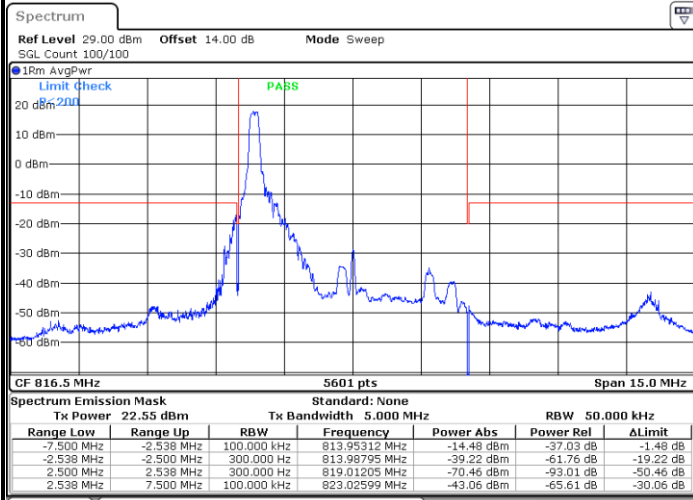




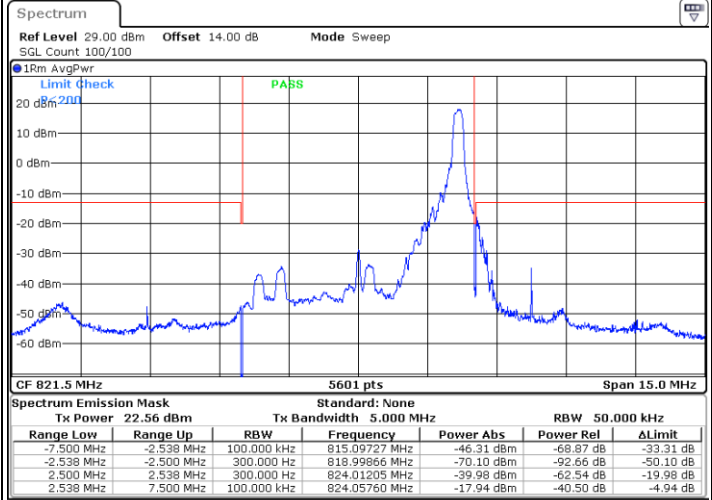
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



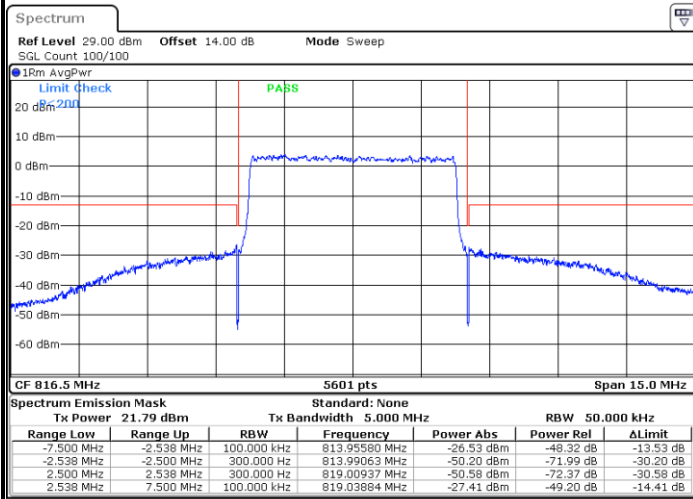
Date: 11.JUL.2022 18:13:22

Highest Band Edge / 1 RB



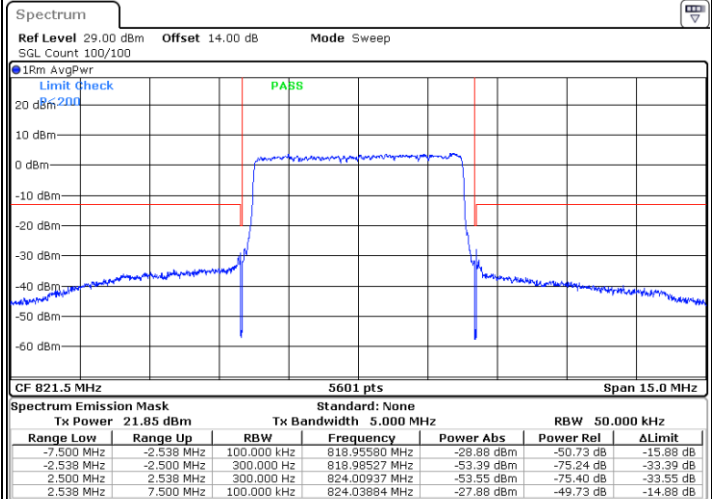
Date: 11.JUL.2022 18:17:30

Lowest Band Edge / Full RB



Date: 11.JUL.2022 18:15:26

Highest Band Edge / Full RB

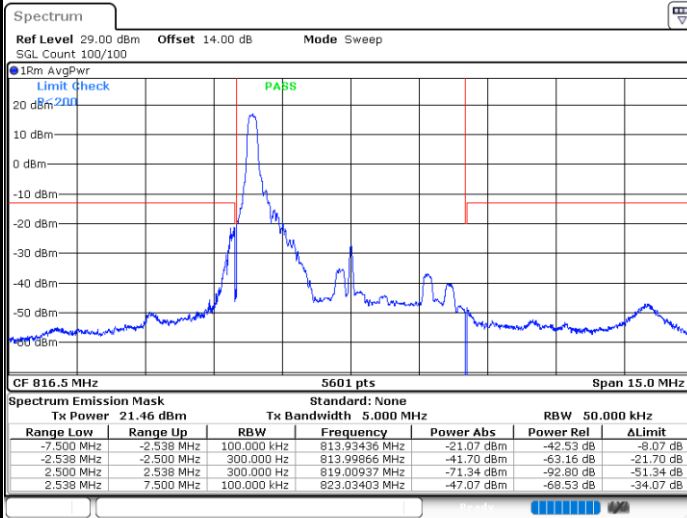


Date: 11.JUL.2022 18:19:35

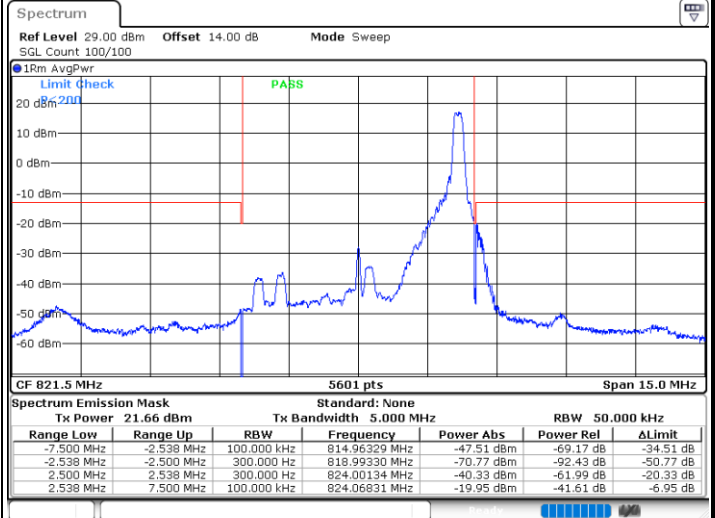


LTE Band 26 / 5MHz / 64QAM

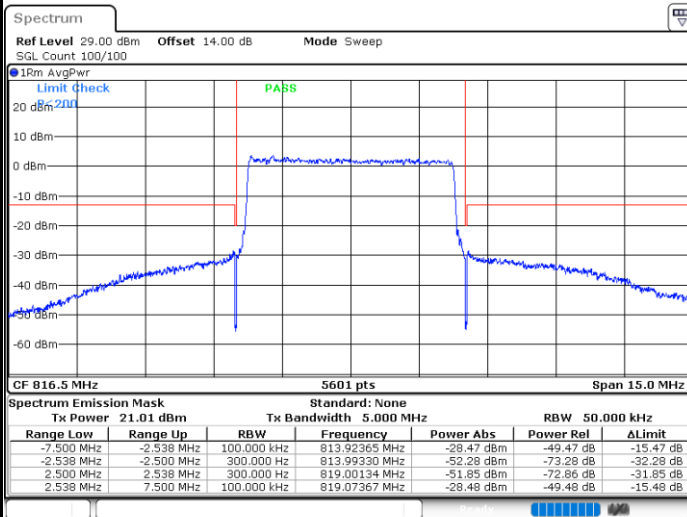
Lowest Band Edge / 1RB



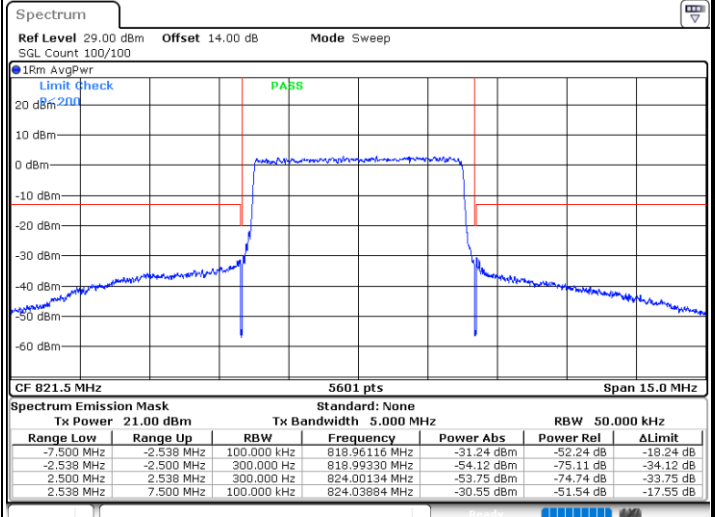
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



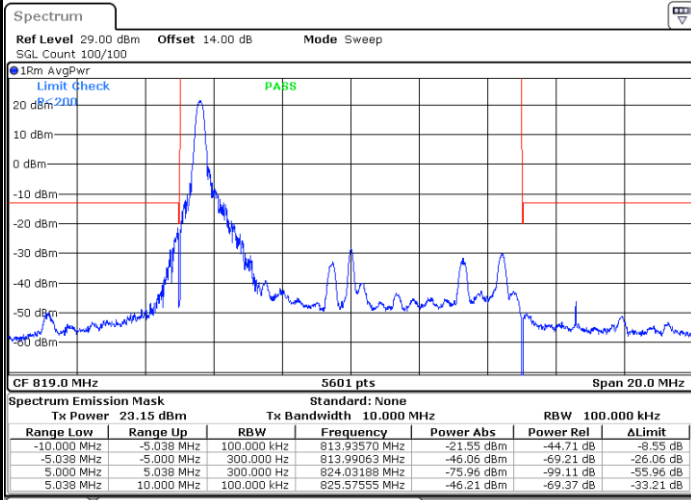
Highest Band Edge / Full RB





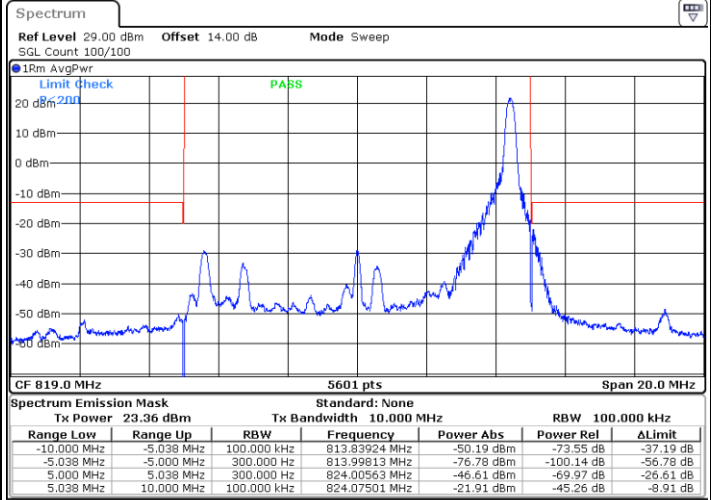
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



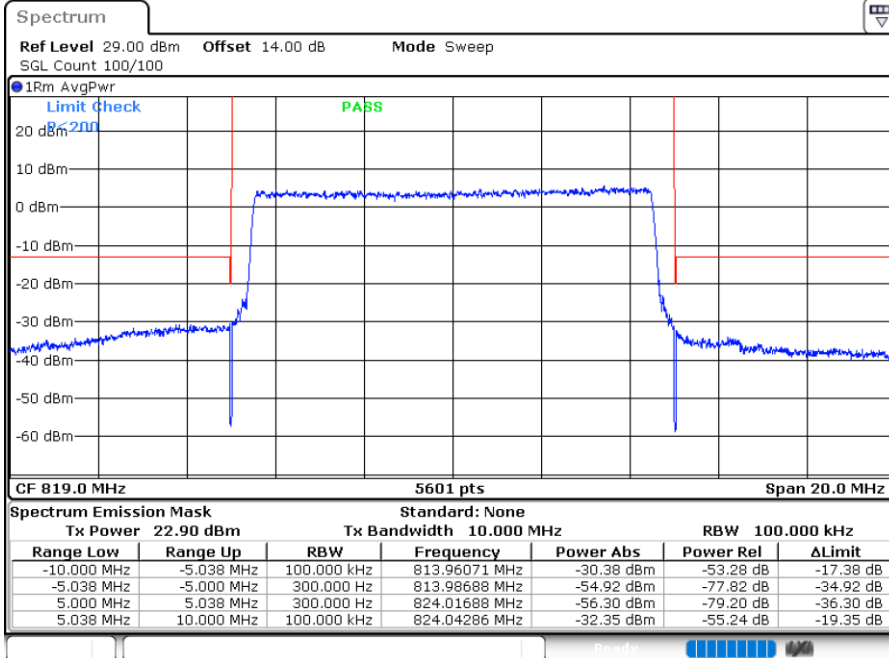
Date: 11.JUL.2022 18:20:39

Highest Band Edge / 1 RB



Date: 11.JUL.2022 18:22:42

Band Edge / Full RB

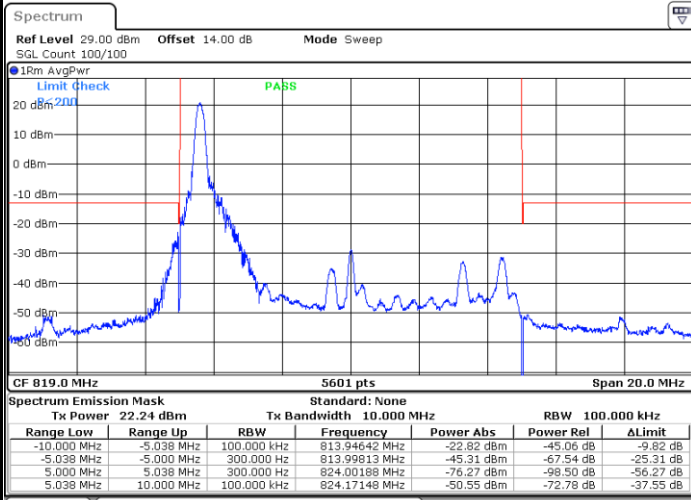


Date: 11.JUL.2022 18:24:46



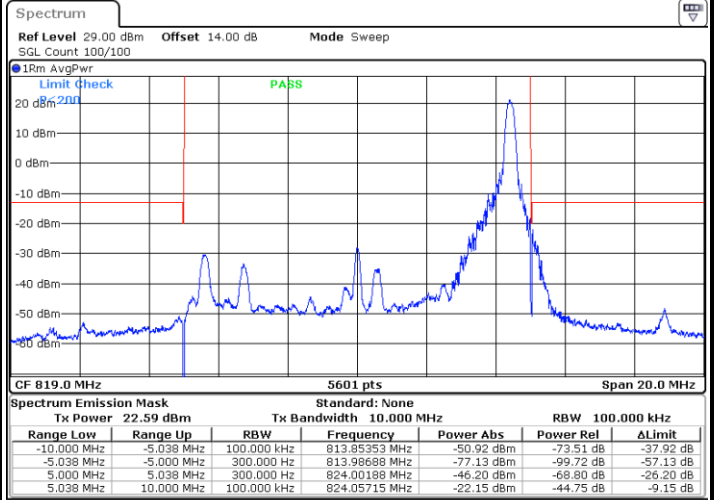
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



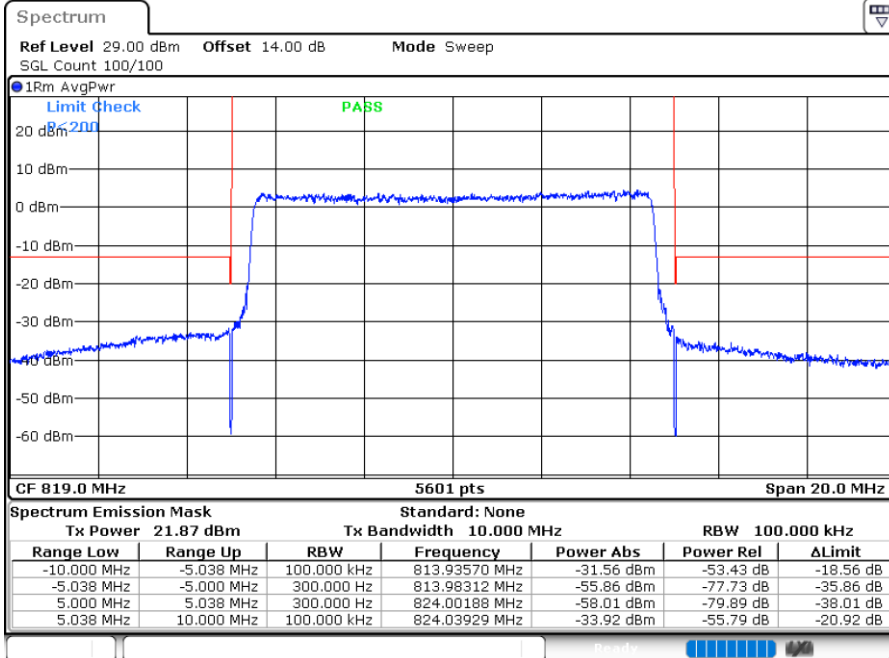
Date: 11.JUL.2022 18:21:40

Highest Band Edge / 1 RB



Date: 11.JUL.2022 18:23:44

Band Edge / Full RB

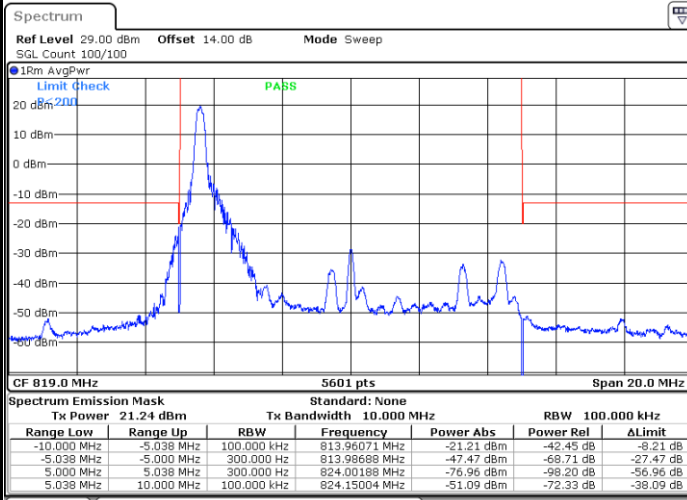


Date: 11.JUL.2022 18:25:48



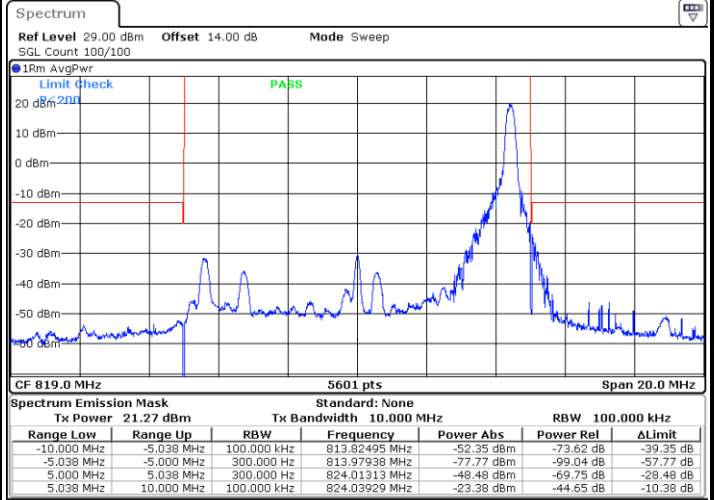
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



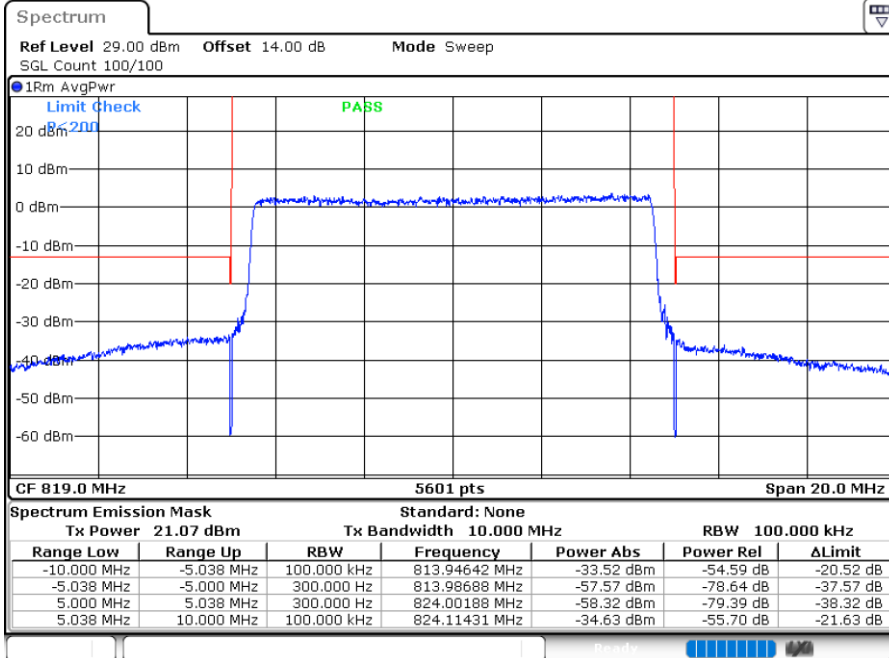
Date: 11.JUL.2022 18:45:32

Highest Band Edge / 1 RB



Date: 11.JUL.2022 18:46:34

Band Edge / Full RB

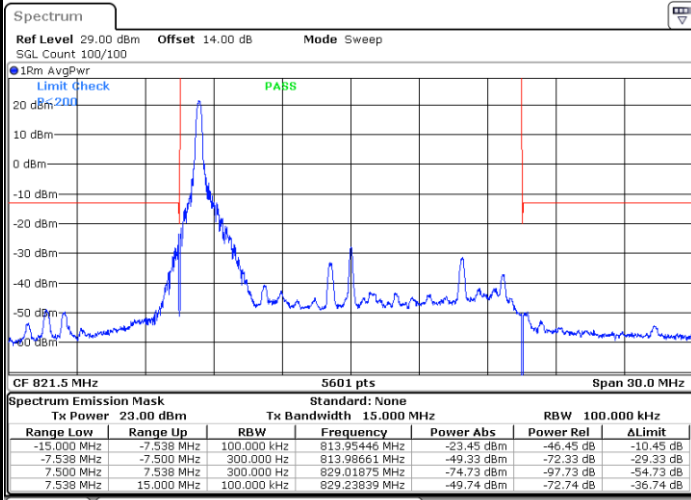


Date: 11.JUL.2022 18:47:37



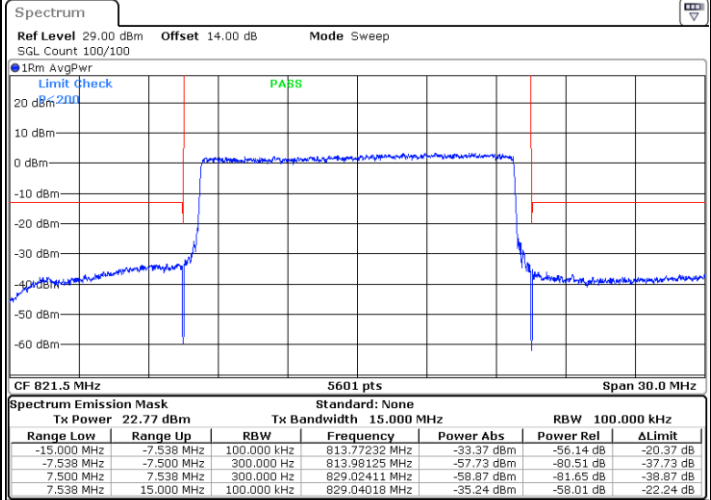
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 11.JUL.2022 18:26:51

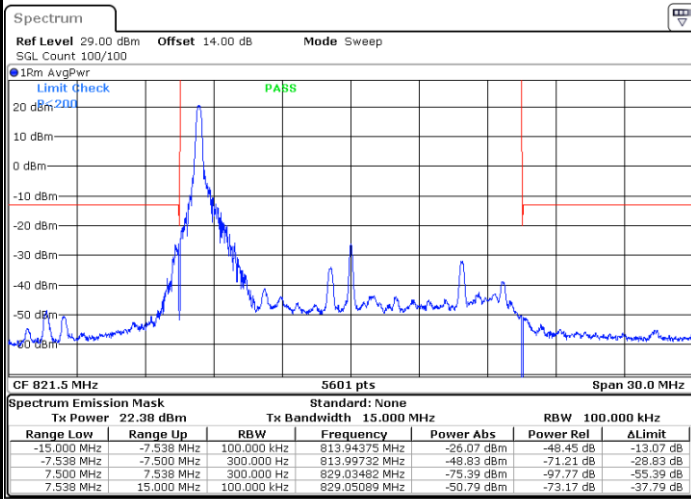
Lowest Band Edge / Full RB



Date: 11.JUL.2022 18:30:59

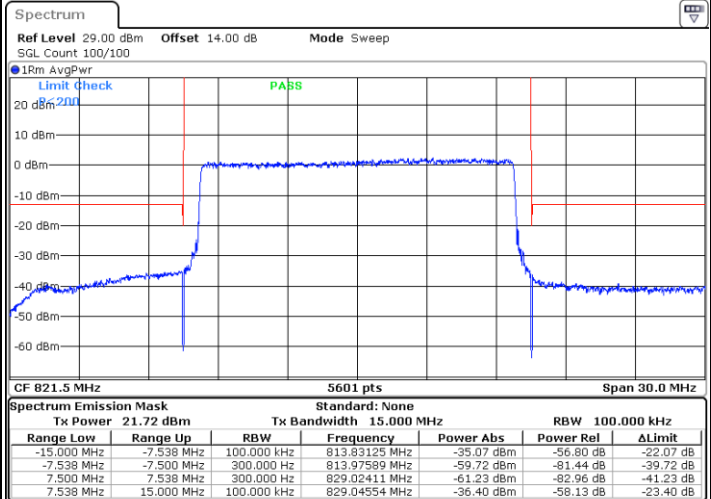
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 11.JUL.2022 18:27:53

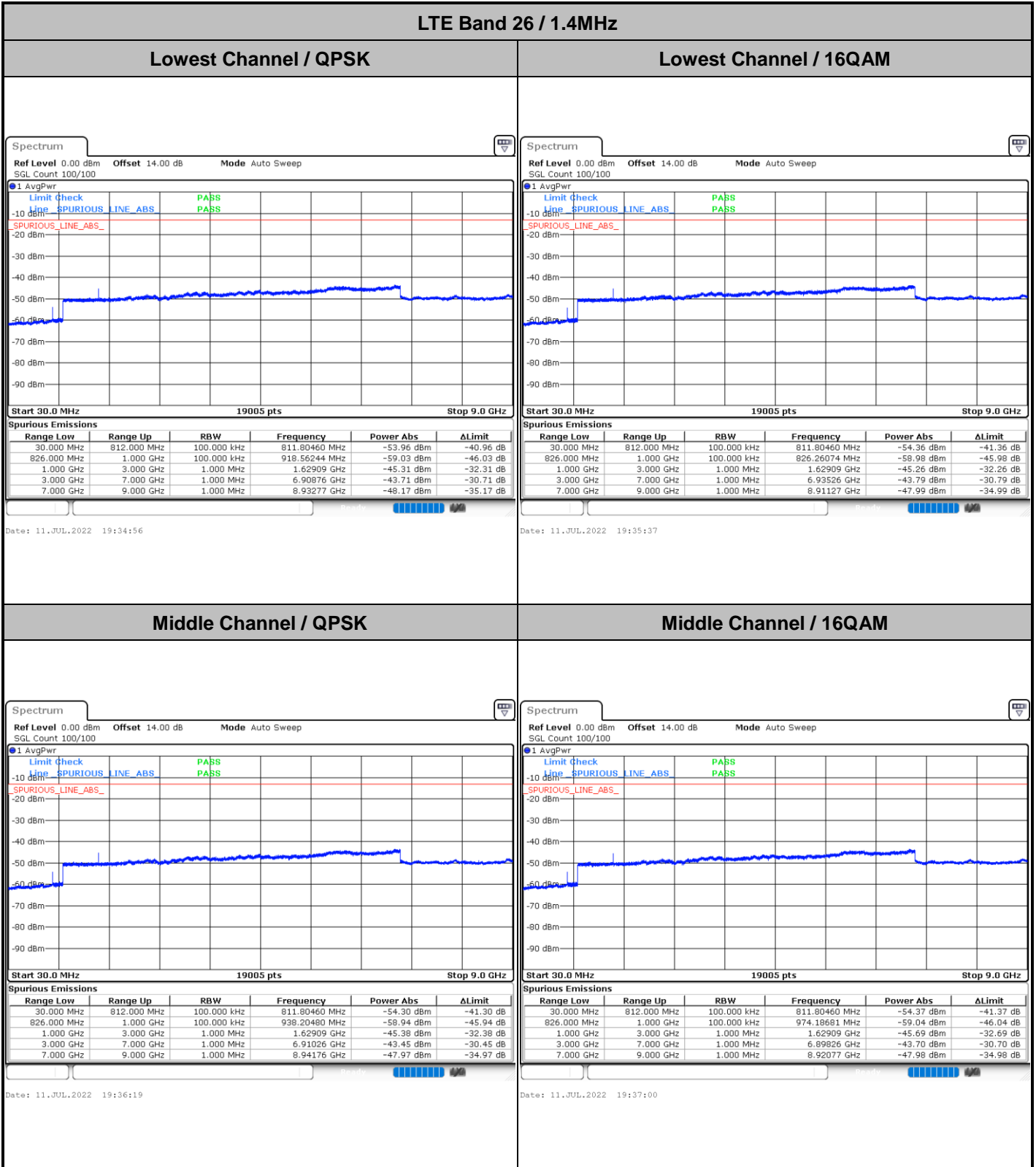
Lowest Band Edge / Full RB



Date: 11.JUL.2022 18:32:01



Conducted Spurious Emission

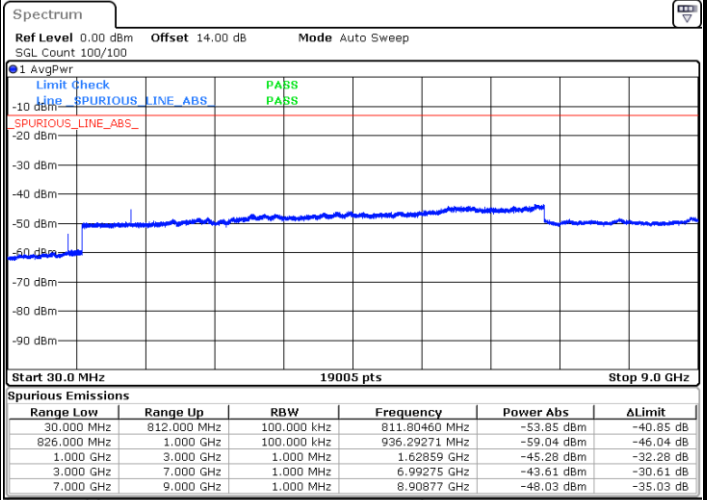
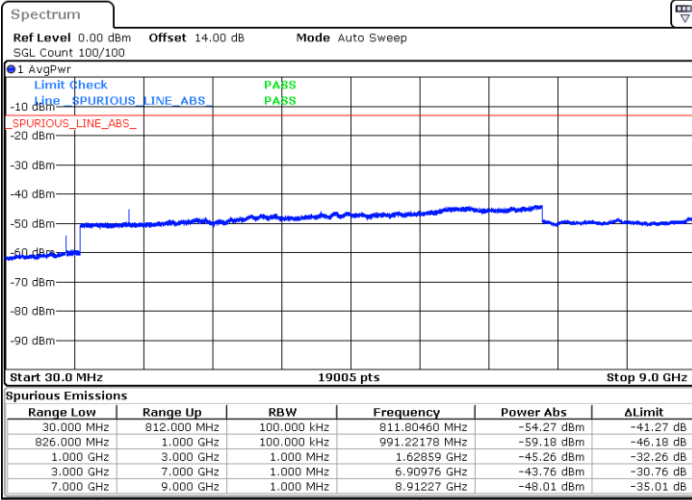




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



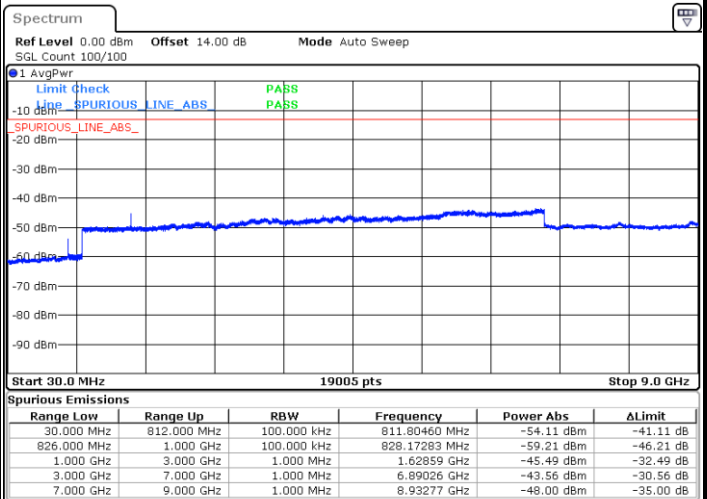
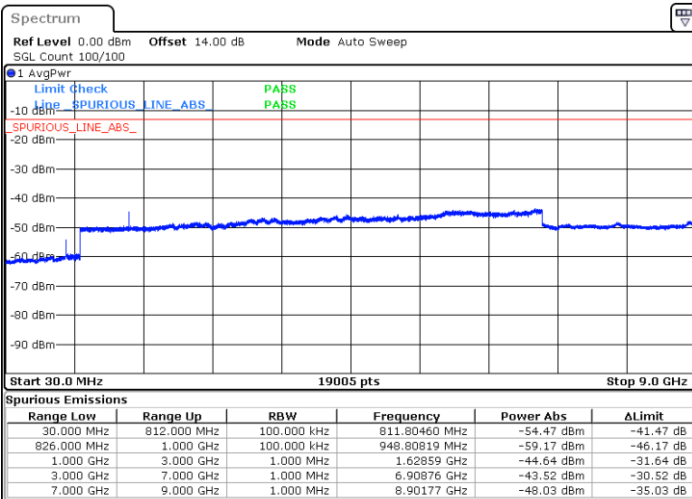
Date: 11.JUL.2022 19:37:41

Date: 11.JUL.2022 19:38:23

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 11.JUL.2022 19:41:08

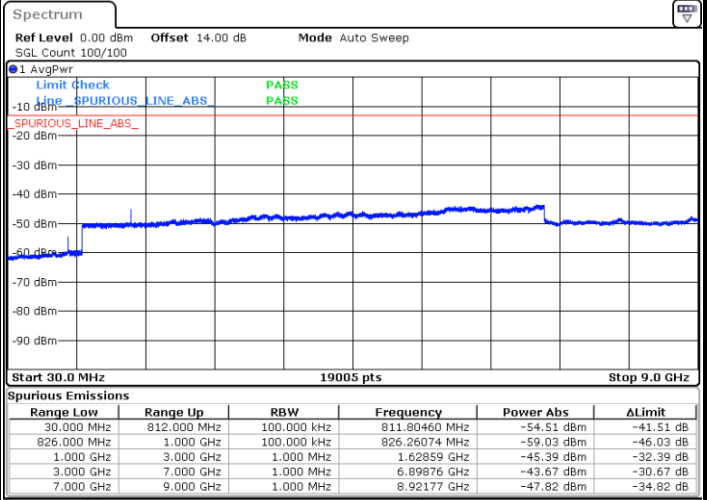
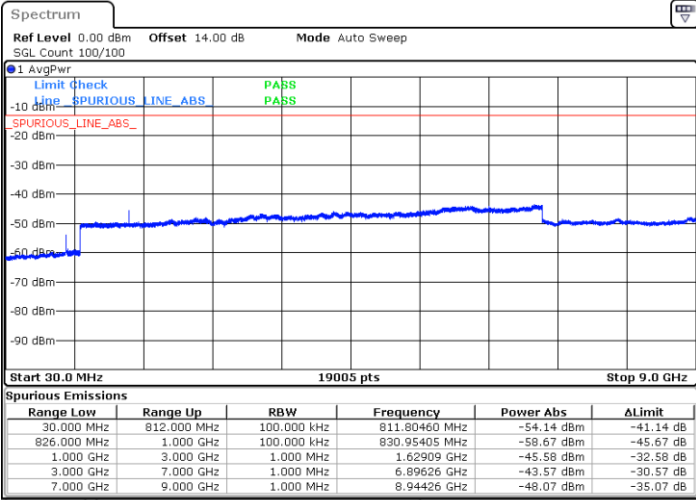
Date: 11.JUL.2022 19:41:49



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

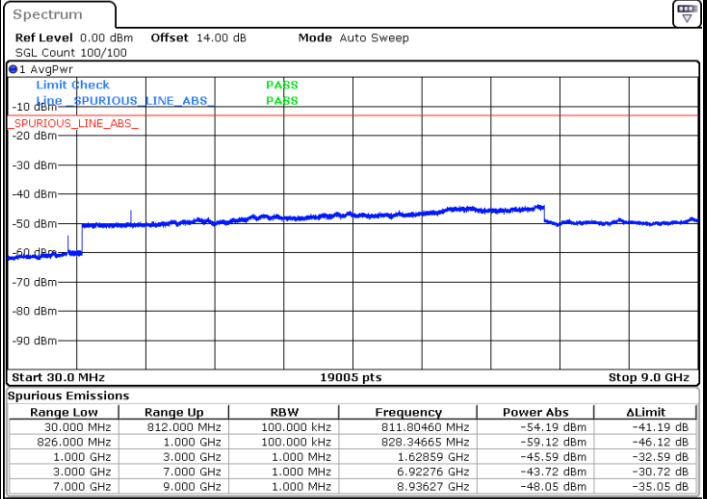
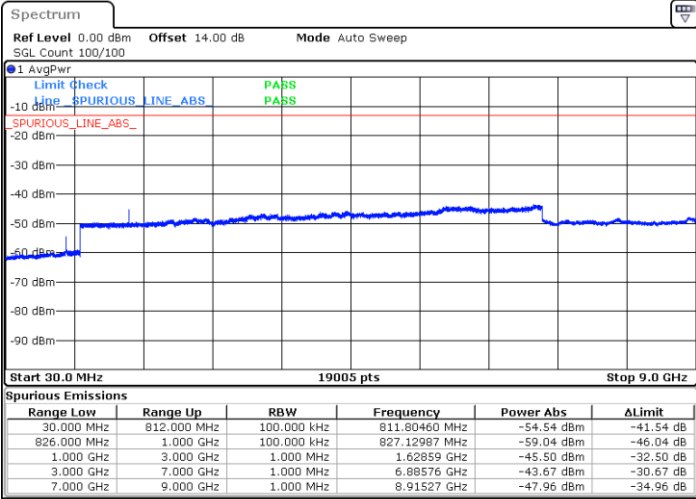


Date: 11.JUL.2022 19:42:31

Date: 11.JUL.2022 19:43:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 11.JUL.2022 19:43:54

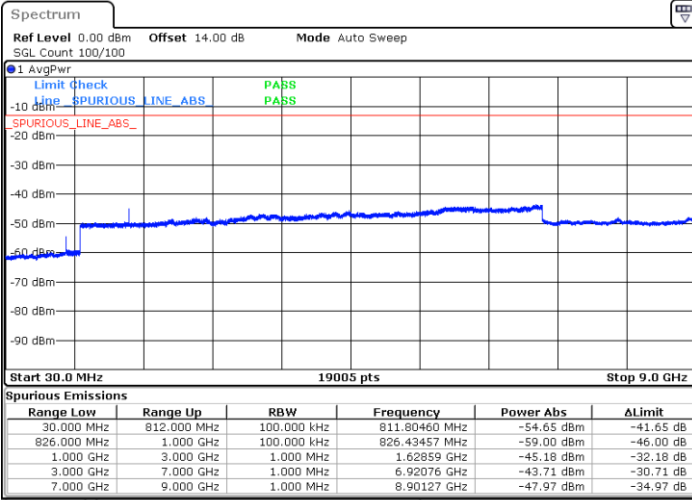
Date: 11.JUL.2022 19:44:35



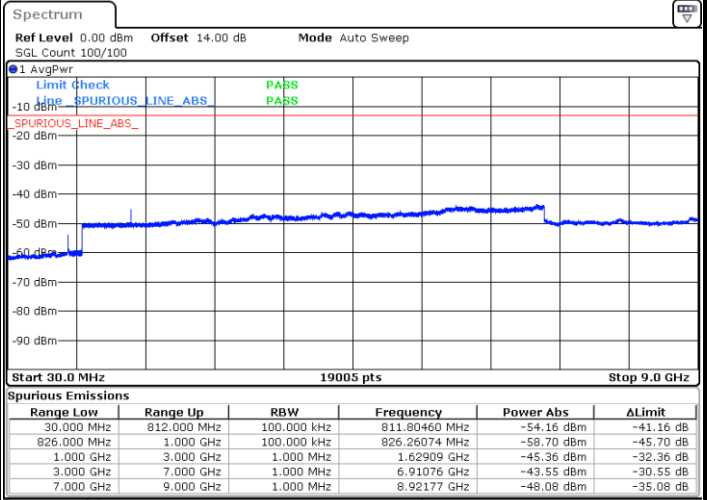
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



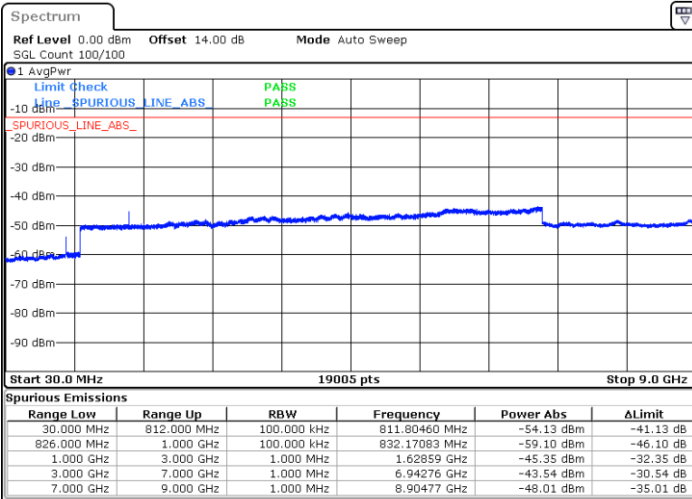
Date: 11.JUL.2022 19:47:21



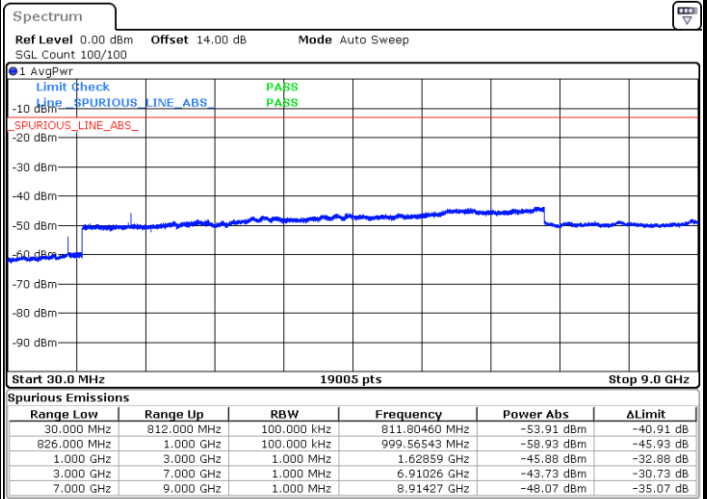
Date: 11.JUL.2022 19:48:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 11.JUL.2022 19:48:43

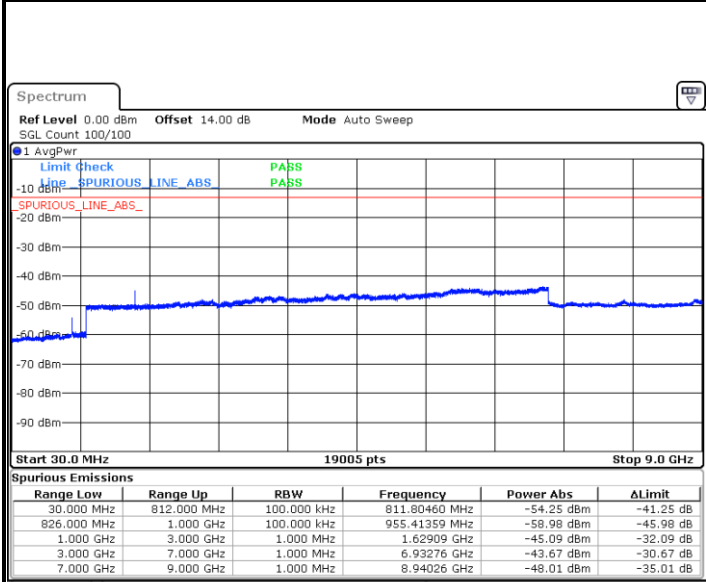


Date: 11.JUL.2022 19:49:25



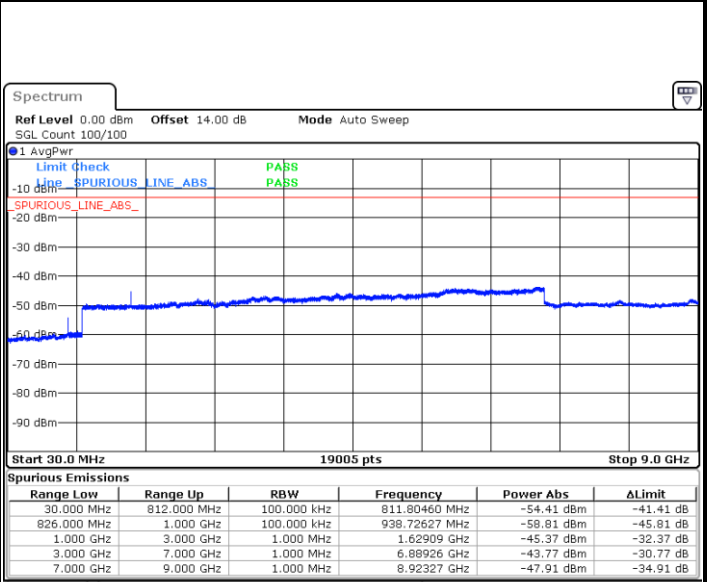
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 11.JUL.2022 19:50:06

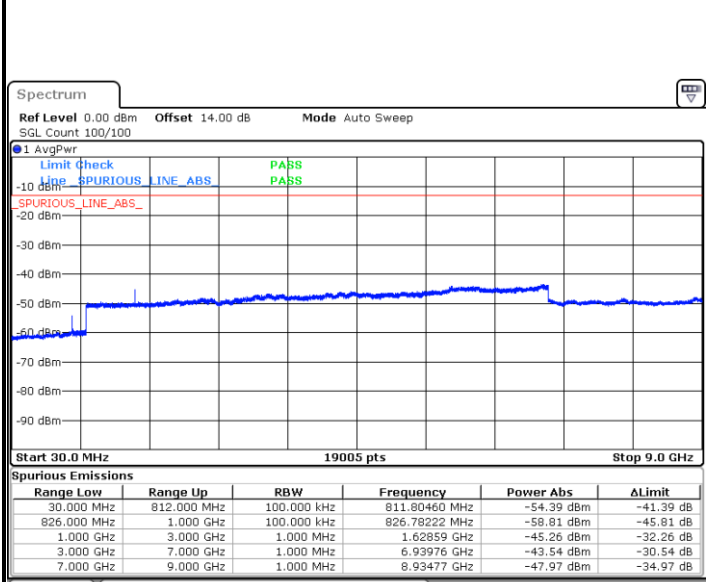
Highest Channel / 16QAM



Date: 11.JUL.2022 19:50:47

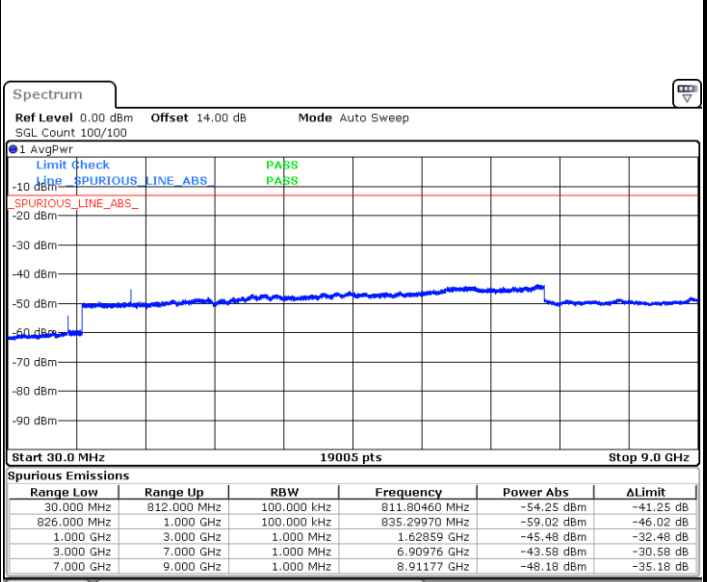
LTE Band 26 / 10MHz

Middle Channel / QPSK

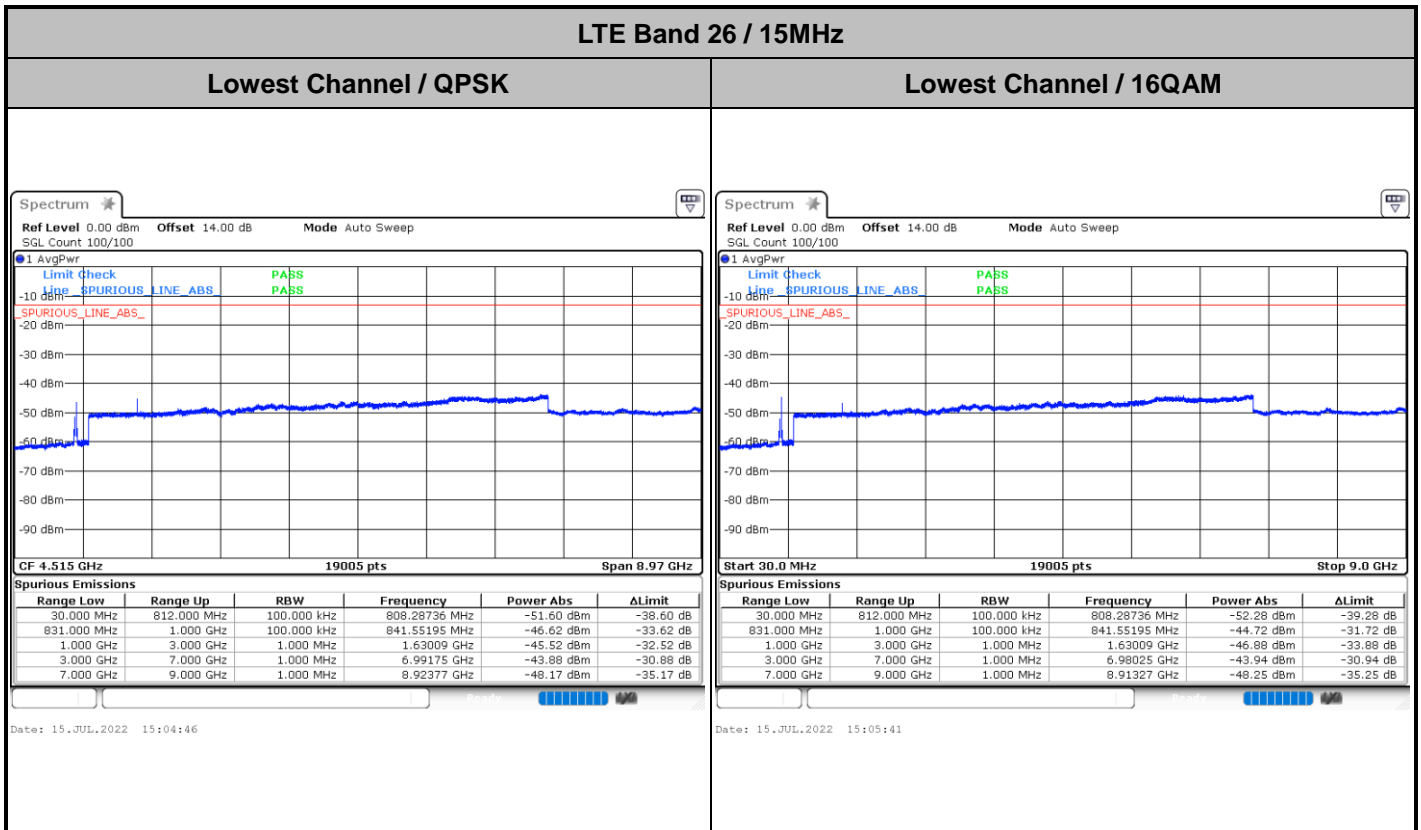


Date: 11.JUL.2022 19:53:33

Middle Channel / 16QAM



Date: 11.JUL.2022 19:54:14

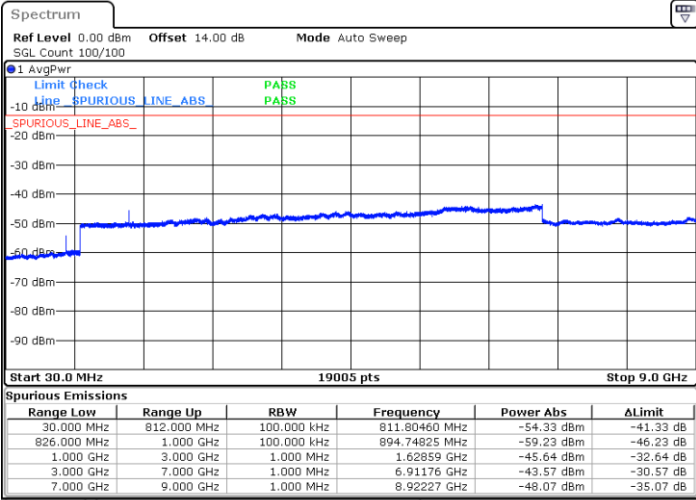




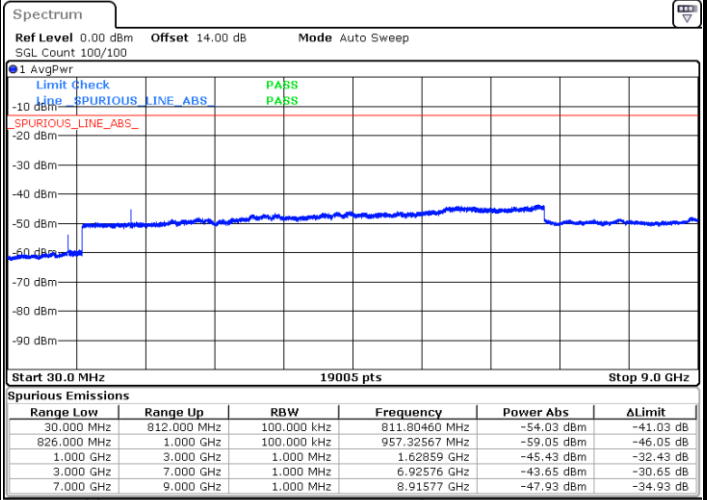
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

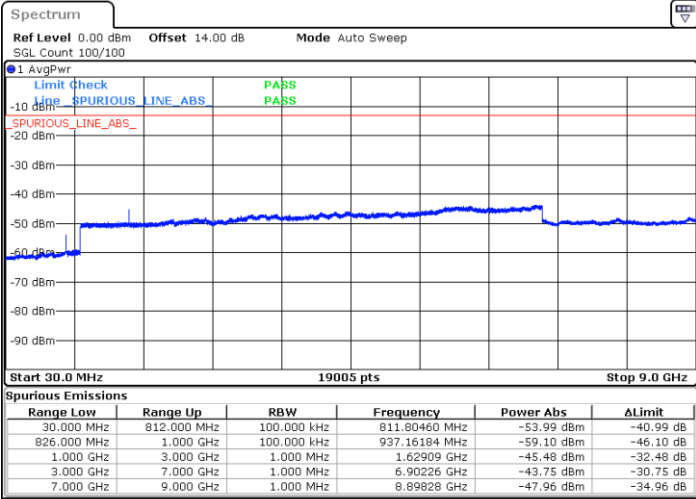


Date: 11.JUL.2022 19:39:04



Date: 11.JUL.2022 19:39:45

Highest Channel / 64QAM



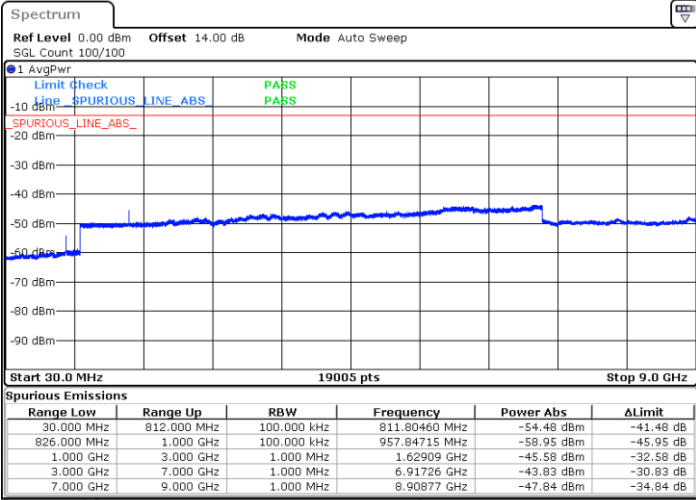
Date: 11.JUL.2022 19:40:27



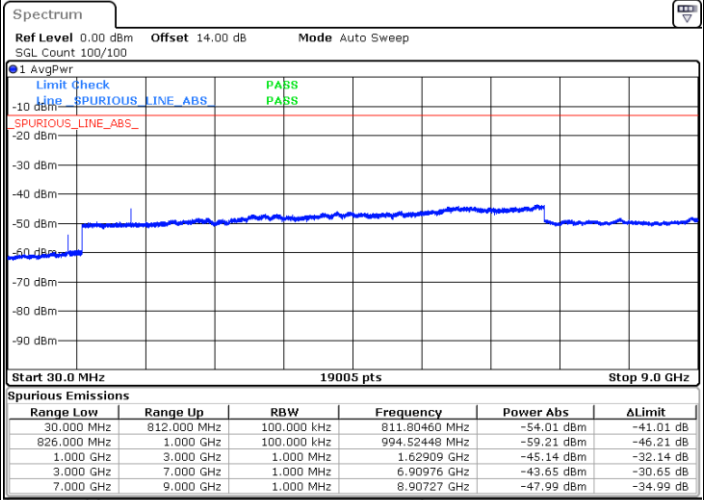
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

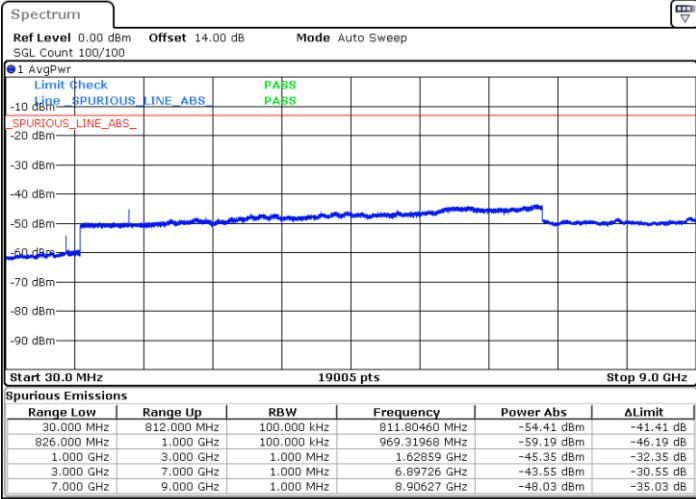


Date: 11.JUL.2022 19:45:16



Date: 11.JUL.2022 19:45:58

Highest Channel / 64QAM



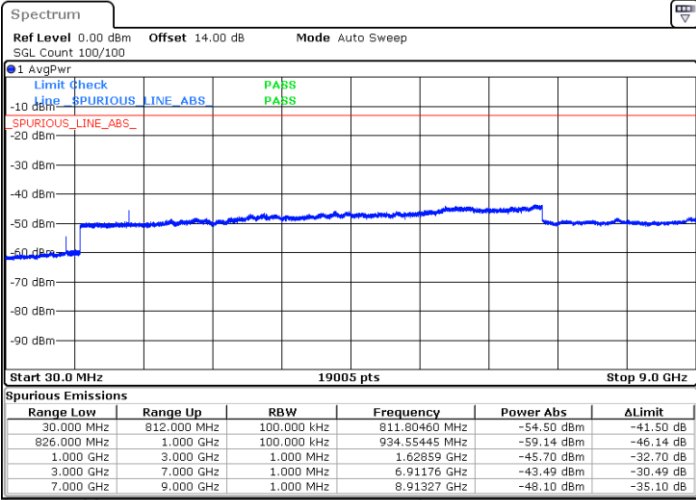
Date: 11.JUL.2022 19:46:39



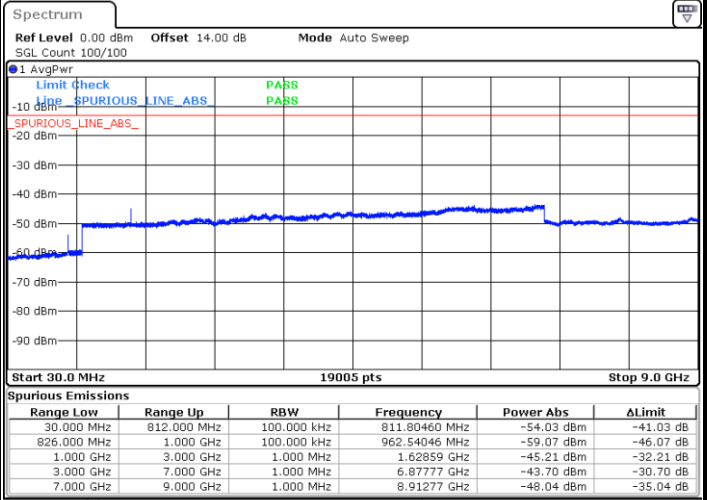
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

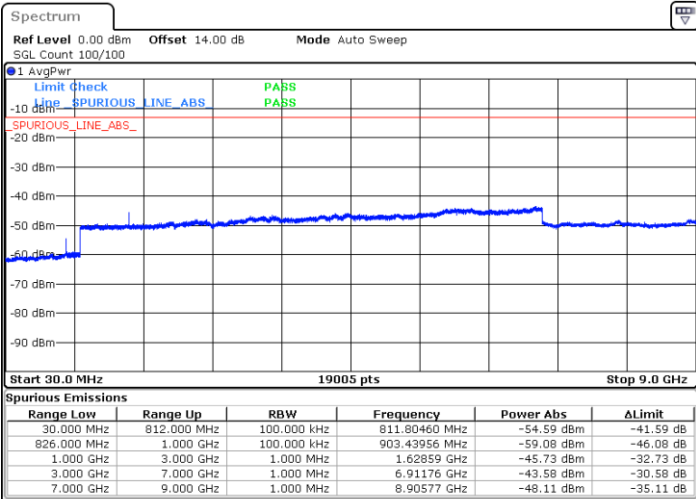


Date: 11.JUL.2022 19:51:29



Date: 11.JUL.2022 19:52:10

Highest Channel / 64QAM



Date: 11.JUL.2022 19:52:52



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	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 26 / 5MHz / QPSK (ANT11)									
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	1633.5	-67.01	-13	-54.01	-74.67	-70.26	4.00	9.40	H
	2450.25	-64.84	-13	-51.84	-76.39	-68.41	4.88	10.60	H
	3267	-62.66	-13	-49.66	-77.65	-67.59	5.52	12.60	H
	1633.5	-67.14	-13	-54.14	-74.75	-70.39	4.00	9.40	V
	2450.25	-64.99	-13	-51.99	-76.52	-68.56	4.88	10.60	V
	3267	-62.69	-13	-49.69	-77.54	-67.62	5.52	12.60	V

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

LTE Band 26 / 10MHz / QPSK (ANT11)									
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	1629	-66.60	-13	-53.60	-74.36	-69.85	4.00	9.40	H
	2443.5	-64.87	-13	-51.87	-76.41	-68.44	4.88	10.60	H
	3258	-63.20	-13	-50.20	-78.22	-68.13	5.52	12.60	H
	1629	-66.85	-13	-53.85	-74.53	-70.10	4.00	9.40	V
	2443.5	-64.68	-13	-51.68	-76.19	-68.25	4.88	10.60	V
	3258	-62.84	-13	-49.84	-77.70	-67.77	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK (ANT11)									
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)
Lowest	1629.5	-66.67	-13	-53.67	-74.42	-69.92	4.00	9.40	H
	2444.25	-64.85	-13	-51.85	-76.39	-68.42	4.88	10.60	H
	3259	-63.11	-13	-50.11	-78.13	-68.04	5.52	12.60	H
	1629.5	-67.16	-13	-54.16	-74.84	-70.41	4.00	9.40	V
	2444.25	-64.88	-13	-51.88	-76.39	-68.45	4.88	10.60	V
	3259	-62.78	-13	-49.78	-77.64	-67.71	5.52	12.60	V

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