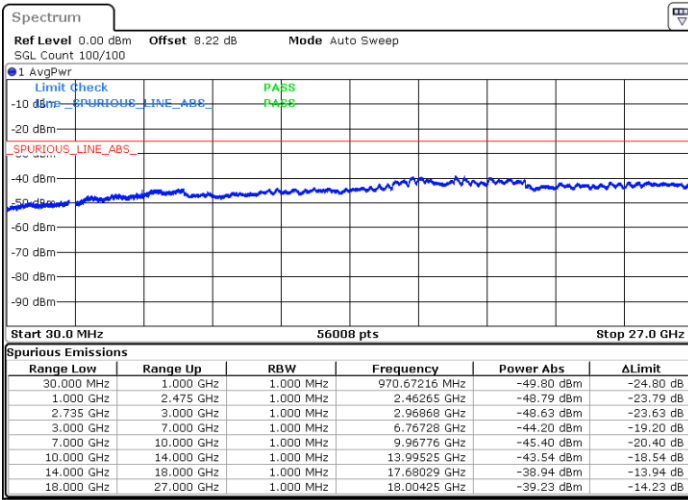


Date: 9.SEP.2022 17:42:33

Date: 9.SEP.2022 17:44:26

Highest Channel / 1RB49and 1RB0

N/A



Date: 9.SEP.2022 17:46:18

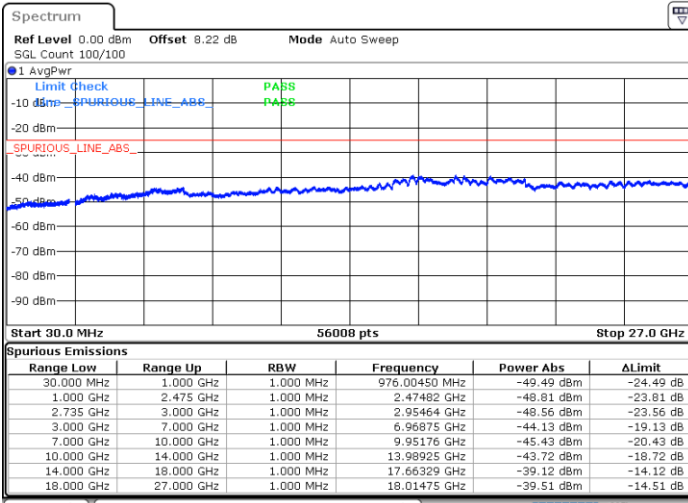


LTE Band 41C / 15MHz+10MHz

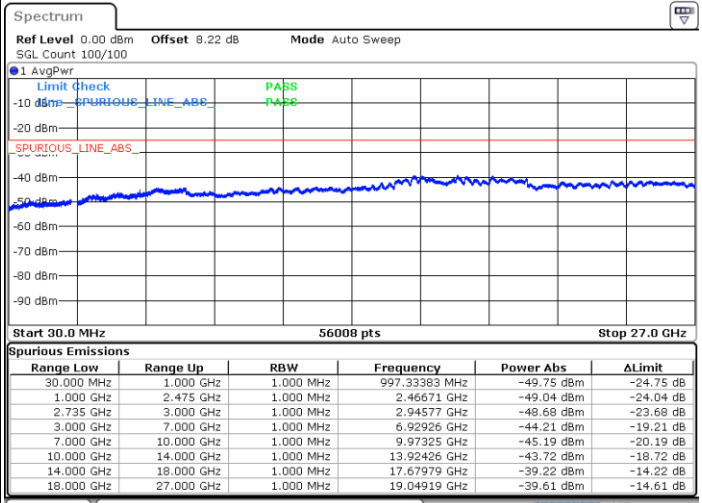
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0



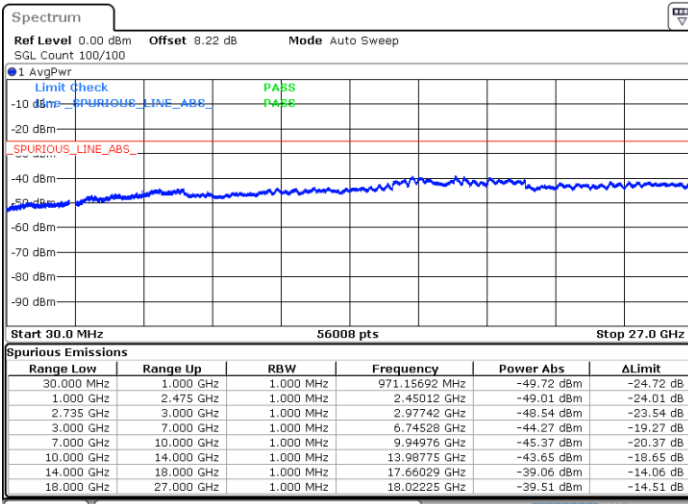
Date: 9.SEP.2022 18:15:34



Date: 9.SEP.2022 18:17:27

Highest Channel 1RB74 and 1RB0

N/A



Date: 9.SEP.2022 18:19:19

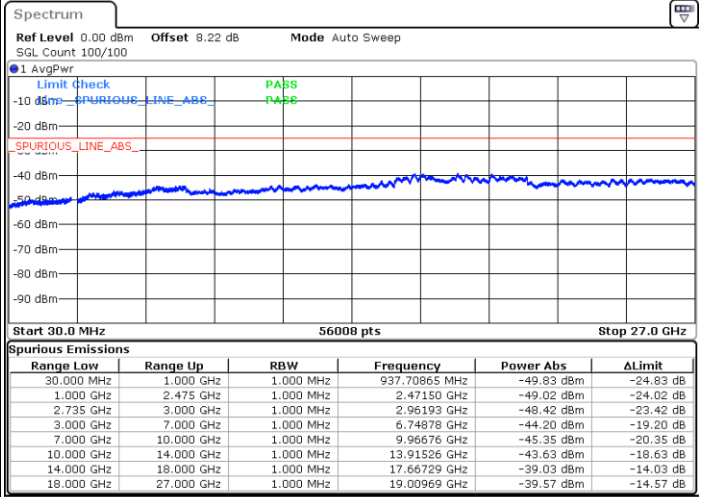
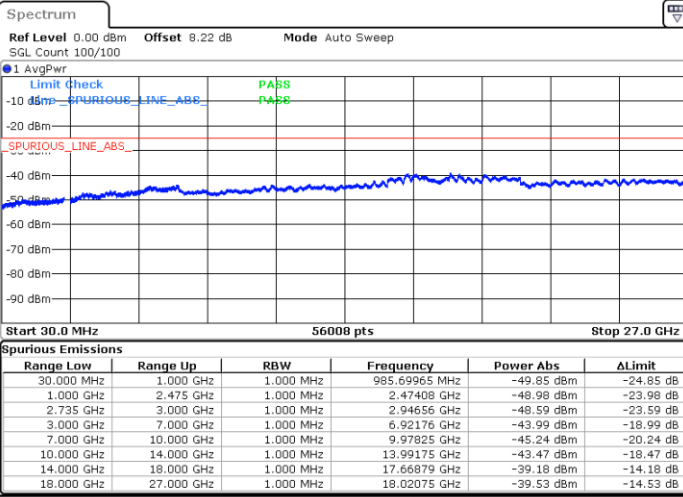


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

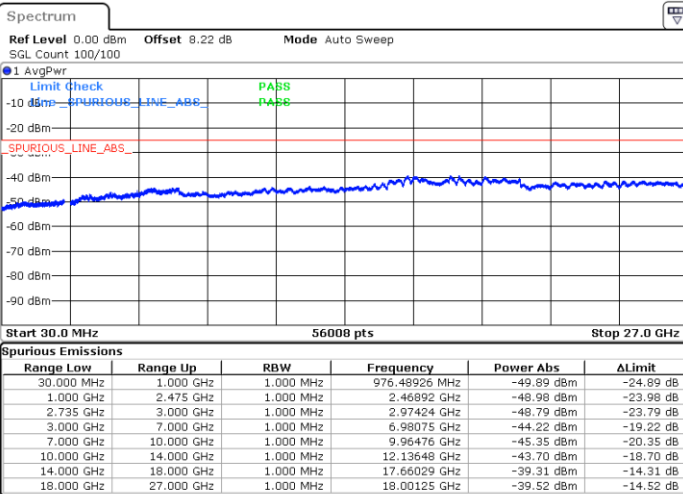


Date: 9.SEP.2022 18:50:53

Date: 9.SEP.2022 18:52:45

Highest Channel / 1RB74and 1RB0

N/A



Date: 9.SEP.2022 22:06:04

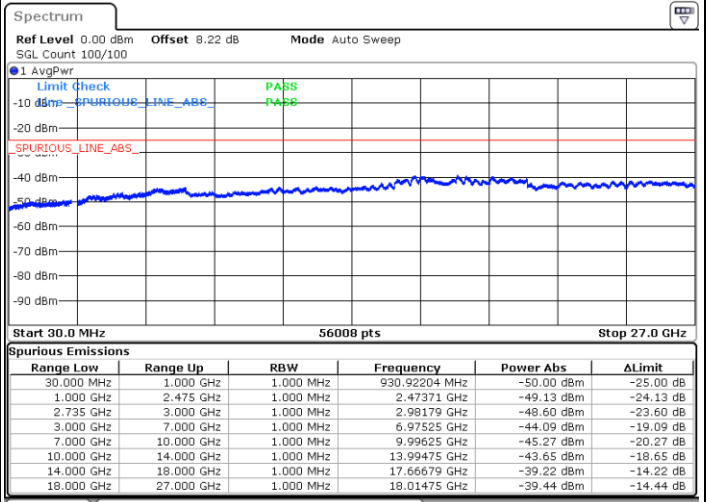
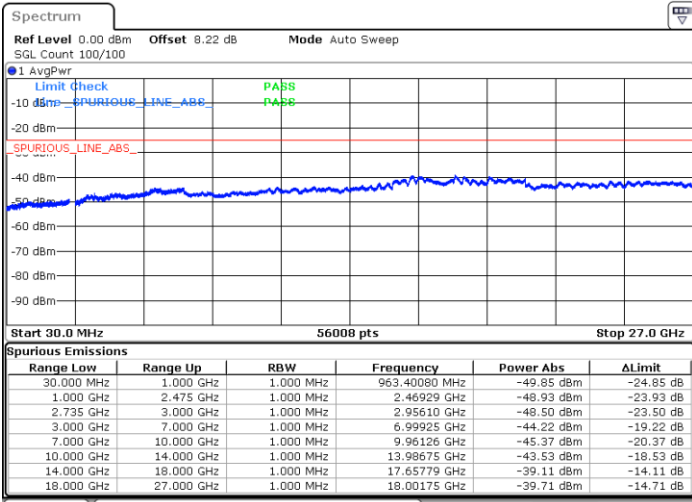


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

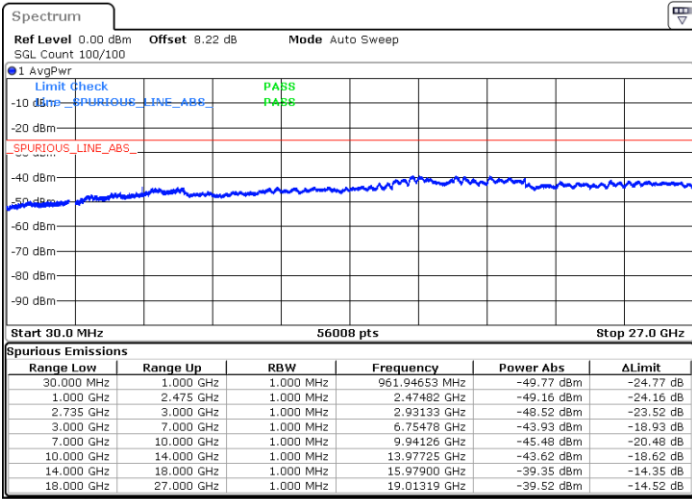


Date: 9.SEP.2022 22:43:59

Date: 9.SEP.2022 22:45:52

Highest Channel / 1RB49and 1RB0

N/A



Date: 9.SEP.2022 22:47:44

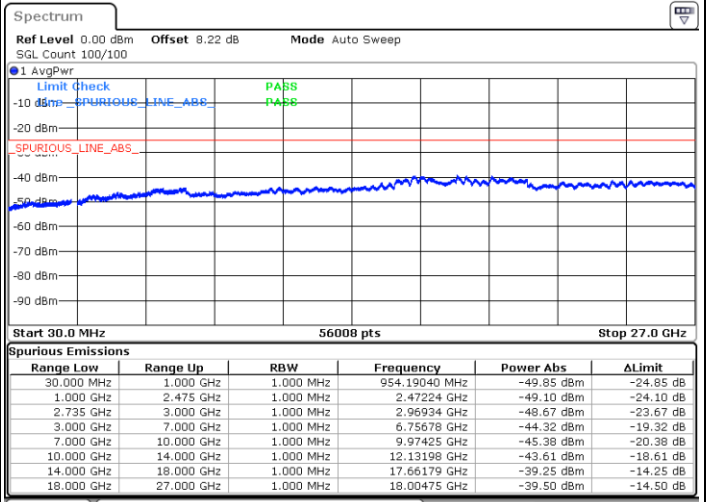
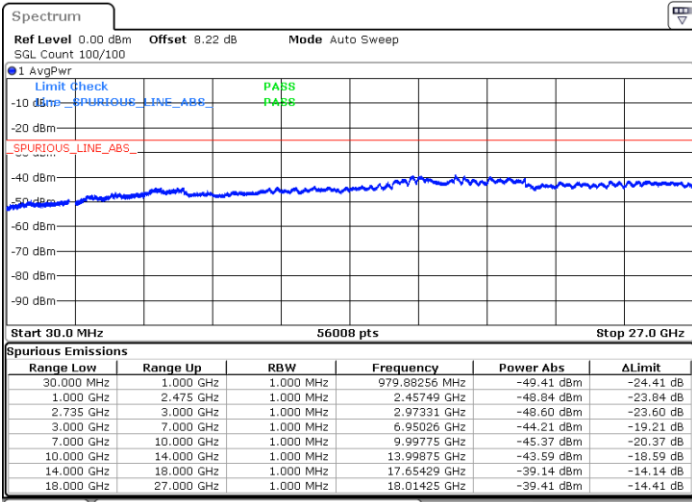


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

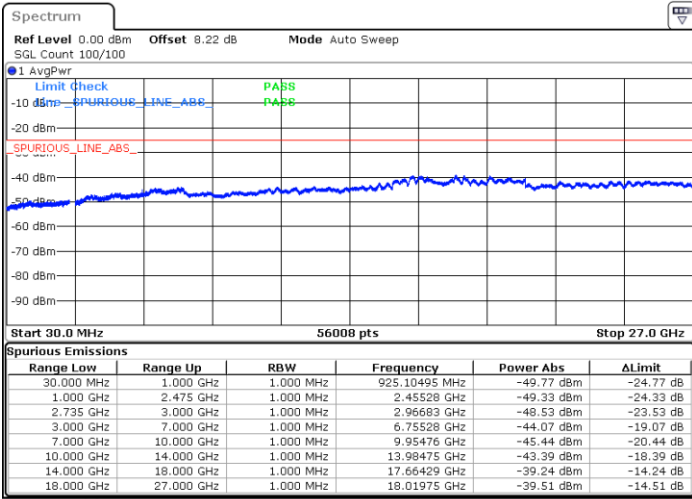


Date: 9.SEP.2022 23:15:59

Date: 9.SEP.2022 23:17:51

Highest Channel / 1RB99and 1RB0

N/A



Date: 9.SEP.2022 23:19:43

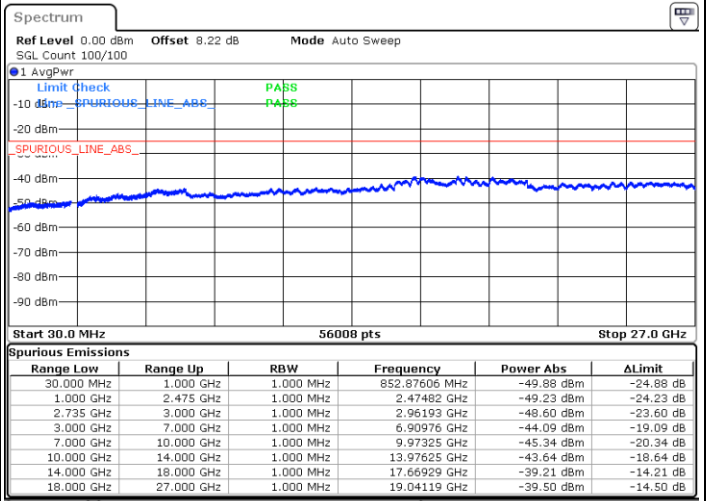
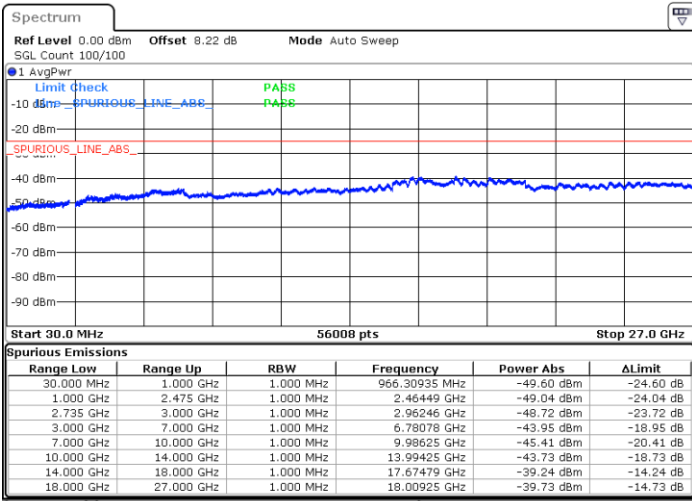


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

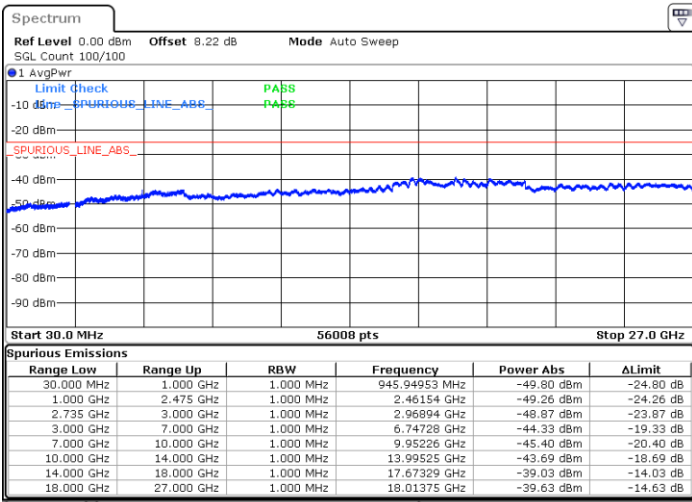


Date: 9.SEP.2022 23:47:47

Date: 9.SEP.2022 23:49:39

Highest Channel / 1RB99and 1RB0

N/A



Date: 9.SEP.2022 23:51:32

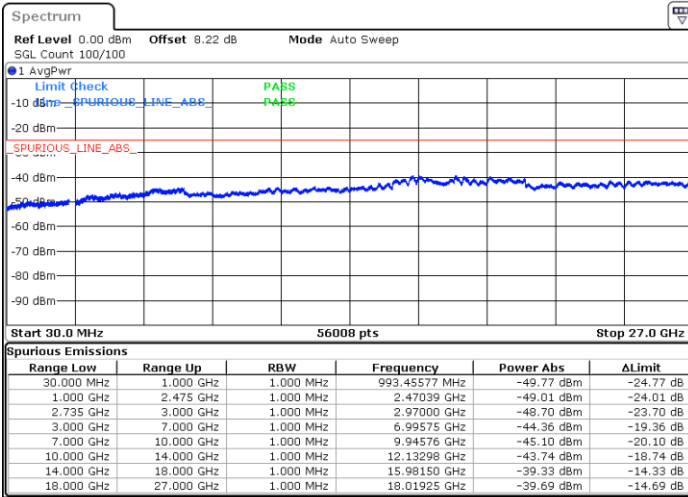


LTE Band 41C / 20MHz+15MHz

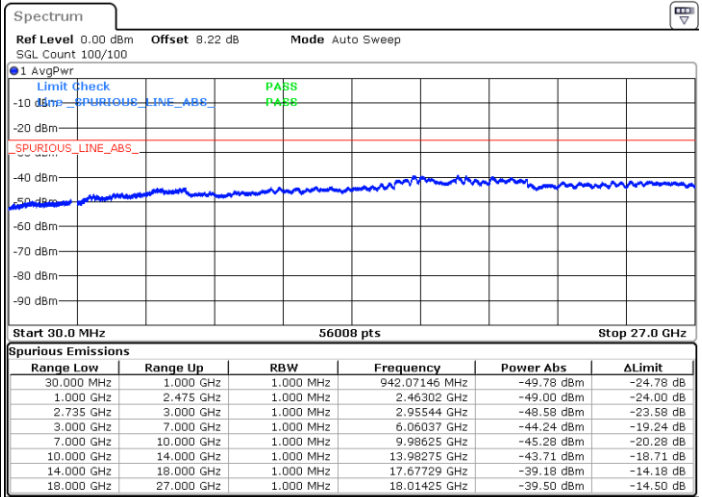
QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



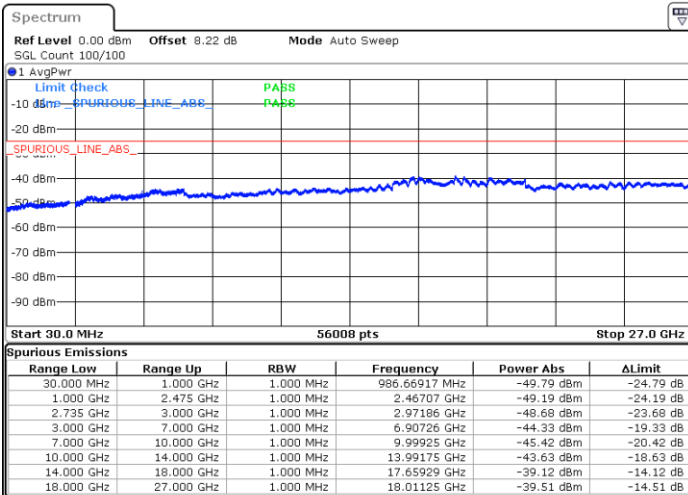
Date: 10.SEP.2022 00:19:36



Date: 10.SEP.2022 00:21:28

Highest Channel / 1RB99and 1RB0

N/A



Date: 10.SEP.2022 00:23:21

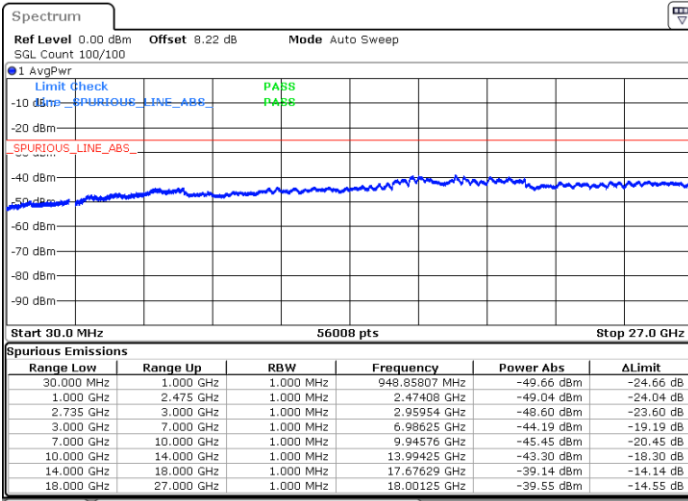


LTE Band 41C / 20MHz+20MHz

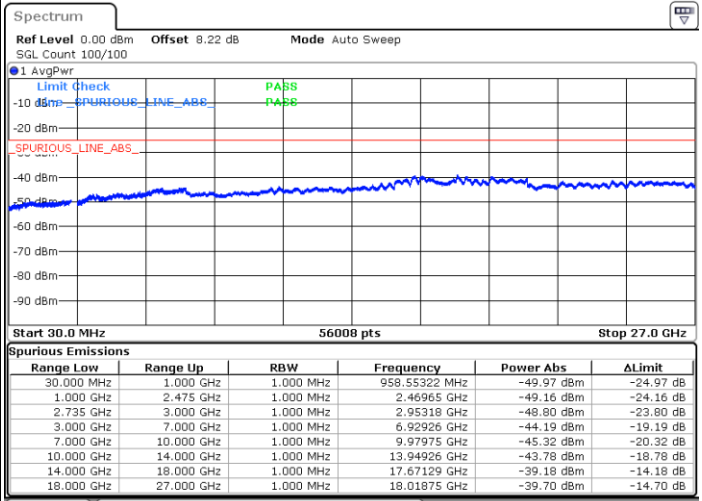
QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



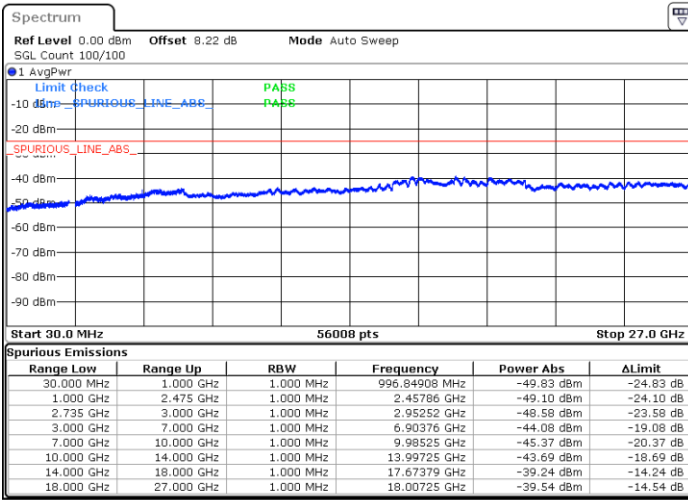
Date: 10.SEP.2022 00:51:26



Date: 10.SEP.2022 00:53:18

Highest Channel / 1RB99and 1RB0

N/A



Date: 10.SEP.2022 00:55:10



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

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 (ANT1)								
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	-62.40	-25	-37.40	-72.61	3.03	13.24	H
	7576	-63.65	-25	-38.65	-73.10	3.56	13.01	H
	10100	-61.16	-25	-36.16	-70.68	3.92	13.44	H
	5052	-60.46	-25	-35.46	-70.67	3.03	13.24	V
	7576	-63.04	-25	-38.04	-72.49	3.56	13.01	V
	10100	-61.42	-25	-36.42	-70.94	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK (ANT4)								
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	-64.16	-25	-39.16	-74.37	3.03	13.24	H
	7752	-57.95	-25	-32.95	-67.40	3.56	13.01	H
	10340	-60.96	-25	-35.96	-70.48	3.92	13.44	H
	5168	-64.35	-25	-39.35	-74.56	3.03	13.24	V
	7752	-59.41	-25	-34.41	-68.86	3.56	13.01	V
	10340	-61.51	-25	-36.51	-71.03	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 (ANT1)								
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	-62.72	-25	-37.72	-72.93	3.03	13.24	H
	5068	-63.64	-25	-38.64	-73.09	3.56	13.01	H
	7548	-61.91	-25	-36.91	-71.43	3.92	13.44	H
	7600	-62.68	-25	-37.68	-72.60	4.44	14.36	H
	10060	-61.89	-25	-36.89	-72.26	4.77	15.14	H
	10140	-61.76	-25	-36.76	-72.13	4.79	15.16	H
	5032	-63.26	-25	-38.26	-73.47	3.03	13.24	V
	5068	-63.46	-25	-38.46	-72.91	3.56	13.01	V
	7548	-63.00	-25	-38.00	-72.52	3.92	13.44	V
	7600	-62.79	-25	-37.79	-72.71	4.44	14.36	V
	10060	-62.00	-25	-37.00	-72.37	4.77	15.14	V
	10140	-61.77	-25	-36.77	-72.14	4.79	15.16	V

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



LTE Band 38C_CA / 20MHz+20MHz / QPSK (ANT1)								
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	-60.06	-25	-35.06	-70.27	3.03	13.24	H
	5188	-63.51	-25	-38.51	-72.96	3.56	13.01	H
	7728	-60.73	-25	-35.73	-70.25	3.92	13.44	H
	7784	-61.87	-25	-36.87	-71.79	4.44	14.36	H
	10300	-62.53	-25	-37.53	-72.90	4.79	15.16	H
	10380	-61.94	-25	-36.94	-72.33	4.80	15.19	H
	5152	-59.16	-25	-34.16	-69.37	3.03	13.24	V
	5188	-63.39	-25	-38.39	-72.84	3.56	13.01	V
	7728	-60.65	-25	-35.65	-70.17	3.92	13.44	V
	7784	-62.06	-25	-37.06	-71.98	4.44	14.36	V
	10300	-62.48	-25	-37.48	-72.85	4.77	15.14	V
	10380	-61.30	-25	-36.30	-71.69	4.80	15.19	V

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

LTE Band 41C_CA / 20MHz+20MHz / QPSK (ANT4)								
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	5148	-62.62	-25	-37.62	-72.83	3.03	13.24	H
	5184	-63.40	-25	-38.40	-72.85	3.56	13.01	H
	7720	-61.42	-25	-36.42	-70.94	3.92	13.44	H
	7776	-62.23	-25	-37.23	-72.15	4.44	14.36	H
	10300	-62.19	-25	-37.19	-72.56	4.79	15.16	H
	10370	-61.92	-25	-36.92	-72.31	4.80	15.19	H
	5148	-63.11	-25	-38.11	-73.32	3.03	13.24	V
	5184	-63.48	-25	-38.48	-72.93	3.56	13.01	V
	7720	-61.06	-25	-36.06	-70.58	3.92	13.44	V
	7776	-62.34	-25	-37.34	-72.26	4.44	14.36	V
	10300	-62.36	-25	-37.36	-72.73	4.77	15.14	V
	10370	-61.46	-25	-36.46	-71.85	4.80	15.19	V

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