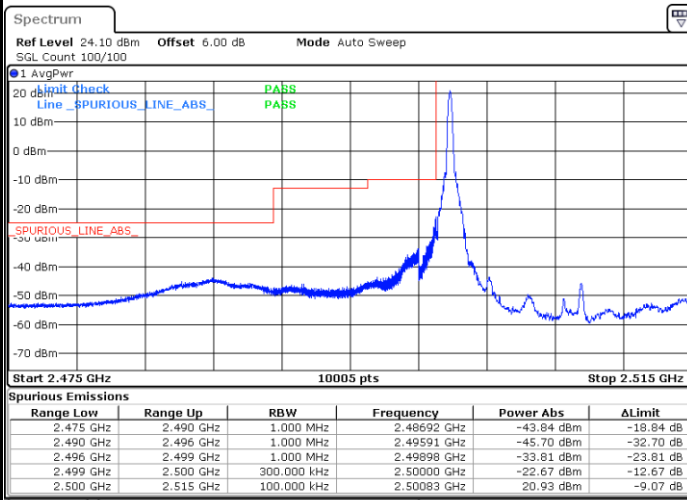




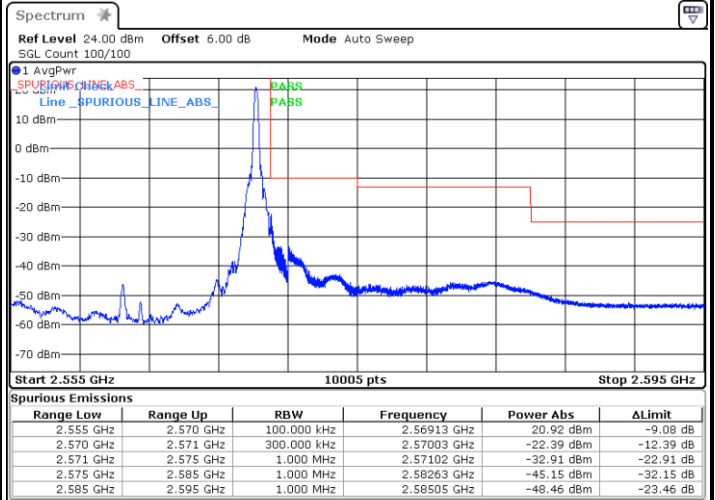
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



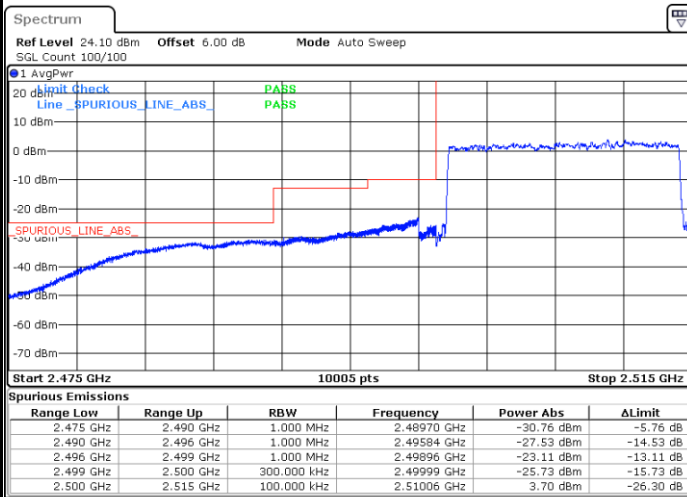
Date: 21 JUN.2022 10:27:44

Highest Band Edge / 1 RB



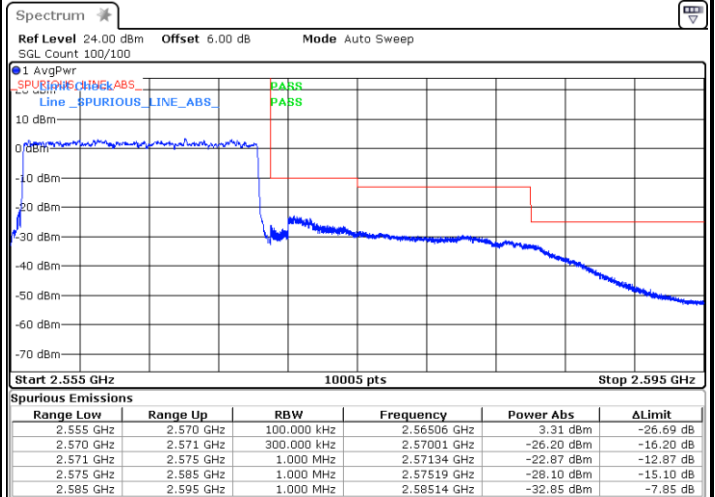
Date: 21 JUN.2022 10:37:24

Lowest Band Edge / Full RB



Date: 21 JUN.2022 10:31:43

Highest Band Edge / Full RB

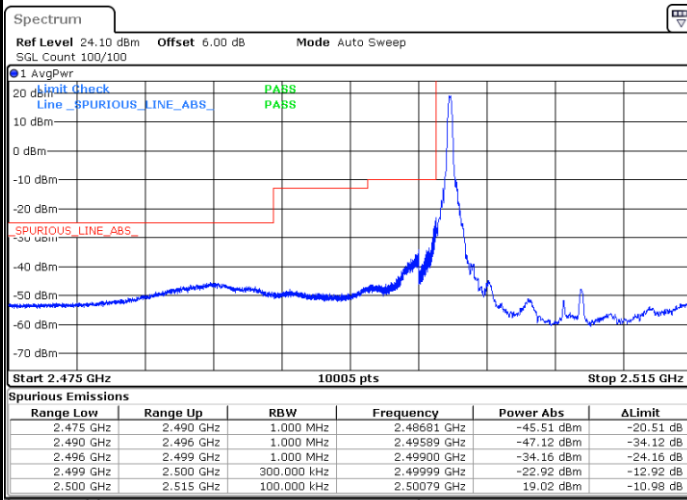


Date: 21 JUN.2022 10:33:01

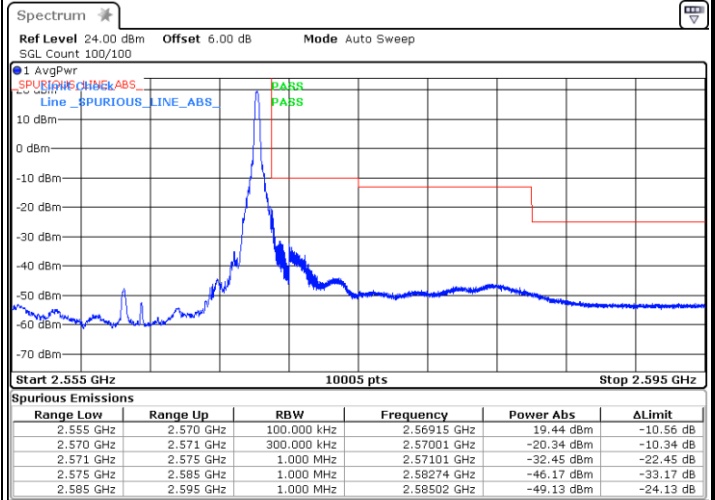


LTE Band 7 / 15MHz / 16QAM

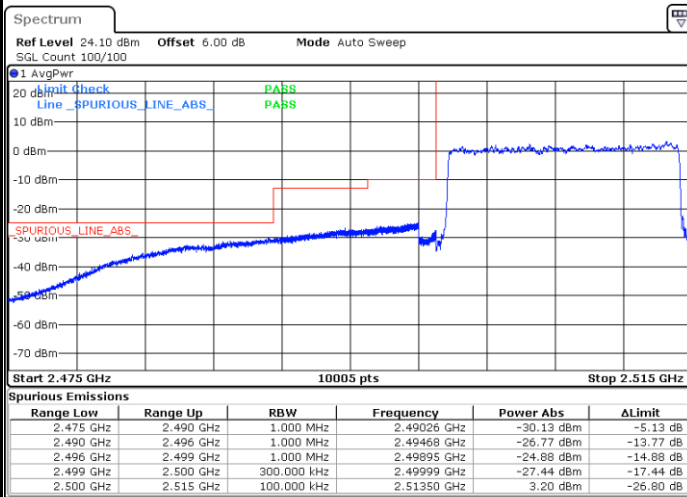
Lowest Band Edge / 1 RB



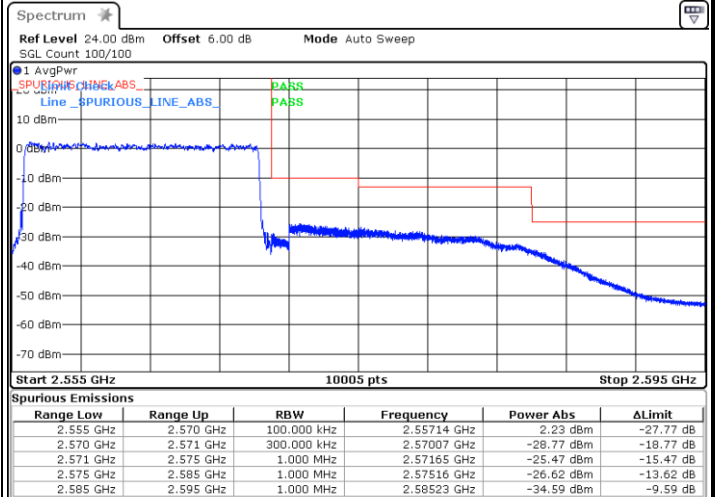
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



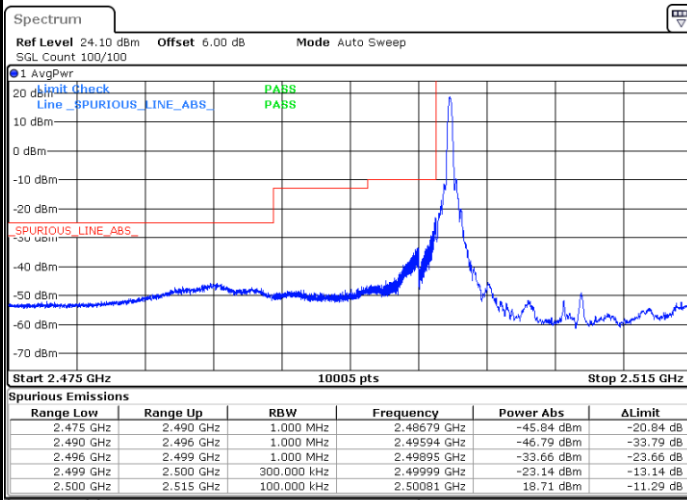
Highest Band Edge / Full RB





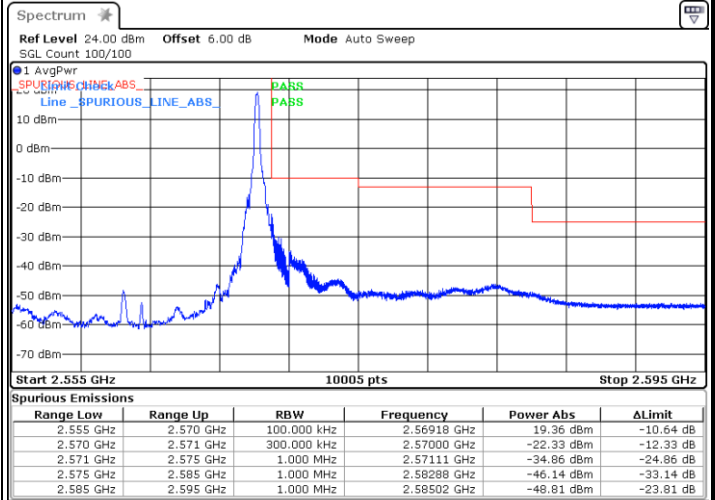
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



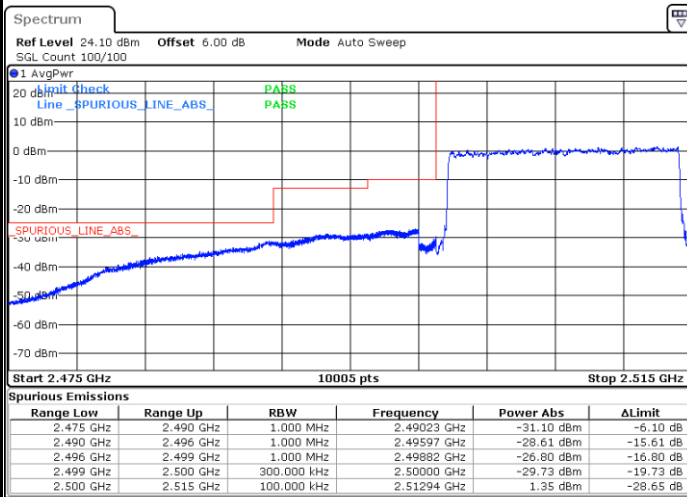
Date: 21 JUN 2022 10:29:51

Highest Band Edge / 1 RB



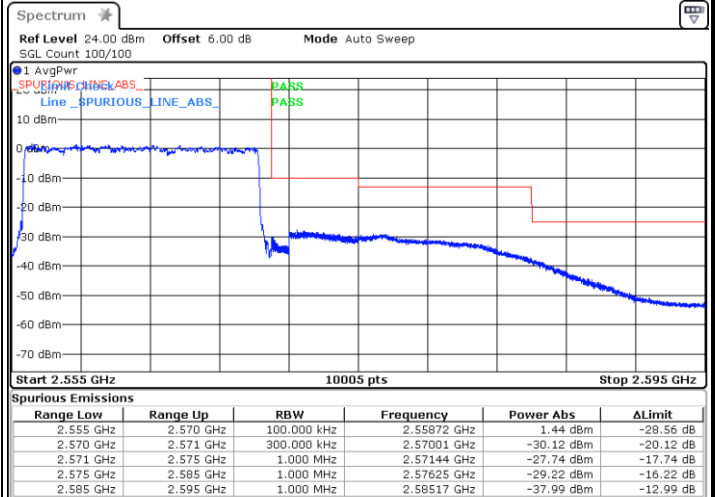
Date: 21 JUN 2022 10:36:05

Lowest Band Edge / Full RB



Date: 21 JUN 2022 10:30:55

Highest Band Edge / Full RB



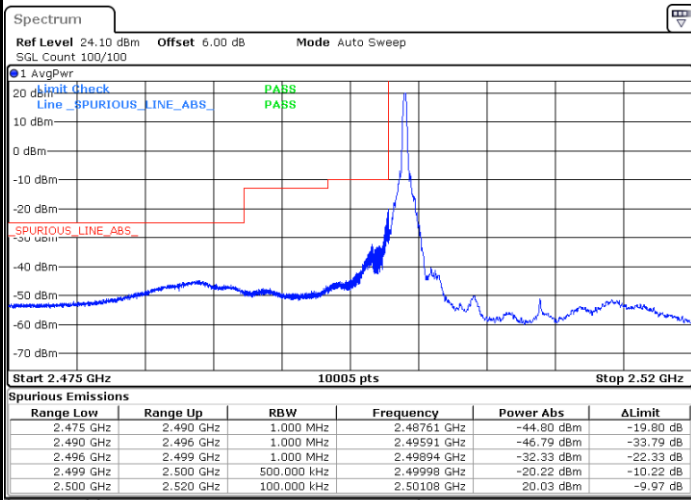
Date: 21 JUN 2022 10:34:34



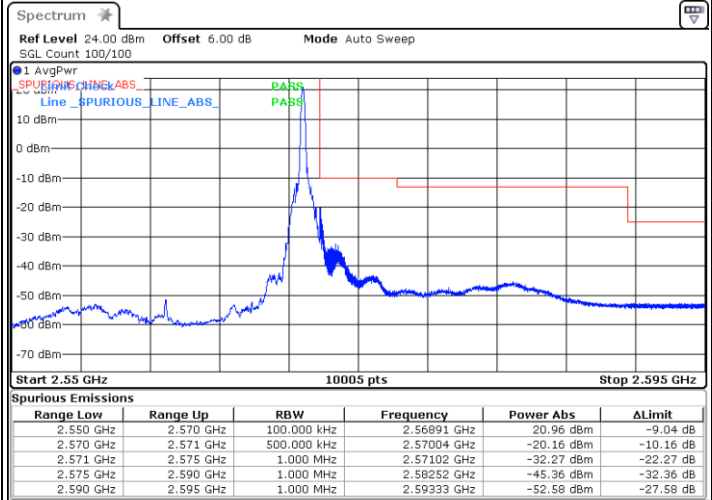
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



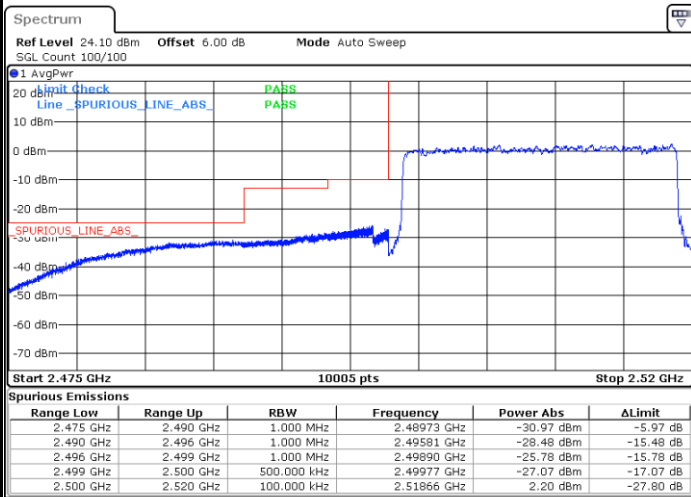
Date: 21.JUN.2022 10:41:11



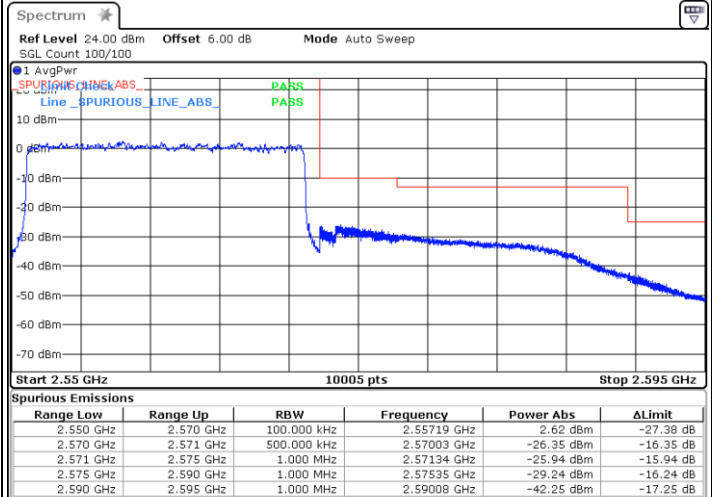
Date: 21.JUN.2022 10:50:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.JUN.2022 10:44:44

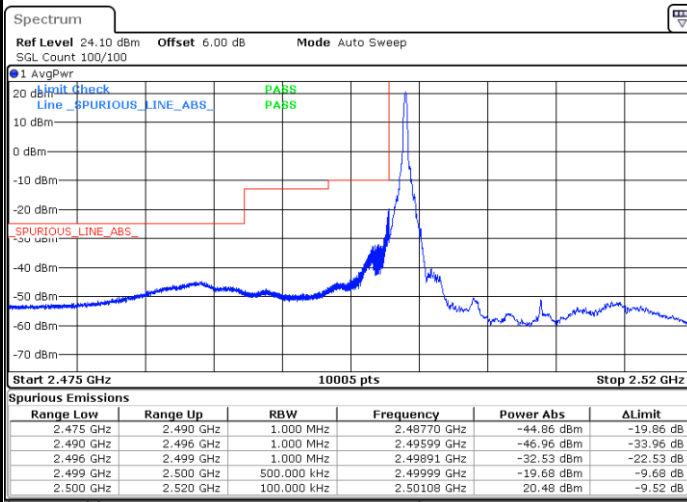


Date: 21.JUN.2022 10:45:46



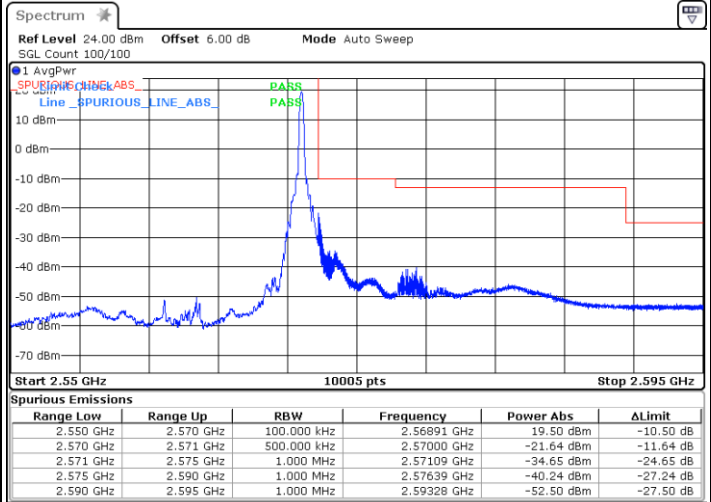
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



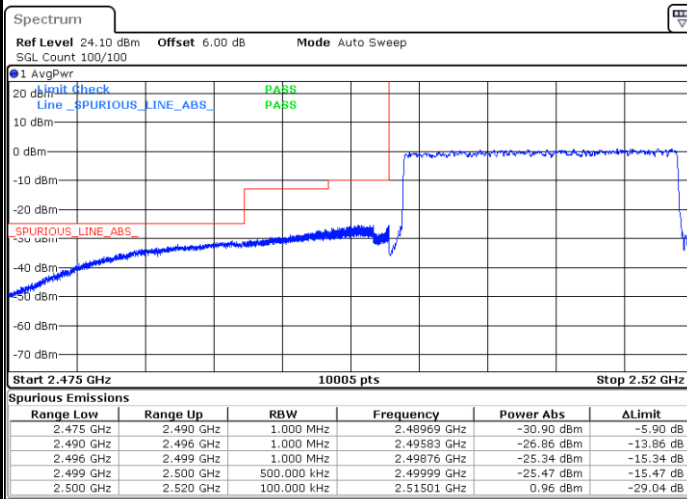
Date: 21.JUN.2022 10:41:57

Highest Band Edge / 1 RB



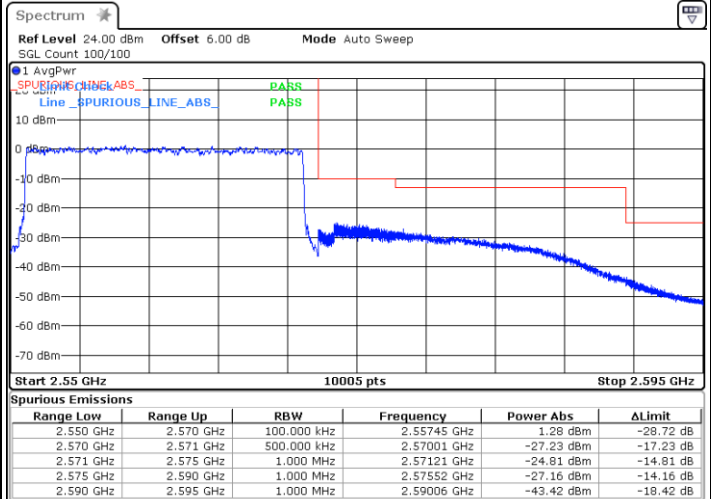
Date: 21.JUN.2022 10:50:28

Lowest Band Edge / Full RB



Date: 21.JUN.2022 10:44:20

Highest Band Edge / Full RB



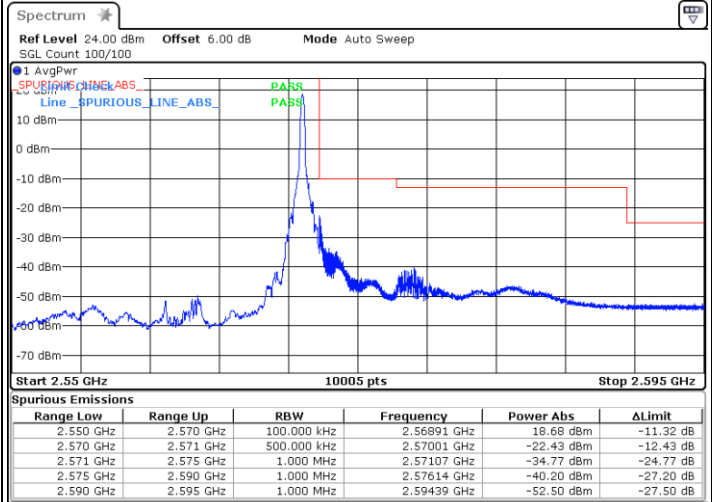
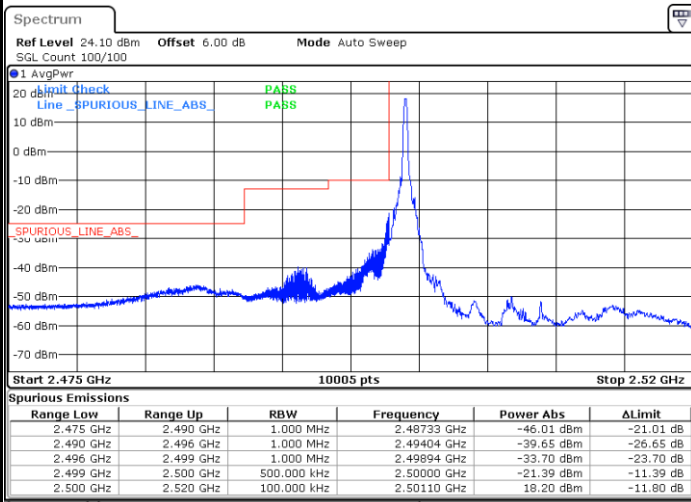
Date: 21.JUN.2022 10:46:17



LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

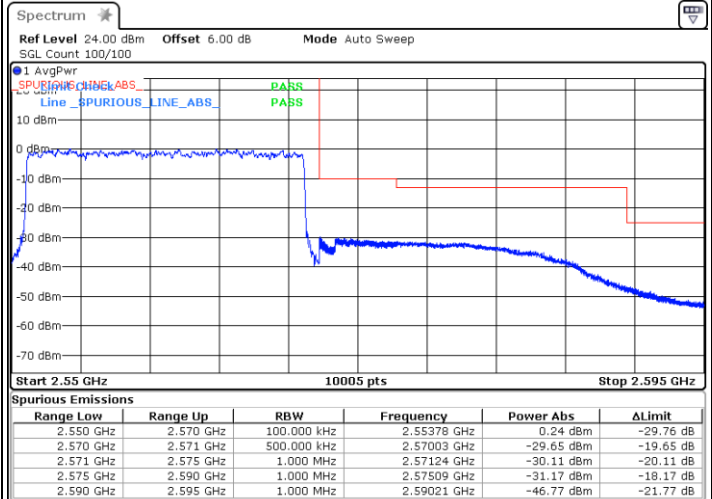
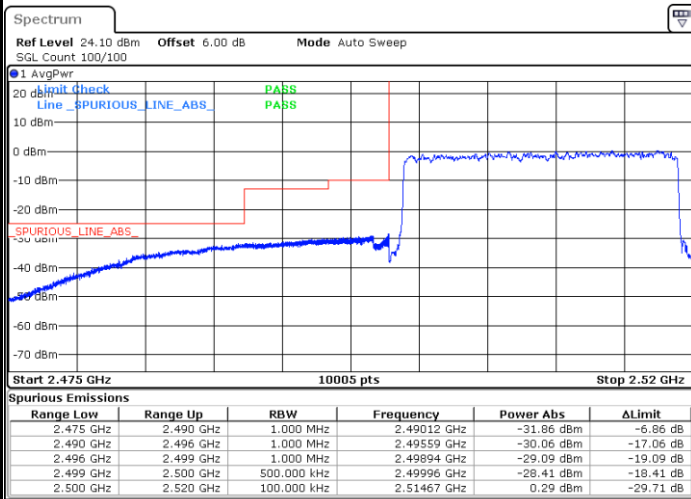


Date: 21.JUN.2022 10:42:51

Date: 21.JUN.2022 10:49:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



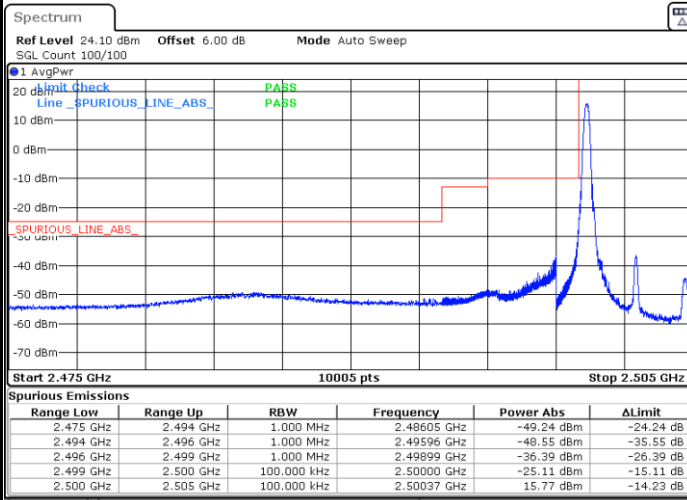
Date: 21.JUN.2022 10:43:56

Date: 21.JUN.2022 10:47:17



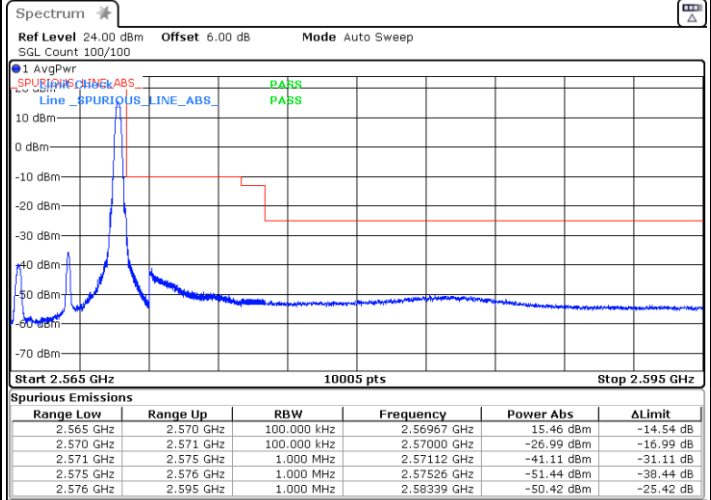
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



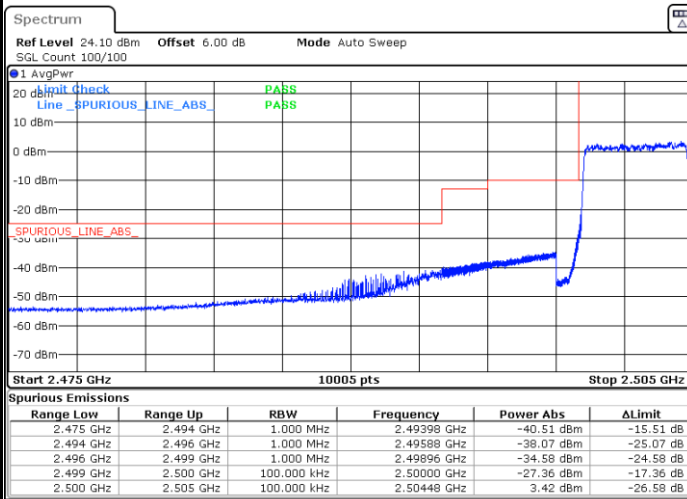
Date: 20 JUN.2022 17:35:48

Highest Band Edge / 1 RB



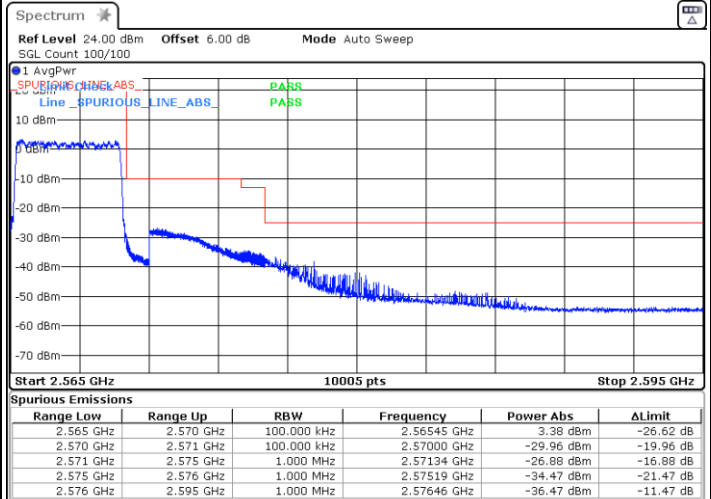
Date: 20 JUN.2022 18:32:11

Lowest Band Edge / Full RB



Date: 20 JUN.2022 17:39:54

Highest Band Edge / Full RB



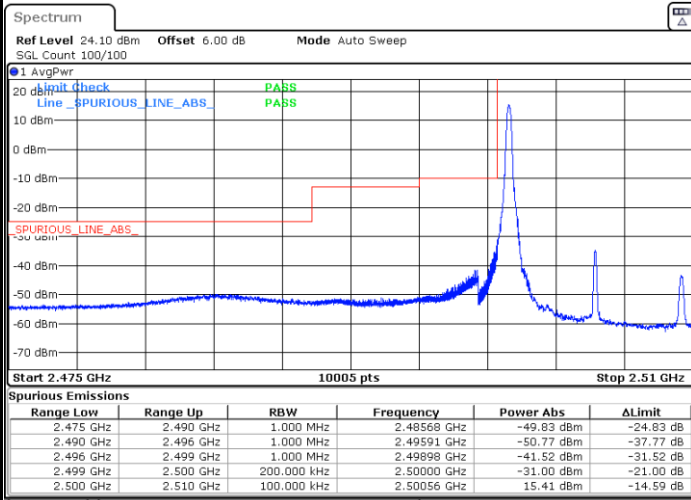
Date: 20 JUN.2022 18:28:58





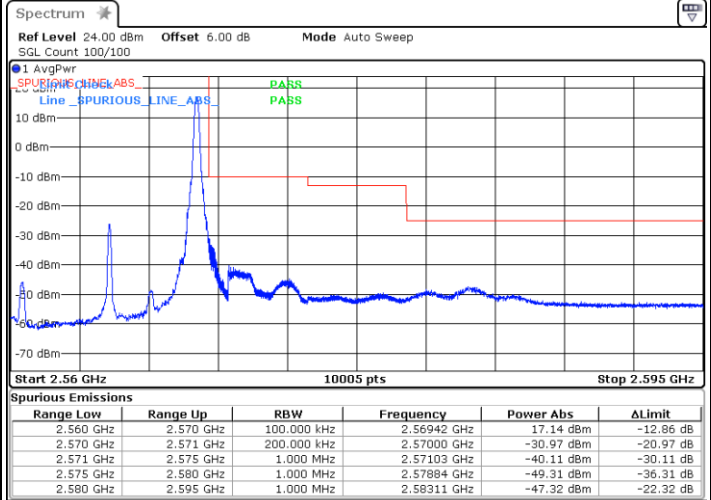
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



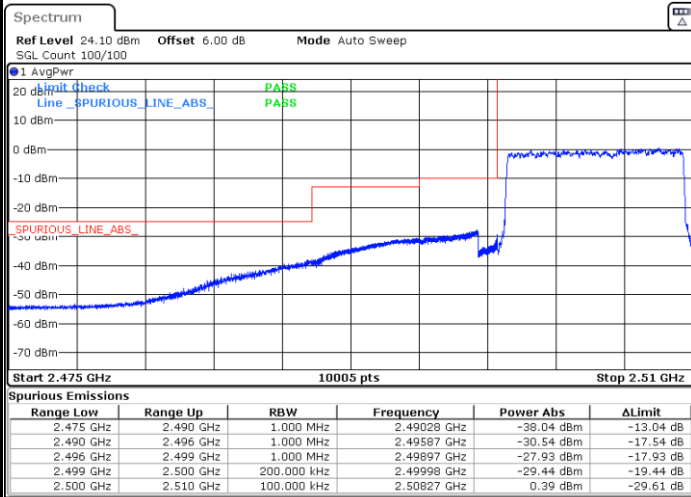
Date: 20 JUN.2022 18:40:28

Highest Band Edge / 1 RB



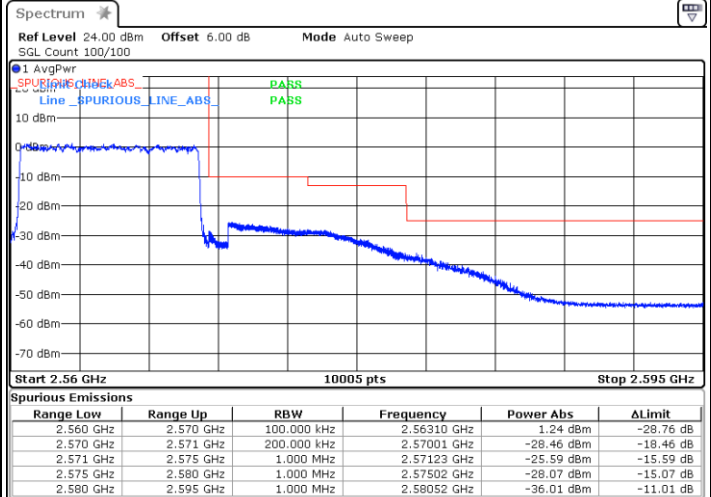
Date: 21 JUN.2022 10:24:04

Lowest Band Edge / Full RB



Date: 20 JUN.2022 19:04:12

Highest Band Edge / Full RB



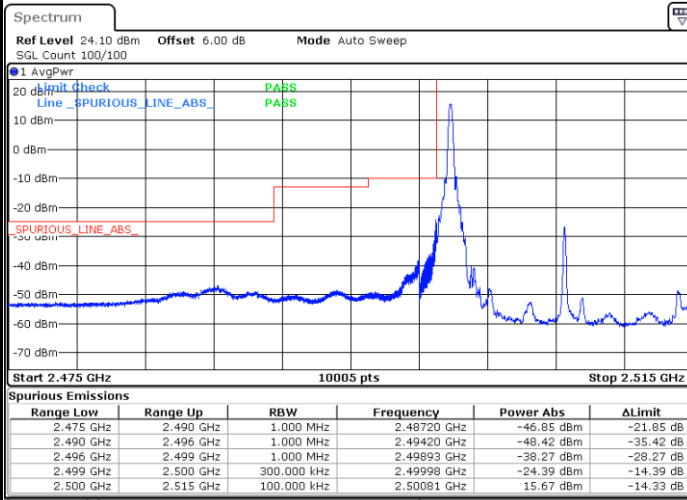
Date: 21 JUN.2022 10:22:50





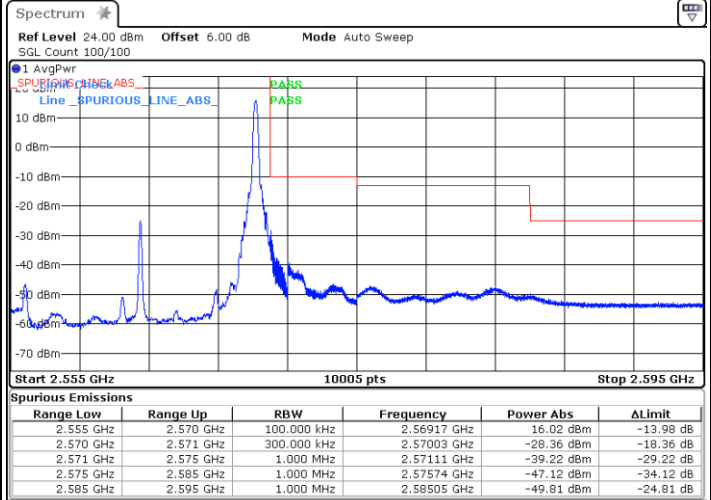
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



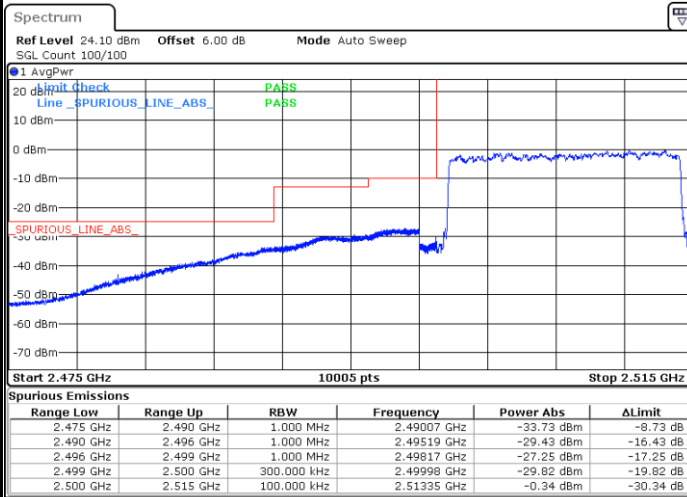
Date: 21 JUN.2022 10:28:55

Highest Band Edge / 1 RB



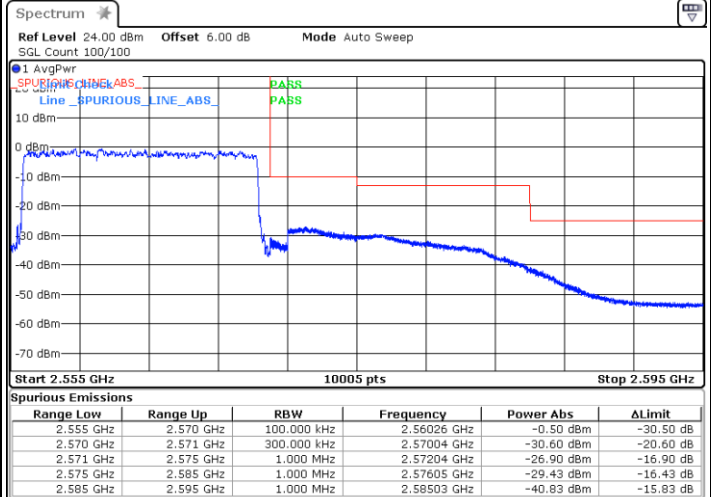
Date: 21 JUN.2022 10:35:13

Lowest Band Edge / Full RB



Date: 21 JUN.2022 10:30:30

Highest Band Edge / Full RB



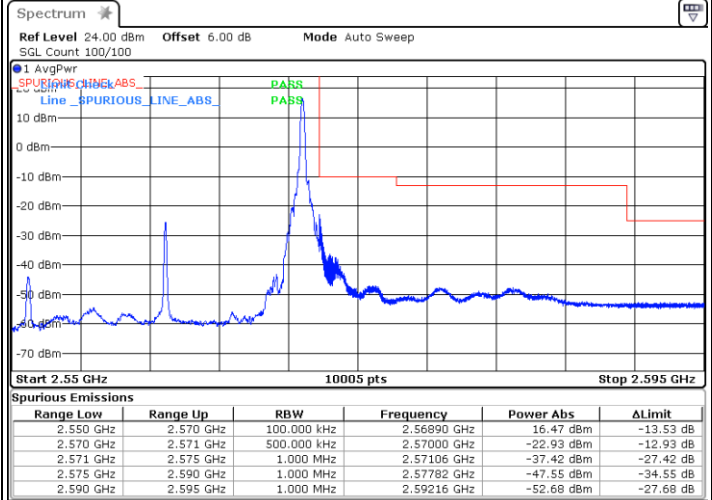
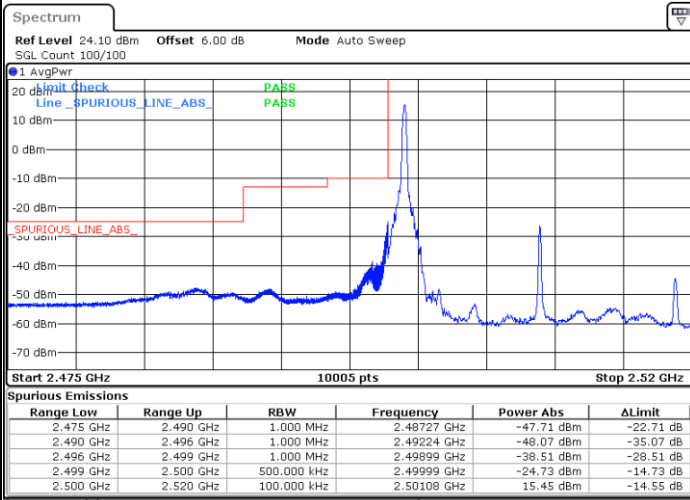
Date: 21 JUN.2022 10:33:58



LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

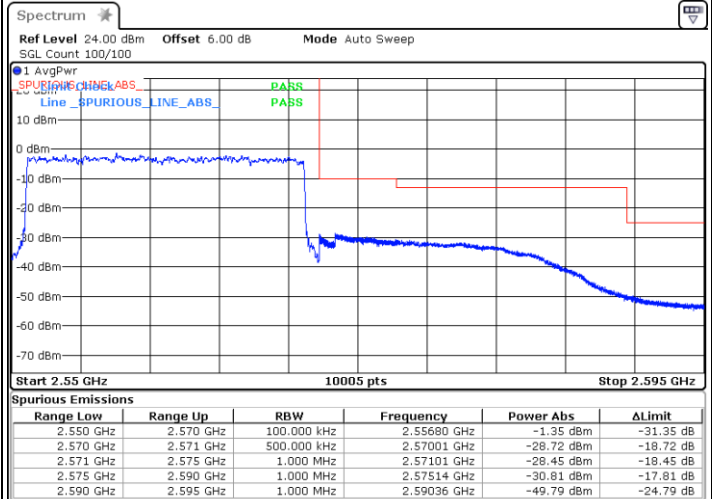
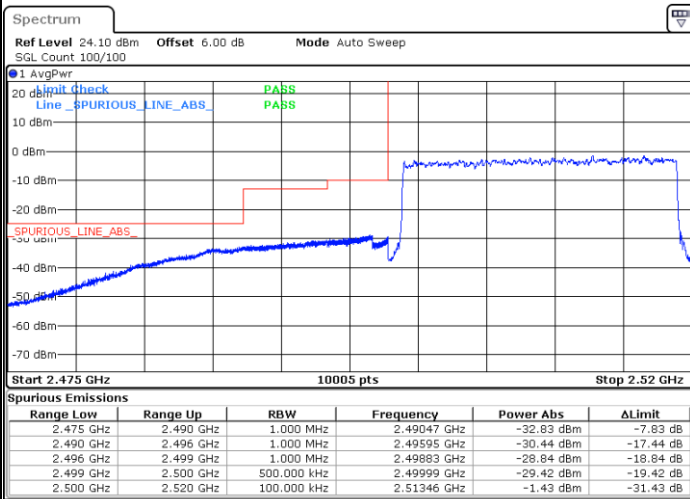


Date: 21.JUN.2022 10:42:20

Date: 21.JUN.2022 10:48:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

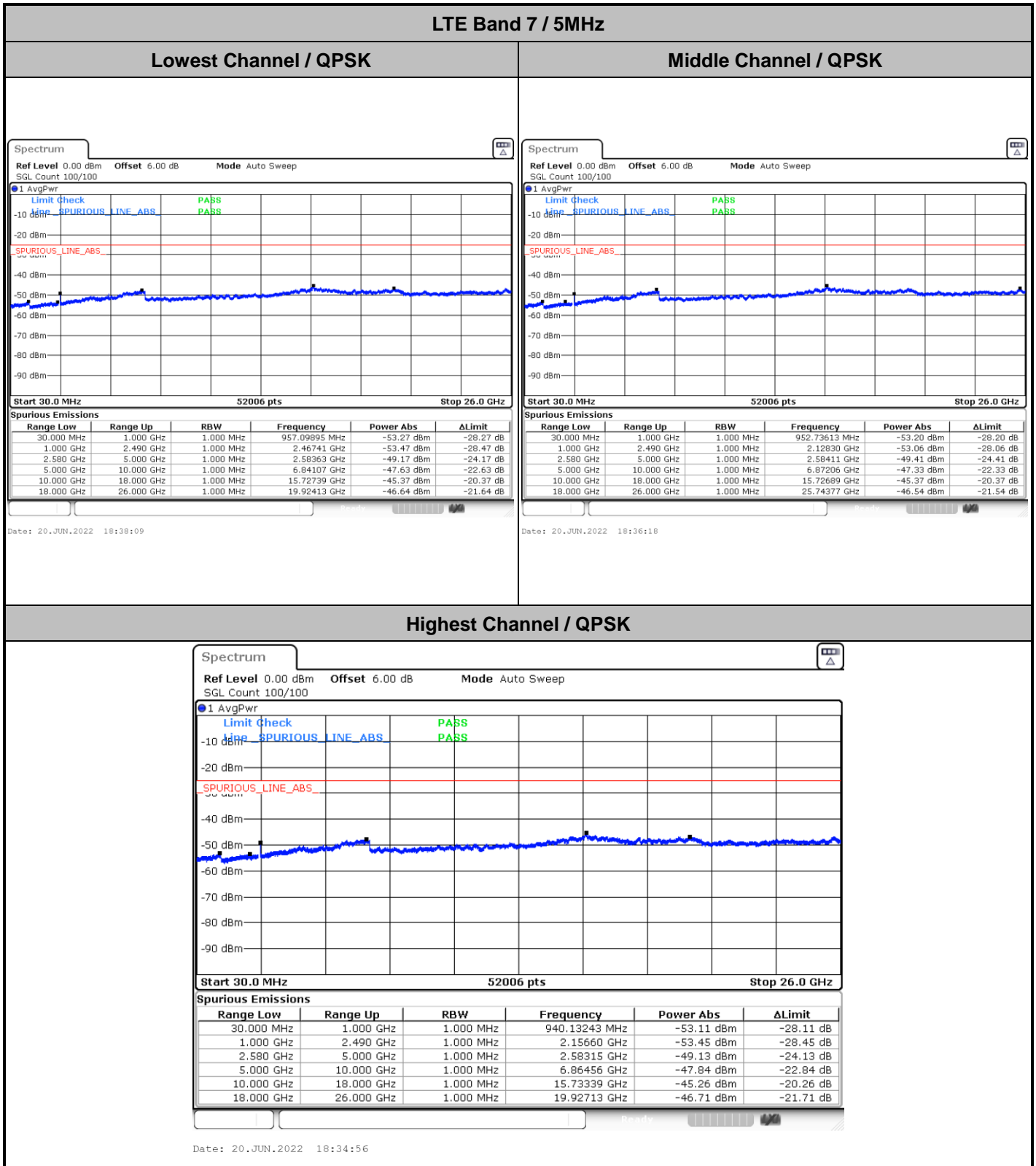


Date: 21.JUN.2022 10:43:19

Date: 21.JUN.2022 10:46:45



# Conducted Spurious Emission

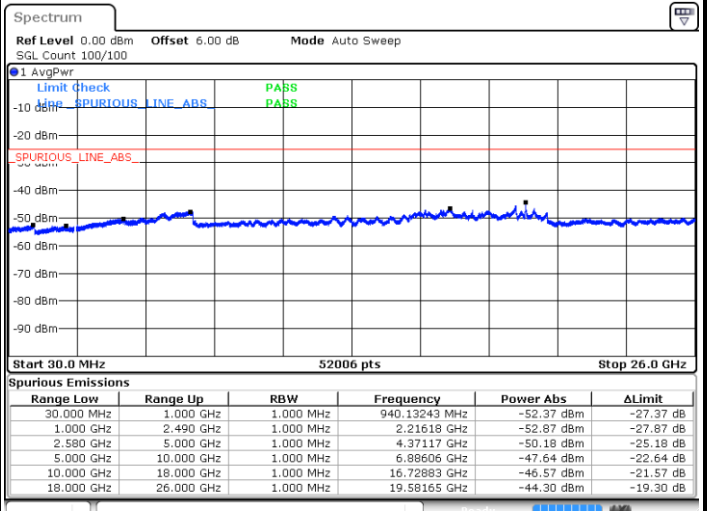
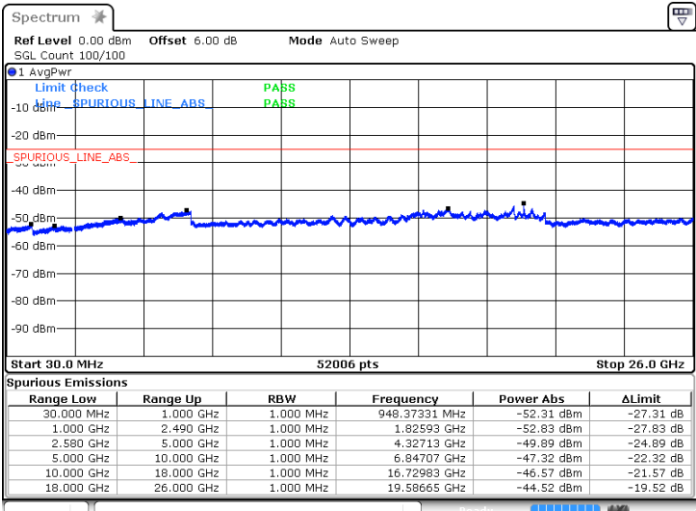




LTE Band 7 / 10MHz

Lowest Channel / QPSK

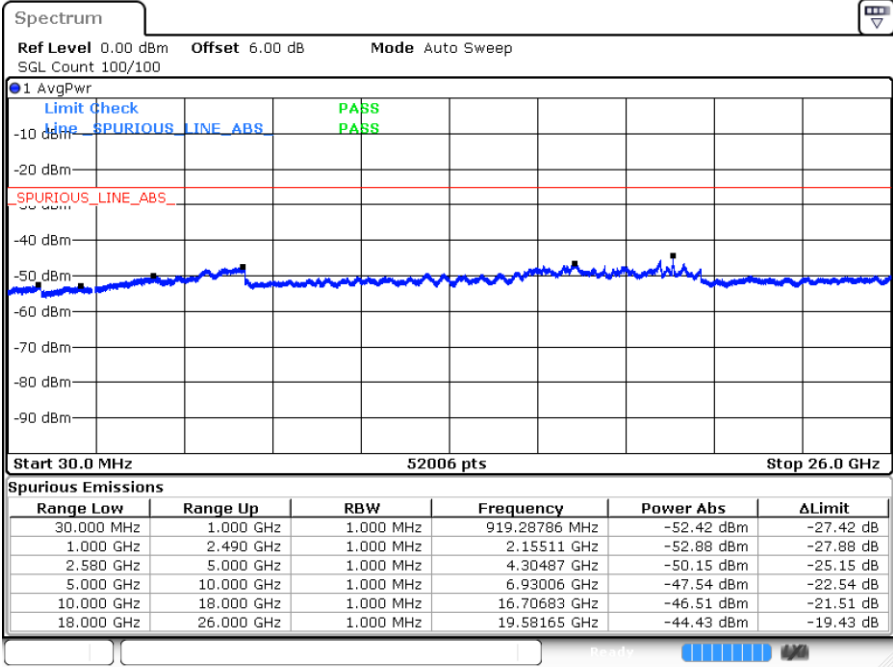
Middle Channel / QPSK



Date: 21 JUN 2022 14:47:02

Date: 21 JUN 2022 14:48:26

Highest Channel / QPSK



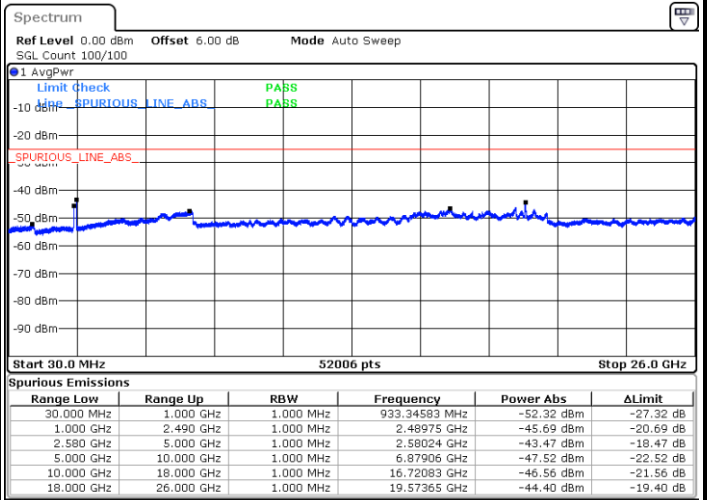
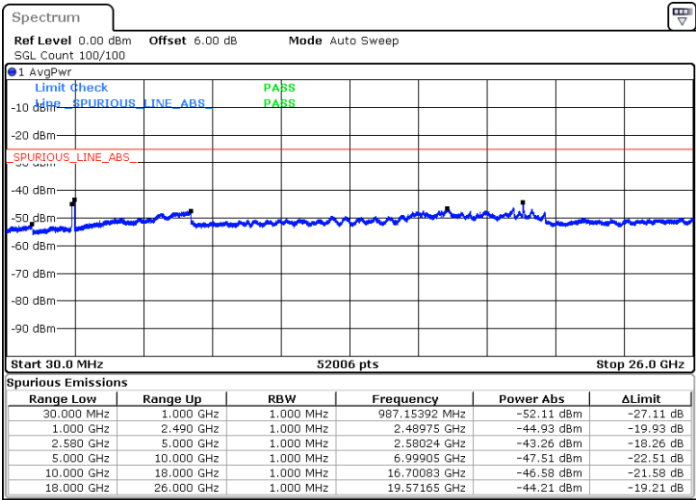
Date: 21 JUN 2022 14:49:56



LTE Band 7 / 15MHz

Lowest Channel / QPSK

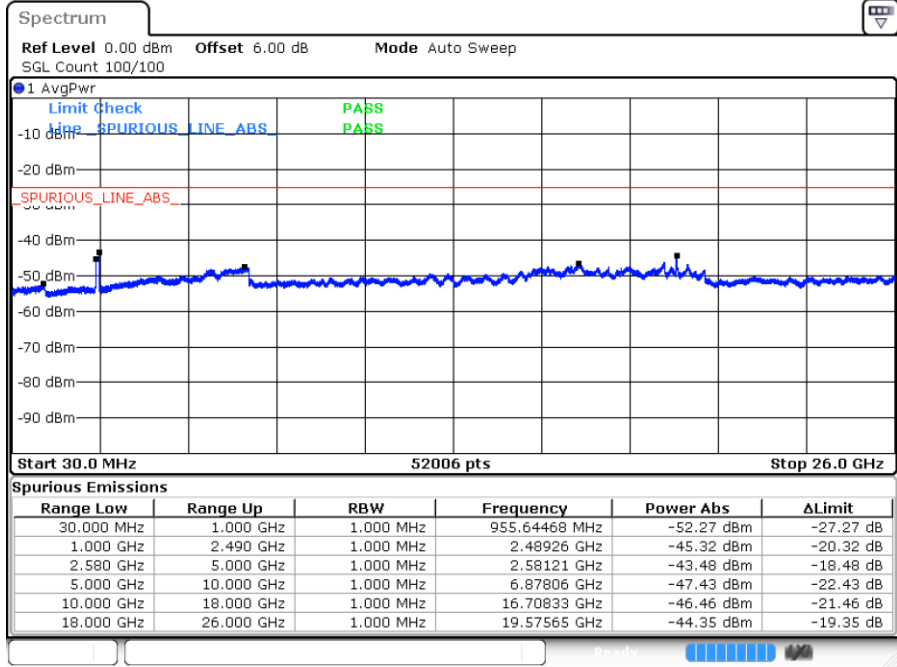
Middle Channel / QPSK



Date: 21 JUN 2022 10:32:52

Date: 21 JUN 2022 10:34:10

Highest Channel / QPSK



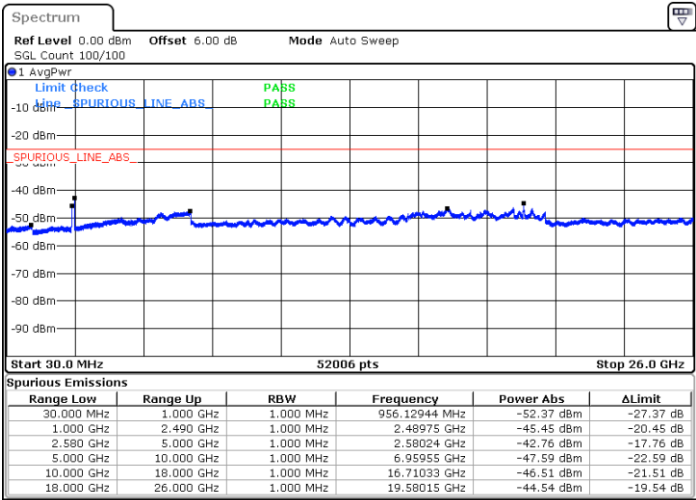
Date: 21 JUN 2022 10:35:27



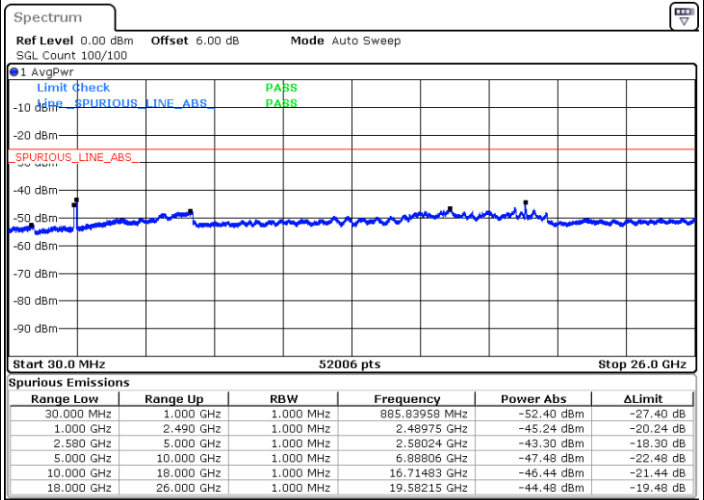
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

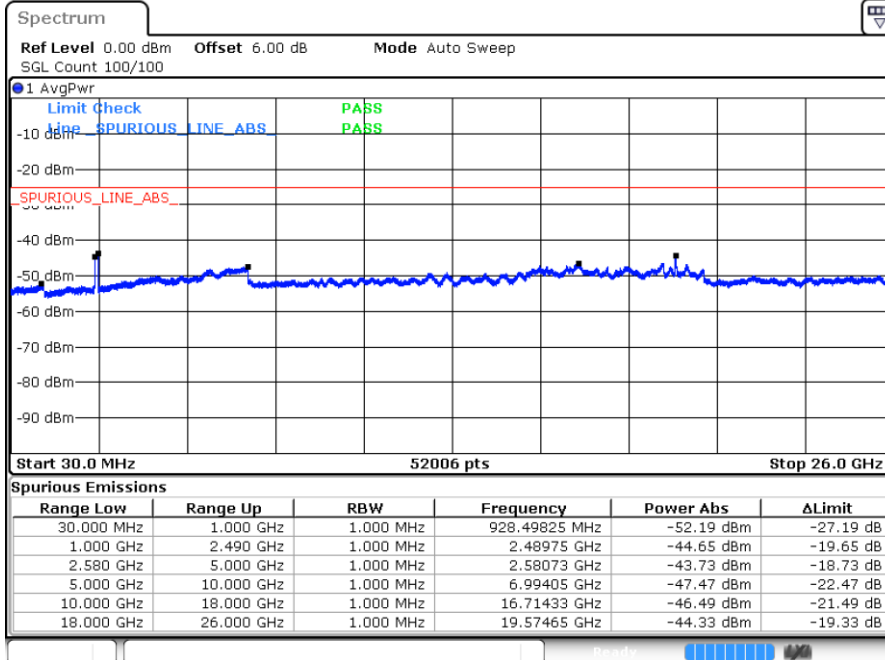


Date: 21 JUN 2022 10:28:10



Date: 21 JUN 2022 10:29:25

Highest Channel / QPSK



Date: 21 JUN 2022 10:31:30



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0011	

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

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

LTE Band 7 / 20MHz / QPSK for Ant.0								
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	5052	-59.58	-25	-34.58	-69.79	3.03	13.24	H
	7580	-44.34	-25	-19.34	-53.79	3.56	13.01	H
	10100	-61.64	-25	-36.64	-71.16	3.92	13.44	H
	12630	-55.55	-25	-30.55	-65.47	4.44	14.36	H
	5052	-59.80	-25	-34.80	-70.01	3.03	13.24	V
	7576	-48.42	-25	-23.42	-57.87	3.56	13.01	V
	10100	-61.36	-25	-36.36	-70.88	3.92	13.44	V
	12630	-55.23	-25	-30.23	-65.15	4.44	14.36	V

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

LTE Band 41 / 20MHz / QPSK for 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	5162	-58.20	-25	-33.20	-68.41	3.03	13.24	H
	7752	-37.20	-25	-12.20	-46.65	3.56	13.01	H
	10342	-61.19	-25	-36.19	-70.71	3.92	13.44	H
	12918	-57.08	-25	-32.08	-67.00	4.44	14.36	H
	5162	-51.47	-25	-26.47	-61.68	3.03	13.24	V
	7752	-39.25	-25	-14.25	-48.70	3.56	13.01	V
	10342	-61.11	-25	-36.11	-70.63	3.92	13.44	V
	12918	-54.58	-25	-29.58	-64.50	4.44	14.36	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK for Ant.0								
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	5036	-56.72	-25	-31.72	-66.93	3.03	13.24	H
	7542	-49.13	-25	-24.13	-58.58	3.56	13.01	H
	10062	-62.07	-25	-37.07	-71.59	3.92	13.44	H
	12582	-57.53	-25	-32.53	-67.45	4.44	14.36	H
	5036	-62.70	-25	-37.70	-72.91	3.03	13.24	V
	7542	-53.36	-25	-28.36	-62.81	3.56	13.01	V
	10062	-62.43	-25	-37.43	-71.95	3.92	13.44	V
	12582	-59.11	-25	-34.11	-69.03	4.44	14.36	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK for 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	5148	-54.05	-25	-29.05	-64.26	3.03	13.24	H
	7724	-46.93	-25	-21.93	-56.38	3.56	13.01	H
	10300	-62.35	-25	-37.35	-71.87	3.92	13.44	H
	12880	-57.86	-25	-32.86	-67.78	4.44	14.36	H
	5148	-62.66	-25	-37.66	-72.87	3.03	13.24	V
	7724	-46.82	-25	-21.82	-56.27	3.56	13.01	V
	10300	-62.54	-25	-37.54	-72.06	3.92	13.44	V
	12880	-56.87	-25	-31.87	-66.79	4.44	14.36	V

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

LTE Band 41C_CA / 20MHz+20MHz / QPSK for 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	5148	-56.08	-25	-31.08	-66.29	3.03	13.24	H
	7724	-46.45	-25	-21.45	-55.90	3.56	13.01	H
	10300	-62.10	-25	-37.10	-71.62	3.92	13.44	H
	12876	-55.70	-25	-30.70	-65.62	4.44	14.36	H
	5148	-59.92	-25	-34.92	-70.13	3.03	13.24	V
	7724	-48.11	-25	-23.11	-57.56	3.56	13.01	V
	10300	-62.39	-25	-37.39	-71.91	3.92	13.44	V
	12876	-57.28	-25	-32.28	-67.20	4.44	14.36	V

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