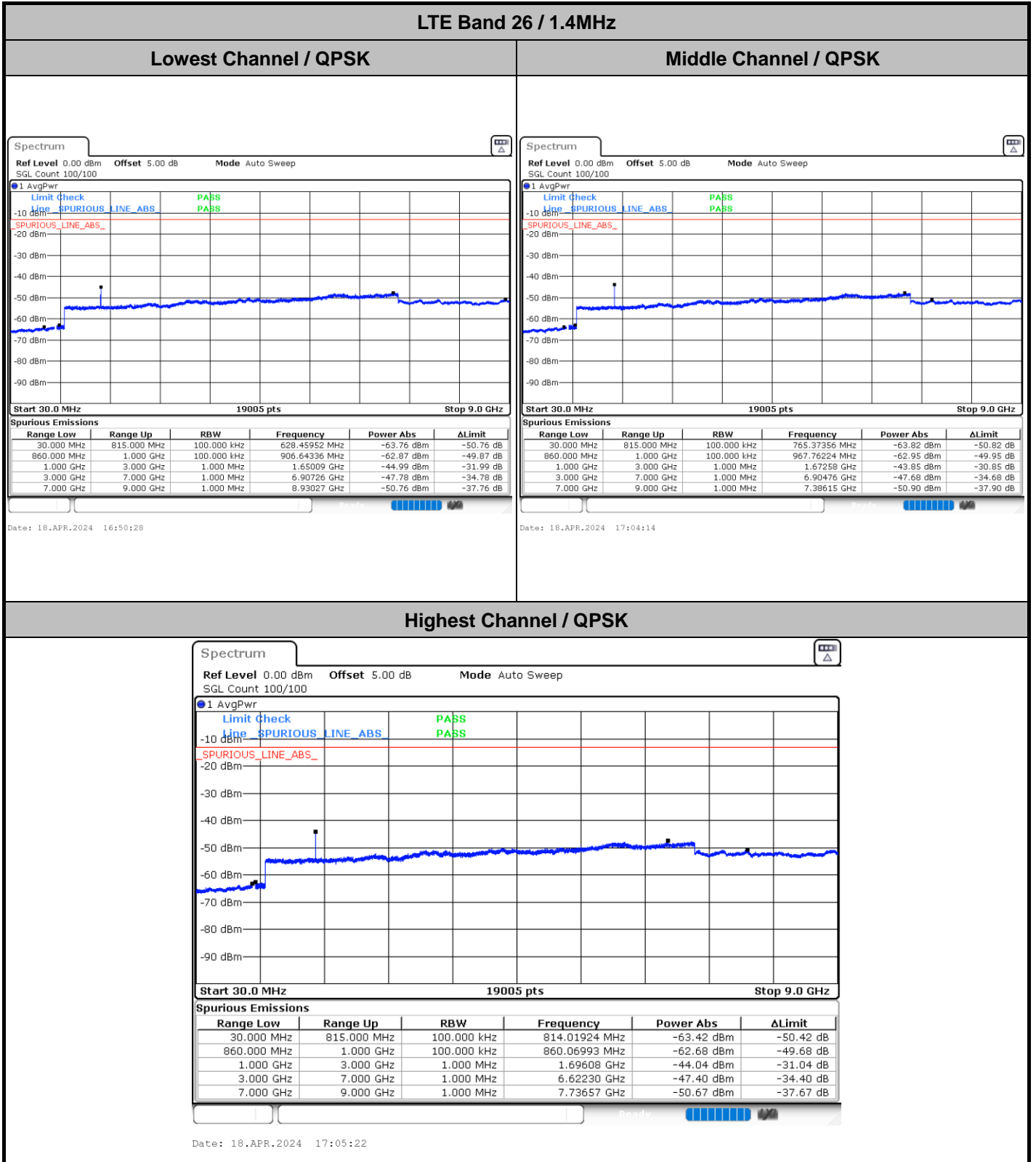




Conducted Spurious Emission

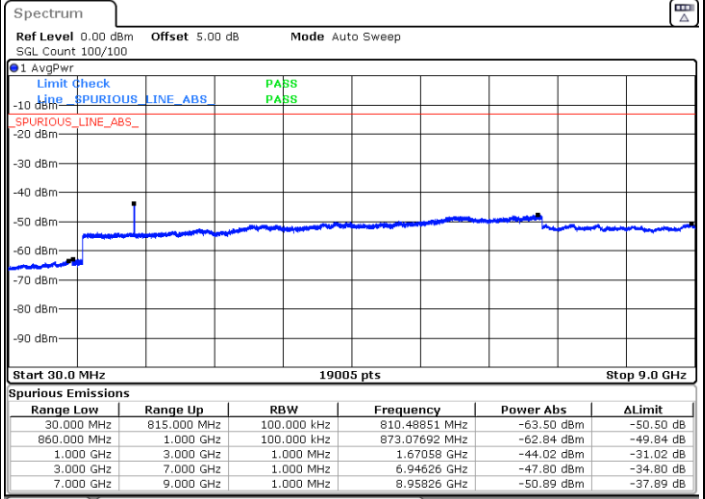
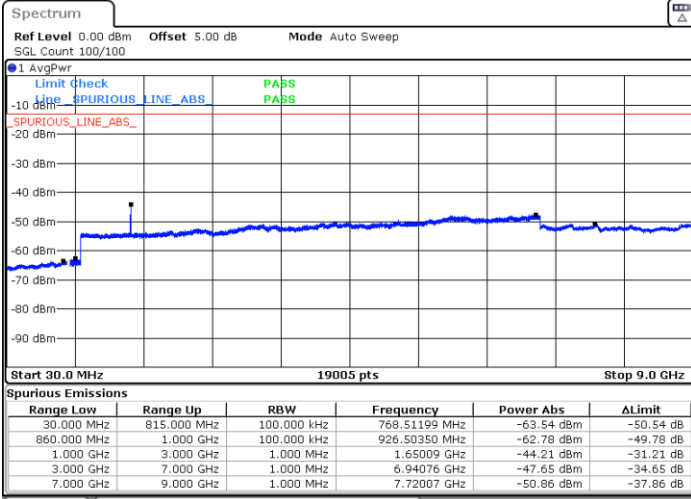




LTE Band 26 / 3MHz

Lowest Channel / QPSK

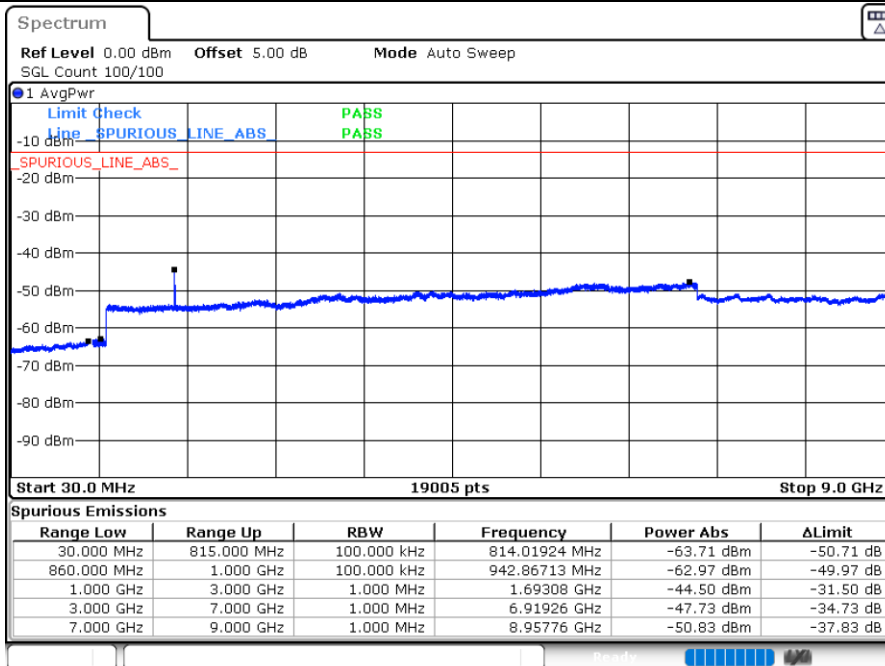
Middle Channel / QPSK



Date: 18.APR.2024 17:25:34

Date: 18.APR.2024 17:42:24

Highest Channel / QPSK



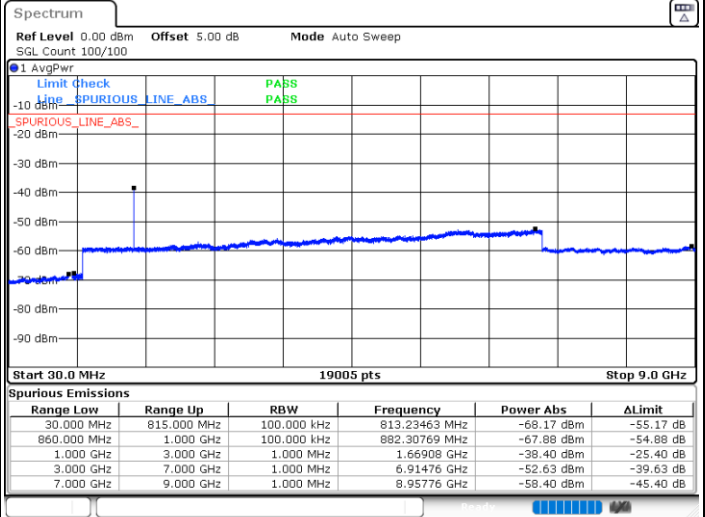
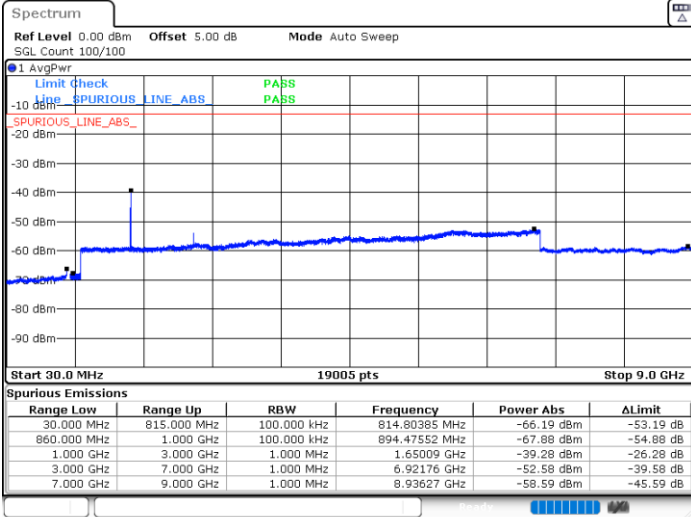
Date: 18.APR.2024 17:50:26



LTE Band 26 / 5MHz

Lowest Channel / QPSK

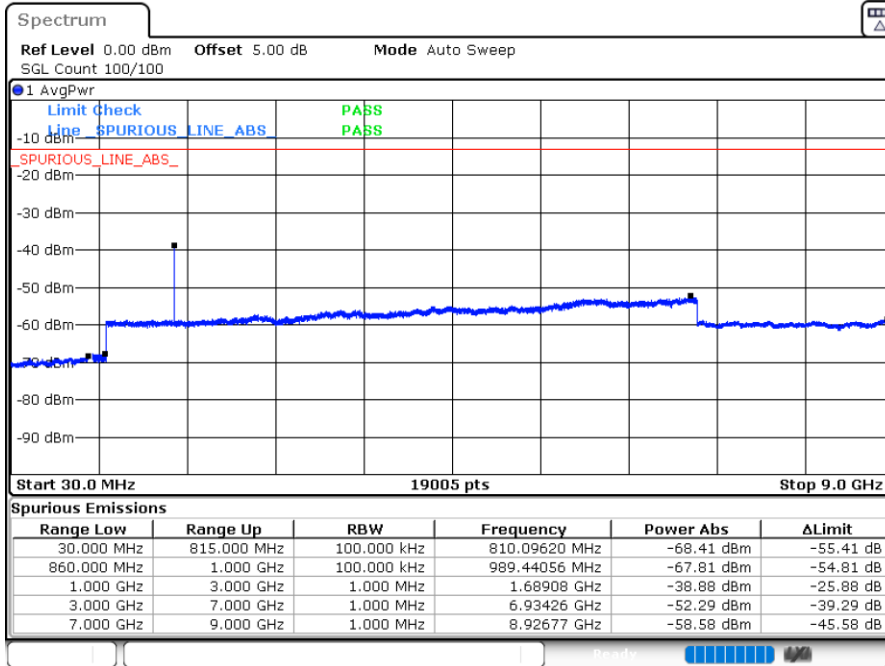
Middle Channel / QPSK



Date: 18.APR.2024 18:14:05

Date: 18.APR.2024 18:24:17

Highest Channel / QPSK



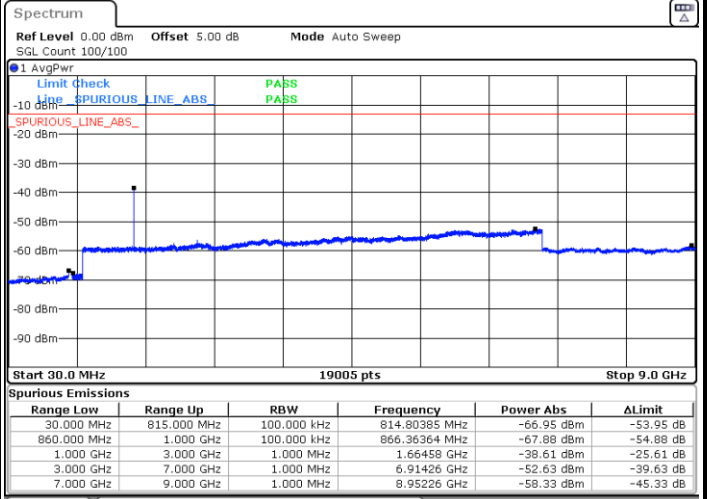
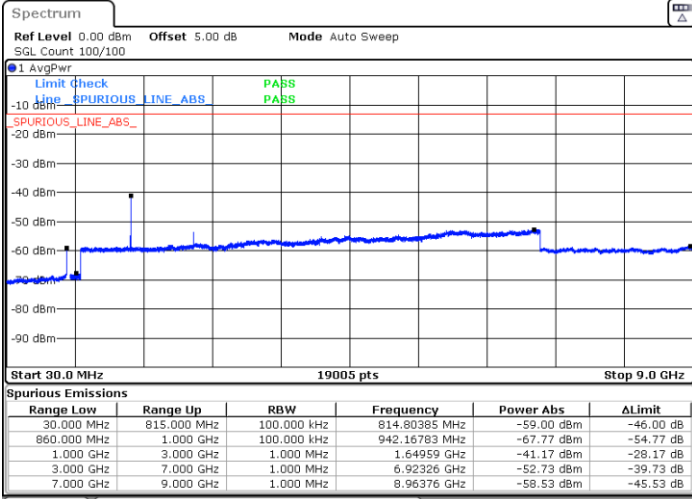
Date: 18.APR.2024 18:25:29



LTE Band 26 / 10MHz

Lowest Channel / QPSK

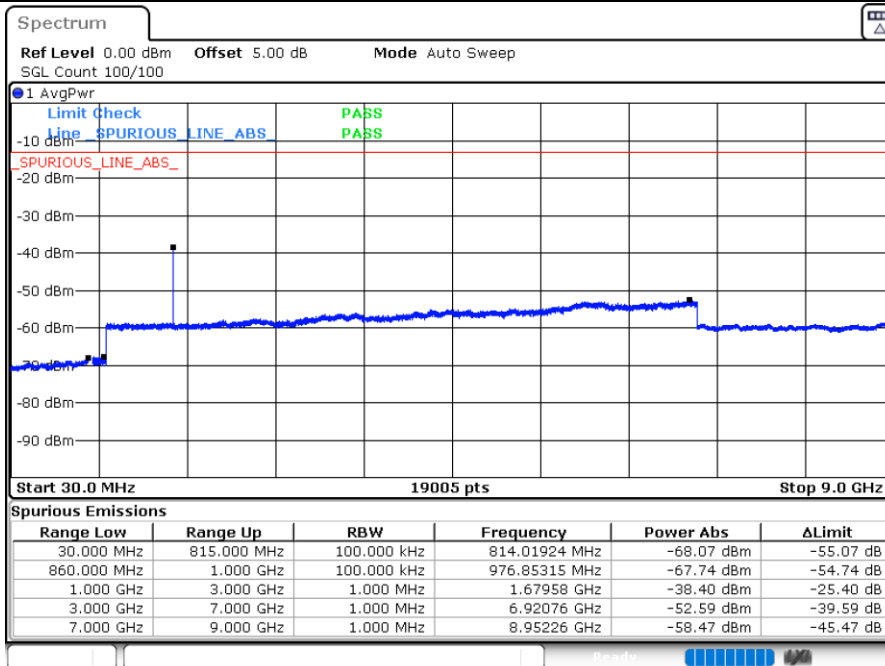
Middle Channel / QPSK



Date: 18.APR.2024 18:34:42

Date: 18.APR.2024 18:45:42

Highest Channel / QPSK



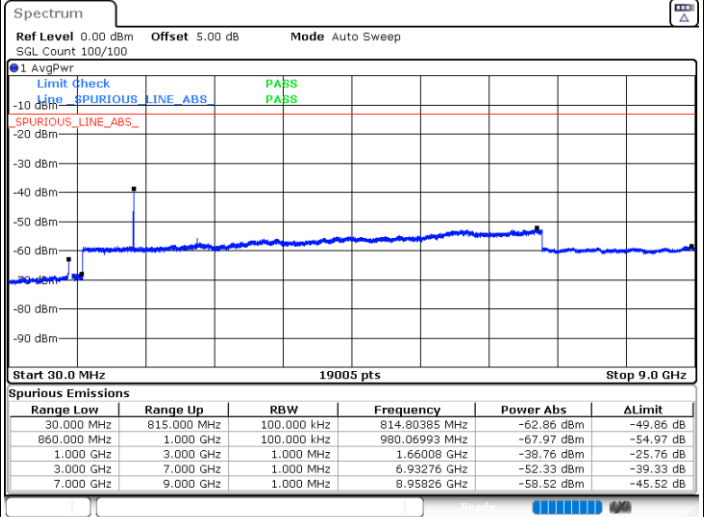
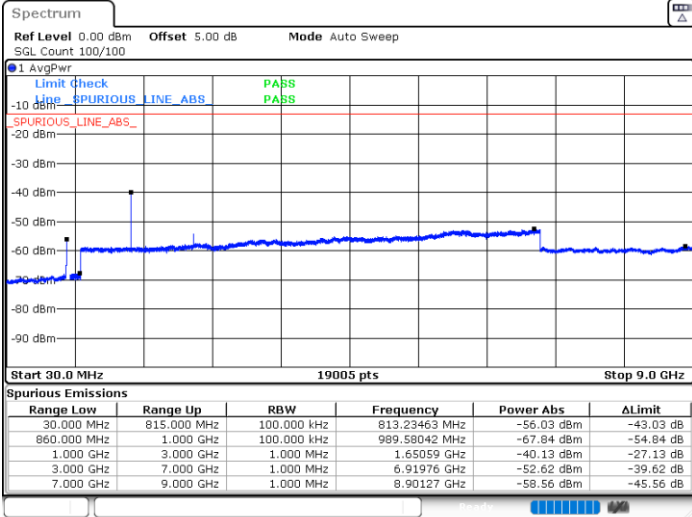
Date: 18.APR.2024 18:54:14



LTE Band 26 / 15MHz

Lowest Channel / QPSK

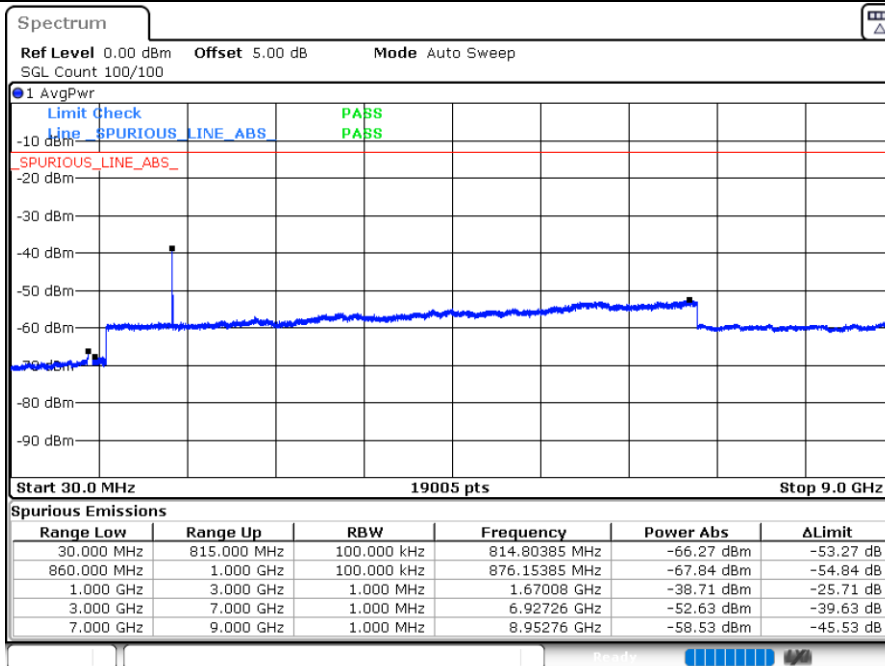
Middle Channel / QPSK



Date: 18.APR.2024 19:02:36

Date: 18.APR.2024 19:09:09

Highest Channel / QPSK



Date: 18.APR.2024 19:19:38



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PAS S
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note: Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

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	-68.27	-13	-55.27	-75.24	1.58	10.70	H
	2112	-62.98	-13	-49.98	-71.23	2.102	12.50	H
	2816	-60.34	-13	-47.34	-69.23	2.856	13.90	H
	1408	-67.90	-13	-54.90	-74.87	1.58	10.70	V
	2112	-61.97	-13	-48.97	-70.22	2.10	12.50	V
	2816	-59.70	-13	-46.70	-68.59	2.86	13.90	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	1656	-65.82	-13	-52.82	-72.79	1.58	10.70	H
	2488	-61.73	-13	-48.73	-69.98	2.102	12.50	H
	3320	-61.15	-13	-48.15	-70.04	2.856	13.90	H
	1656	-65.03	-13	-52.03	-72.00	1.58	10.70	V
	2488	-60.01	-13	-47.01	-68.26	2.10	12.50	V
	3320	-61.32	-13	-48.32	-70.21	2.86	13.90	V

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