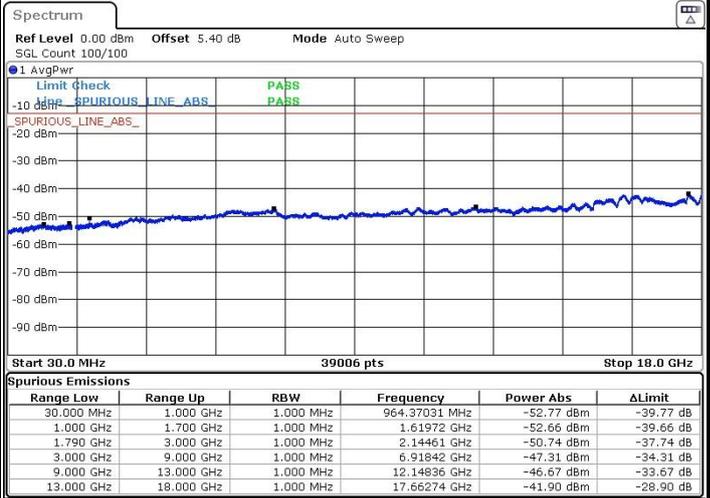
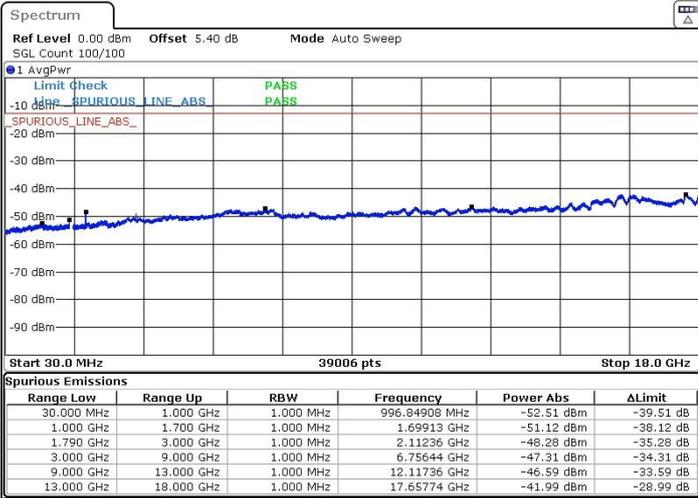




LTE Band 66 / 3MHz

Lowest Channel / QPSK

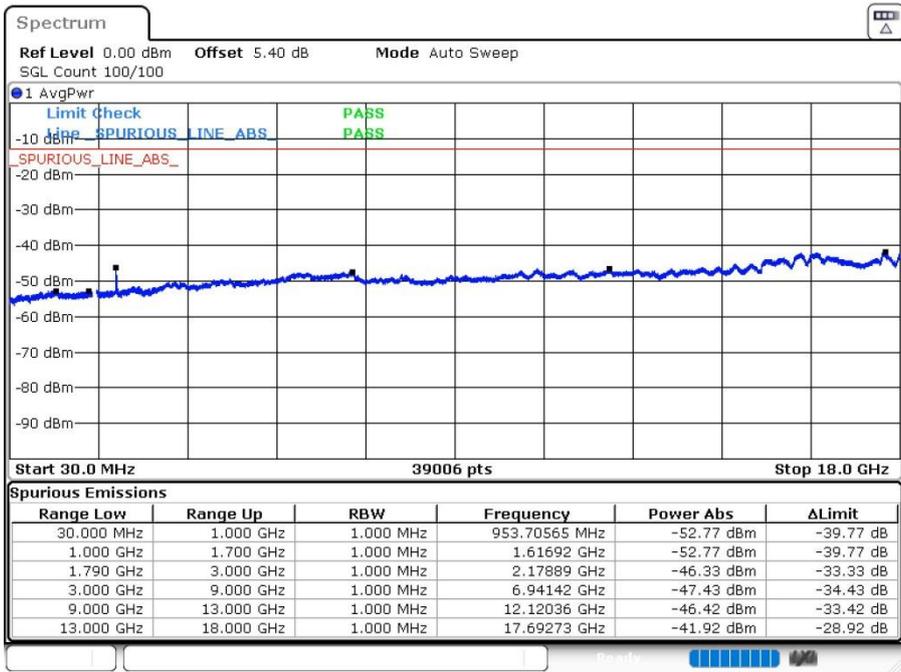
Middle Channel / QPSK



Date: 27.OCT.2021 14:53:09

Date: 27.OCT.2021 14:54:52

Highest Channel / QPSK



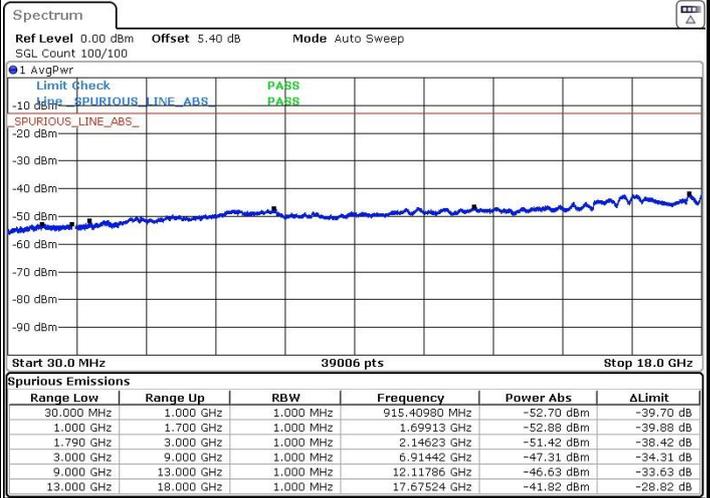
Date: 27.OCT.2021 14:56:48



LTE Band 66 / 5MHz

Lowest Channel / QPSK

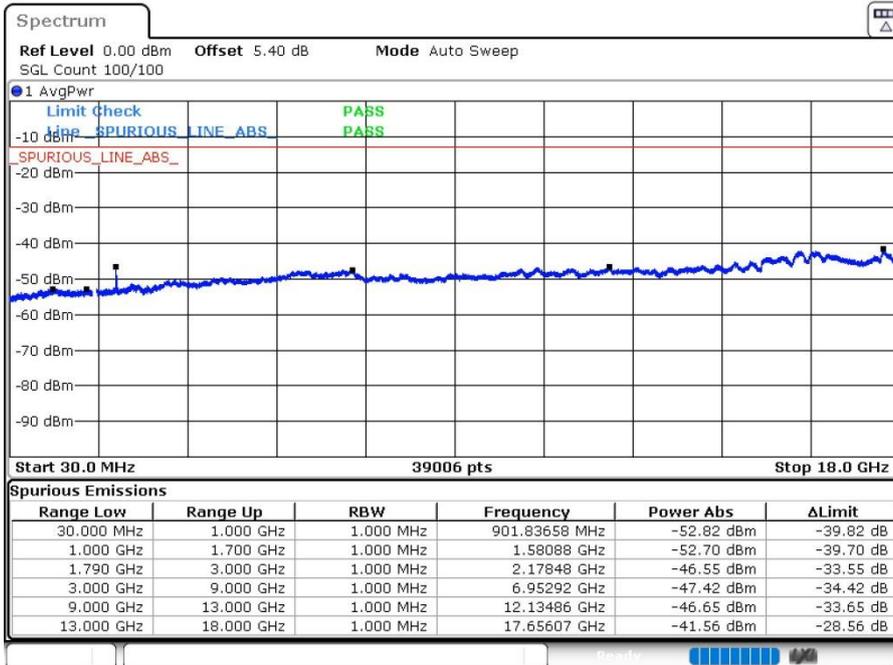
Middle Channel / QPSK



Date: 27.OCT.2021 15:06:50

Date: 27.OCT.2021 15:08:45

Highest Channel / QPSK



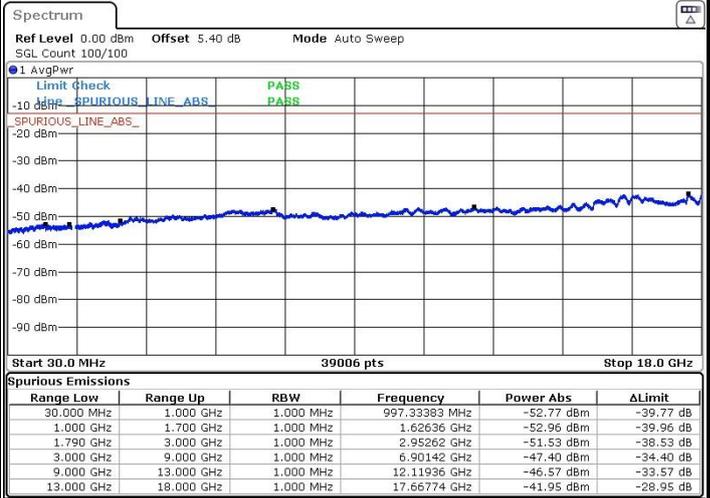
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LTE Band 66 / 10MHz

Lowest Channel / QPSK

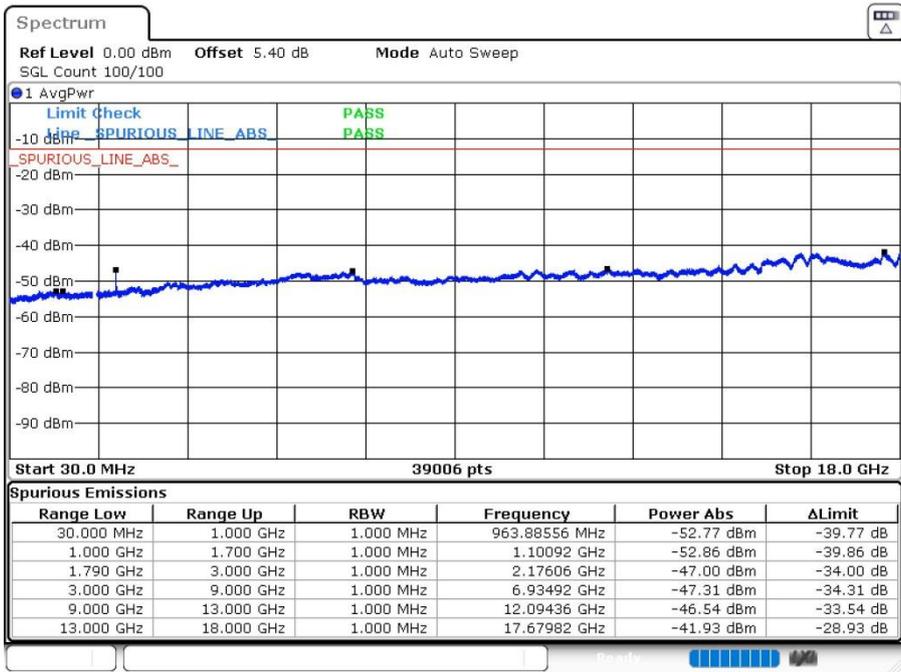
Middle Channel / QPSK



Date: 27.OCT.2021 15:18:10

Date: 27.OCT.2021 15:19:21

Highest Channel / QPSK



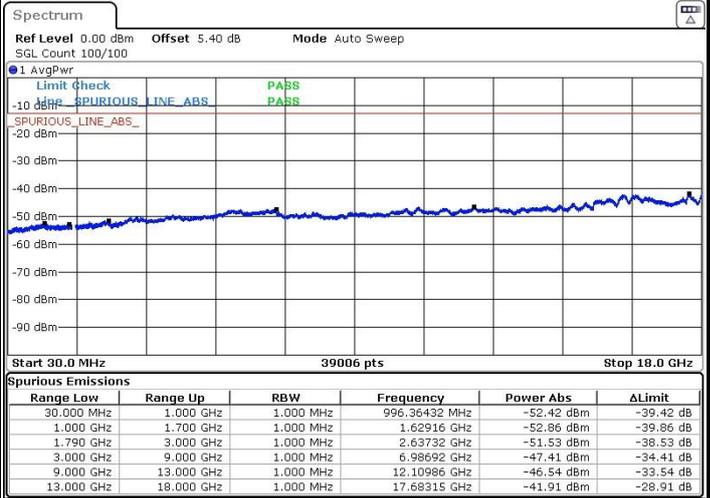
Date: 27.OCT.2021 15:20:52



LTE Band 66 / 15MHz

Lowest Channel / QPSK

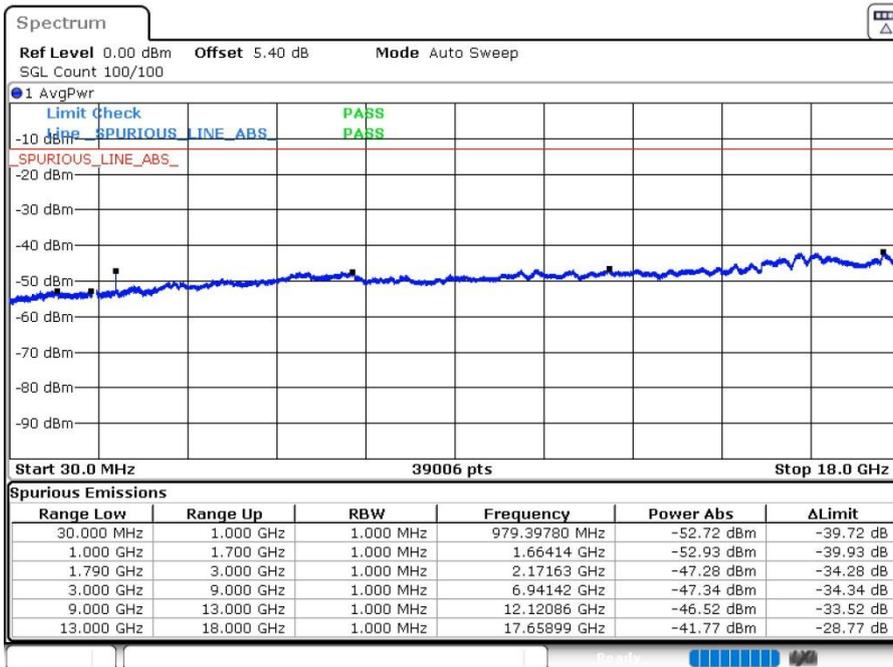
Middle Channel / QPSK



Date: 27.OCT.2021 15:27:12

Date: 27.OCT.2021 15:28:48

Highest Channel / QPSK

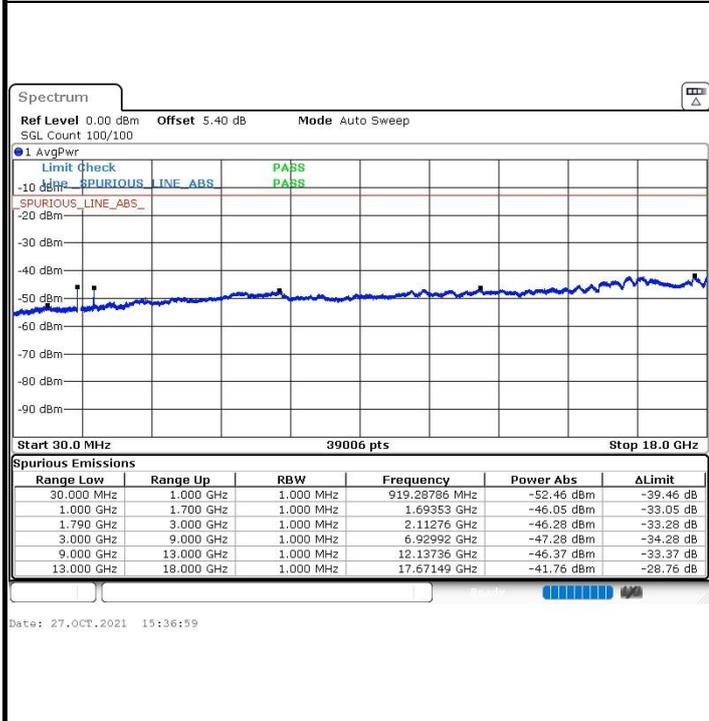


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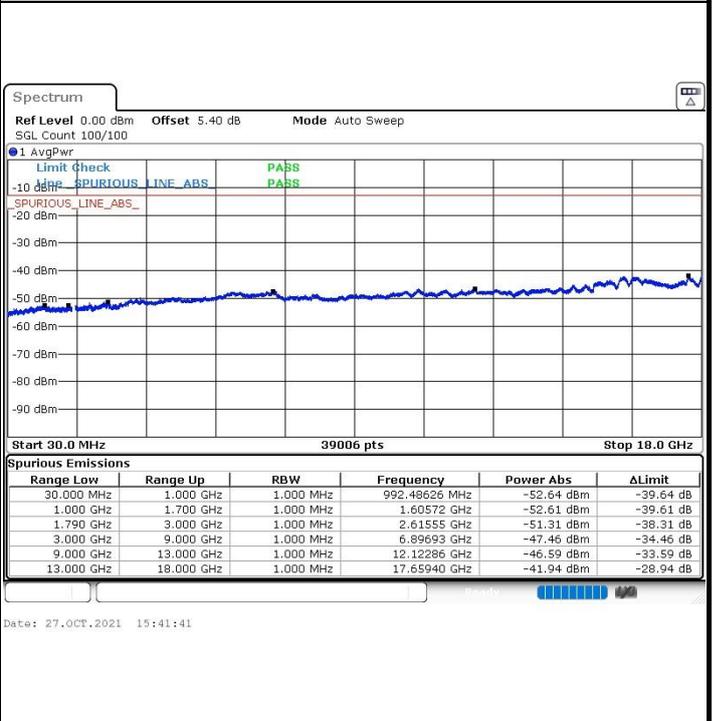


**LTE Band 66 / 20MHz**

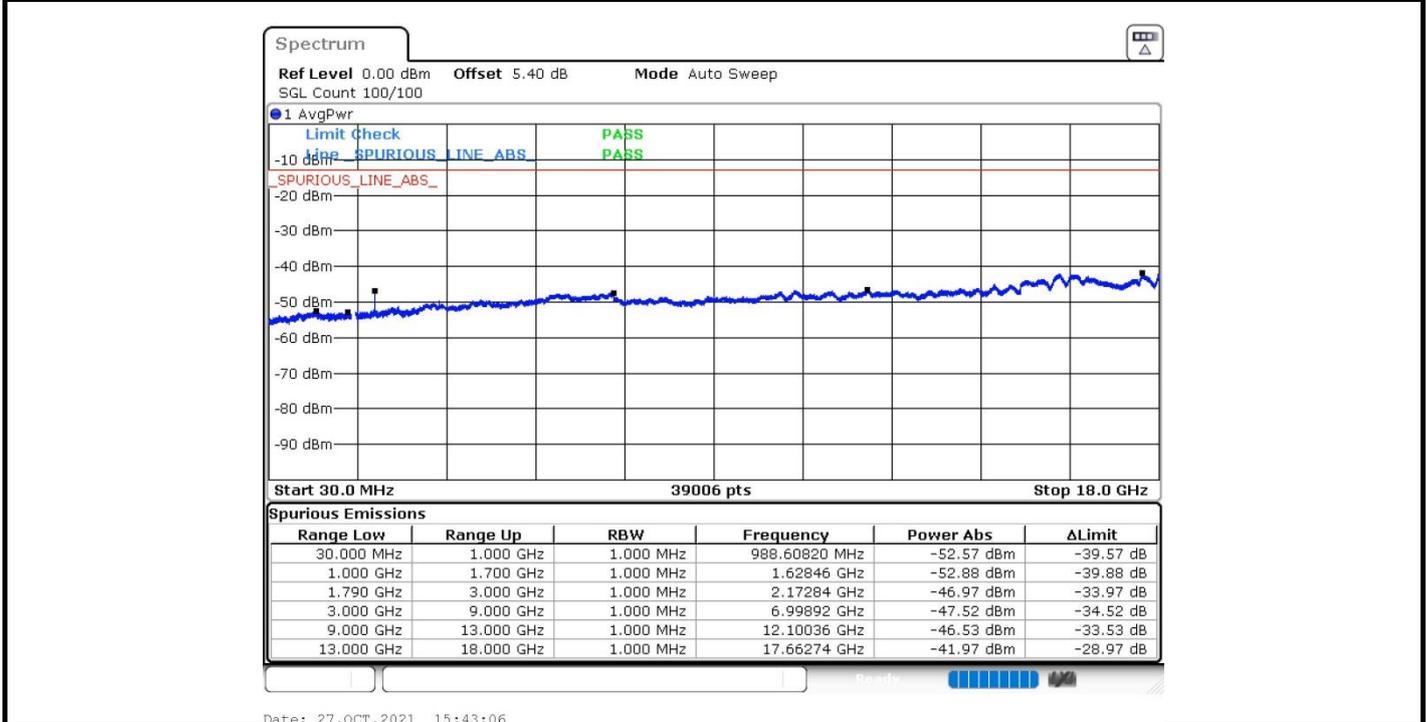
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





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	0.0015	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 :	22~23°C
		Relative Humidity :	41~42%

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

LTE Band 12 / 10MHz / QPSK for Ant.0								
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	1406	-68.43	-13	-55.43	-75.40	1.58	10.70	H
	2110	-63.00	-13	-50.00	-71.25	2.10	12.50	H
	2816	-60.84	-13	-47.84	-69.73	2.86	13.90	H
	3516	-61.50	-13	-48.50	-69.19	3.46	13.30	H
	1406	-68.62	-13	-55.62	-75.59	1.58	10.70	V
	2110	-63.84	-13	-50.84	-72.09	2.10	12.50	V
	2816	-61.18	-13	-48.18	-70.07	2.86	13.90	V
	3516	-60.91	-13	-47.91	-68.60	3.46	13.30	V

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

LTE Band 13 / 5MHz / QPSK for Ant.1								
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	-67.99	-42.15	-25.84	-70.62	1.09	5.87	H
	2340	-61.50	-13	-48.50	-63.90	1.37	5.92	H
	3120	-61.32	-13	-48.32	-65.21	1.64	7.68	H
	1560	-67.53	-42.15	-25.38	-70.16	1.09	5.87	V
	2340	-57.65	-13	-44.65	-60.05	1.37	5.92	V
	3120	-61.17	-13	-48.17	-65.06	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK for Ant.1								
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	1556	-68.23	-13	-55.23	-70.86	1.09	5.87	H
	2332	-60.21	-13	-47.21	-62.61	1.37	5.92	H
	3108	-60.78	-13	-47.78	-64.67	1.64	7.68	H
	1556	-67.56	-13	-54.56	-70.19	1.09	5.87	V
	2332	-55.65	-13	-42.65	-58.05	1.37	5.92	V
	3108	-60.59	-13	-47.59	-64.48	1.64	7.68	V

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



LTE Band 25 / 20MHz / QPSK for Ant.3								
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	3747	-54.34	-13	-41.34	-66.60	2.64	14.90	H
	5622	-57.26	-13	-44.26	-69.12	2.94	14.80	H
	7500	-54.92	-13	-41.92	-64.69	3.39	13.16	H
	3747	-54.16	-13	-41.16	-66.42	2.64	14.90	V
	5622	-57.86	-13	-44.86	-69.72	2.94	14.80	V
	7500	-54.88	-13	-41.88	-64.65	3.39	13.16	V

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

LTE Band 26 / 15MHz / 64QAM for Ant.0								
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	-66.11	-13	-53.11	-73.08	1.58	10.70	H
	2490	-61.96	-13	-48.96	-70.21	2.102	12.50	H
	3318	-62.00	-13	-49.00	-70.89	2.856	13.90	H
	1660	-65.47	-13	-52.47	-72.44	1.58	10.70	V
	2490	-60.19	-13	-47.19	-68.44	2.10	12.50	V
	3318	-61.94	-13	-48.94	-70.83	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK for Ant.3								
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	3492	-49.99	-13	-36.99	-60.73	2.604	13.34	H
	5238	-57.45	-13	-44.45	-67.96	3.011	13.52	H
	6984	-55.70	-13	-42.70	-65.90	3.271	13.47	H
	3492	-50.61	-13	-37.61	-61.35	2.604	13.34	V
	5238	-55.35	-13	-42.35	-65.86	3.011	13.52	V
	6984	-55.32	-13	-42.32	-65.52	3.271	13.47	V

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