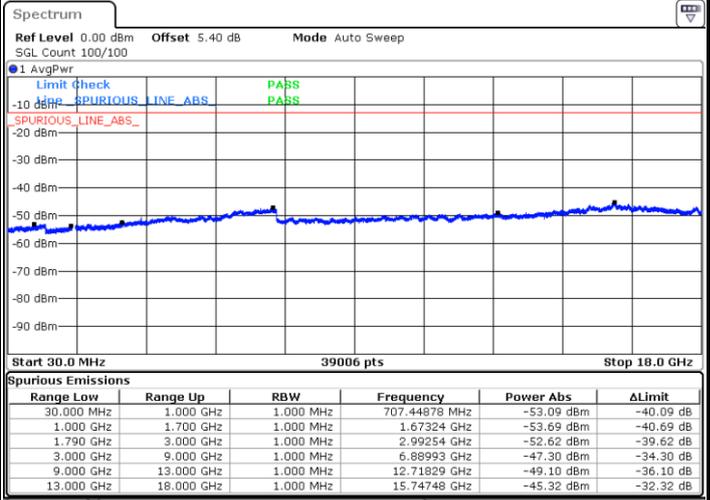
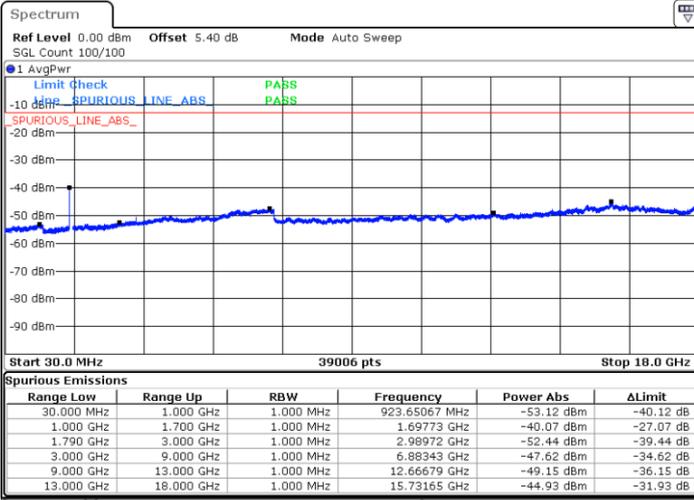




LTE Band 66 / 15MHz

Lowest Channel / 64QAM

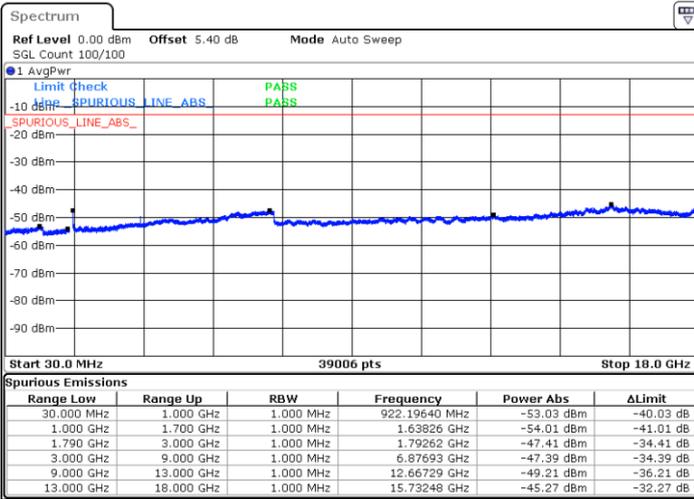
Middle Channel / 64QAM



Date: 13.NOV.2020 20:02:11

Date: 13.NOV.2020 20:03:18

Highest Channel / 64QAM



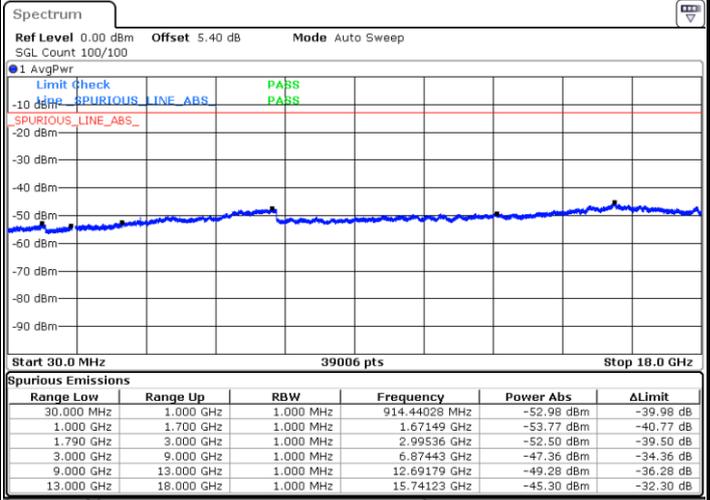
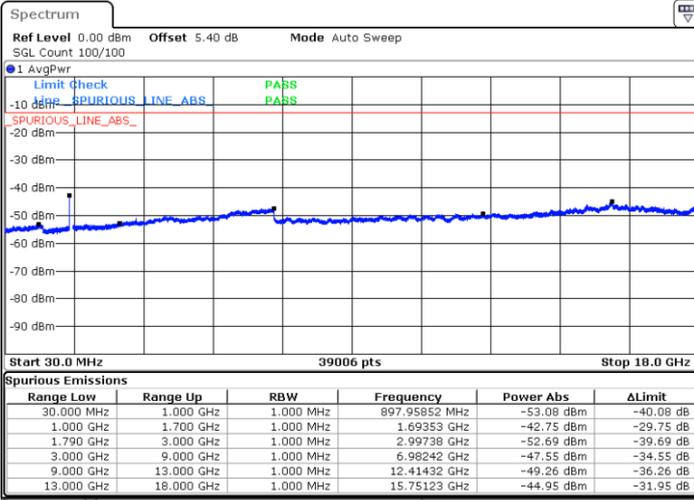
Date: 13.NOV.2020 20:07:23



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

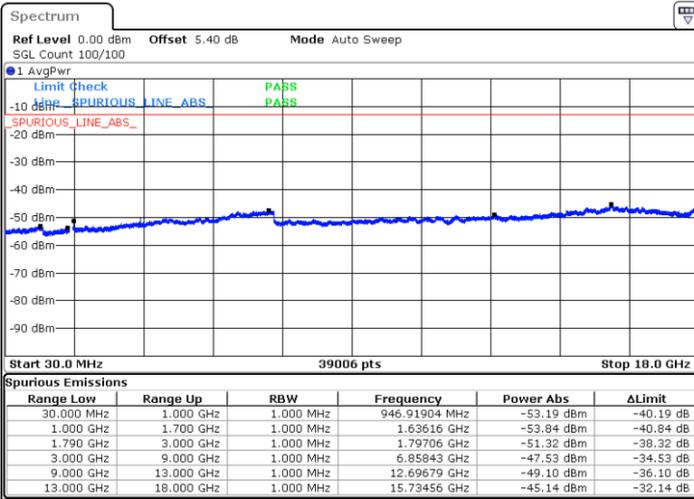
Middle Channel / 64QAM



Date: 13.NOV.2020 20:12:57

Date: 13.NOV.2020 20:13:59

Highest Channel / 64QAM



Date: 13.NOV.2020 20:17:23



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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0060	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.87V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
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	-50.44	-13	-37.44	-62.70	2.64	14.90	H
	5613.27	-52.19	-13	-39.19	-64.05	2.94	14.80	H
	7488	-50.07	-13	-37.07	-59.84	3.39	13.16	H
	3741	-46.49	-13	-33.49	-58.75	2.64	14.90	V
	5613	-51.67	-13	-38.67	-63.53	2.94	14.80	V
	7488	-50.16	-13	-37.16	-59.93	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK								
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	1664	-66.38	-13	-53.38	-73.35	1.58	10.70	H
	2496	-57.34	-13	-44.34	-65.59	2.102	12.50	H
	3330	-61.39	-13	-48.39	-70.28	2.856	13.90	H
	1664	-65.82	-13	-52.82	-72.79	1.58	10.70	V
	2496	-58.44	-13	-45.44	-66.69	2.10	12.50	V
	3330	-61.46	-13	-48.46	-70.35	2.86	13.90	V

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



LTE Band 12 / 10MHz / 16QAM								
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	1406	-50.62	-13	-37.62	-57.59	1.58	10.70	H
	2110	-54.35	-13	-41.35	-62.60	2.102	12.50	H
	2812	-60.82	-13	-47.82	-69.71	2.856	13.90	H
	3516	-60.49	-13	-47.49	-70.45	3.46	15.57	H
	1406	-46.98	-13	-33.98	-53.95	1.58	10.70	V
	2110	-52.06	-13	-39.06	-60.31	2.10	12.50	V
	2812	-60.38	-13	-47.38	-69.27	2.86	13.90	V
	3516	-60.96	-13	-47.96	-70.92	3.46	15.57	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-57.14	-13	-44.14	-67.88	2.604	13.34	H
	5208	-51.84	-13	-38.84	-62.35	3.011	13.52	H
	6948	-49.83	-13	-36.83	-60.03	3.271	13.47	H
	3471	-56.86	-13	-43.86	-67.60	2.604	13.34	V
	5208	-52.18	-13	-39.18	-62.69	3.011	13.52	V
	6948	-50.02	-13	-37.02	-60.22	3.271	13.47	V

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