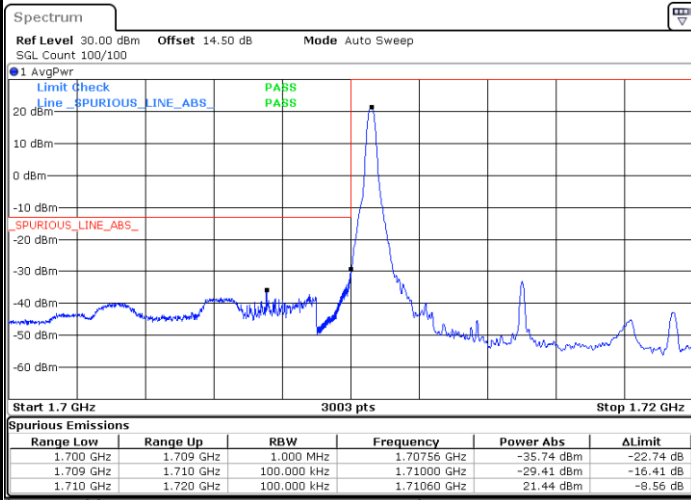




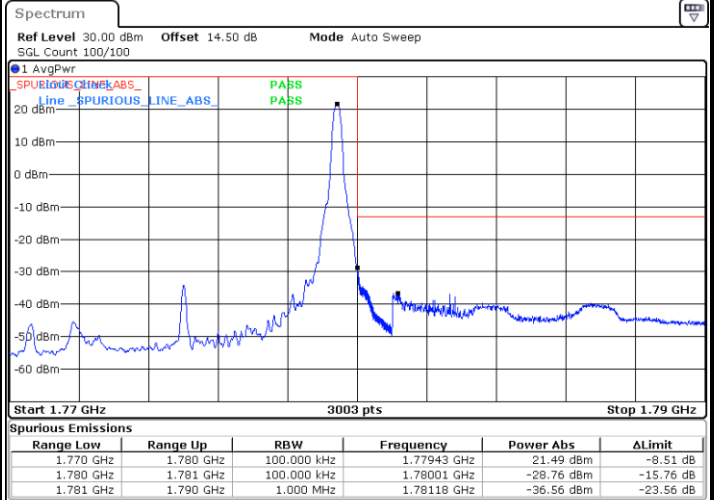
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



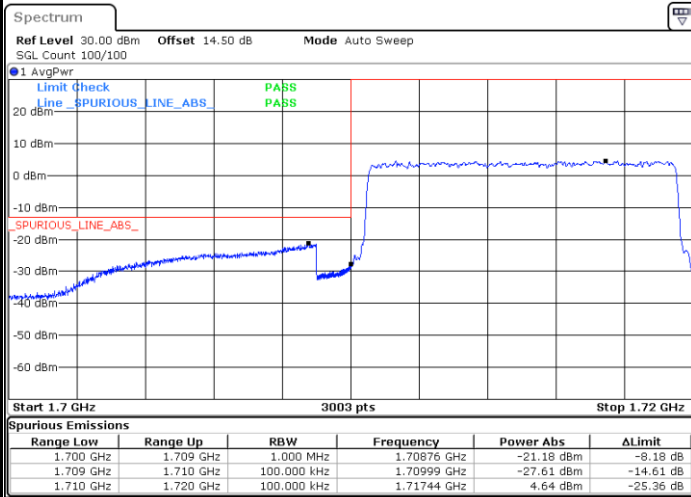
Date: 29.OCT.2021 12:28:53

Highest Band Edge / 1 RB



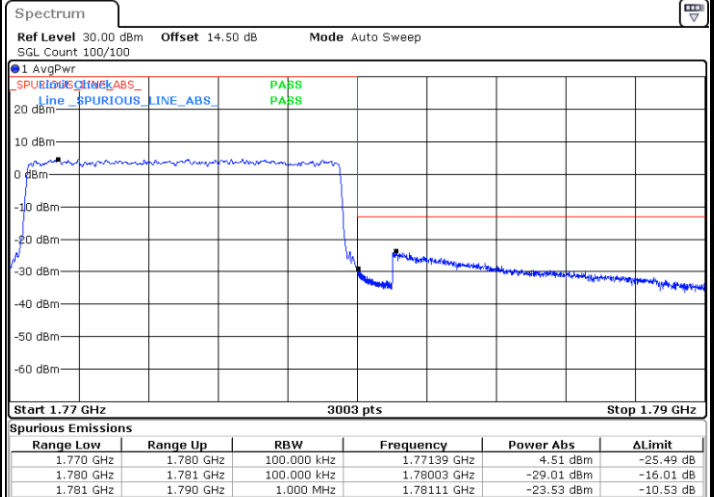
Date: 29.OCT.2021 12:39:41

Lowest Band Edge / Full RB



Date: 29.OCT.2021 12:30:40

Highest Band Edge / Full RB

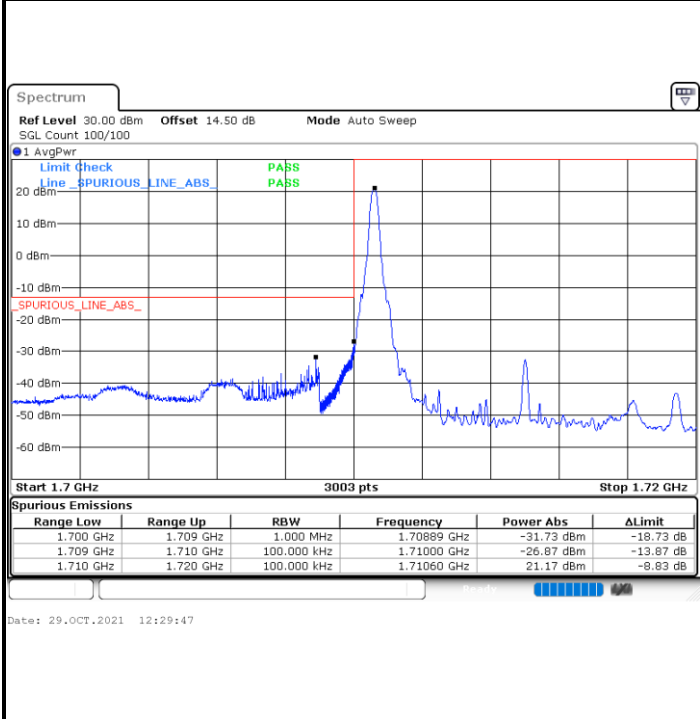


Date: 29.OCT.2021 12:41:28

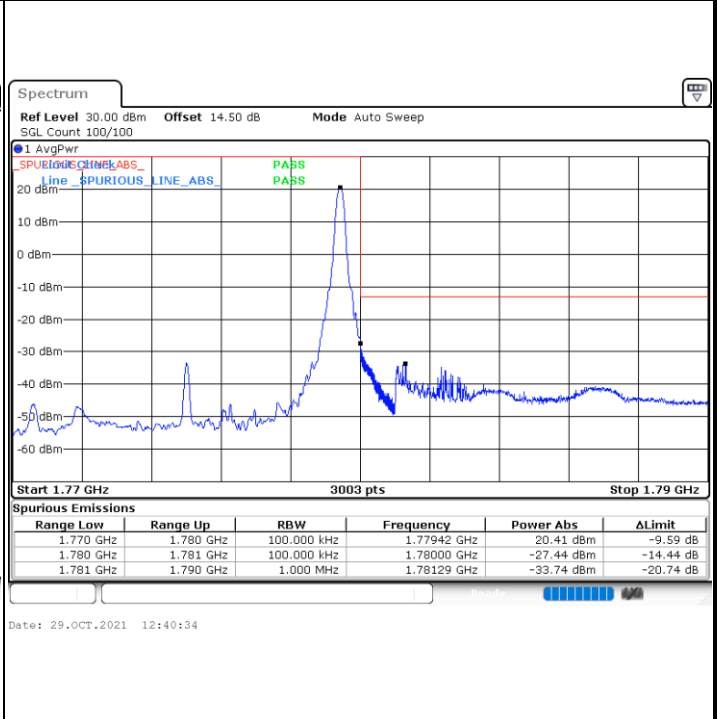


**LTE Band 66 / 10MHz / 16QAM**

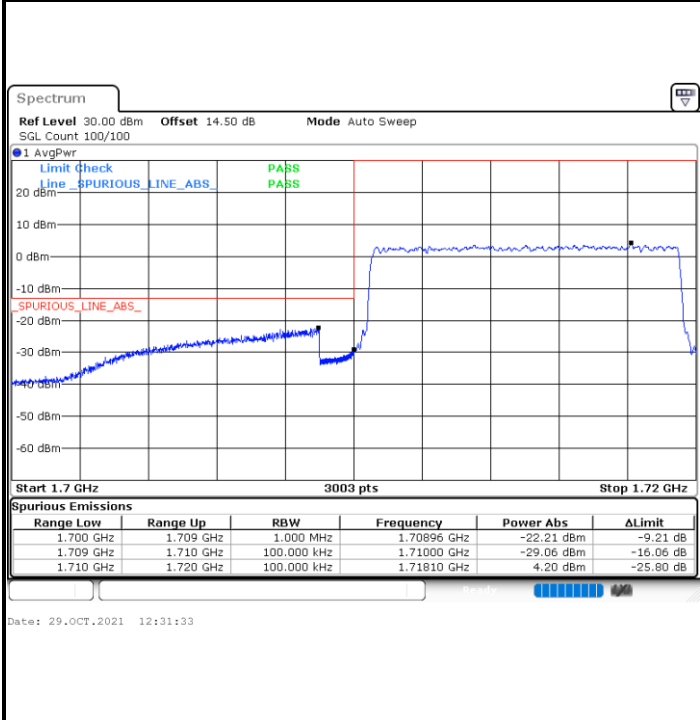
**Lowest Band Edge / 1 RB**



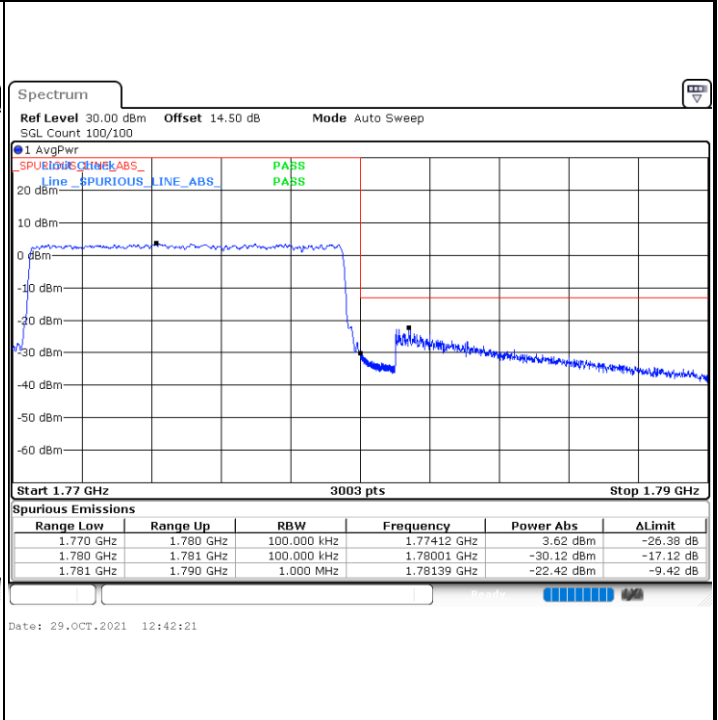
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



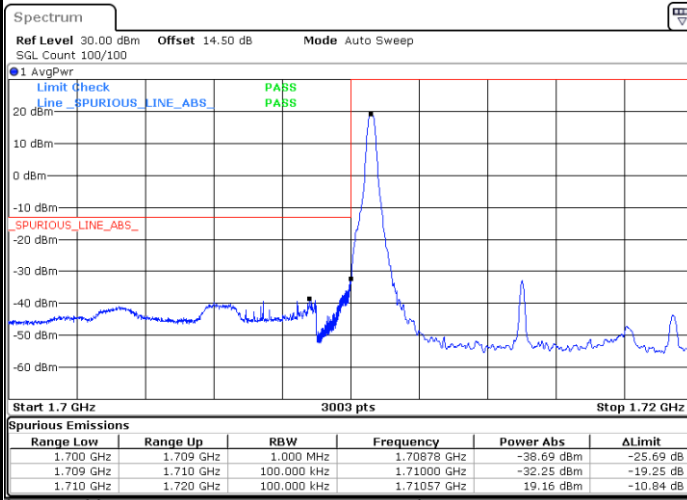
**Highest Band Edge / Full RB**





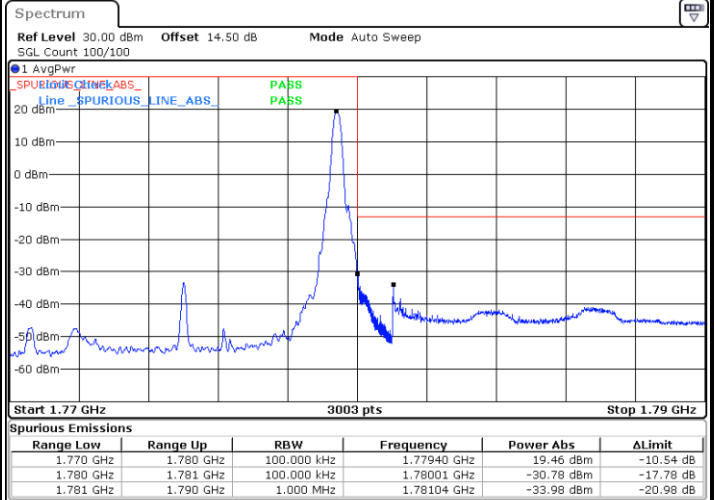
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



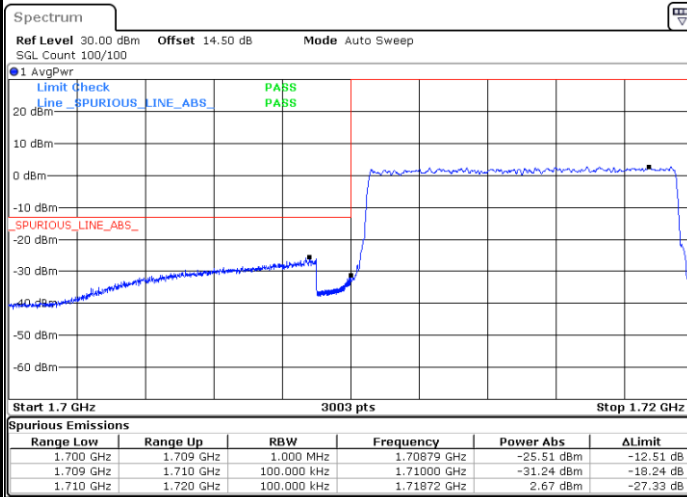
Date: 29.OCT.2021 12:45:47

Highest Band Edge / 1 RB



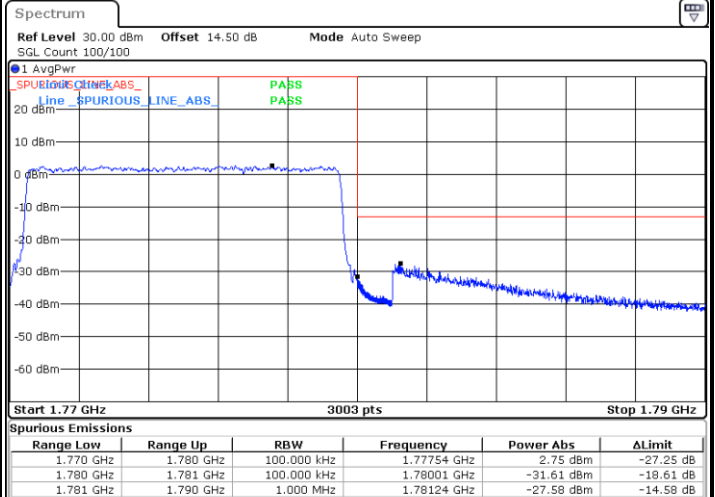
Date: 29.OCT.2021 12:50:51

Lowest Band Edge / Full RB



Date: 29.OCT.2021 12:46:40

Highest Band Edge / Full RB

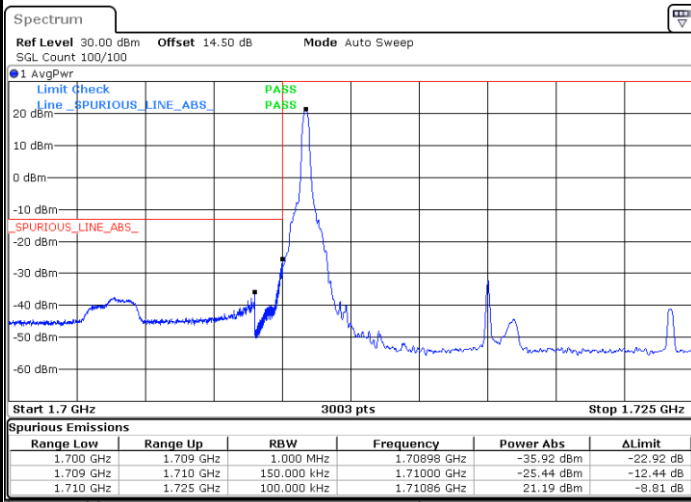


Date: 29.OCT.2021 12:51:45



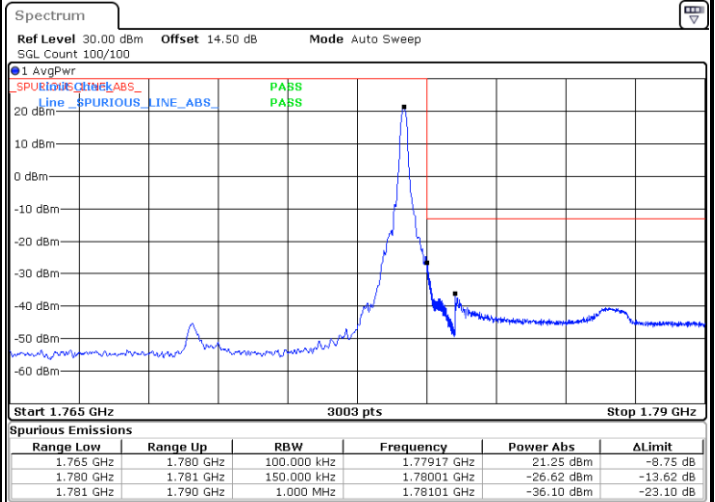
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



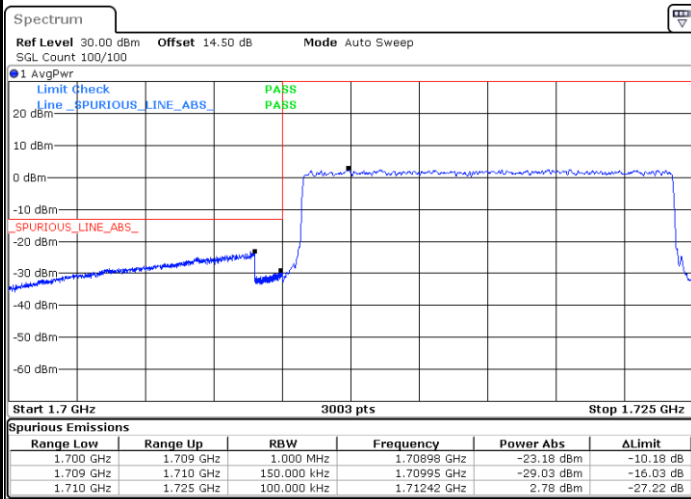
Date: 29.OCT.2021 13:03:52

Highest Band Edge / 1 RB



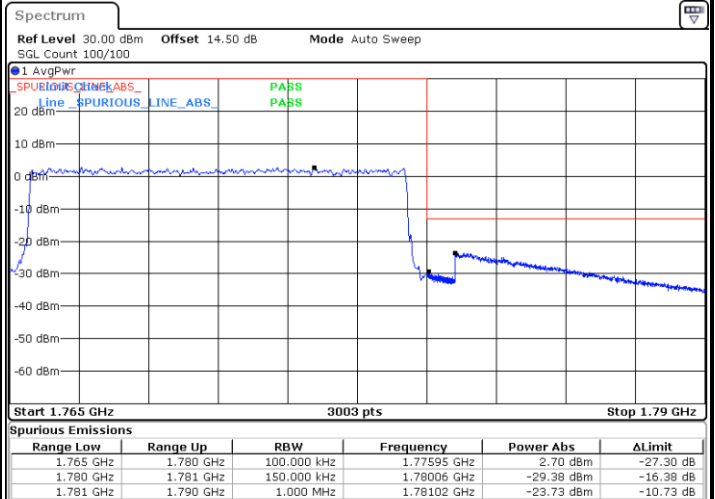
Date: 29.OCT.2021 13:14:39

Lowest Band Edge / Full RB



Date: 29.OCT.2021 13:05:39

Highest Band Edge / Full RB

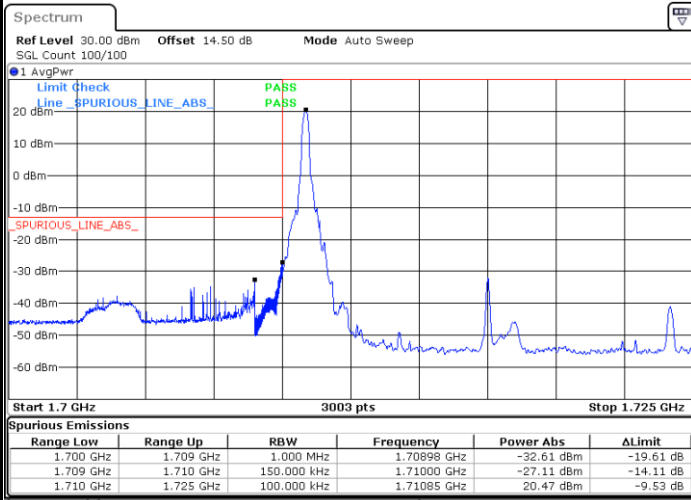


Date: 29.OCT.2021 13:16:25



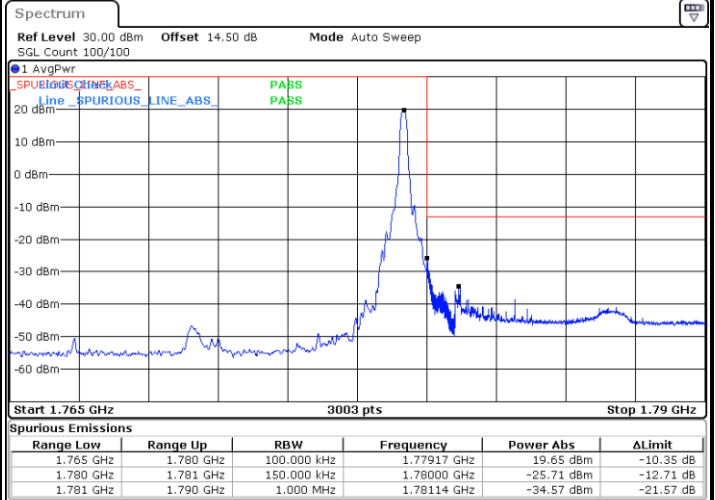
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



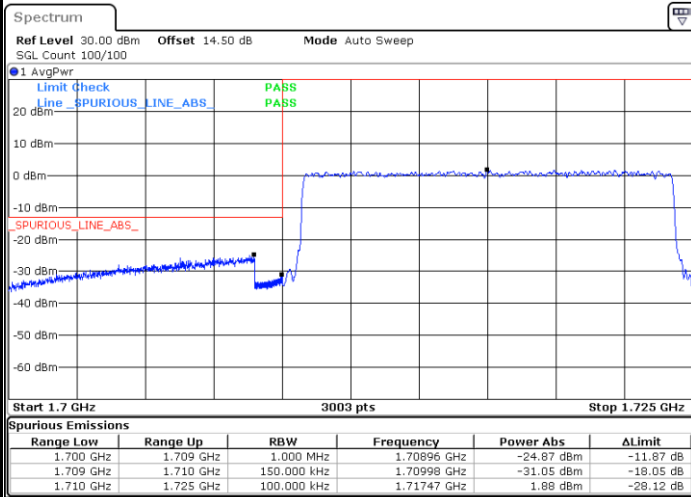
Date: 29.OCT.2021 13:04:45

Highest Band Edge / 1 RB



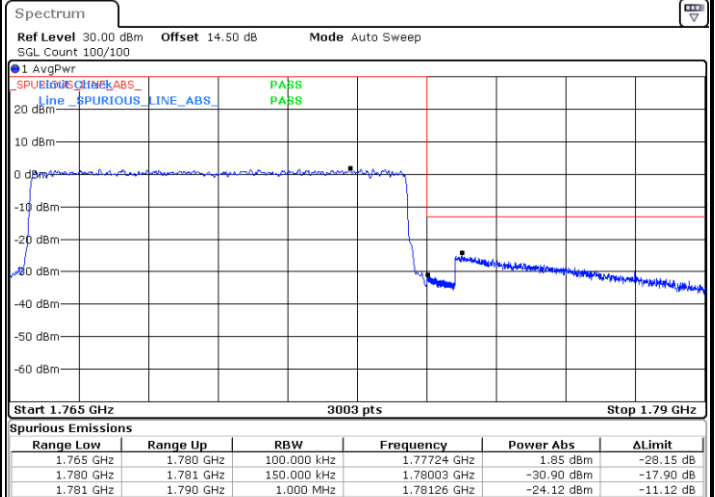
Date: 29.OCT.2021 13:15:32

Lowest Band Edge / Full RB



Date: 29.OCT.2021 13:06:32

Highest Band Edge / Full RB

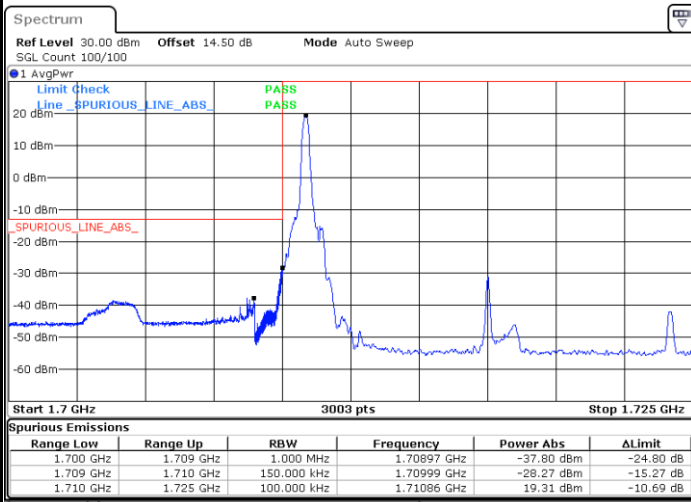


Date: 29.OCT.2021 13:17:19



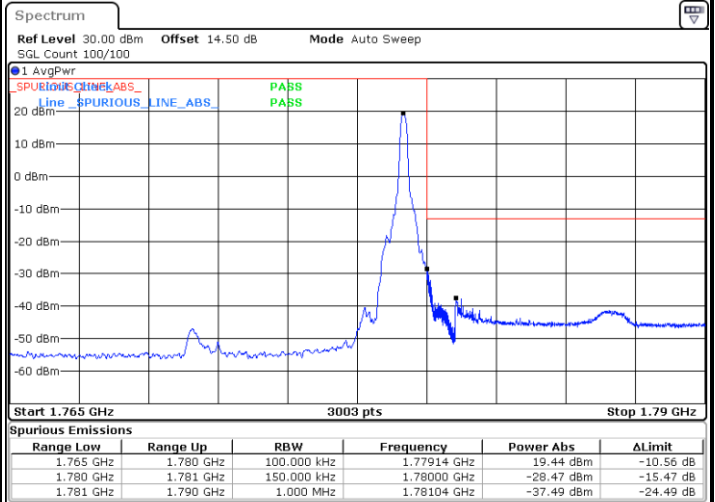
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



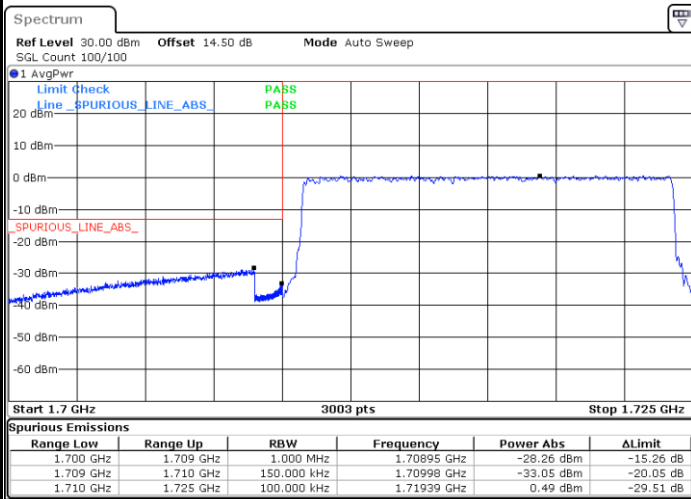
Date: 29.OCT.2021 12:54:18

Highest Band Edge / 1 RB



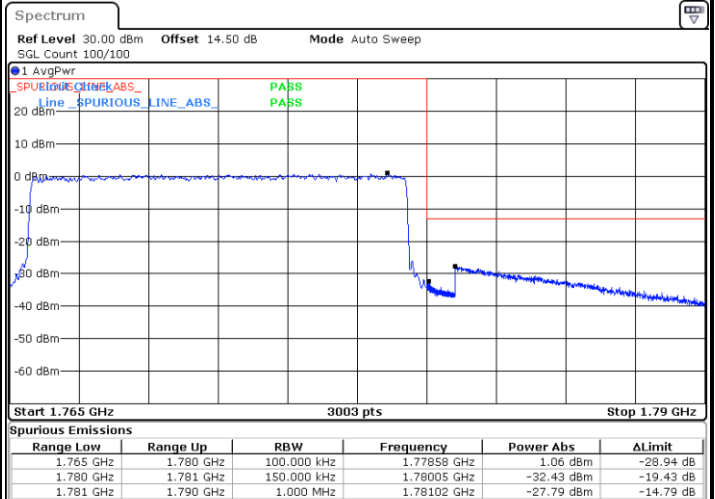
Date: 29.OCT.2021 12:59:22

Lowest Band Edge / Full RB



Date: 29.OCT.2021 12:55:11

Highest Band Edge / Full RB

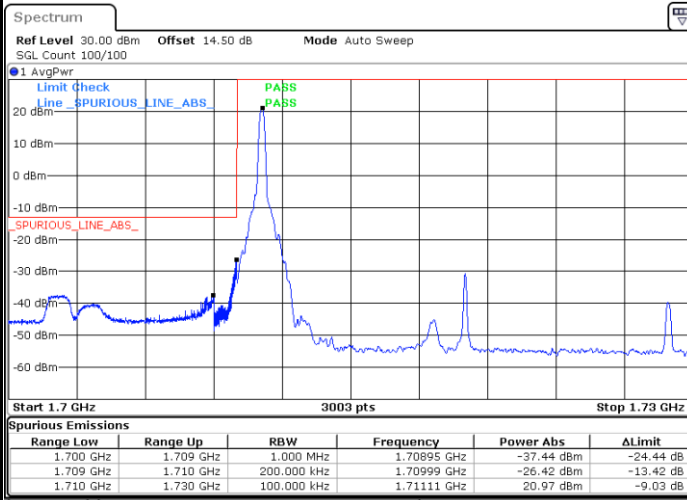


Date: 29.OCT.2021 13:00:16



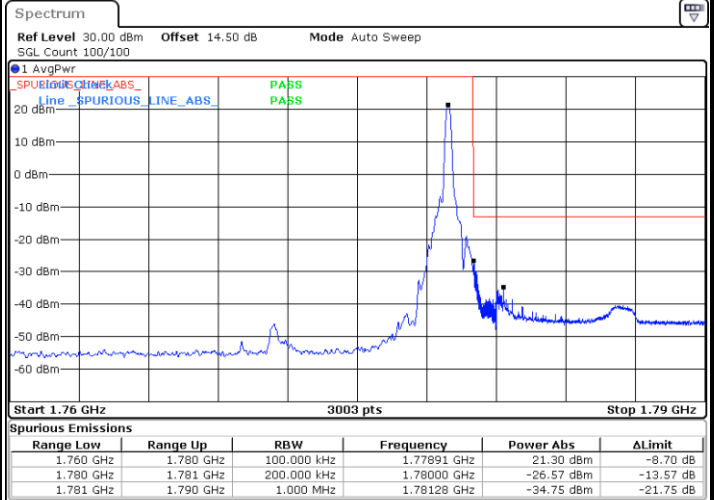
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



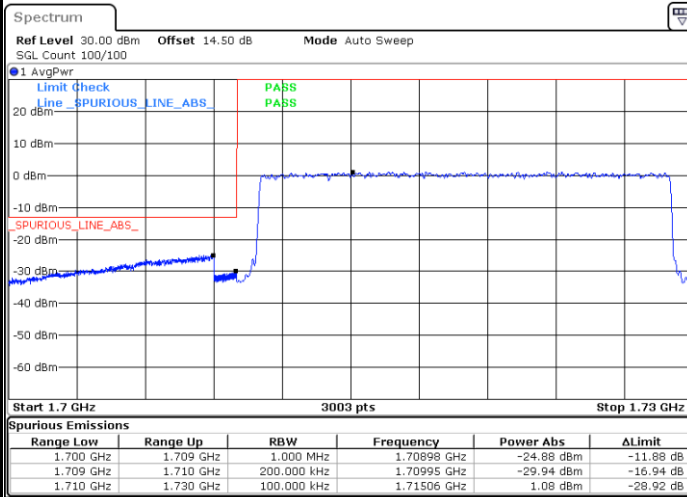
Date: 29.OCT.2021 13:21:50

Highest Band Edge / 1 RB



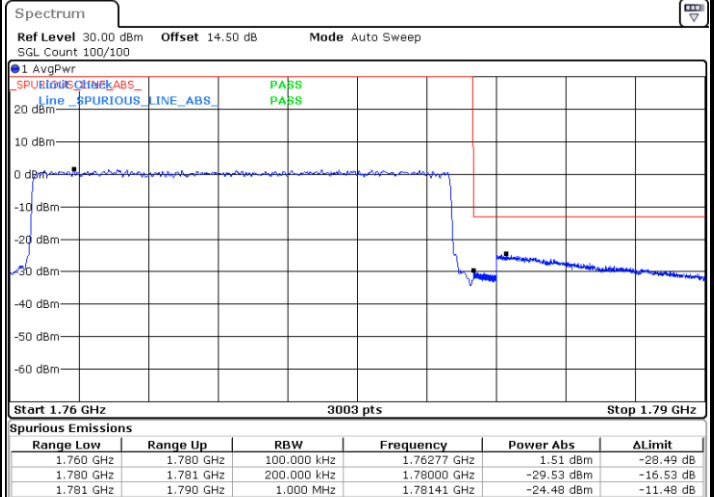
Date: 29.OCT.2021 13:32:45

Lowest Band Edge / Full RB



Date: 29.OCT.2021 13:23:36

Highest Band Edge / Full RB

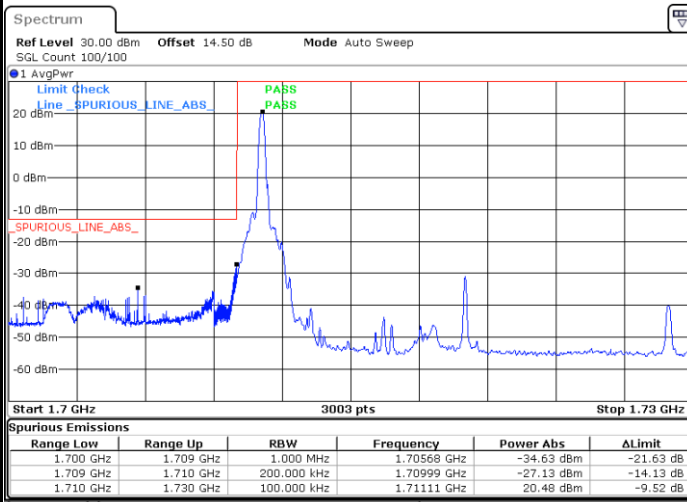


Date: 29.OCT.2021 13:34:31



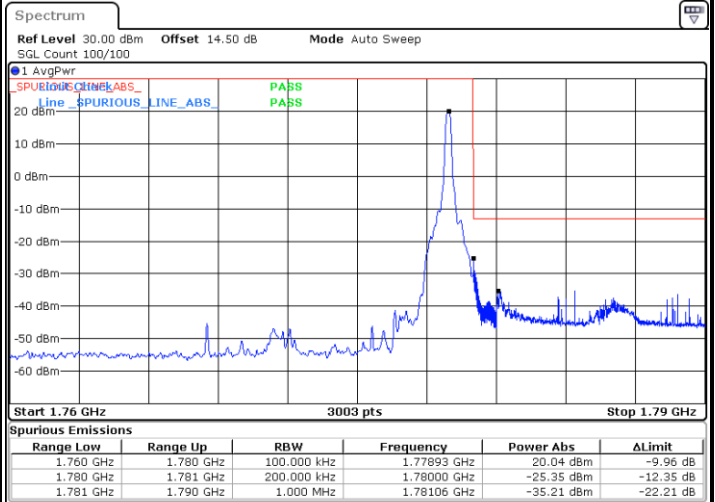
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



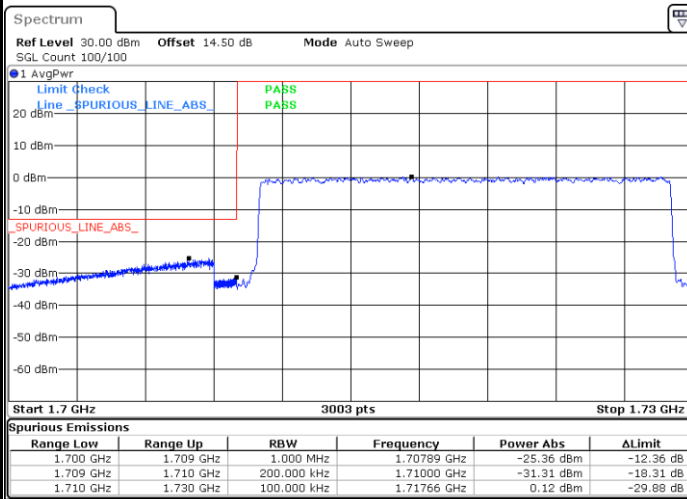
Date: 29.OCT.2021 13:22:43

Highest Band Edge / 1 RB



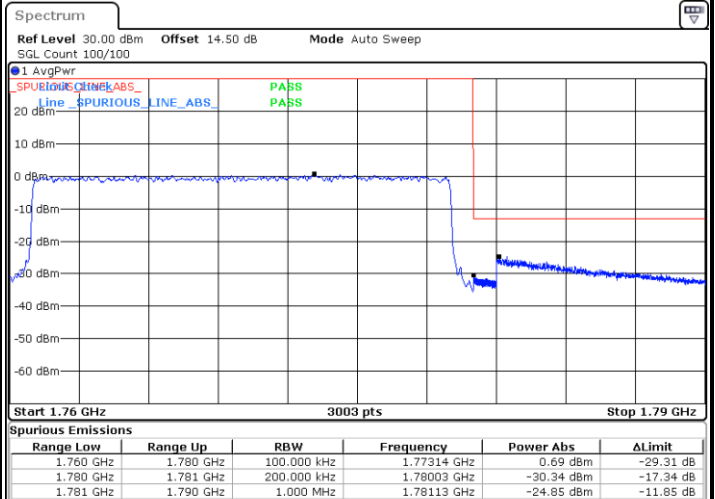
Date: 29.OCT.2021 13:33:38

Lowest Band Edge / Full RB



Date: 29.OCT.2021 13:24:30

Highest Band Edge / Full RB



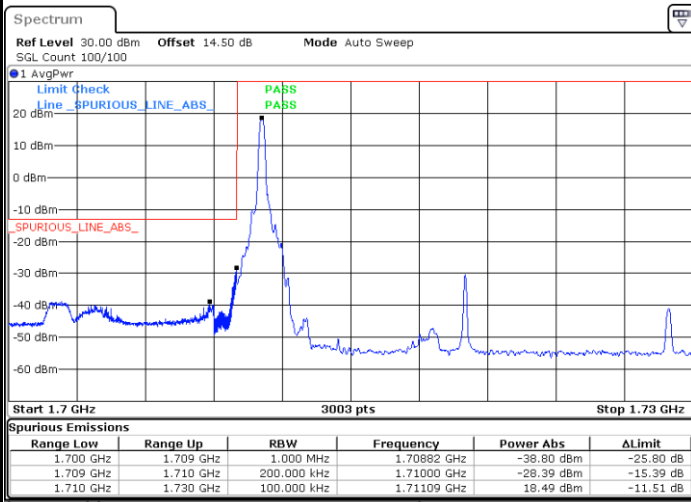
Date: 29.OCT.2021 13:35:25





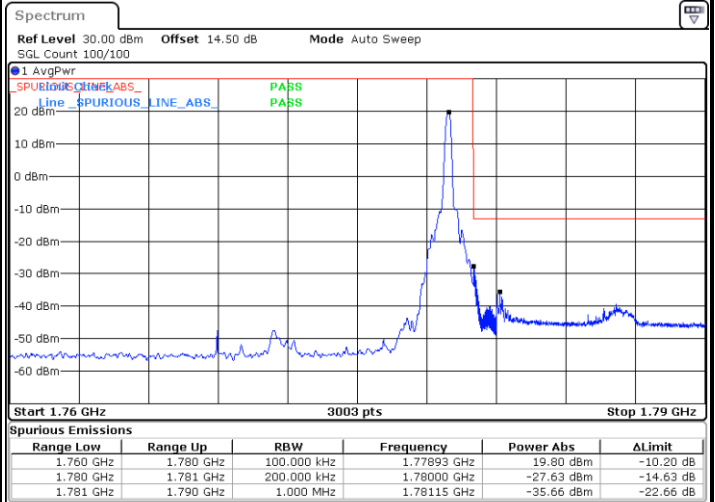
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



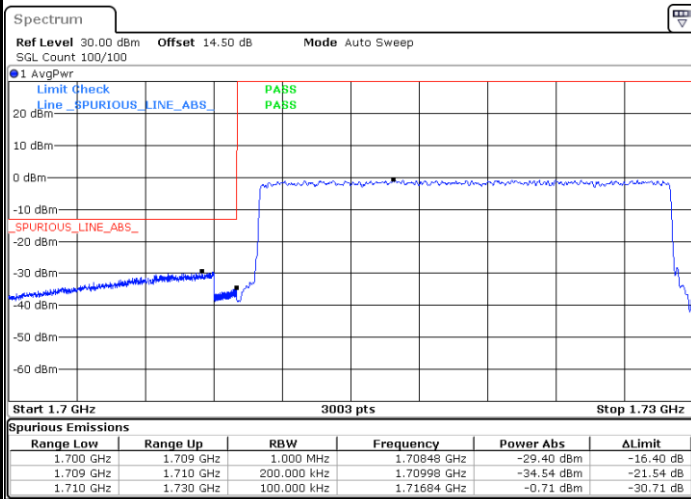
Date: 29.OCT.2021 13:38:50

Highest Band Edge / 1 RB



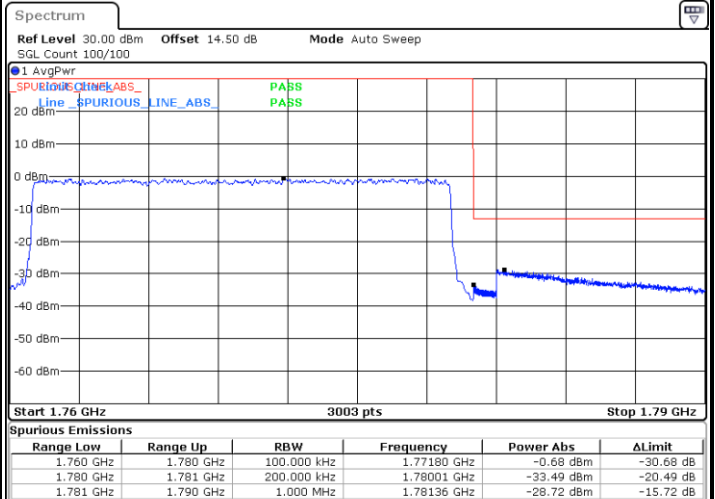
Date: 29.OCT.2021 13:43:53

Lowest Band Edge / Full RB



Date: 29.OCT.2021 13:39:43

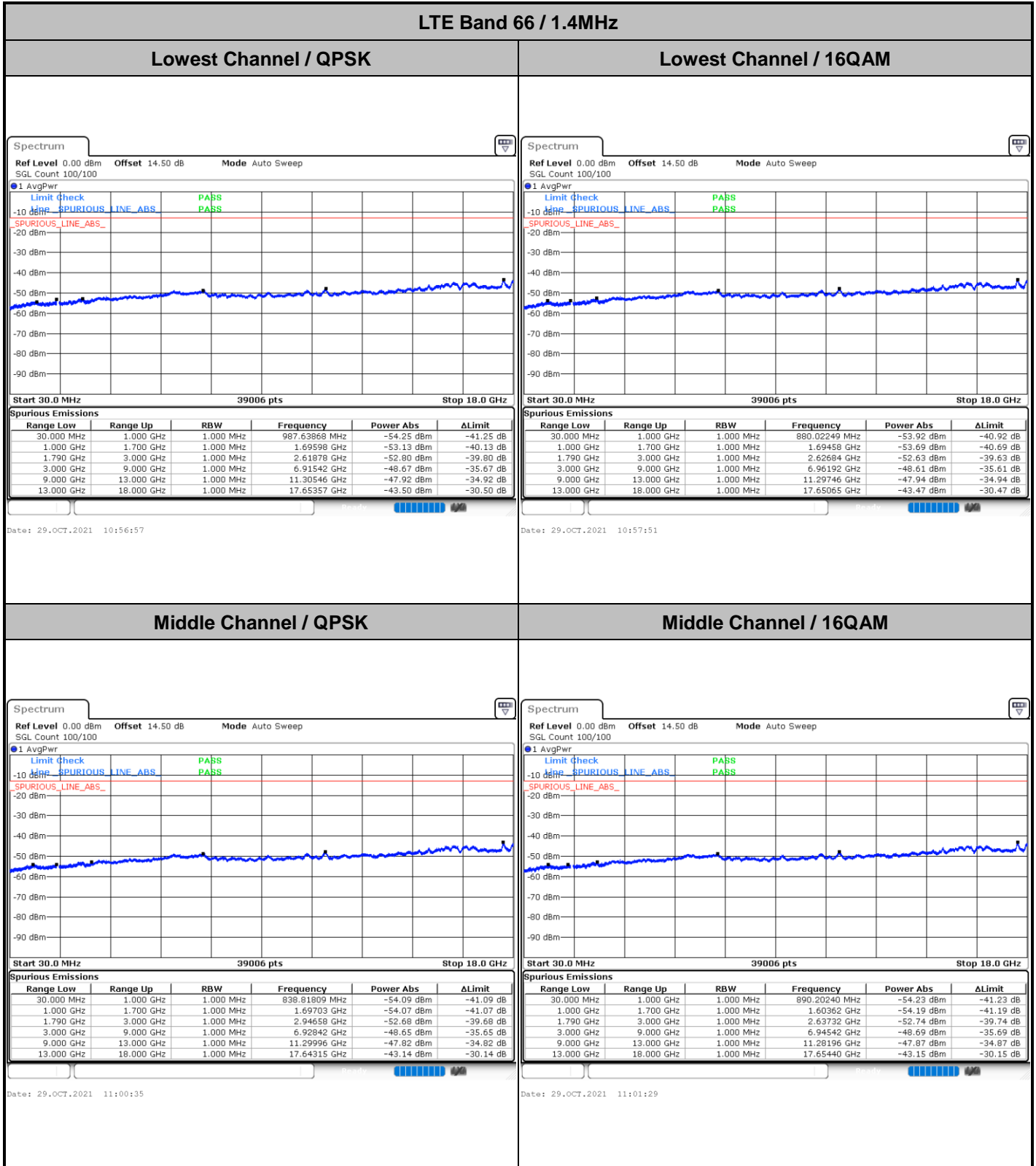
Highest Band Edge / Full RB



Date: 29.OCT.2021 13:44:47



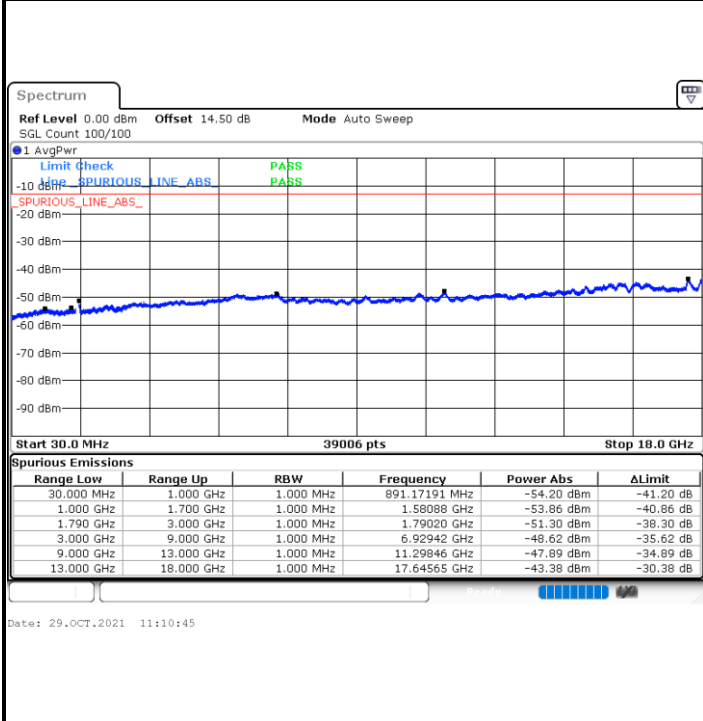
# Conducted Spurious Emission



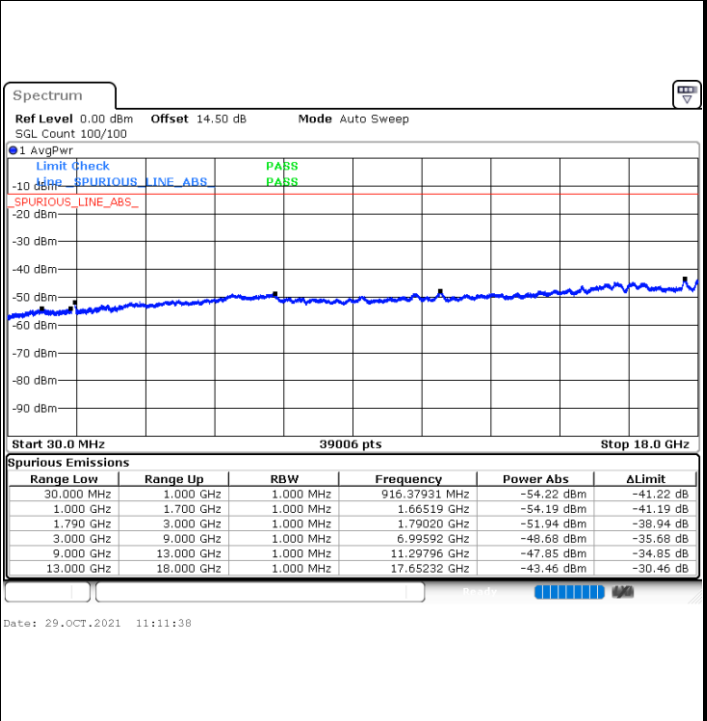


LTE Band 66 / 1.4MHz

Highest Channel / QPSK

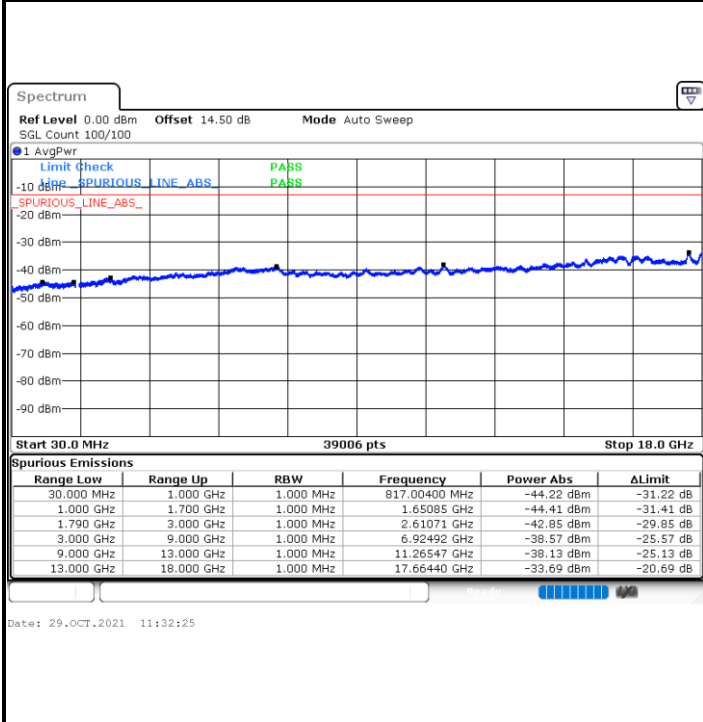


Highest Channel / 16QAM

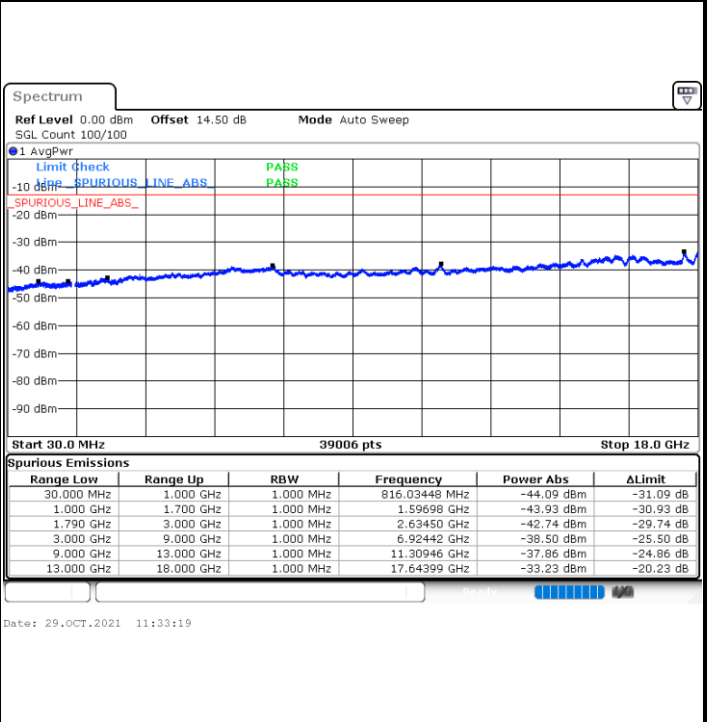


LTE Band 66 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

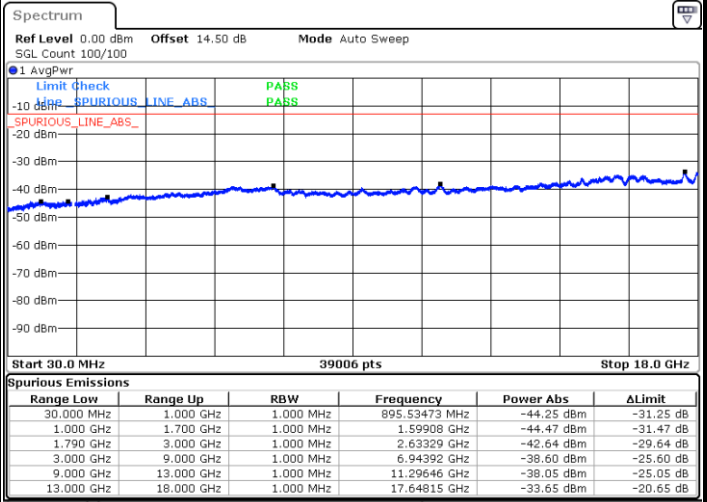
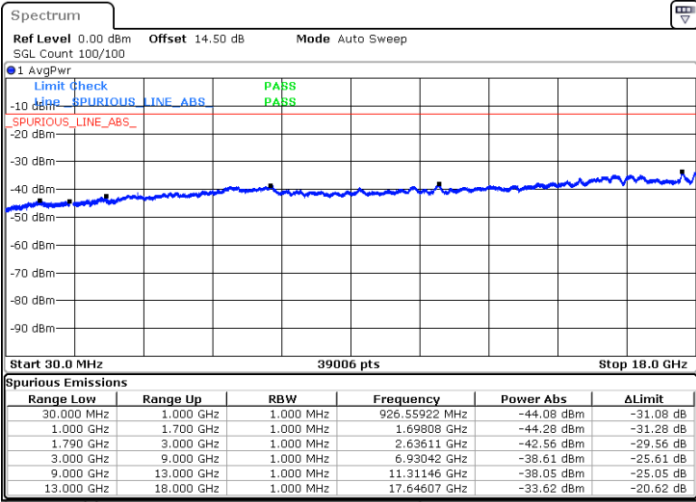




LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

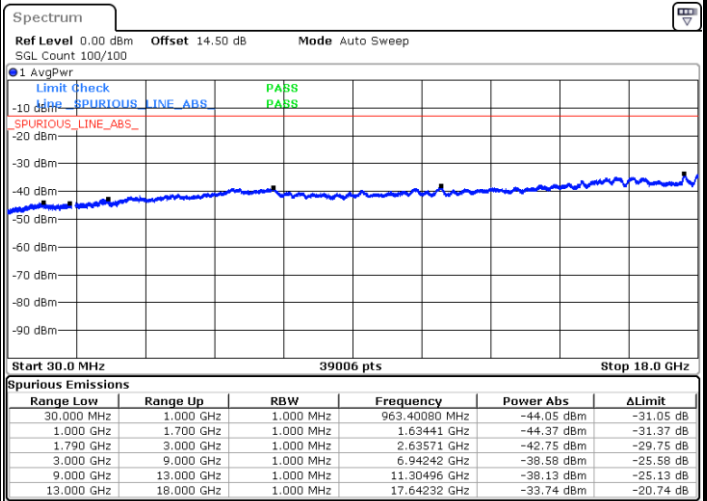
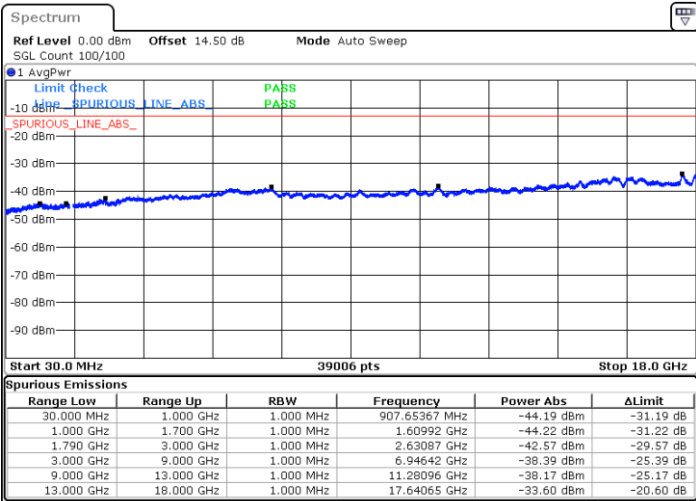


Date: 29.OCT.2021 11:36:02

Date: 29.OCT.2021 11:36:56

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.OCT.2021 11:46:12

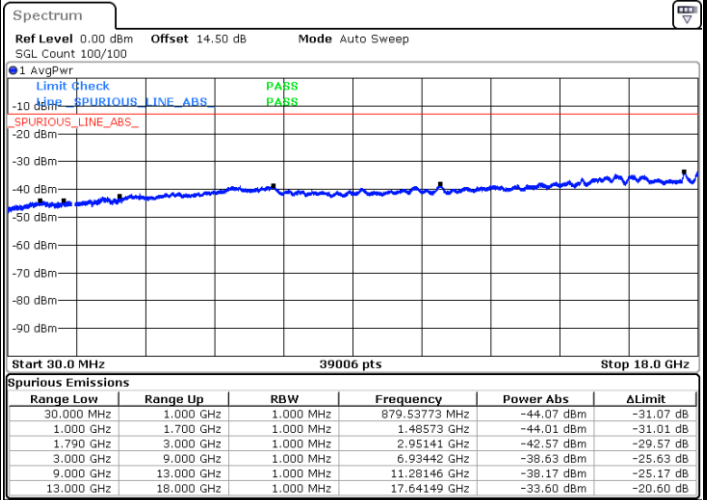
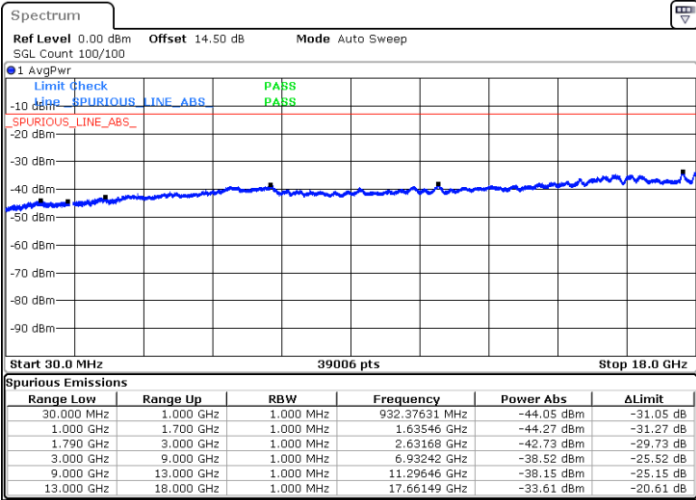
Date: 29.OCT.2021 11:47:06



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

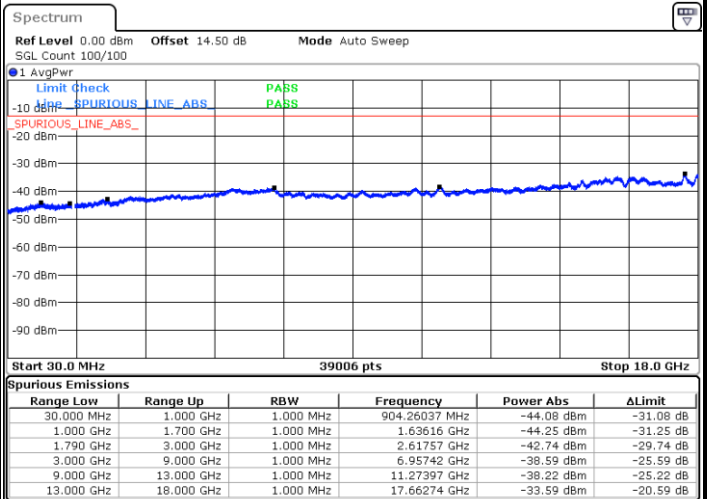
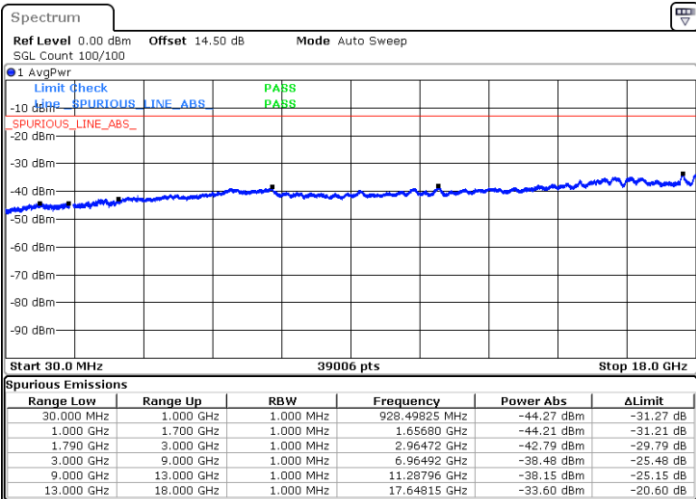


Date: 29.OCT.2021 12:14:27

Date: 29.OCT.2021 12:15:20

Middle Channel / QPSK

Middle Channel / 16QAM



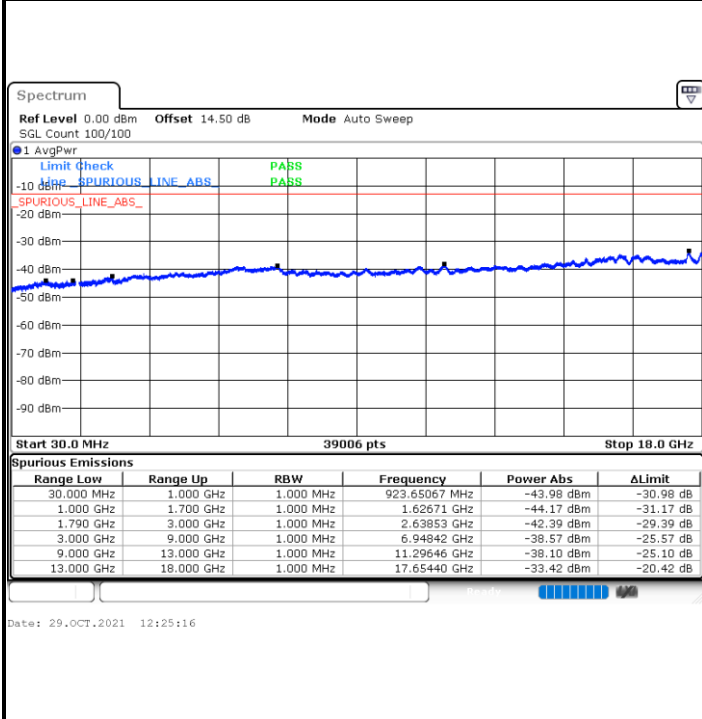
Date: 29.OCT.2021 12:18:05

Date: 29.OCT.2021 12:18:59

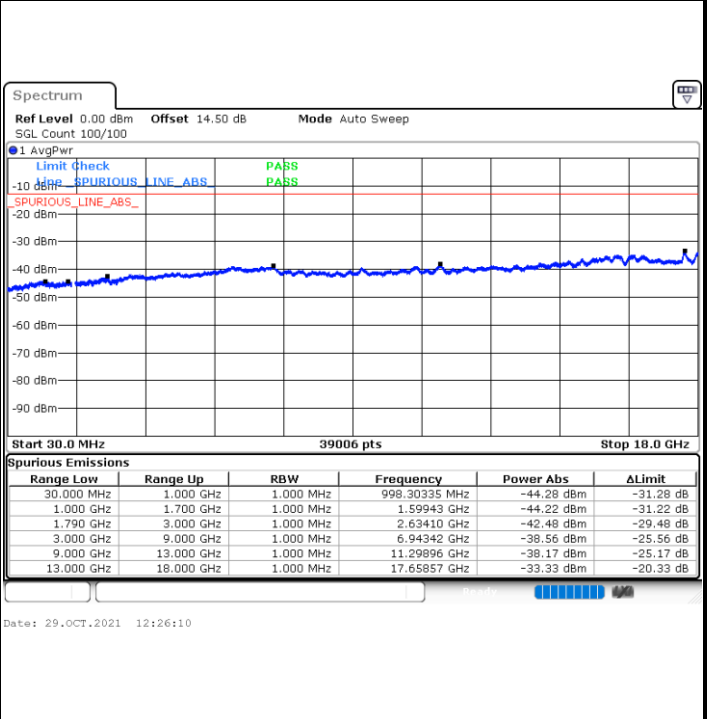


LTE Band 66 / 5MHz

Highest Channel / QPSK

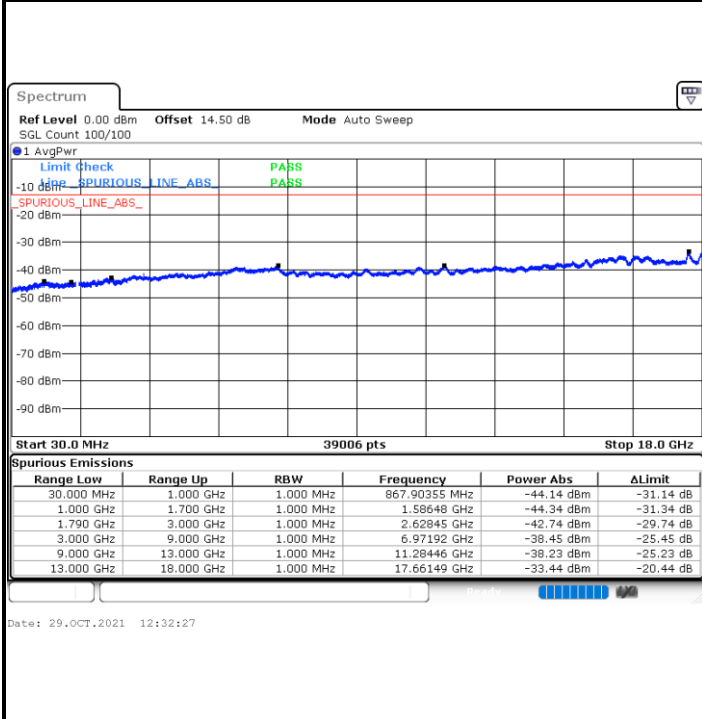


Highest Channel / 16QAM

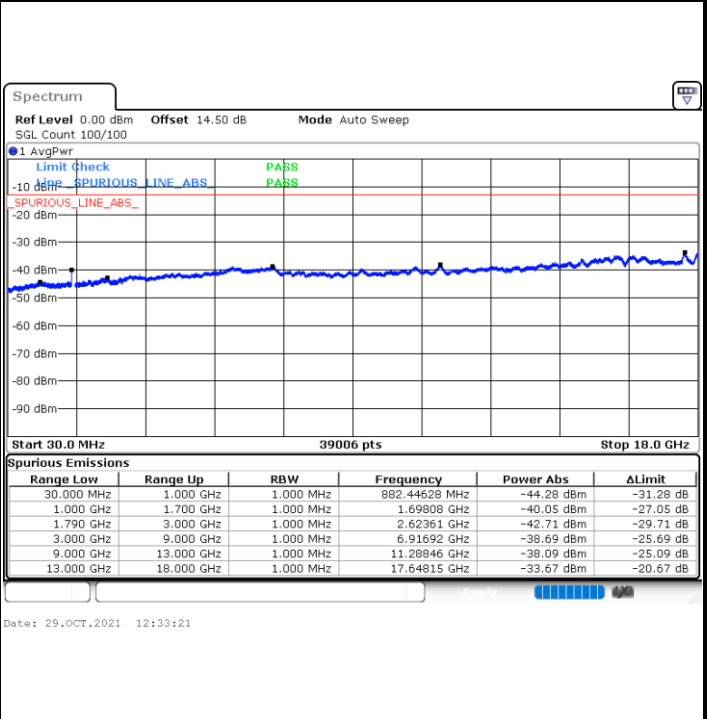


LTE Band 66 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

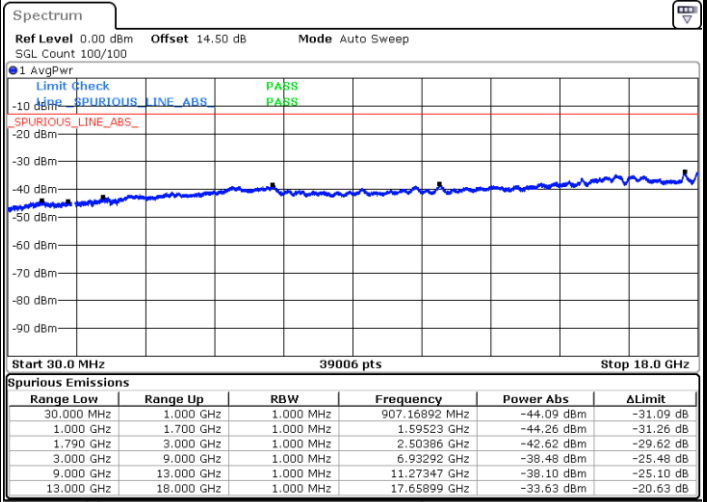
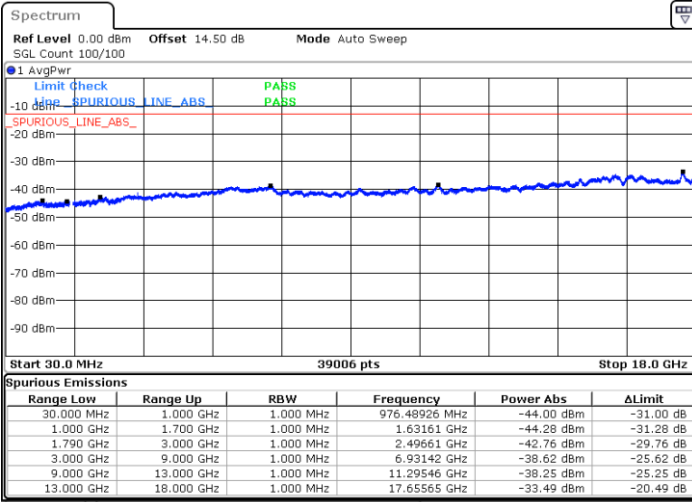




LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

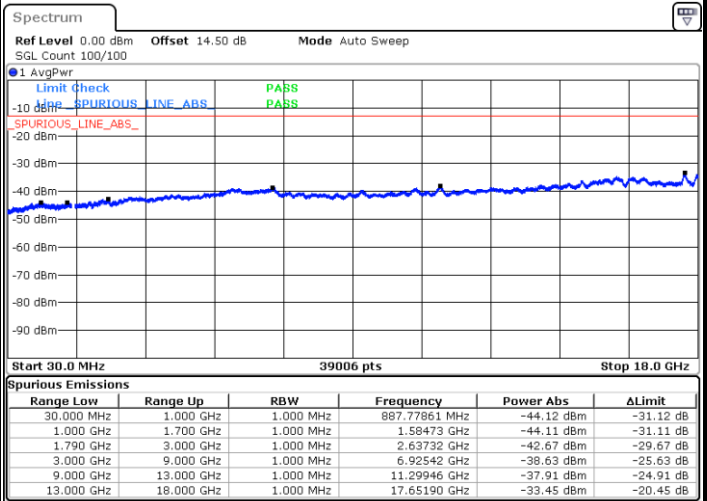
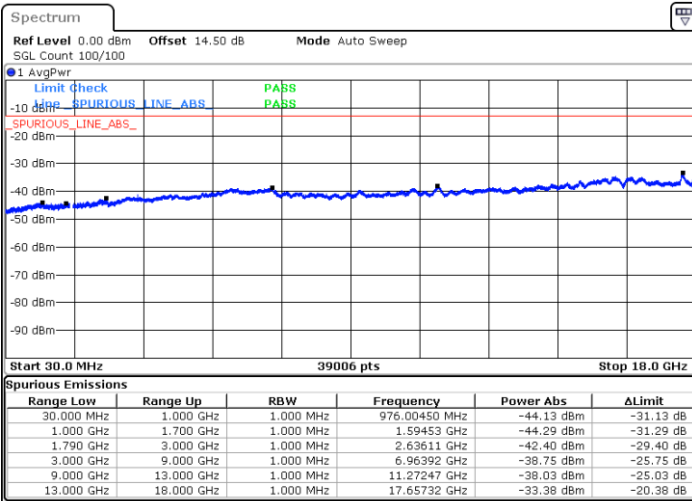


Date: 29.OCT.2021 12:36:04

Date: 29.OCT.2021 12:36:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.OCT.2021 12:43:14

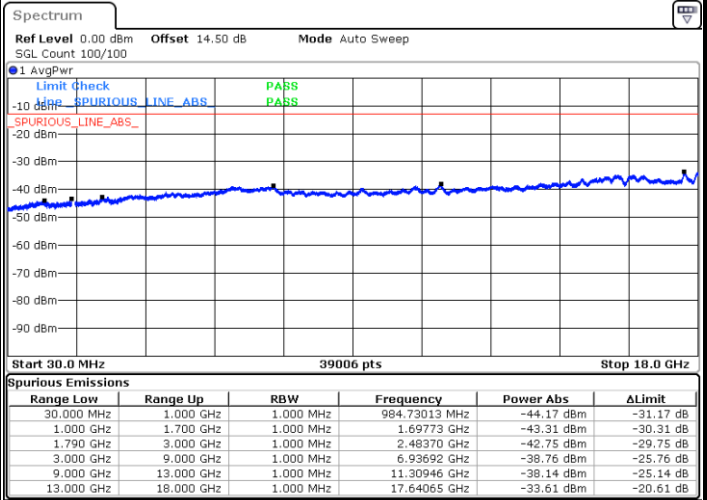
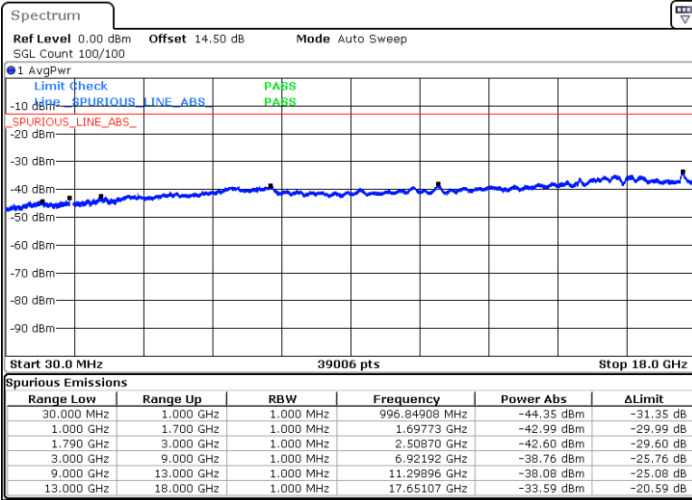
Date: 29.OCT.2021 12:44:08



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

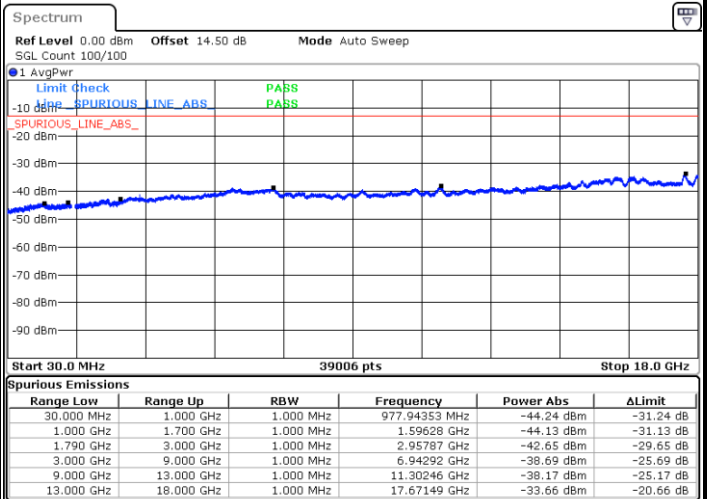
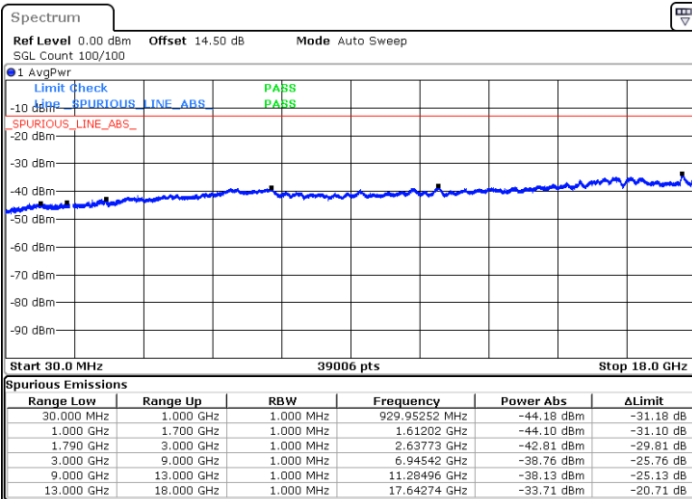


Date: 29.OCT.2021 13:07:25

Date: 29.OCT.2021 13:08:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29.OCT.2021 13:11:02

Date: 29.OCT.2021 13:11:56

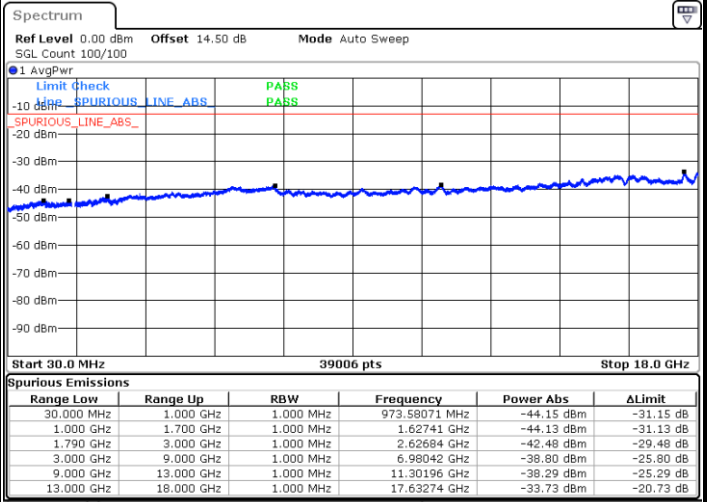
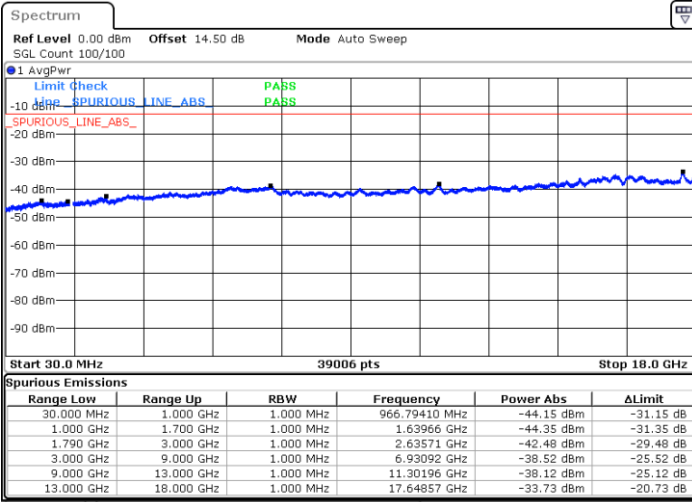




LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



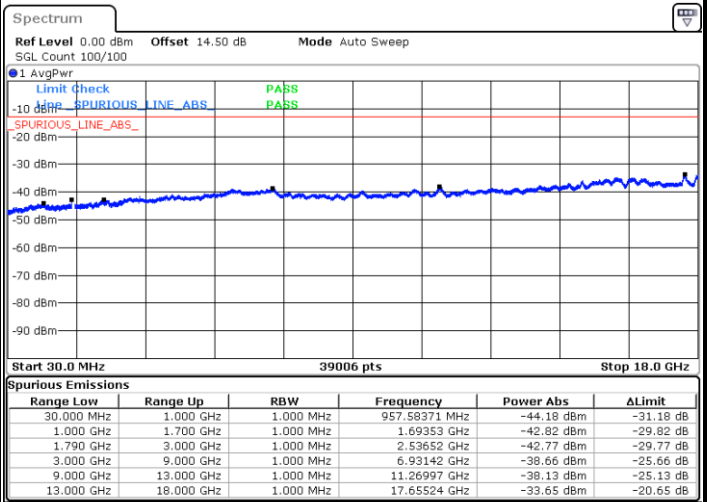
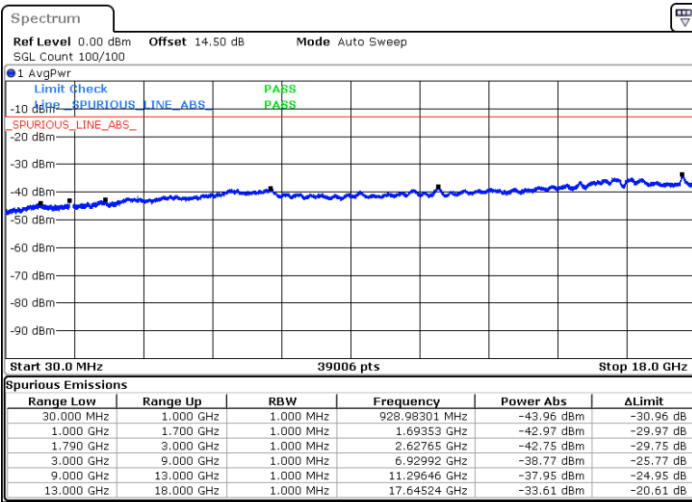
Date: 29.OCT.2021 13:18:12

Date: 29.OCT.2021 13:19:06

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 29.OCT.2021 13:25:31

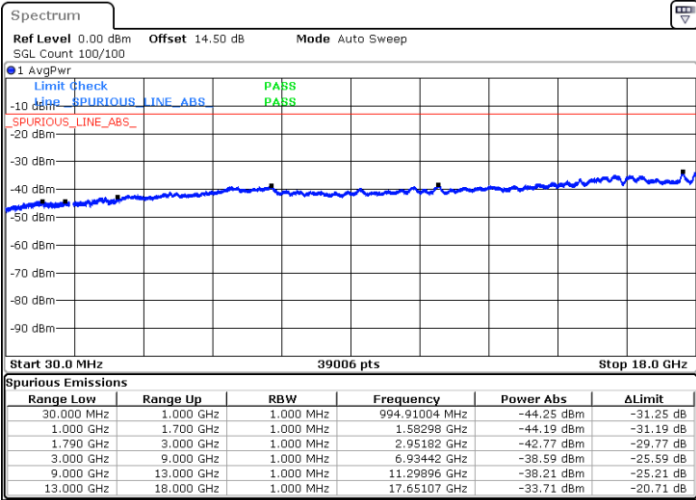
Date: 29.OCT.2021 13:26:25



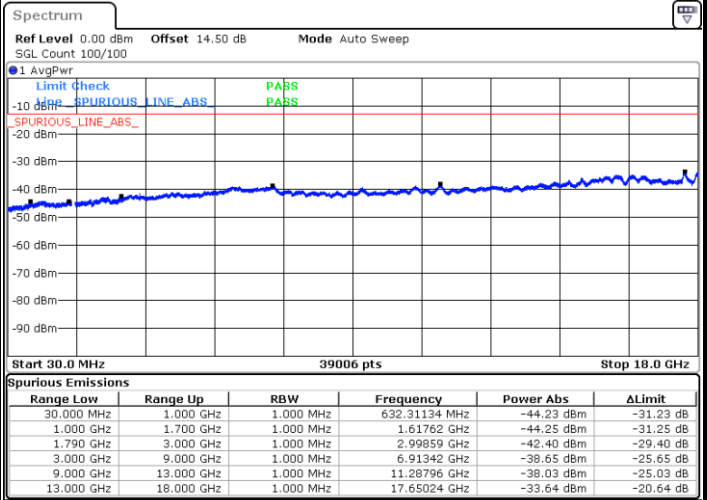
LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



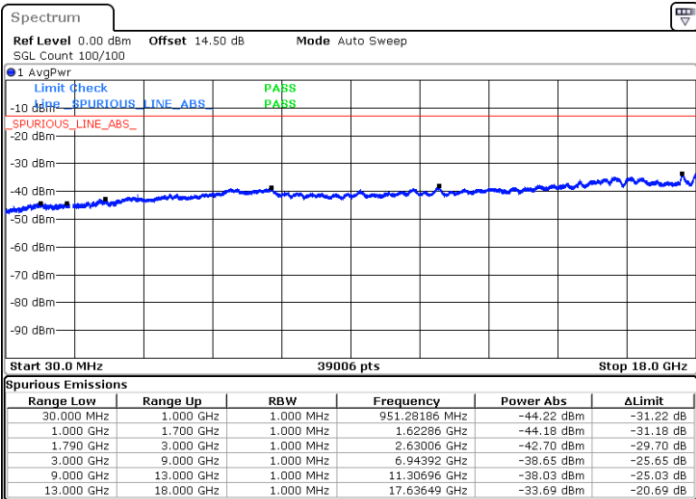
Date: 29.OCT.2021 13:29:08



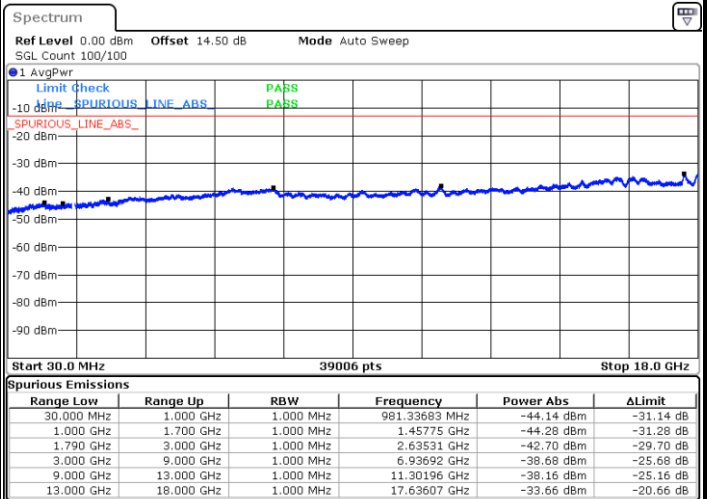
Date: 29.OCT.2021 13:30:02

Highest Channel / QPSK

Highest Channel / 16QAM



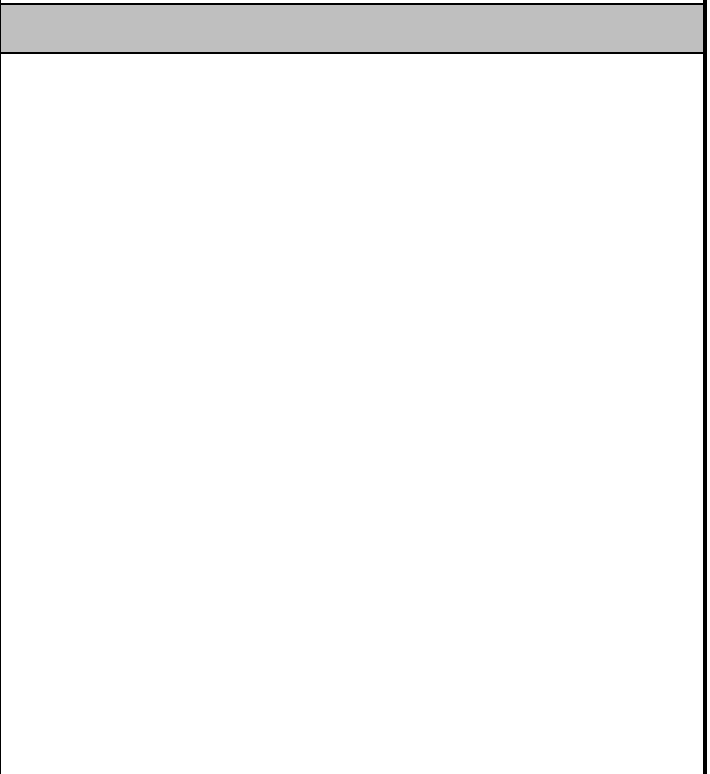
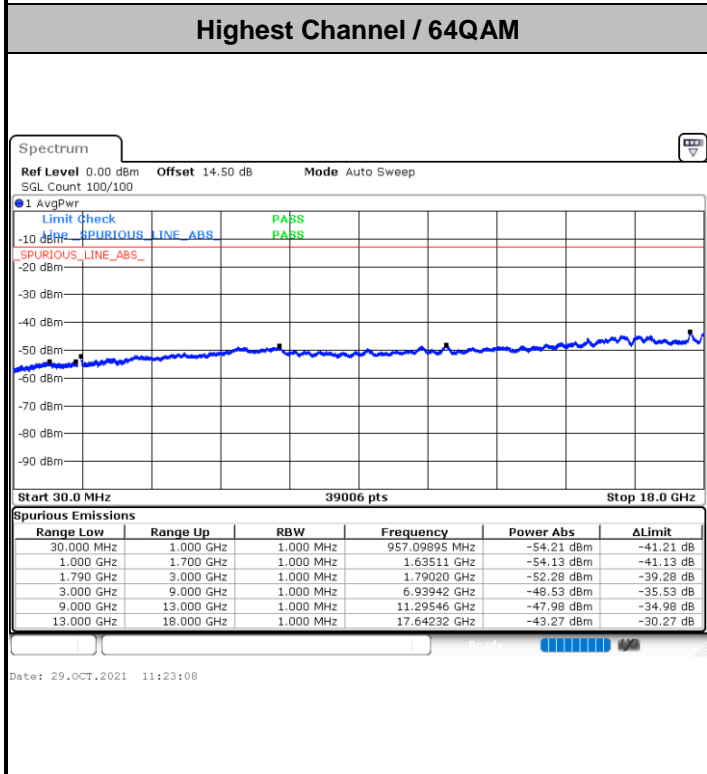
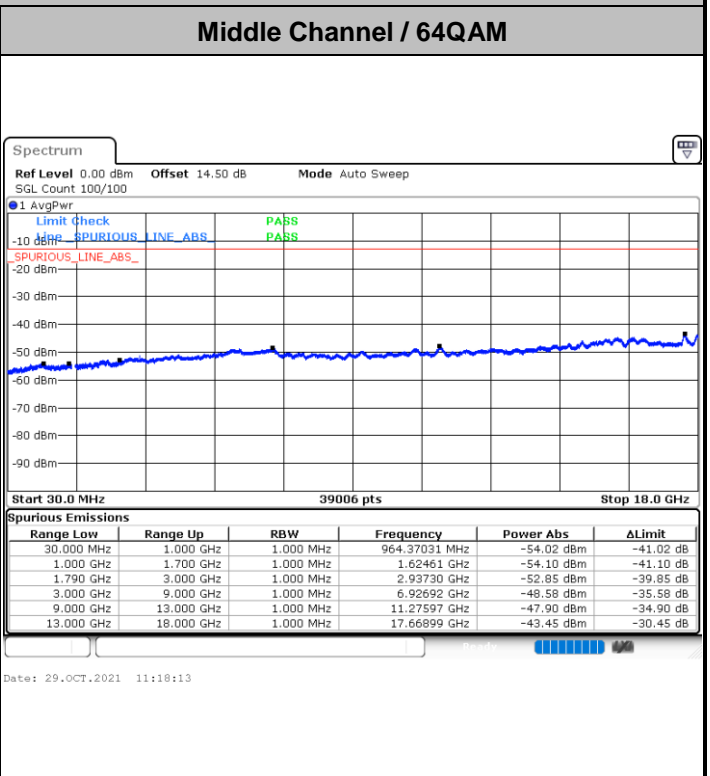
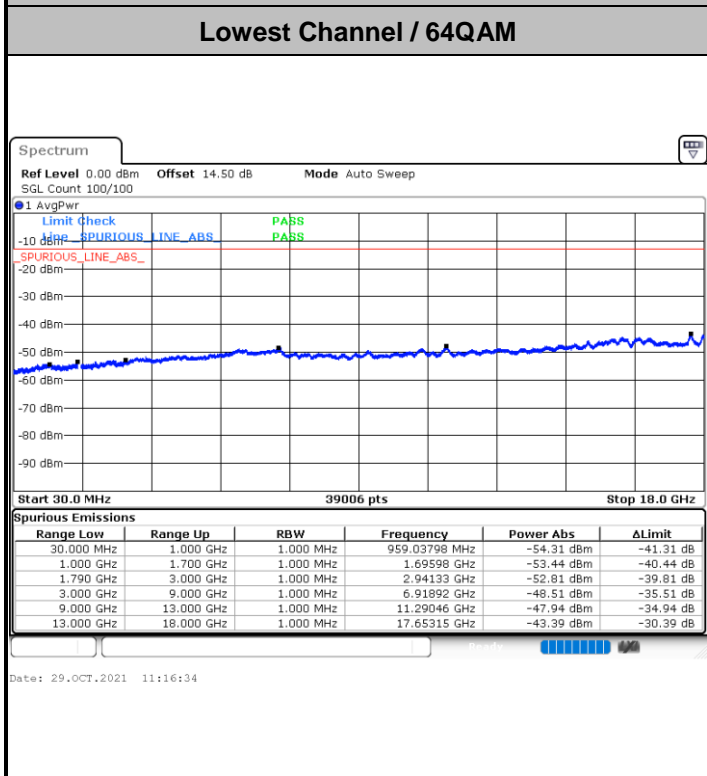
Date: 29.OCT.2021 13:36:18



Date: 29.OCT.2021 13:37:12



**LTE Band 66 / 1.4MHz**

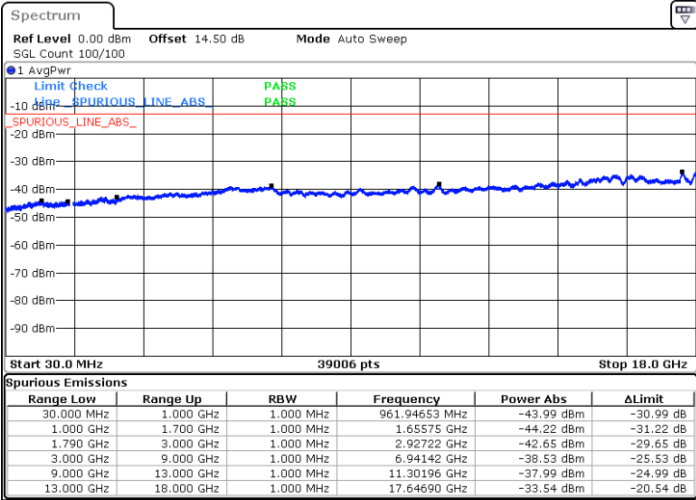




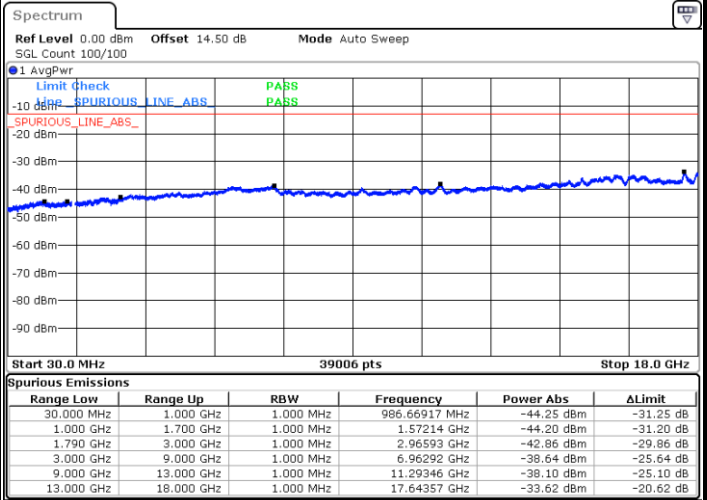
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

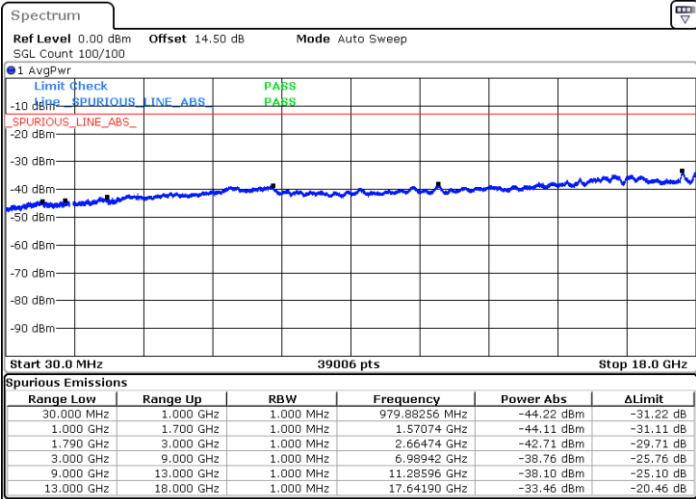


Date: 29.OCT.2021 11:52:01



Date: 29.OCT.2021 11:53:40

Highest Channel / 64QAM



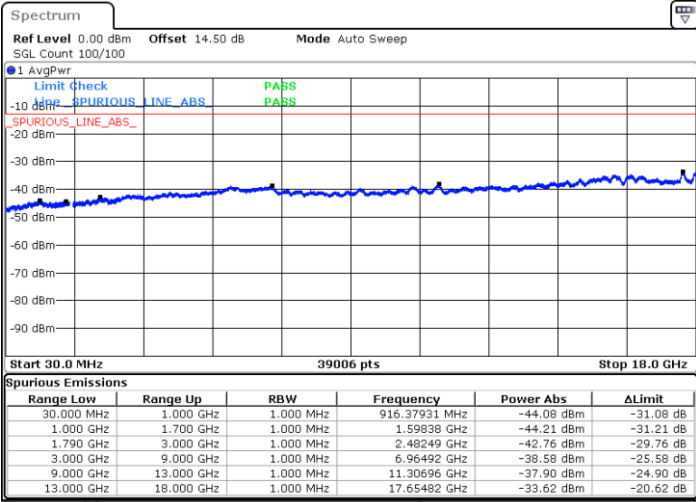
Date: 29.OCT.2021 11:58:36



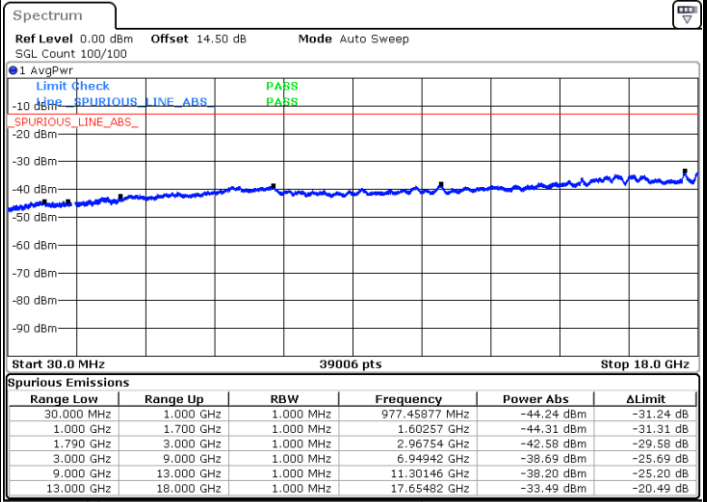
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

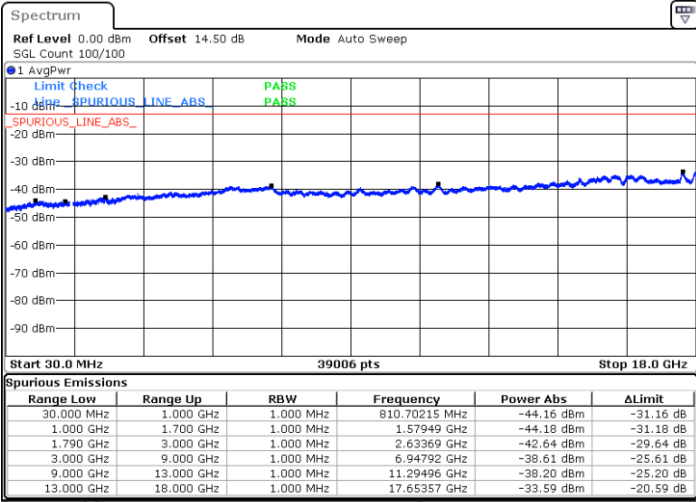


Date: 29.OCT.2021 12:03:06



Date: 29.OCT.2021 12:04:46

Highest Channel / 64QAM



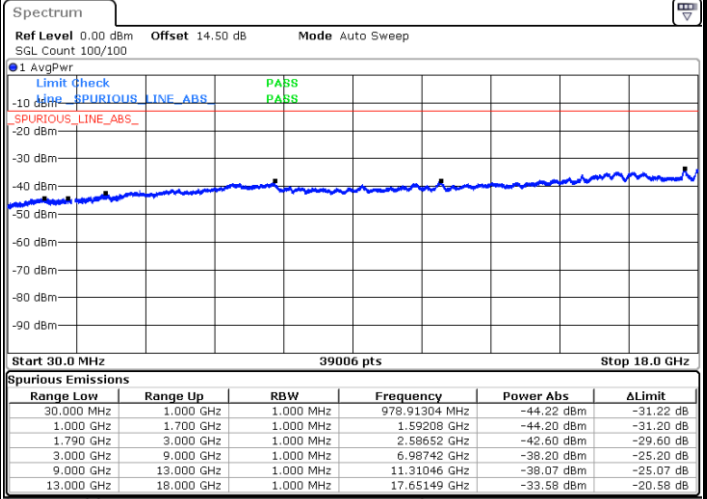
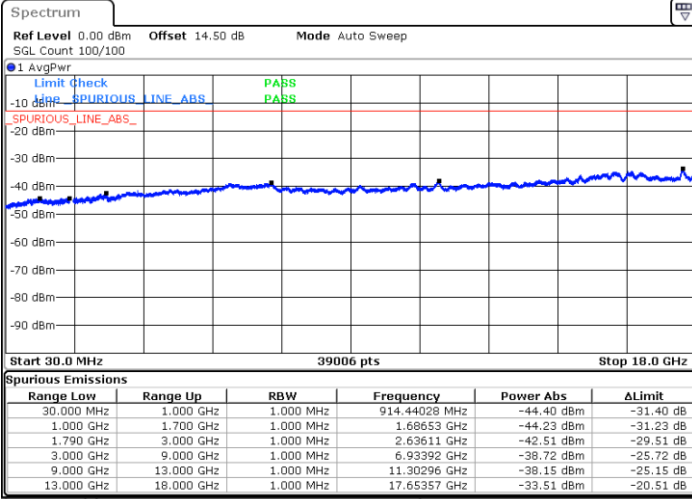
Date: 29.OCT.2021 12:08:11



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

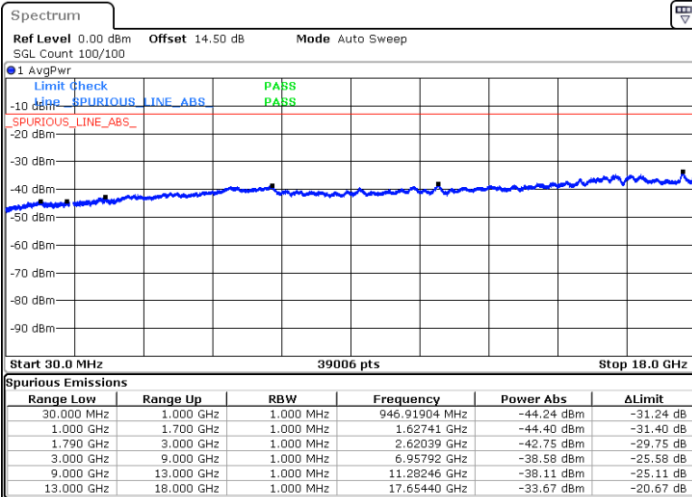
Middle Channel / 64QAM



Date: 29.OCT.2021 12:47:33

Date: 29.OCT.2021 12:49:13

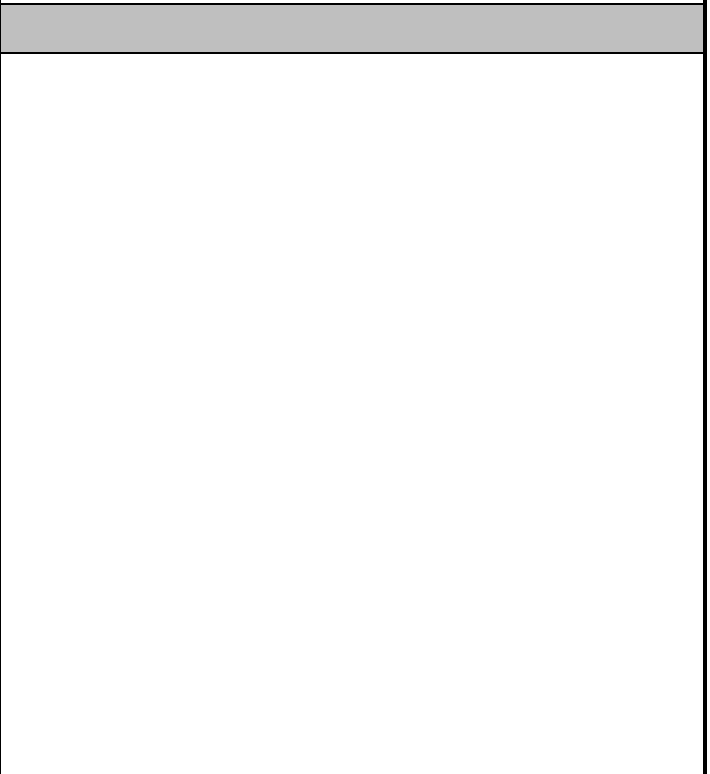
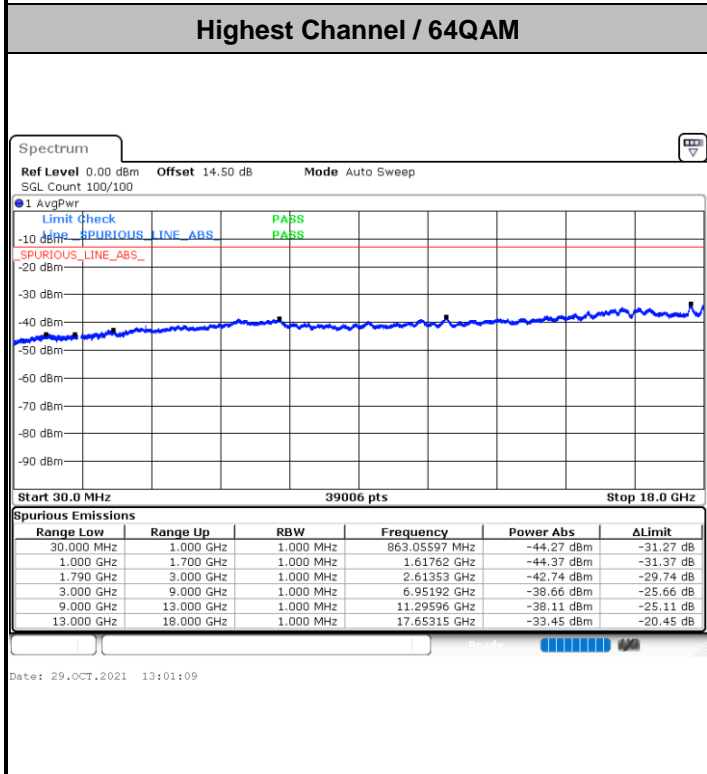
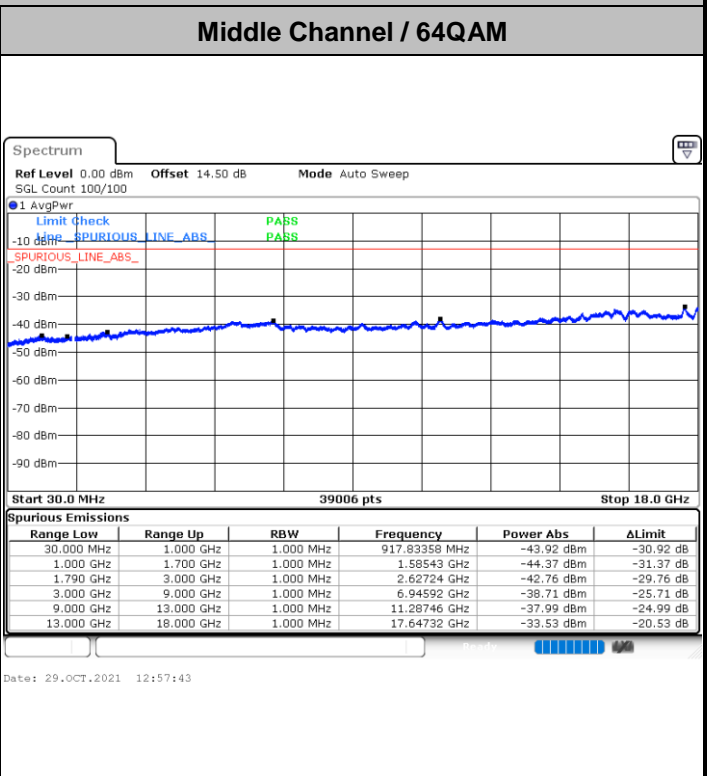
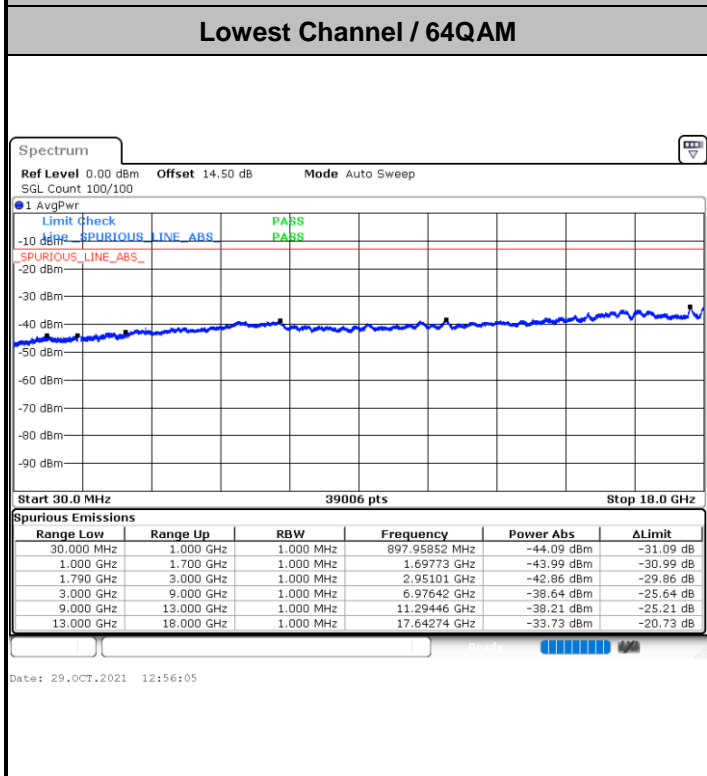
Highest Channel / 64QAM



Date: 29.OCT.2021 12:52:38



**LTE Band 66 / 15MHz**

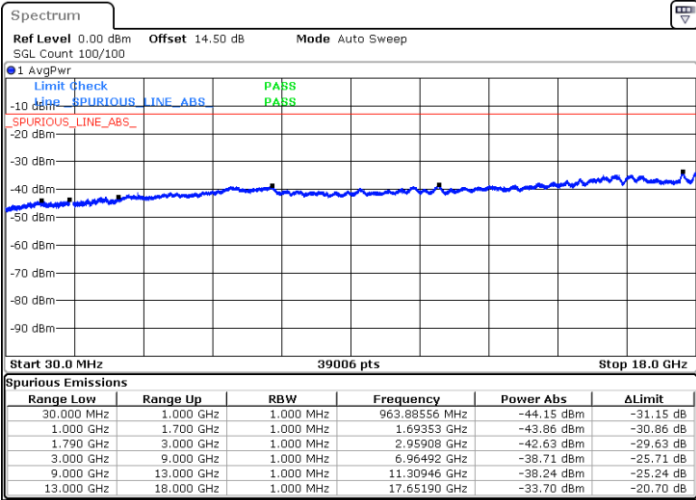




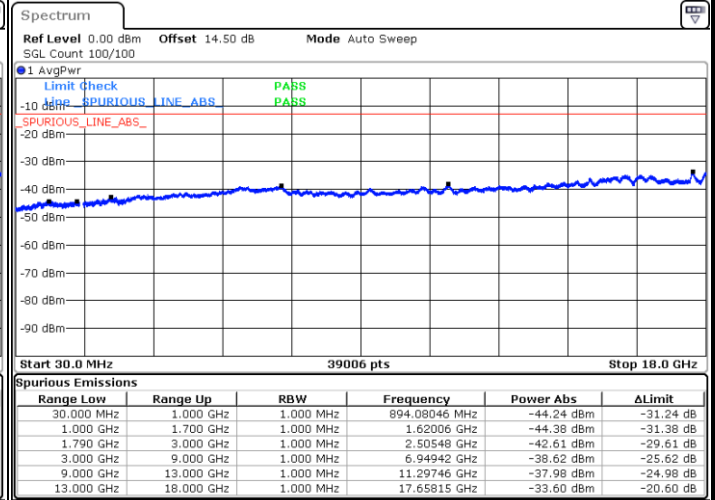
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

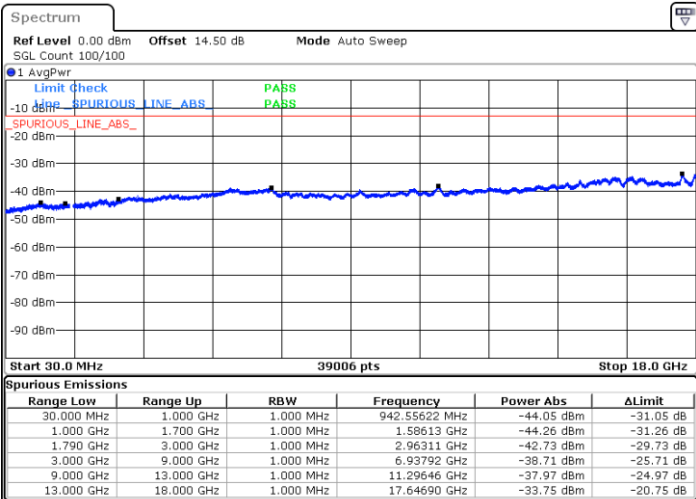


Date: 29.OCT.2021 13:40:37



Date: 29.OCT.2021 13:42:15

Highest Channel / 64QAM



Date: 29.OCT.2021 13:45:40





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 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 :	Wenbin Tang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Ant.0:

LTE Band 5 / 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	1664.18	-66.51	-13	-53.51	-72.62	-69.76	4.00	9.40	H
	2496.27	-64.16	-13	-51.16	-74.35	-67.73	4.88	10.60	H
	3328.36	-63.36	-13	-50.36	-75.33	-68.29	5.52	12.60	H
	1664.18	-66.92	-13	-53.92	-72.80	-70.17	4.00	9.40	V
	2496.27	-63.70	-13	-50.70	-74.23	-67.27	4.88	10.60	V
	3328.36	-62.96	-13	-49.96	-75.34	-67.89	5.52	12.60	V

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

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	1406	-63.55	-13	-50.55	-71.51	-66.80	4.00	9.40	H
	2109	-65.01	-13	-52.01	-74.67	-68.58	4.88	10.60	H
	2812	-63.03	-13	-50.03	-74.89	-67.96	5.52	12.60	H
	1406	-64.32	-13	-51.32	-72.36	-67.57	4.00	9.40	V
	2109	-64.63	-13	-51.63	-74.66	-68.20	4.88	10.60	V
	2812	-62.86	-13	-49.86	-74.96	-67.79	5.52	12.60	V

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

LTE Band 13 / 5MHz / 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	1559.5	-67.13	-42.15	-24.98	-73.76	-70.38	4.00	9.40	H
	2339.25	-64.16	-13	-51.16	-74.85	-67.73	4.88	10.60	H
	3119	-63.22	-13	-50.22	-75.91	-68.15	5.52	12.60	H
	1559.5	-62.79	-42.15	-20.64	-69.63	-66.04	4.00	9.40	V
	2339.25	-63.93	-13	-50.93	-75.01	-67.50	4.88	10.60	V
	3119	-62.56	-13	-49.56	-75.76	-67.49	5.52	12.60	V

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



LTE Band 13 / 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	1559.5	-66.98	-42.15	-24.83	-73.61	-70.23	4.00	9.40	H
	2339.25	-64.27	-13	-51.27	-74.96	-67.84	4.88	10.60	H
	3119	-62.85	-13	-49.85	-75.54	-67.78	5.52	12.60	H
	1559.5	-66.72	-42.15	-24.57	-73.56	-69.97	4.00	9.40	V
	2339.25	-64.10	-13	-51.10	-75.18	-67.67	4.88	10.60	V
	3119	-62.48	-13	-49.48	-75.68	-67.41	5.52	12.60	V

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

LTE Band 26 / 15MHz / 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	1659.5	-67.36	-13	-54.36	-73.48	-70.61	4.00	9.40	H
	2489.25	-64.48	-13	-51.48	-74.69	-68.05	4.88	10.60	H
	3319	-63.66	-13	-50.66	-75.70	-68.59	5.52	12.60	H
	1659.5	-67.36	-13	-54.36	-73.29	-70.61	4.00	9.40	V
	2489.25	-64.21	-13	-51.21	-74.77	-67.78	4.88	10.60	V
	3319	-63.12	-13	-50.12	-75.58	-68.05	5.52	12.60	V

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



Ant.1:

LTE Band 5 / 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	1664.18	-67.29	-13	-54.29	-73.40	-70.54	4.00	9.40	H
	2496.27	-64.12	-13	-51.12	-74.31	-67.69	4.88	10.60	H
	3328.36	-63.19	-13	-50.19	-75.16	-68.12	5.52	12.60	H
	1664.18	-67.40	-13	-54.40	-73.28	-70.65	4.00	9.40	V
	2496.27	-64.17	-13	-51.17	-74.70	-67.74	4.88	10.60	V
	3328.36	-63.12	-13	-50.12	-75.50	-68.05	5.52	12.60	V

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

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	1406	-64.38	-13	-51.38	-72.34	-67.63	4.00	9.40	H
	2109	-64.83	-13	-51.83	-74.49	-68.40	4.88	10.60	H
	2812	-62.74	-13	-49.74	-74.60	-67.67	5.52	12.60	H
	1406	-64.05	-13	-51.05	-72.09	-67.30	4.00	9.40	V
	2109	-64.46	-13	-51.46	-74.49	-68.03	4.88	10.60	V
	2812	-62.66	-13	-49.66	-74.76	-67.59	5.52	12.60	V

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

LTE Band 13 / 5MHz / 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	1559.5	-66.92	-42.15	-24.77	-73.55	-70.17	4.00	9.40	H
	2339.25	-64.13	-13	-51.13	-74.82	-67.70	4.88	10.60	H
	3119	-63.28	-13	-50.28	-75.97	-68.21	5.52	12.60	H
	1559.5	-67.04	-42.15	-24.89	-73.88	-70.29	4.00	9.40	V
	2339.25	-63.85	-13	-50.85	-74.93	-67.42	4.88	10.60	V
	3119	-62.60	-13	-49.60	-75.80	-67.53	5.52	12.60	V

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



LTE Band 13 / 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	1559.5	-67.17	-42.15	-25.02	-73.80	-70.42	4.00	9.40	H
	2339.25	-64.14	-13	-51.14	-74.83	-67.71	4.88	10.60	H
	3119	-63.19	-13	-50.19	-75.88	-68.12	5.52	12.60	H
	1559.5	-66.87	-42.15	-24.72	-73.71	-70.12	4.00	9.40	V
	2339.25	-64.05	-13	-51.05	-75.13	-67.62	4.88	10.60	V
	3119	-62.32	-13	-49.32	-75.52	-67.25	5.52	12.60	V

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

LTE Band 26 / 15MHz / 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	1659.5	-67.29	-13	-54.29	-73.41	-70.54	4.00	9.40	H
	2489.25	-64.31	-13	-51.31	-74.52	-67.88	4.88	10.60	H
	3319	-63.55	-13	-50.55	-75.59	-68.48	5.52	12.60	H
	1659.5	-67.41	-13	-54.41	-73.34	-70.66	4.00	9.40	V
	2489.25	-63.95	-13	-50.95	-74.51	-67.52	4.88	10.60	V
	3319	-63.16	-13	-50.16	-75.62	-68.09	5.52	12.60	V

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



Ant.3:

LTE Band 25 / 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	3747	-61.74	-13	-48.74	-76.17	-68.49	5.85	12.60	H
	5620.5	-62.36	-13	-49.36	-79.21	-68.16	7.30	13.10	H
	7494	-55.17	-13	-42.17	-77.52	-58.32	8.35	11.50	H
	3747	-61.35	-13	-48.35	-75.99	-68.10	5.85	12.60	V
	5620.5	-62.71	-13	-49.71	-79.47	-68.51	7.30	13.10	V
	7494	-55.51	-13	-42.51	-77.78	-58.66	8.35	11.50	V

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

LTE Band 66 / 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	3472	-63.61	-13	-50.61	-76.22	-70.46	5.65	12.50	H
	5208	-60.78	-13	-47.78	-77.92	-66.45	7.13	12.80	H
	6944	-57.56	-13	-44.56	-78.16	-60.96	8.40	11.80	H
	3472	-63.05	-13	-50.05	-76.21	-69.90	5.65	12.50	V
	5208	-60.76	-13	-47.76	-77.85	-66.43	7.13	12.80	V
	6944	-57.83	-13	-44.83	-78.48	-61.23	8.40	11.80	V

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



Ant.4:

LTE Band 25 / 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	3747	-61.50	-13	-48.50	-75.93	-68.25	5.85	12.60	H
	5620.5	-62.92	-13	-49.92	-79.77	-68.72	7.30	13.10	H
	7494	-55.15	-13	-42.15	-77.50	-58.30	8.35	11.50	H
	3747	-61.52	-13	-48.52	-76.16	-68.27	5.85	12.60	V
	5620.5	-62.83	-13	-49.83	-79.59	-68.63	7.30	13.10	V
	7494	-55.42	-13	-42.42	-77.69	-58.57	8.35	11.50	V

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

LTE Band 66 / 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	3472	-63.51	-13	-50.51	-76.12	-70.36	5.65	12.50	H
	5208	-60.70	-13	-47.70	-77.84	-66.37	7.13	12.80	H
	6944	-57.78	-13	-44.78	-78.38	-61.18	8.40	11.80	H
	3472	-62.71	-13	-49.71	-75.87	-69.56	5.65	12.50	V
	5208	-60.99	-13	-47.99	-78.08	-66.66	7.13	12.80	V
	6944	-57.78	-13	-44.78	-78.43	-61.18	8.40	11.80	V

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