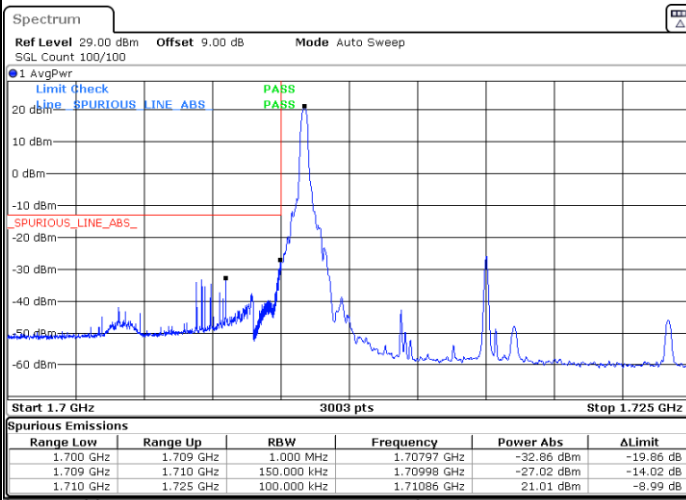




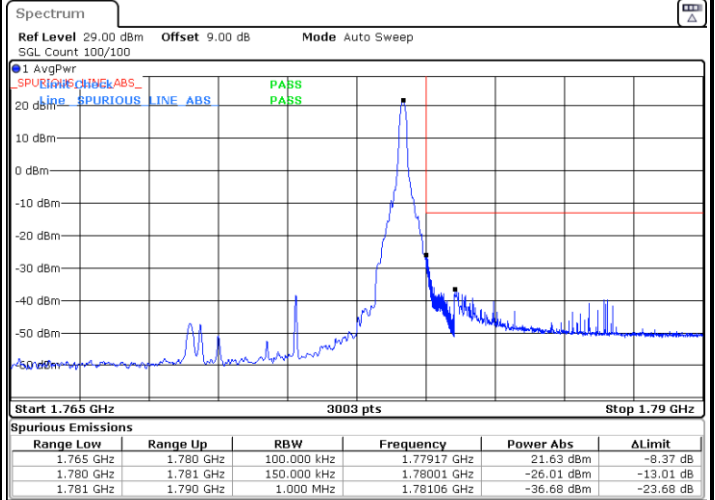
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



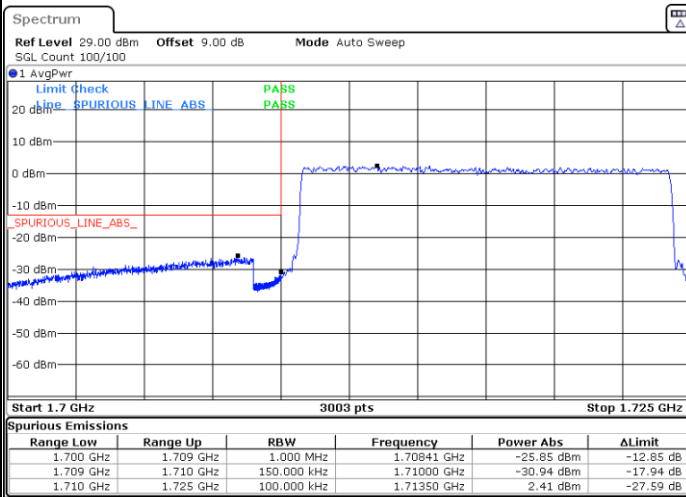
Date: 10.AUG.2022 17:13:09

Highest Band Edge / 1 RB



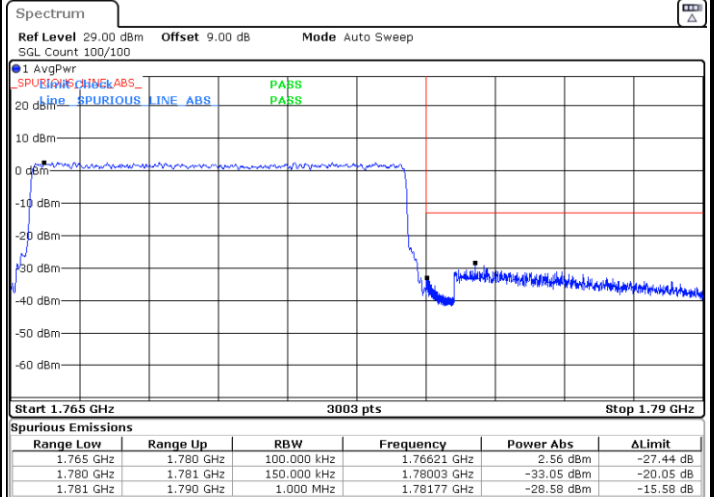
Date: 10.AUG.2022 18:50:02

Lowest Band Edge / Full RB



Date: 10.AUG.2022 18:45:09

Highest Band Edge / Full RB

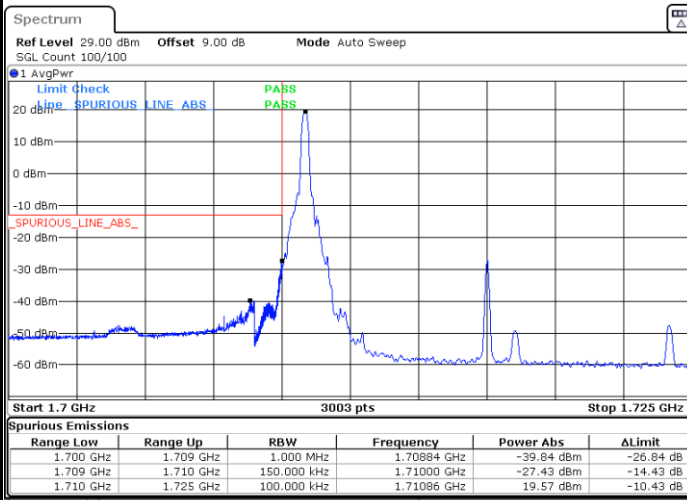


Date: 10.AUG.2022 18:46:39

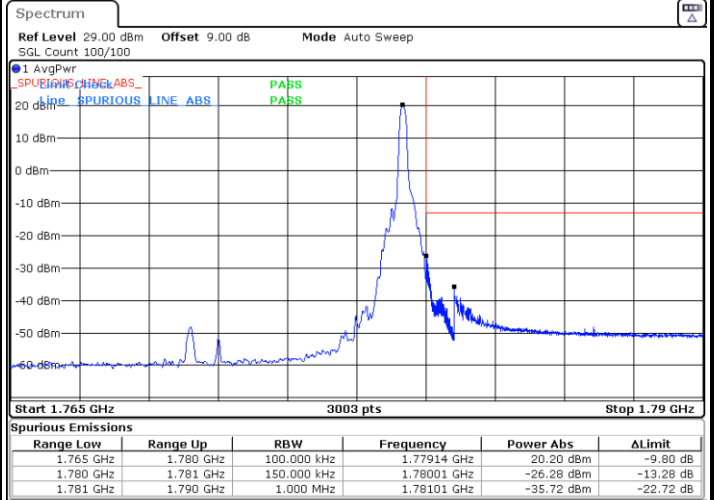


LTE Band 66 / 15MHz / 64QAM

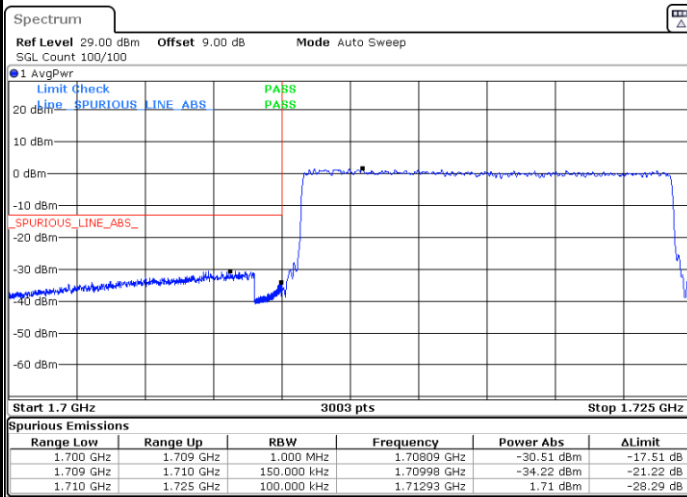
Lowest Band Edge / 1 RB



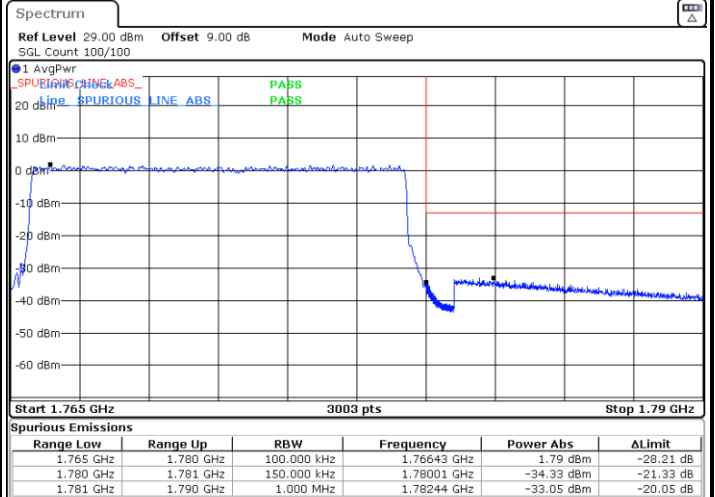
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



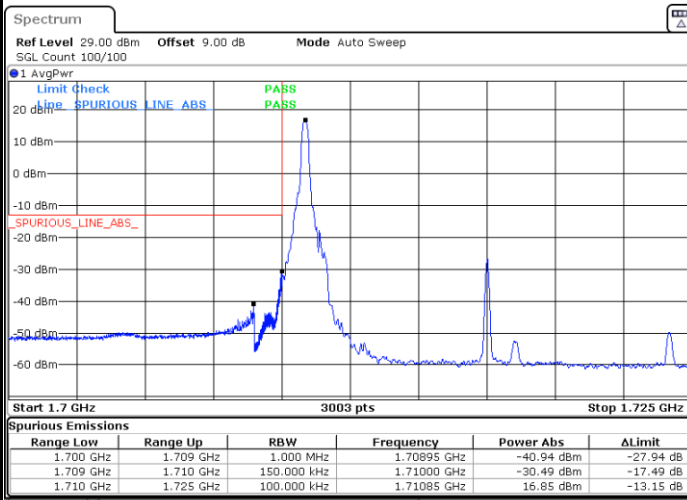
Highest Band Edge / Full RB





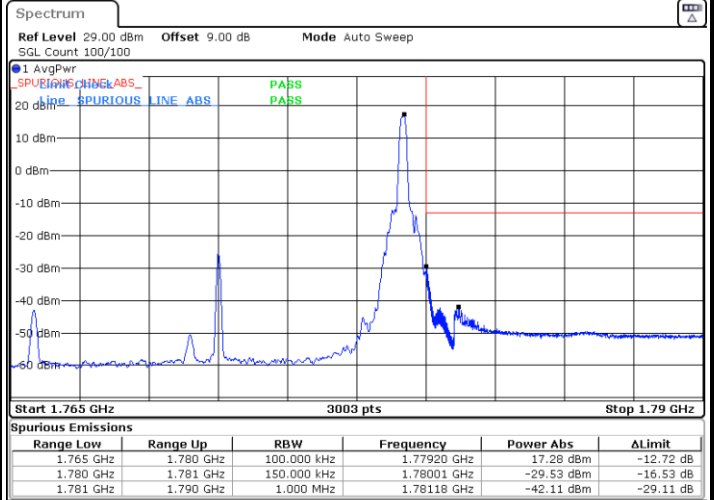
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



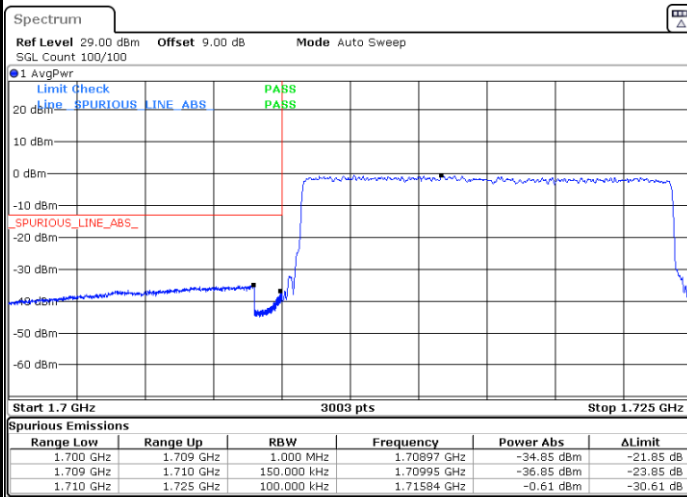
Date: 10.AUG.2022 17:14:05

Highest Band Edge / 1 RB



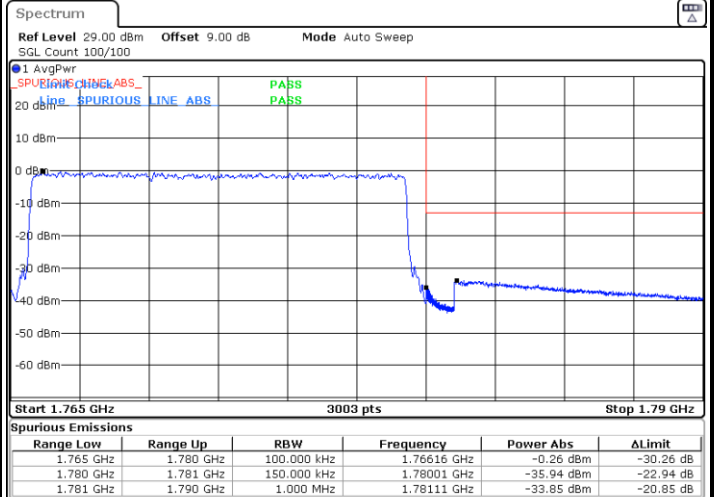
Date: 10.AUG.2022 18:50:46

Lowest Band Edge / Full RB



Date: 10.AUG.2022 18:21:10

Highest Band Edge / Full RB

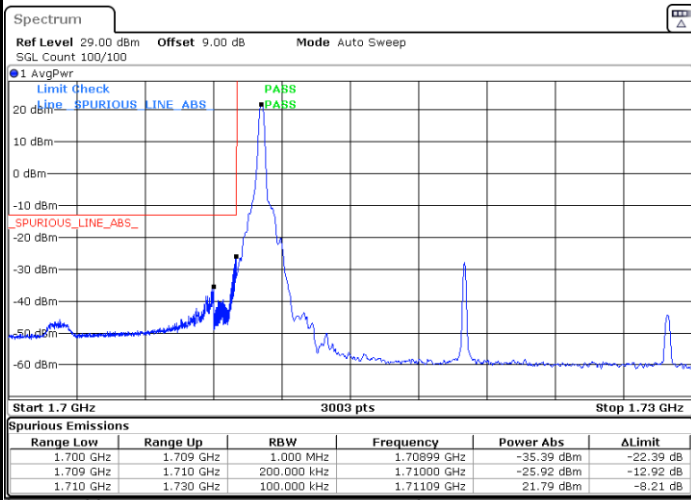


Date: 10.AUG.2022 18:47:28



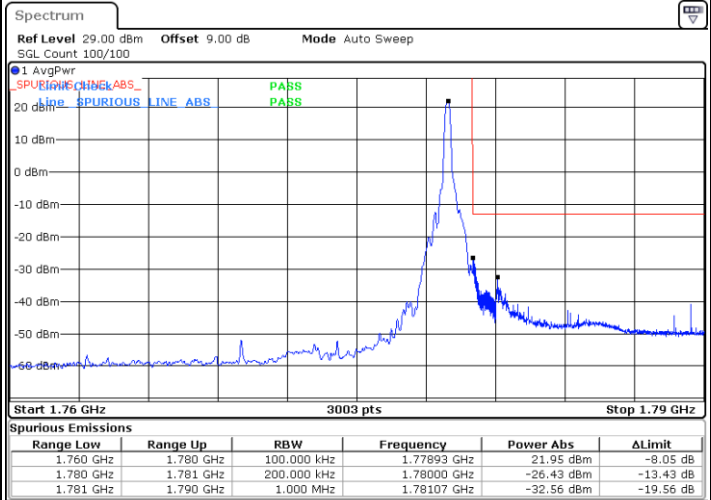
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



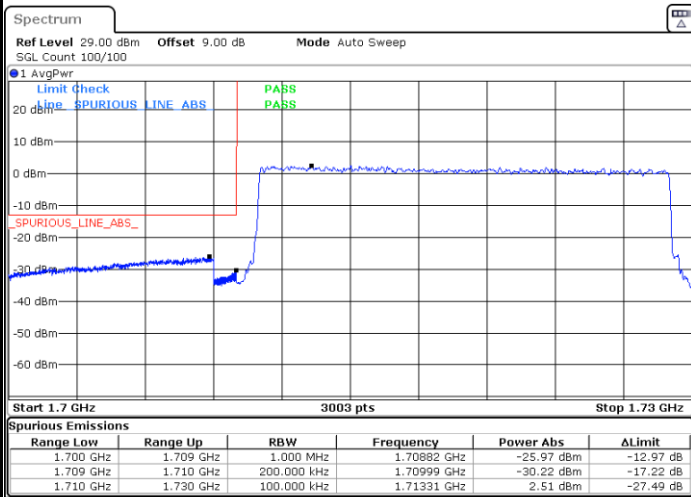
Date: 10.AUG.2022 18:54:10

Highest Band Edge / 1 RB



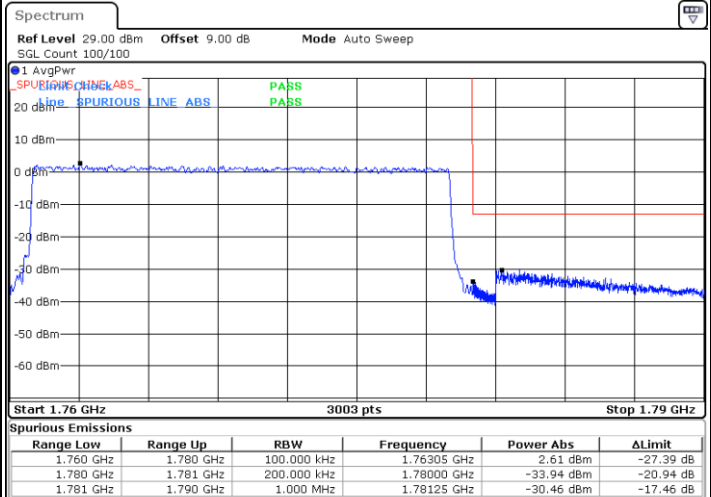
Date: 11.AUG.2022 10:18:40

Lowest Band Edge / Full RB



Date: 10.AUG.2022 18:57:48

Highest Band Edge / Full RB

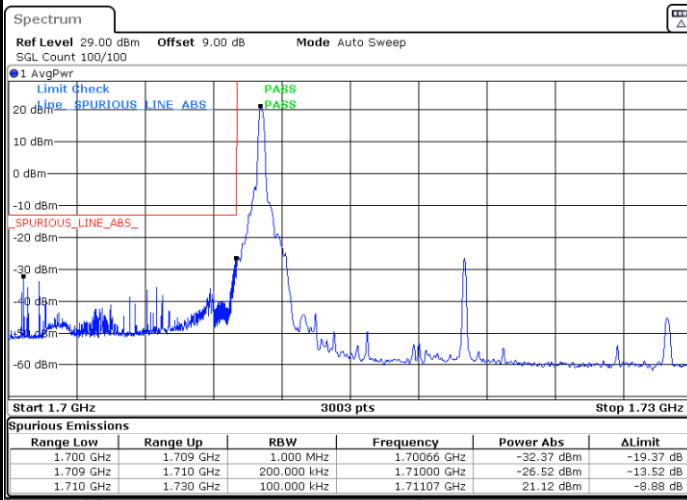


Date: 11.AUG.2022 10:24:06

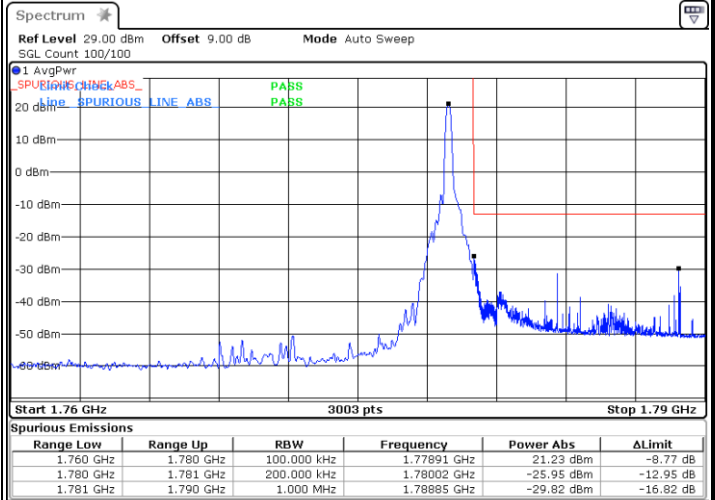


LTE Band 66 / 20MHz / 16QAM

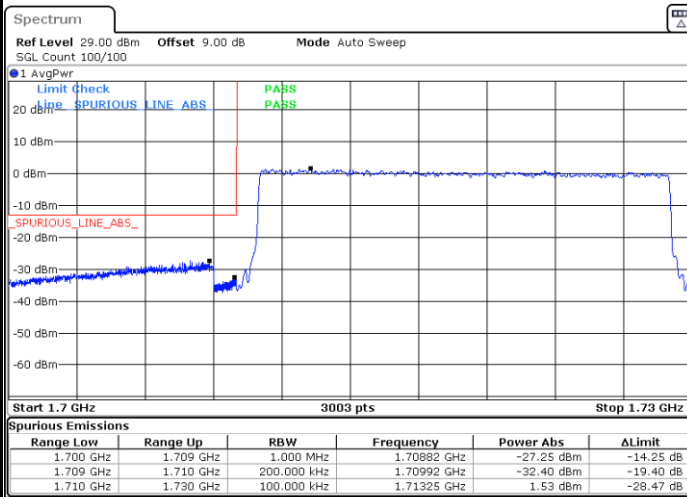
Lowest Band Edge / 1 RB



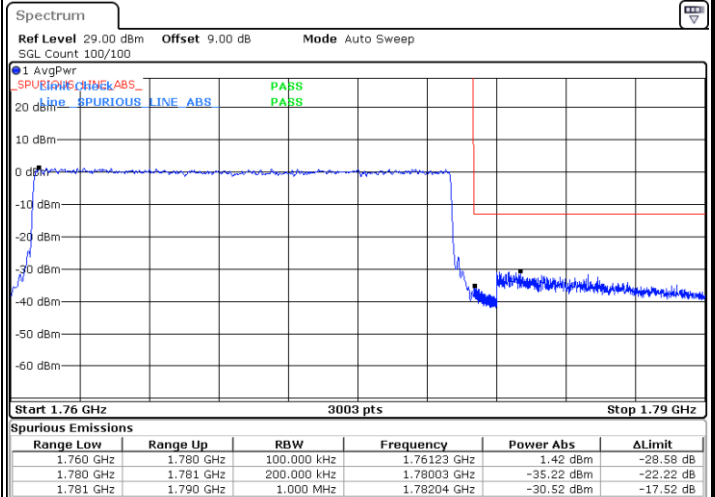
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



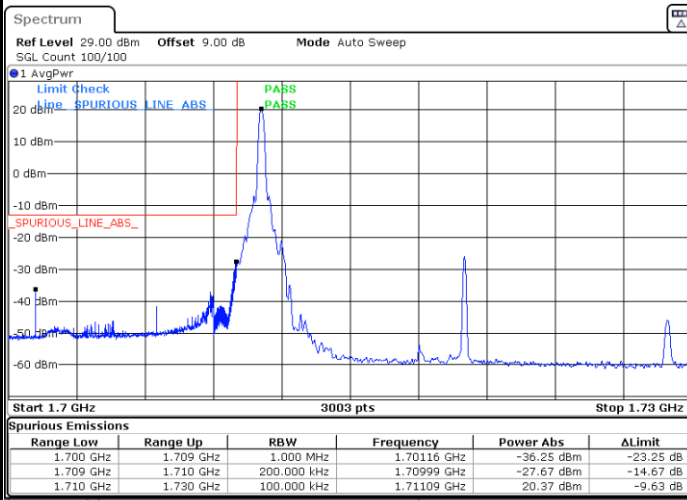
Highest Band Edge / Full RB





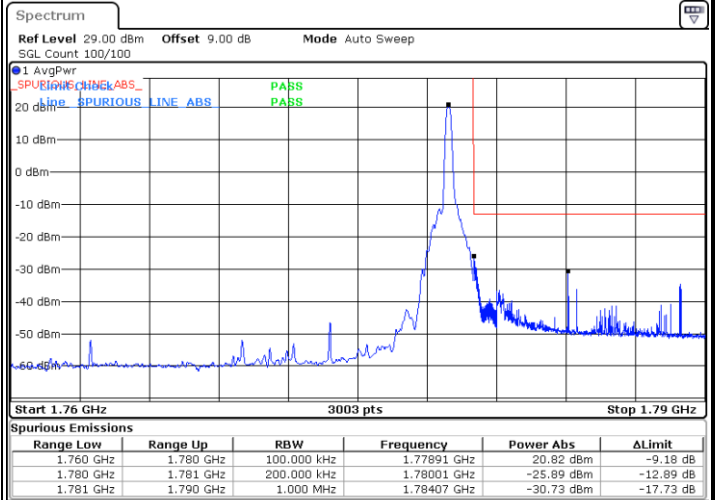
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



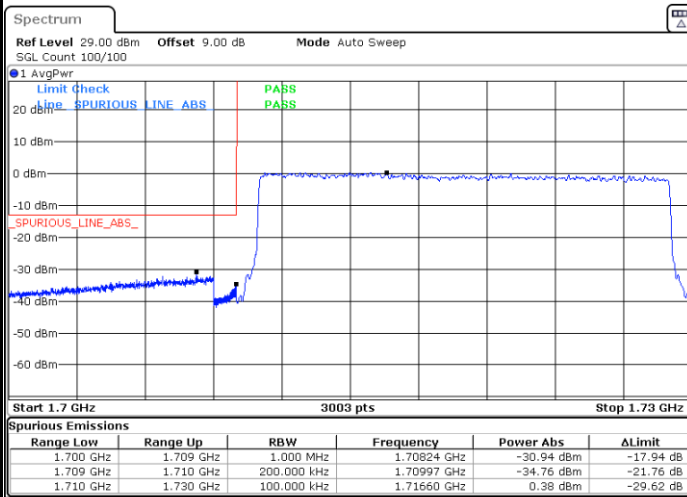
Date: 10.AUG.2022 18:55:30

Highest Band Edge / 1 RB



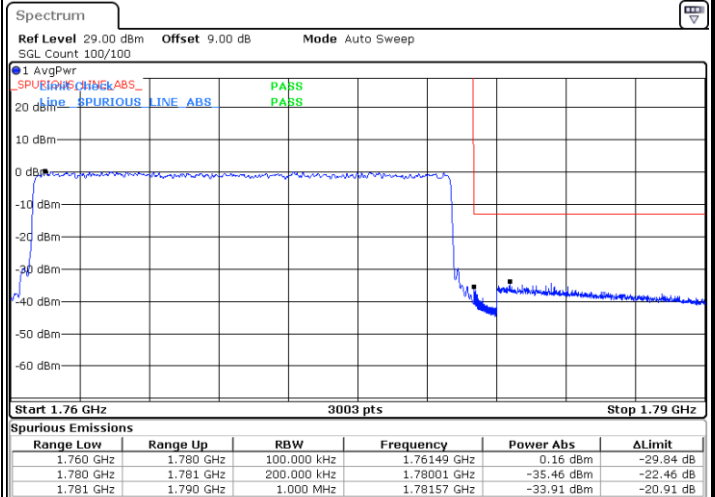
Date: 11.AUG.2022 10:22:48

Lowest Band Edge / Full RB



Date: 10.AUG.2022 18:58:33

Highest Band Edge / Full RB



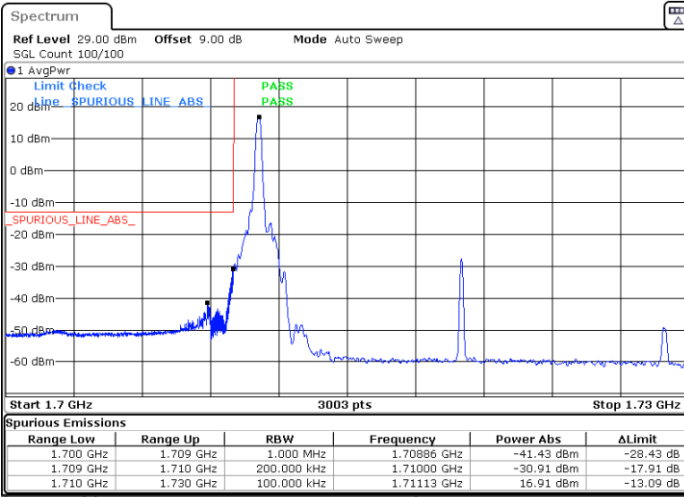
Date: 11.AUG.2022 10:25:39



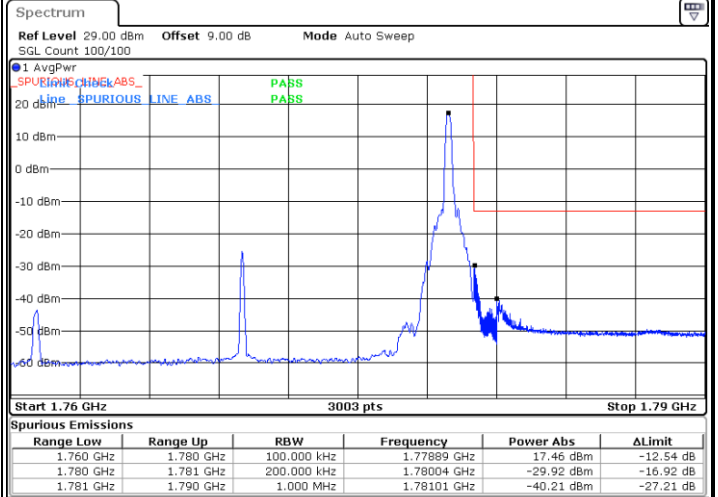
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



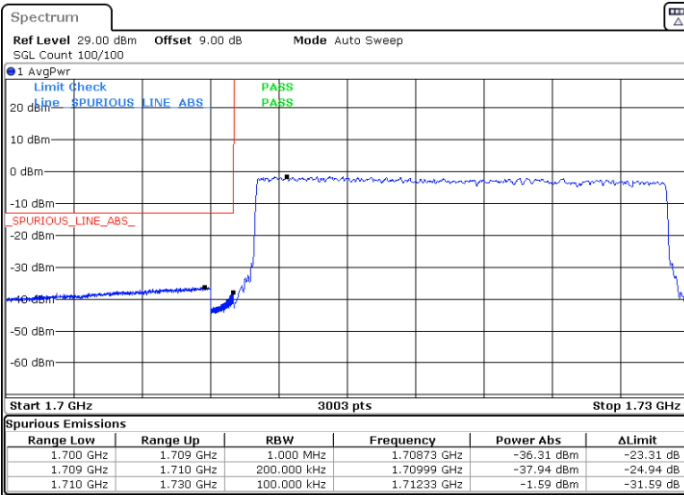
Date: 10.AUG.2022 18:55:51



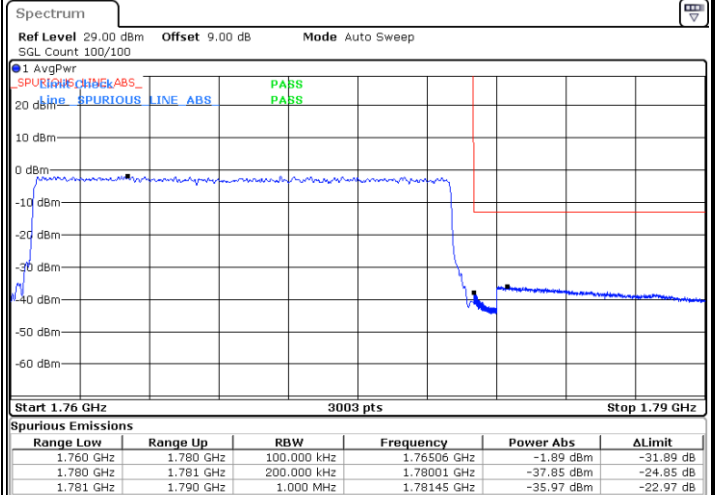
Date: 11.AUG.2022 10:23:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



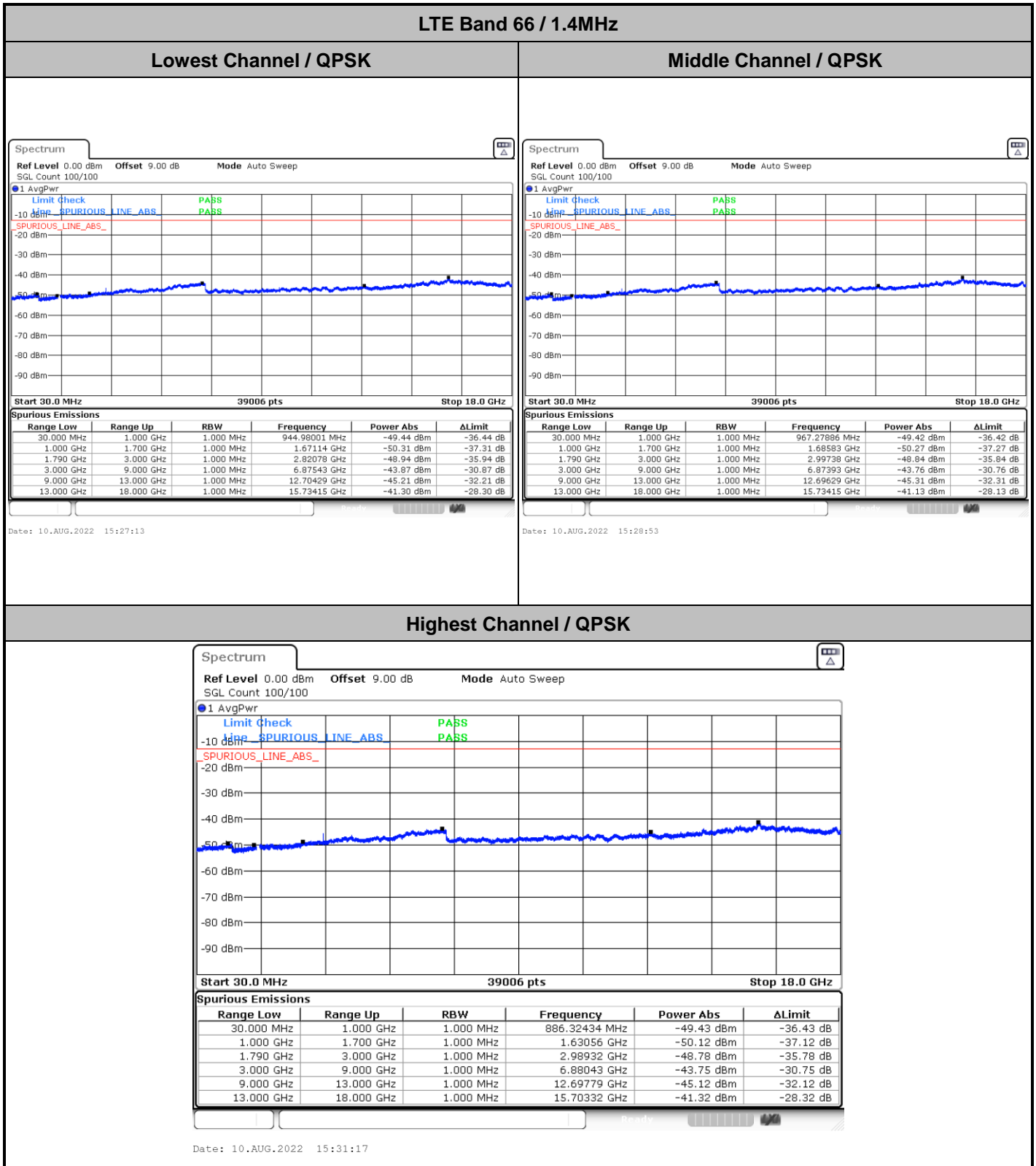
Date: 10.AUG.2022 18:59:04



Date: 11.AUG.2022 10:26:01



# Conducted Spurious Emission



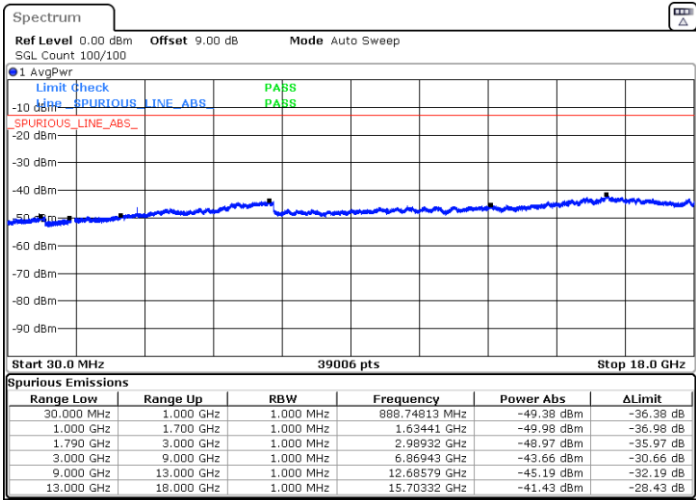




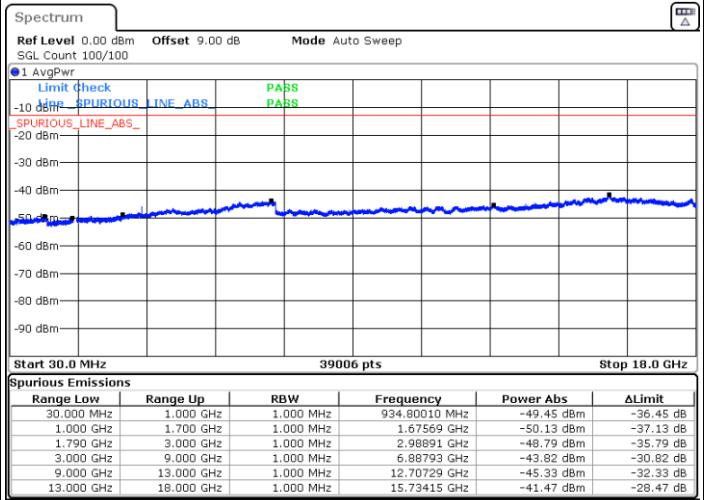
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

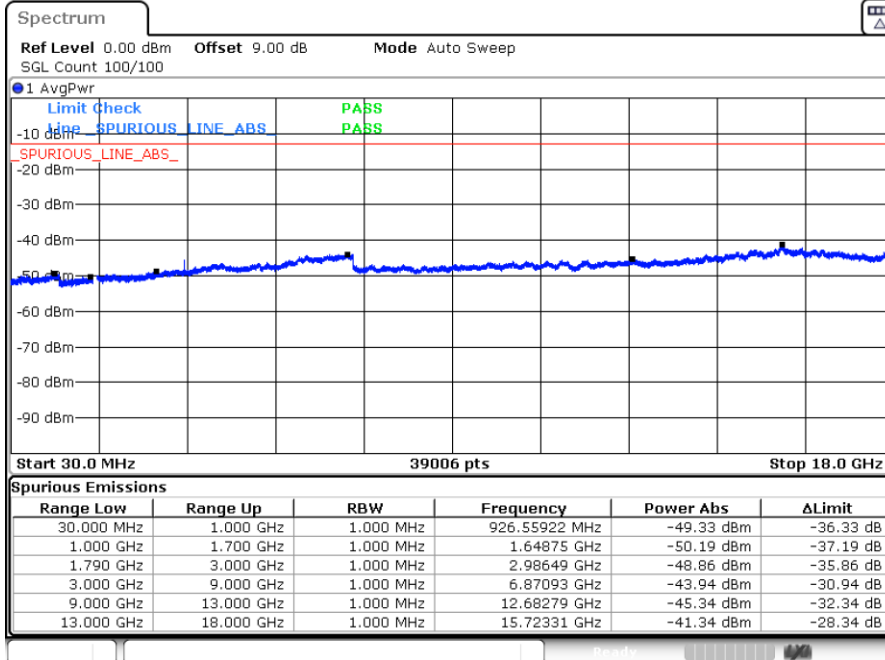


Date: 10.AUG.2022 15:58:42



Date: 10.AUG.2022 15:57:05

Highest Channel / QPSK



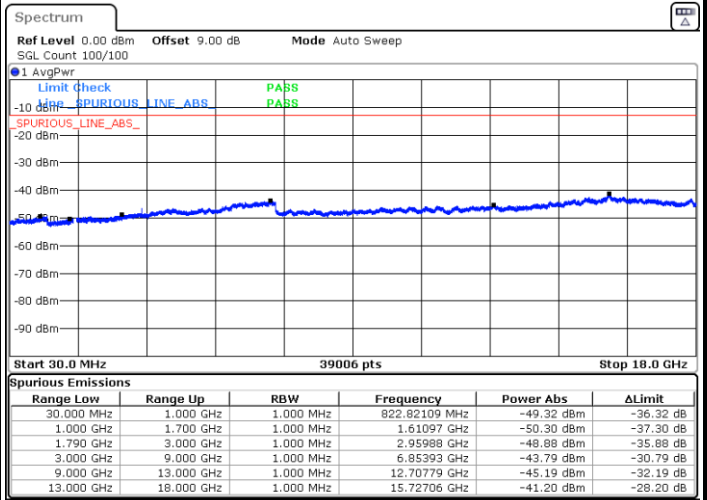
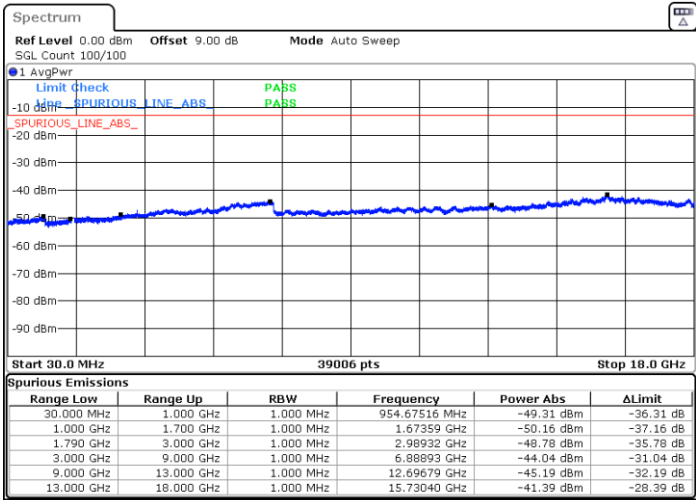
Date: 10.AUG.2022 15:55:12



LTE Band 66 / 5MHz

Lowest Channel / QPSK

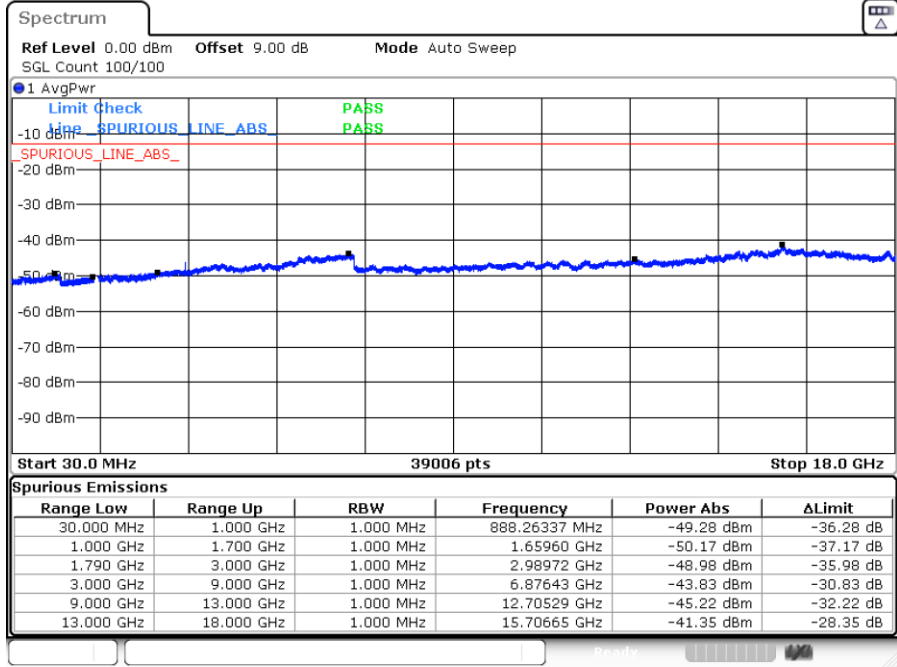
Middle Channel / QPSK



Date: 10.AUG.2022 16:41:39

Date: 10.AUG.2022 16:40:14

Highest Channel / QPSK



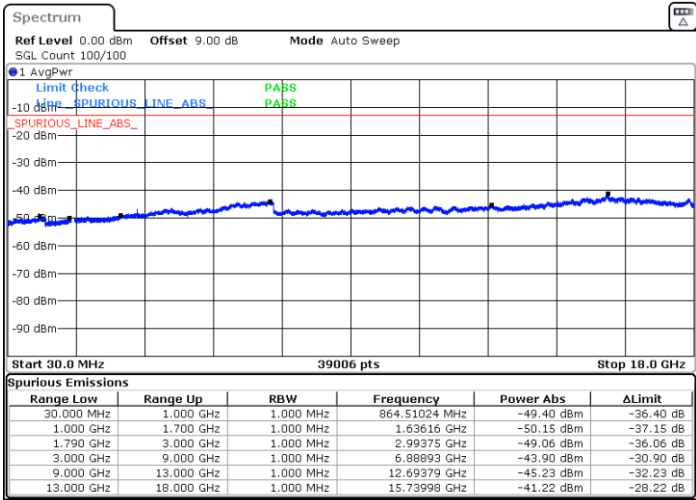
Date: 10.AUG.2022 16:38:26



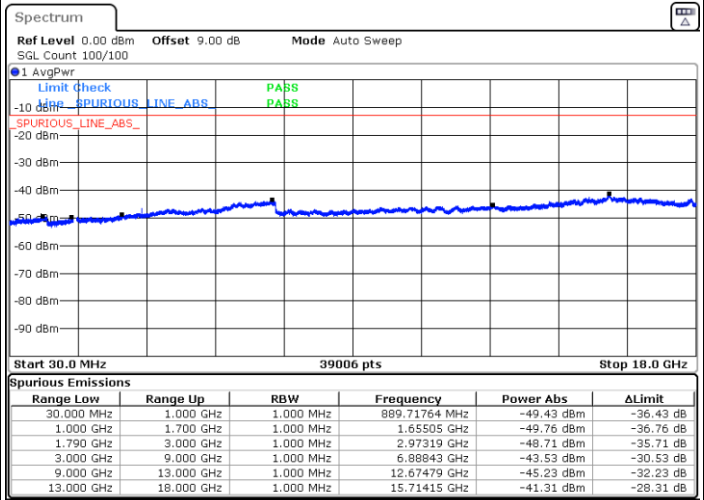
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

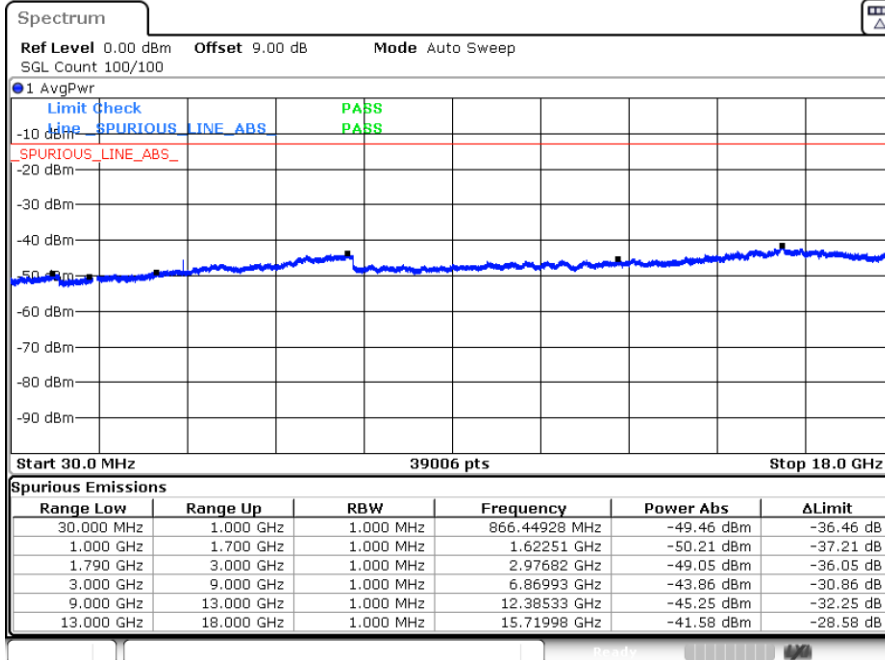


Date: 10.AUG.2022 17:08:15



Date: 10.AUG.2022 17:09:43

Highest Channel / QPSK



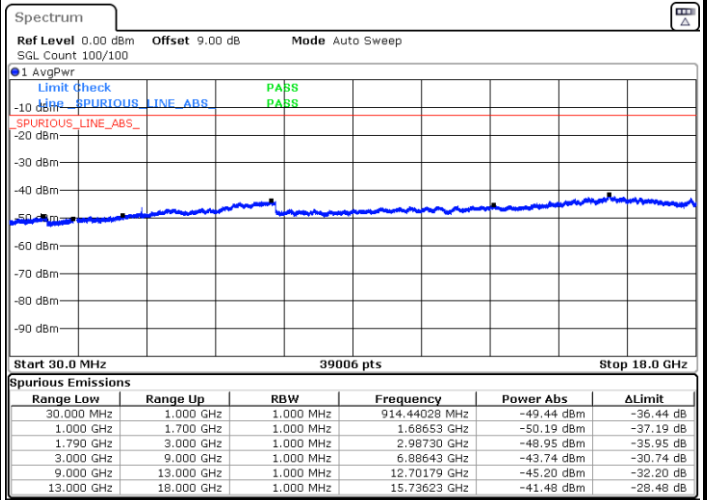
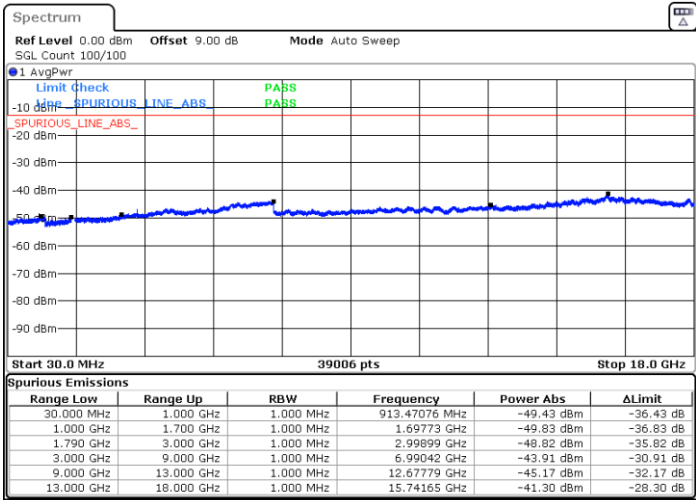
Date: 10.AUG.2022 17:11:08



LTE Band 66 / 15MHz

Lowest Channel / QPSK

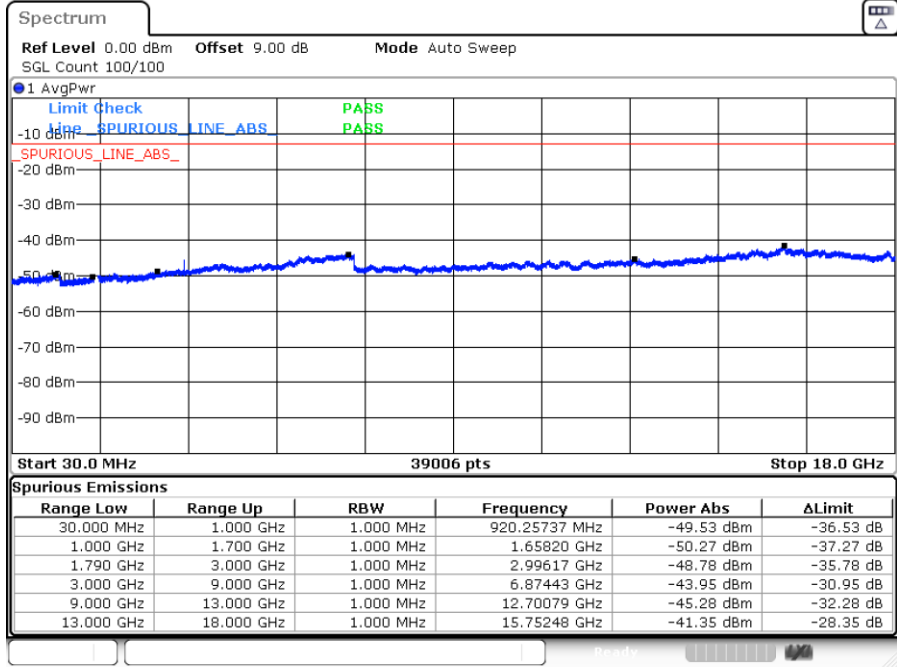
Middle Channel / QPSK



Date: 10.AUG.2022 18:38:54

Date: 10.AUG.2022 18:25:39

Highest Channel / QPSK



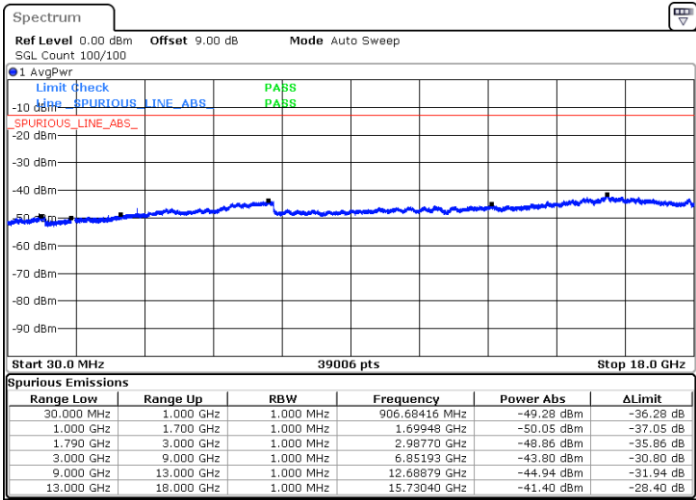
Date: 10.AUG.2022 18:24:02



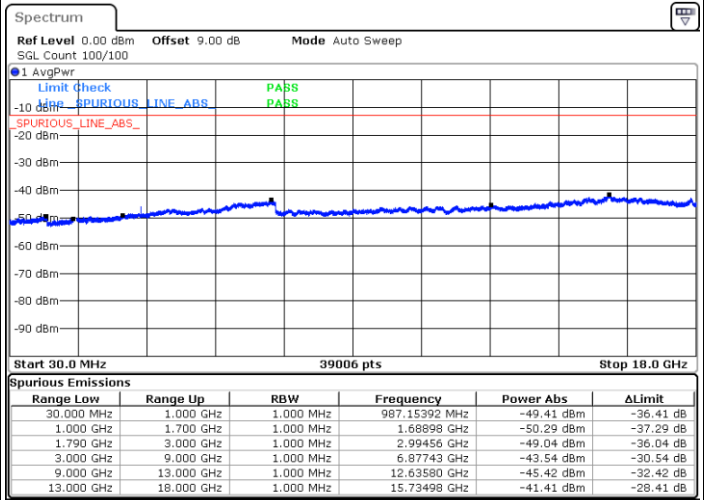
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

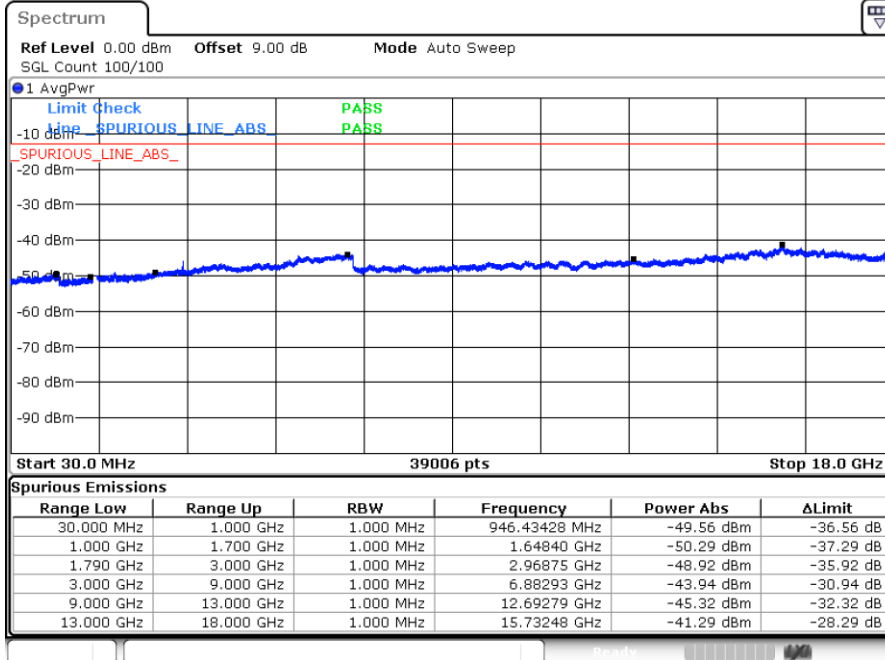


Date: 11.AUG.2022 10:37:52



Date: 11.AUG.2022 10:36:04

Highest Channel / QPSK



Date: 11.AUG.2022 10:39:24



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	0.0031	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.52 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%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 2 / 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	3741	-61.64	-13	-48.64	-73.90	2.64	14.90	H
	5613	-52.51	-13	-39.51	-64.37	2.94	14.80	H
	7488	-45.14	-13	-32.14	-54.91	3.39	13.16	H
	3741	-59.02	-13	-46.02	-71.28	2.64	14.90	V
	5613	-49.67	-13	-36.67	-61.53	2.94	14.80	V
	7488	-46.89	-13	-33.89	-56.66	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK / ANT3								
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	3447	-46.76	-13	-33.76	-57.50	2.604	13.34	H
	5169	-55.33	-13	-42.33	-65.84	3.011	13.52	H
	6888	-54.02	-13	-41.02	-64.22	3.271	13.47	H
	3447	-48.55	-13	-35.55	-59.29	2.604	13.34	V
	5169	-55.48	-13	-42.48	-65.99	3.011	13.52	V
	6888	-53.71	-13	-40.71	-63.91	3.271	13.47	V

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

LTE Band 12 / 10MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain ( dBi)	Polarization (H/V)
Middle	1408	-66.78	-13	-53.78	-73.75	1.58	10.70	H
	2112	-63.46	-13	-50.46	-71.71	2.102	12.50	H
	2816	-61.34	-13	-48.34	-70.23	2.856	13.90	H
	1408	-66.97	-13	-53.97	-73.94	1.58	10.70	V
	2112	-62.32	-13	-49.32	-70.57	2.10	12.50	V
	2816	-61.28	-13	-48.28	-70.17	2.86	13.90	V

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



LTE Band 13 / 5MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-65.88	-42.15	-23.73	-68.51	1.09	5.87	H
	2336	-61.78	-13	-48.78	-64.18	1.37	5.92	H
	3120	-60.51	-13	-47.51	-64.40	1.64	7.68	H
	1560	-66.86	-42.15	-24.71	-69.49	1.09	5.87	V
	2336	-62.25	-13	-49.25	-64.65	1.37	5.92	V
	3120	-60.26	-13	-47.26	-64.15	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-64.18	-13	-51.18	-66.81	1.09	5.87	H
	2336	-62.25	-13	-49.25	-64.65	1.37	5.92	H
	3112	-60.45	-13	-47.45	-64.34	1.64	7.68	H
	1552	-66.14	-13	-53.14	-68.77	1.09	5.87	V
	2336	-61.90	-13	-48.90	-64.30	1.37	5.92	V
	3112	-60.23	-13	-47.23	-64.12	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1660	-63.94	-13	-50.94	-70.91	1.58	10.70	H
	2490	-61.79	-13	-48.79	-70.04	2.102	12.50	H
	3318	-60.91	-13	-47.91	-69.80	2.856	13.90	H
	1660	-62.64	-13	-49.64	-69.61	1.58	10.70	V
	2490	-61.27	-13	-48.27	-69.52	2.10	12.50	V
	3318	-60.74	-13	-47.74	-69.63	2.86	13.90	V

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





LTE Band 66 / 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	3471	-60.08	-13	-47.08	-70.82	2.604	13.34	H
	5208	-53.70	-13	-40.70	-64.21	3.011	13.52	H
	6948	-45.32	-13	-32.32	-55.52	3.271	13.47	H
	8676	-40.57	-13	-27.57	-47.54	5.527	12.5	H
	10416	-37.78	-13	-24.78	-44.64	6.038	12.9	H
	3471	-60.28	-13	-47.28	-71.02	2.604	13.34	V
	5208	-53.57	-13	-40.57	-64.08	3.011	13.52	V
	6948	-43.61	-13	-30.61	-53.81	3.271	13.47	V
	8676	-40.93	-13	-27.93	-47.90	5.527	12.50	V
	10416	-35.40	-13	-22.40	-42.26	6.038	12.90	V

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