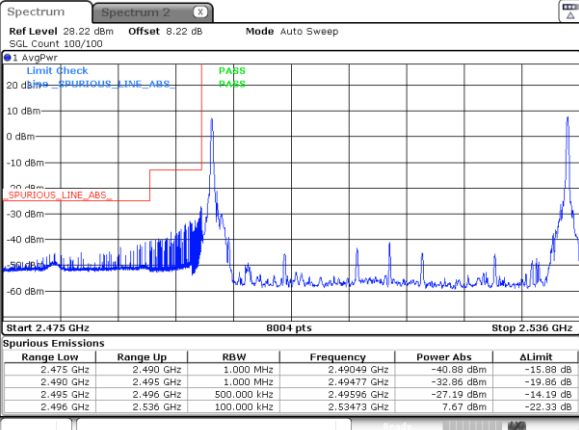




LTE Band 41C / 20MHz+20MHz

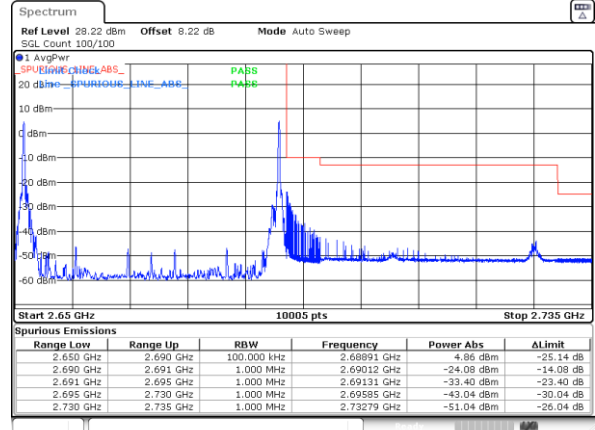
16QAM

Lowest Band Edge / 1RB0 and 1RB9



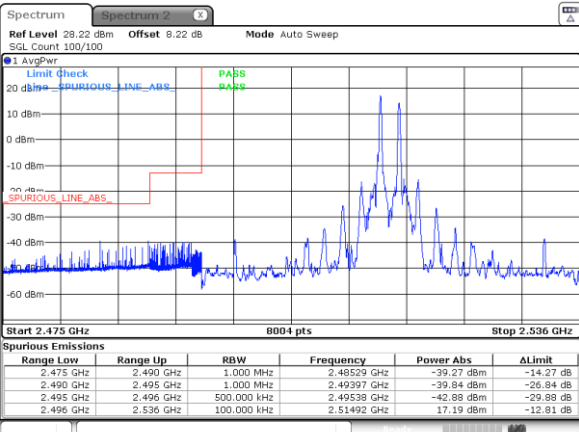
Date: 14 JUN 2023 07:31:47

Highest Band Edge / 1RB0 and 1RB9



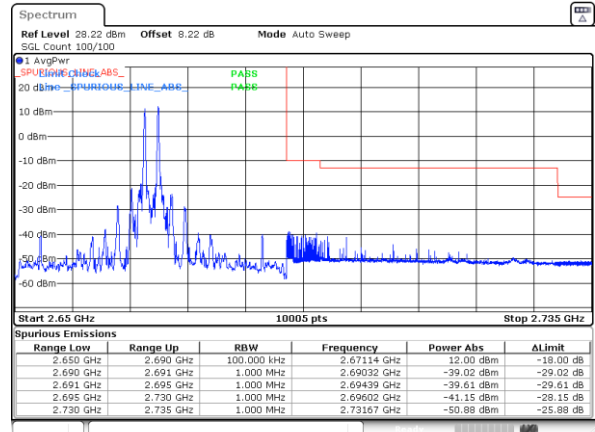
Date: 15 JUN 2023 02:59:07

Lowest Band Edge / 1RB99 and 1RB0



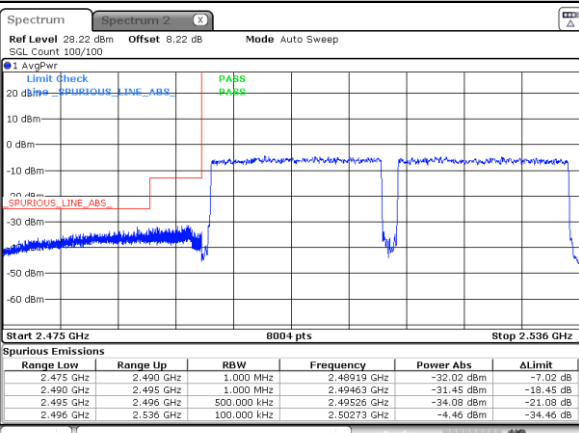
Date: 14 JUN 2023 07:29:11

Highest Band Edge / 1RB99 and 1RB0



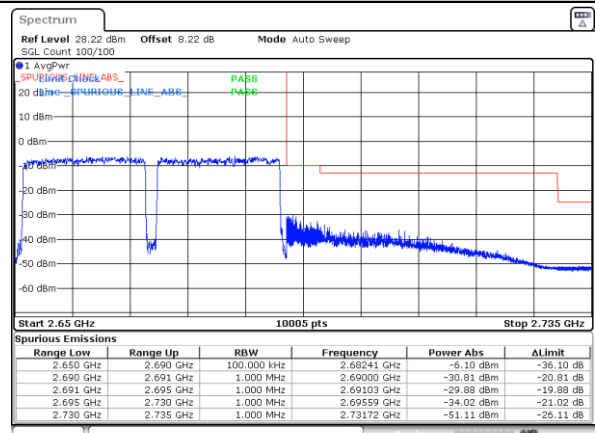
Date: 15 JUN 2023 02:55:51

Lowest Band Edge / Full RB



Date: 14 JUN 2023 07:34:23

Highest Band Edge / Full RB



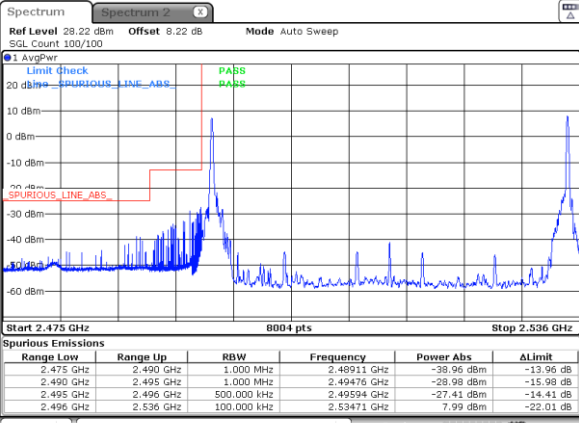
Date: 15 JUN 2023 03:02:24



LTE Band 41C / 20MHz+20MHz

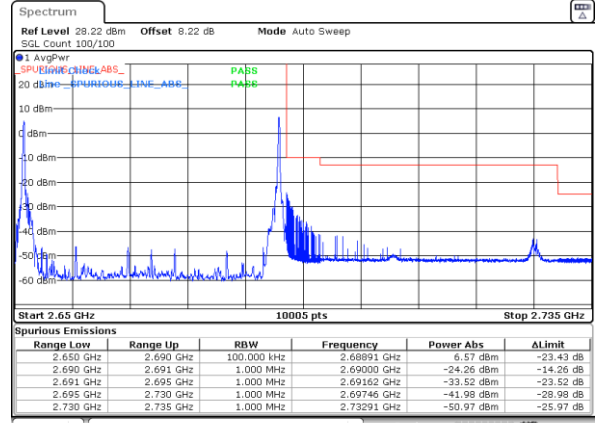
64QAM

Lowest Band Edge / 1RB0 and 1RB9



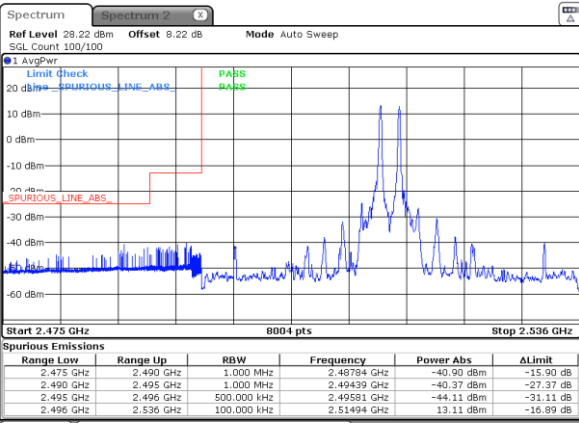
Date: 14 JUN 2023 07:32:26

Highest Band Edge / 1RB0 and 1RB9



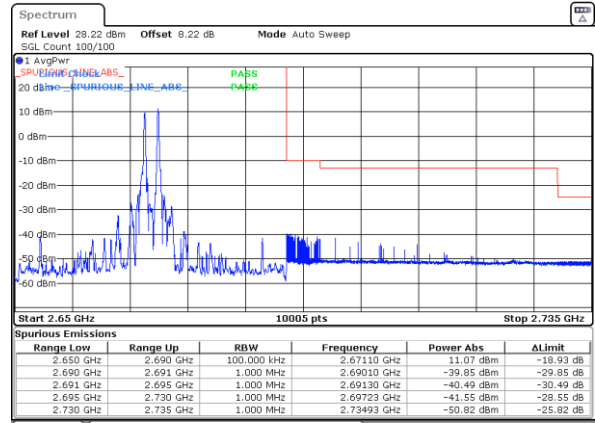
Date: 15 JUN 2023 02:59:57

Lowest Band Edge / 1RB99 and 1RB0



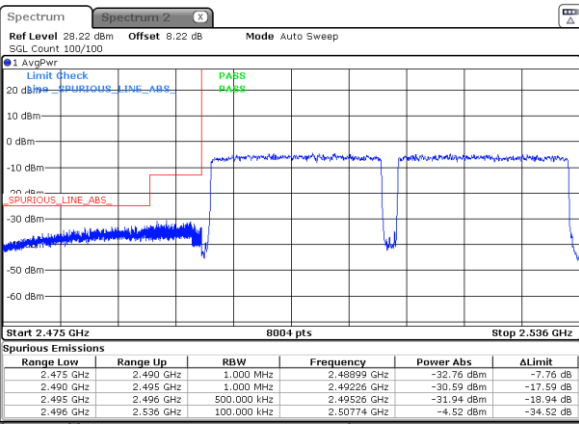
Date: 14 JUN 2023 07:29:50

Highest Band Edge / 1RB99 and 1RB0



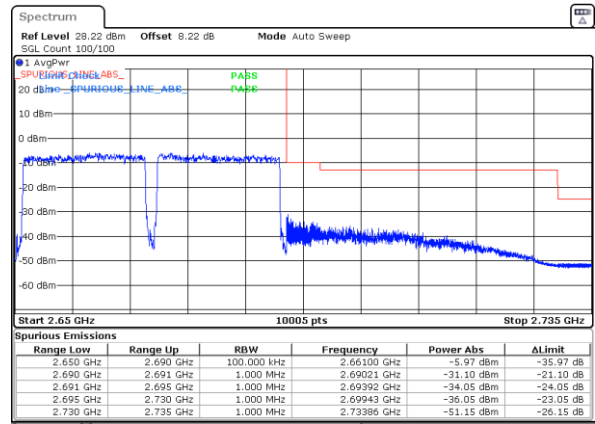
Date: 15 JUN 2023 02:56:40

Lowest Band Edge / Full RB



Date: 14 JUN 2023 07:35:02

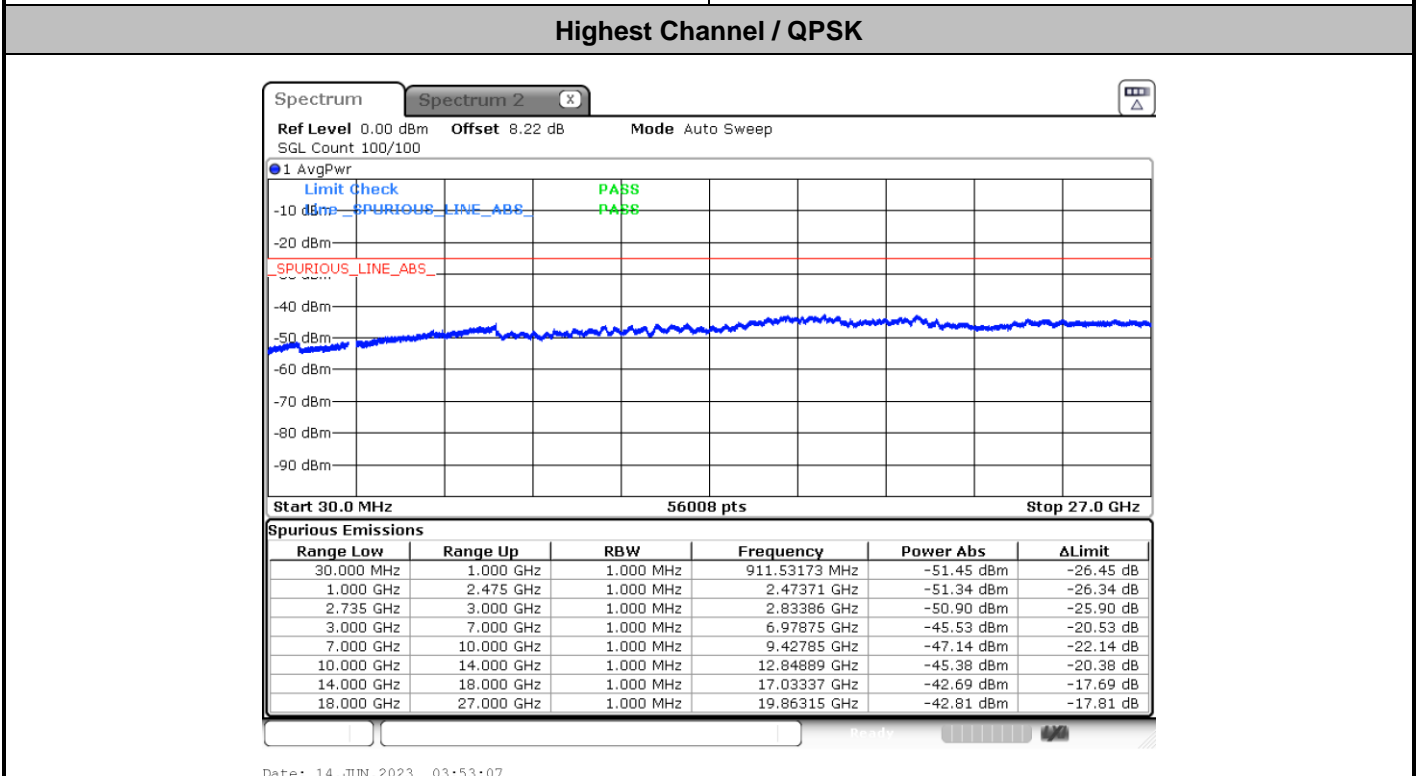
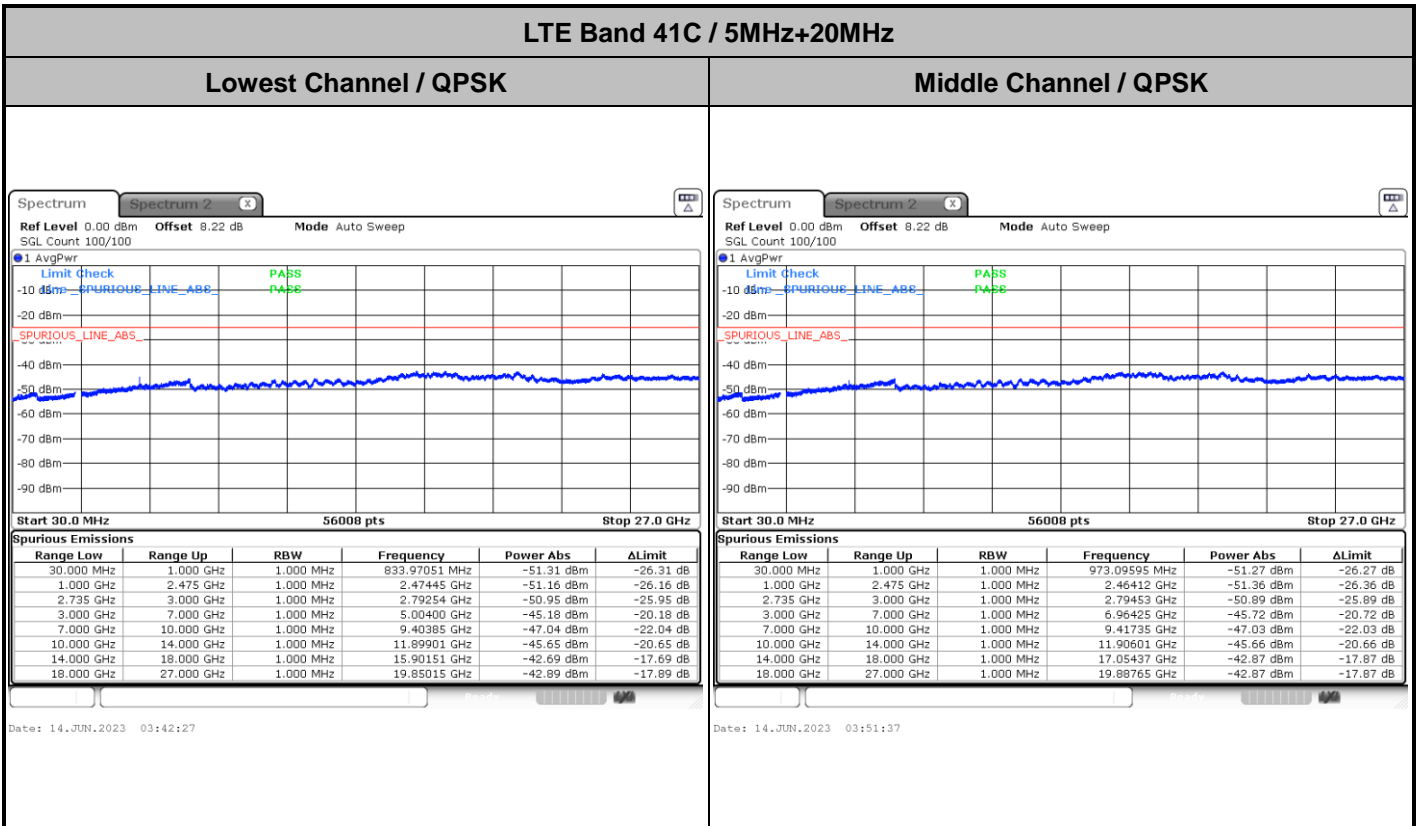
Highest Band Edge / Full RB



Date: 15 JUN 2023 03:03:13



# Conducted Spurious Emission

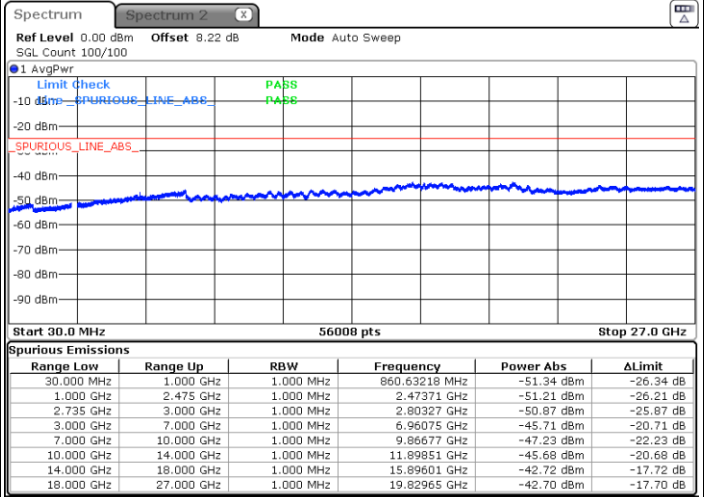
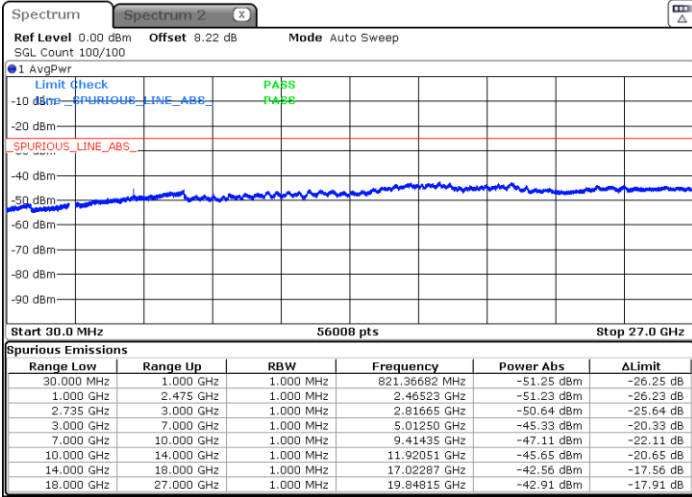




LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK

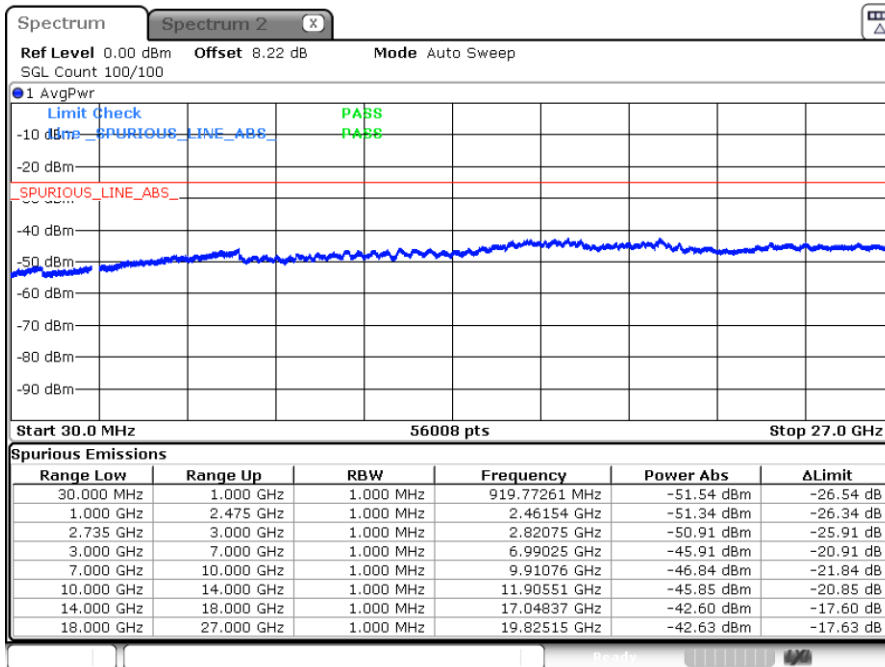
Middle Channel / QPSK



Date: 14. JUN. 2023 04:06:56

Date: 14. JUN. 2023 04:17:33

Highest Channel / QPSK



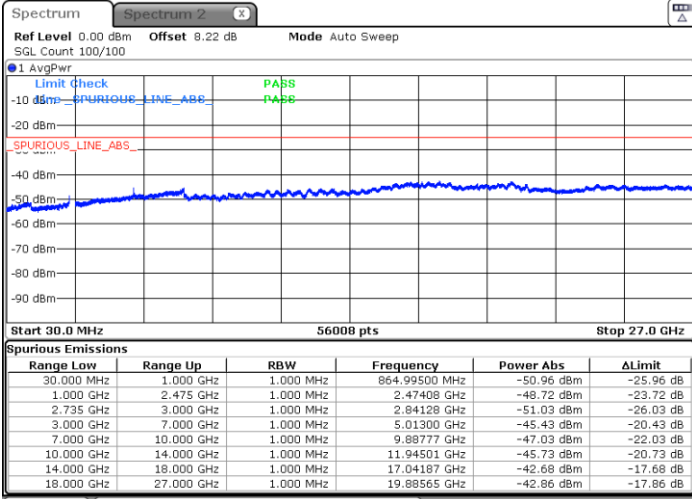
Date: 14. JUN. 2023 04:20:01



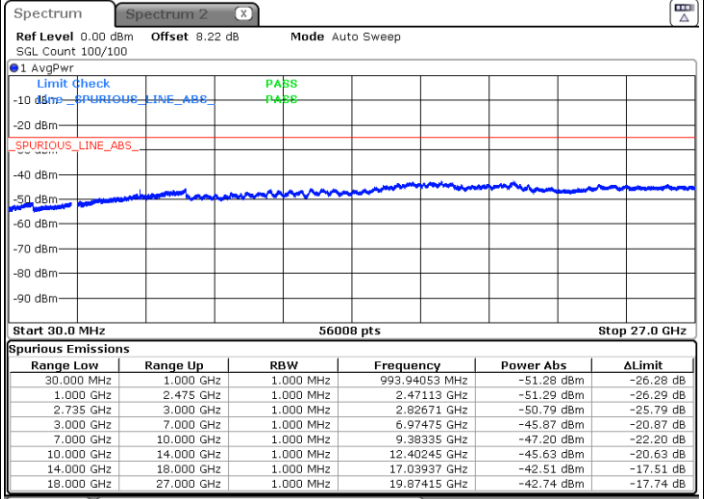
LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

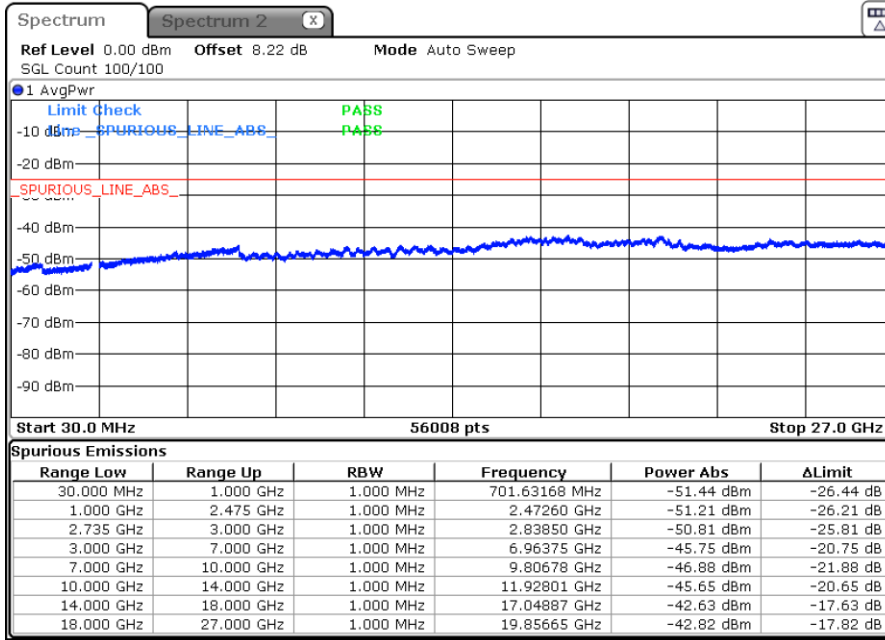


Date: 14. JUN. 2023 04:29:12



Date: 14. JUN. 2023 04:40:01

Highest Channel / QPSK



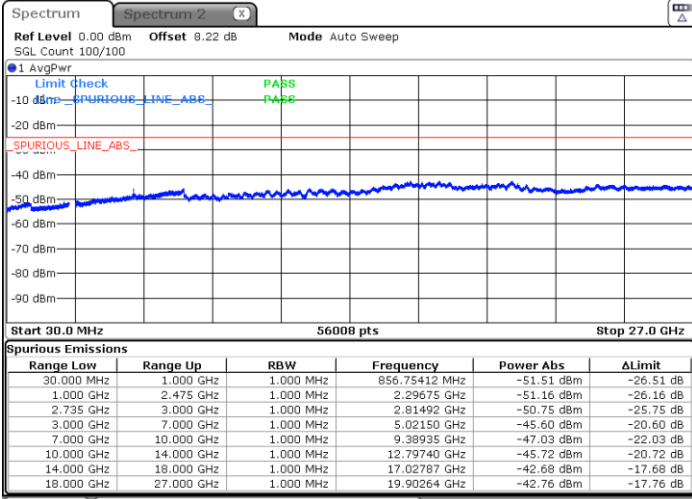
Date: 14. JUN. 2023 04:42:13



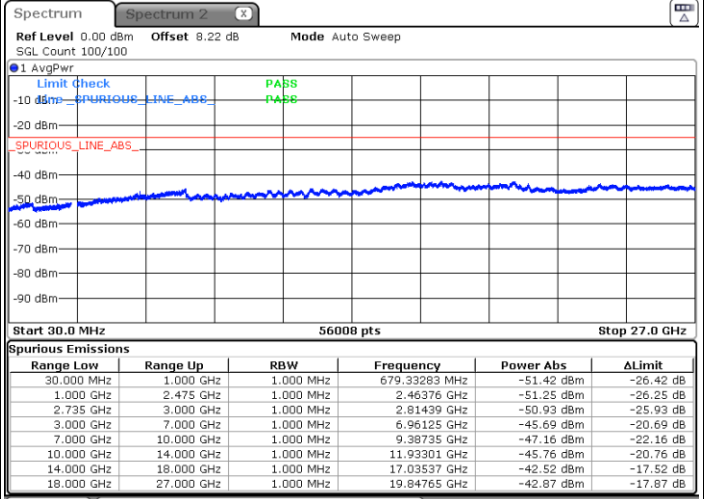
LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

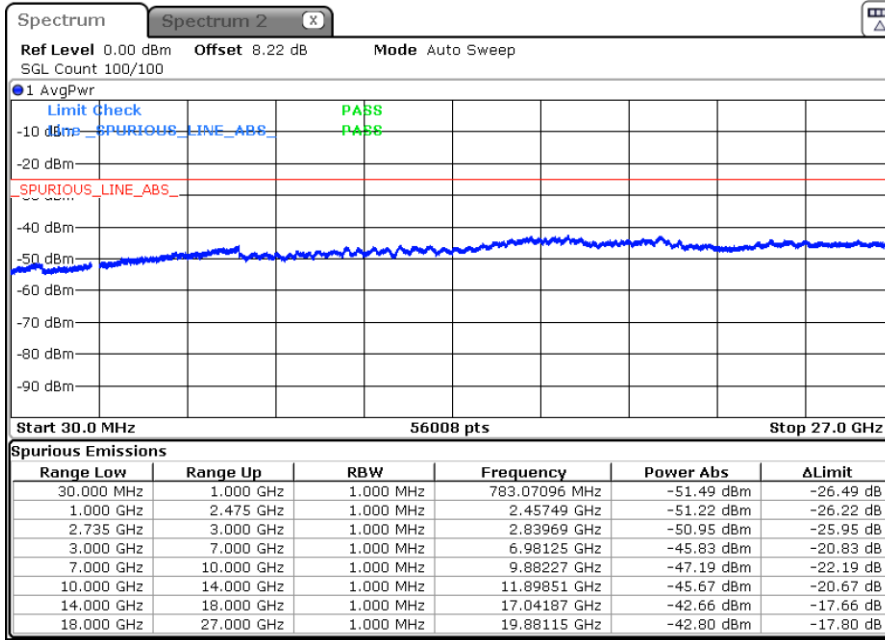


Date: 14. JUN. 2023 04:59:05



Date: 14. JUN. 2023 05:08:48

Highest Channel / QPSK



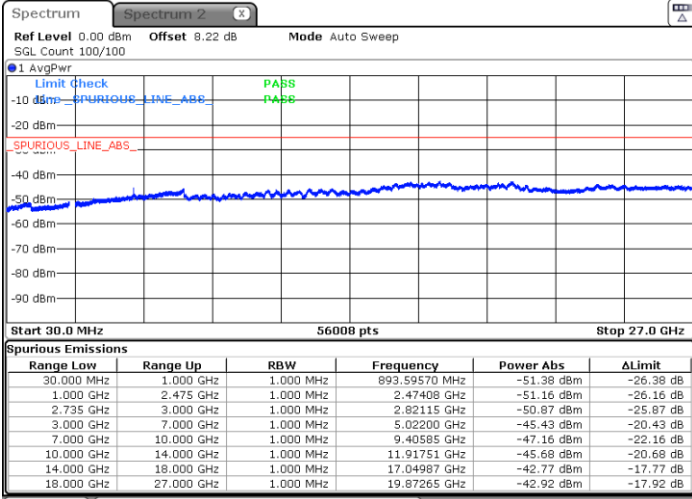
Date: 14. JUN. 2023 05:15:26



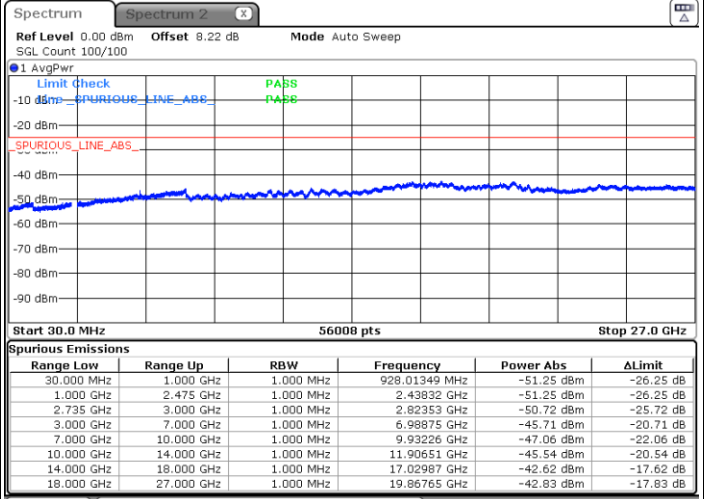
LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

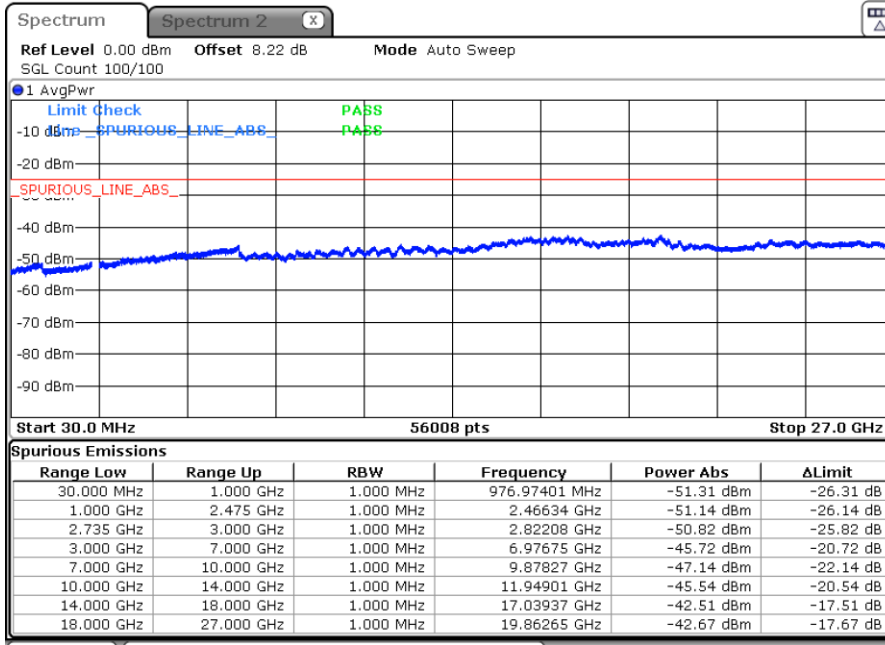


Date: 14. JUN. 2023 05:24:39



Date: 14. JUN. 2023 05:37:21

Highest Channel / QPSK



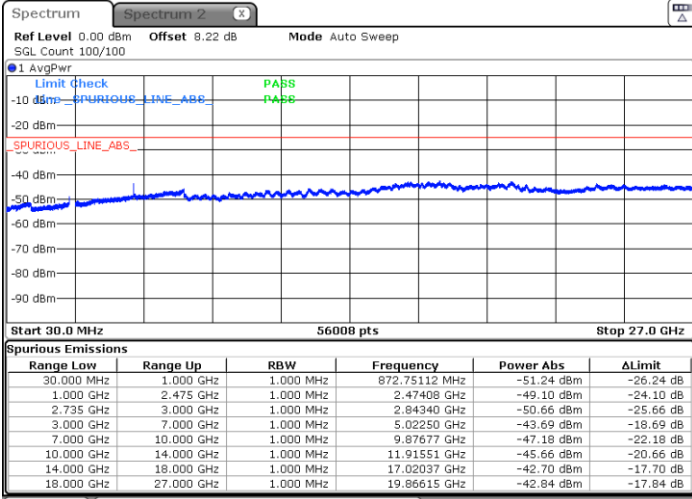
Date: 14. JUN. 2023 05:38:52



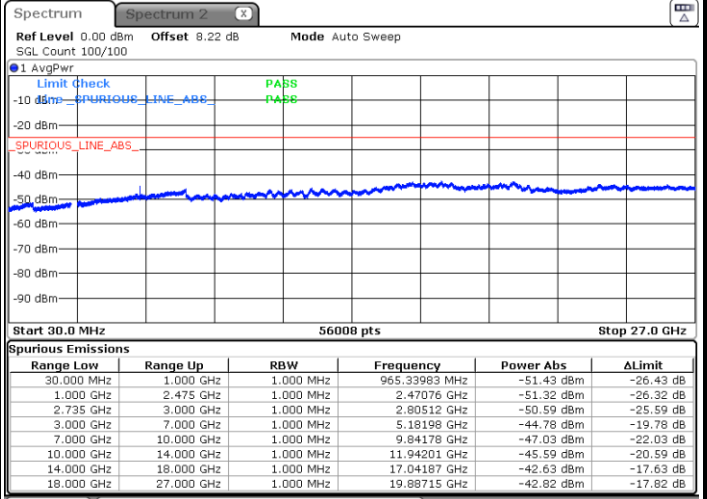
LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

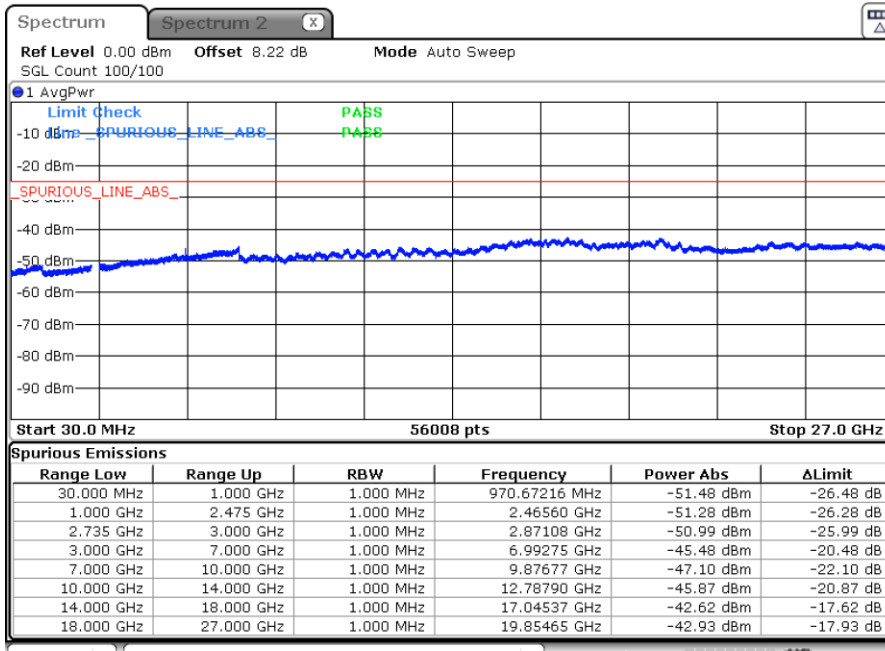


Date: 14. JUN. 2023 05:50:24



Date: 14. JUN. 2023 05:59:42

Highest Channel / QPSK



Date: 14. JUN. 2023 06:07:31

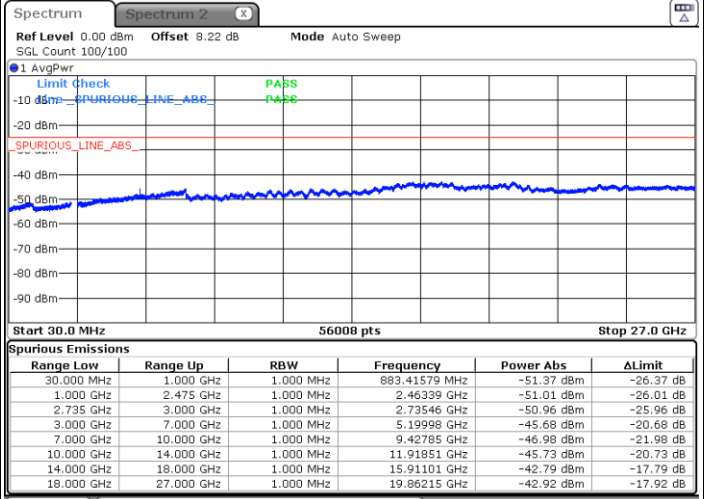
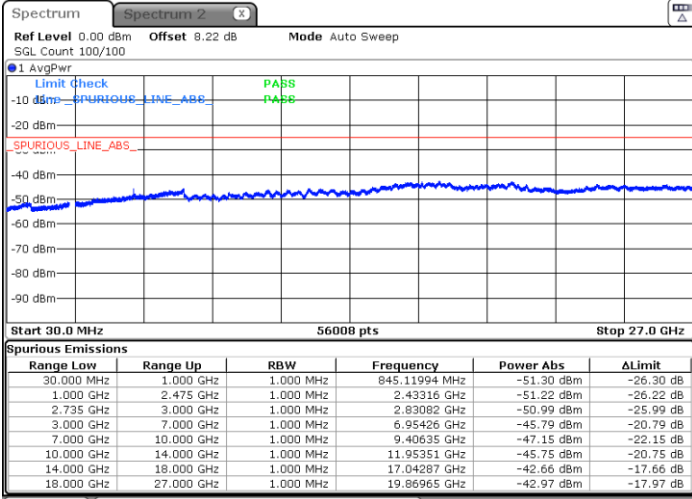




LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

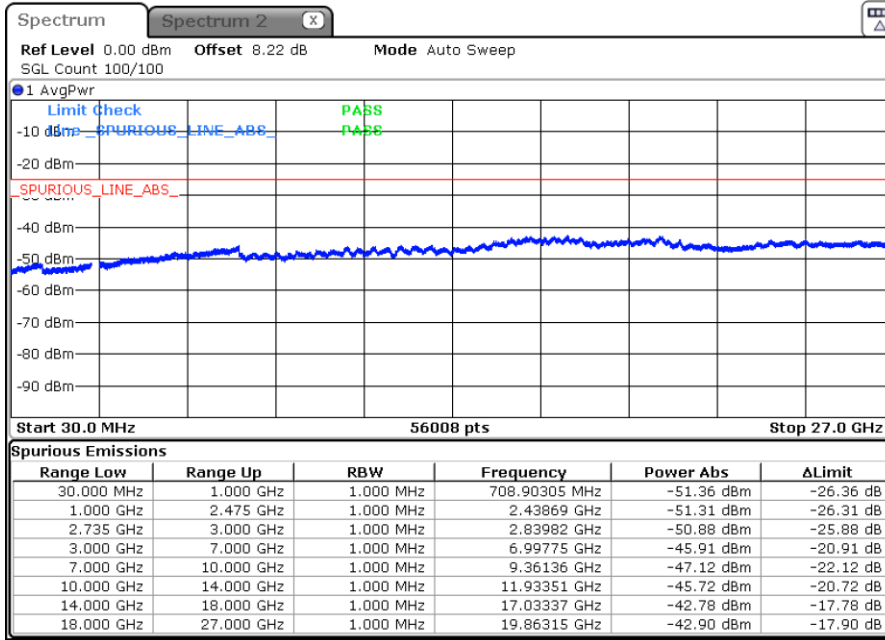
Middle Channel / QPSK



Date: 14. JUN. 2023 06:21:05

Date: 14. JUN. 2023 06:30:12

Highest Channel / QPSK



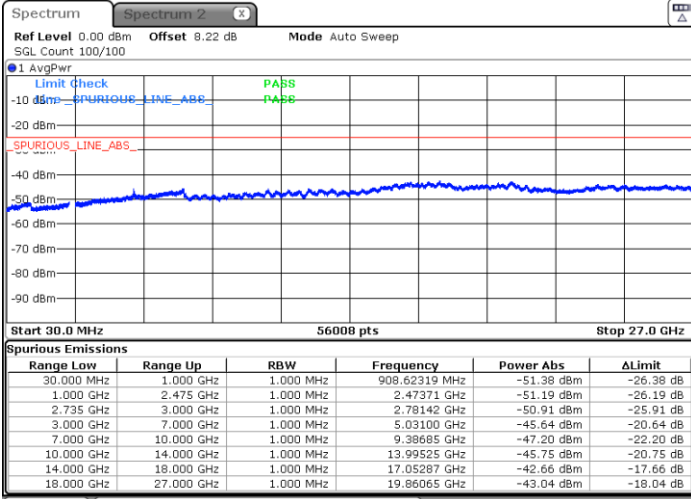
Date: 14. JUN. 2023 06:32:49



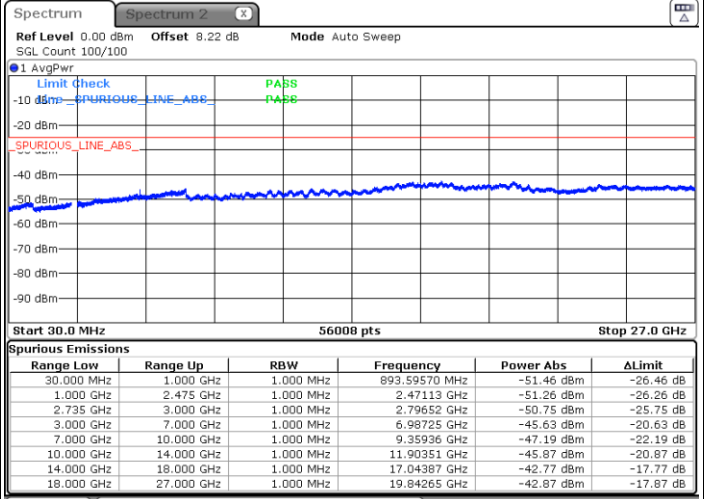
LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

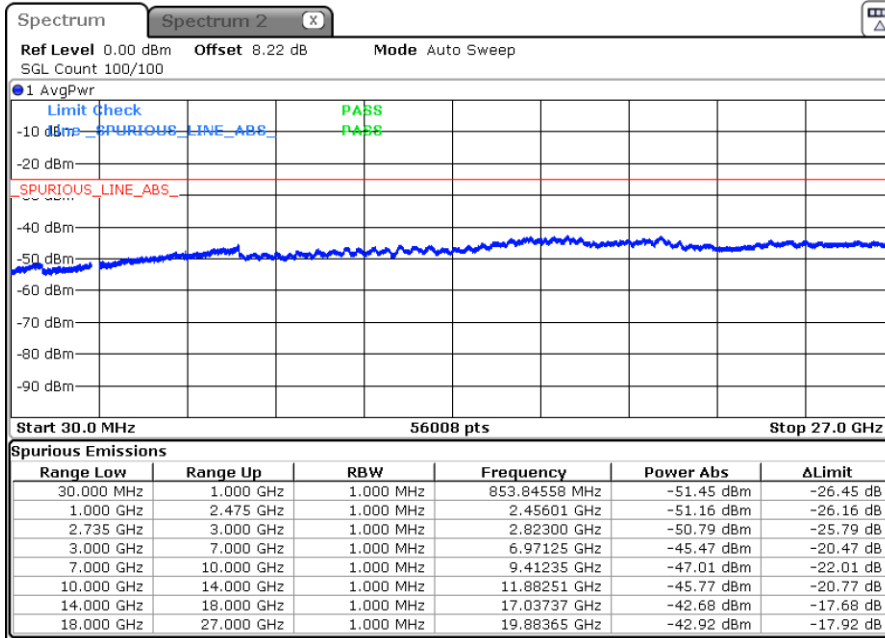


Date: 14. JUN. 2023 06:42:03



Date: 14. JUN. 2023 06:51:21

Highest Channel / QPSK



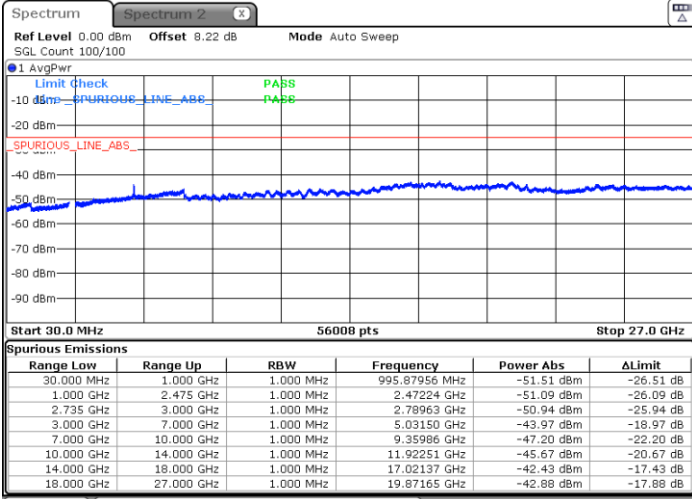
Date: 14. JUN. 2023 06:55:43



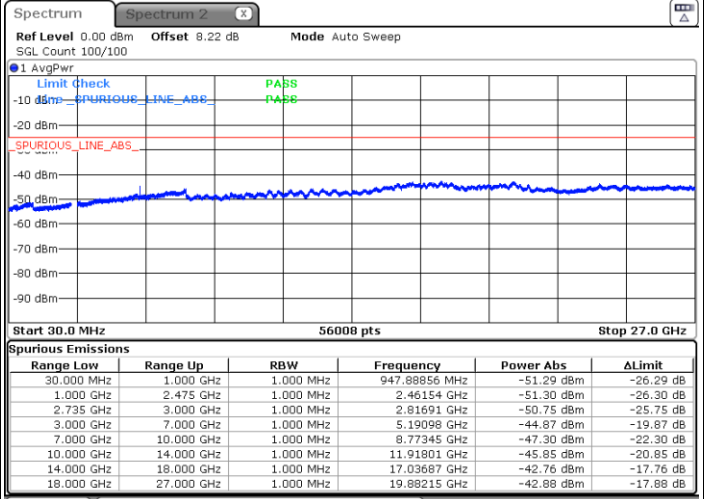
LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

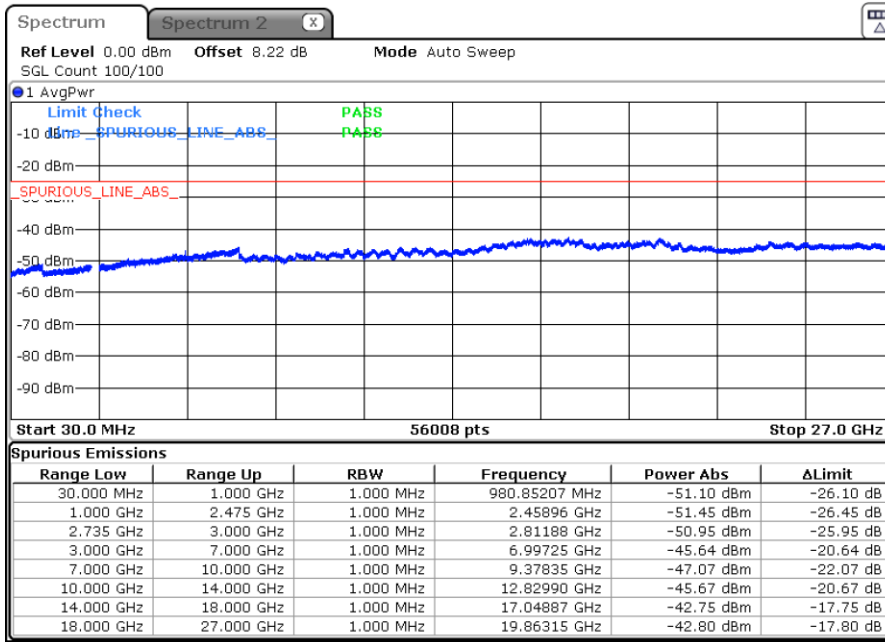


Date: 14. JUN. 2023 07:04:57



Date: 14. JUN. 2023 07:16:48

Highest Channel / QPSK



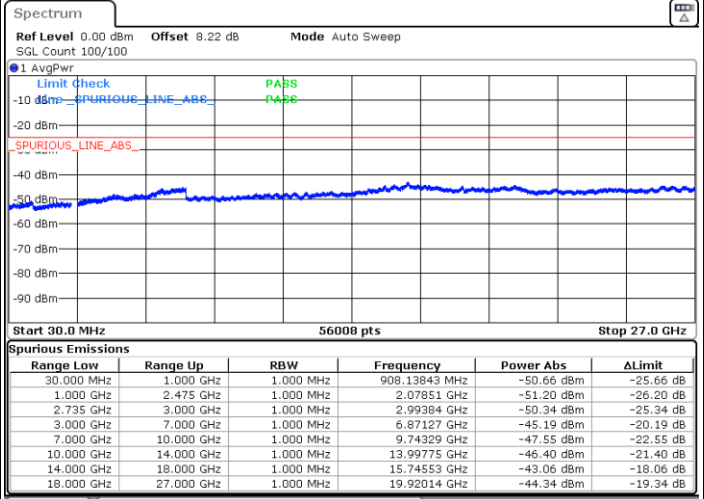
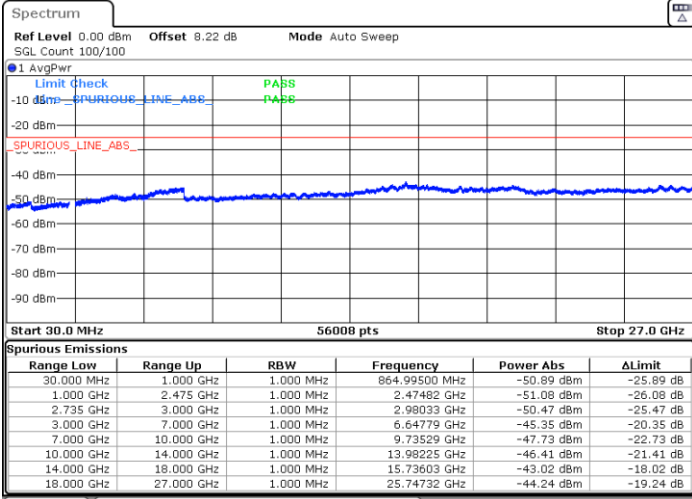
Date: 14. JUN. 2023 07:18:40



LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

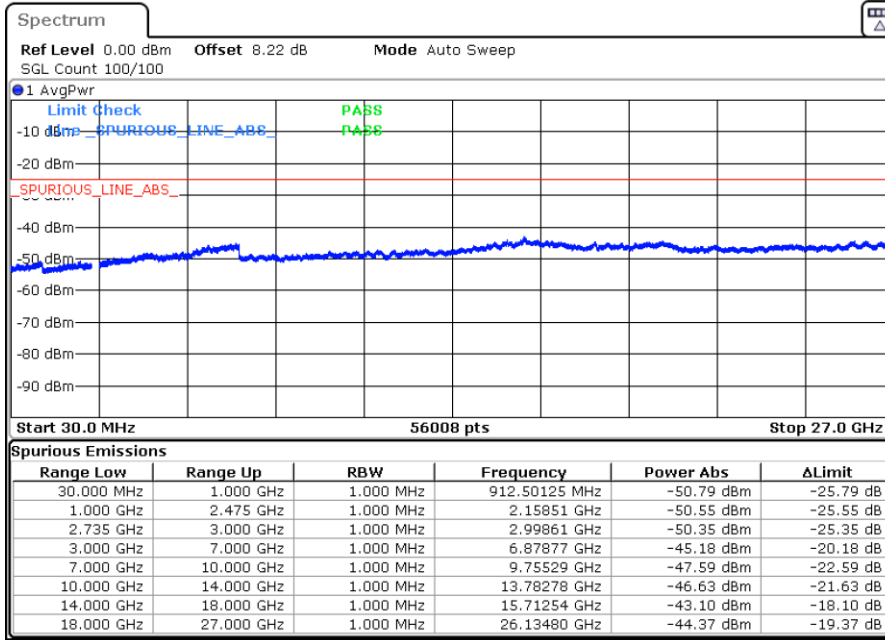
Middle Channel / QPSK



Date: 15 JUN 2023 03:45:29

Date: 15 JUN 2023 03:43:52

Highest Channel / QPSK



Date: 15 JUN 2023 03:42:20



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 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

Test Engineer :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst antenna perform final test and record in the report.

### PCC 1RB0:

LTE Band 41C_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	5148	-63.12	-25	-38.12	-73.33	3.03	13.24	H
	7724	-61.75	-25	-36.75	-71.20	3.56	13.01	H
	10300	-61.27	-25	-36.27	-70.79	3.92	13.44	H
	5148	-63.2	-25	-38.20	-73.41	3.03	13.24	V
	7724	-62.01	-25	-37.01	-71.46	3.56	13.01	V
	10300	-61.73	-25	-36.73	-71.25	3.92	13.44	V

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

### SCC 1RBMAX:

LTE Band 41C_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	5190	-62.54	-25	-37.54	-72.75	3.03	13.24	H
	7780	-62.11	-25	-37.11	-71.56	3.56	13.01	H
	10370	-61.4	-25	-36.40	-70.92	3.92	13.44	H
	5190	-62.56	-25	-37.56	-72.77	3.03	13.24	V
	7780	-62.01	-25	-37.01	-71.46	3.56	13.01	V
	10370	-61.43	-25	-36.43	-70.95	3.92	13.44	V

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