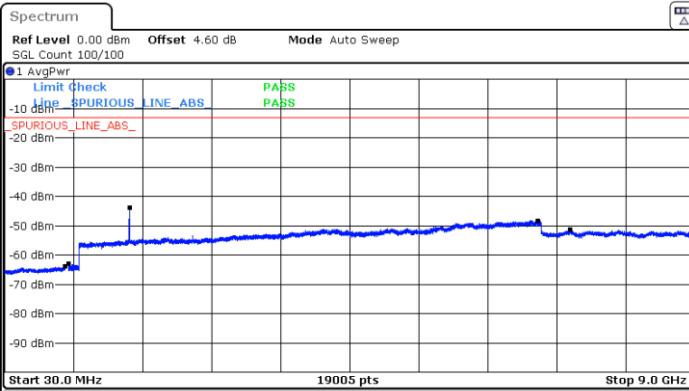




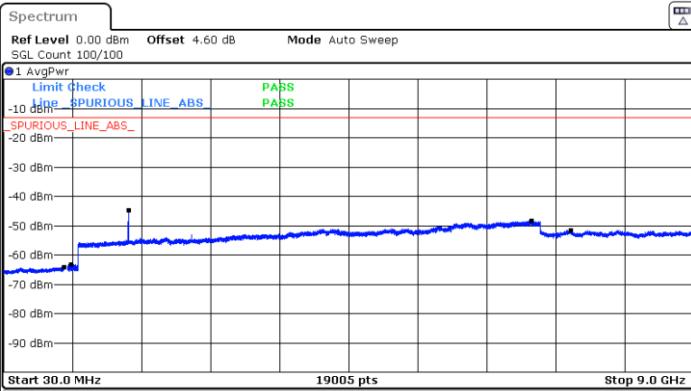
## LTE Band 5 / 1.4MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



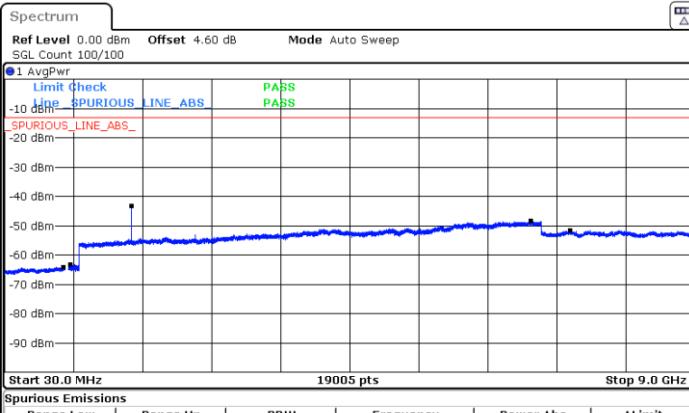
Date: 20.JUN.2019 14:21:07



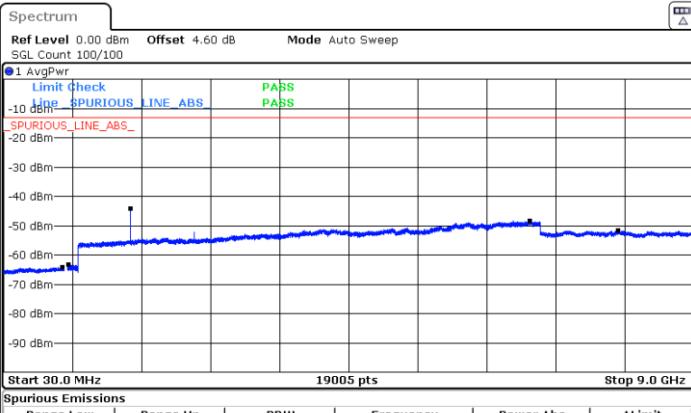
Date: 20.JUN.2019 14:22:02

## Middle Channel / QPSK

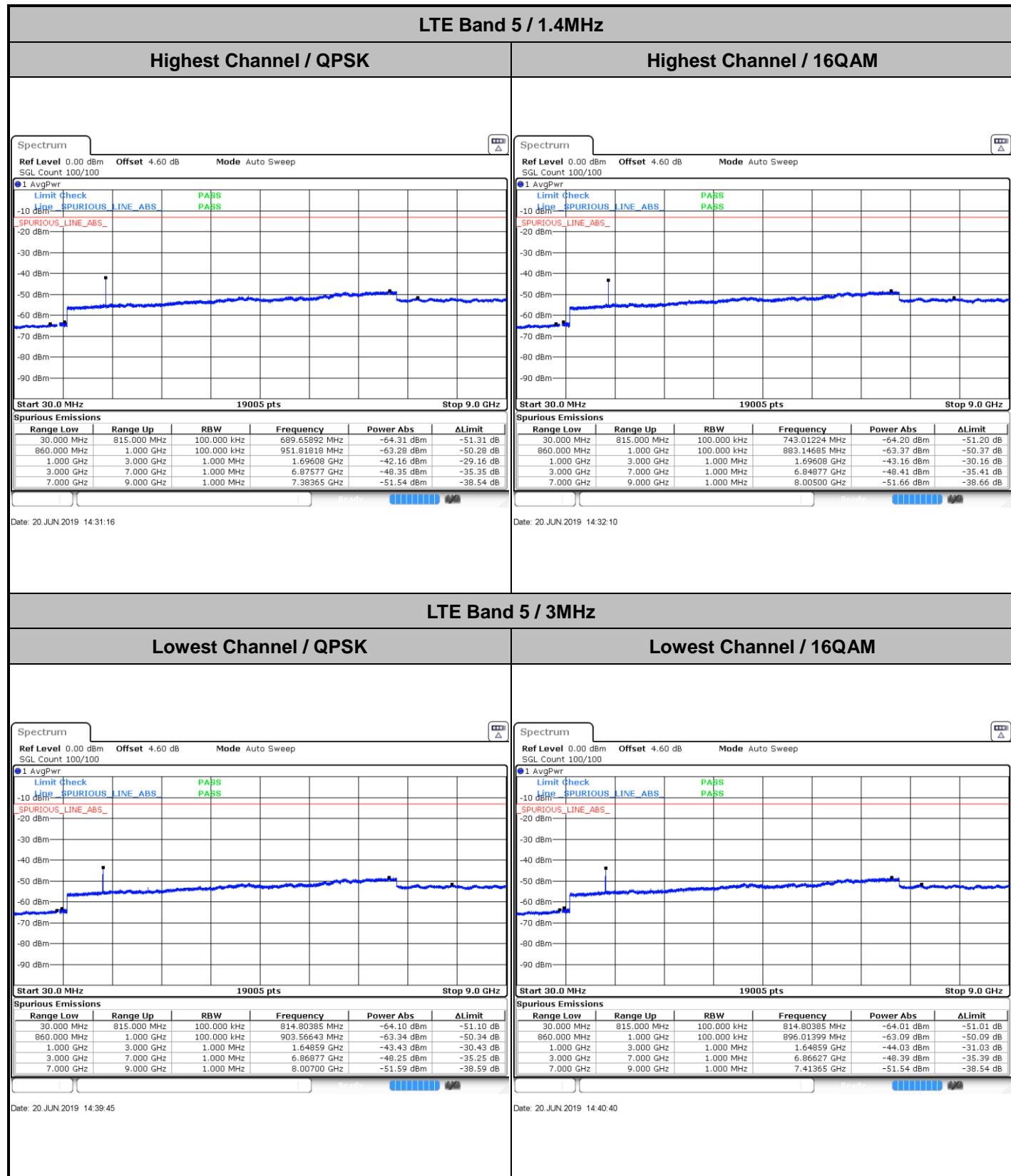
## Middle Channel / 16QAM

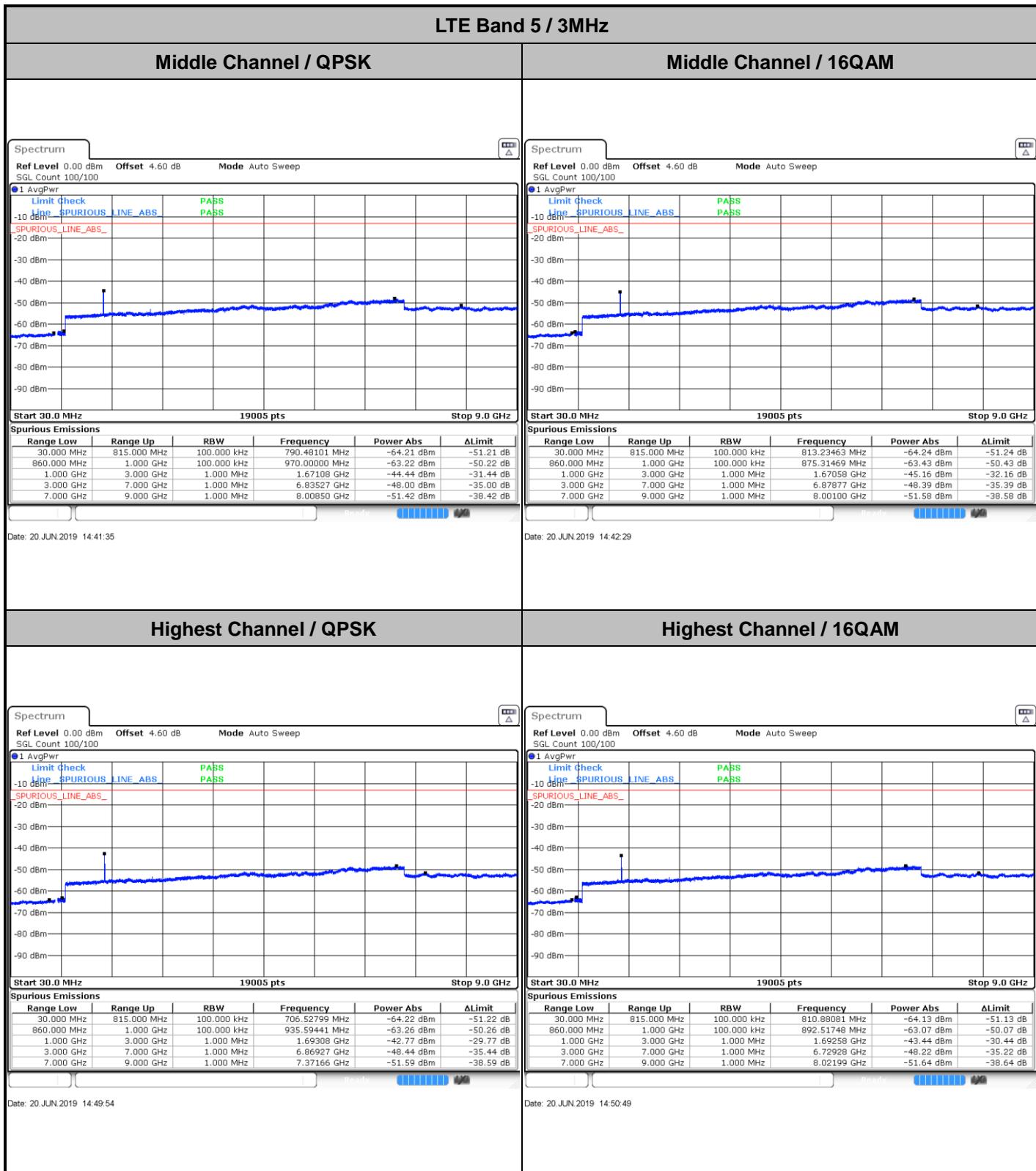


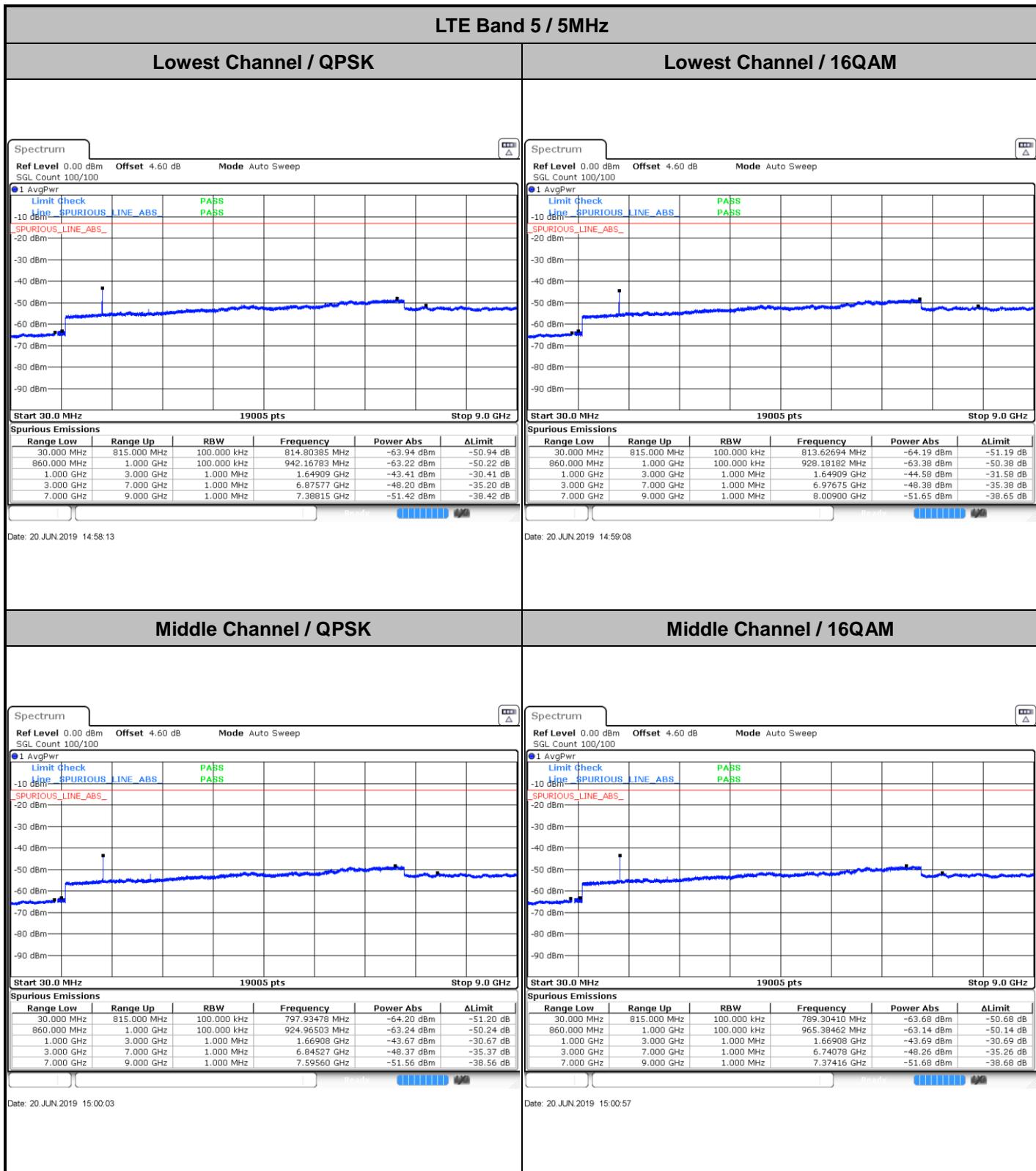
Date: 20.JUN.2019 14:22:56



Date: 20.JUN.2019 14:23:51





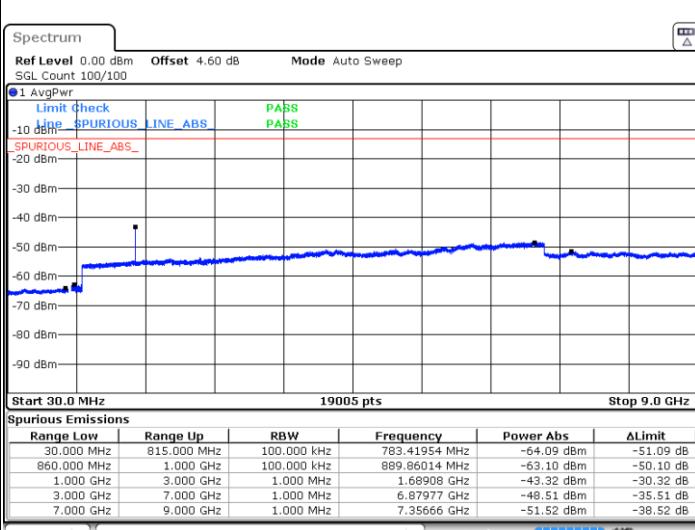
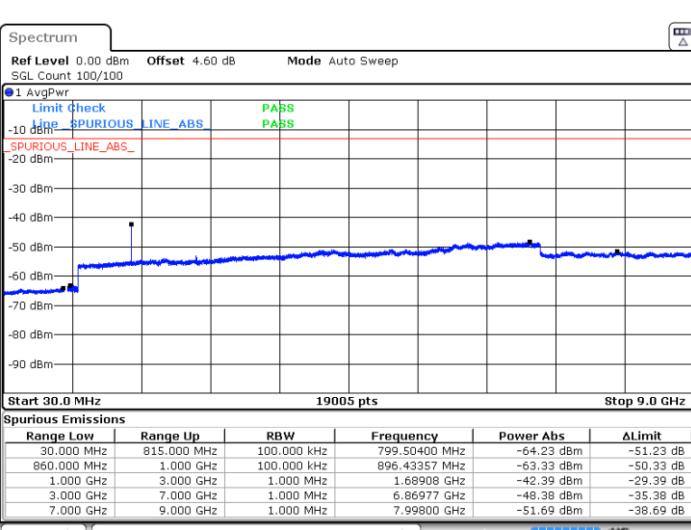




## LTE Band 5 / 5MHz

## Highest Channel / QPSK

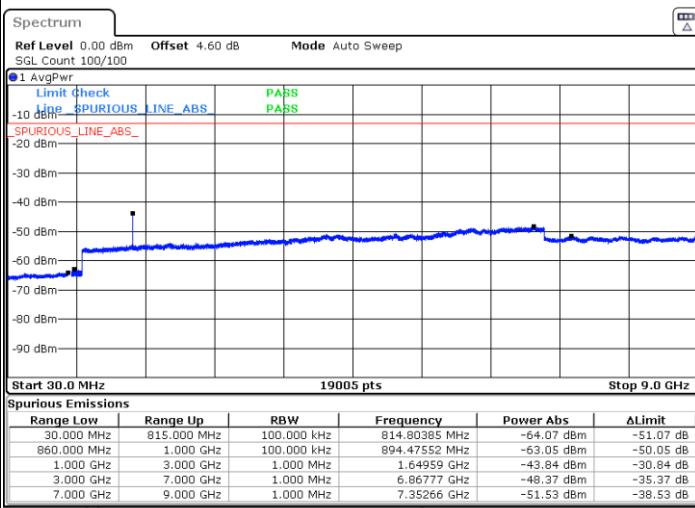
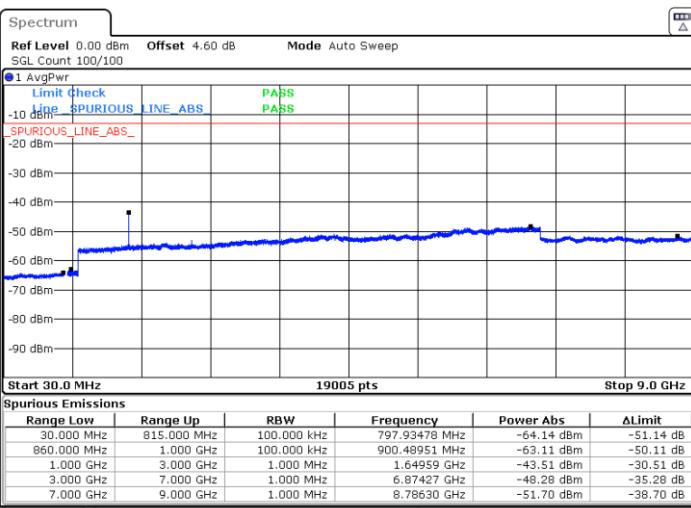
## Highest Channel / 16QAM

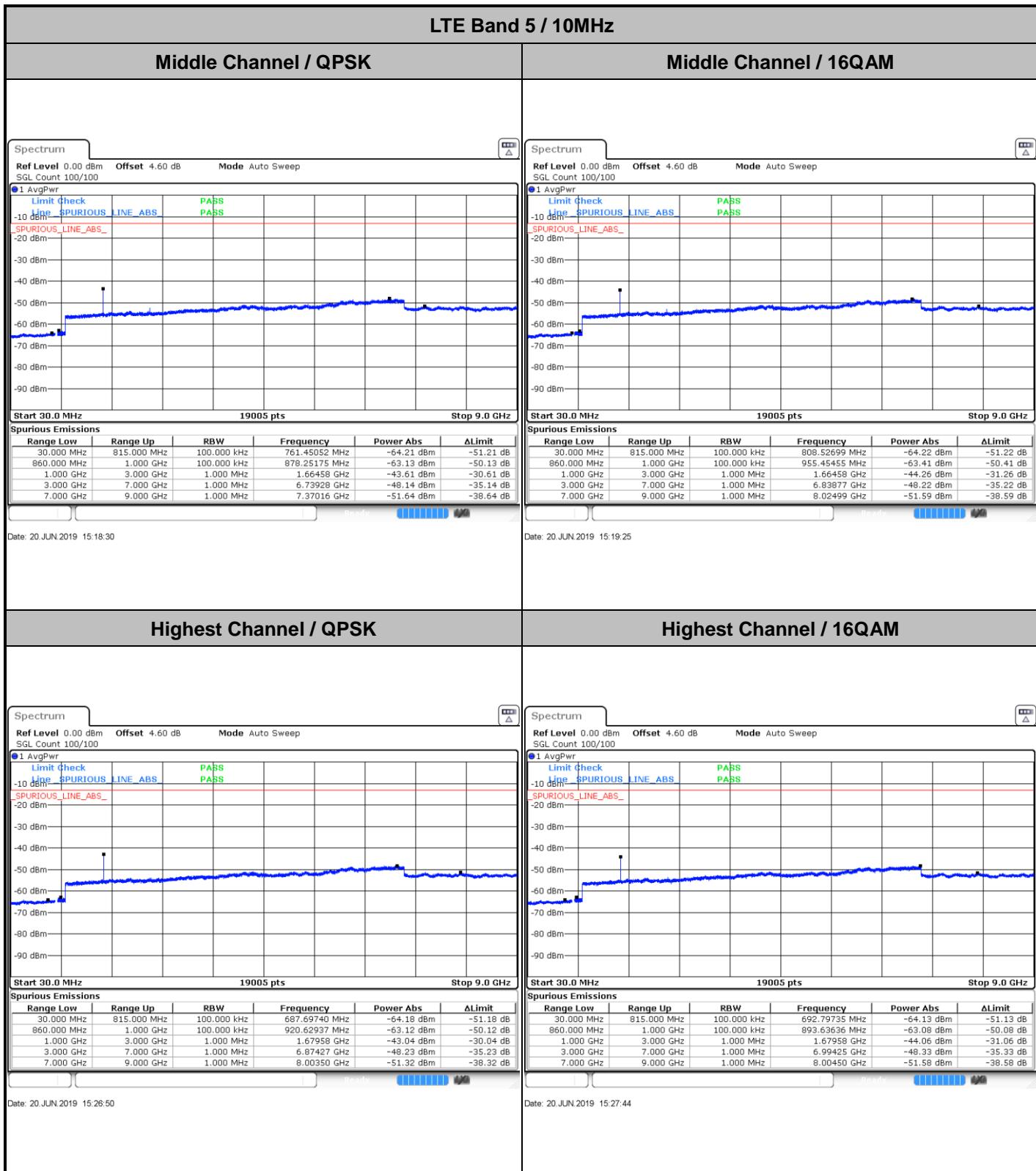


## LTE Band 5 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



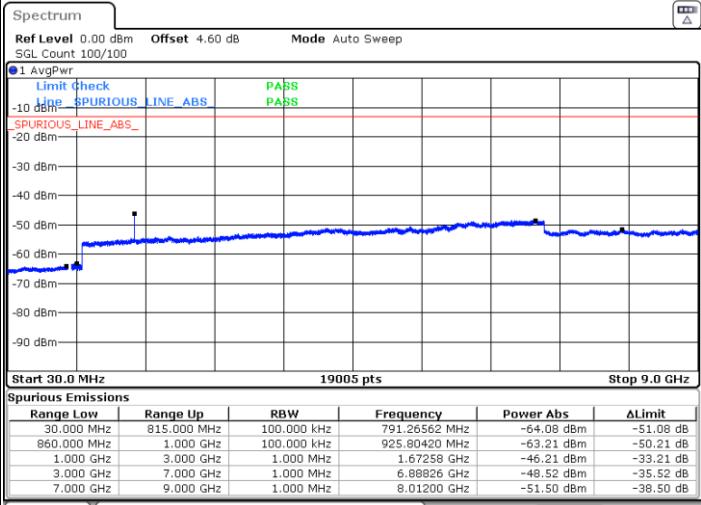
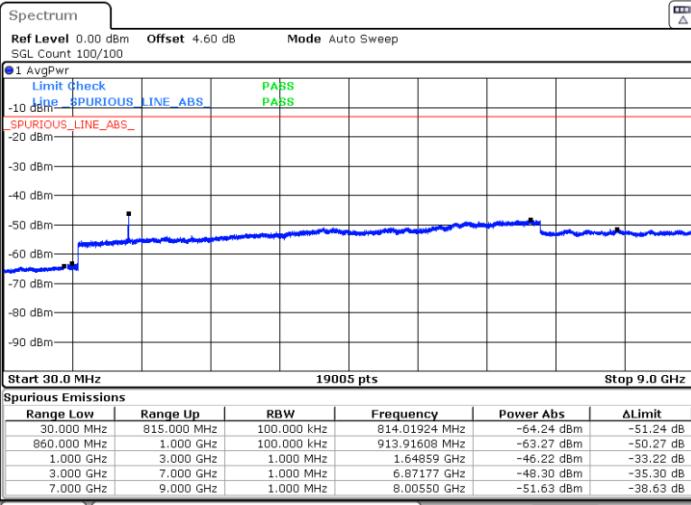




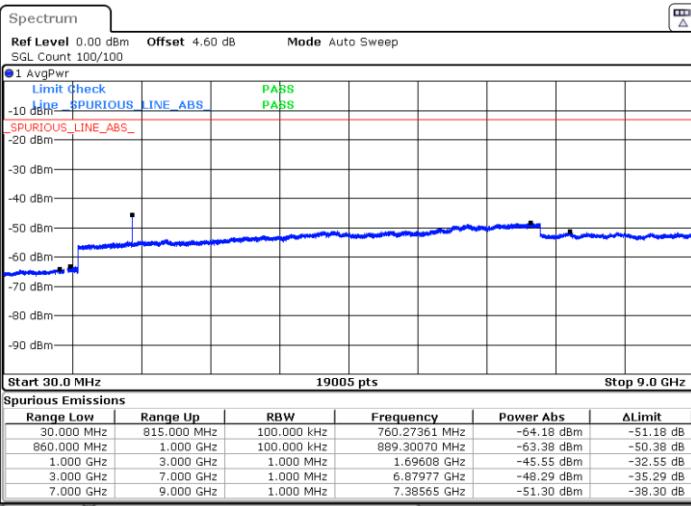
## LTE Band 5 / 1.4MHz

## Lowest Channel / 64QAM

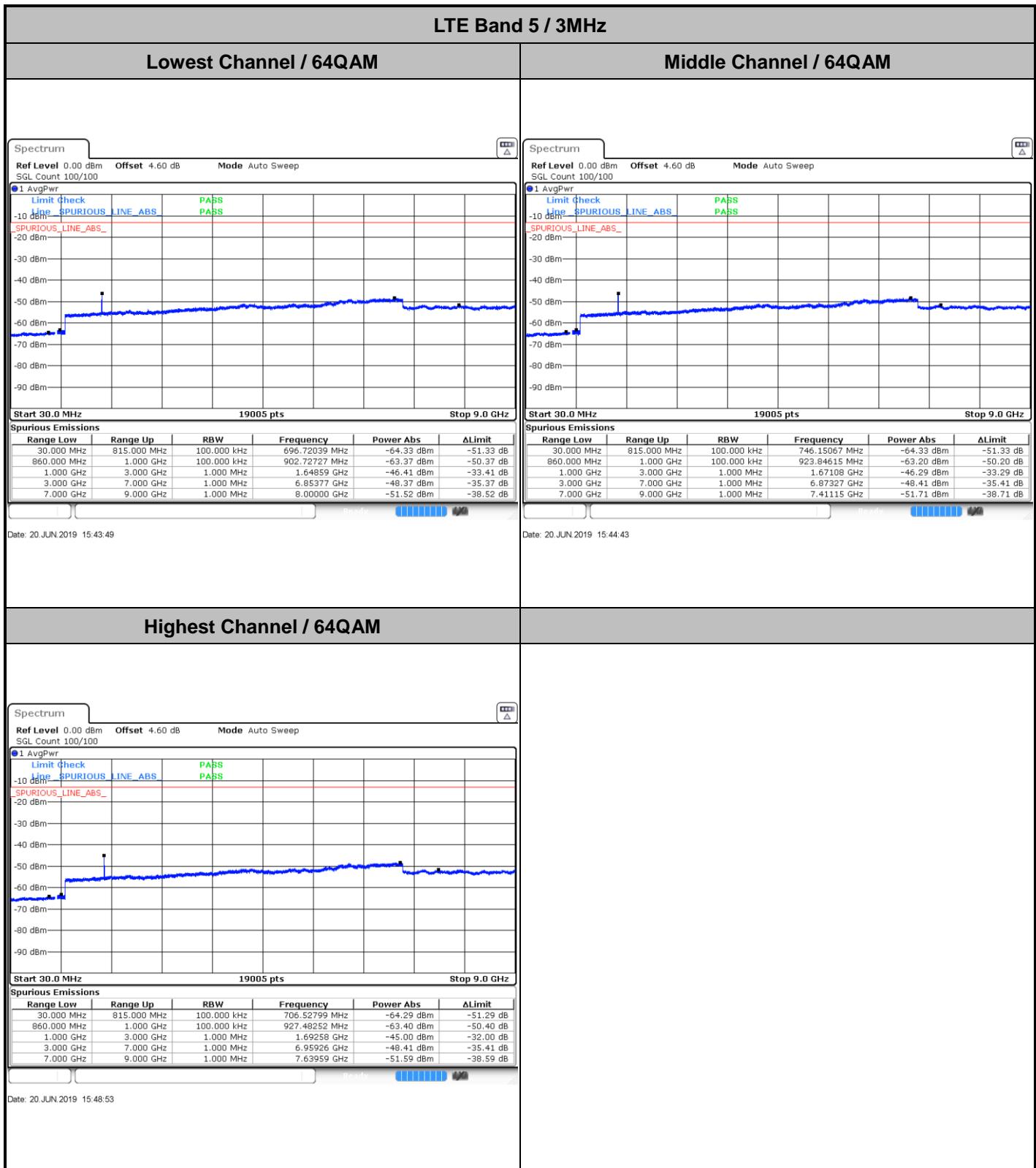
## Middle Channel / 64QAM

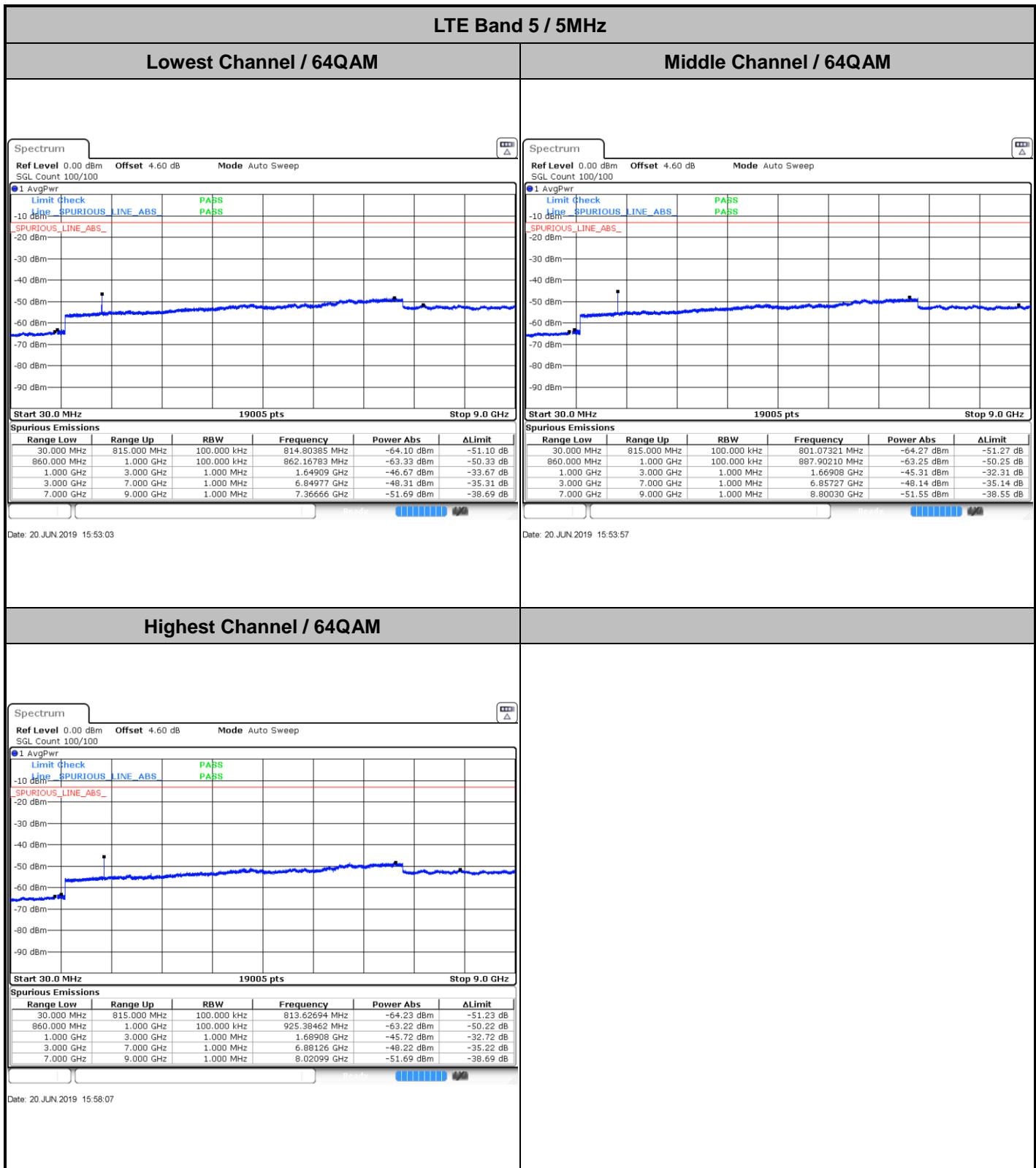


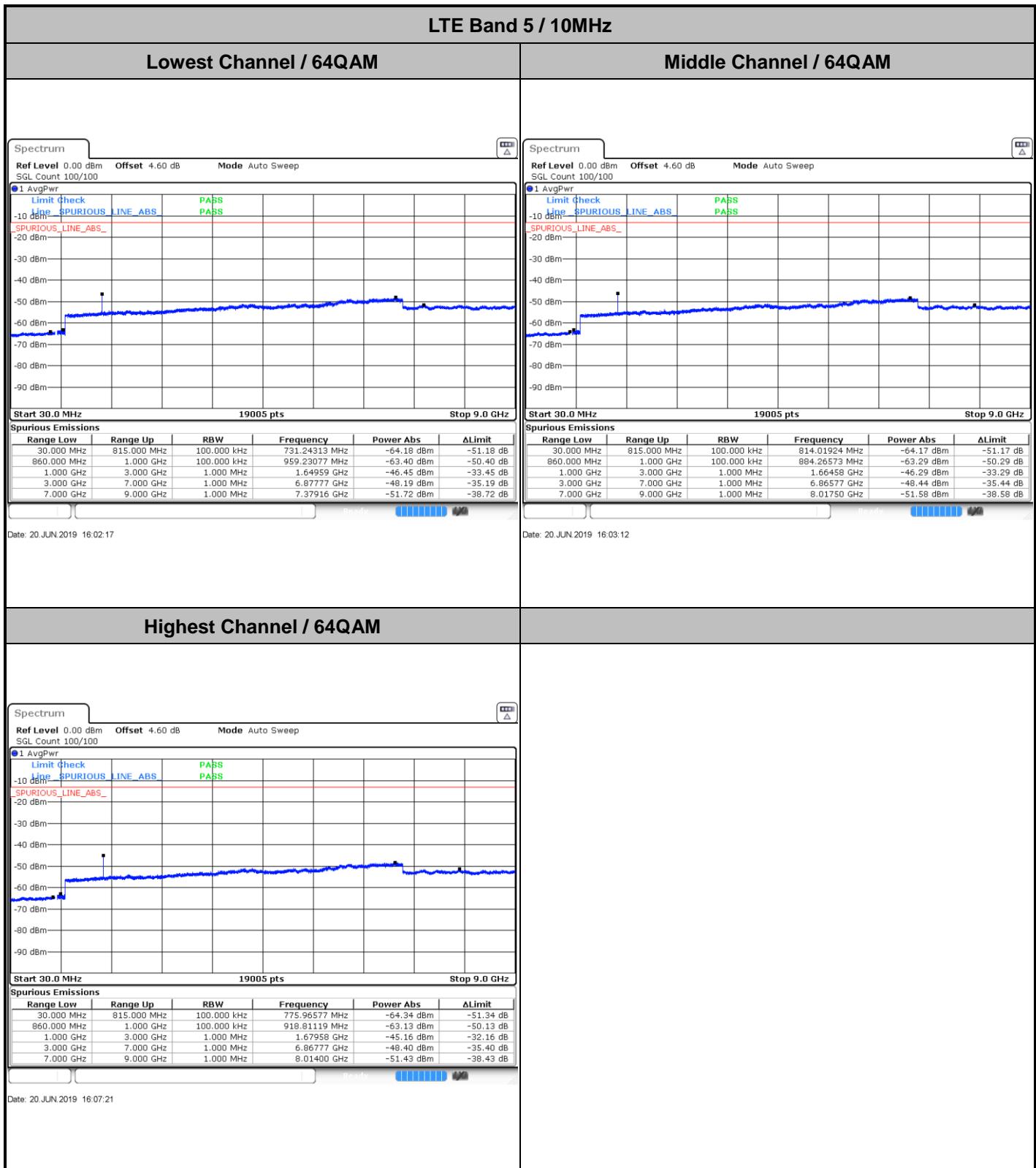
## Highest Channel / 64QAM



Date: 20.JUN.2019 15:39:39





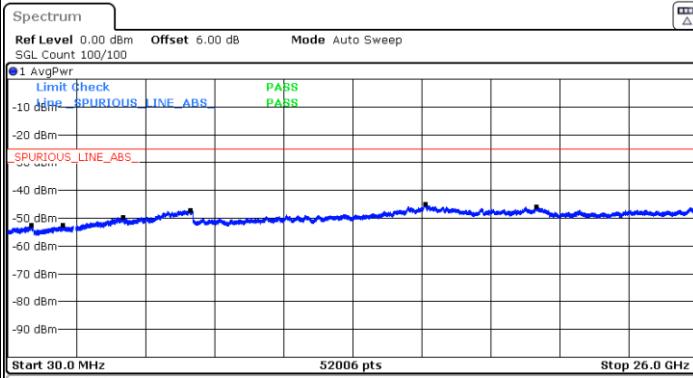
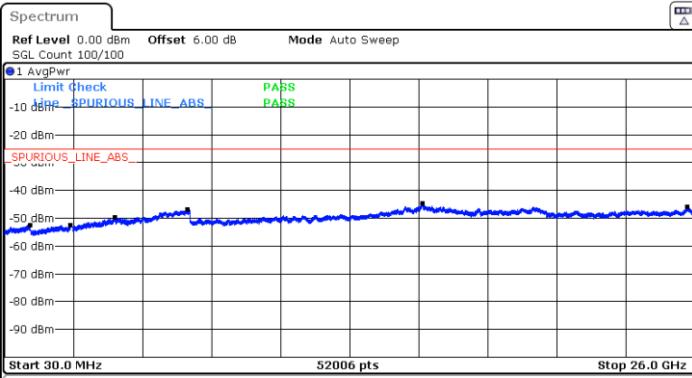




## LTE Band 7 / 5MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM

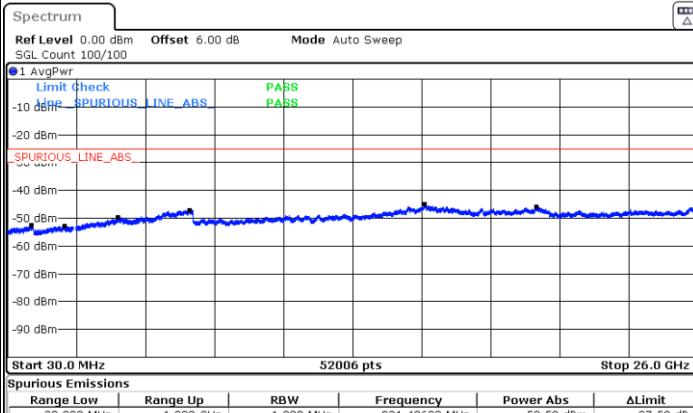
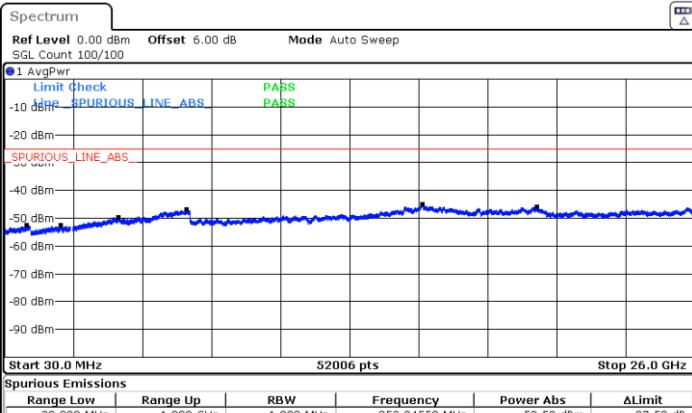


Date: 20.JUN.2019 16:19:01

Date: 20.JUN.2019 16:19:55

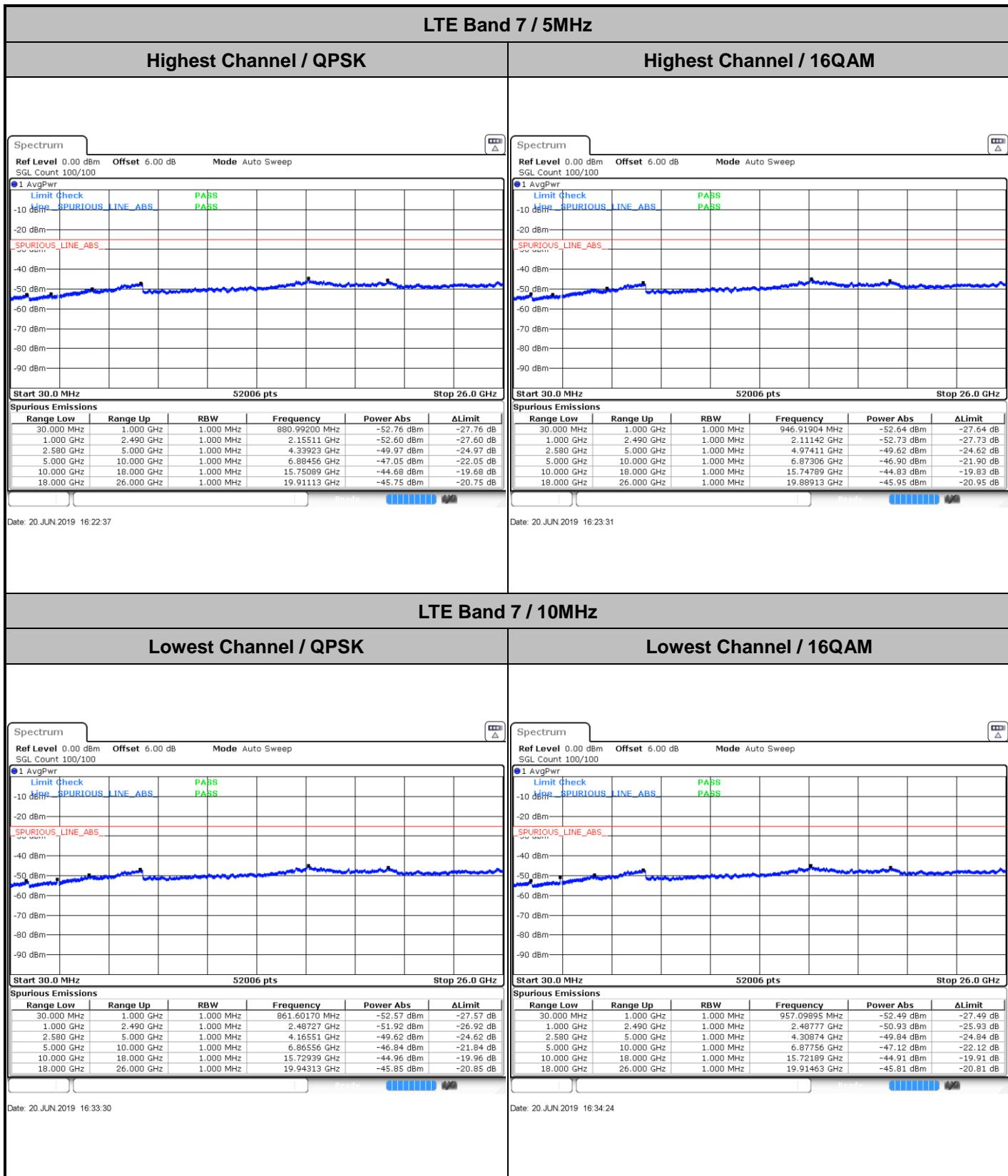
## Middle Channel / QPSK

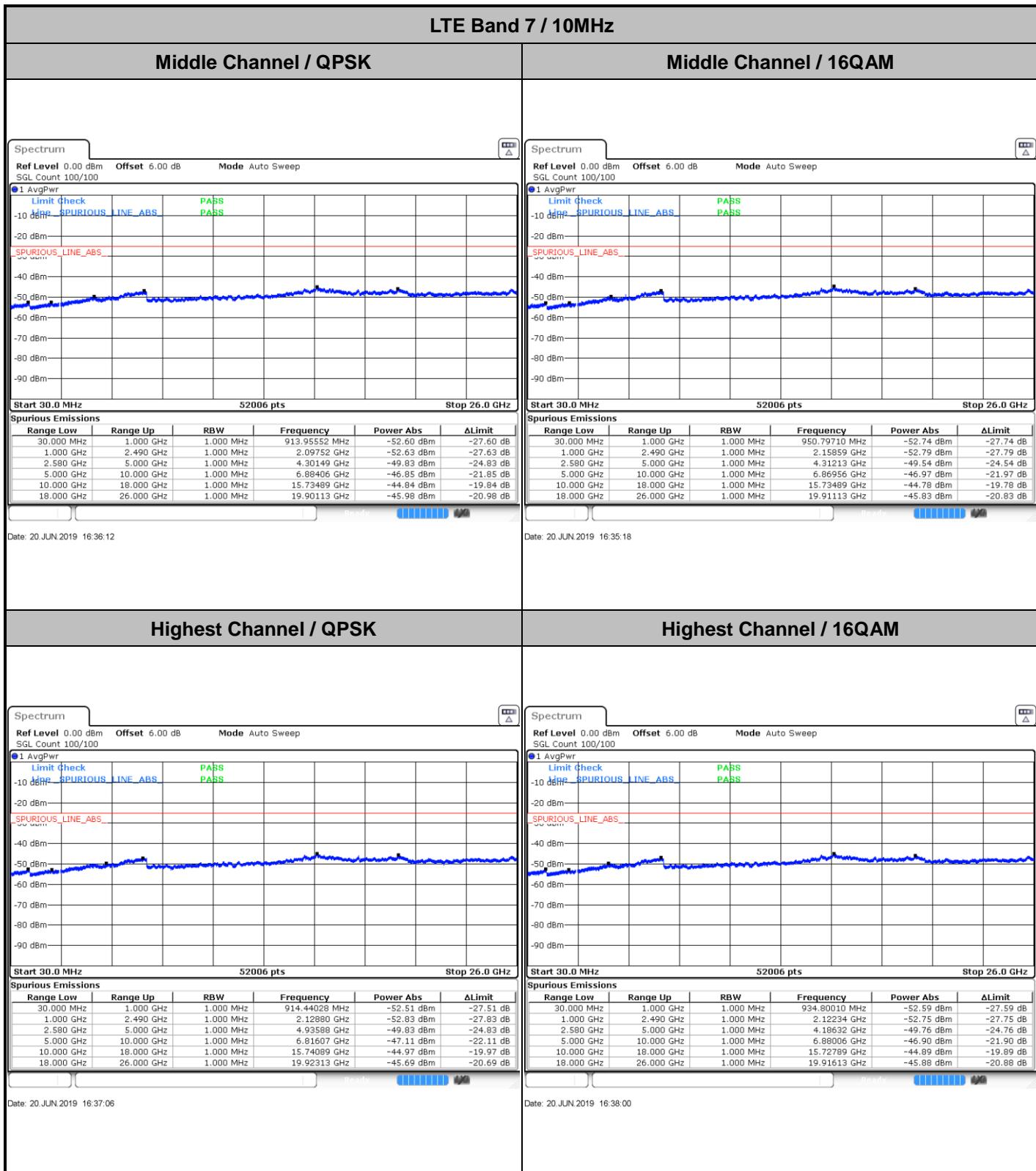
## Middle Channel / 16QAM

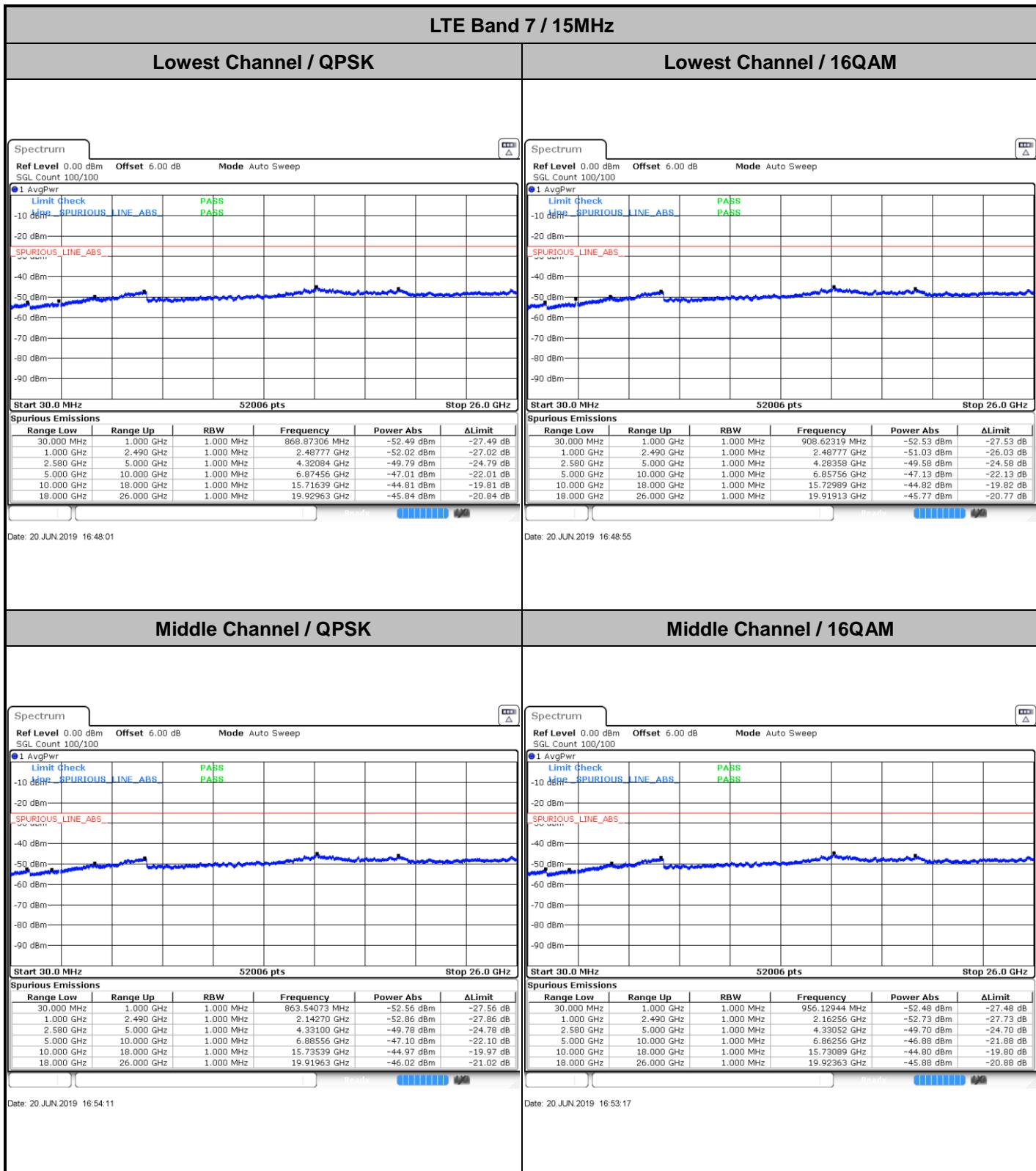


Date: 20.JUN.2019 16:21:43

Date: 20.JUN.2019 16:20:49





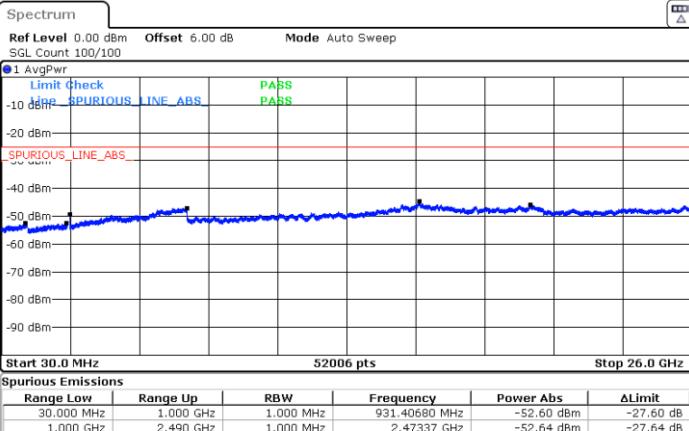
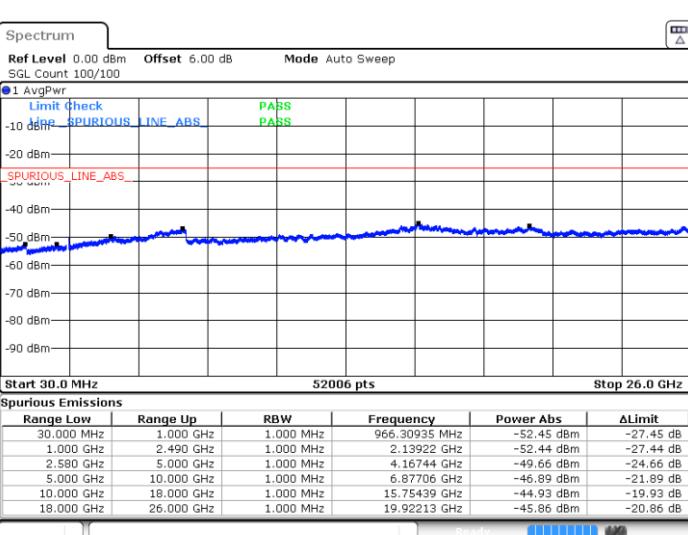




## LTE Band7 / 15MHz

## Highest Channel / QPSK

## Highest Channel / 16QAM

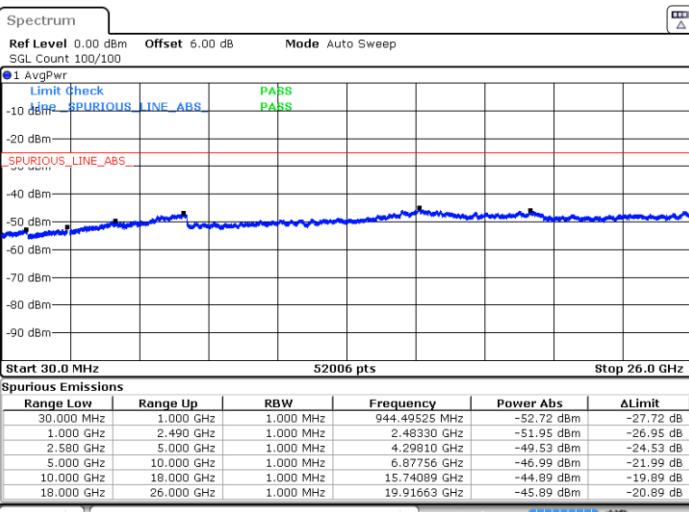
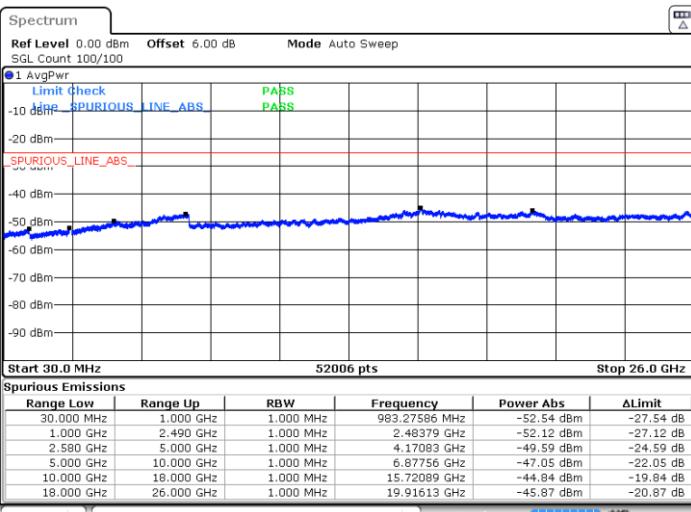


Date: 20.JUN.2019 16:55:59

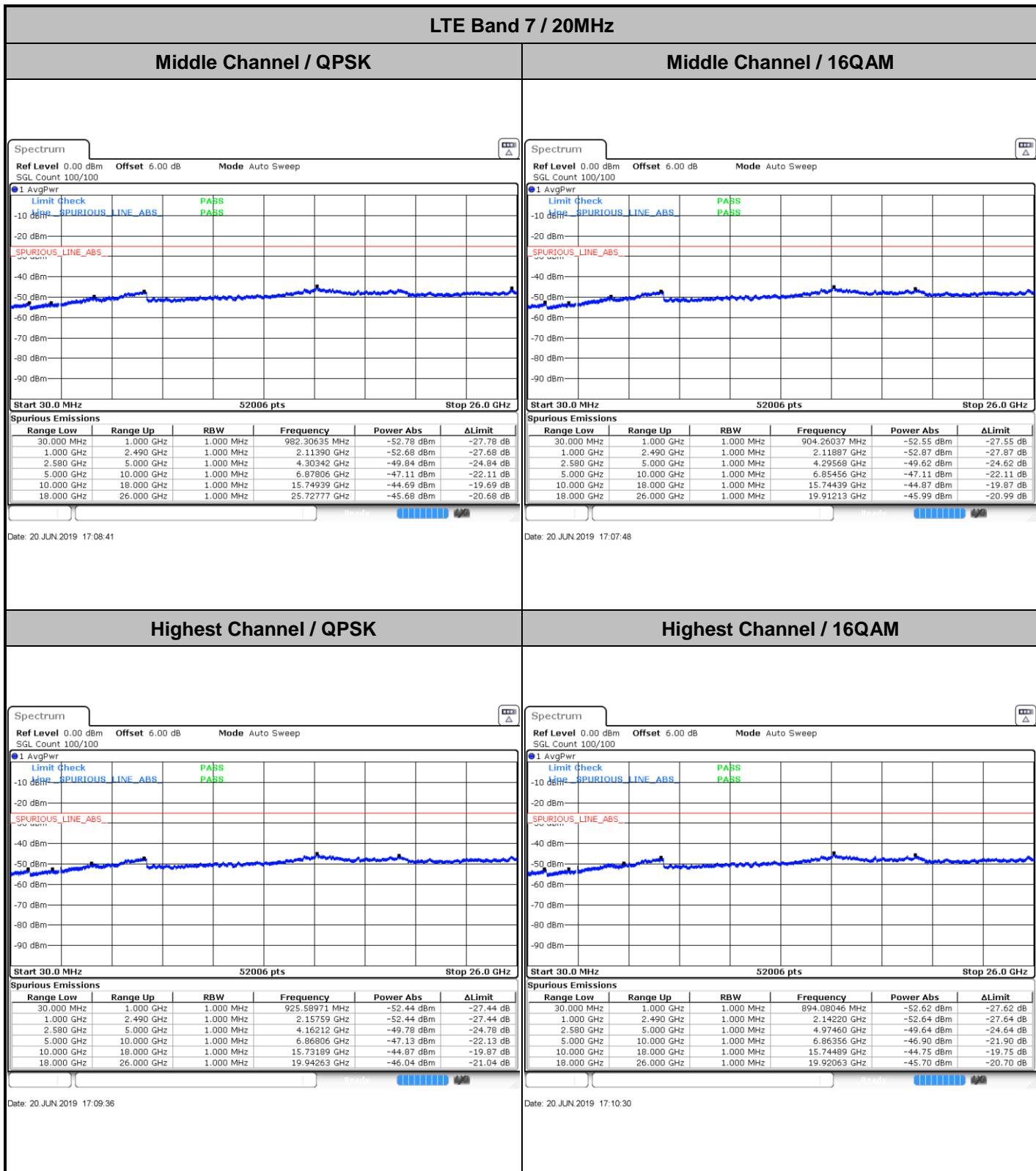
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM



Date: 20.JUN.2019 17:06:53

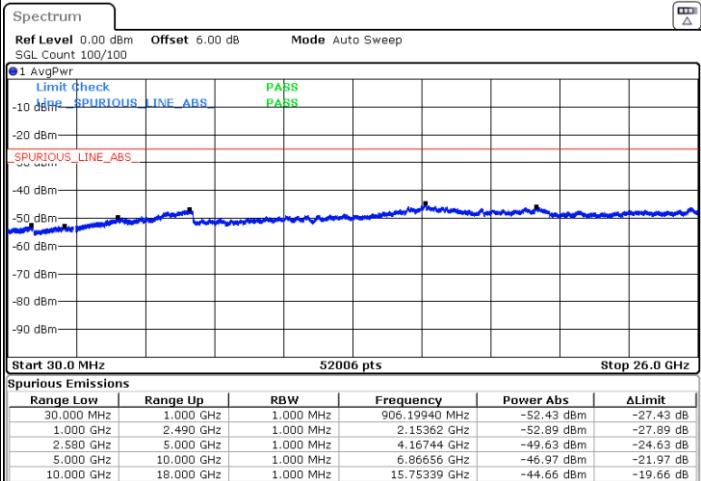
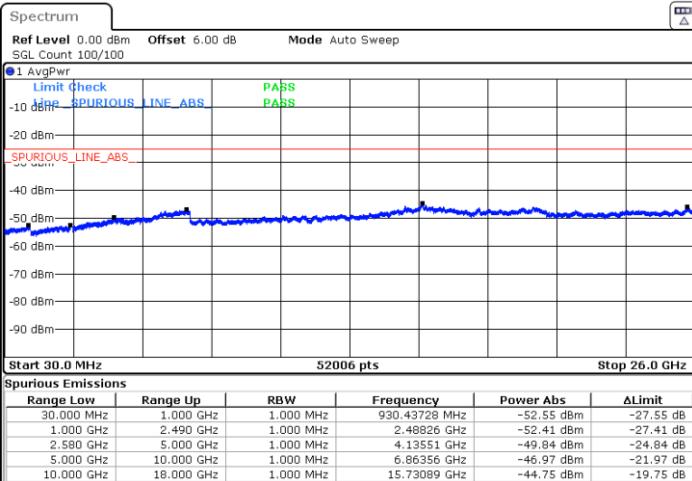




## LTE Band 7 / 5MHz

## Lowest Channel / 64QAM

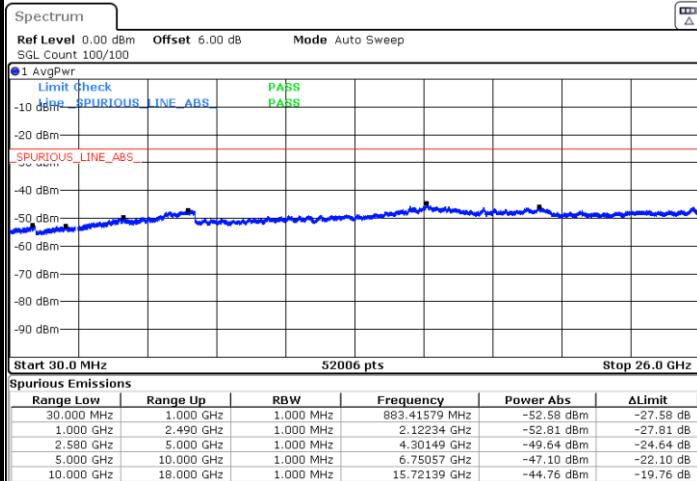
## Middle Channel / 64QAM



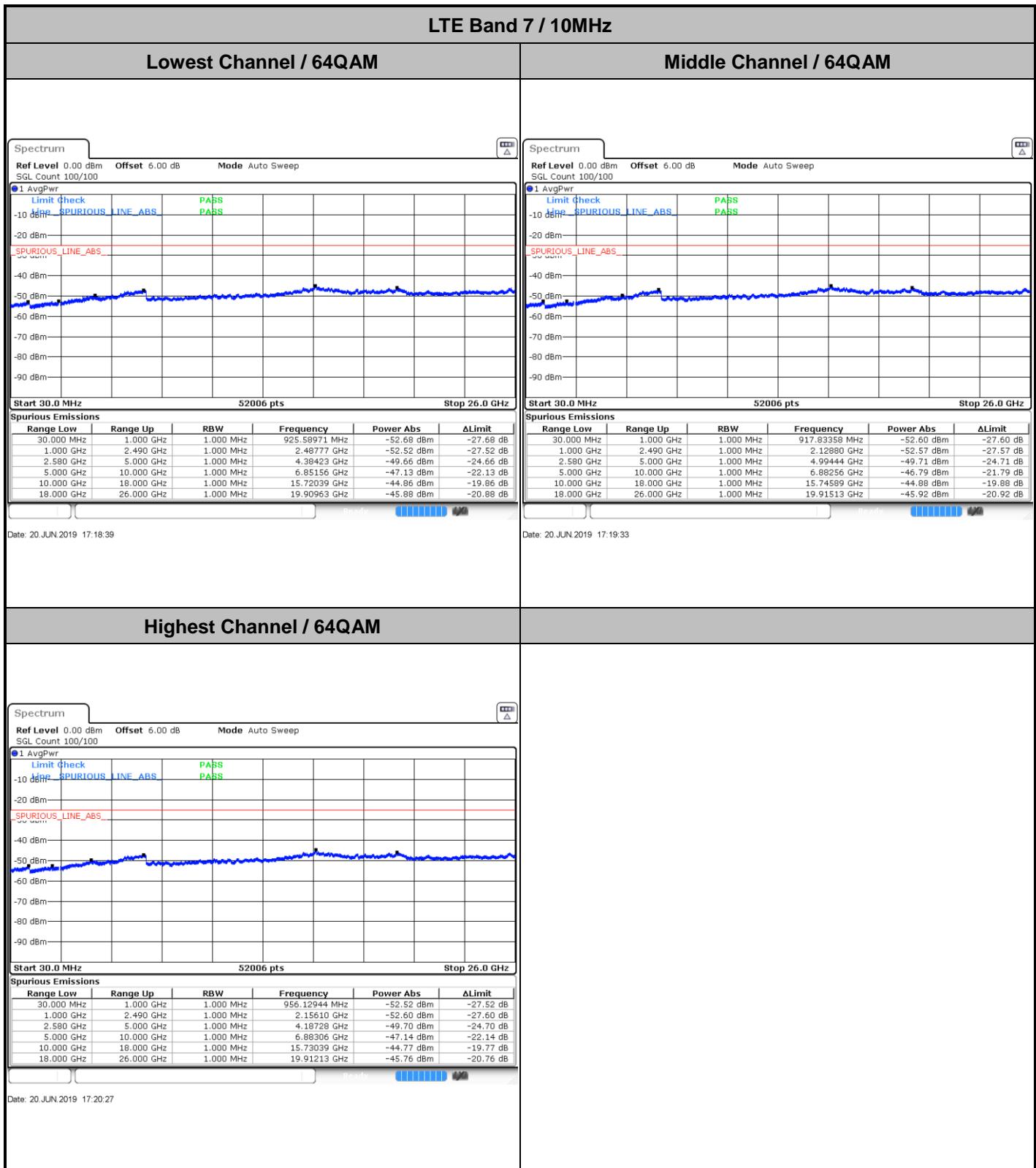
Date: 20.JUN.2019 17:11:24

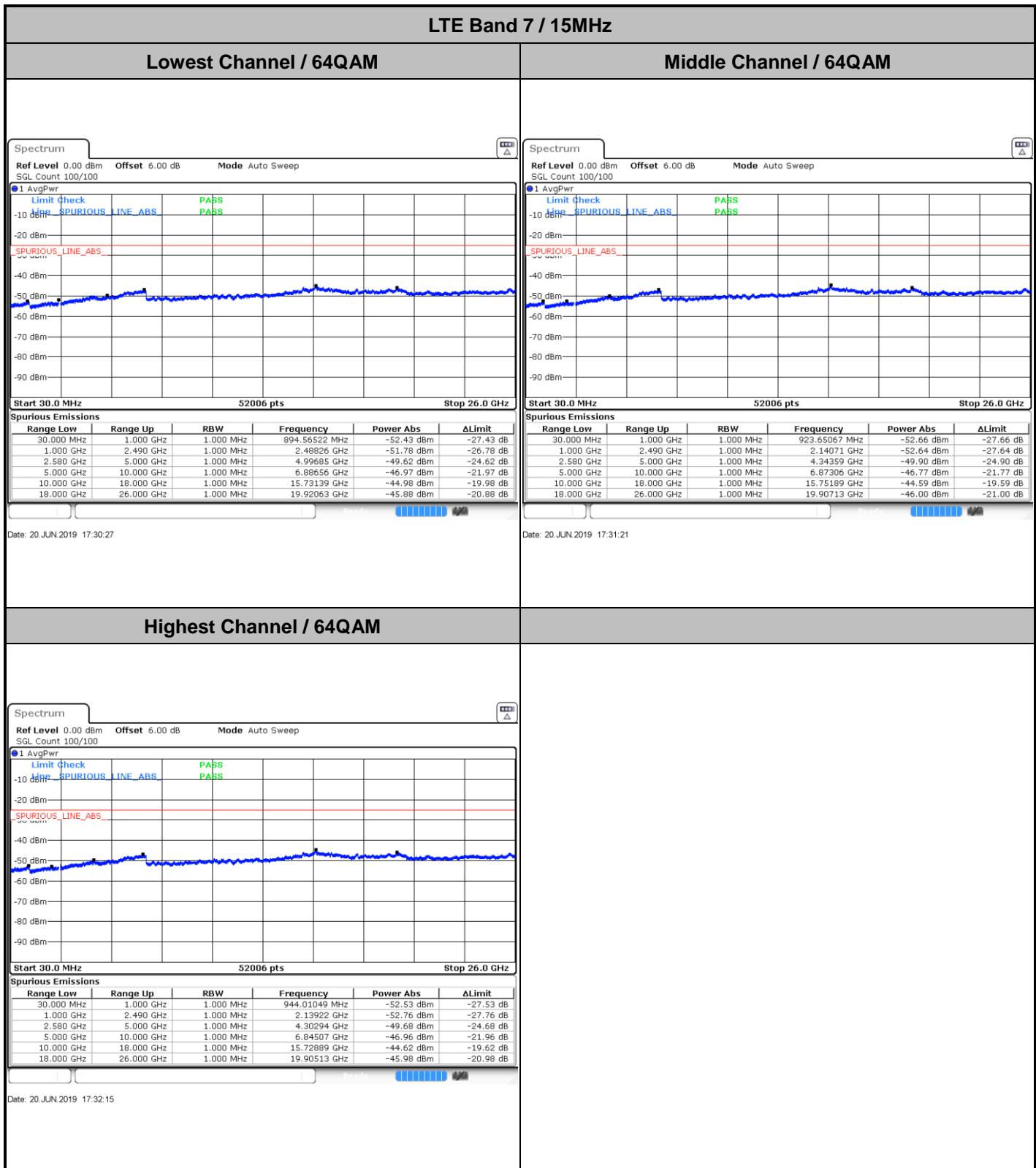
Date: 20.JUN.2019 17:12:18

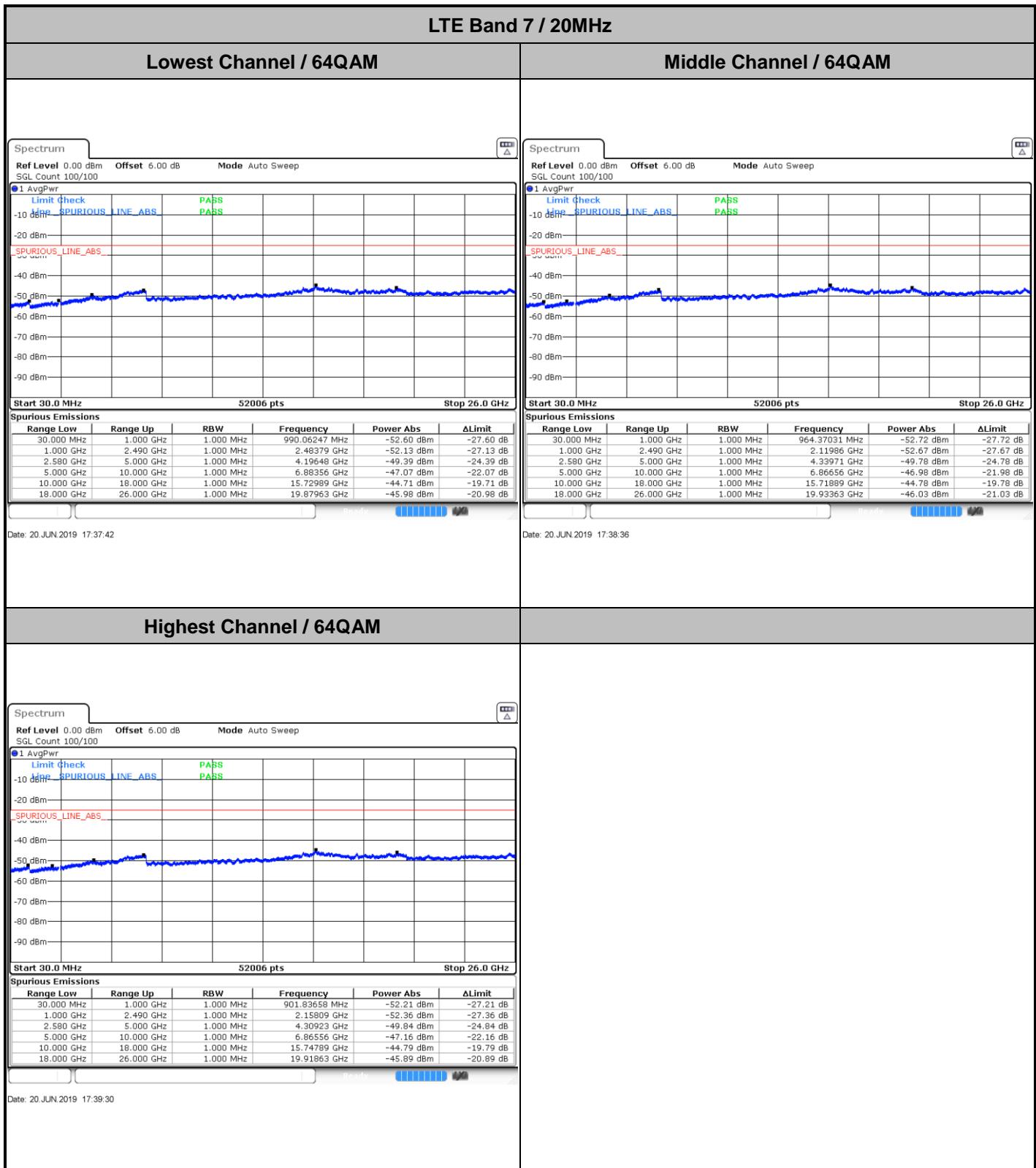
## Highest Channel / 64QAM



Date: 20.JUN.2019 17:13:12









## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Pre-scanned in three orthogonal panels, X, Y, Z for WWAN Bottom / Top Antenna which can't transmit simultaneously. The worse cases were recorded in this report.

LTE Band 2 / 5MHz / QPSK/ 16QAM/ 64QAM								
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	3756	-46.21	-13	-33.21	-58.47	2.641	14.90	H
	5634	-56.85	-13	-43.85	-68.71	2.94	14.80	H
	7512	-51.95	-13	-38.95	-61.72	3.39	13.16	H
	3756	-51.02	-13	-38.02	-63.28	2.64	14.90	V
	5634	-56.73	-13	-43.73	-68.59	2.94	14.80	V
	7512	-51.55	-13	-38.55	-61.32	3.39	13.16	V

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

LTE Band 5 / 5MHz / QPSK/ 16QAM/ 64QAM								
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	1668	-69.23	-13	-56.23	-76.20	1.58	10.70	H
	2504	-64.97	-13	-51.97	-73.22	2.102	12.50	H
	3336	-65.34	-13	-52.34	-74.23	2.856	13.90	H
	1668	-69.28	-13	-56.28	-76.25	1.58	10.70	V
	2504	-64.89	-13	-51.89	-73.14	2.10	12.50	V
	3336	-65.28	-13	-52.28	-74.17	2.86	13.90	V

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



LTE Band 7 / 20MHz / QPSK/ 16QAM/ 64QAM								
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	-56.02	-25	-31.02	-66.23	3.03	13.24	H
	7580	-52.42	-25	-27.42	-61.87	3.56	13.01	H
	10100	-54.52	-25	-29.52	-64.04	3.92	13.44	H
	5052	-64.36	-25	-39.36	-74.57	3.03	13.24	V
	7580	-57.56	-25	-32.56	-67.01	3.56	13.01	V
	10100	-56.34	-25	-31.34	-65.86	3.92	13.44	V

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