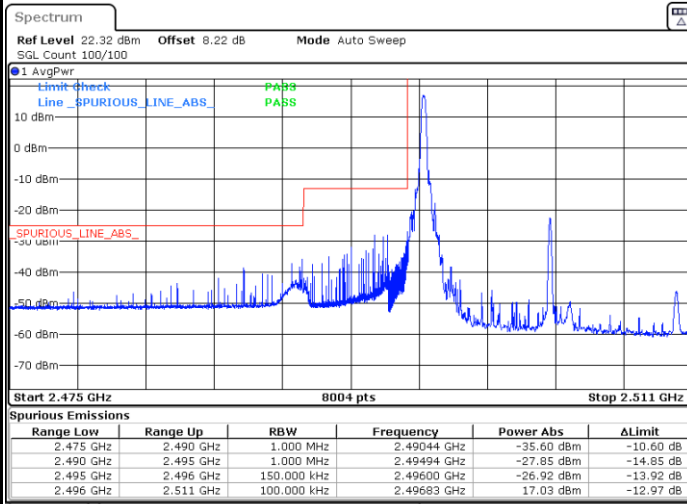




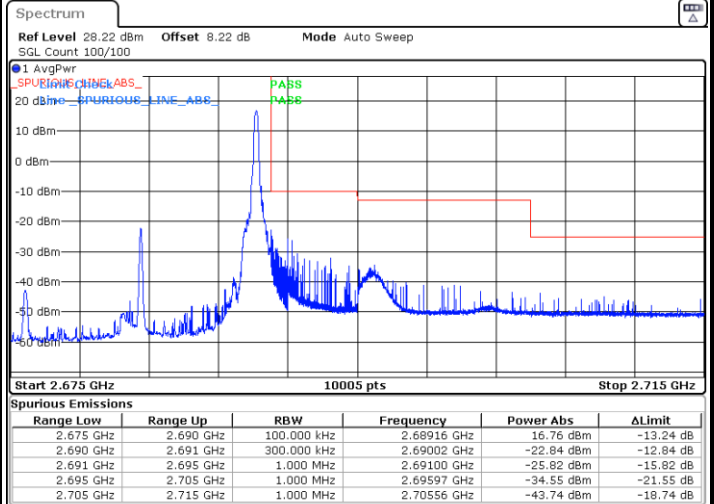
LTE Band 41 / 15MHz /256QAM

Lowest Band Edge / 1 RB



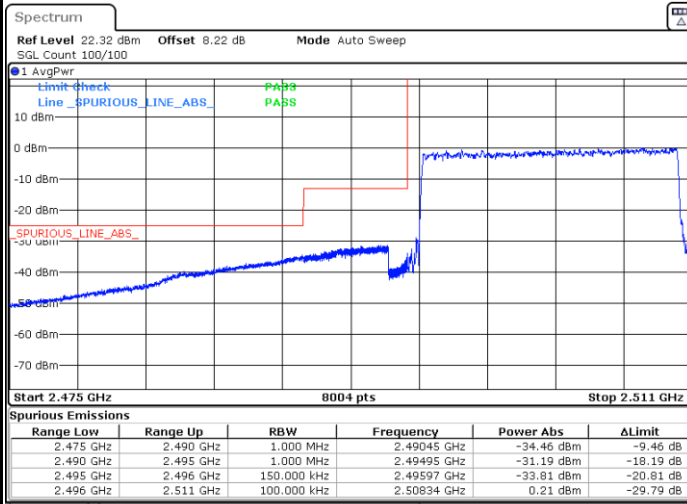
Date: 30 SEP 2022 09:46:51

Highest Band Edge / 1 RB



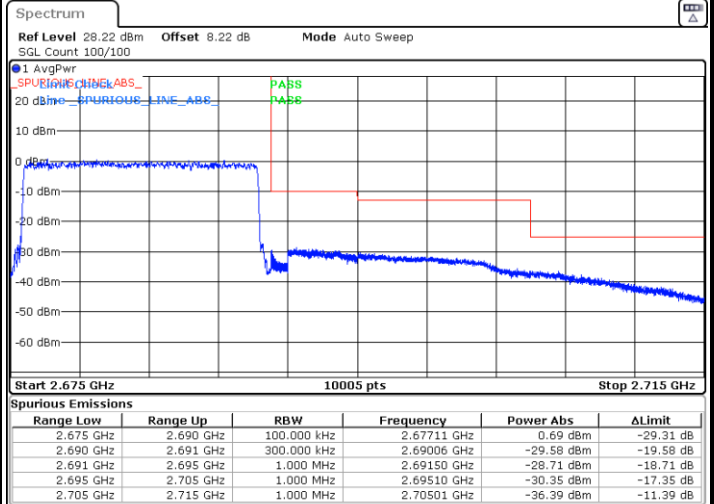
Date: 30 SEP 2022 09:51:10

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:47:20

Highest Band Edge / Full RB

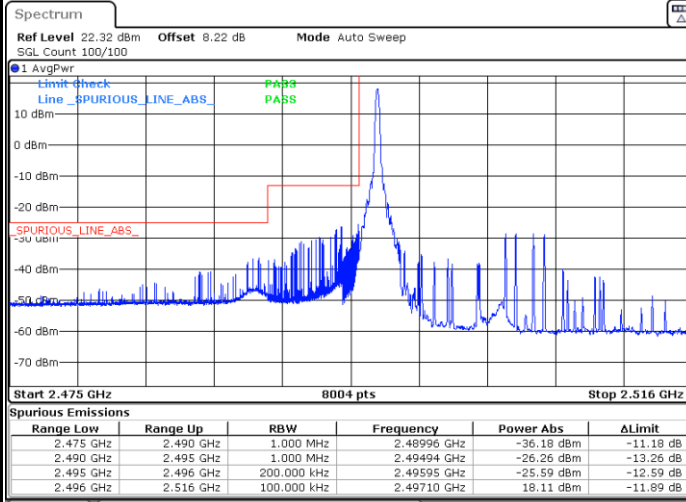


Date: 30 SEP 2022 09:50:49



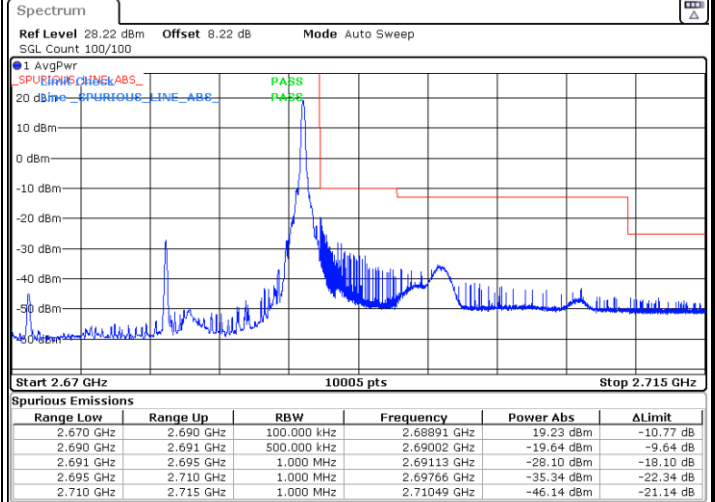
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



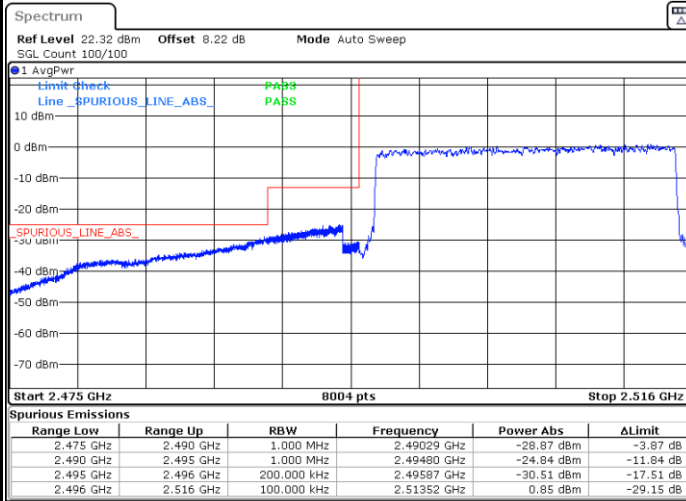
Date: 30 SEP 2022 09:16:44

Highest Band Edge / 1 RB



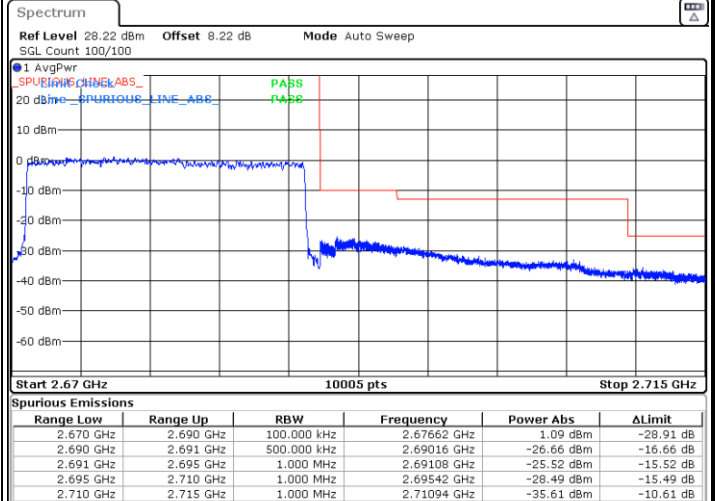
Date: 30 SEP 2022 09:40:34

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:36:12

Highest Band Edge / Full RB

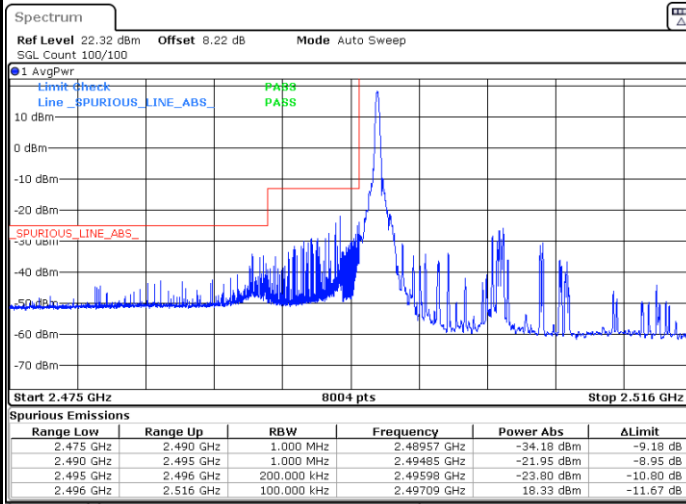


Date: 30 SEP 2022 09:38:06



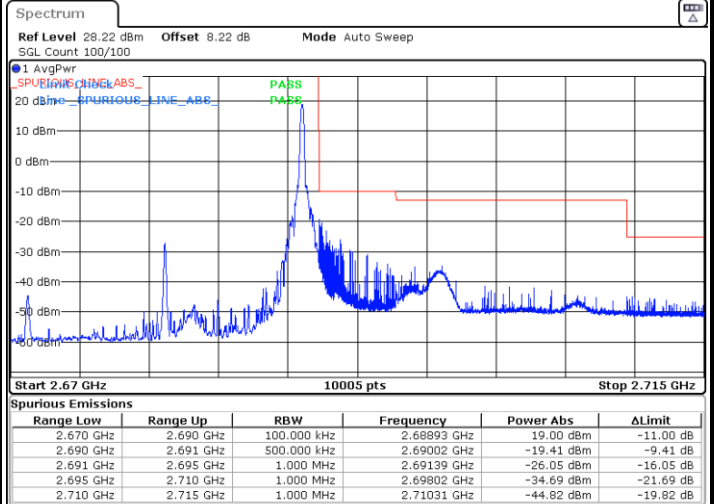
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



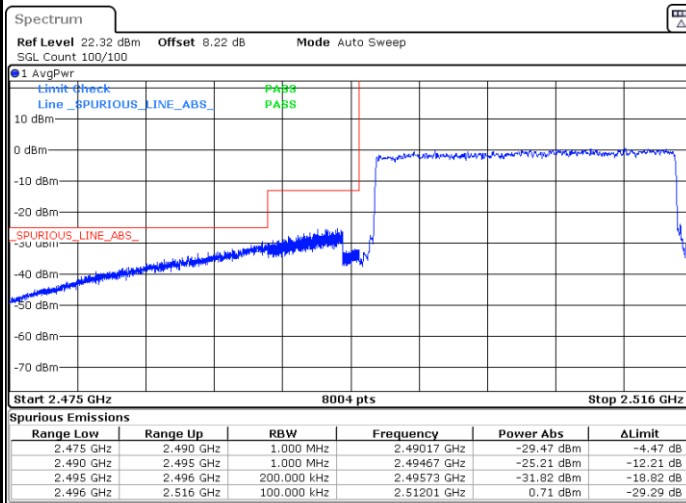
Date: 30 SEP 2022 09:17:03

Highest Band Edge / 1 RB



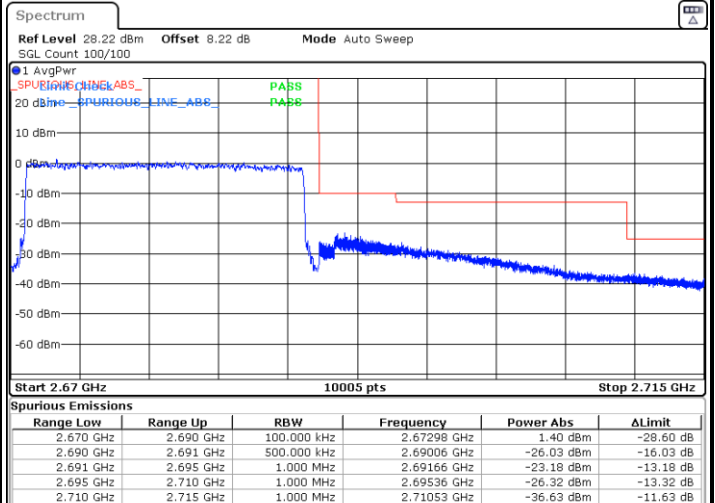
Date: 30 SEP 2022 09:40:17

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:35:51

Highest Band Edge / Full RB

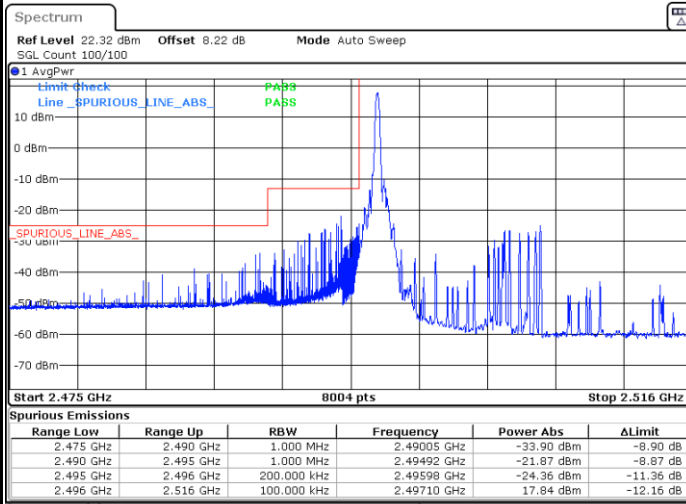


Date: 30 SEP 2022 09:38:28



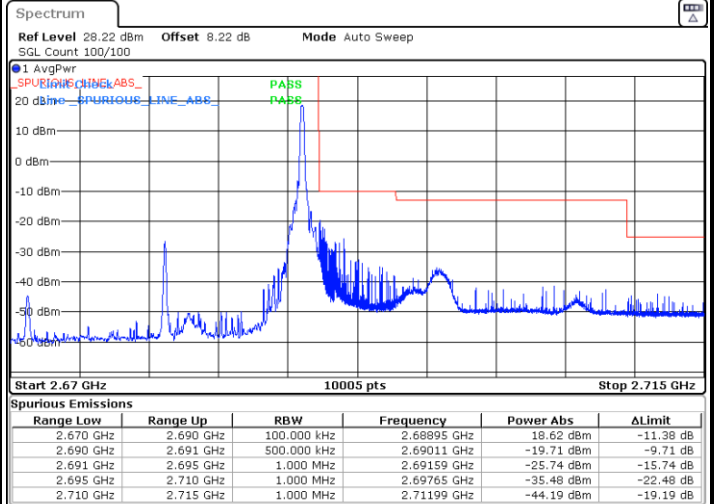
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



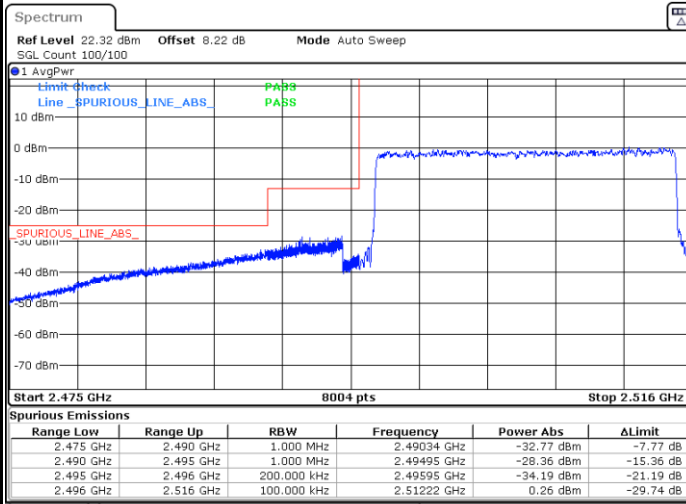
Date: 30 SEP 2022 09:17:34

Highest Band Edge / 1 RB



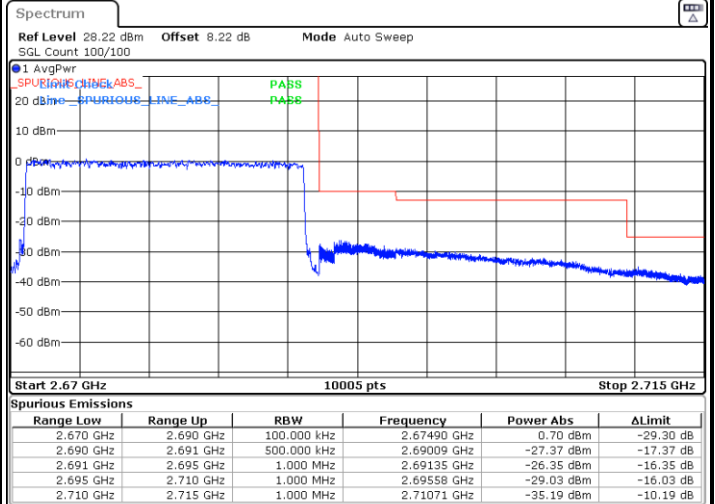
Date: 30 SEP 2022 09:40:01

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:34:44

Highest Band Edge / Full RB

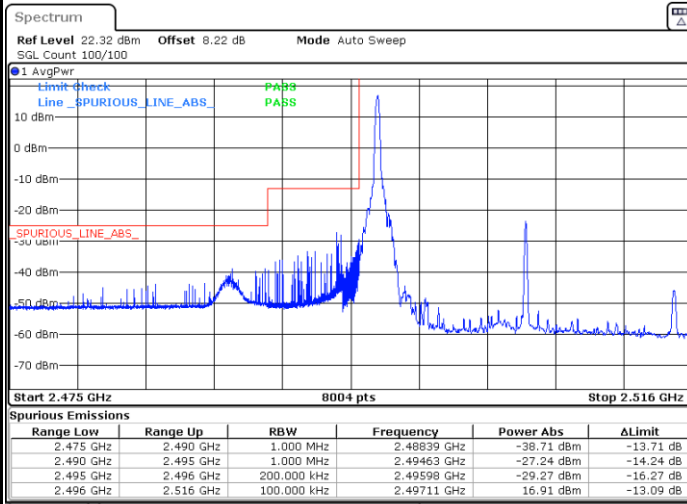


Date: 30 SEP 2022 09:38:46



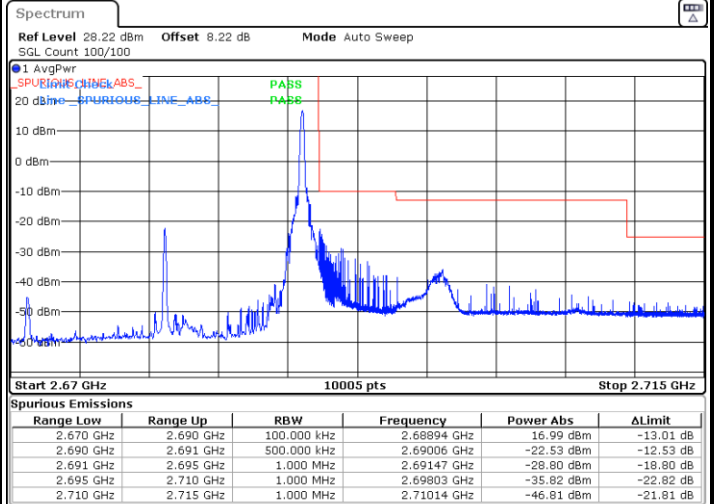
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



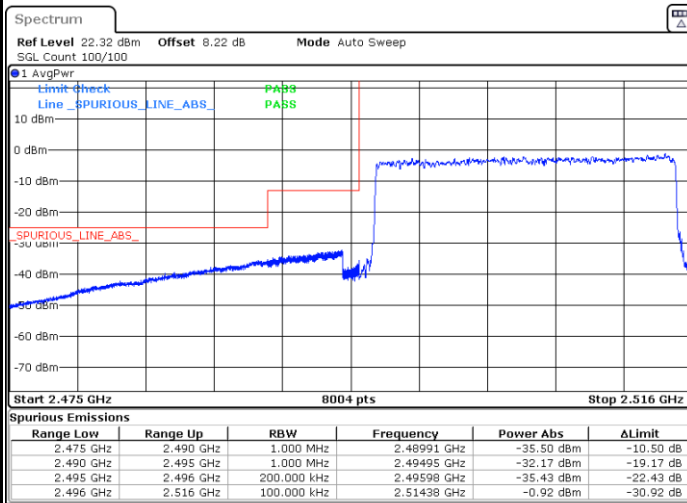
Date: 30.SEP.2022 09:18:16

Highest Band Edge / 1 RB



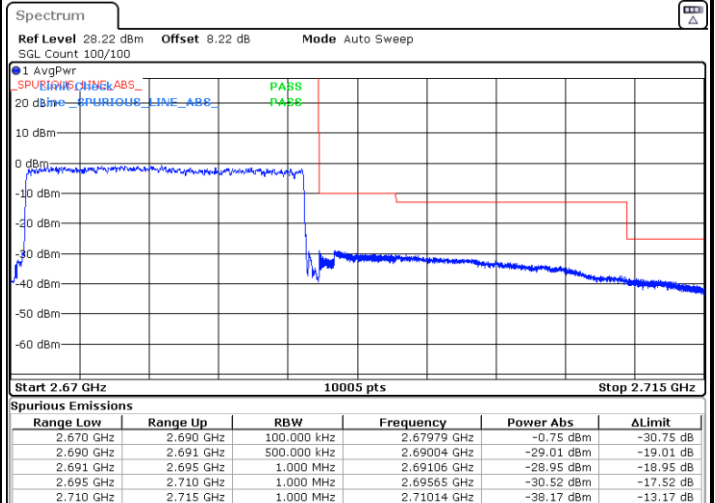
Date: 30.SEP.2022 09:39:34

Lowest Band Edge / Full RB



Date: 30.SEP.2022 09:18:40

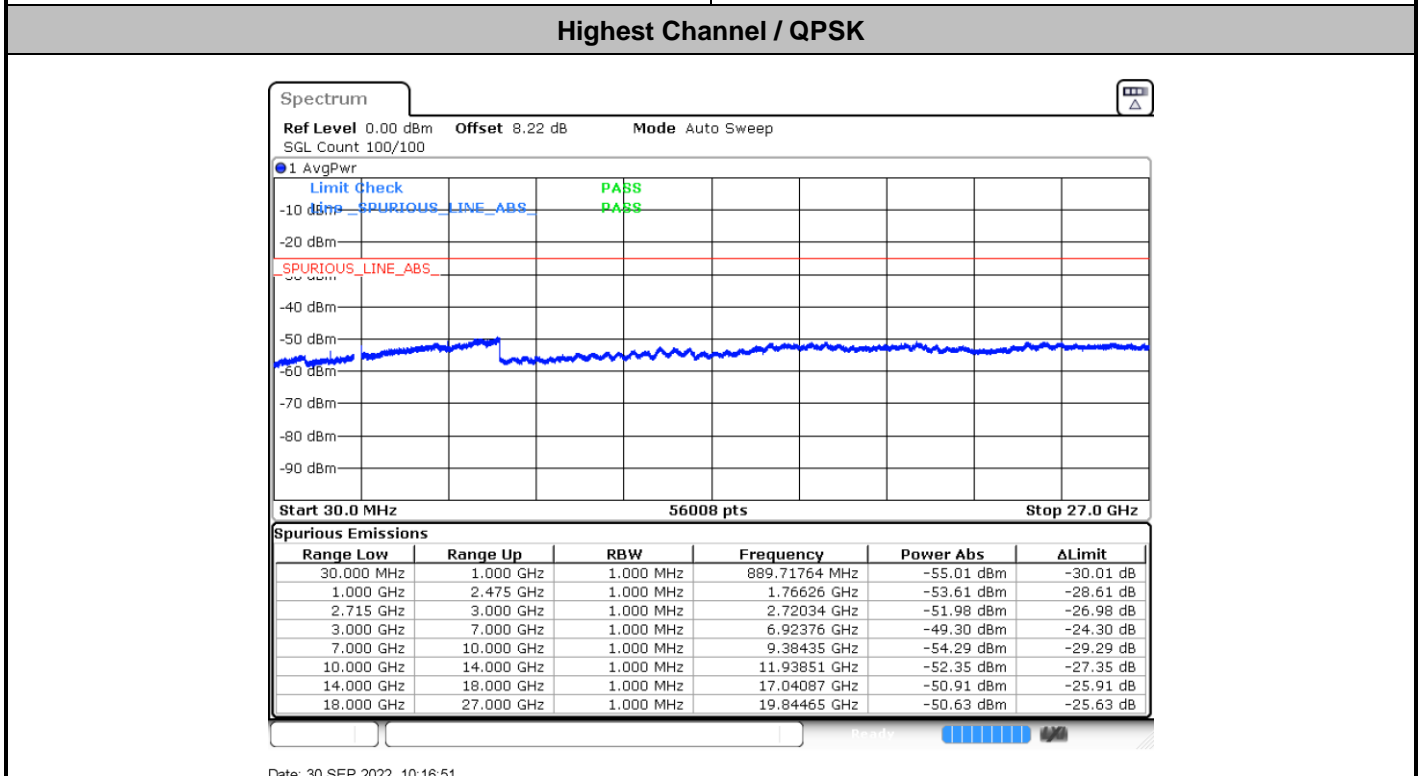
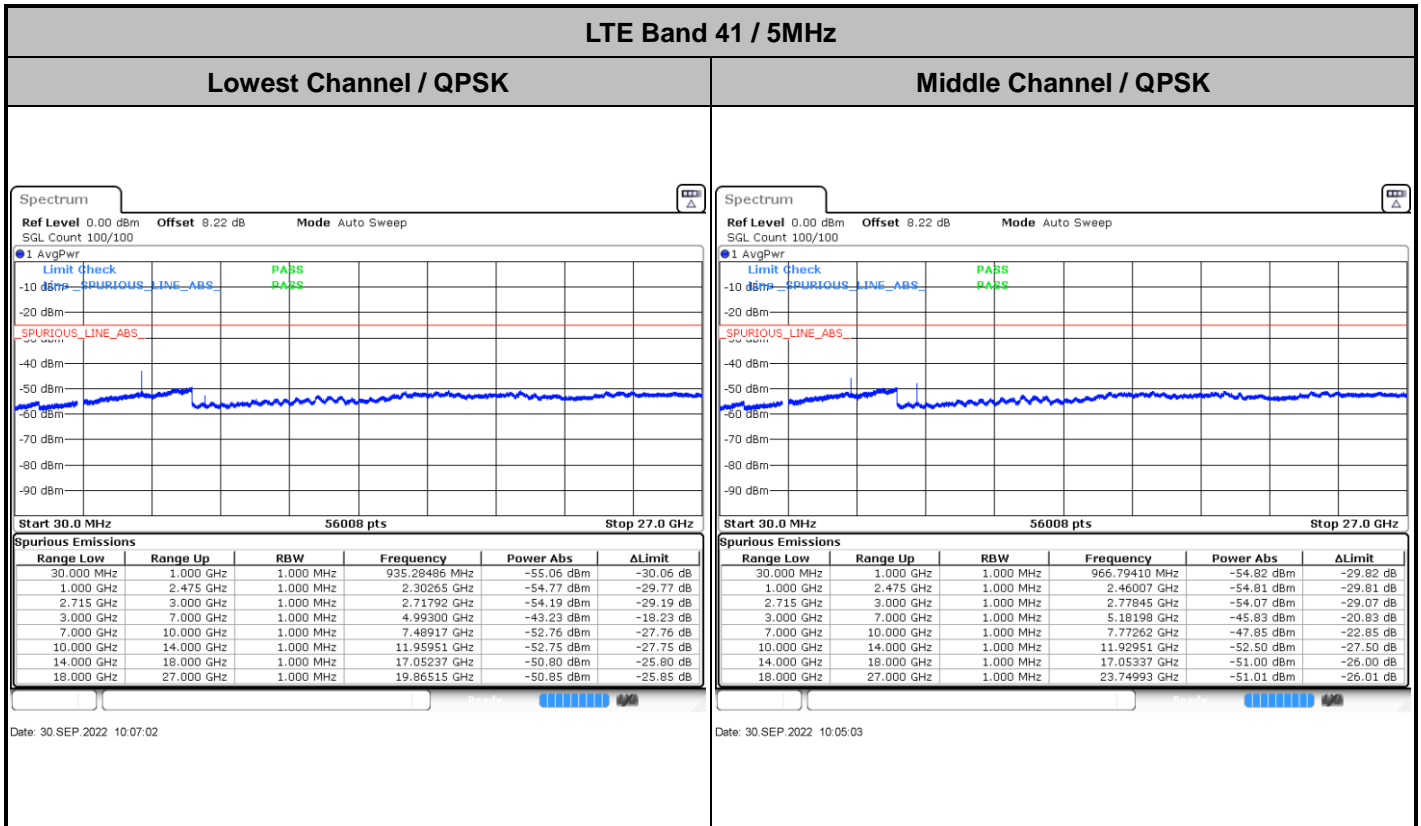
Highest Band Edge / Full RB



Date: 30.SEP.2022 09:39:03



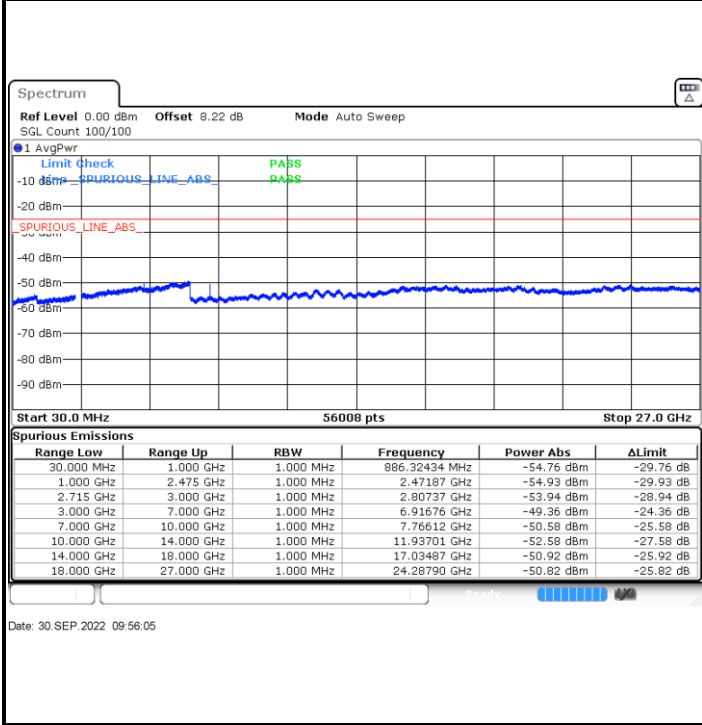
# Conducted Spurious Emission



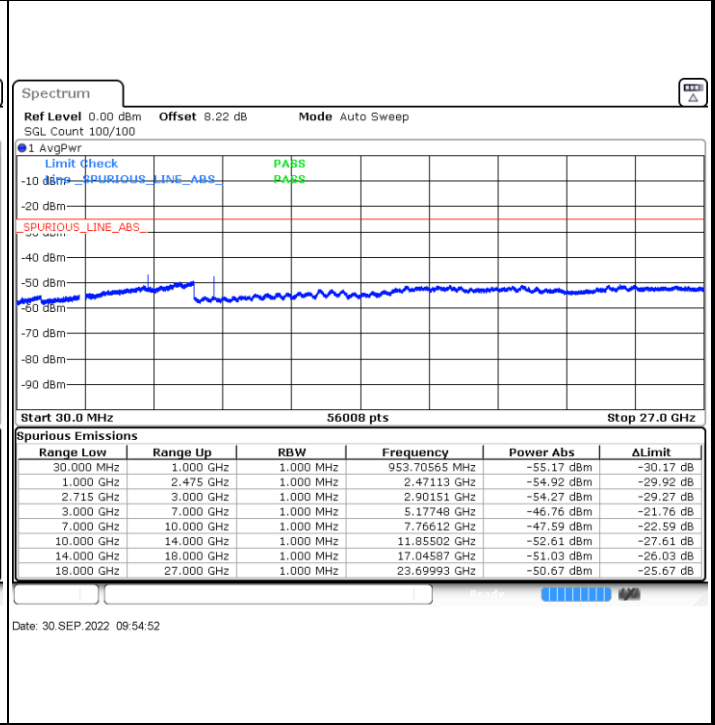


**LTE Band 41 / 10MHz**

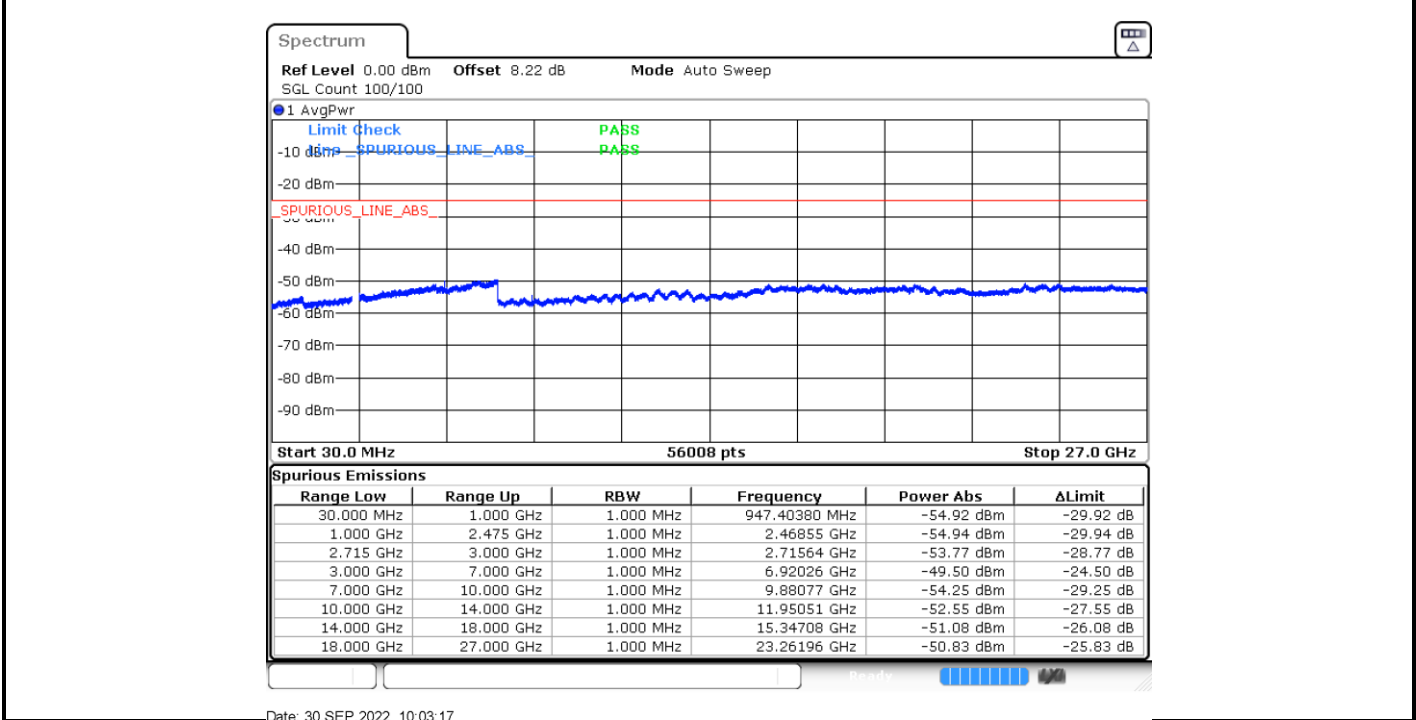
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

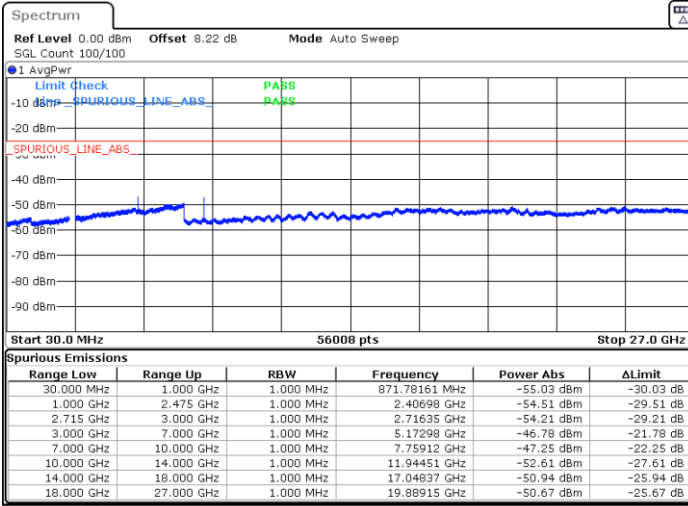




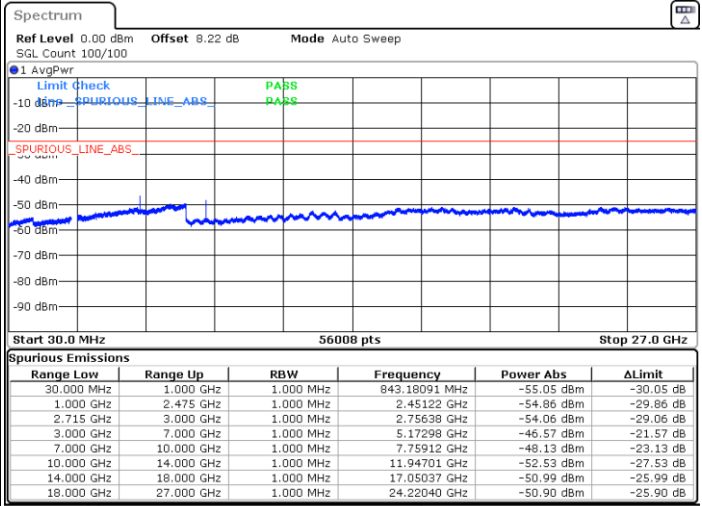
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

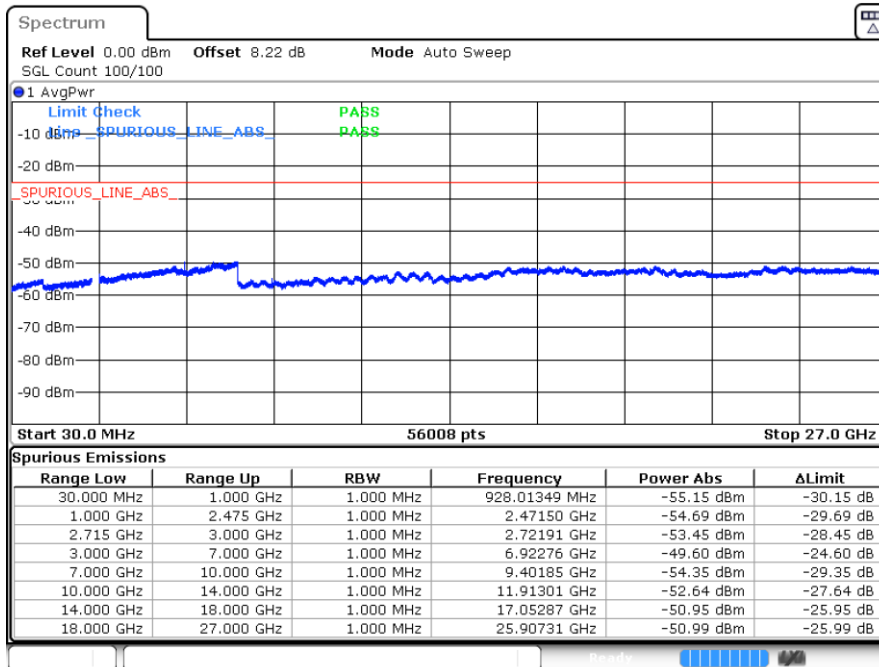


Date: 30.SEP.2022 09:44:35



Date: 30.SEP.2022 09:43:34

Highest Channel / QPSK



Date: 30.SEP.2022 09:53:02

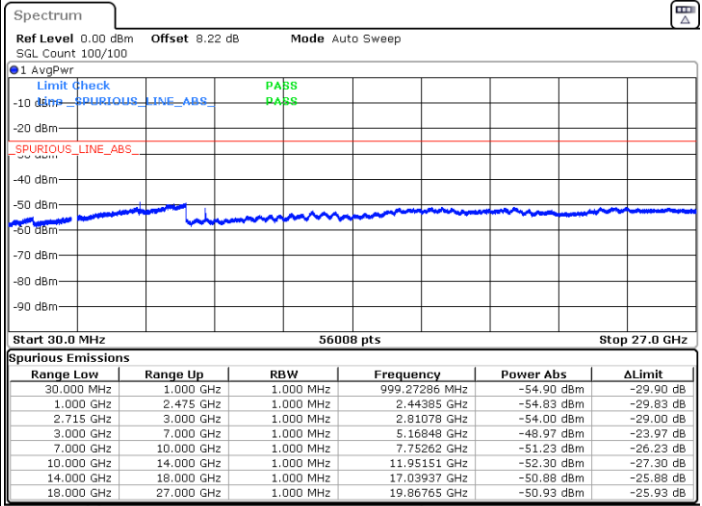
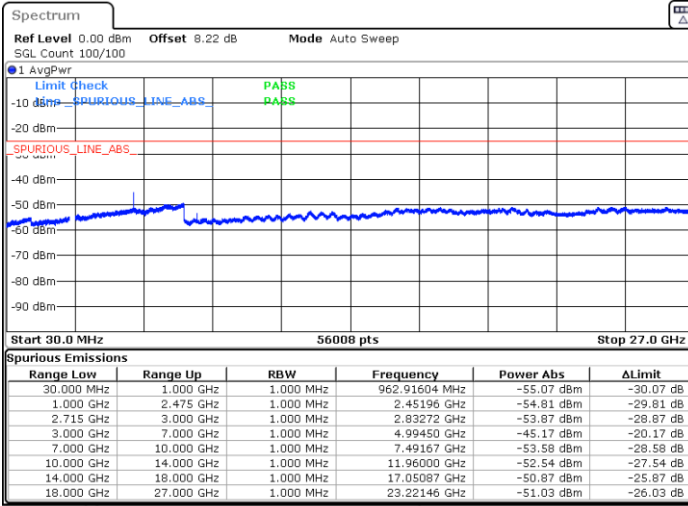




LTE Band 41 / 20MHz

Lowest Channel / QPSK

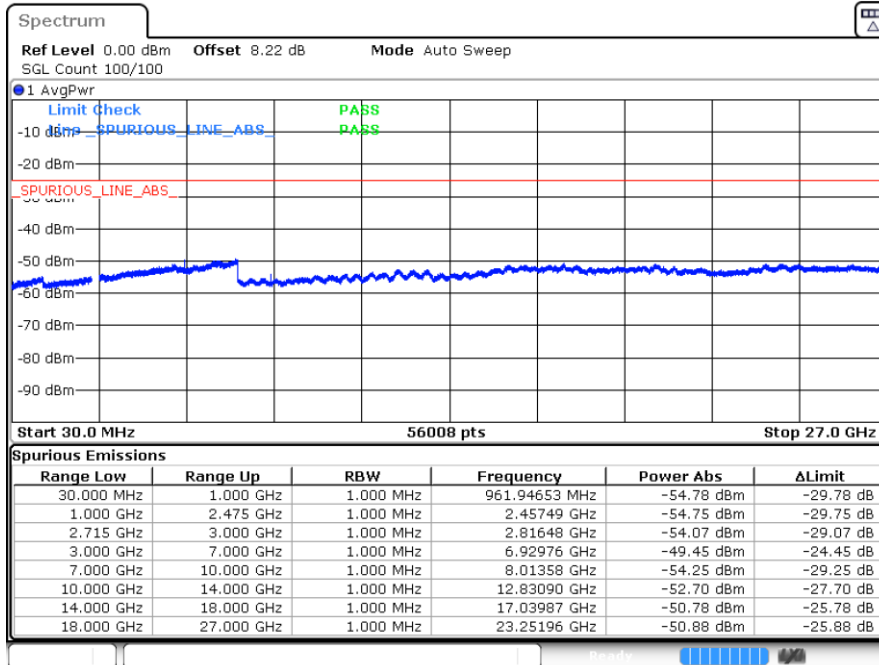
Middle Channel / QPSK



Date: 30.SEP.2022 09:16:24

Date: 30.SEP.2022 09:13:53

Highest Channel / QPSK



Date: 30.SEP.2022 09:41:29



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 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 :	LiangPingZhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

LTE Band 7 / 20MHz / QPSK for Ant.3									
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	5052.18	-57.90	-25	-32.90	-81.00	-63.46	7.14	12.70	H
	7578.27	-55.77	-25	-30.77	-81.85	-59.07	8.30	11.60	H
	10104.36	-53.27	-25	-28.27	-83.47	-54.79	10.48	12.00	H
	5052.18	-56.57	-25	-31.57	-81	-62.13	7.14	12.70	V
	7578.27	-55.90	-25	-30.90	-81.98	-59.20	8.30	11.60	V
	10104.36	-52.23	-25	-27.23	-83.41	-53.75	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK for Ant.3									
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	5168.18	-57.46	-25	-32.46	-81.38	-63.02	7.14	12.70	H
	7752.27	-55.90	-25	-30.90	-81.47	-59.20	8.30	11.60	H
	10336.36	-52.71	-25	-27.71	-83.30	-54.23	10.48	12.00	H
	5168.18	-56.82	-25	-31.82	-81.24	-62.38	7.14	12.70	V
	7752.27	-52.44	-25	-27.44	-81.1	-55.74	8.30	11.60	V
	10336.36	-50.84	-25	-25.84	-83.18	-52.36	10.48	12.00	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK for Ant.3									
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	5070.00	-58.14	-25	-33.14	-81.35	-63.70	7.14	12.70	H
	7605.00	-55.40	-25	-30.40	-81.37	-58.70	8.30	11.60	H
	10140.00	-52.70	-25	-27.70	-82.97	-54.22	10.48	12.00	H
	5070.00	-57.06	-25	-32.06	-81.48	-62.62	7.14	12.70	V
	7605.00	-55.52	-25	-30.52	-81.83	-58.82	8.30	11.60	V
	10140.00	-51.31	-25	-26.31	-82.68	-52.83	10.48	12.00	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK for Ant.3									
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	5190.00	-57.42	-25	-32.42	-81.46	-62.98	7.14	12.70	H
	7785.00	-56.11	-25	-31.11	-81.59	-59.41	8.30	11.60	H
	10380.00	-52.58	-25	-27.58	-83.27	-54.10	10.48	12.00	H
	5190.00	-56.72	-25	-31.72	-81.15	-62.28	7.14	12.70	V
	7785.00	-52.24	-25	-27.24	-81.49	-55.54	8.30	11.60	V
	10380.00	-50.98	-25	-25.98	-83.58	-52.50	10.48	12.00	V

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