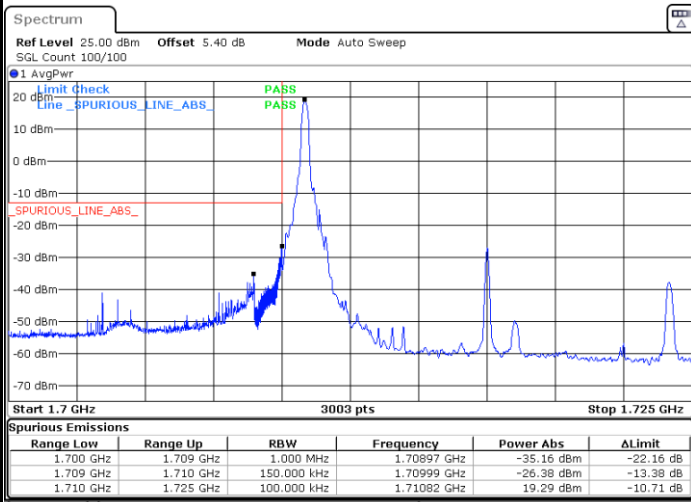




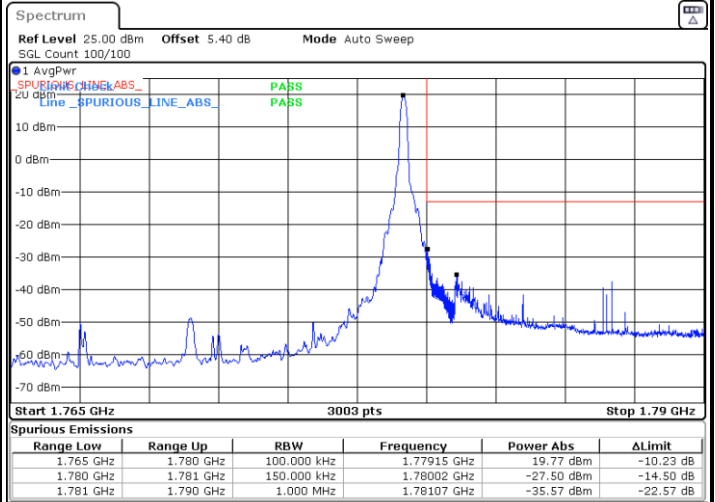
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



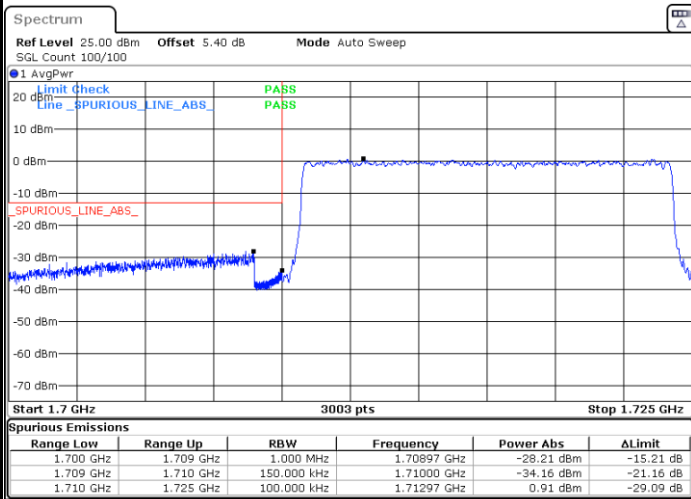
Date: 9.NOV.2022 09:15:05

Highest Band Edge / 1 RB



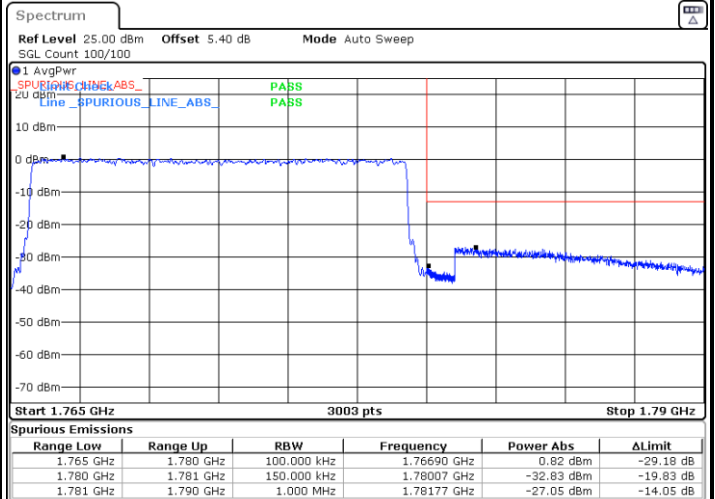
Date: 9.NOV.2022 09:28:29

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:20:27

Highest Band Edge / Full RB

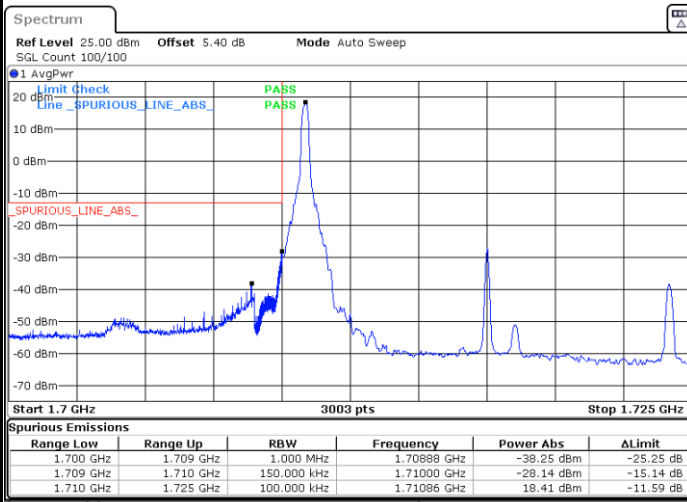


Date: 9.NOV.2022 09:33:50



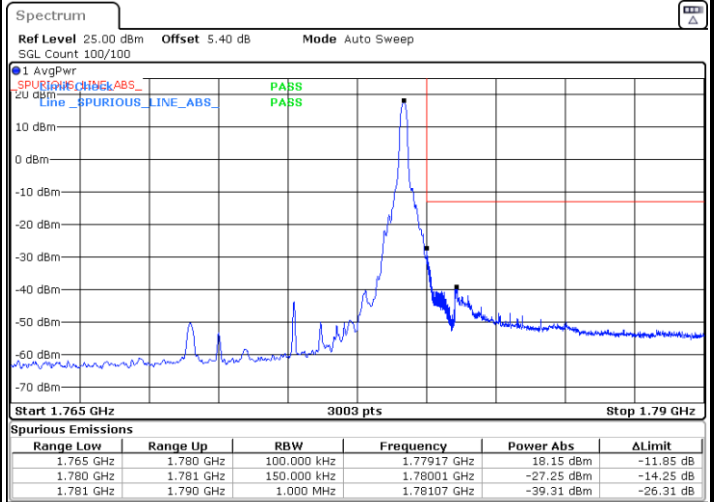
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



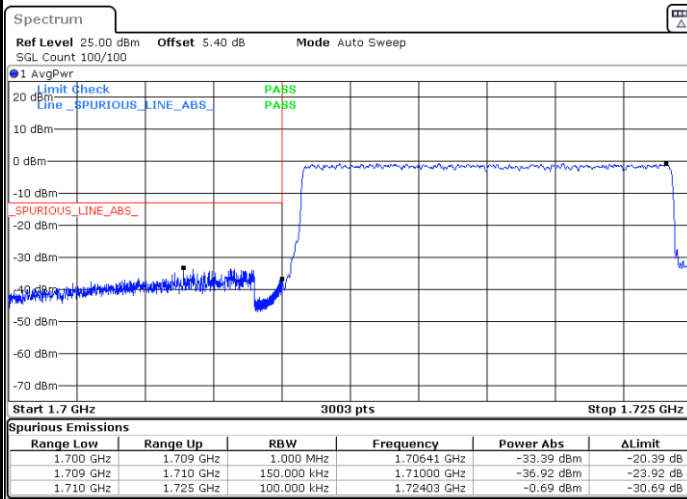
Date: 9.NOV.2022 09:16:25

Highest Band Edge / 1 RB



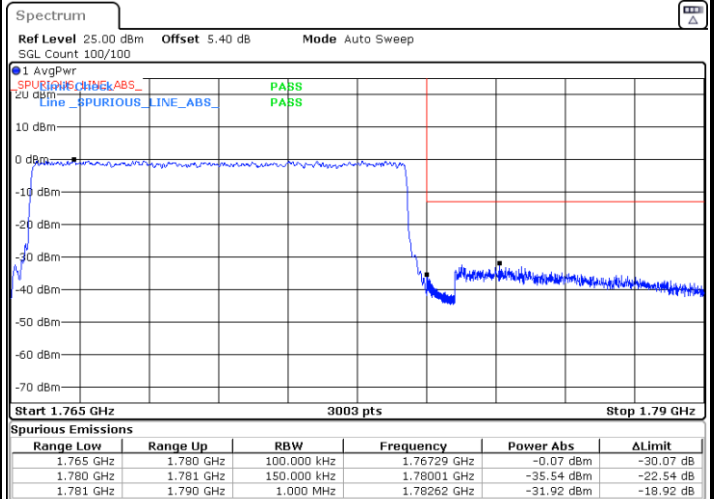
Date: 9.NOV.2022 09:29:48

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:21:47

Highest Band Edge / Full RB

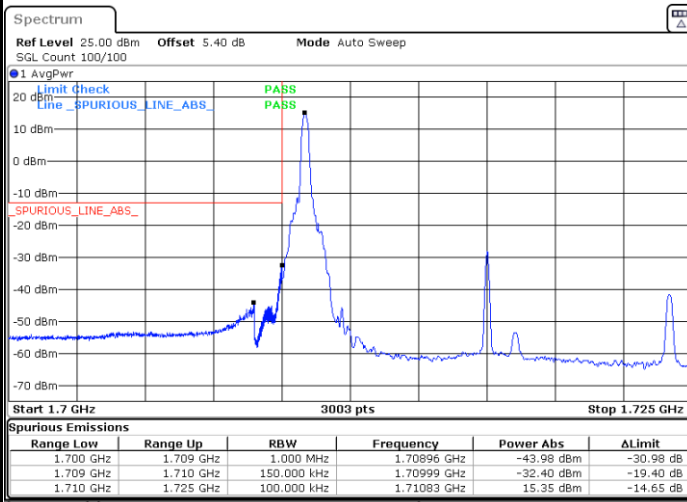


Date: 9.NOV.2022 09:35:10



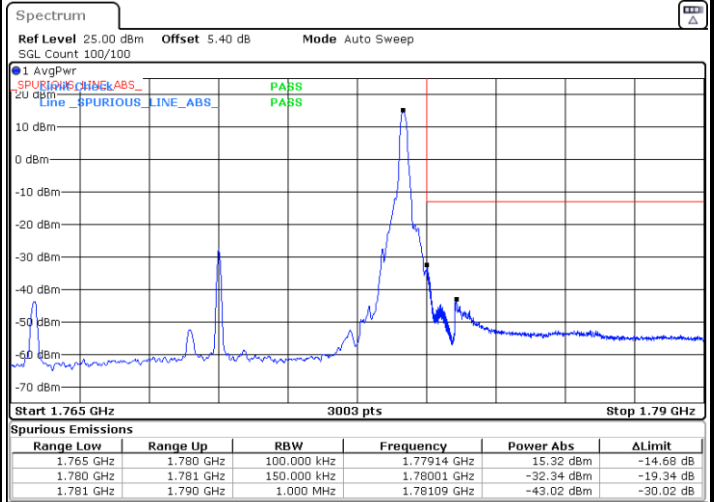
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



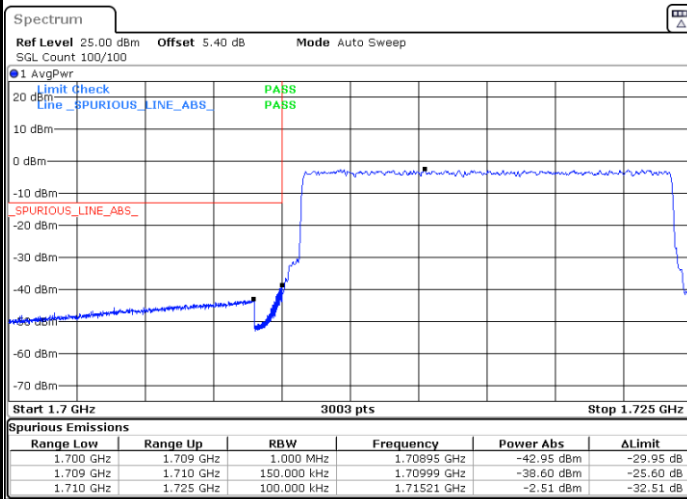
Date: 9.NOV.2022 09:17:45

Highest Band Edge / 1 RB



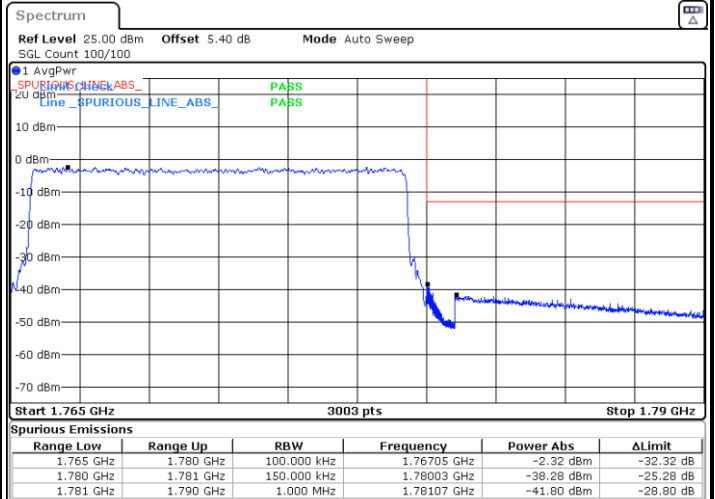
Date: 9.NOV.2022 09:31:08

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:23:07

Highest Band Edge / Full RB

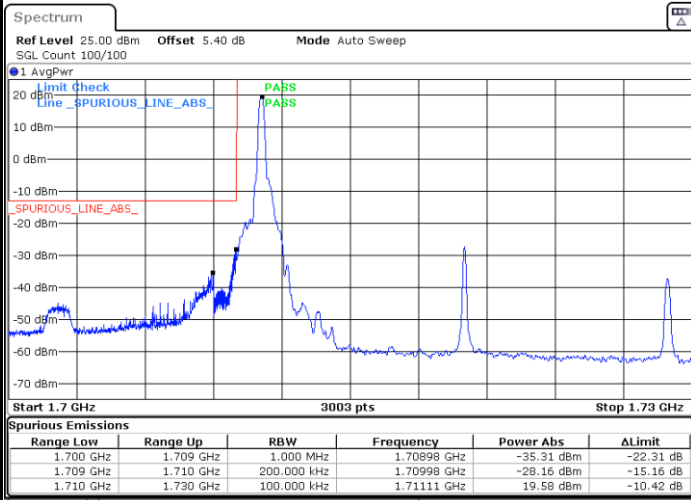


Date: 9.NOV.2022 09:36:30



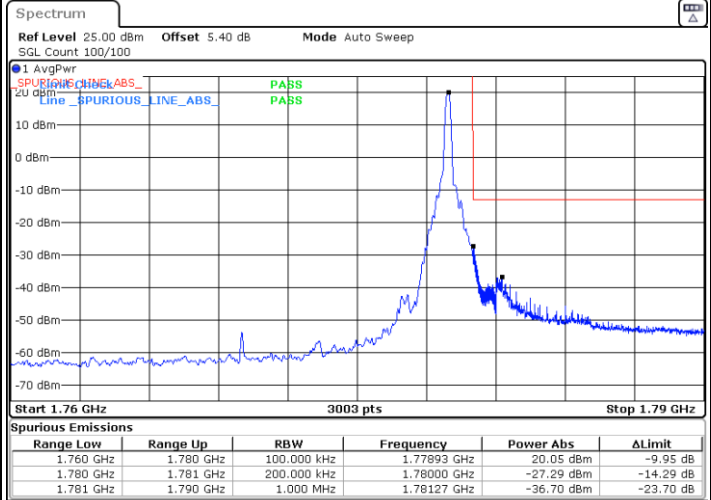
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



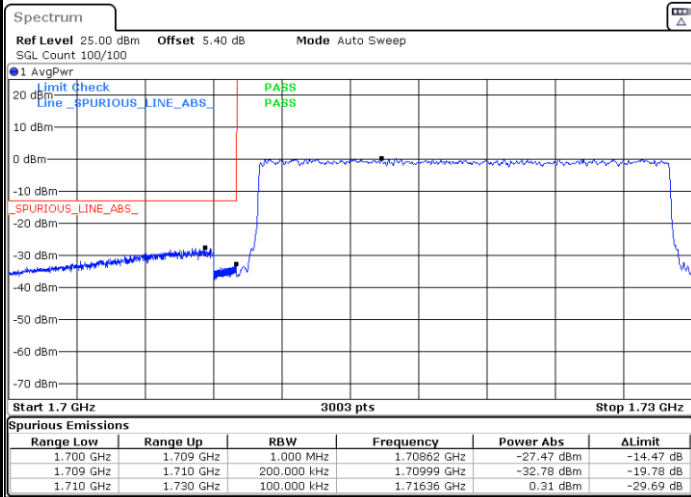
Date: 9.NOV.2022 09:40:05

Highest Band Edge / 1 RB



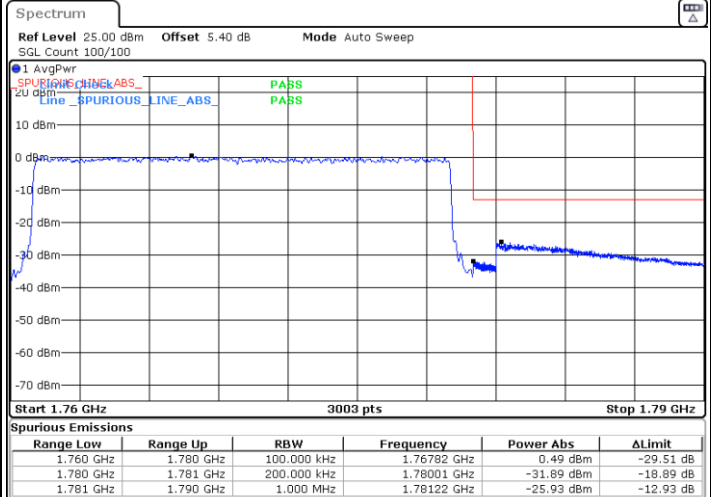
Date: 9.NOV.2022 09:53:28

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:45:27

Highest Band Edge / Full RB

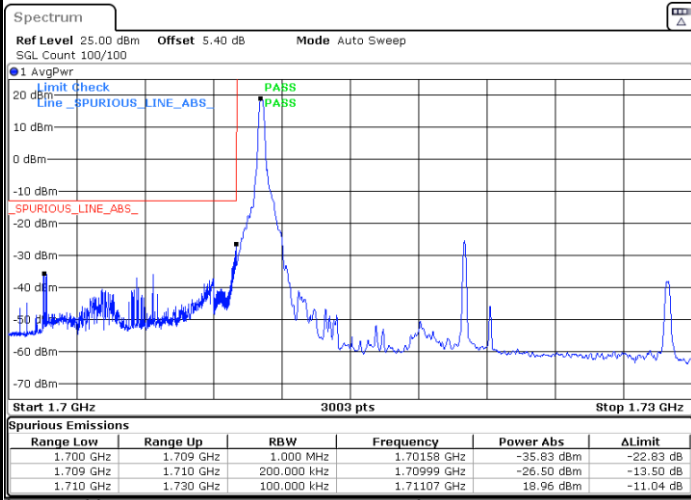


Date: 9.NOV.2022 09:58:49



LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



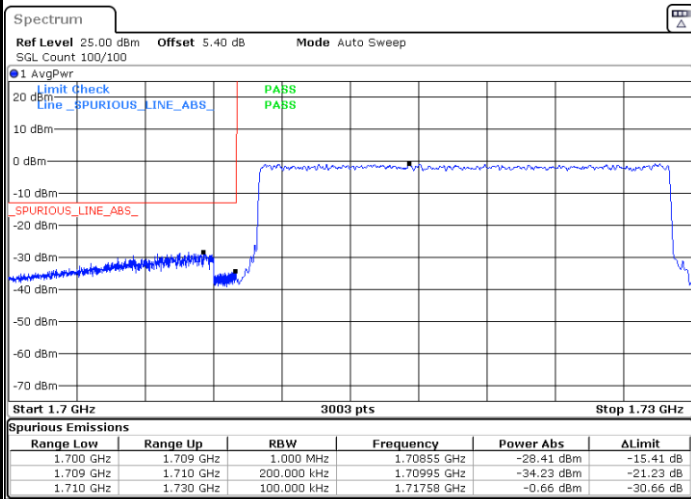
Date: 9.NOV.2022 09:41:25

Highest Band Edge / 1 RB



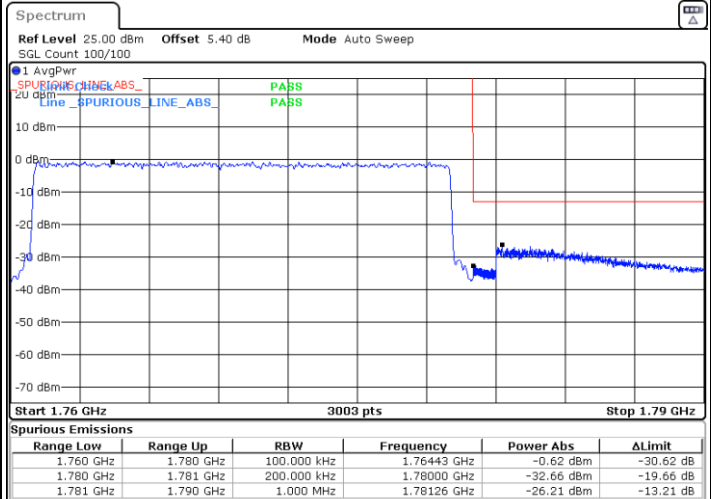
Date: 9.NOV.2022 09:54:47

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:46:47

Highest Band Edge / Full RB

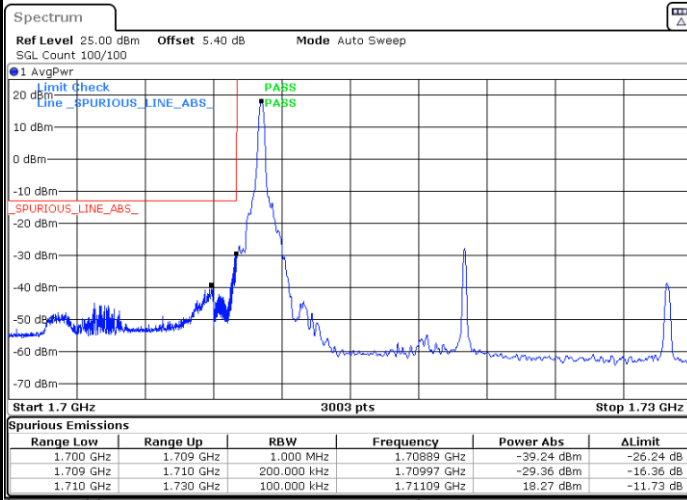


Date: 9.NOV.2022 10:00:09



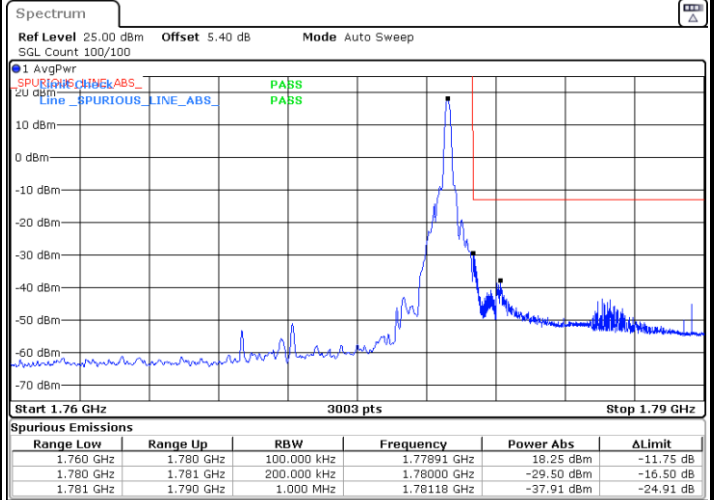
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



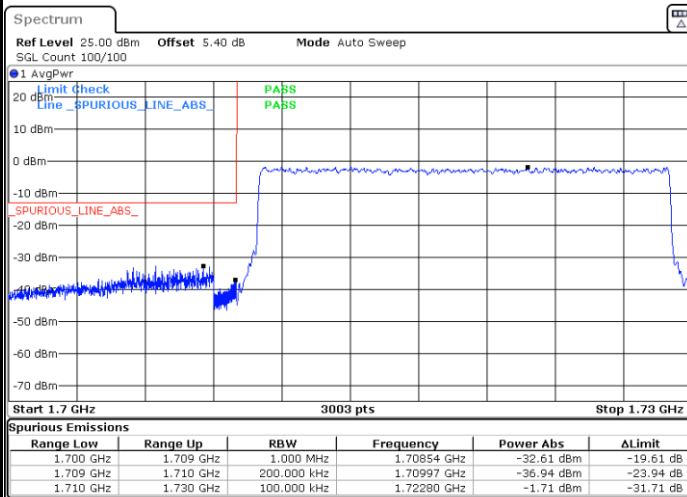
Date: 9.NOV.2022 09:42:44

Highest Band Edge / 1 RB



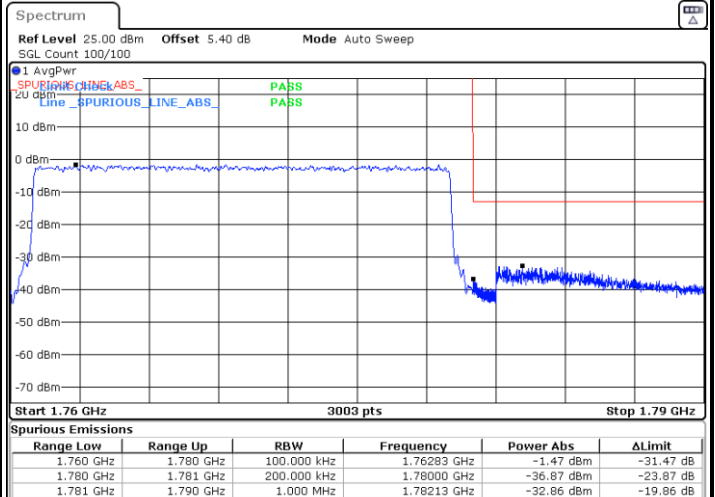
Date: 9.NOV.2022 09:56:07

Lowest Band Edge / Full RB



Date: 9.NOV.2022 09:48:06

Highest Band Edge / Full RB



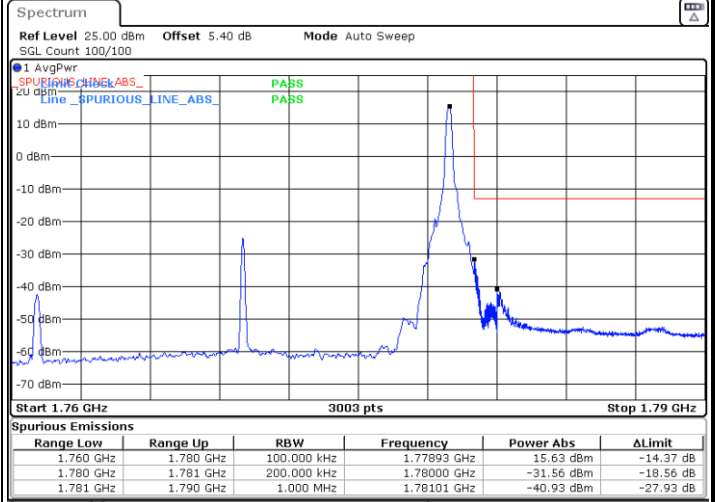
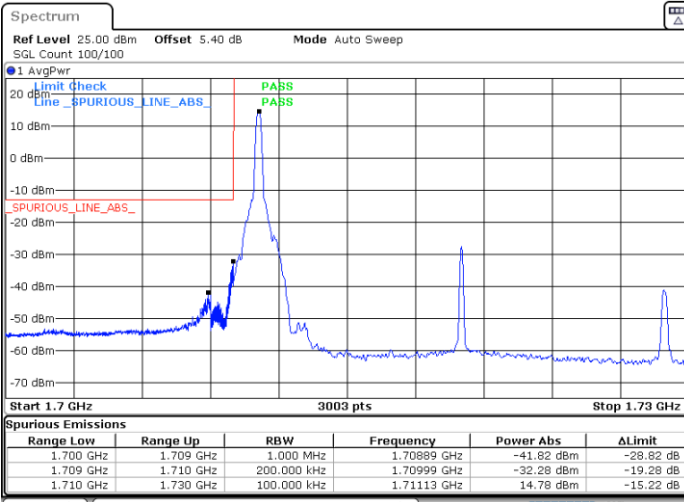
Date: 9.NOV.2022 10:01:29



LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

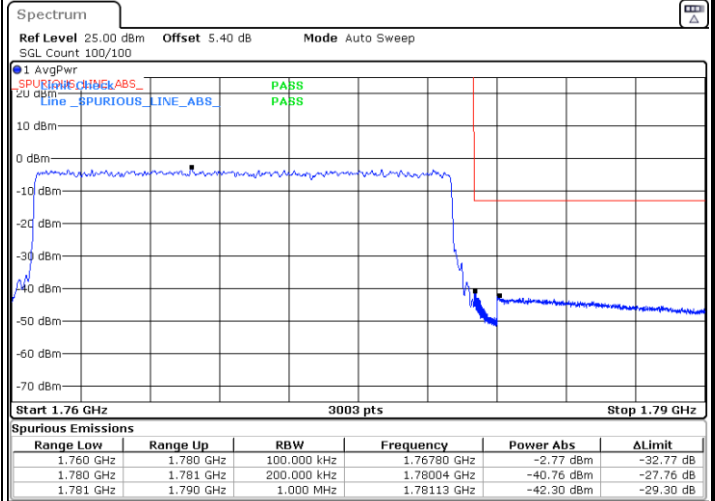
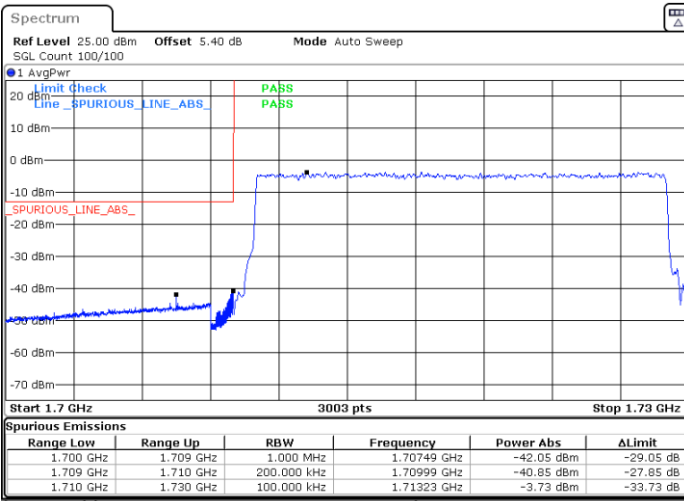


Date: 9.NOV.2022 09:44:04

Date: 9.NOV.2022 09:57:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

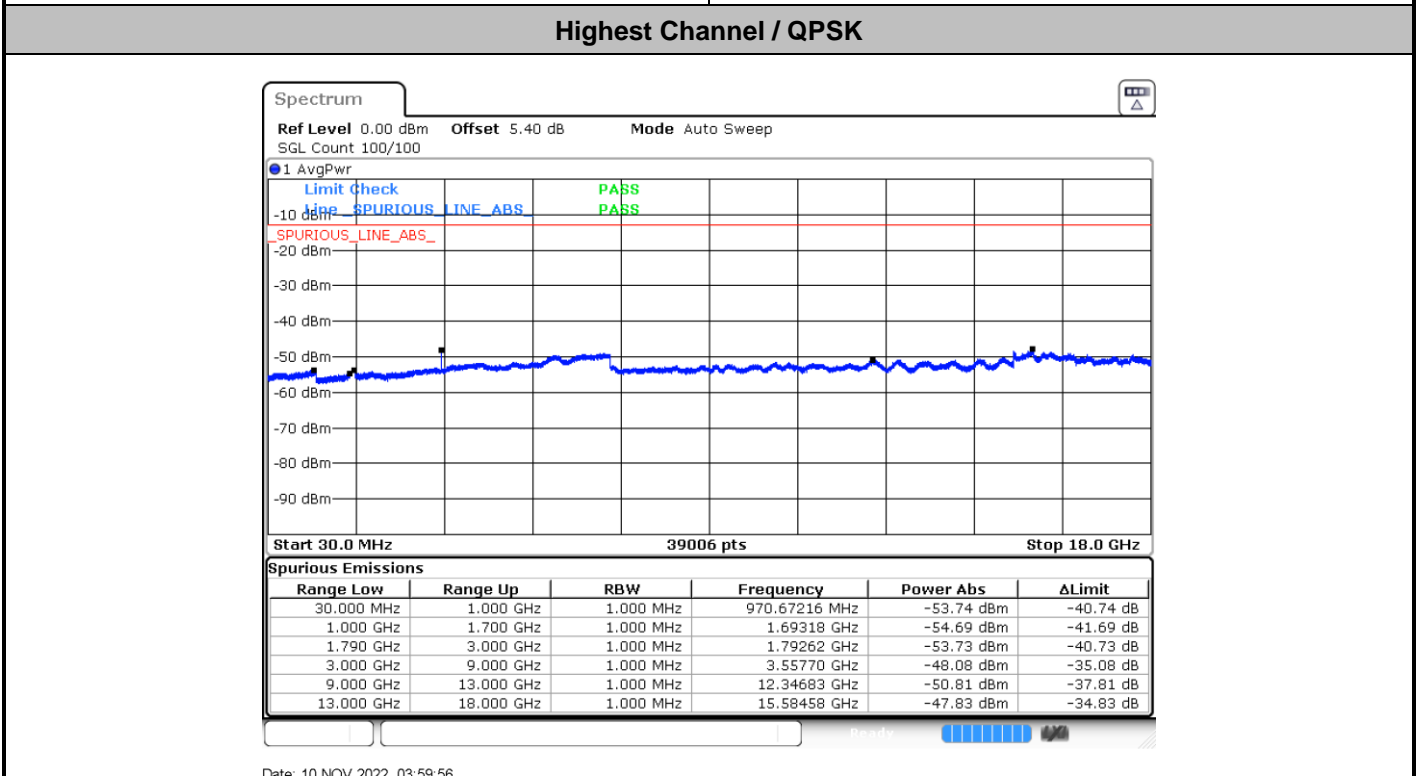
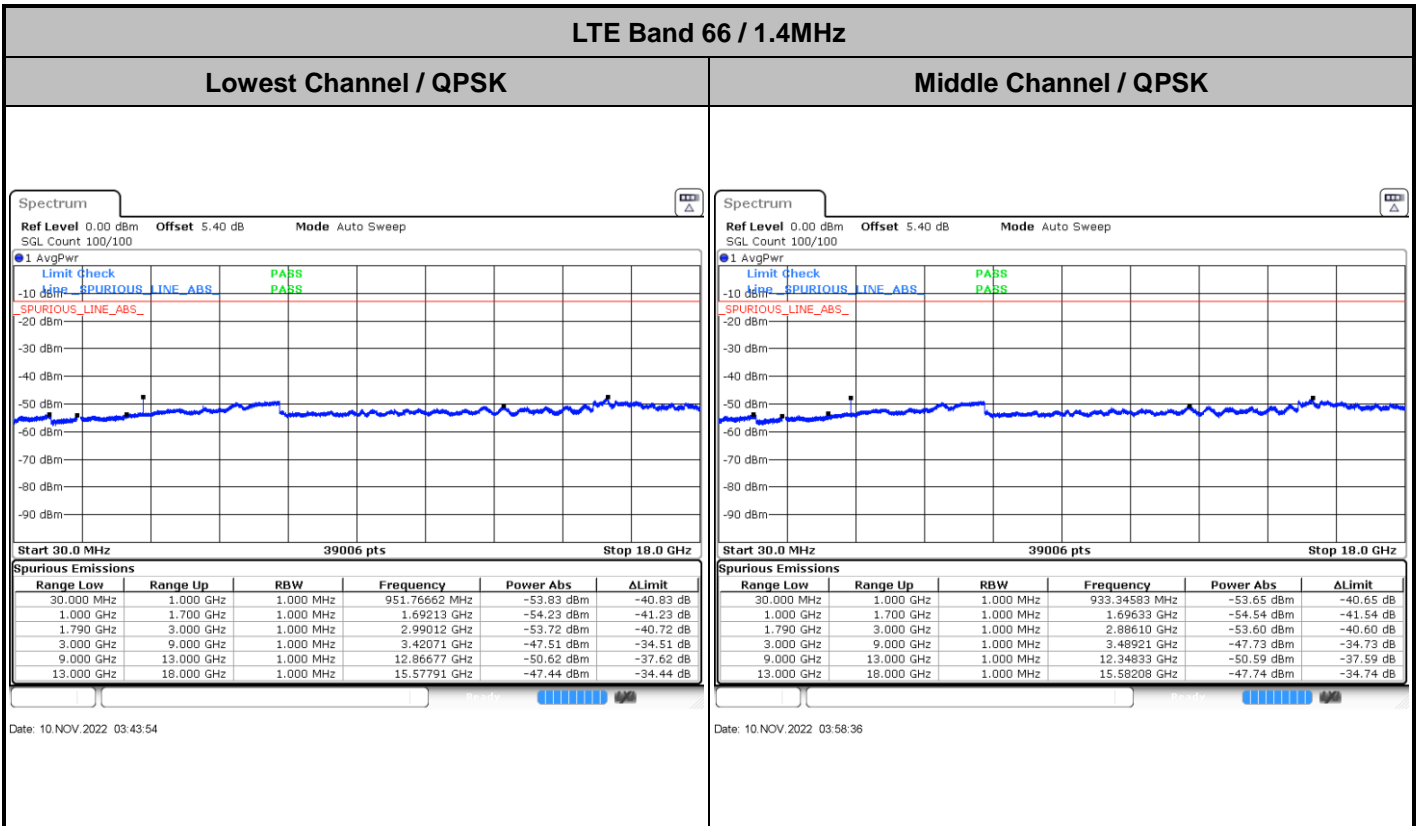


Date: 9.NOV.2022 09:49:26

Date: 9.NOV.2022 10:02:49



# Conducted Spurious Emission



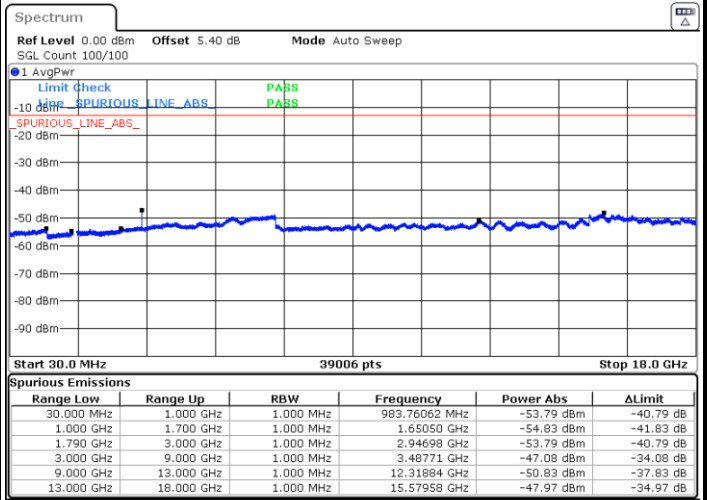
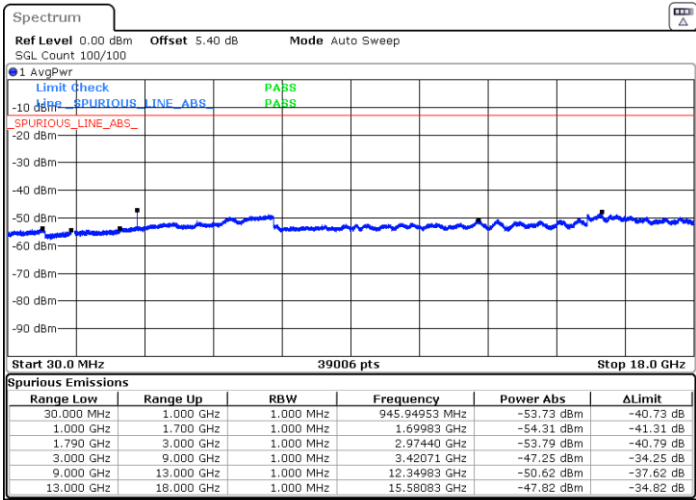




LTE Band 66 / 3MHz

Lowest Channel / QPSK

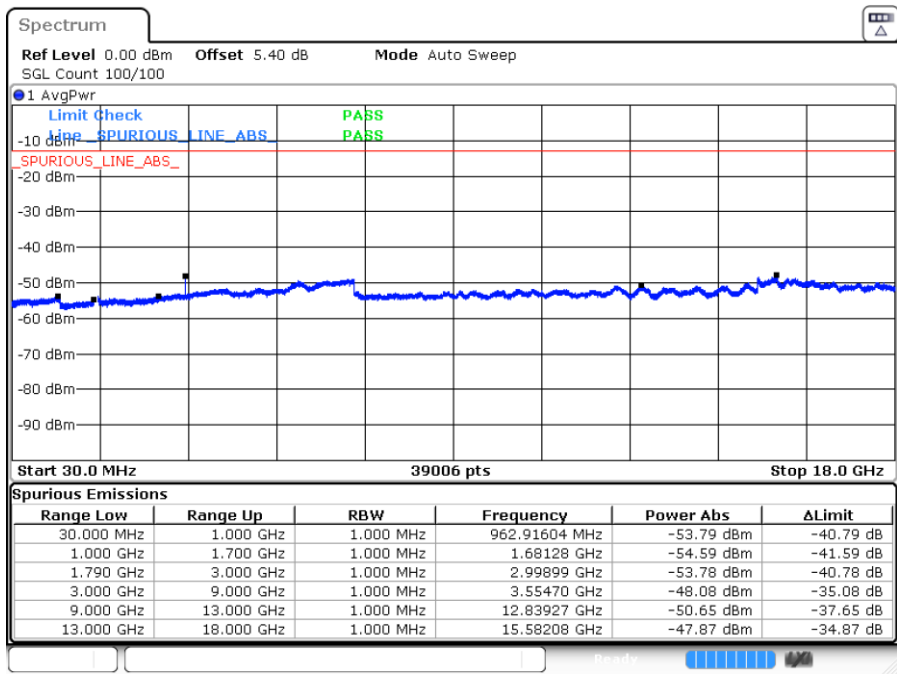
Middle Channel / QPSK



Date: 10.NOV.2022 04:15:36

Date: 10.NOV.2022 04:30:17

Highest Channel / QPSK

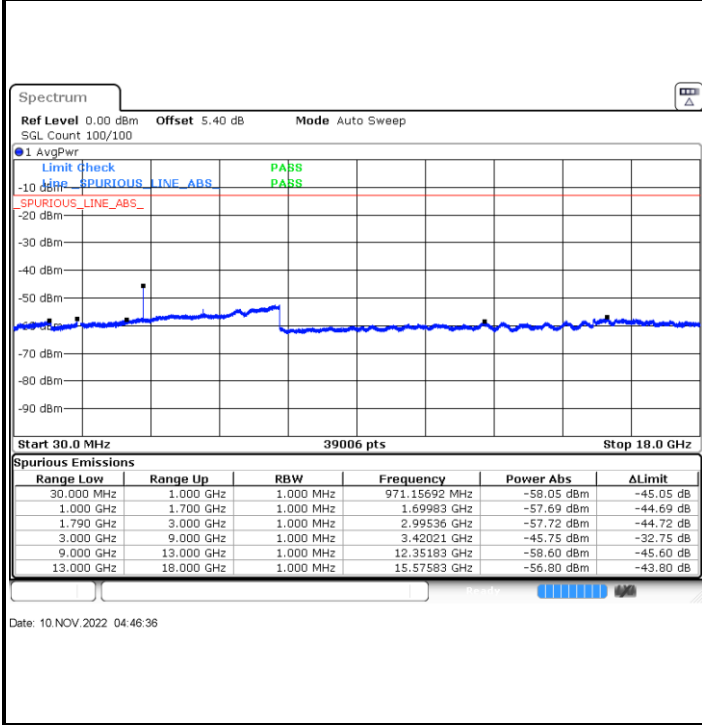


Date: 10.NOV.2022 04:31:37

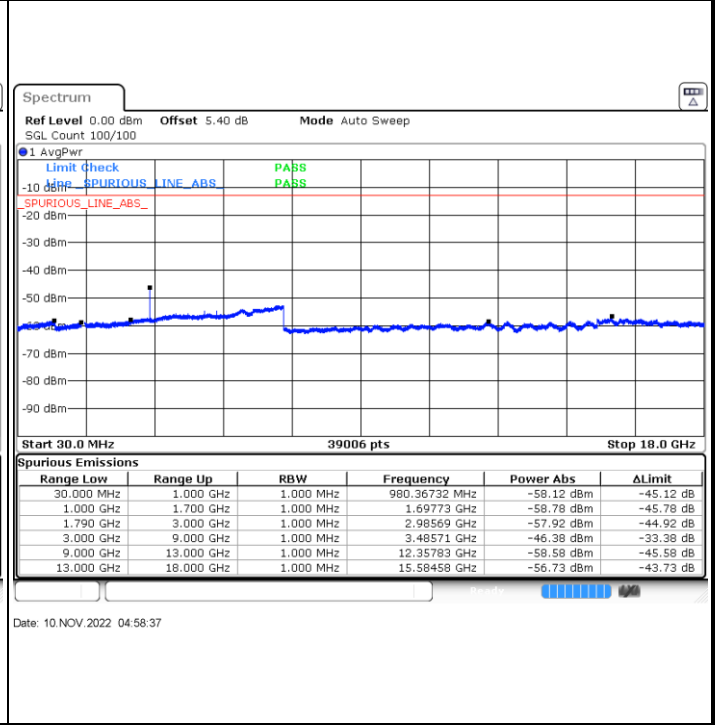


**LTE Band 66 / 5MHz**

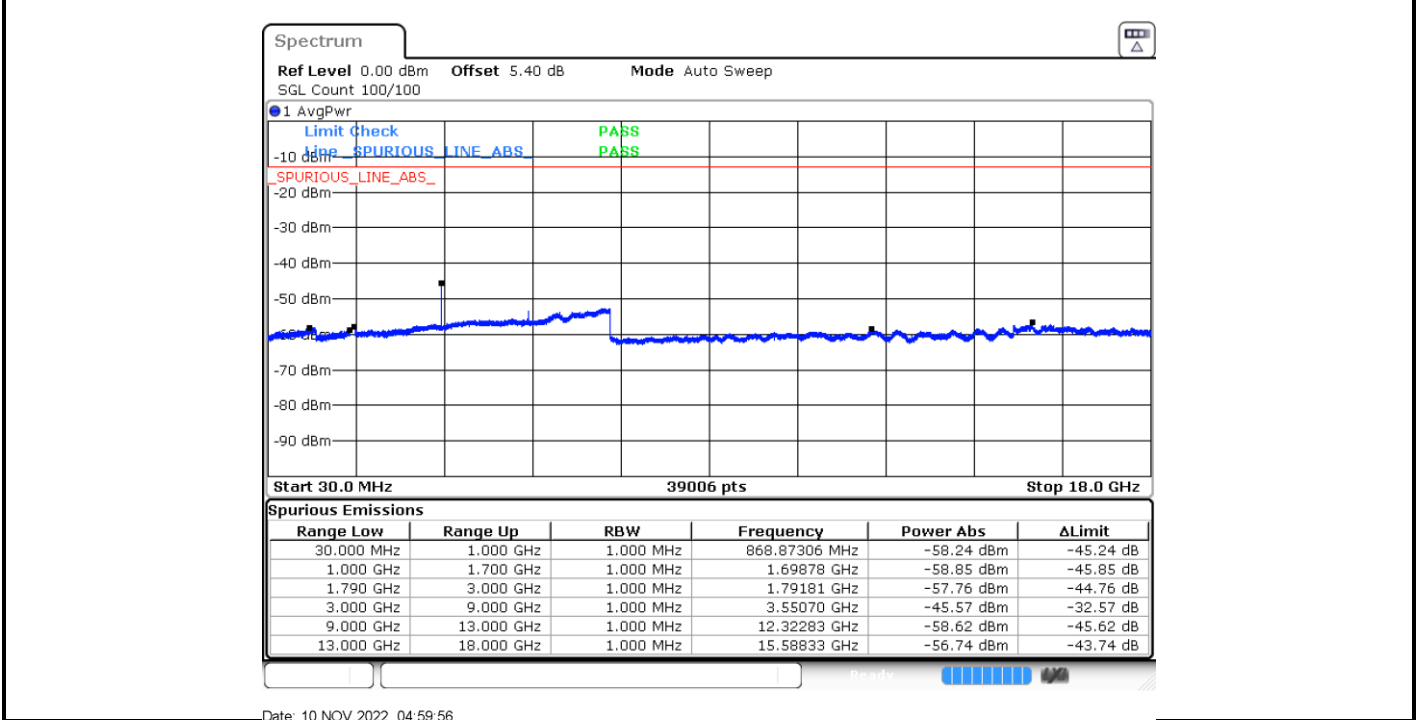
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

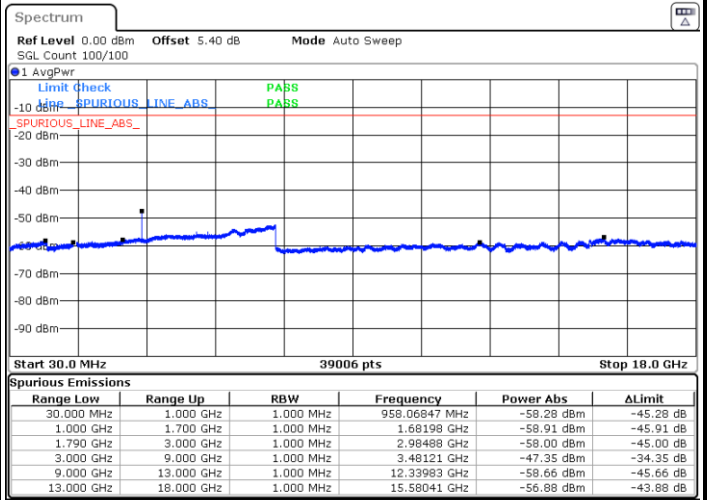
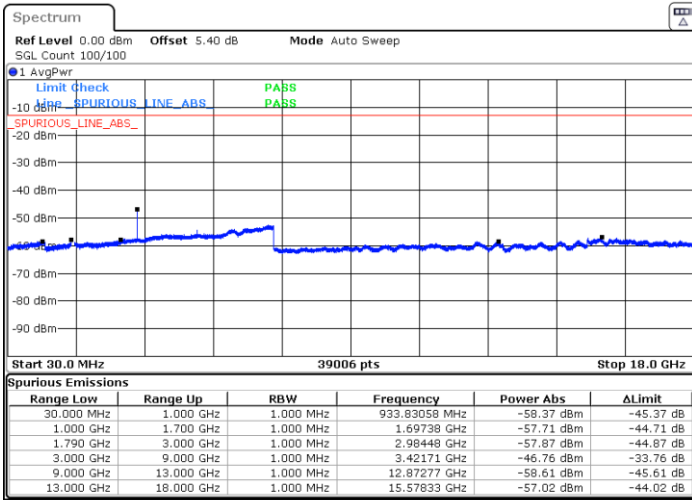




LTE Band 66 / 10MHz

Lowest Channel / QPSK

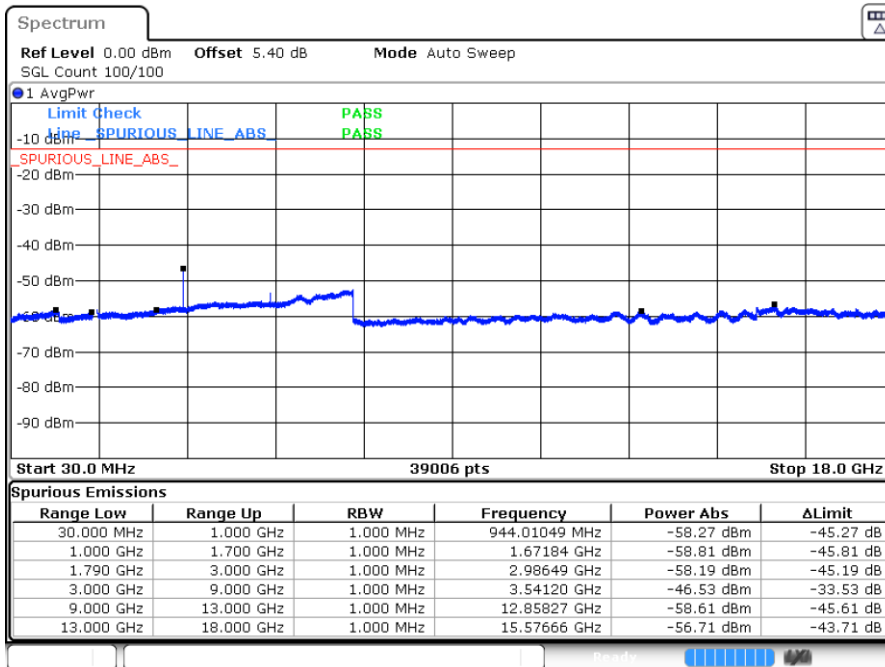
Middle Channel / QPSK



Date: 10.NOV.2022 05:12:07

Date: 10.NOV.2022 05:24:09

Highest Channel / QPSK

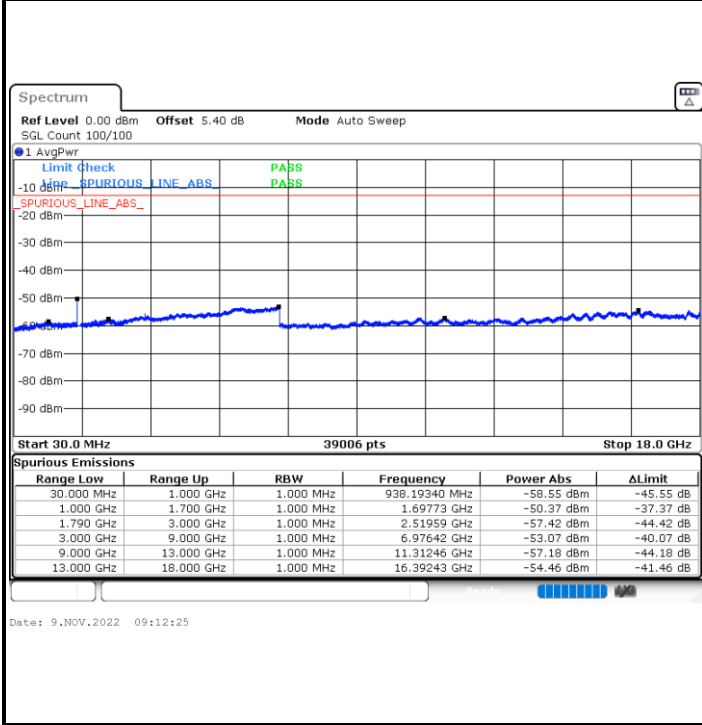


Date: 10.NOV.2022 05:25:29

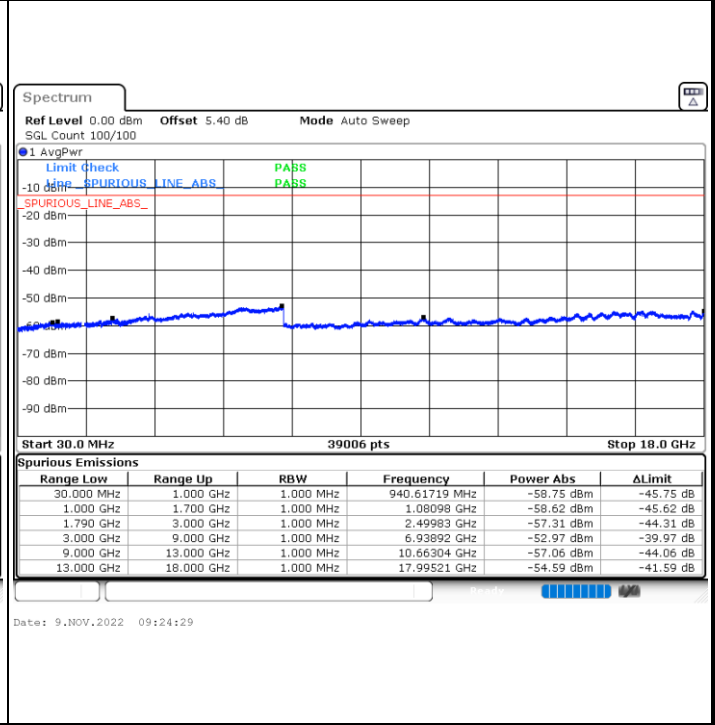


**LTE Band 66 / 15MHz**

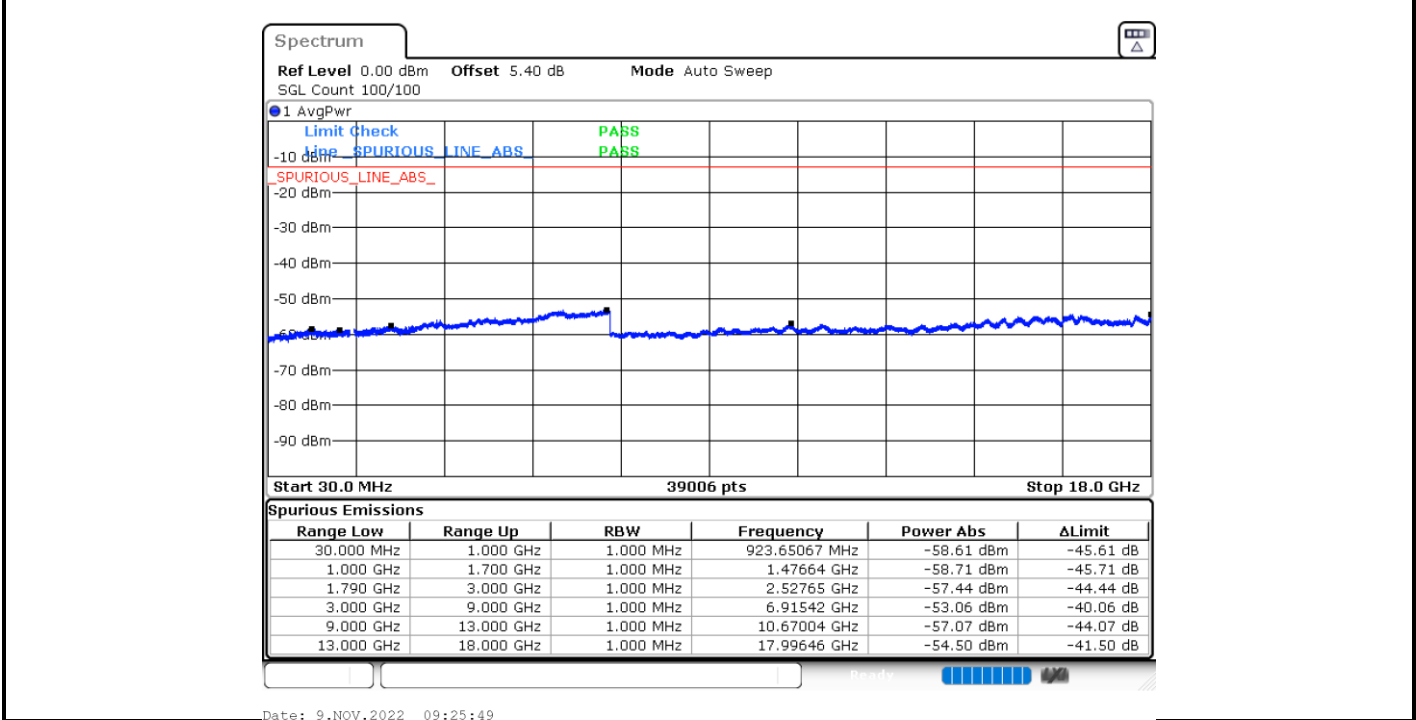
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

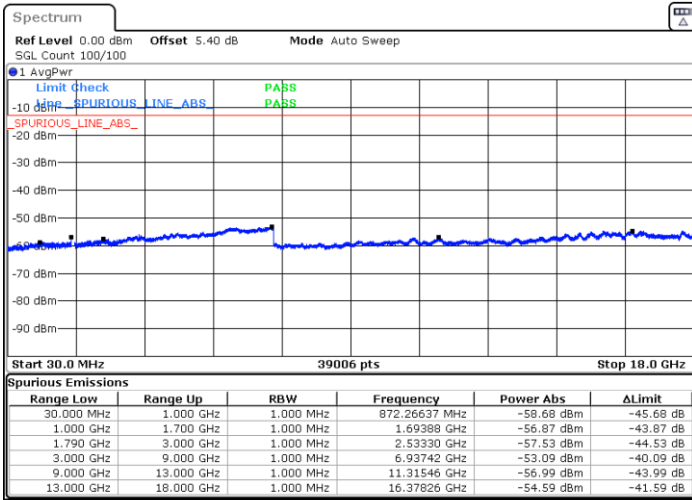




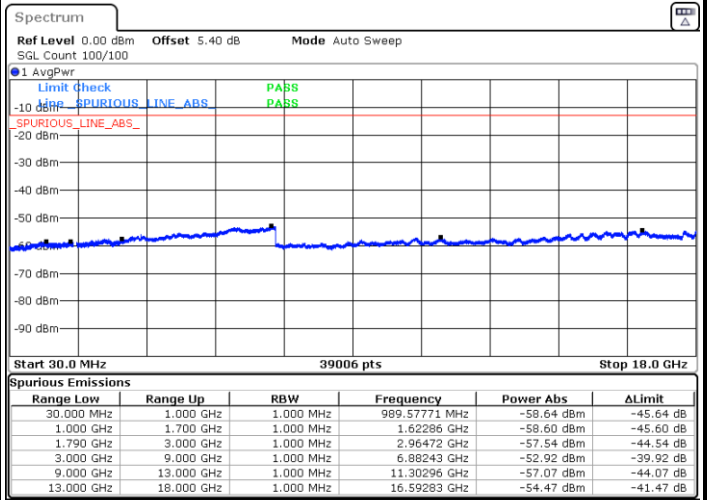
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

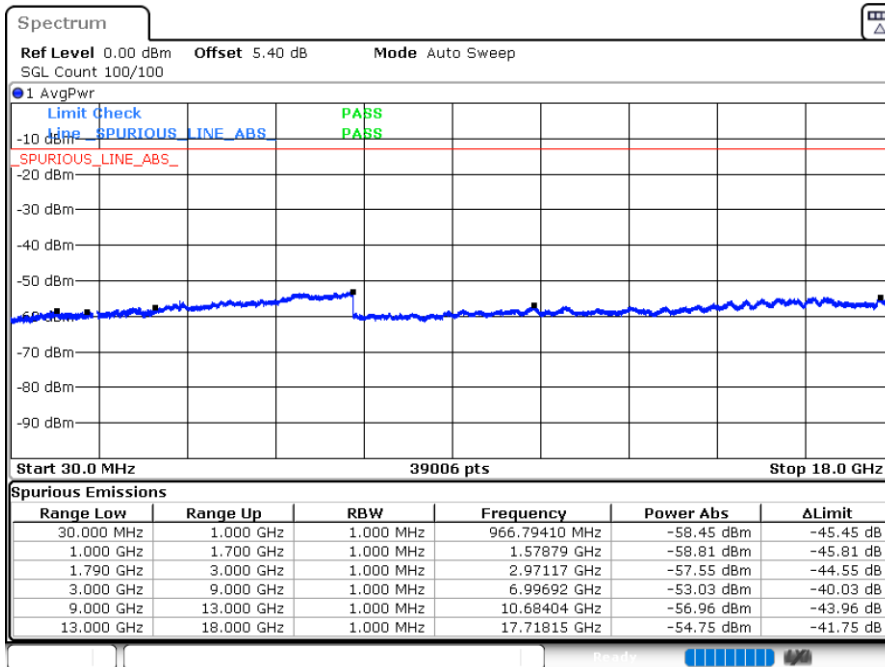


Date: 9.NOV.2022 09:38:45



Date: 9.NOV.2022 09:50:48

Highest Channel / QPSK



Date: 9.NOV.2022 09:52:08



### 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	0.0008	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

**Note:**

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

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 4 / 20MHz / QPSK(Ant0)								
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	-58.07	-13	-45.07	-68.81	2.604	13.34	H
	5169	-55.97	-13	-42.97	-66.48	3.011	13.52	H
	6888	-55.72	-13	-42.72	-65.92	3.271	13.47	H
	3447	-58.31	-13	-45.31	-69.05	2.604	13.34	V
	5169	-56.48	-13	-43.48	-66.99	3.011	13.52	V
	6888	-55.46	-13	-42.46	-65.66	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	-68.86	-13	-55.86	-75.83	1.58	10.70	H
	2112	-63.62	-13	-50.62	-71.87	2.102	12.50	H
	2808	-60.87	-13	-47.87	-69.76	2.856	13.90	H
	1408	-67.51	-13	-54.51	-74.48	1.58	10.70	V
	2112	-62.51	-13	-49.51	-70.76	2.10	12.50	V
	2808	-60.16	-13	-47.16	-69.05	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	-67.18	-42.15	-25.03	-69.81	1.09	5.87	H
	2336	-62.55	-13	-49.55	-64.95	1.37	5.92	H
	3120	-61.59	-13	-48.59	-65.48	1.64	7.68	H
	1560	-66.25	-42.15	-24.10	-68.88	1.09	5.87	V
	2336	-61.05	-13	-48.05	-63.45	1.37	5.92	V
	3120	-61.57	-13	-48.57	-65.46	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	-67.50	-13	-54.50	-70.13	1.09	5.87	H
	2328	-62.56	-13	-49.56	-64.96	1.37	5.92	H
	3112	-61.47	-13	-48.47	-65.36	1.64	7.68	H
	1552	-66.86	-13	-53.86	-69.49	1.09	5.87	V
	2328	-61.06	-13	-48.06	-63.46	1.37	5.92	V
	3112	-61.21	-13	-48.21	-65.10	1.64	7.68	V

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

LTE Band 25 / 20MHz / QPSK(Ant0)								
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	-58.02	-13	-45.02	-70.28	2.64	14.90	H
	5613	-56.30	-13	-43.30	-68.16	2.94	14.80	H
	7488	-54.81	-13	-41.81	-64.58	3.39	13.16	H
	3741	-57.99	-13	-44.99	-70.25	2.64	14.90	V
	5613	-56.51	-13	-43.51	-68.37	2.94	14.80	V
	7488	-54.76	-13	-41.76	-64.53	3.39	13.16	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	-67.11	-13	-54.11	-74.08	1.58	10.70	H
	2488	-62.47	-13	-49.47	-70.72	2.102	12.50	H
	3318	-60.91	-13	-47.91	-69.80	2.856	13.90	H
	1660	-66.22	-13	-53.22	-73.19	1.58	10.70	V
	2488	-60.03	-13	-47.03	-68.28	2.10	12.50	V
	3318	-61.44	-13	-48.44	-70.33	2.86	13.90	V

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





LTE Band 66 / 20MHz / QPSK(Ant0)								
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	-59.11	-13	-46.11	-69.85	2.604	13.34	H
	5208	-56.68	-13	-43.68	-67.19	3.011	13.52	H
	6948	-56.29	-13	-43.29	-66.49	3.271	13.47	H
	3471	-59.52	-13	-46.52	-70.26	2.604	13.34	V
	5208	-56.47	-13	-43.47	-66.98	3.011	13.52	V
	6948	-55.92	-13	-42.92	-66.12	3.271	13.47	V

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