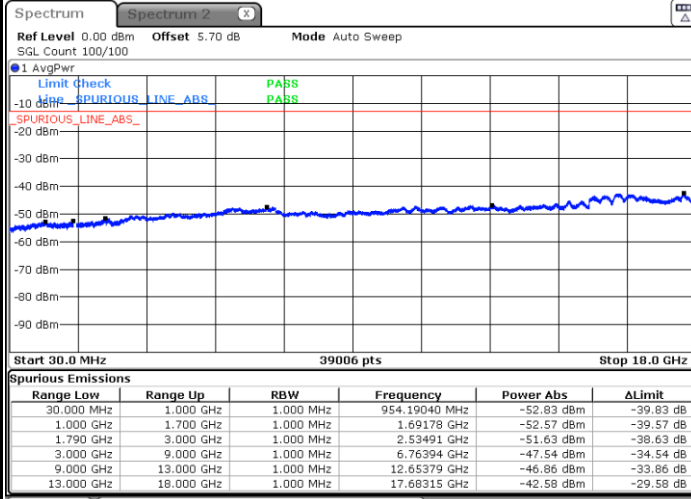




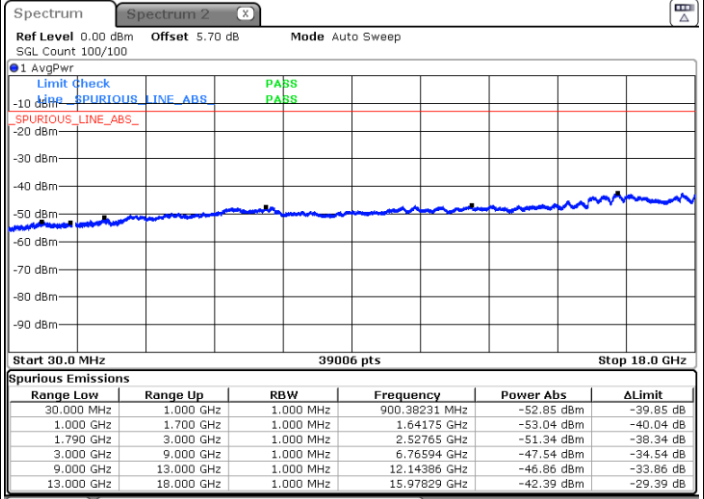
LTE Band 66 / 3MHz

Lowest Channel / QPSK



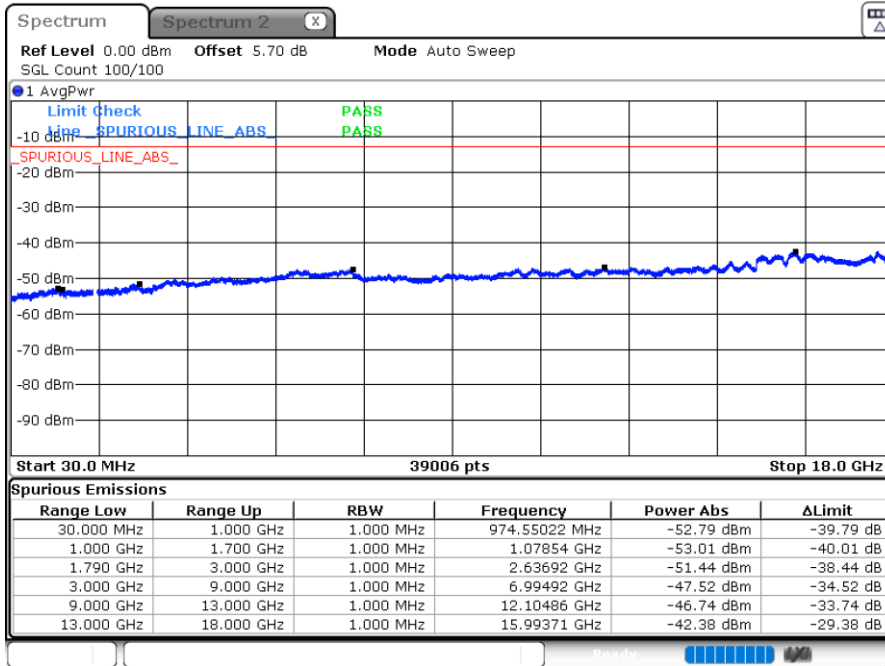
Date: 22.APR.2024 21:17:07

Middle Channel / QPSK



Date: 22.APR.2024 21:14:31

Highest Channel / QPSK



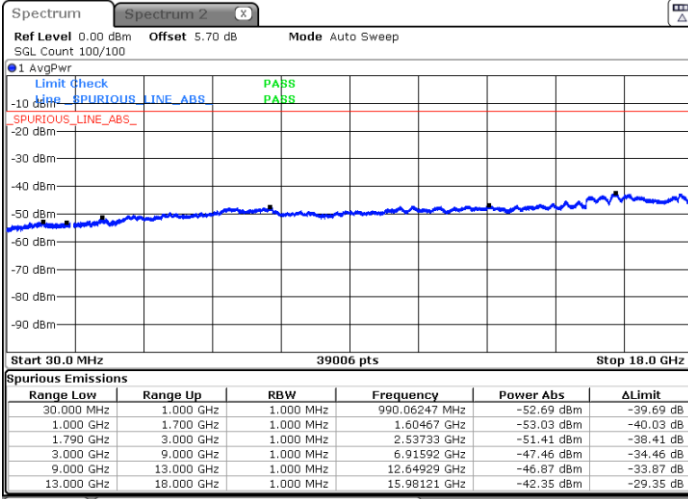
Date: 22.APR.2024 21:29:16



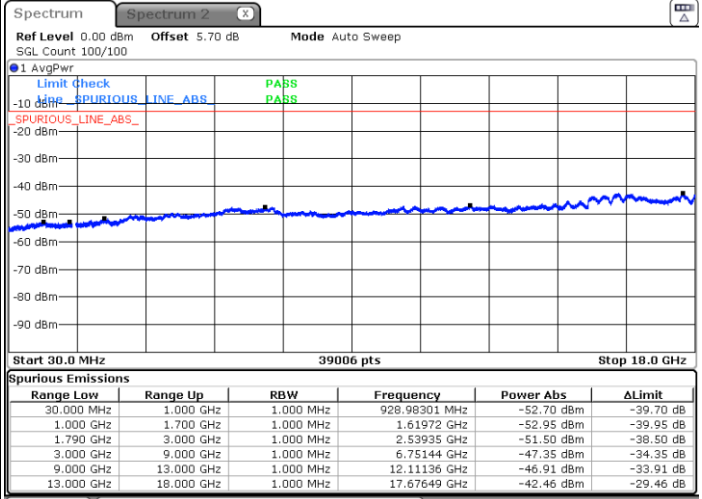
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

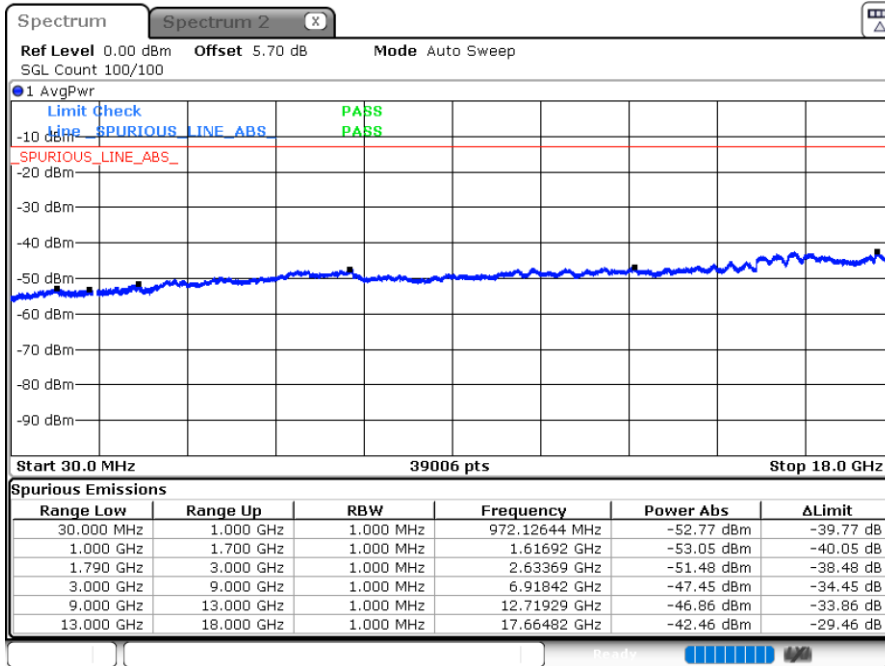


Date: 22.APR.2024 21:46:04



Date: 22.APR.2024 21:43:14

Highest Channel / QPSK



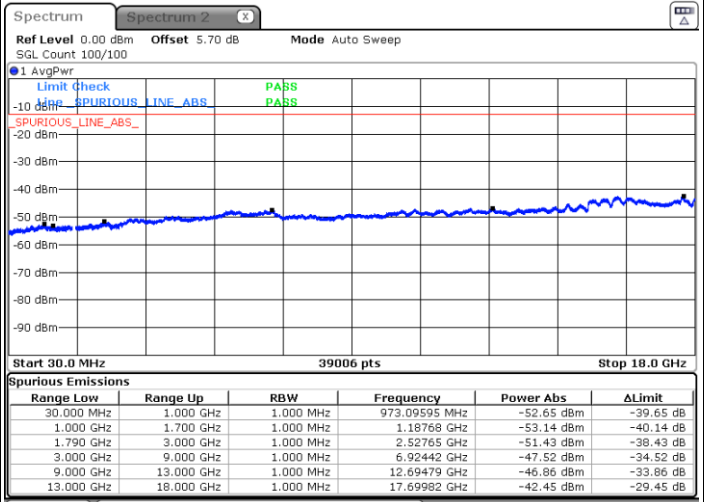
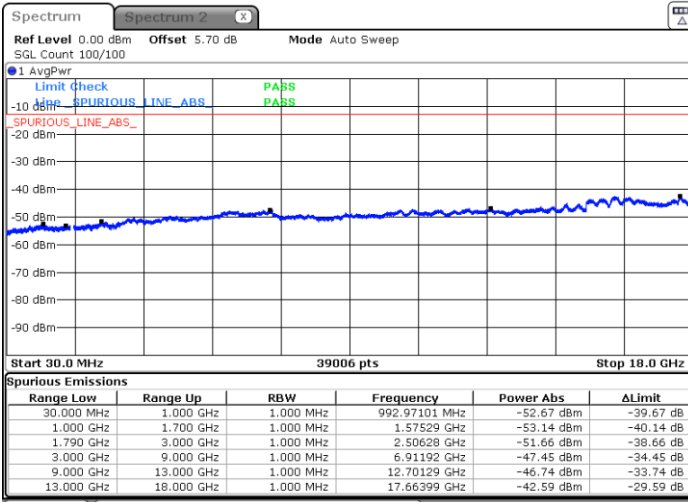
Date: 22.APR.2024 21:57:05



LTE Band 66 / 10MHz

Lowest Channel / QPSK

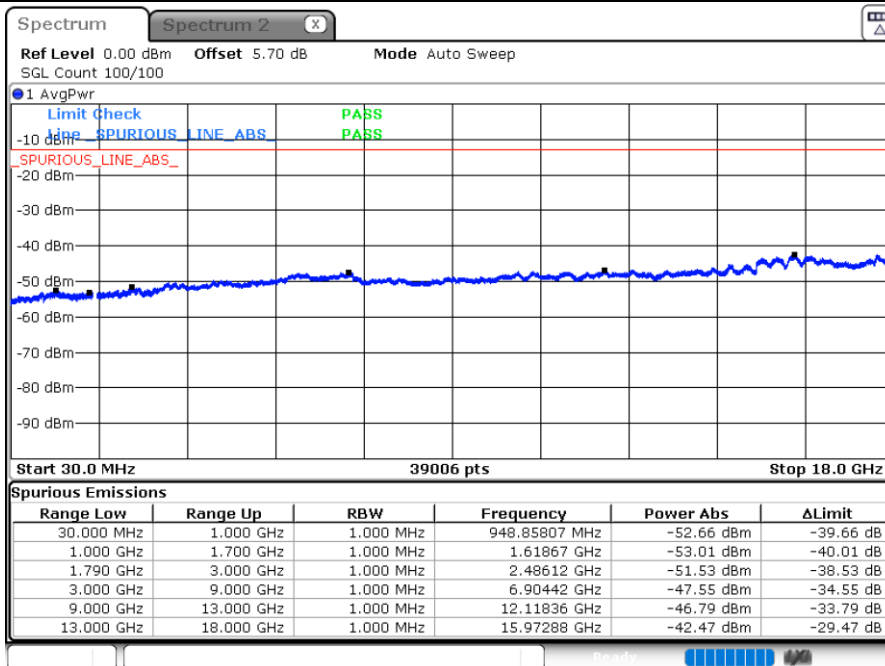
Middle Channel / QPSK



Date: 22.APR.2024 22:16:28

Date: 22.APR.2024 22:10:24

Highest Channel / QPSK



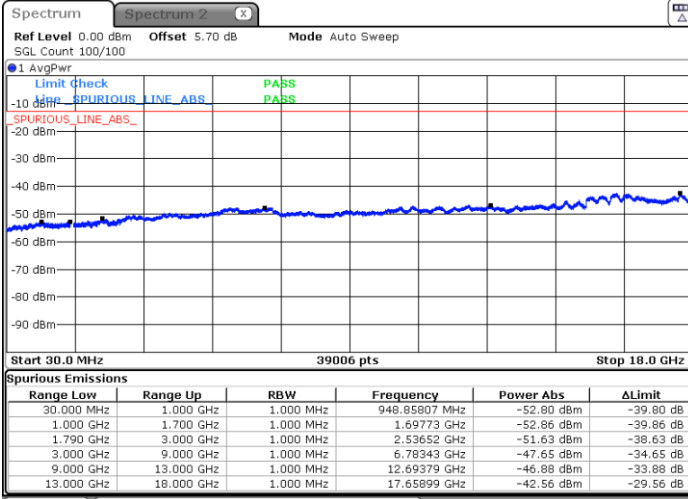
Date: 22.APR.2024 22:23:12



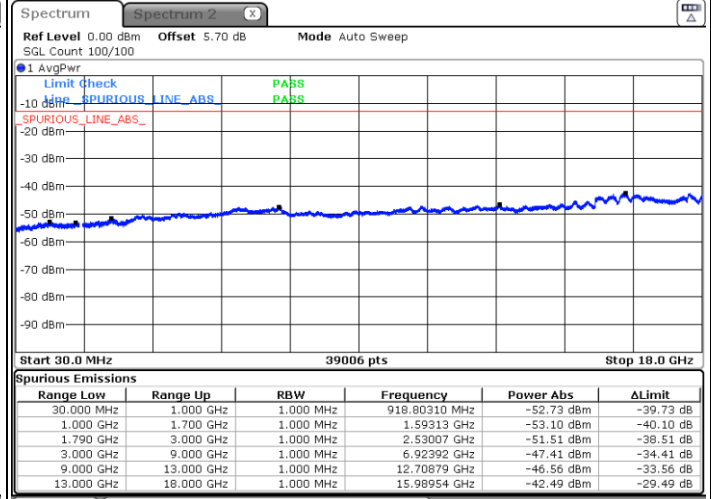
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

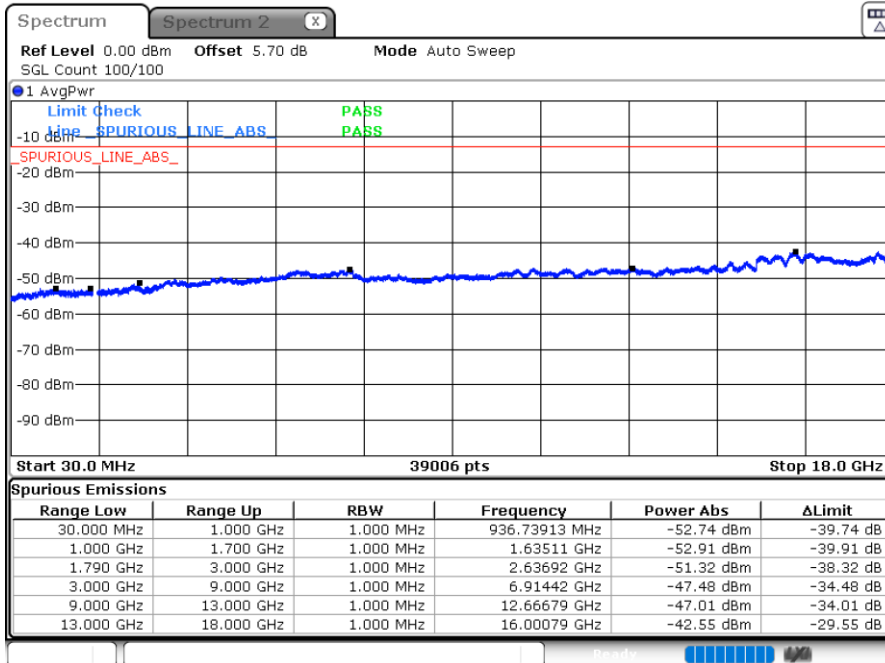


Date: 22.APR.2024 22:31:52



Date: 22.APR.2024 22:29:29

Highest Channel / QPSK



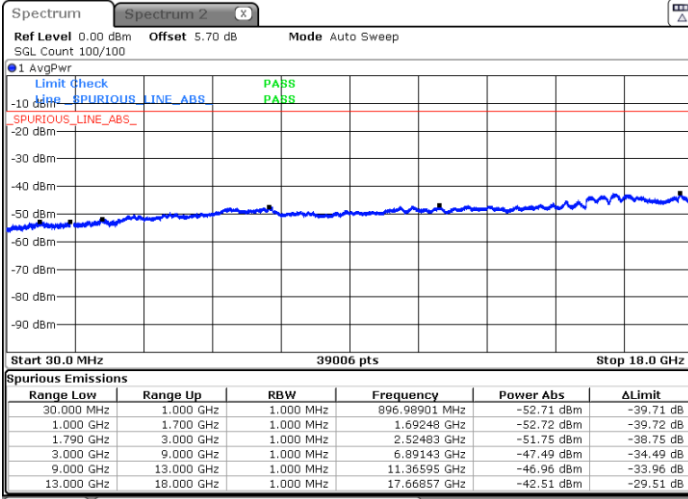
Date: 22.APR.2024 22:36:59



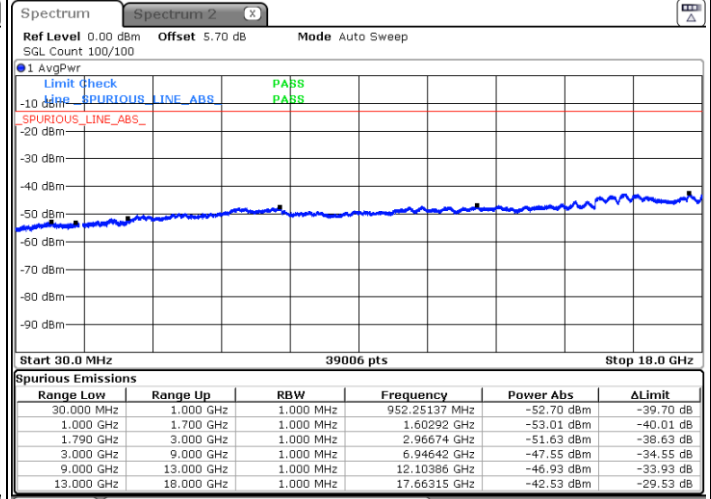
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

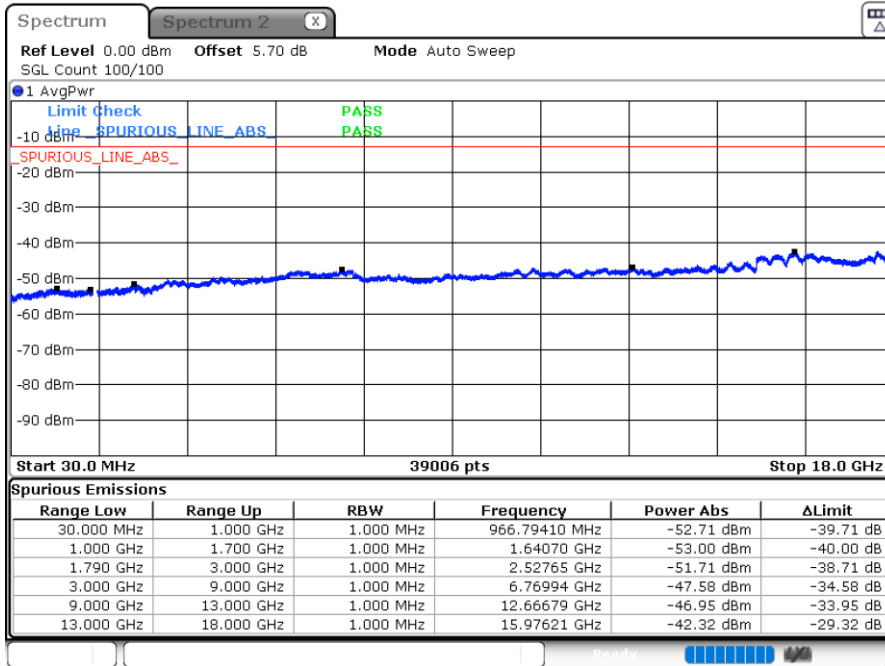


Date: 22.APR.2024 23:14:09



Date: 22.APR.2024 22:42:24

Highest Channel / QPSK



Date: 22.APR.2024 23:18:45



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	0.0019	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 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 :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 12 / 10MHz / QPSK / ANT0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-55.29	-13	-42.29	-63.37	-58.54	4.00	9.40	H
	2109	-65.15	-13	-52.15	-74.91	-68.72	4.88	10.60	H
	2812	-63.27	-13	-50.27	-75.29	-68.20	5.52	12.60	H
	1406	-56.90	-13	-43.90	-65.06	-60.15	4.00	9.40	V
	2109	-65.09	-13	-52.09	-75.22	-68.66	4.88	10.60	V
	2812	-62.94	-13	-49.94	-75.20	-67.87	5.52	12.60	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 )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-56.94	-42.15	-14.79	-63.72	-60.19	4.00	9.40	H
	2339.25	-64.41	-13	-51.41	-75.20	-67.98	4.88	10.60	H
	3119	-62.90	-13	-49.90	-75.79	-67.83	5.52	12.60	H
	1559.5	-56.35	-42.15	-14.20	-63.34	-59.60	4.00	9.40	V
	2339.25	-63.86	-13	-50.86	-75.04	-67.43	4.88	10.60	V
	3119	-62.39	-13	-49.39	-75.79	-67.32	5.52	12.60	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 )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-62.53	-42.15	-20.38	-69.31	-65.78	4.00	9.40	H
	2339.25	-64.44	-13	-51.44	-75.23	-68.01	4.88	10.60	H
	3119	-63.02	-13	-50.02	-75.91	-67.95	5.52	12.60	H
	1559.5	-61.57	-42.15	-19.42	-68.56	-64.82	4.00	9.40	V
	2339.25	-64.25	-13	-51.25	-75.43	-67.82	4.88	10.60	V
	3119	-62.54	-13	-49.54	-75.94	-67.47	5.52	12.60	V

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



LTE Band 25 / 20MHz / QPSK / ANT1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-62.65	-13	-49.65	-77.28	-69.40	5.85	12.60	H
	5620.5	-61.35	-13	-48.35	-79.08	-67.15	7.30	13.10	H
	7494	-56.25	-13	-43.25	-78.60	-59.40	8.35	11.50	H
	3747	-62.37	-13	-49.37	-77.21	-69.12	5.85	12.60	V
	5620.5	-61.65	-13	-48.65	-79.29	-67.45	7.30	13.10	V
	7494	-56.94	-13	-43.94	-79.21	-60.09	8.35	11.50	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 )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1649.5	-57.74	-13	-44.74	-64.00	-60.99	4.00	9.40	H
	2474.25	-64.03	-13	-51.03	-74.38	-67.60	4.88	10.60	H
	3299	-63.97	-13	-50.97	-76.38	-68.90	5.52	12.60	H
	1649.5	-58.52	-13	-45.52	-64.66	-61.77	4.00	9.40	V
	2474.25	-63.41	-13	-50.41	-74.11	-66.98	4.88	10.60	V
	3299	-63.36	-13	-50.36	-76.22	-68.29	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK / ANT1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-64.02	-13	-51.02	-76.84	-70.87	5.65	12.50	H
	5208	-62.27	-13	-49.27	-79.73	-67.94	7.13	12.80	H
	6944	-59.34	-13	-46.34	-80.25	-62.74	8.40	11.80	H
	3472	-63.83	-13	-50.83	-77.2	-70.68	5.65	12.50	V
	5208	-62.39	-13	-49.39	-79.8	-68.06	7.13	12.80	V
	6944	-59.23	-13	-46.23	-80.19	-62.63	8.40	11.80	V

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





DC_66A_n7A / 20MHz / QPSK / ANT1+ANT4 for Other PA									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
B66	3472	-58.73	-13	-45.73	-80.98	-65.58	5.65	12.50	H
	5208	-56.80	-13	-43.80	-81.71	-62.47	7.13	12.80	H
	6944	-55.57	-13	-42.57	-81.90	-58.97	8.40	11.80	H
	3472	-57.87	-13	-44.87	-79.92	-64.72	5.65	12.50	V
	5208	-56.47	-13	-43.47	-81.55	-62.14	7.13	12.80	V
	6944	-54.31	-13	-41.31	-81.37	-57.71	8.40	11.80	V
N7	5033.00	-58.05	-25	-33.05	-81.91	-63.61	7.14	12.70	H
	7549.50	-54.99	-25	-29.99	-81.81	-58.29	8.30	11.60	H
	10066.00	-52.11	-25	-27.11	-82.99	-53.63	10.48	12.00	H
	5033.00	-56.41	-25	-31.41	-81.72	-61.97	7.14	12.70	V
	7549.50	-54.91	-25	-29.91	-81.72	-58.21	8.30	11.60	V
	10066.00	-51.92	-25	-26.92	-83.61	-53.44	10.48	12.00	V

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

DC_2A_n7A / 20MHz / QPSK / ANT1+ANT4 for Other PA									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
B2	3742.18	-57.72	-25	-32.72	-80.76	-64.47	5.85	12.60	H
	5613.27	-57.21	-25	-32.21	-81.79	-63.01	7.30	13.10	H
	7484.36	-54.05	-25	-29.05	-81.13	-57.20	8.35	11.50	H
	3742.18	-55.63	-25	-30.63	-80.68	-62.38	5.85	12.60	V
	5613.27	-56.55	-25	-31.55	-81.98	-62.35	7.30	13.10	V
	7484.36	-54.82	-25	-29.82	-81.88	-57.97	8.35	11.50	V
N7	5033.00	-57.67	-25	-32.67	-81.53	-63.23	7.14	12.70	H
	7549.50	-54.72	-25	-29.72	-81.54	-58.02	8.30	11.60	H
	10066.00	-52.52	-25	-27.52	-83.40	-54.04	10.48	12.00	H
	5033.00	-56.81	-25	-31.81	-82.12	-62.37	7.14	12.70	V
	7549.50	-54.96	-25	-29.96	-81.77	-58.26	8.30	11.60	V
	10066.00	-51.63	-25	-26.63	-83.32	-53.15	10.48	12.00	V

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