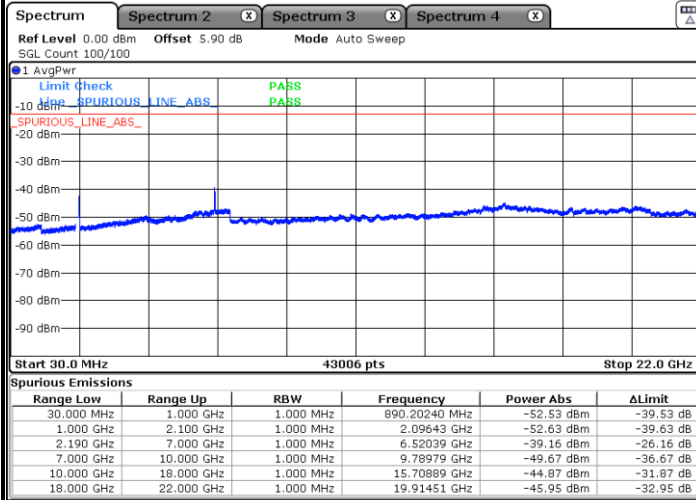




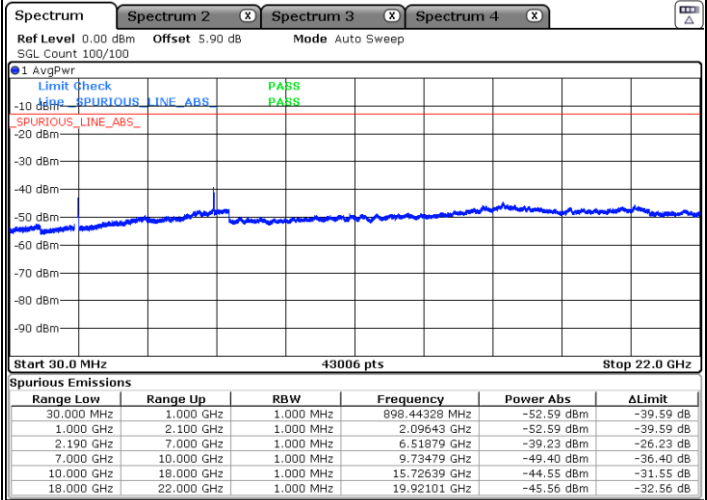
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 30.SEP.2020 21:16:19

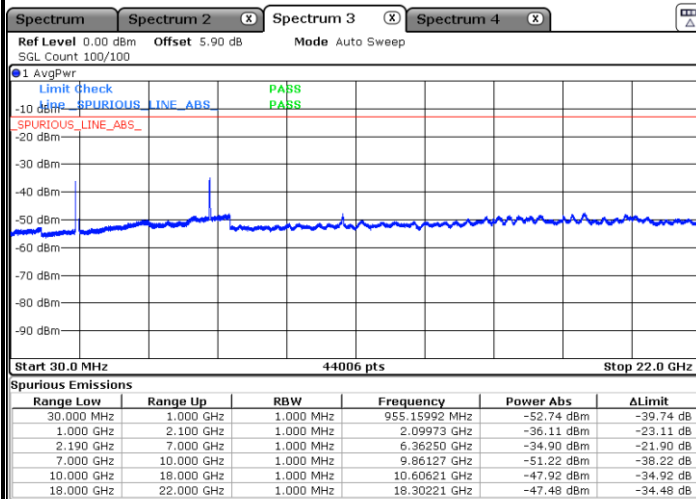
Highest Channel / 16QAM



Date: 30.SEP.2020 21:21:53

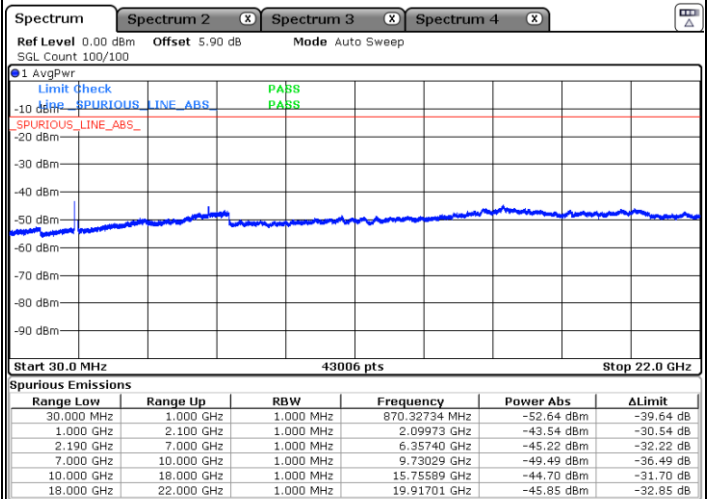
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 15.OCT.2020 13:05:35

Lowest Channel / 16QAM

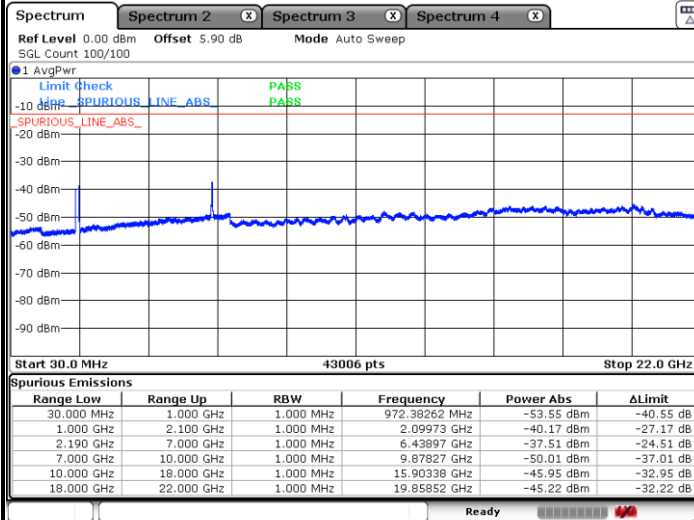


Date: 30.SEP.2020 21:33:08



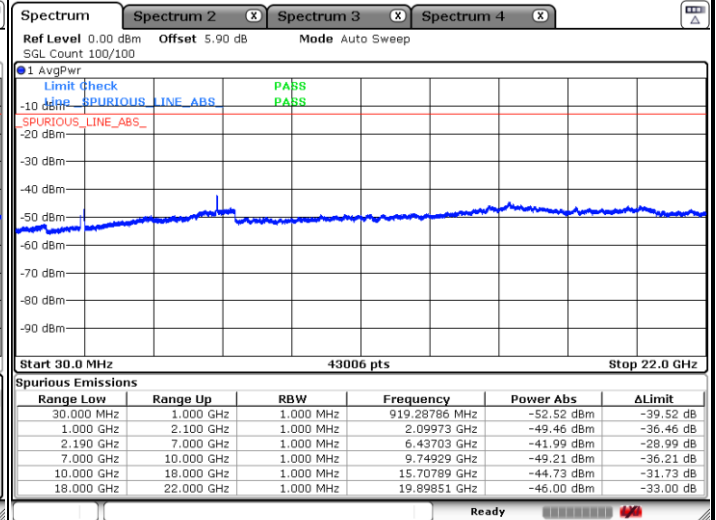
LTE Band 66 / 20MHz

Middle Channel / QPSK



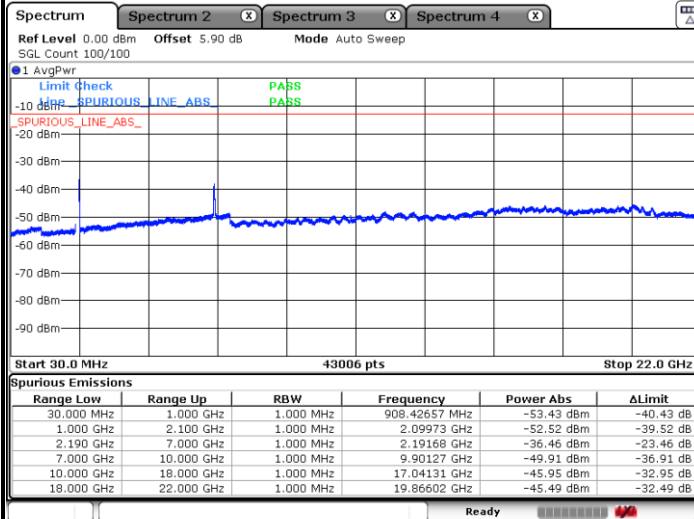
Date: 14.OCT.2020 20:42:44

Middle Channel / 16QAM



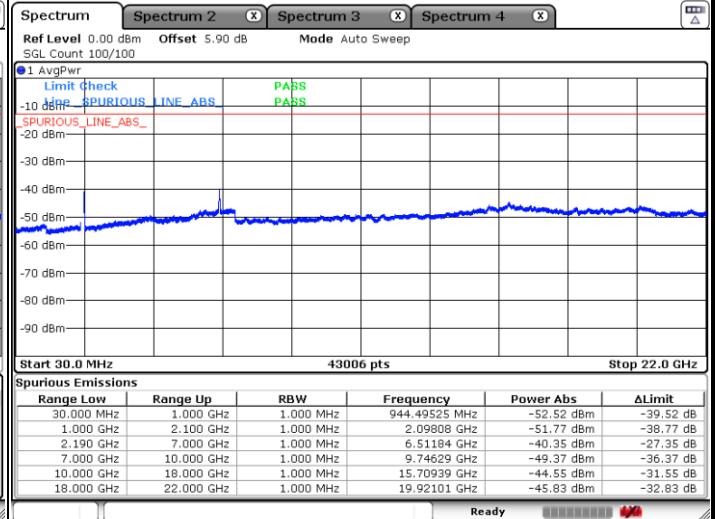
Date: 30.SEP.2020 22:03:58

Highest Channel / QPSK



Date: 14.OCT.2020 20:47:16

Highest Channel / 16QAM

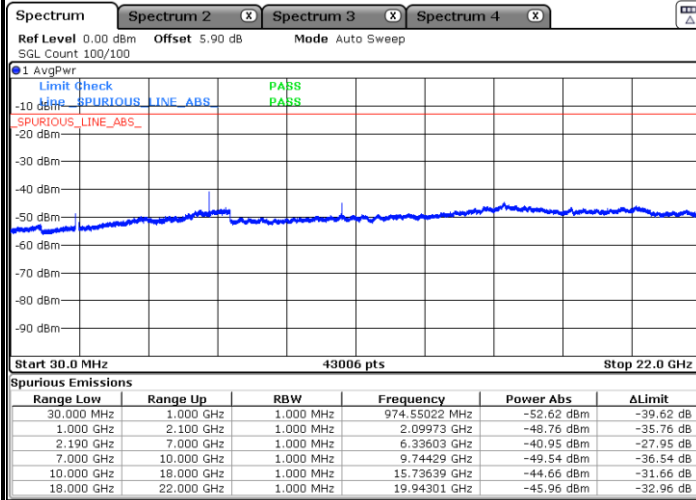


Date: 30.SEP.2020 22:21:09



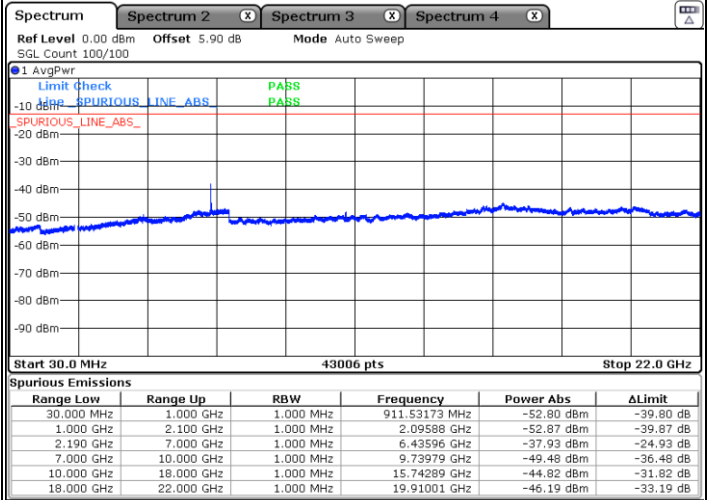
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



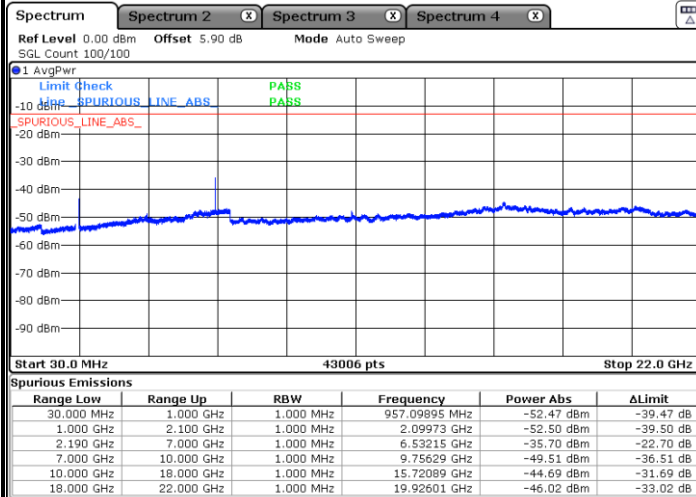
Date: 30.SEP.2020 18:48:52

Middle Channel / 64QAM



Date: 30.SEP.2020 19:04:24

Highest Channel / 64QAM

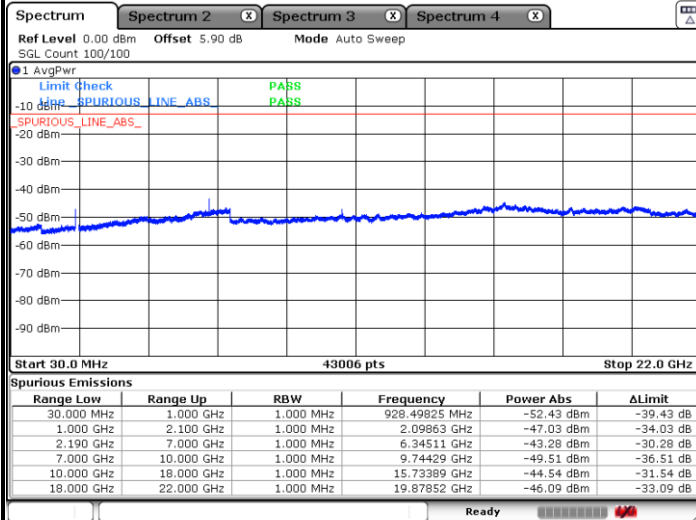


Date: 30.SEP.2020 19:30:23



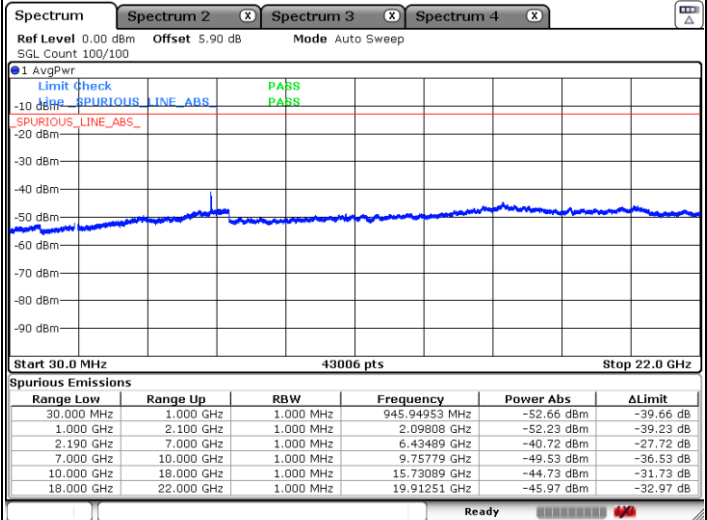
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



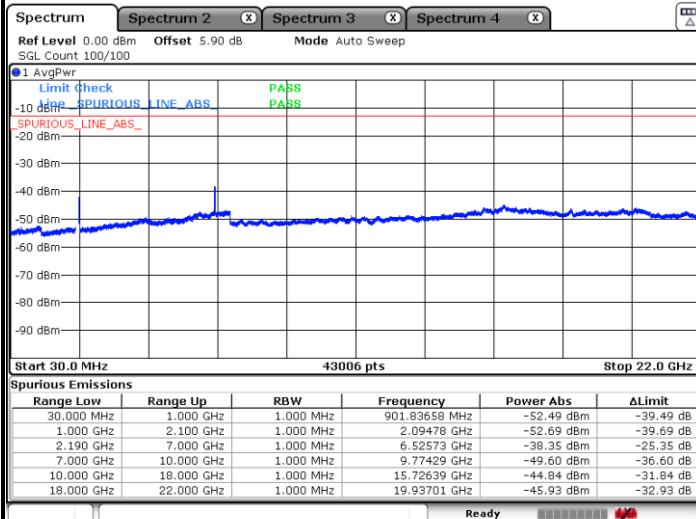
Date: 30.SEP.2020 19:51:35

Middle Channel / 64QAM



Date: 30.SEP.2020 20:06:35

Highest Channel / 64QAM

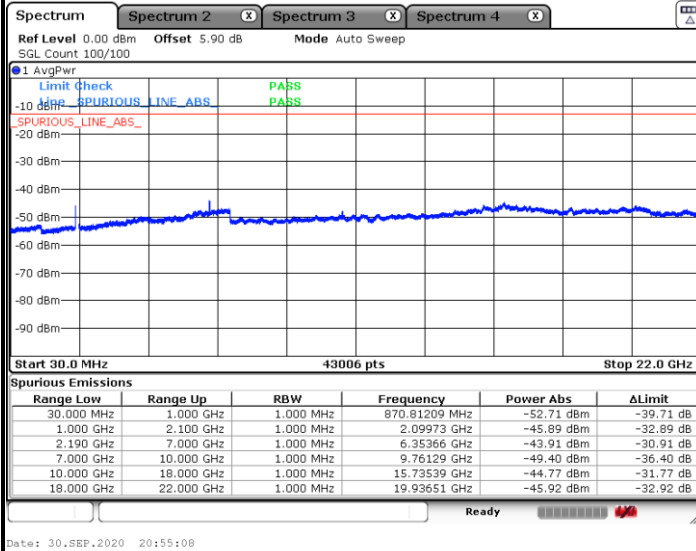


Date: 30.SEP.2020 20:28:01

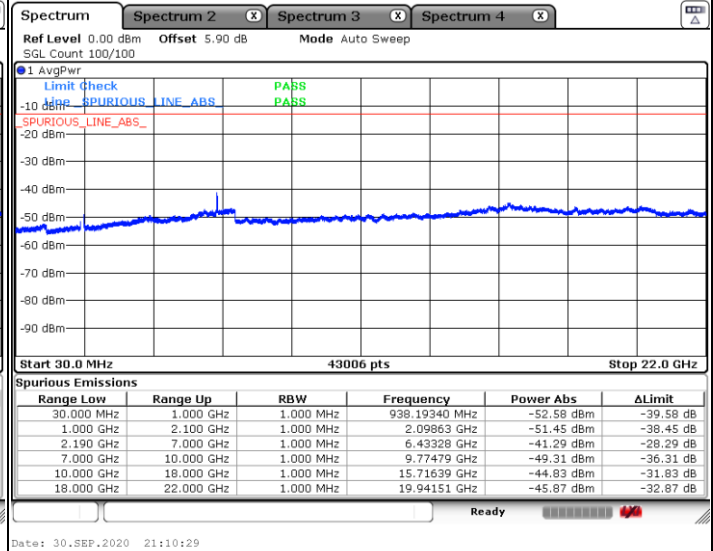


LTE Band 66 / 15MHz

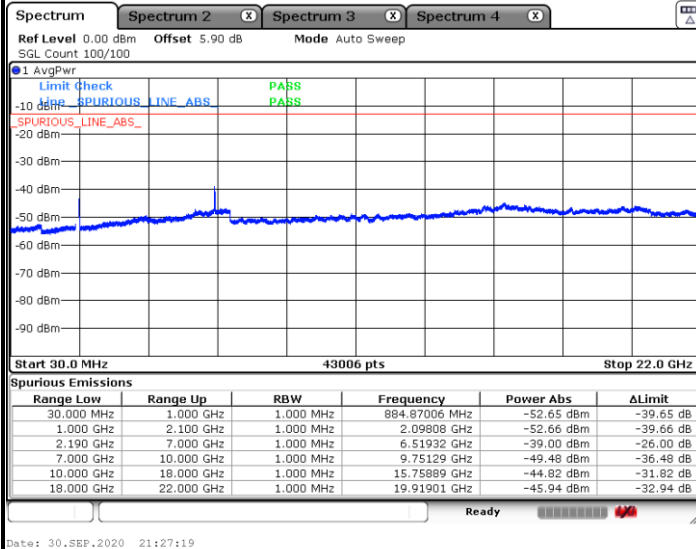
Lowest Channel / 64QAM



Middle Channel / 64QAM



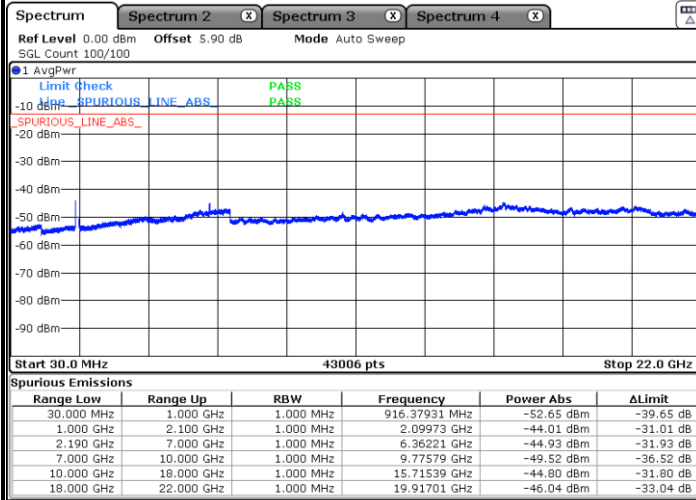
Highest Channel / 64QAM





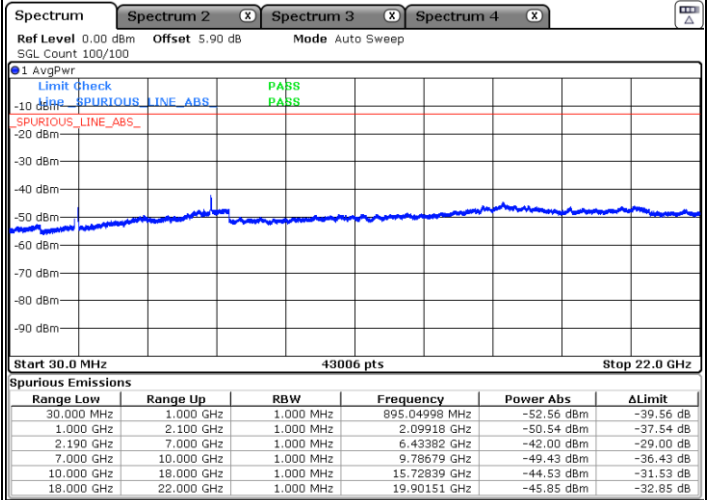
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



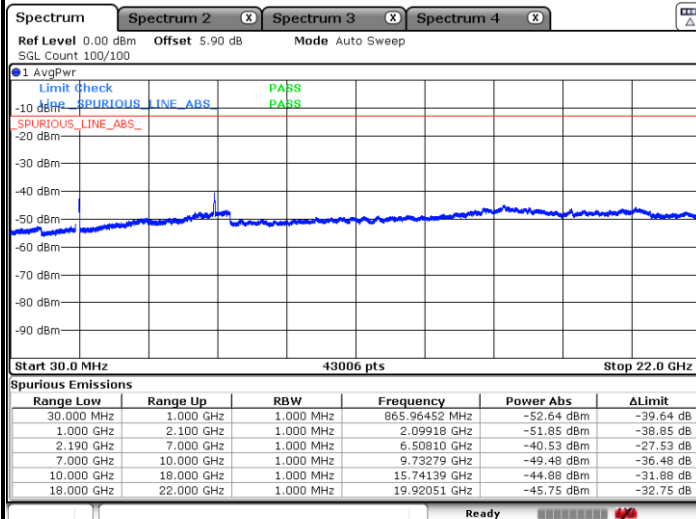
Date: 30.SEP.2020 21:40:09

Middle Channel / 64QAM



Date: 30.SEP.2020 22:09:17

Highest Channel / 64QAM



Date: 30.SEP.2020 22:15:10

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	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =12 V. ; Battery End Point (BEP) =10.5 V. ; Maximum Voltage =13.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	4272	-55.43	-13	-42.43	-62.12	1.75	8.44	H
	6408	-50.01	-13	-37.01	-58.43	1.94	10.36	H
	8544	-48.30	-13	-35.30	-57.54	2.47	11.71	H
	4272	-55.05	-13	-42.05	-61.74	1.75	8.44	V
	6408	-49.78	-13	-36.78	-58.20	1.94	10.36	V
	8544	-48.45	-13	-35.45	-57.69	2.47	11.71	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1494	-67.48	-13	-54.48	-70.11	1.09	5.87	H
	2240	-67.00	-13	-54.00	-69.40	1.37	5.92	H
	2986	-64.88	-13	-51.88	-68.77	1.64	7.68	H
	1494	-67.66	-13	-54.66	-70.29	1.09	5.87	V
	2240	-66.28	-13	-53.28	-68.68	1.37	5.92	V
	2986	-64.68	-13	-51.68	-68.57	1.64	7.68	V

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