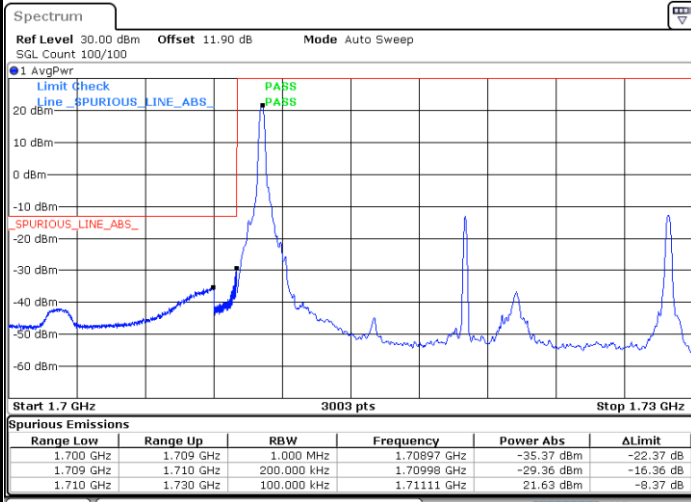




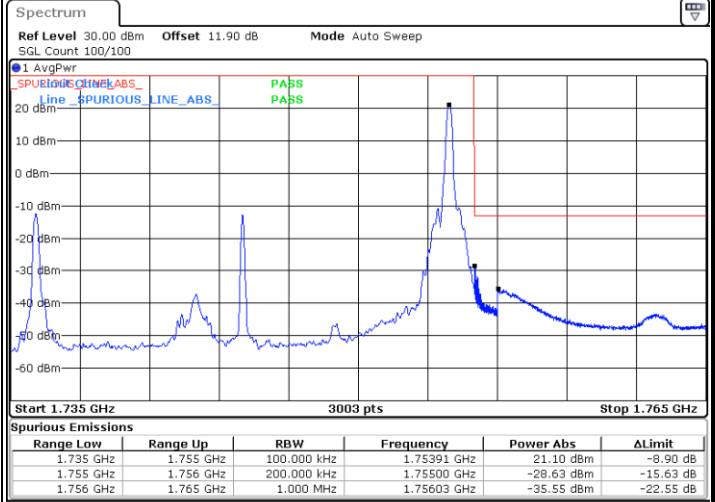
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



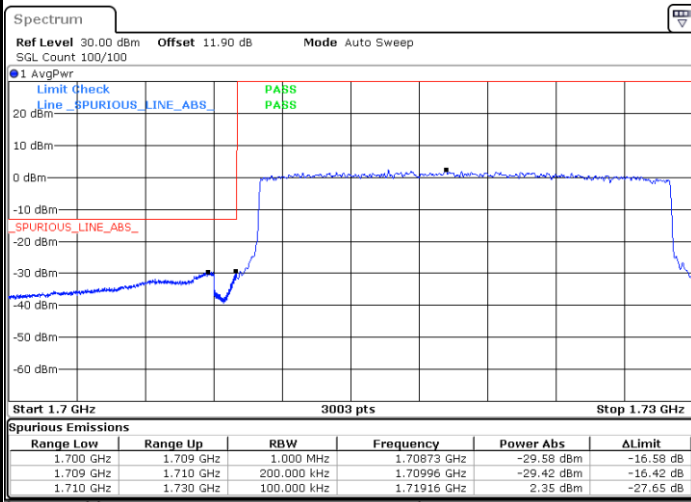
Date: 12.AUG.2021 00:55:26

Highest Band Edge / 1 RB



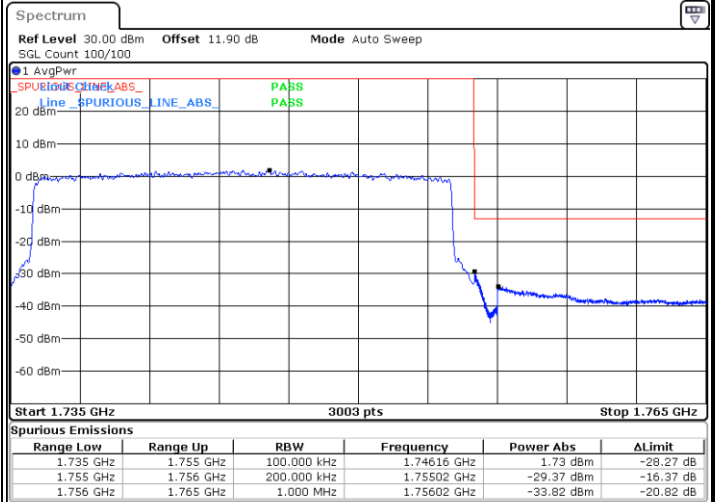
Date: 12.AUG.2021 00:58:31

Lowest Band Edge / Full RB



Date: 12.AUG.2021 00:56:09

Highest Band Edge / Full RB



Date: 12.AUG.2021 00:59:15

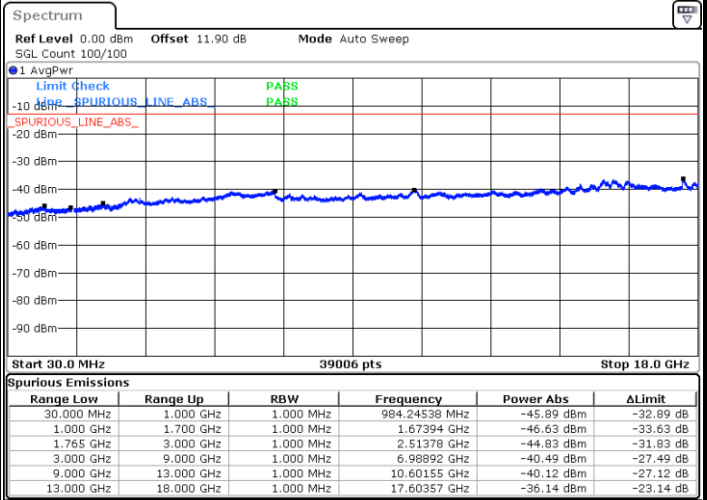
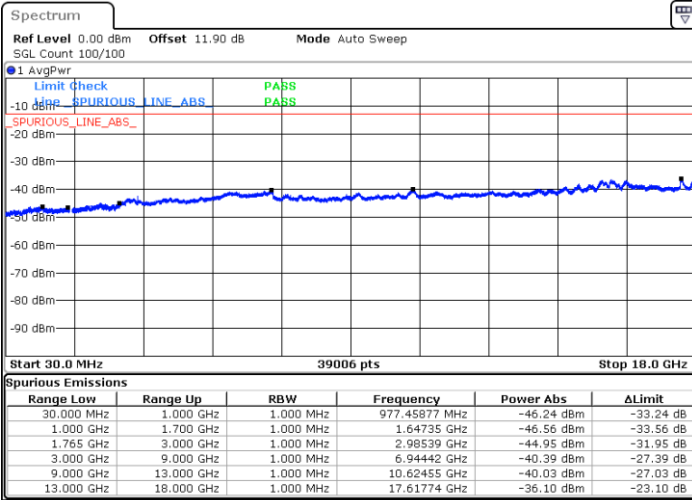


# Conducted Spurious Emission

## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK

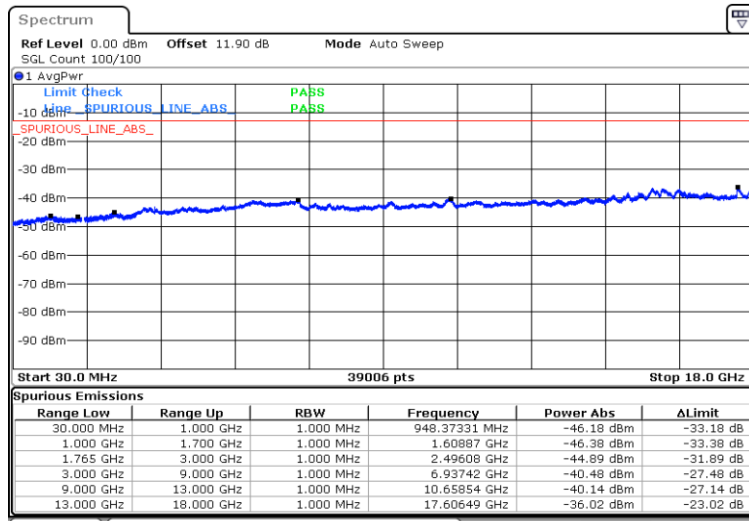
### Middle Channel / QPSK



Date: 11.AUG.2021 23:46:44

Date: 12.AUG.2021 00:07:53

### Highest Channel / QPSK



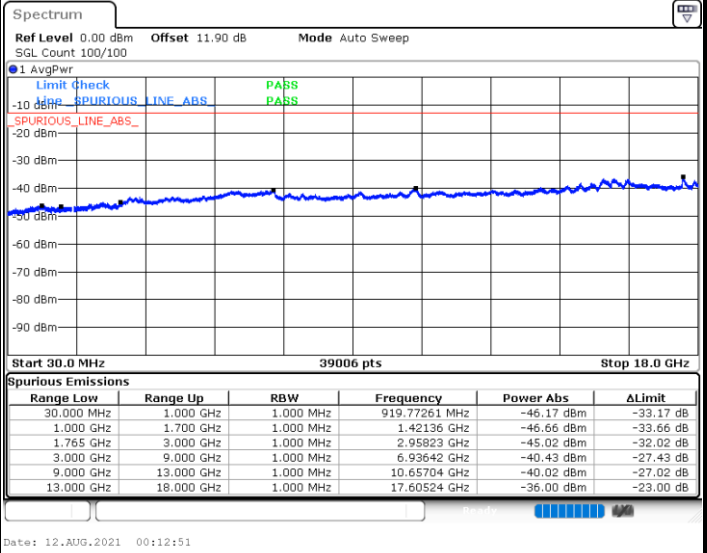
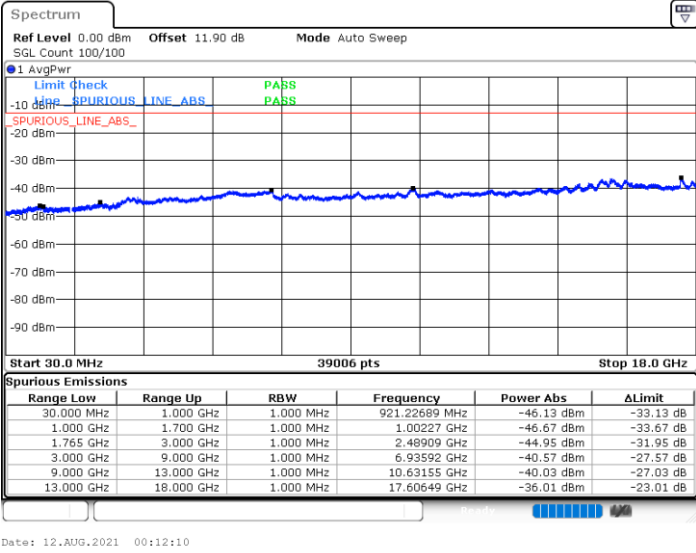
Date: 12.AUG.2021 00:10:01



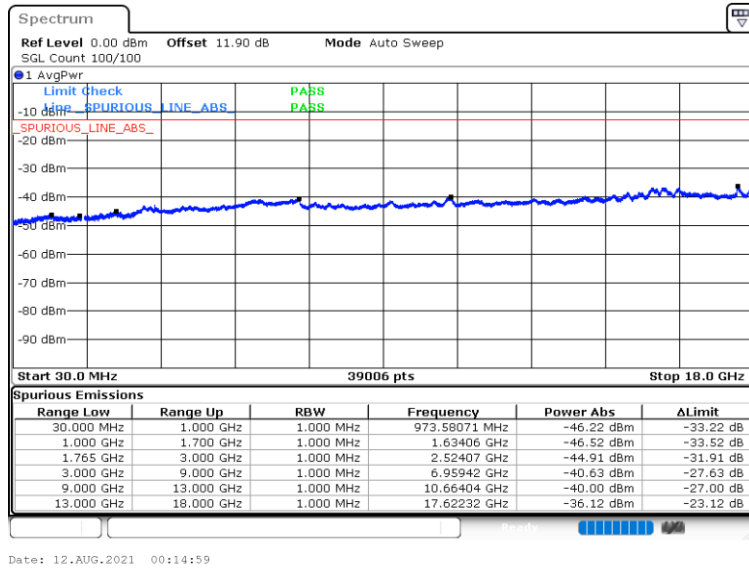
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

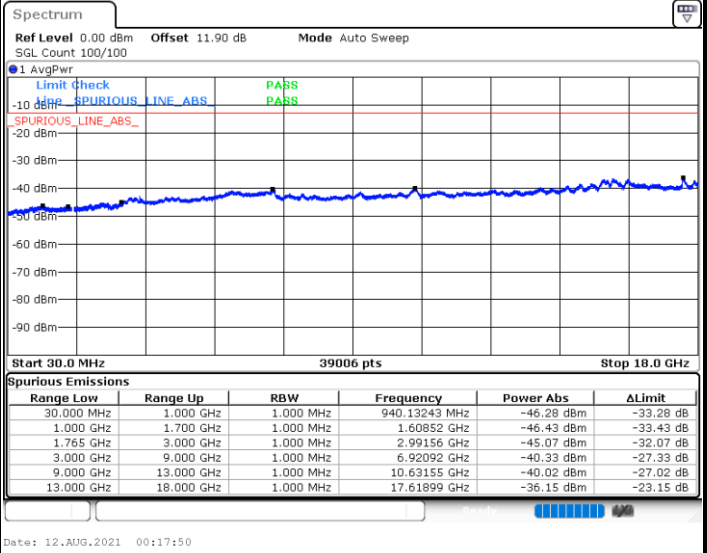
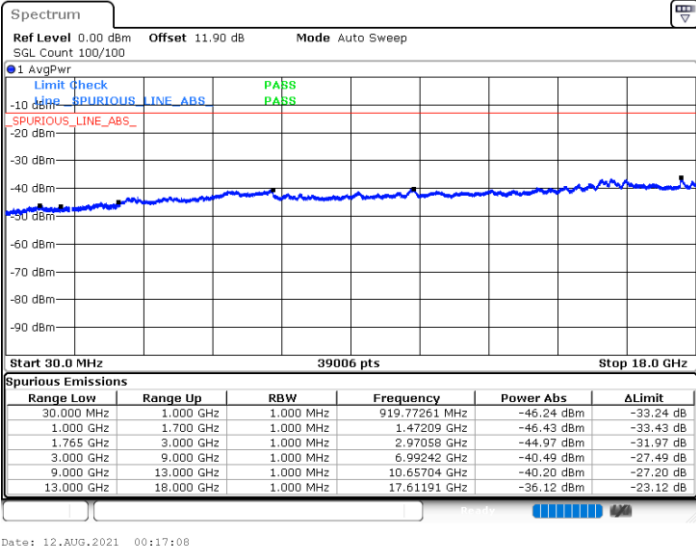




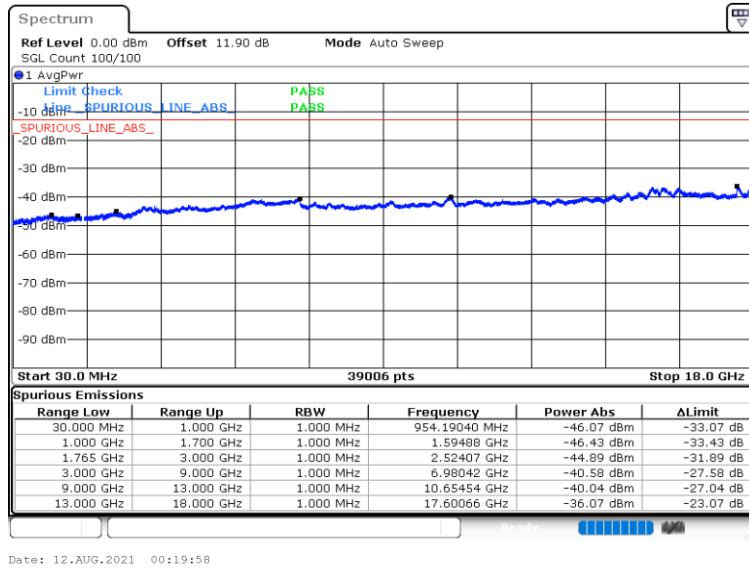
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

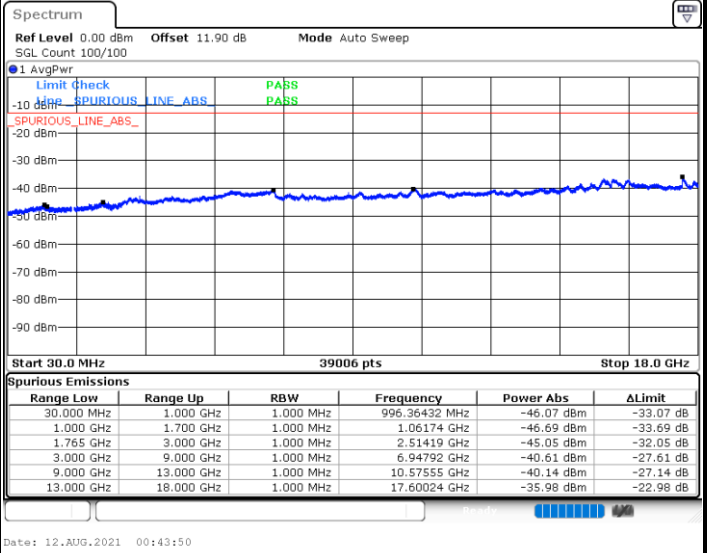
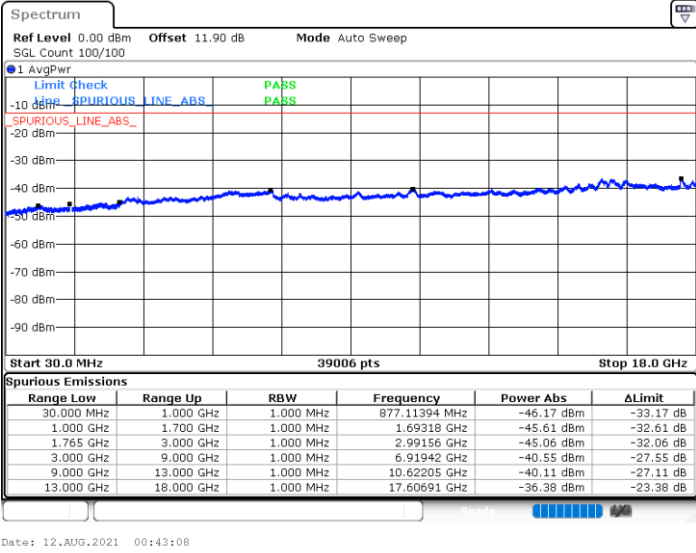




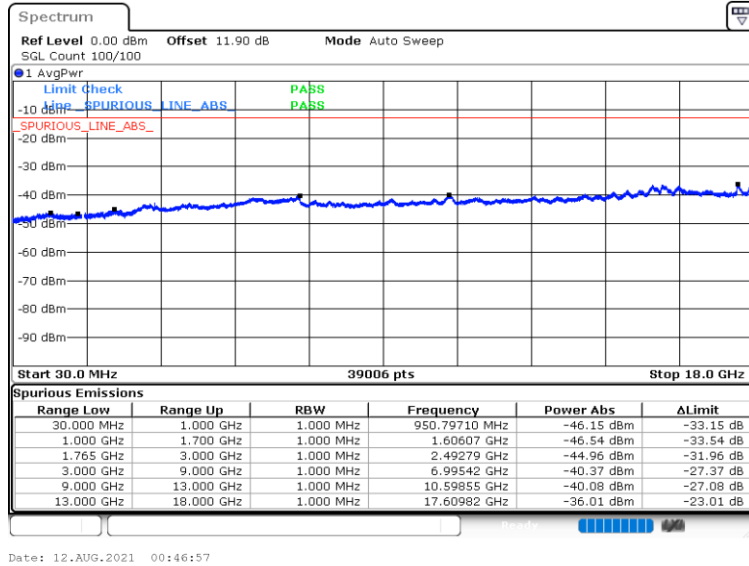
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

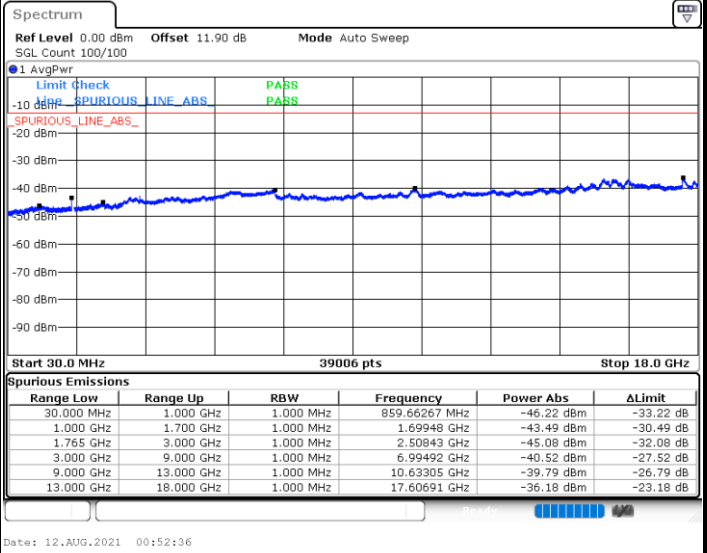
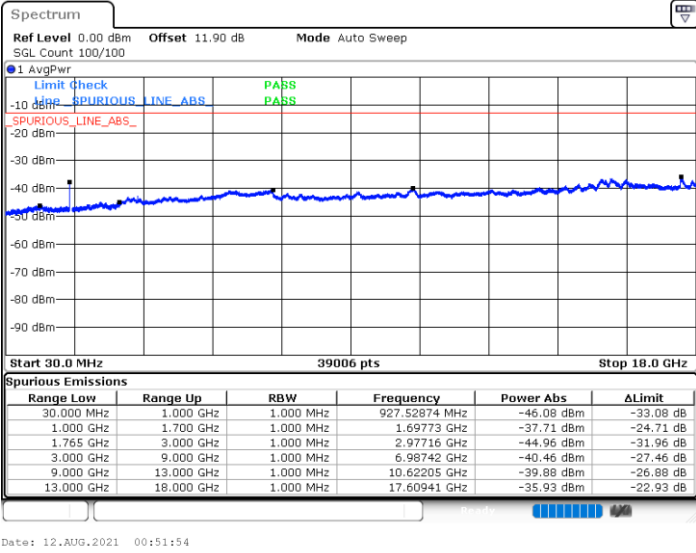




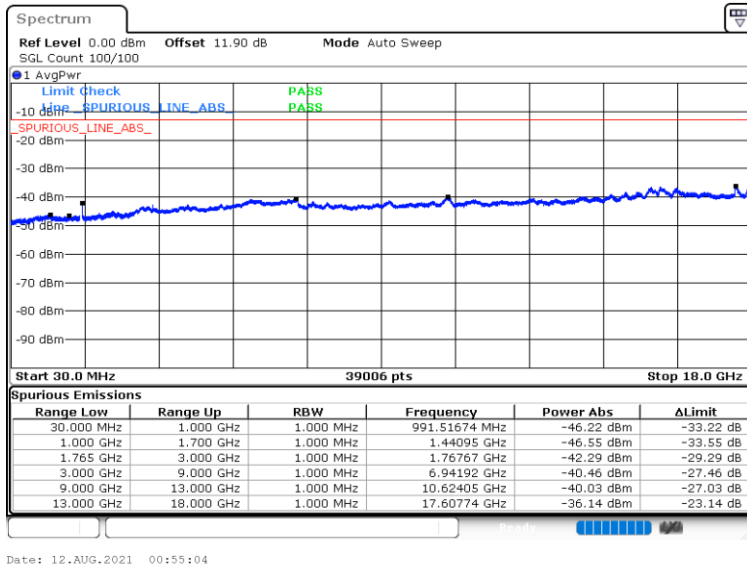
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

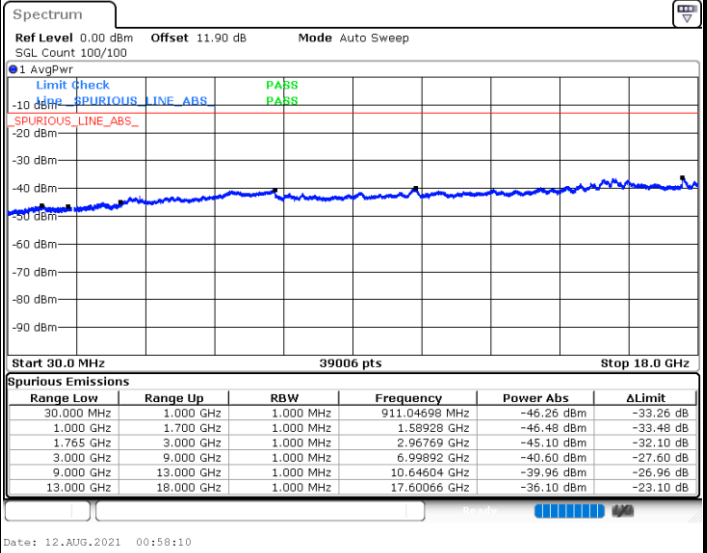
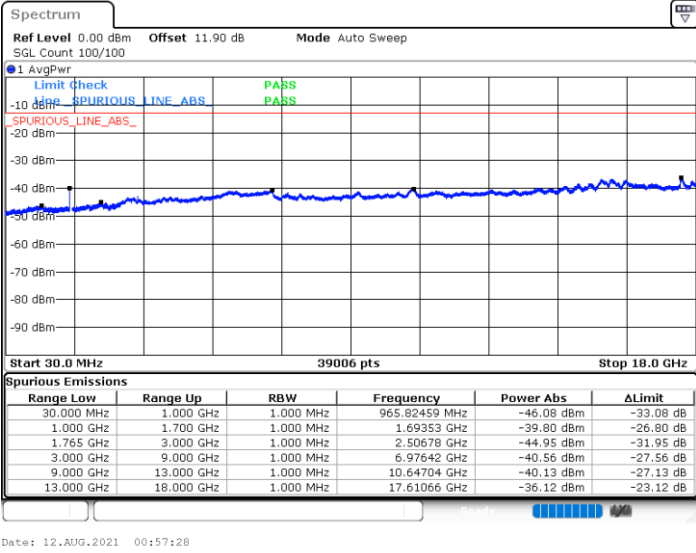




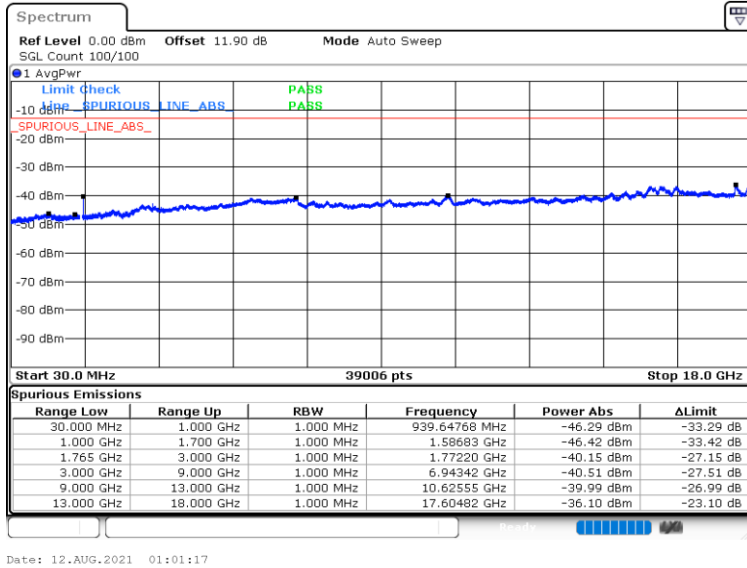
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



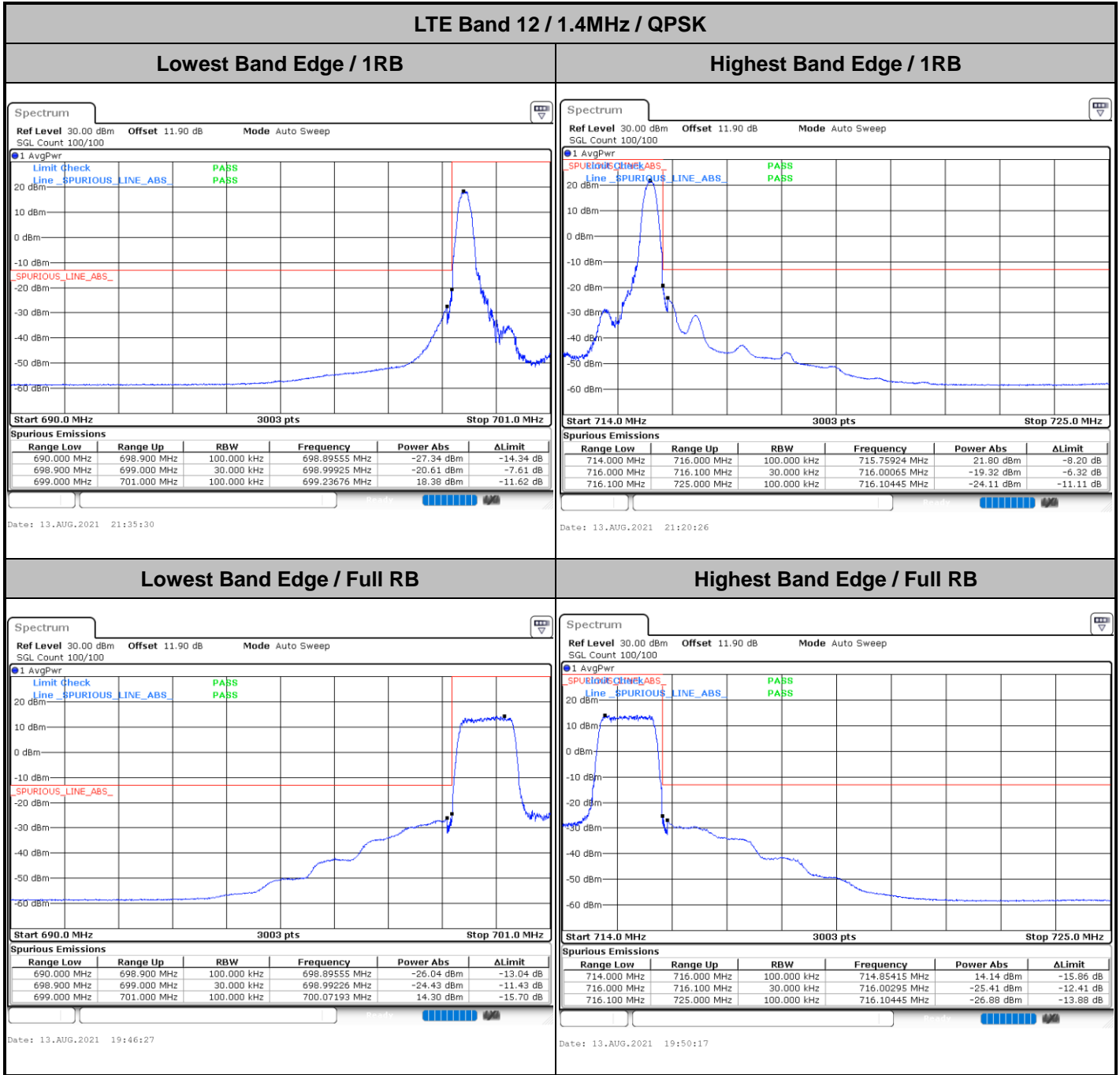
Highest Channel / QPSK





# LTE Band 12

## Conducted Band Edge

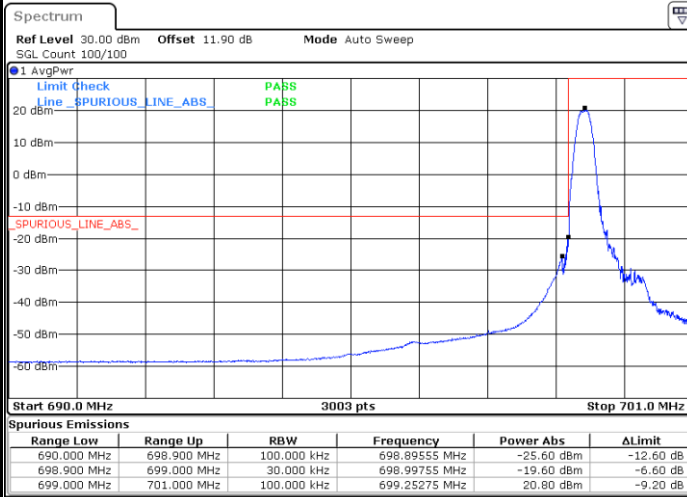






LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



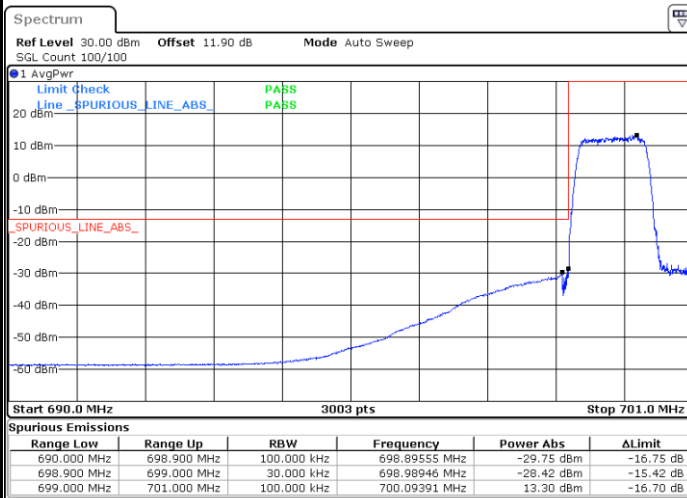
Date: 13.AUG.2021 19:47:40

Highest Band Edge / 1 RB



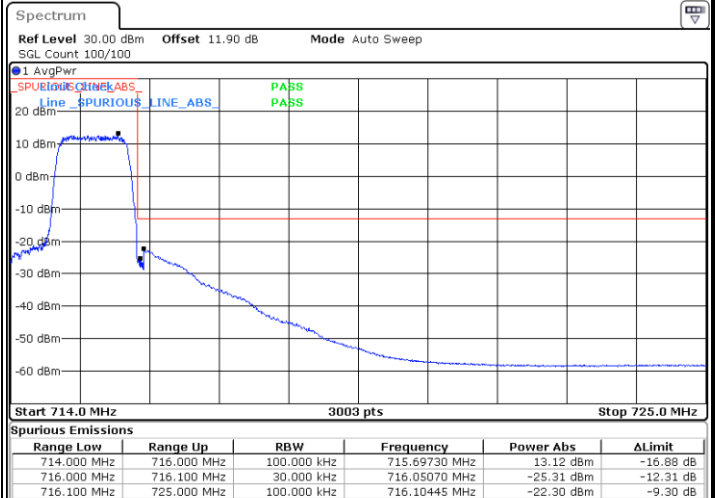
Date: 13.AUG.2021 19:51:30

Lowest Band Edge / Full RB



Date: 13.AUG.2021 19:47:04

Highest Band Edge / Full RB

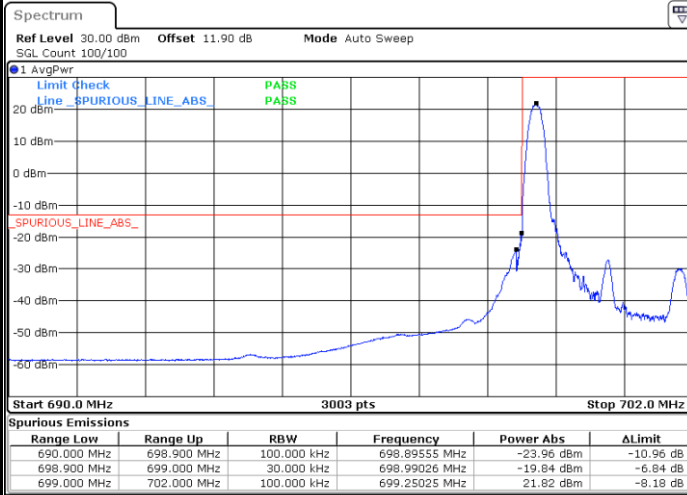


Date: 13.AUG.2021 19:50:53



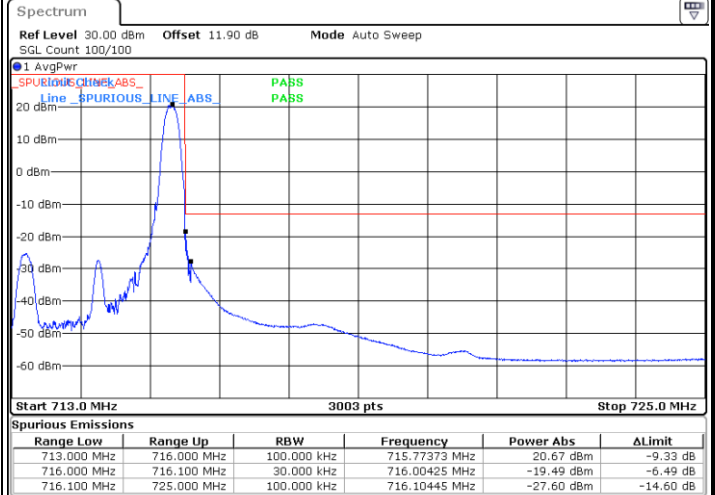
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



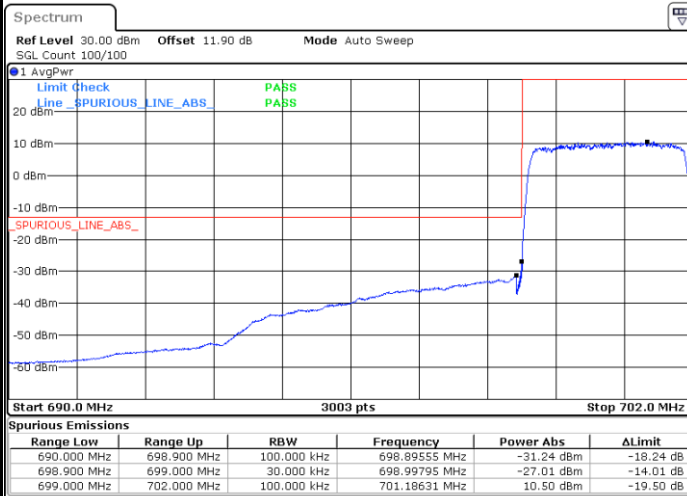
Date: 13.AUG.2021 19:55:15

Highest Band Edge / 1 RB



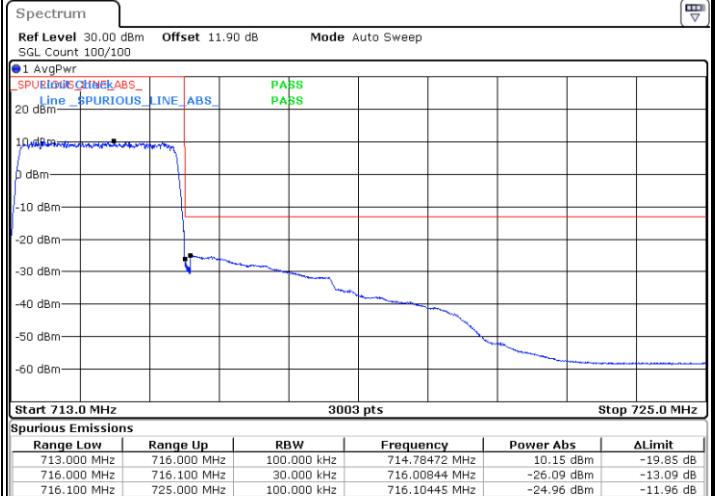
Date: 13.AUG.2021 19:58:27

Lowest Band Edge / Full RB



Date: 13.AUG.2021 19:53:25

Highest Band Edge / Full RB

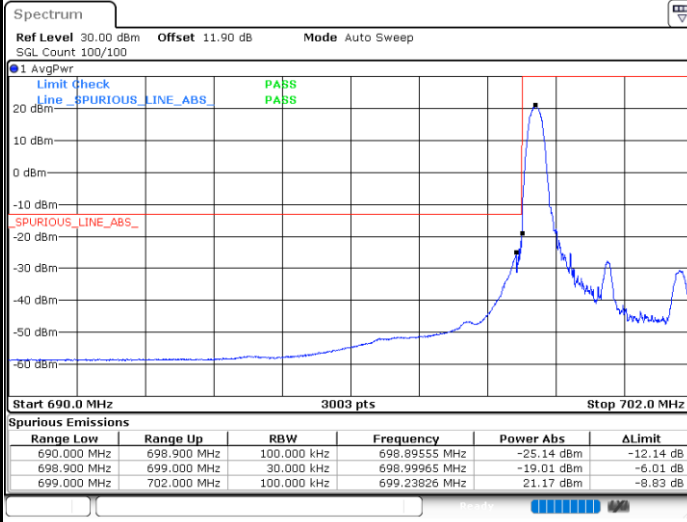


Date: 13.AUG.2021 19:57:14



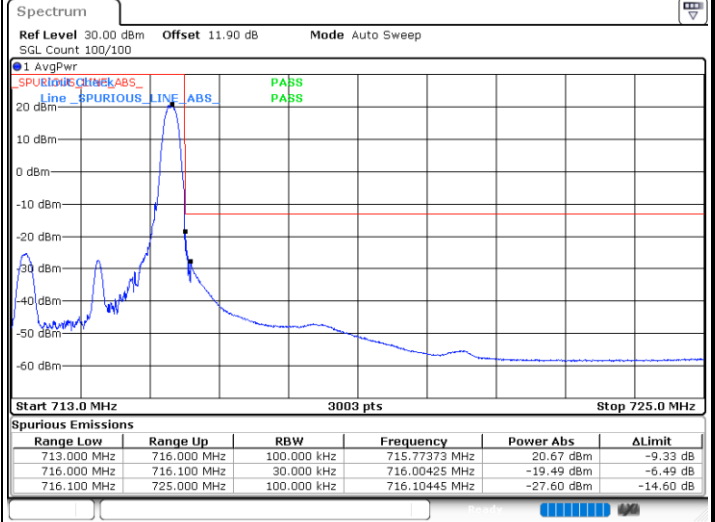
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



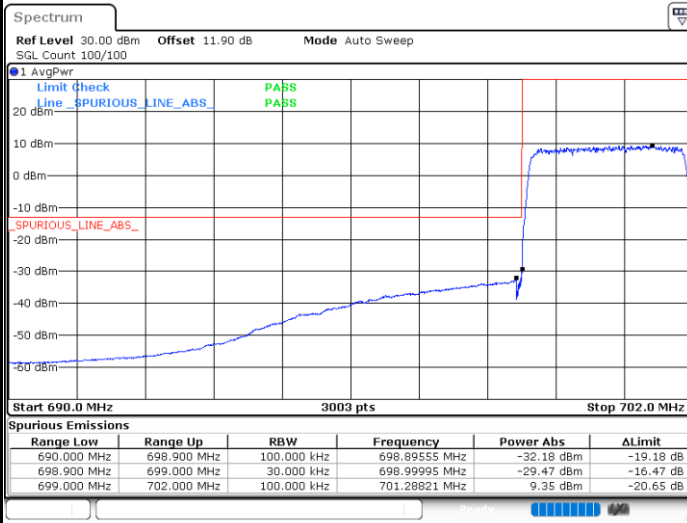
Date: 13.AUG.2021 19:54:38

Highest Band Edge / 1 RB



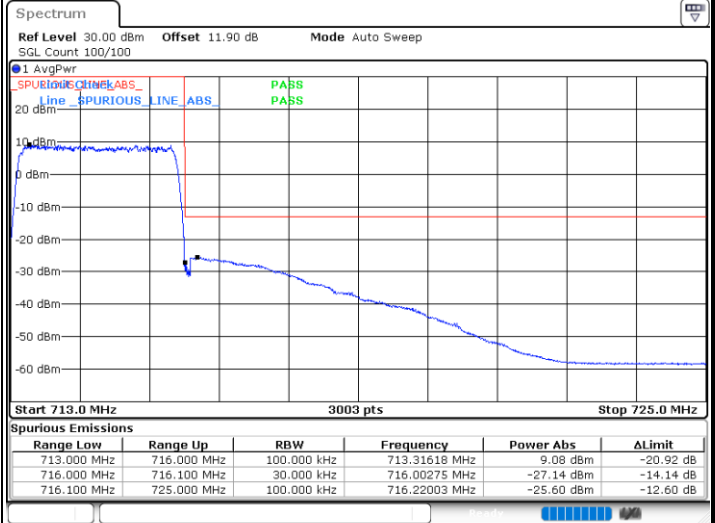
Date: 13.AUG.2021 19:58:27

Lowest Band Edge / Full RB



Date: 13.AUG.2021 19:54:01

Highest Band Edge / Full RB

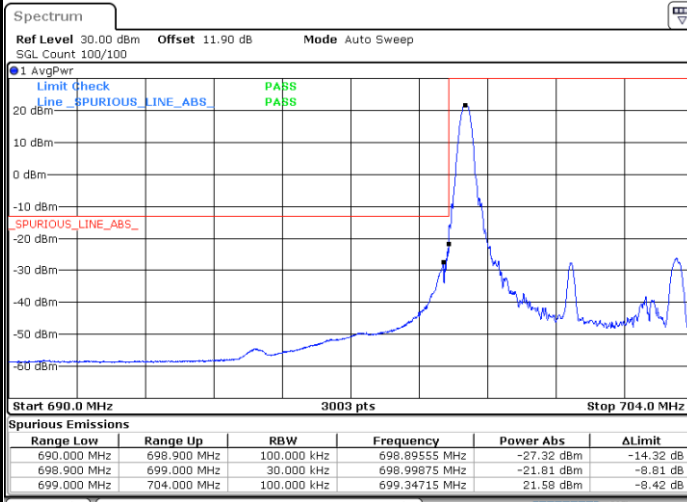


Date: 13.AUG.2021 19:57:50



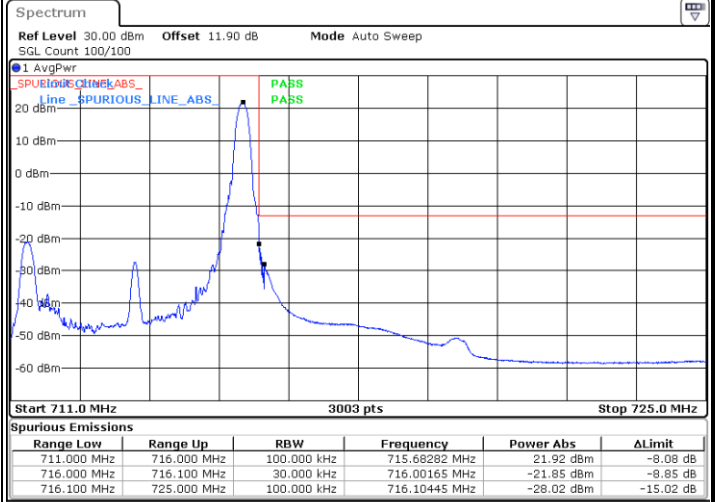
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



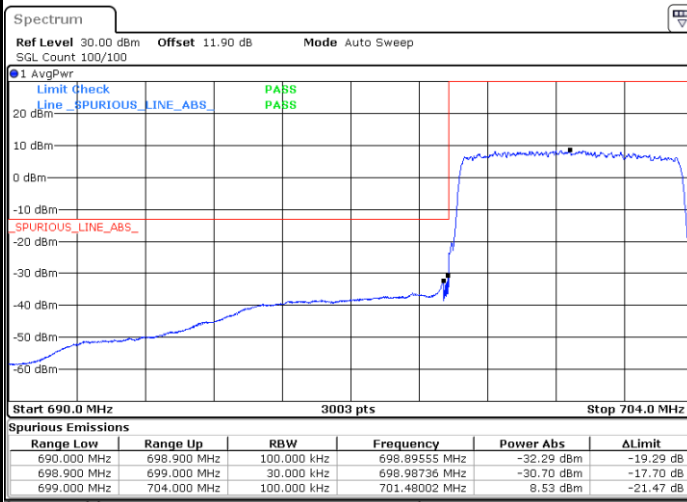
Date: 13.AUG.2021 20:02:13

Highest Band Edge / 1 RB



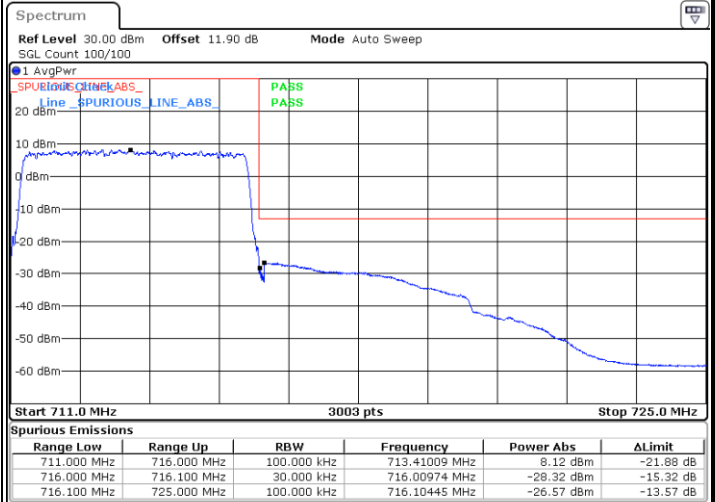
Date: 13.AUG.2021 20:05:25

Lowest Band Edge / Full RB



Date: 13.AUG.2021 20:00:23

Highest Band Edge / Full RB

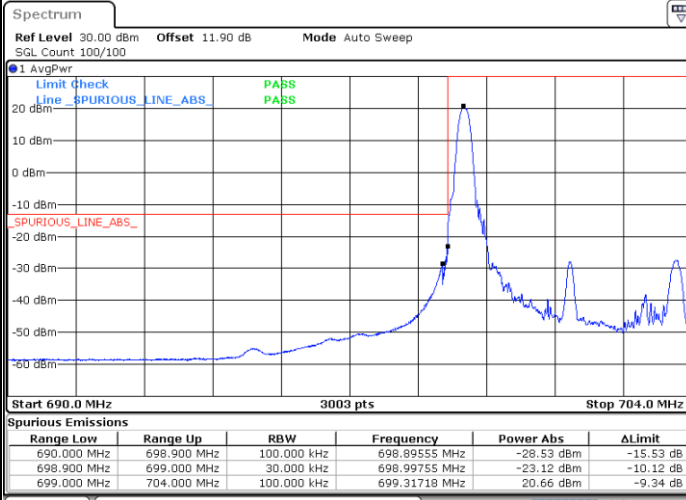


Date: 13.AUG.2021 20:04:12



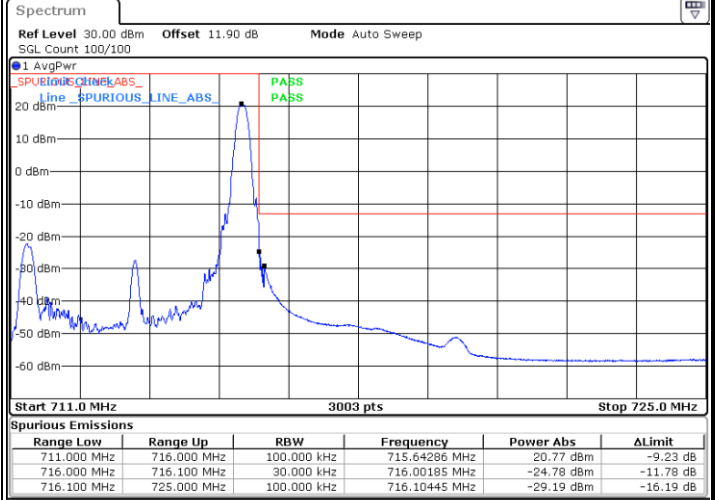
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



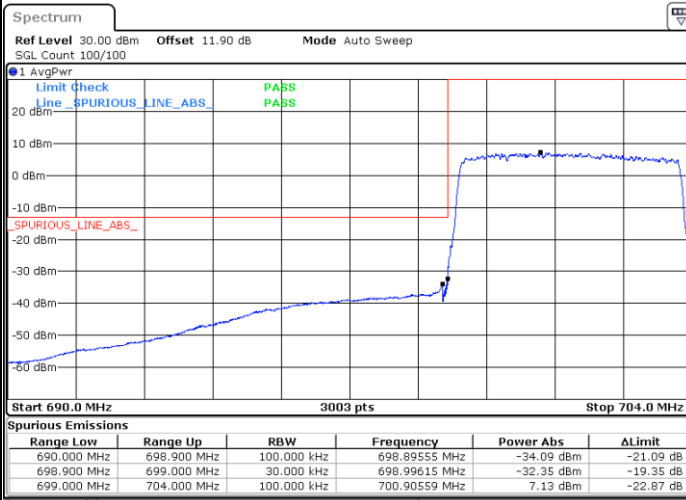
Date: 13.AUG.2021 20:01:36

Highest Band Edge / 1 RB



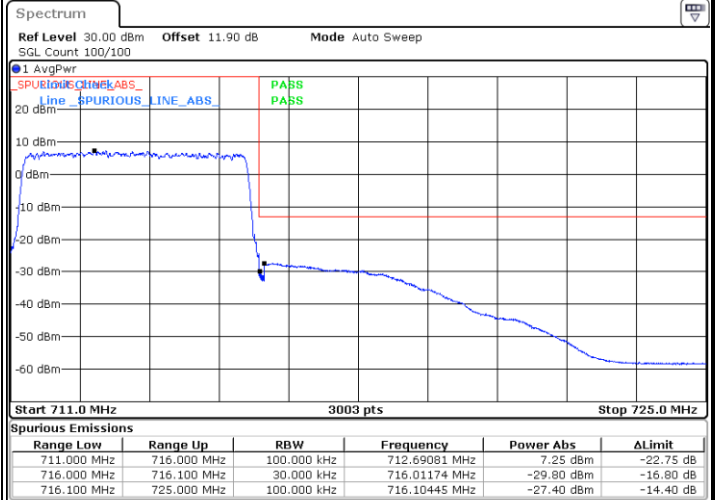
Date: 13.AUG.2021 20:06:02

Lowest Band Edge / Full RB



Date: 13.AUG.2021 20:00:59

Highest Band Edge / Full RB

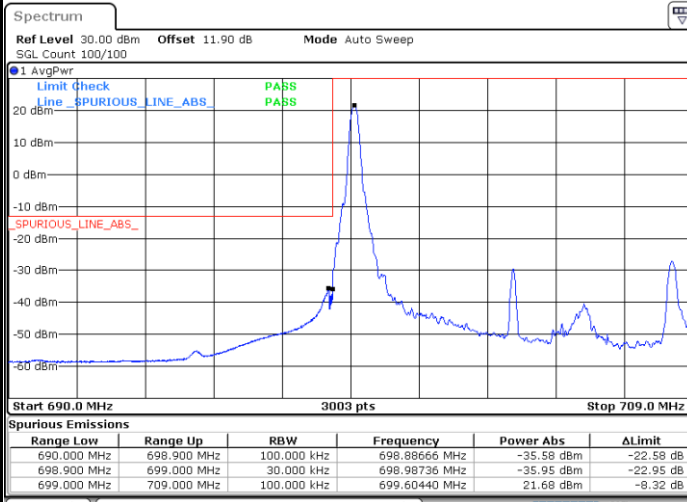


Date: 13.AUG.2021 20:04:49



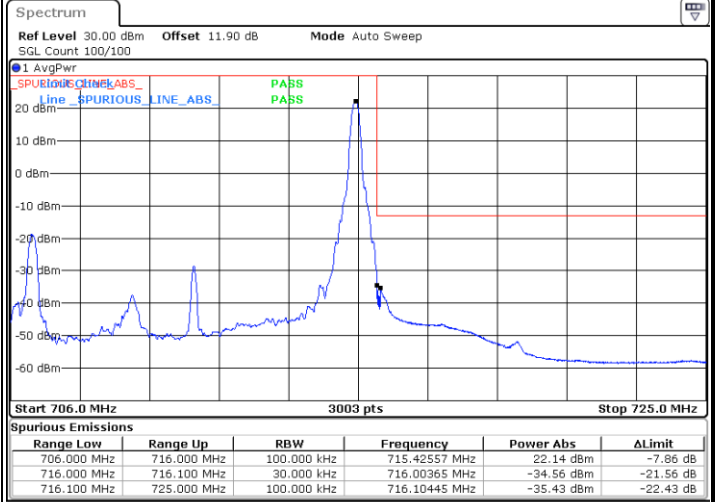
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



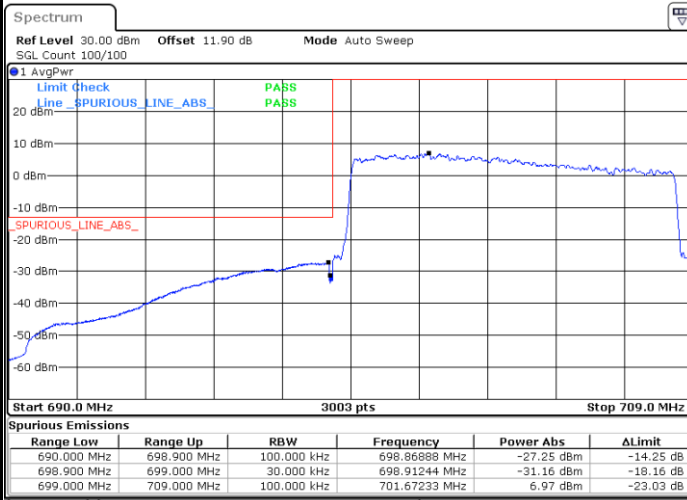
Date: 13.AUG.2021 20:39:32

Highest Band Edge / 1 RB



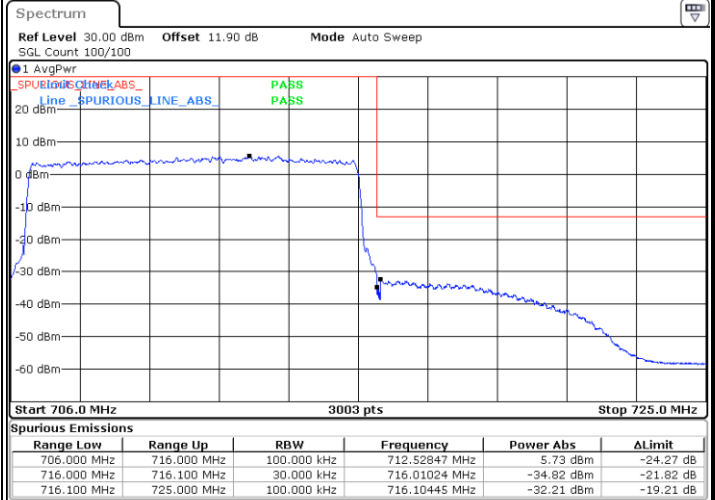
Date: 13.AUG.2021 20:44:31

Lowest Band Edge / Full RB



Date: 13.AUG.2021 20:07:21

Highest Band Edge / Full RB



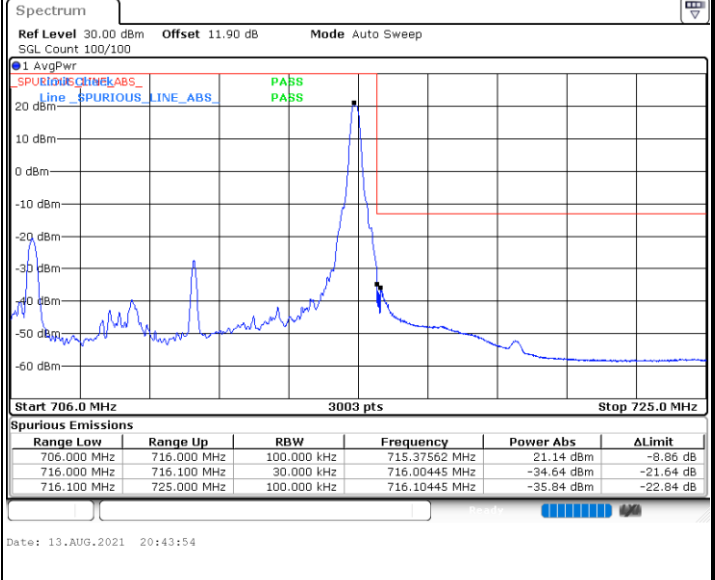
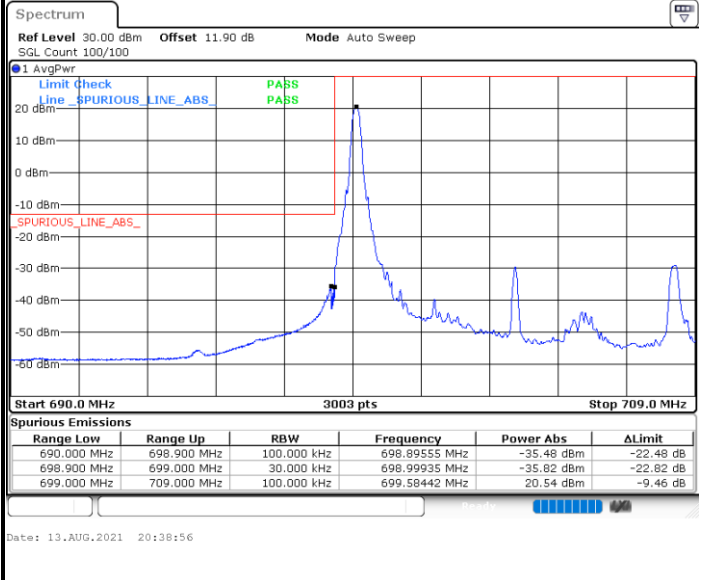
Date: 13.AUG.2021 20:41:32



LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





# Conducted Spurious Emission



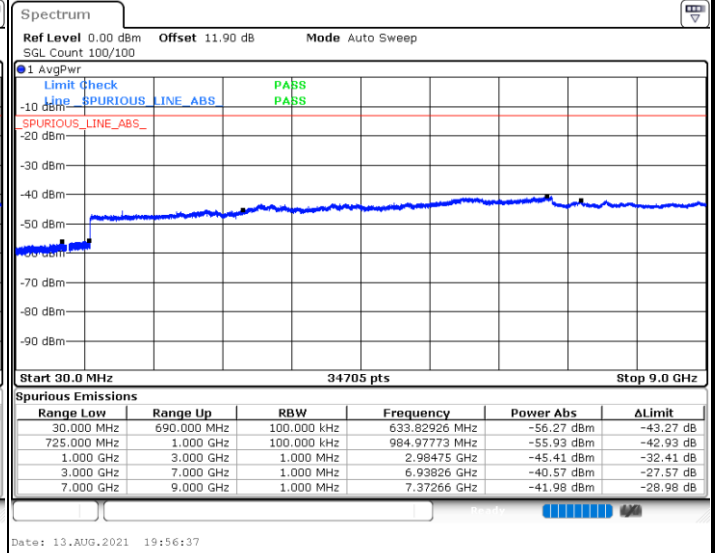
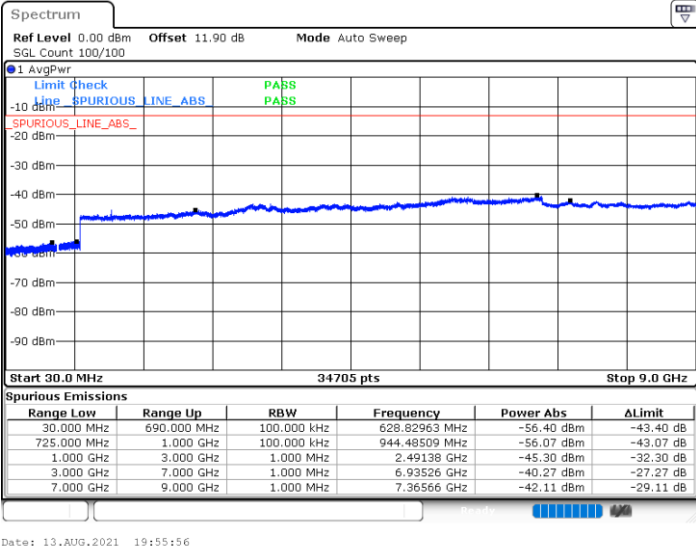




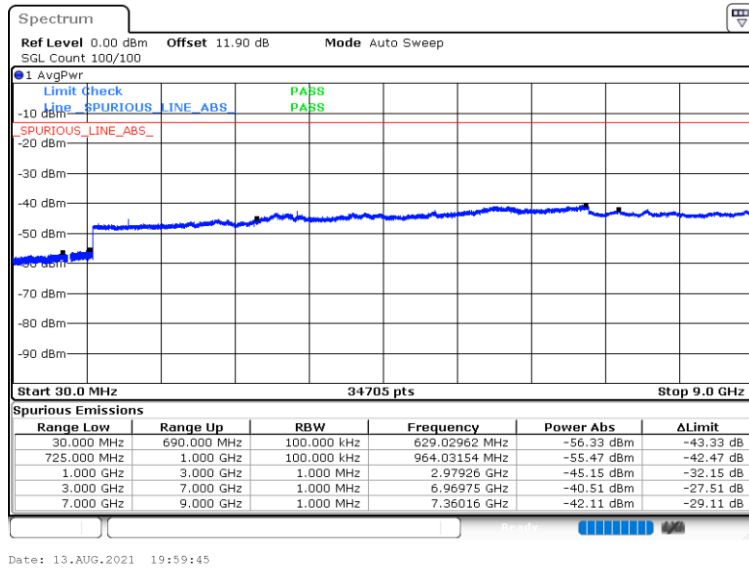
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

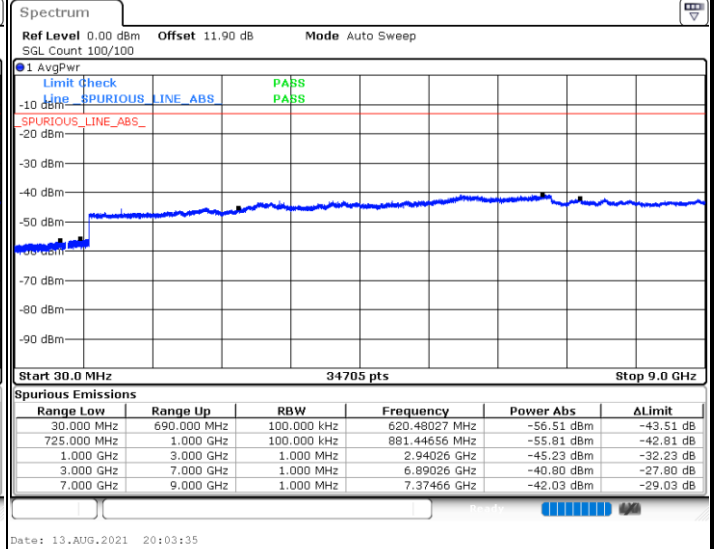
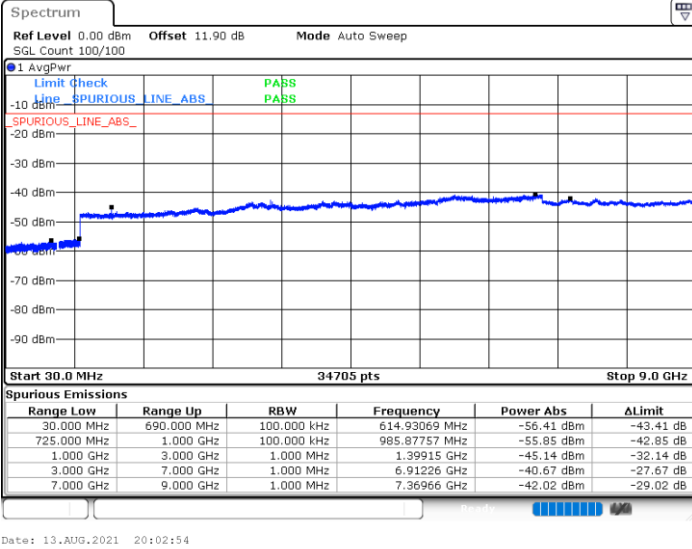




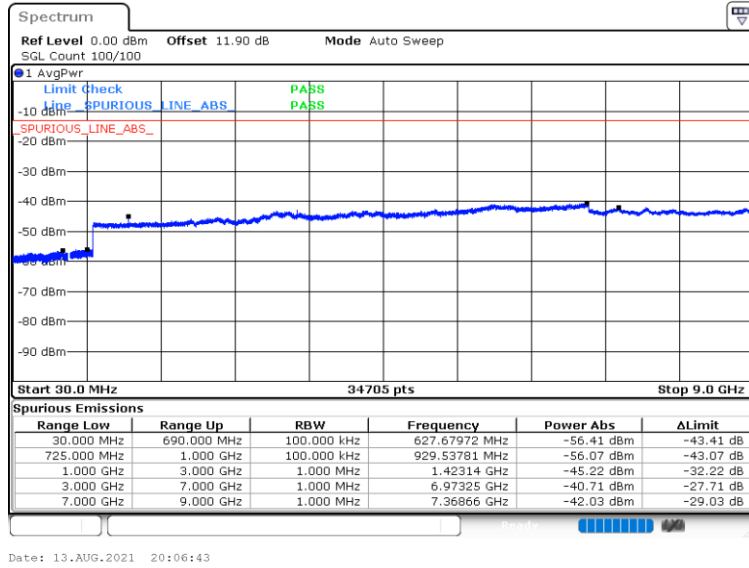
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

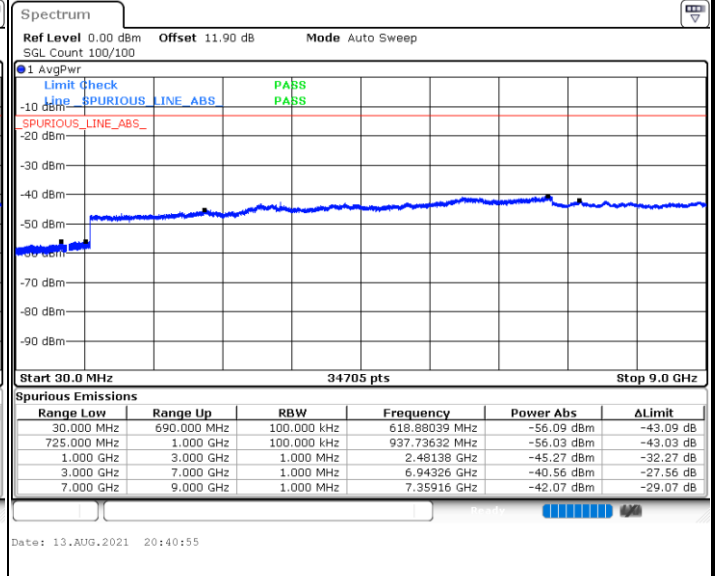
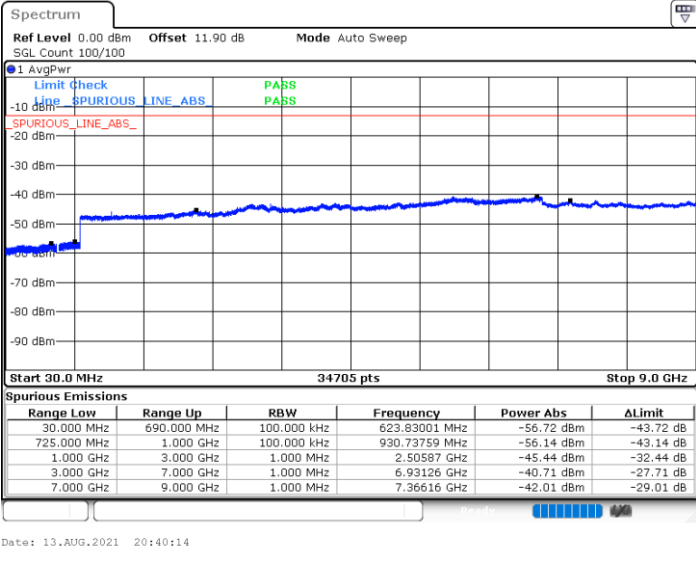




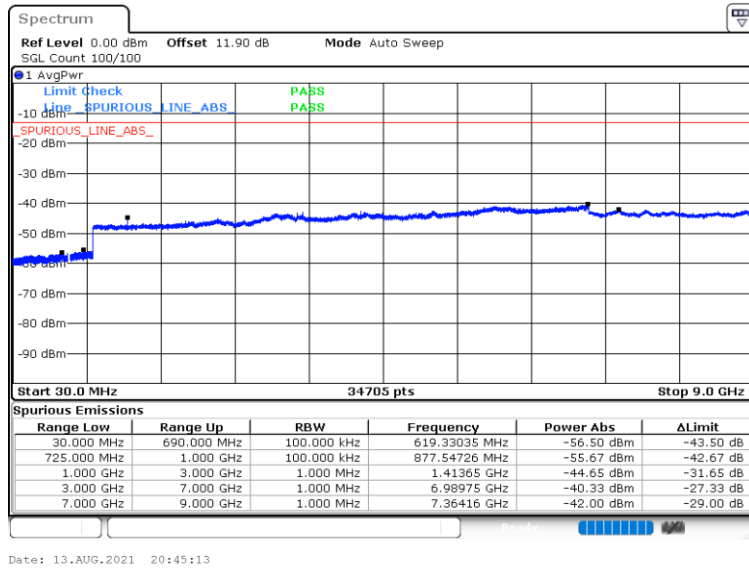
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### Appendix B. Test Results of Radiated Test

### LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3744	-57.71	-13	-44.71	-78.48	-64.32	1.68	8.29	H
	5616	-55.44	-13	-42.44	-81.13	-62.49	2.69	9.75	H
	7482	-53.88	-13	-40.88	-80.98	-63.21	2.44	11.76	H
									H
									H
									H
									H
	3744	-57.61	-13	-44.61	-78.51	-64.22	1.68	8.29	V
	5616	-55.53	-13	-42.53	-81.15	-62.58	2.69	9.75	V
	7482	-53.44	-13	-40.44	-80.94	-62.77	2.44	11.76	V
									V
									V
									V
									V

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



**LTE Band 4**

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3474	-55.77	-13	-42.77	-76.71	-62.06	1.60	7.89	H
	5208	-55.25	-13	-42.25	-79.87	-62.49	2.46	9.70	H
	6942	-54.76	-13	-41.76	-81.61	-62.88	2.61	10.73	H
									H
									H
									H
									H
	3474	-54.93	-13	-41.93	-75.8	-61.22	1.60	7.89	V
	5208	-56.13	-13	-43.13	-80.55	-63.37	2.46	9.70	V
	6942	-54.43	-13	-41.43	-81.34	-62.55	2.61	10.73	V
									V
									V
									V
									V

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



**LTE Band 12**

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-60.81	-13.00	-47.81	-71.10	-62.52	0.87	4.73	H
	2104	-61.53	-13.00	-48.53	-77.05	-62.43	1.17	4.21	H
	4216	-52.23	-13.00	-39.23	-73.11	-56.84	1.89	8.64	H
									H
									H
									H
									H
	1408	-61.17	-13.00	-48.17	-71.84	-62.88	0.87	4.73	V
	2104	-60.65	-13.00	-47.65	-76.43	-61.55	1.17	4.21	V
	4216	-50.87	-13.00	-37.87	-71.93	-55.48	1.89	8.64	V
									V
									V
									V
									V

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