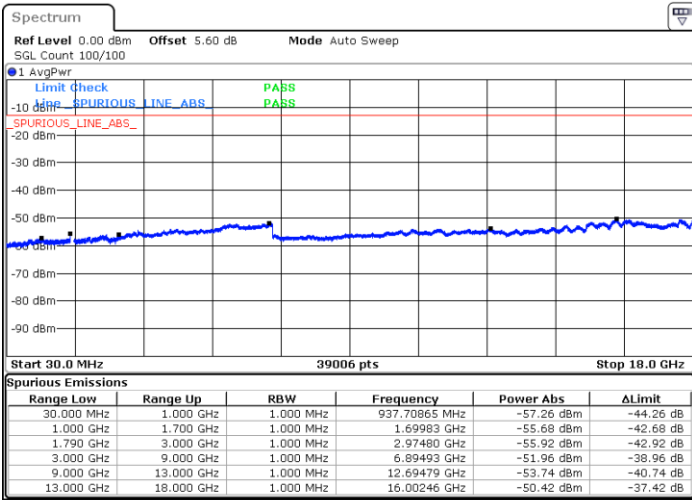




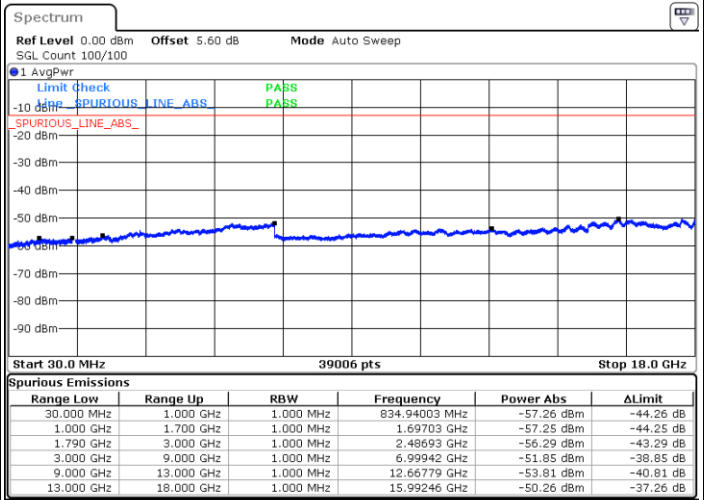
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

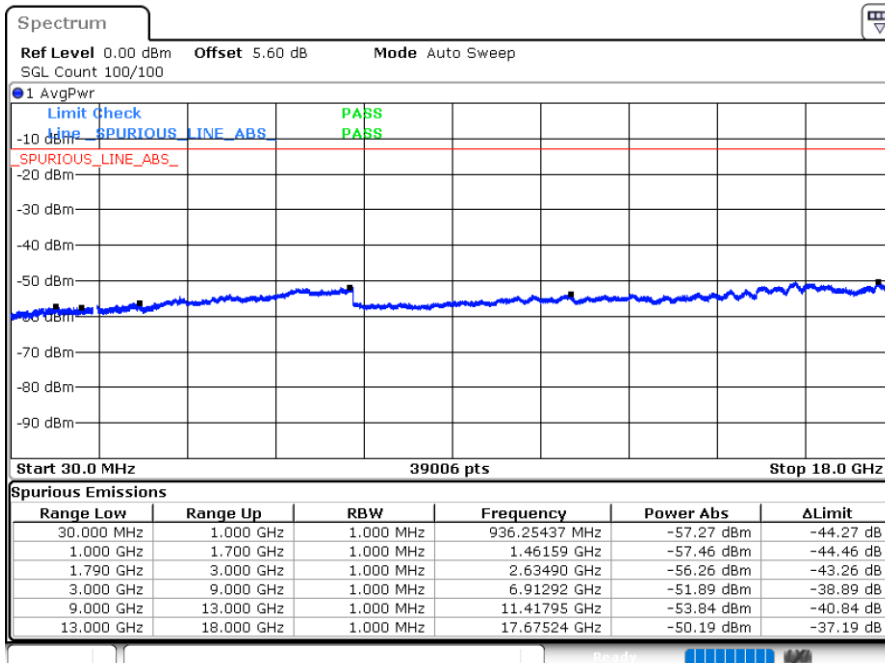


Date: 8_SEP.2022 05:26:51



Date: 8_SEP.2022 05:39:25

Highest Channel / QPSK

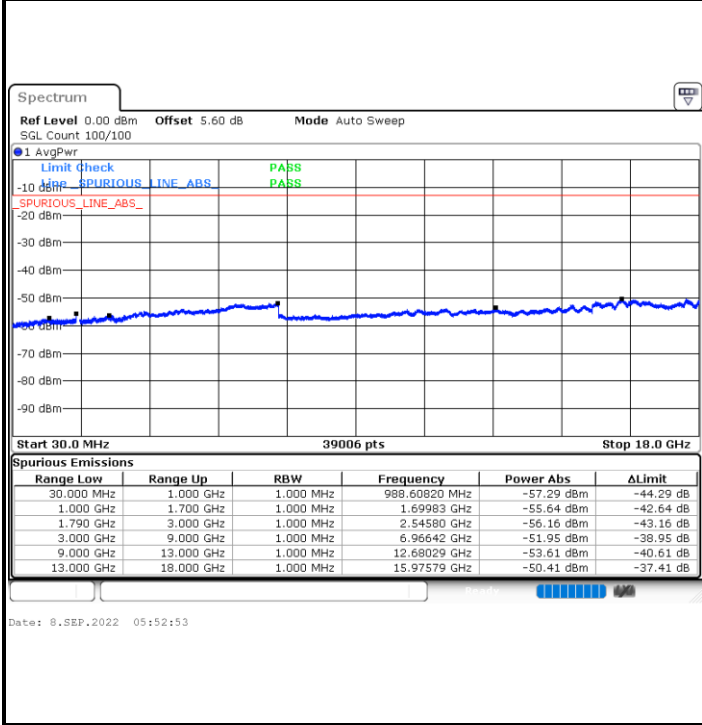


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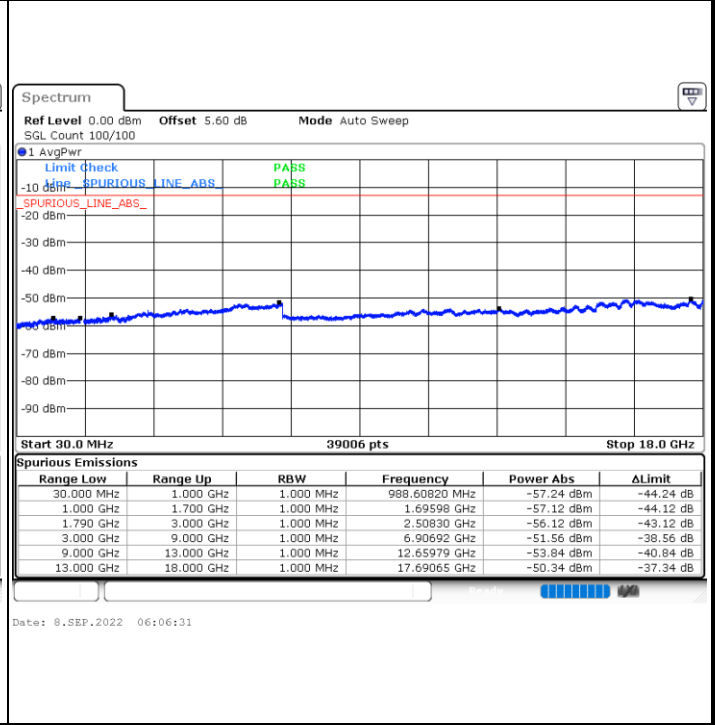


LTE Band 66 / 10MHz

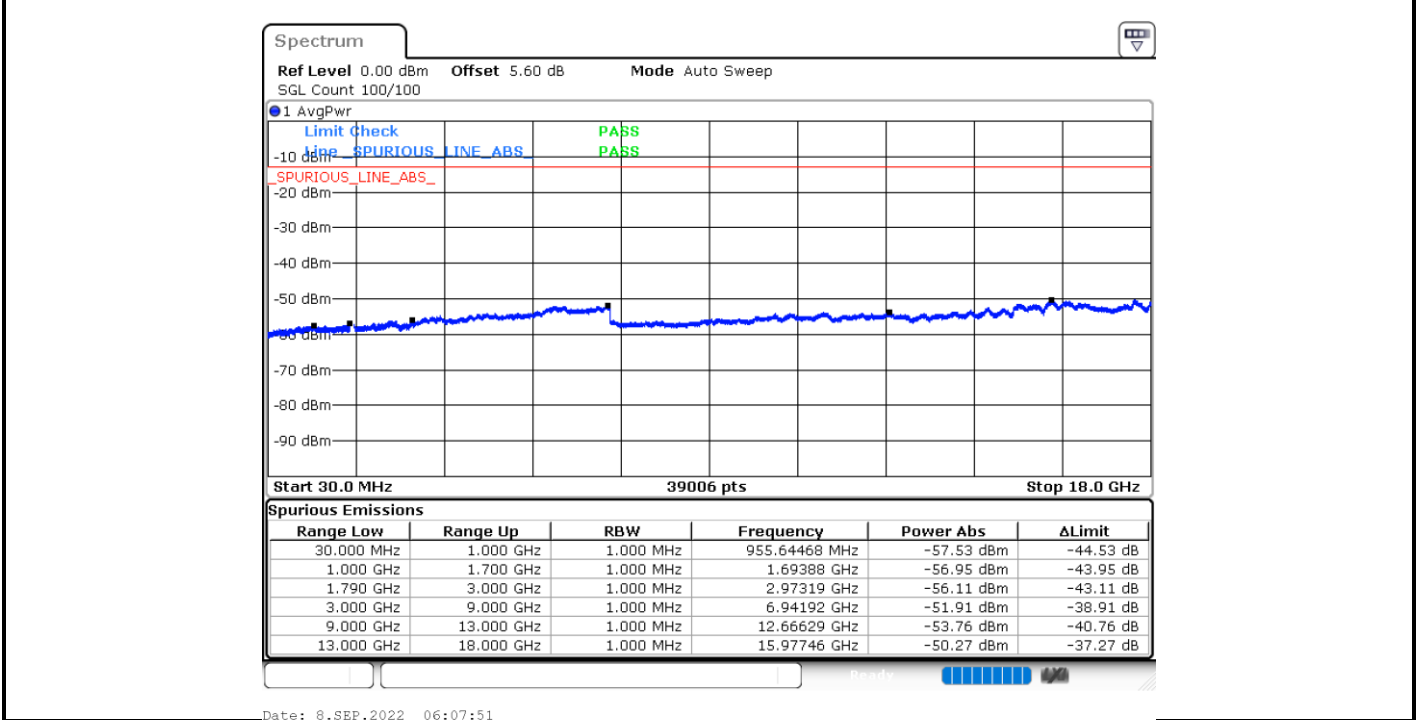
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

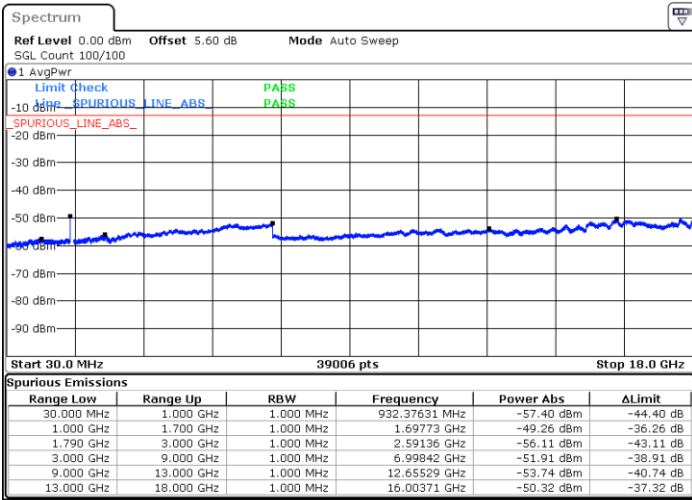




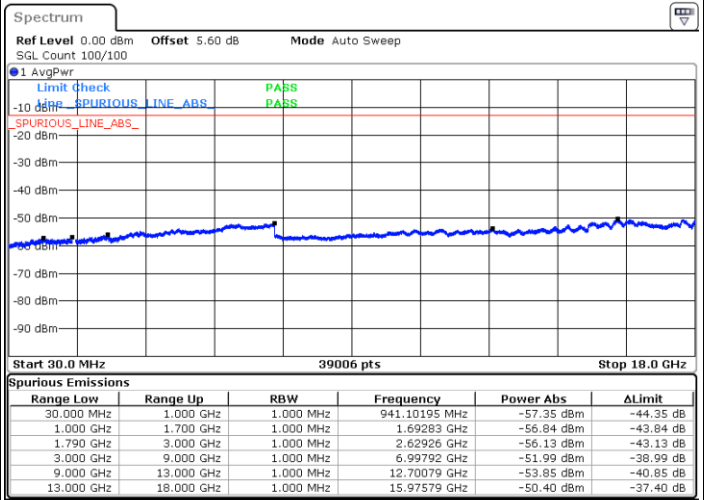
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

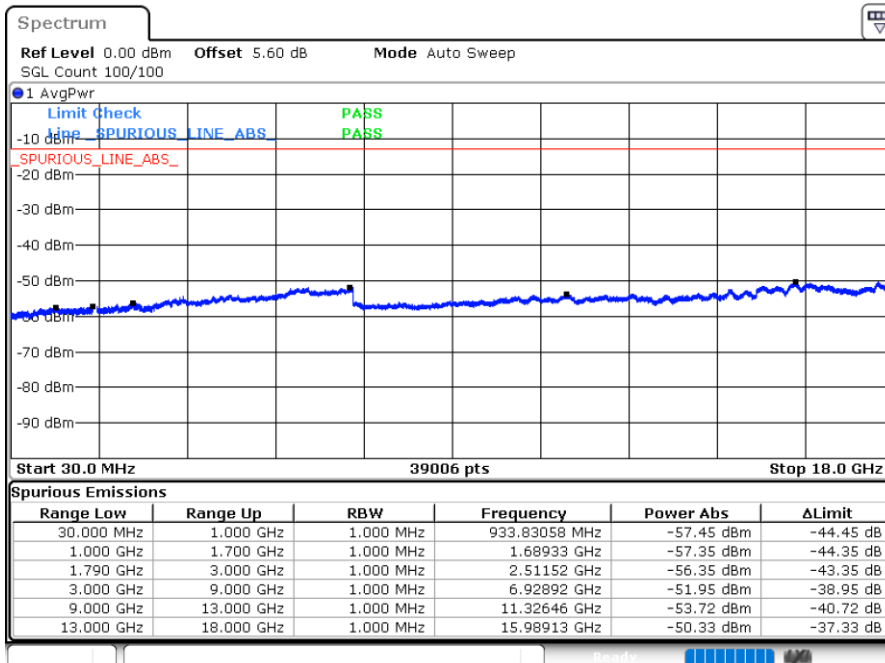


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Date: 8_SEP.2022 07:07:26

Highest Channel / QPSK



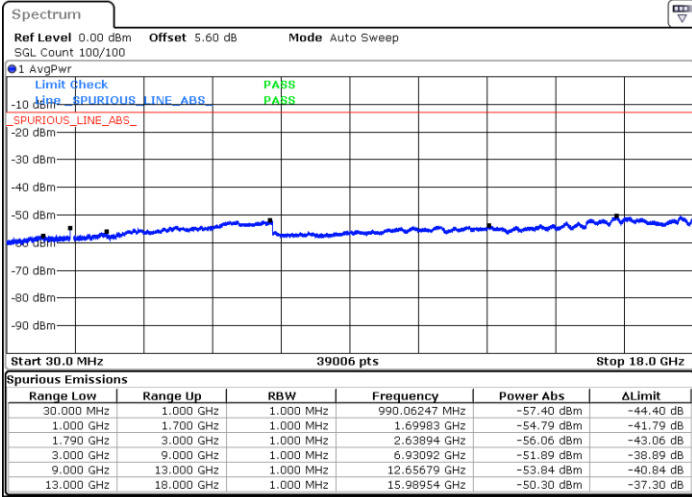
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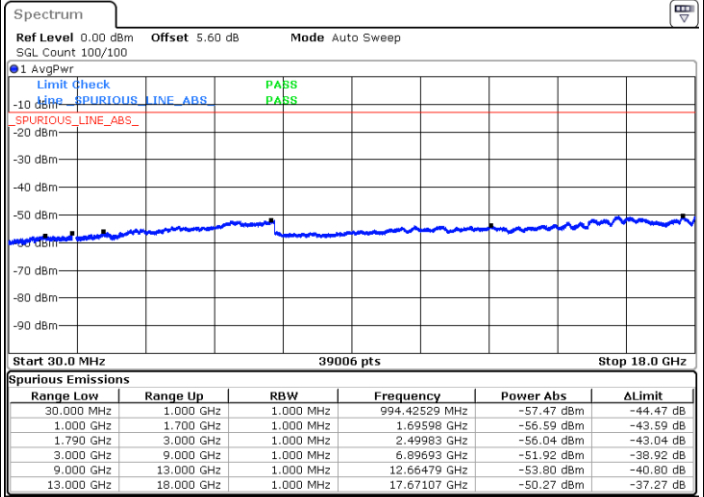
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

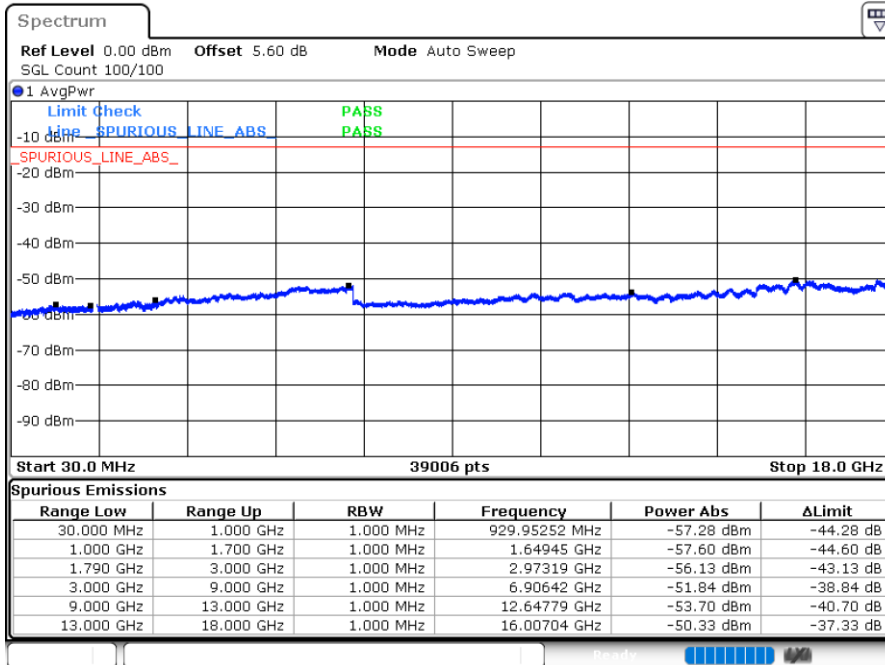


Date: 8_SEP.2022 07:20:56



Date: 8_SEP.2022 07:36:53

Highest Channel / QPSK



Date: 8_SEP.2022 07:38:32



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	0.0024	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 12 / 10MHz / QPSK / 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	1408	-67.40	-13	-54.40	-74.37	1.58	10.70	H
	2112	-61.53	-13	-48.53	-69.78	2.102	12.50	H
	2808	-59.41	-13	-46.41	-68.30	2.856	13.90	H
	1408	-66.89	-13	-53.89	-73.86	1.58	10.70	V
	2112	-60.73	-13	-47.73	-68.98	2.10	12.50	V
	2808	-58.92	-13	-45.92	-67.81	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK / 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	-66.60	-42.15	-24.45	-69.23	1.09	5.87	H
	2336	-61.56	-13	-48.56	-63.96	1.37	5.92	H
	3120	-59.63	-13	-46.63	-63.52	1.64	7.68	H
	1560	-66.16	-42.15	-24.01	-68.79	1.09	5.87	V
	2336	-59.79	-13	-46.79	-62.19	1.37	5.92	V
	3120	-59.03	-13	-46.03	-62.92	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK / 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	1552	-66.90	-13	-53.90	-69.53	1.09	5.87	H
	2328	-61.56	-13	-48.56	-63.96	1.37	5.92	H
	3112	-59.78	-13	-46.78	-63.67	1.64	7.68	H
	1552	-66.27	-13	-53.27	-68.90	1.09	5.87	V
	2328	-59.27	-13	-46.27	-61.67	1.37	5.92	V
	3112	-59.66	-13	-46.66	-63.55	1.64	7.68	V

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



LTE Band 25 / 20MHz / QPSK / ANT.1								
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	-57.40	-13	-44.40	-69.66	2.64	14.90	H
	5619	-56.11	-13	-43.11	-67.97	2.94	14.80	H
	7488	-51.57	-13	-38.57	-61.34	3.39	13.16	H
	3747	-56.77	-13	-43.77	-69.03	2.64	14.90	V
	5619	-56.33	-13	-43.33	-68.19	2.94	14.80	V
	7488	-52.81	-13	-39.81	-62.58	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK / 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	1656	-65.45	-13	-52.45	-72.42	1.58	10.70	H
	2489.52	-61.14	-13	-48.14	-69.39	2.102	12.50	H
	3320	-60.13	-13	-47.13	-69.02	2.856	13.90	H
	1656	-64.68	-13	-51.68	-71.65	1.58	10.70	V
	2488	-59.56	-13	-46.56	-67.81	2.10	12.50	V
	3320	-60.49	-13	-47.49	-69.38	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK / ANT.1								
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	-58.15	-13	-45.15	-68.89	2.604	13.34	H
	5208	-54.97	-13	-41.97	-65.48	3.011	13.52	H
	6948	-53.78	-13	-40.78	-63.98	3.271	13.47	H
	3471	-58.65	-13	-45.65	-69.39	2.604	13.34	V
	5208	-55.42	-13	-42.42	-65.93	3.011	13.52	V
	6948	-53.57	-13	-40.57	-63.77	3.271	13.47	V

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