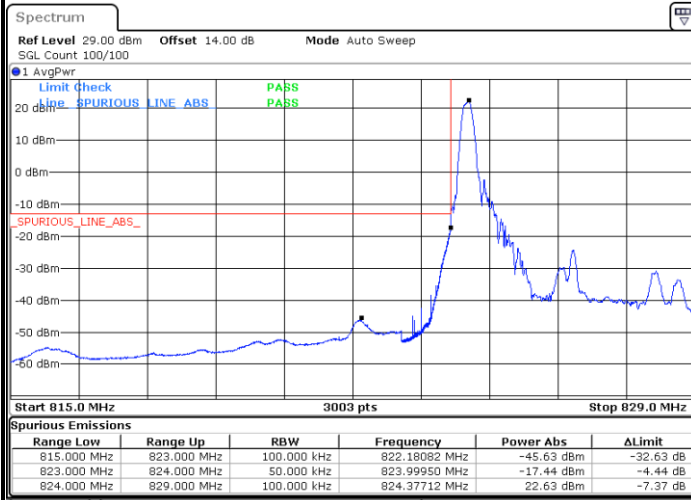




LTE Band 26 / 5MHz / QPSK

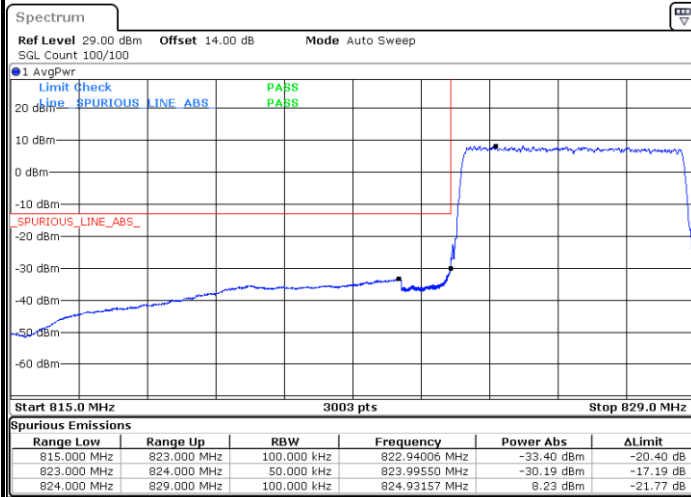
Lowest Band Edge / 1 RB



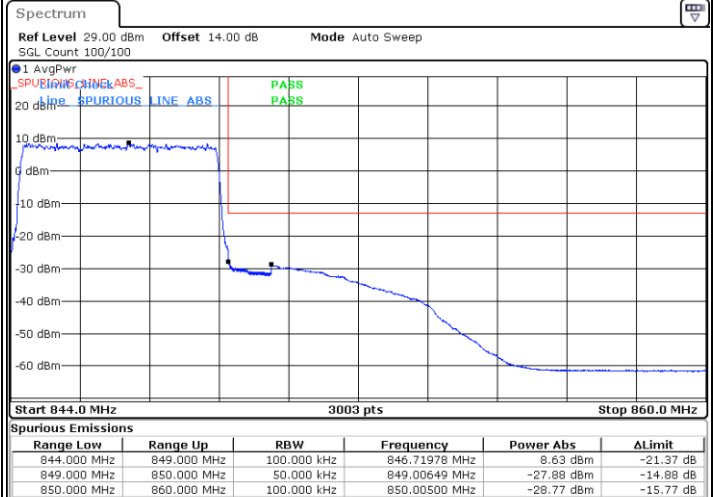
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



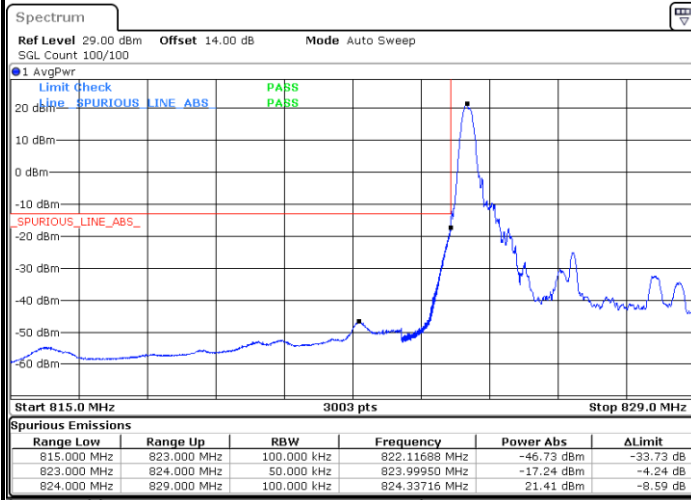
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 16QAM

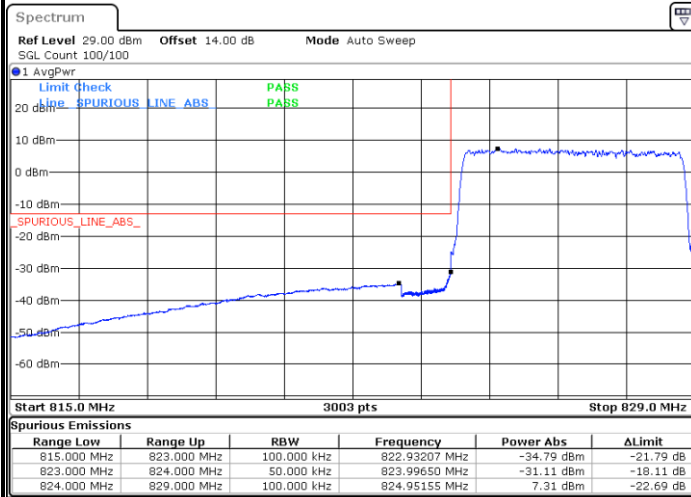
Lowest Band Edge / 1RB



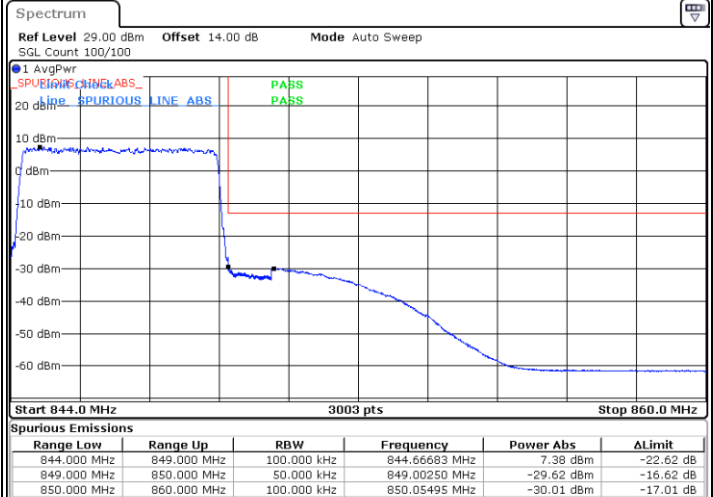
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



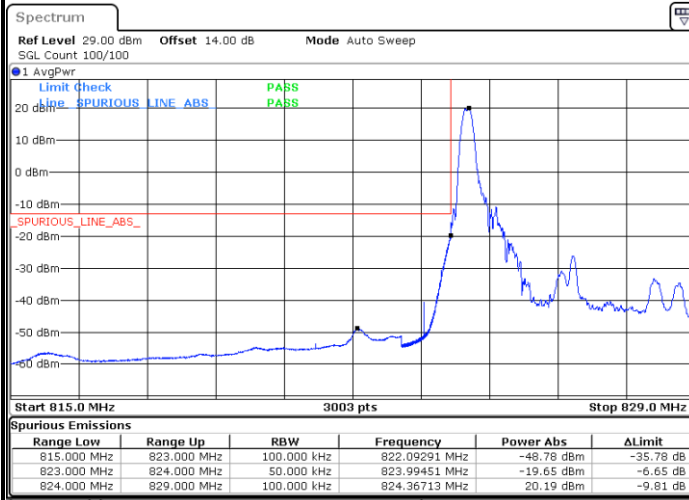
Highest Band Edge / Full RB



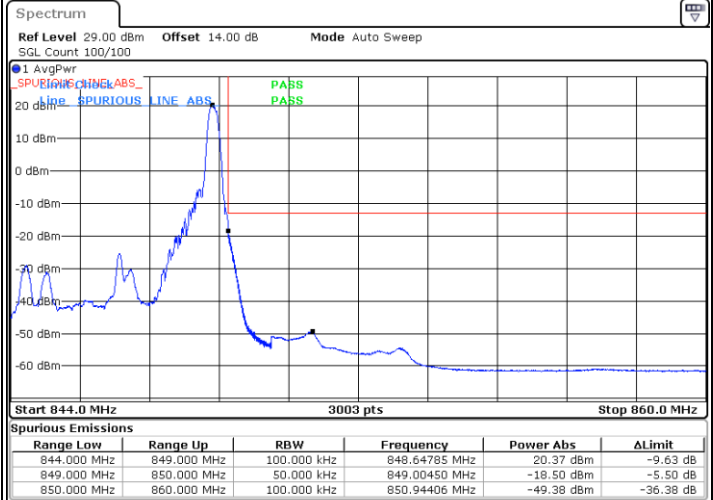


LTE Band 26 / 5MHz / 64QAM

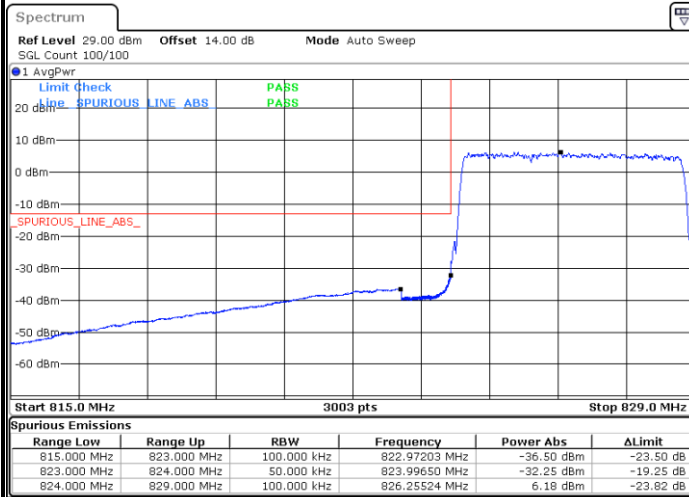
Lowest Band Edge / 1RB



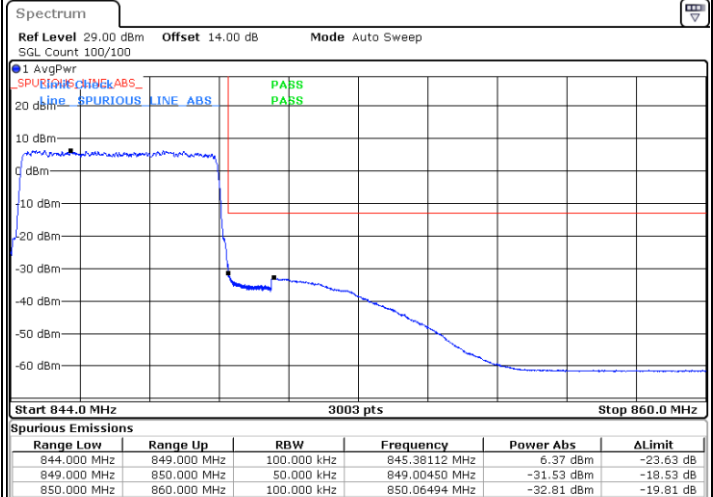
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



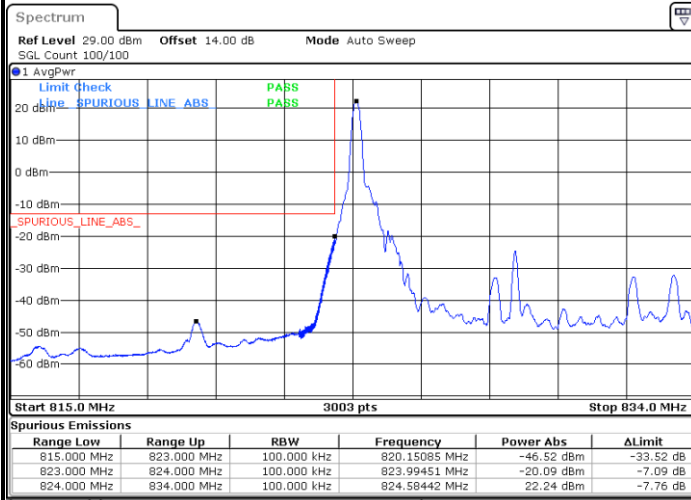
Highest Band Edge / Full RB



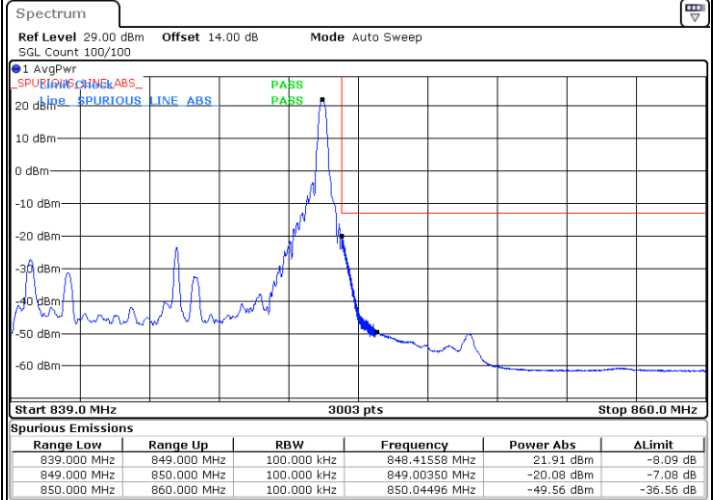


LTE Band 26 / 10MHz / QPSK

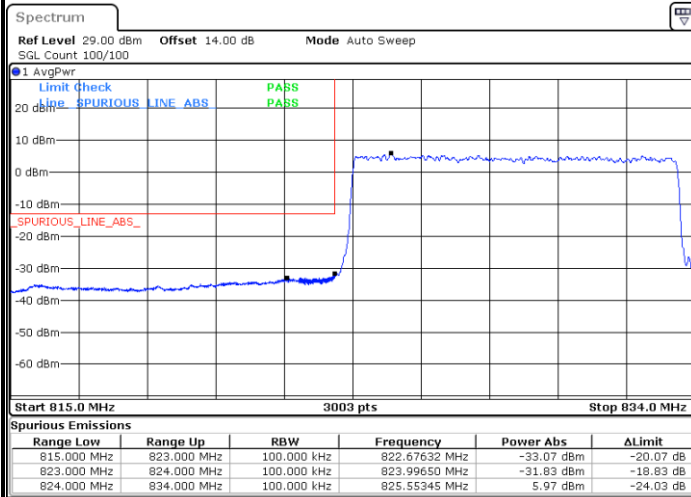
Lowest Band Edge / 1 RB



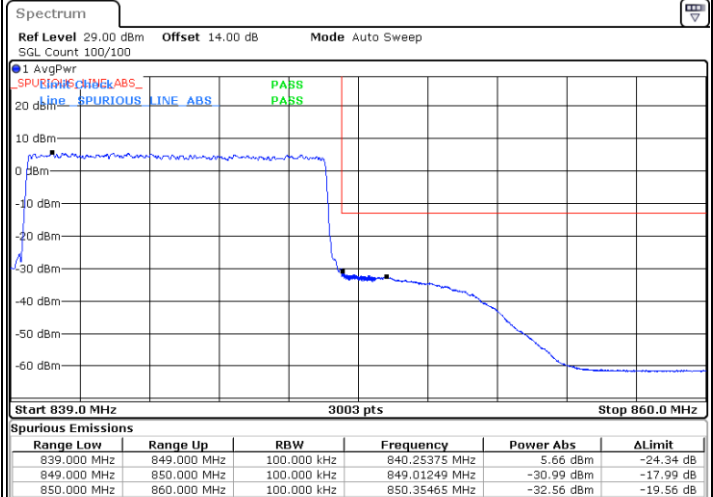
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



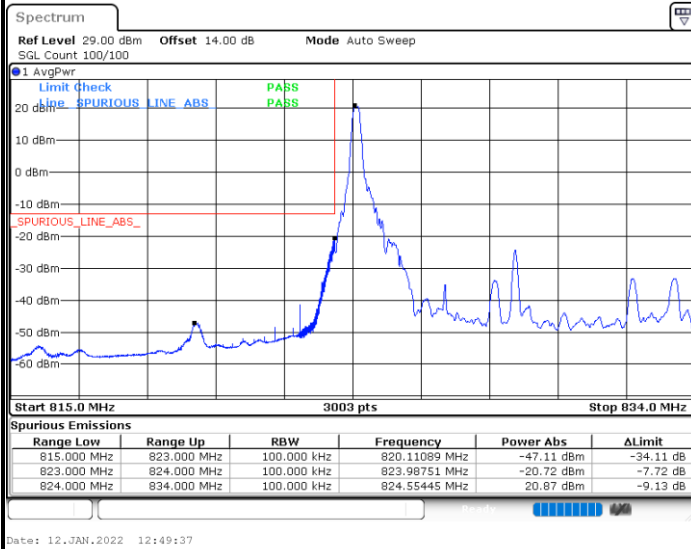
Highest Band Edge / Full RB



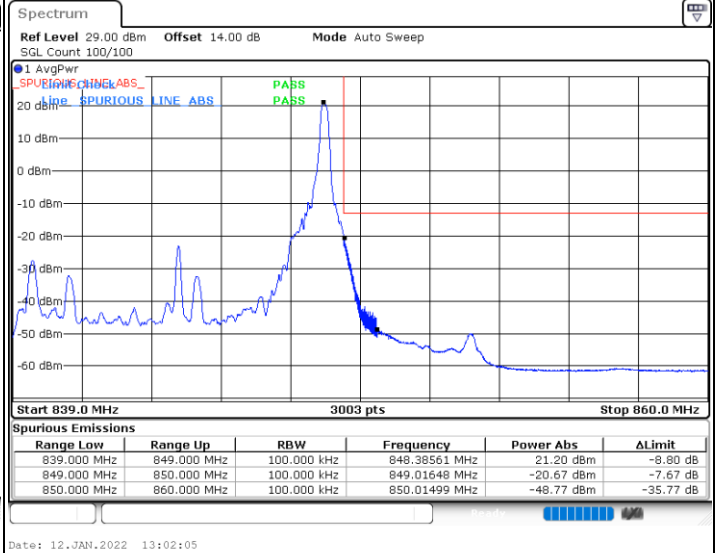


LTE Band 26 / 10MHz / 16QAM

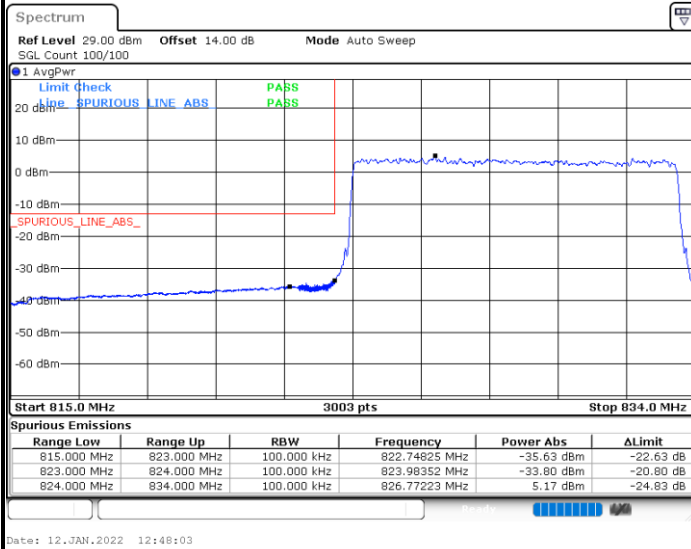
Lowest Band Edge / 1 RB



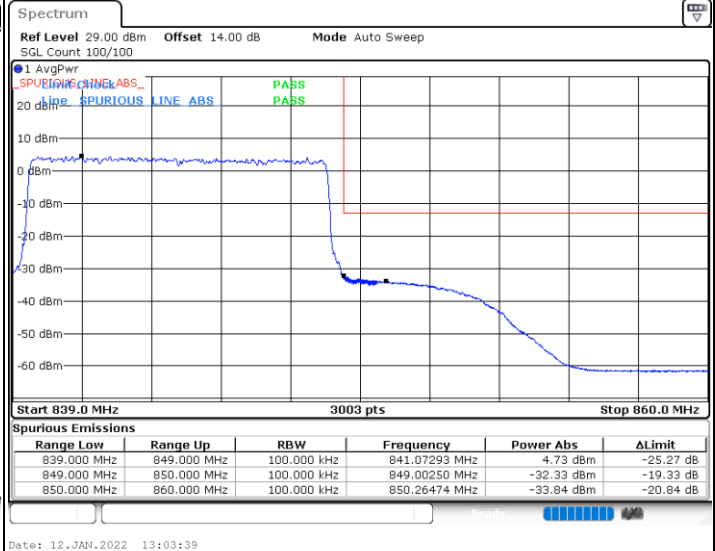
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



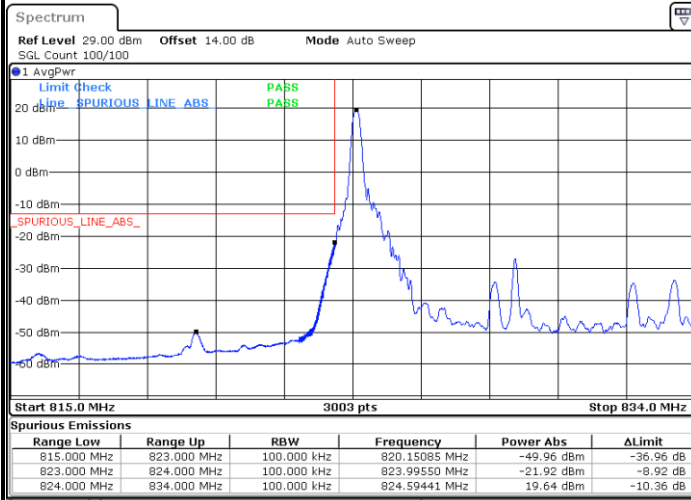
Highest Band Edge / Full RB



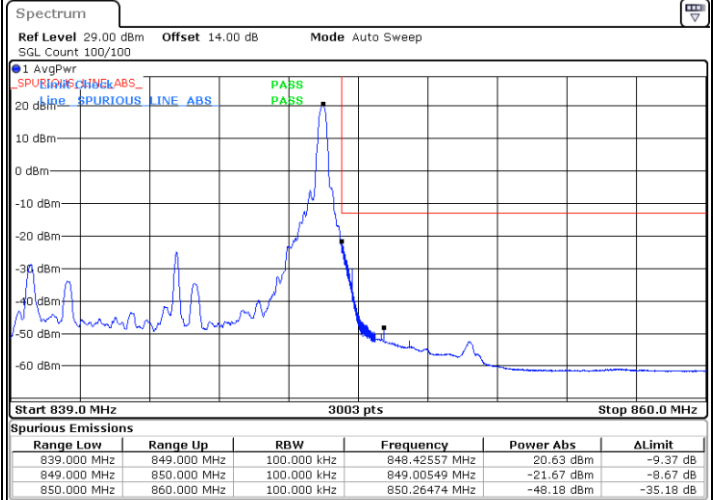


LTE Band 26 / 10MHz / 64QAM

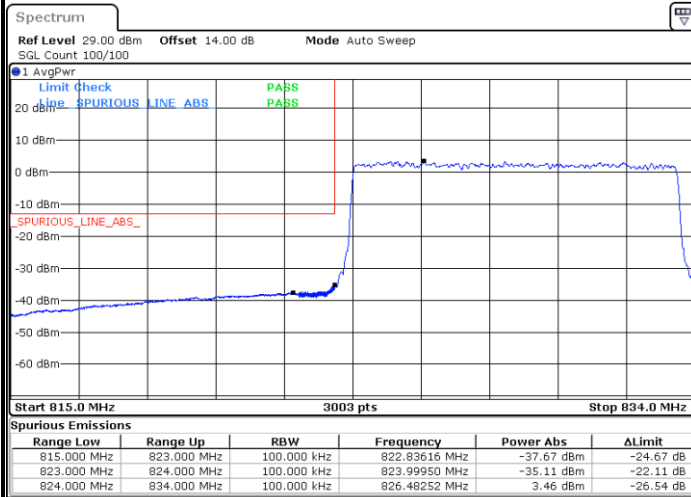
Lowest Band Edge / 1 RB



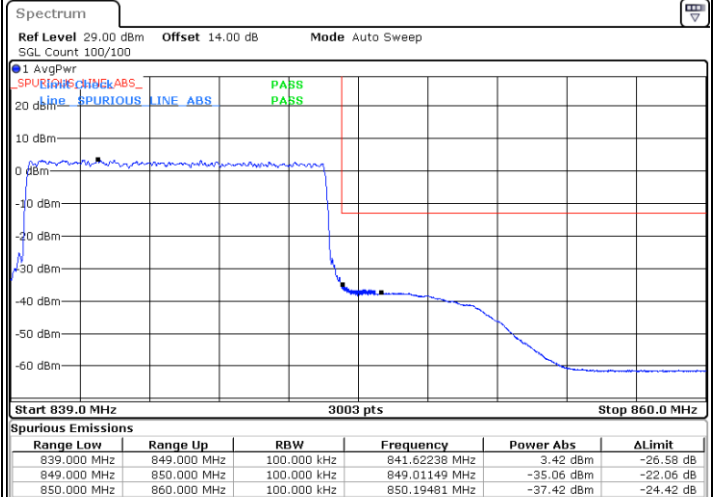
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



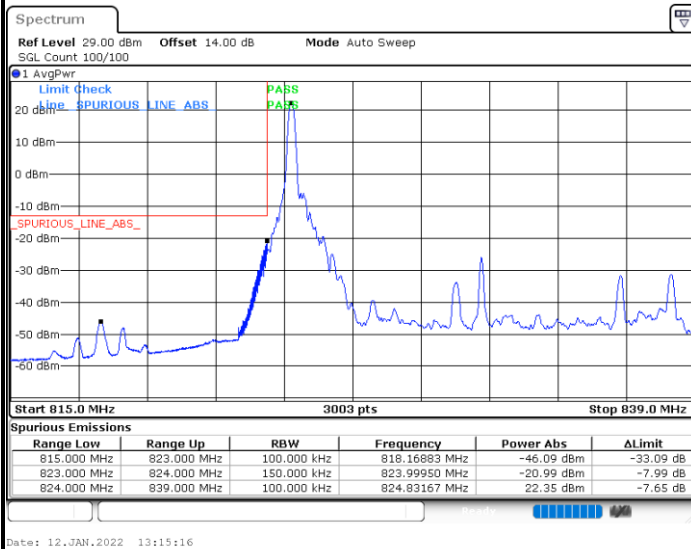
Highest Band Edge / Full RB



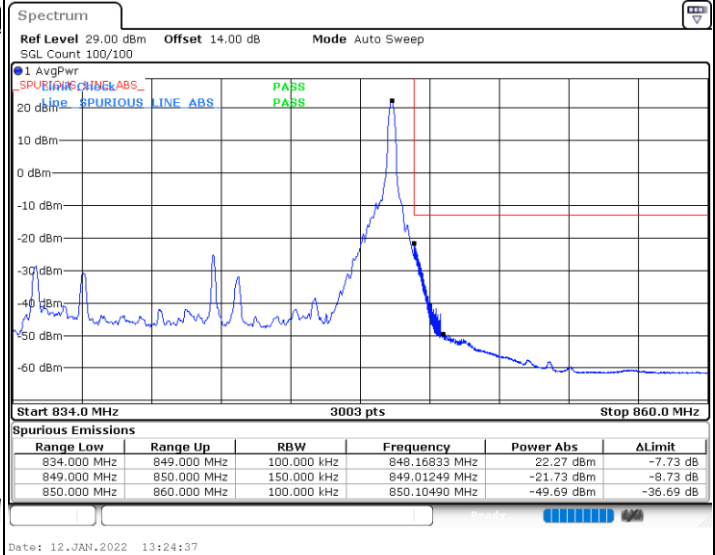


LTE Band 26 / 15MHz / QPSK

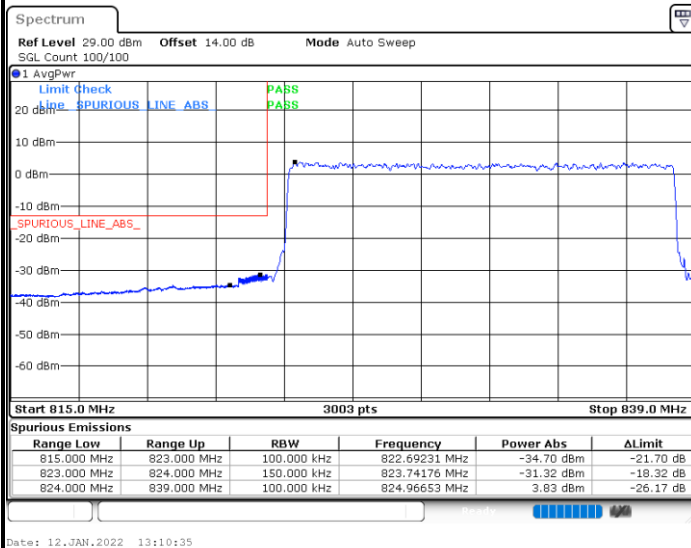
Lowest Band Edge / 1 RB



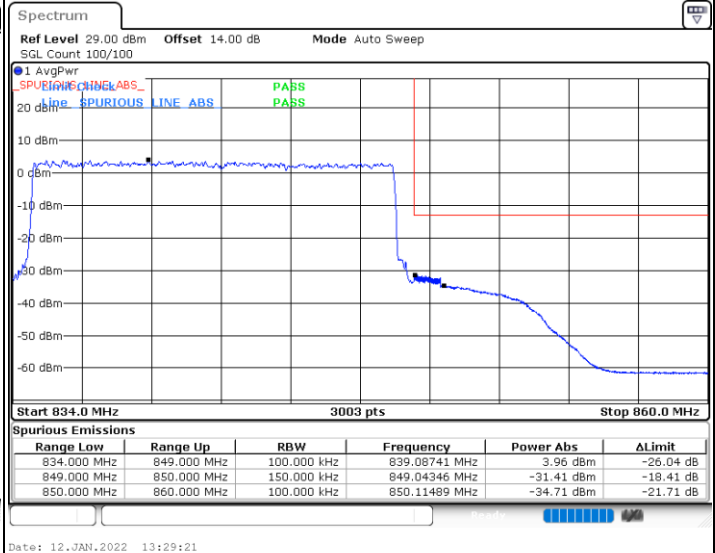
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



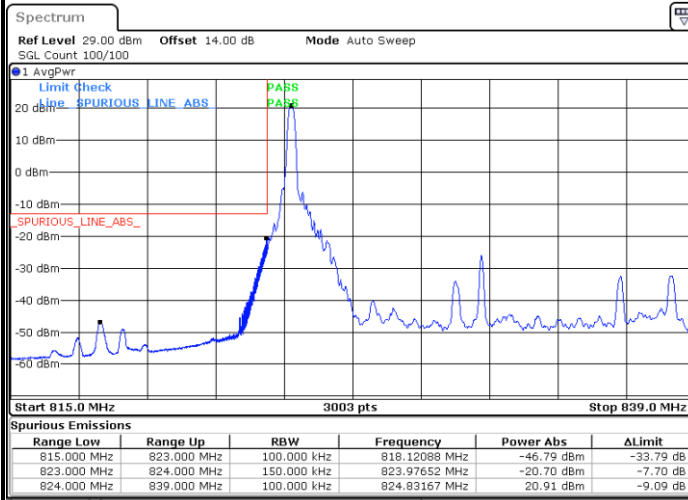
Highest Band Edge / Full RB



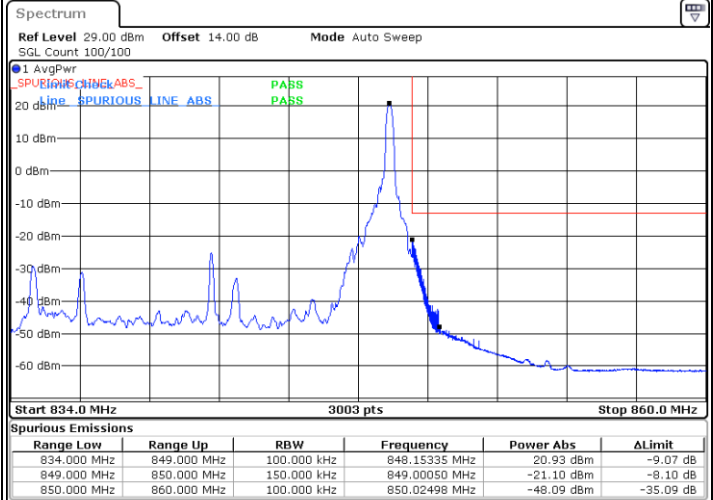


LTE Band 26 / 15MHz / 16QAM

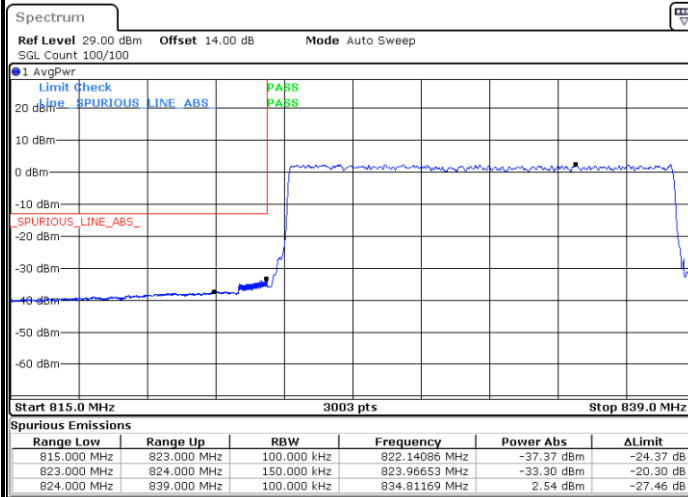
Lowest Band Edge / 1 RB



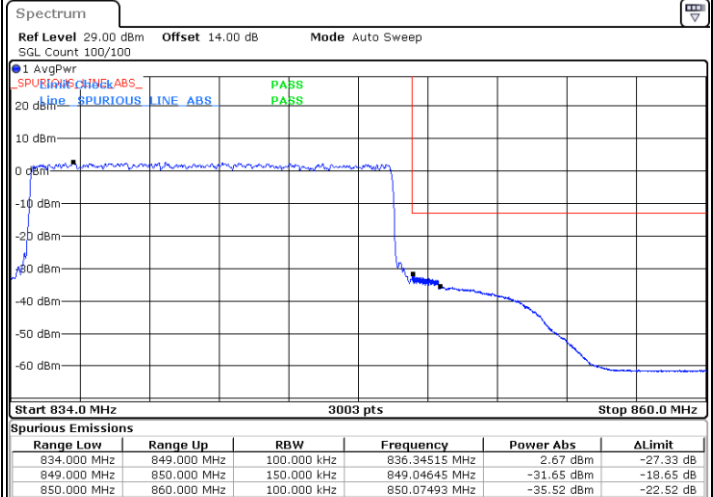
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



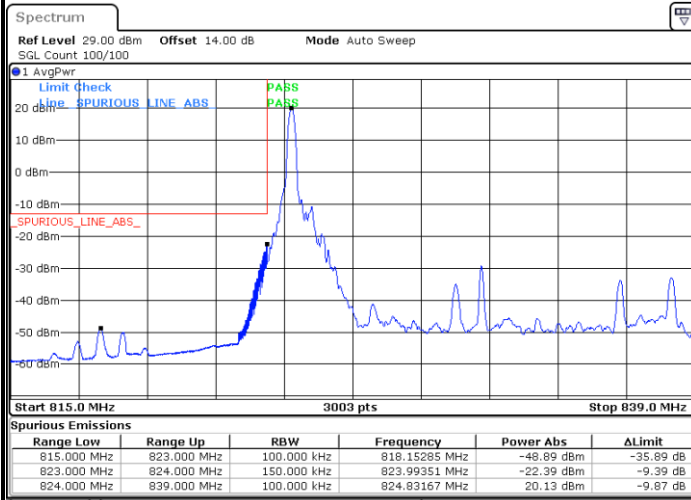
Highest Band Edge / Full RB



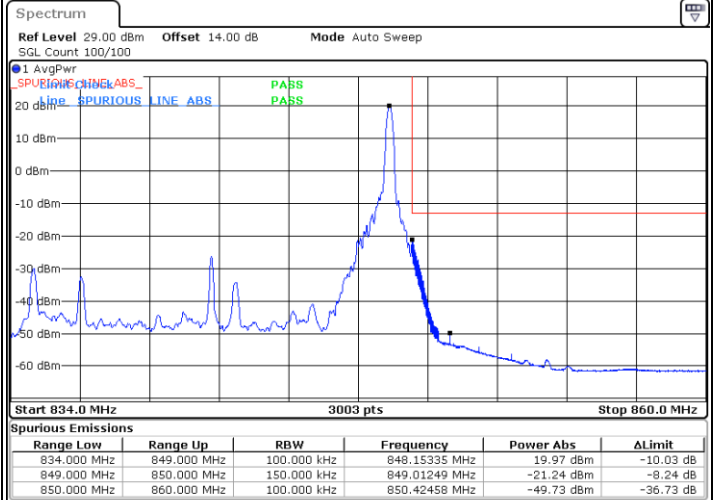


LTE Band 26 / 15MHz / 64QAM

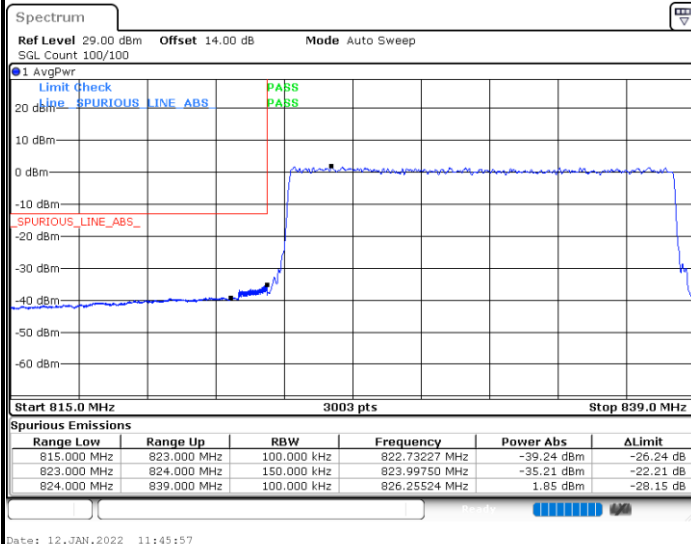
Lowest Band Edge / 1 RB



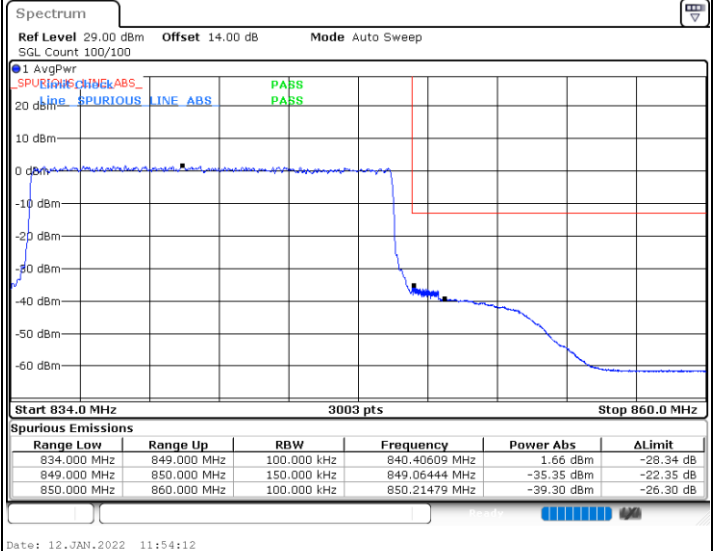
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

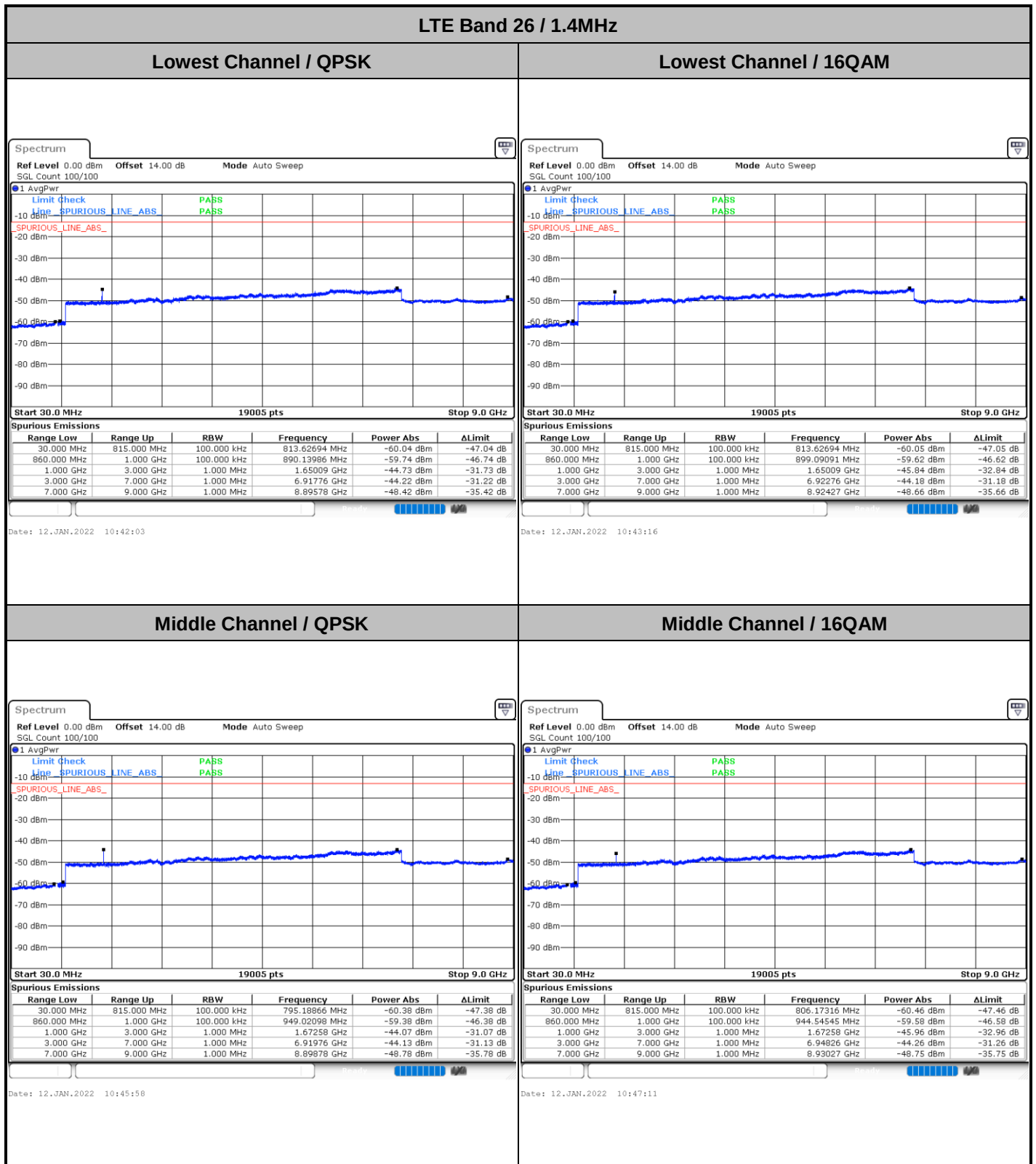


Highest Band Edge / Full RB





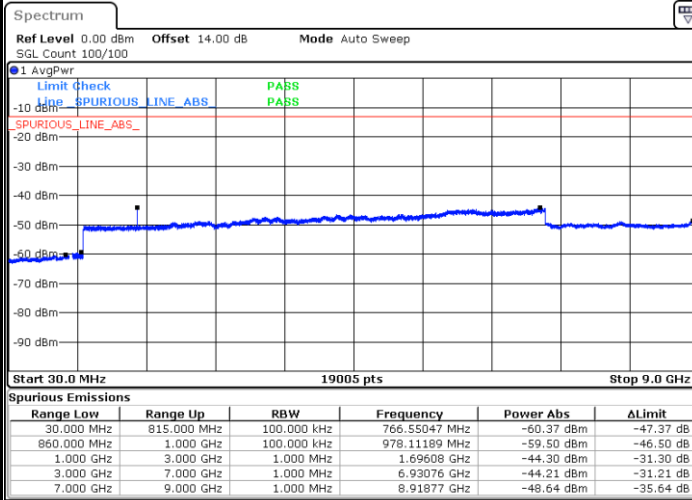
Conducted Spurious Emission





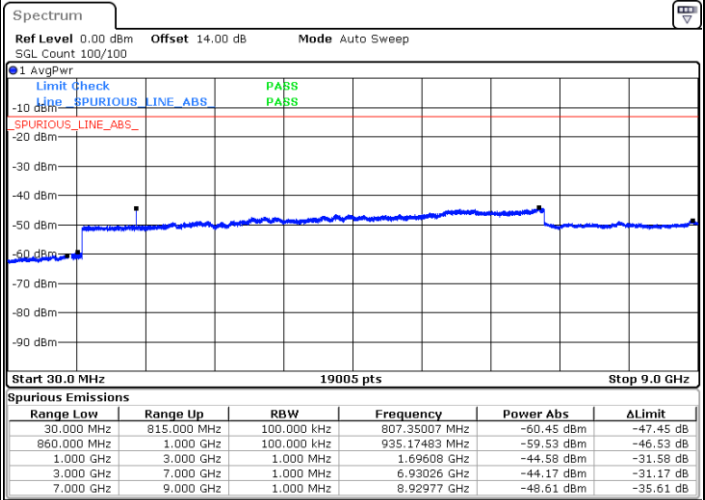
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 12.JAN.2022 10:56:27

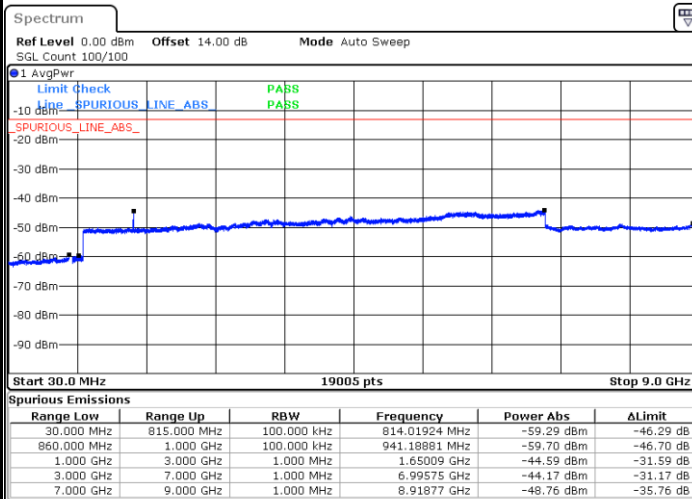
Highest Channel / 16QAM



Date: 12.JAN.2022 10:57:41

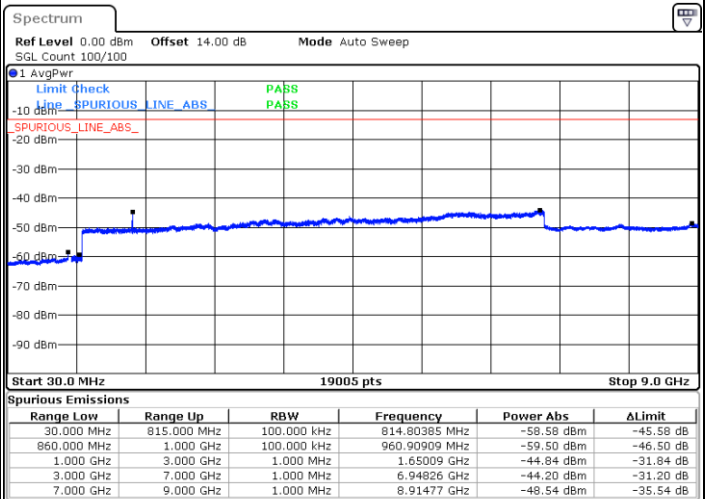
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 12.JAN.2022 12:04:01

Lowest Channel / 16QAM

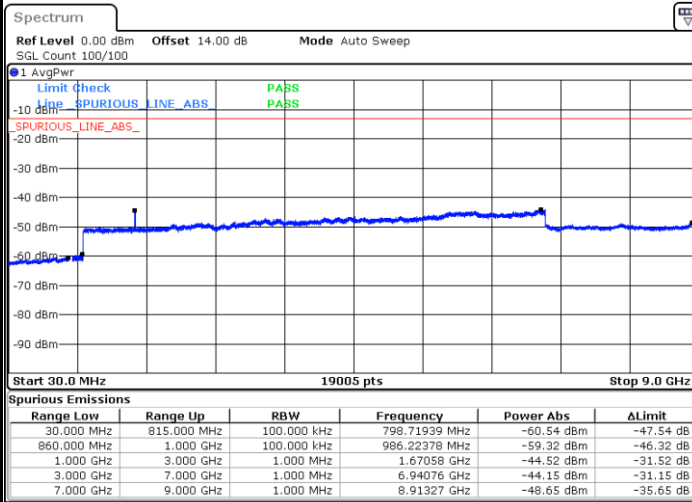


Date: 12.JAN.2022 12:05:15



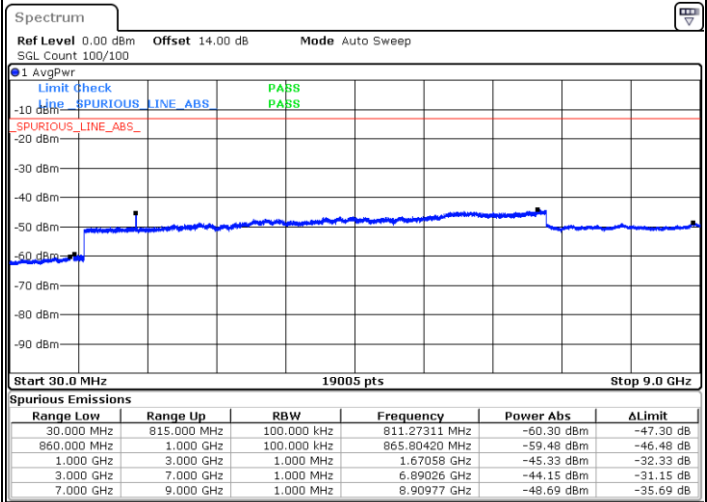
LTE Band 26 / 3MHz

Middle Channel / QPSK



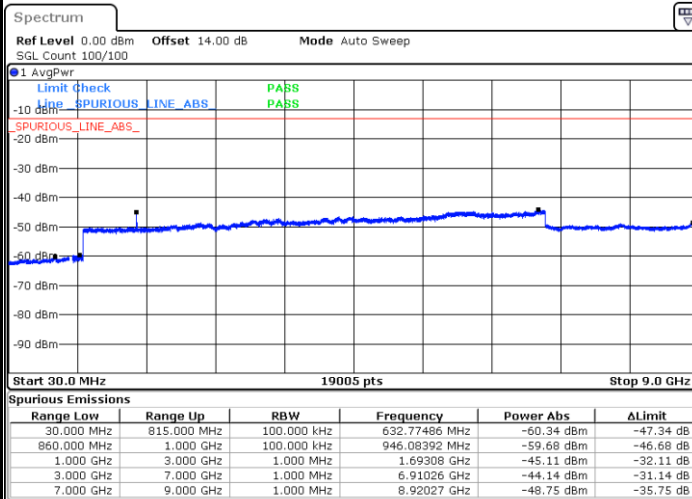
Date: 12.JAN.2022 12:08:00

Middle Channel / 16QAM



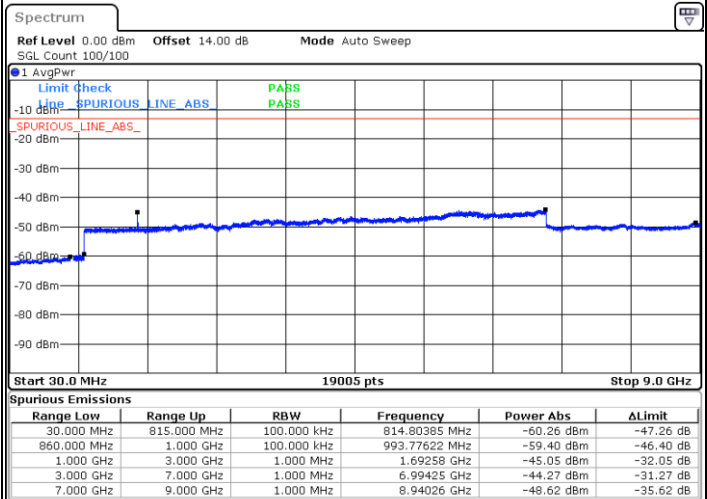
Date: 12.JAN.2022 12:09:14

Highest Channel / QPSK



Date: 12.JAN.2022 12:18:14

Highest Channel / 16QAM

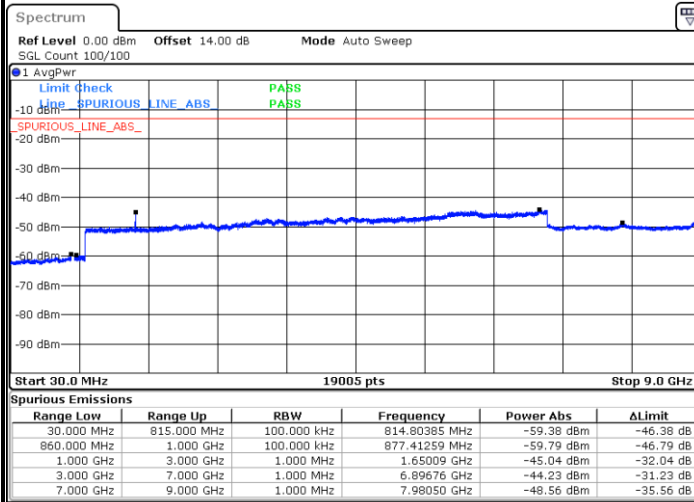


Date: 12.JAN.2022 12:19:28



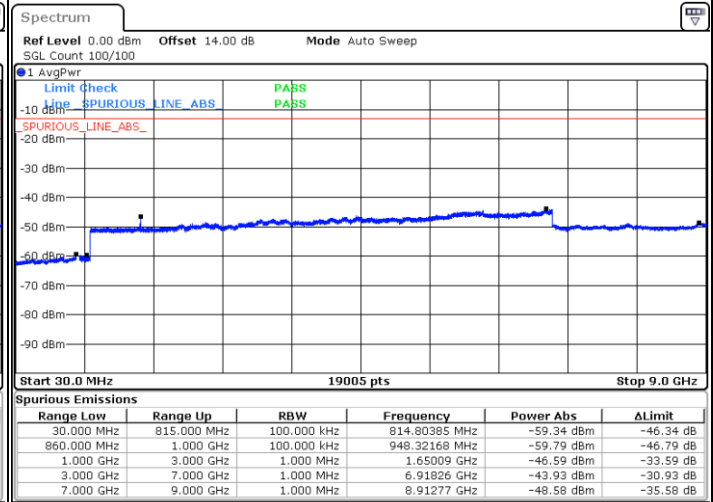
LTE Band 26 / 5MHz

Lowest Channel / QPSK



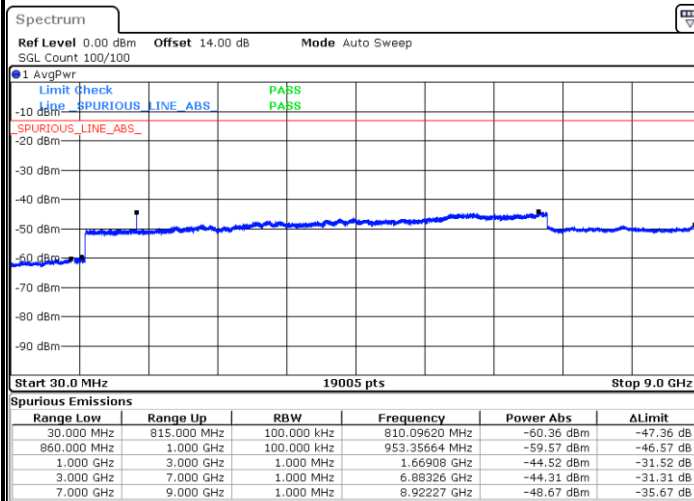
Date: 12.JAN.2022 12:28:07

Lowest Channel / 16QAM



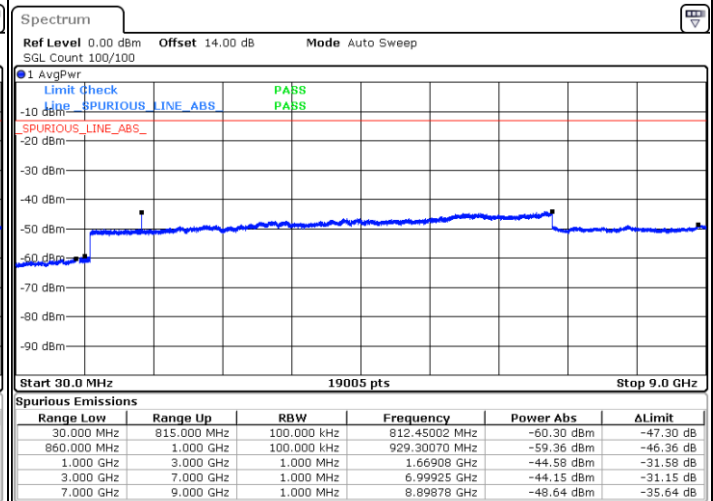
Date: 12.JAN.2022 12:29:21

Middle Channel / QPSK



Date: 12.JAN.2022 12:32:06

Middle Channel / 16QAM

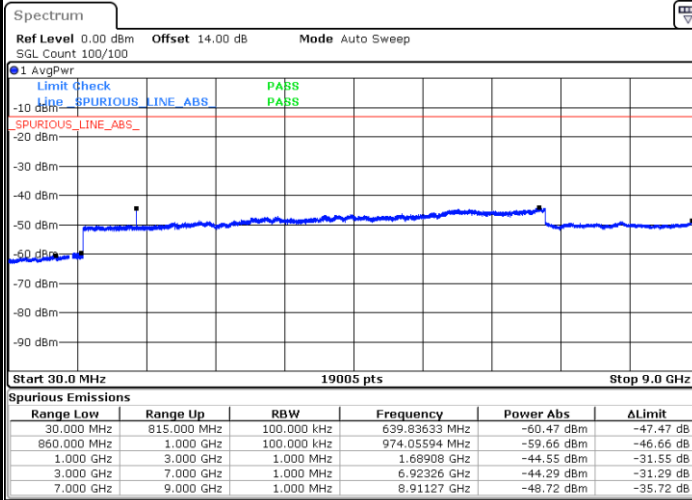


Date: 12.JAN.2022 12:33:20



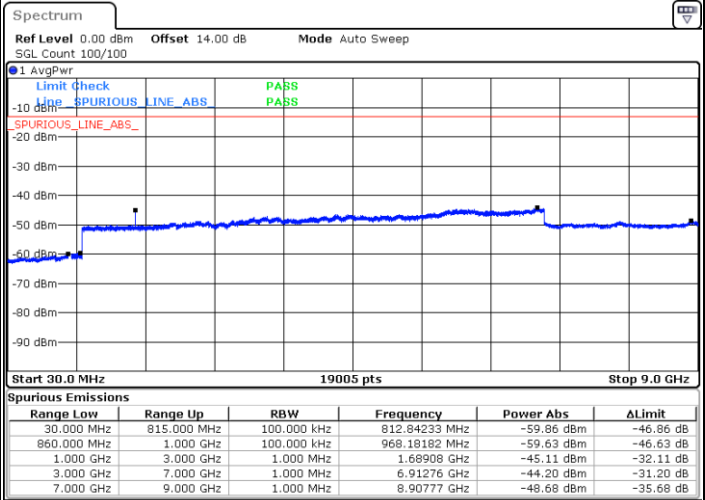
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 12.JAN.2022 12:42:21

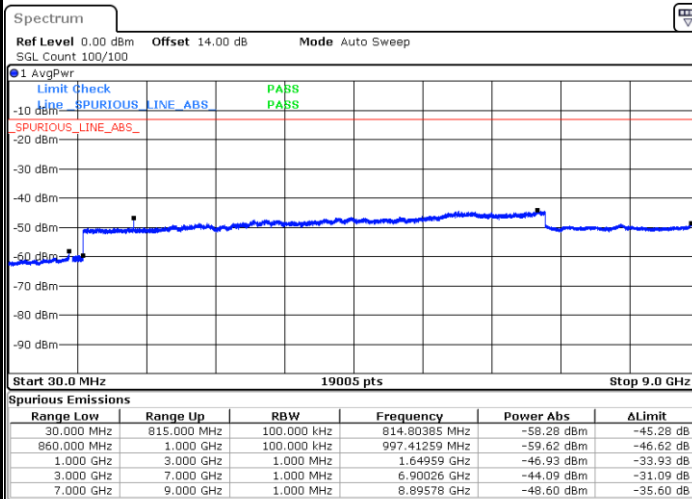
Highest Channel / 16QAM



Date: 12.JAN.2022 12:43:35

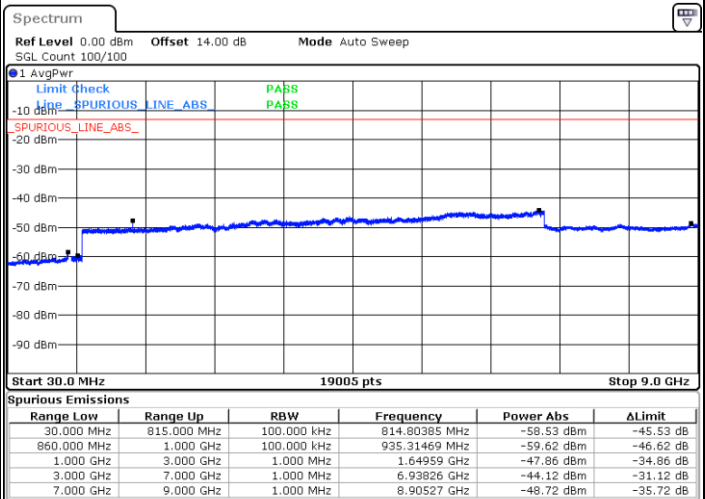
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 12.JAN.2022 12:52:14

Lowest Channel / 16QAM

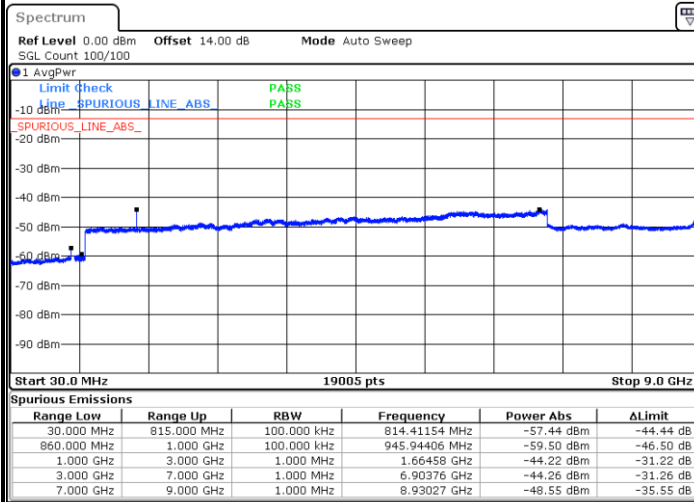


Date: 12.JAN.2022 12:53:27



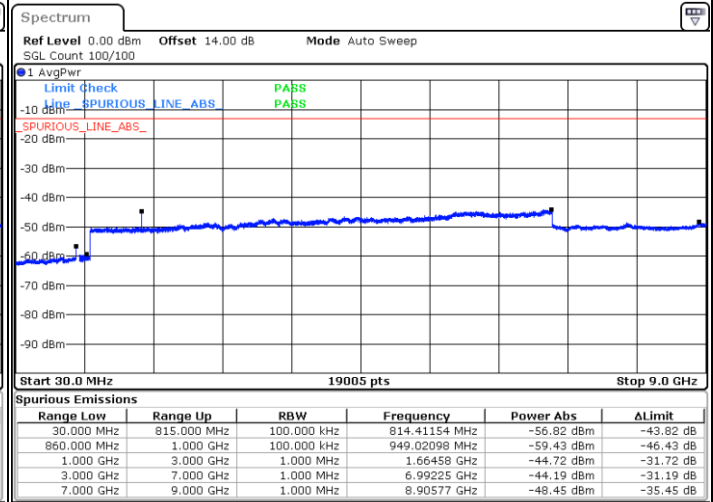
LTE Band 26 / 10MHz

Middle Channel / QPSK



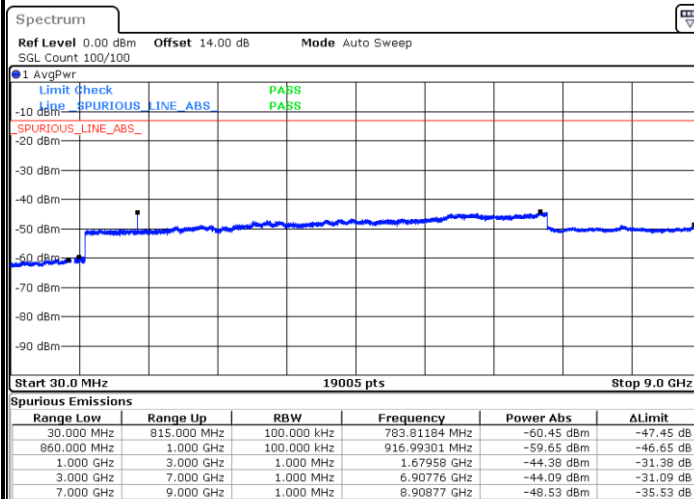
Date: 12.JAN.2022 12:56:12

Middle Channel / 16QAM



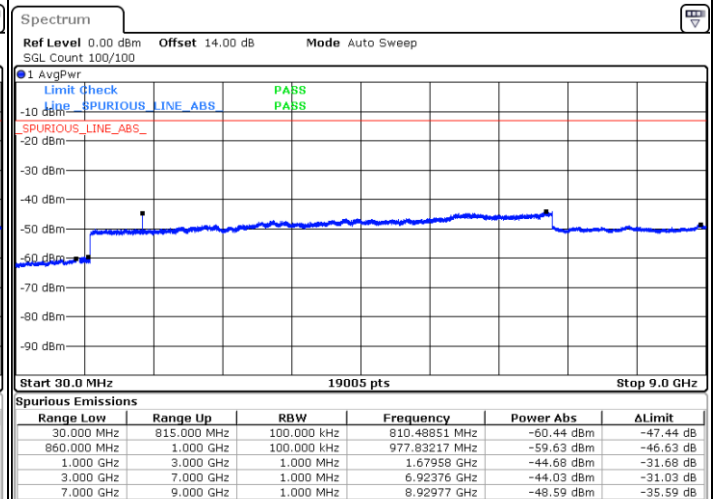
Date: 12.JAN.2022 12:57:26

Highest Channel / QPSK



Date: 12.JAN.2022 13:06:27

Highest Channel / 16QAM

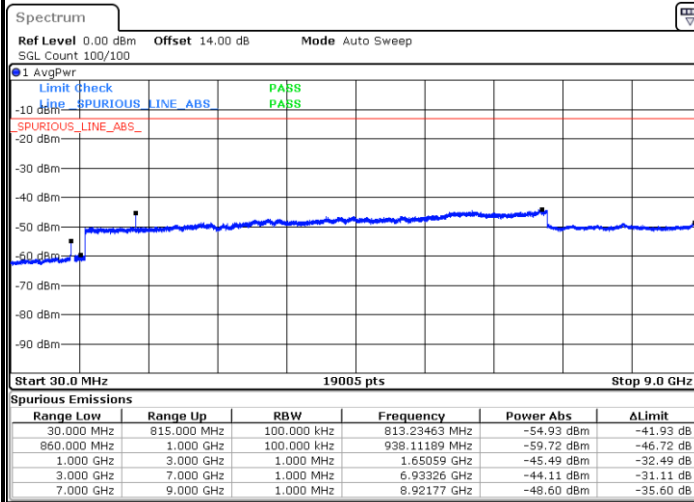


Date: 12.JAN.2022 13:07:41



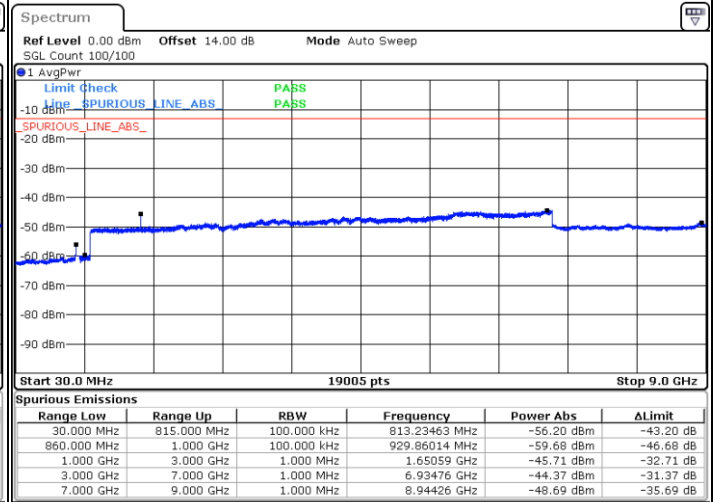
LTE Band 26 / 15MHz

Lowest Channel / QPSK



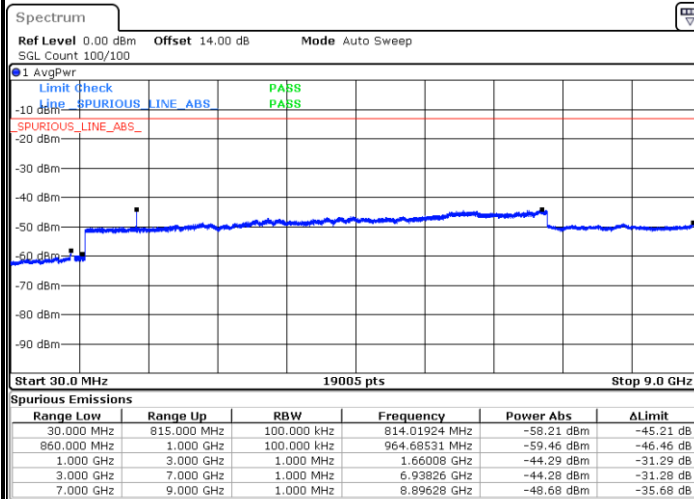
Date: 12.JAN.2022 13:16:20

Lowest Channel / 16QAM



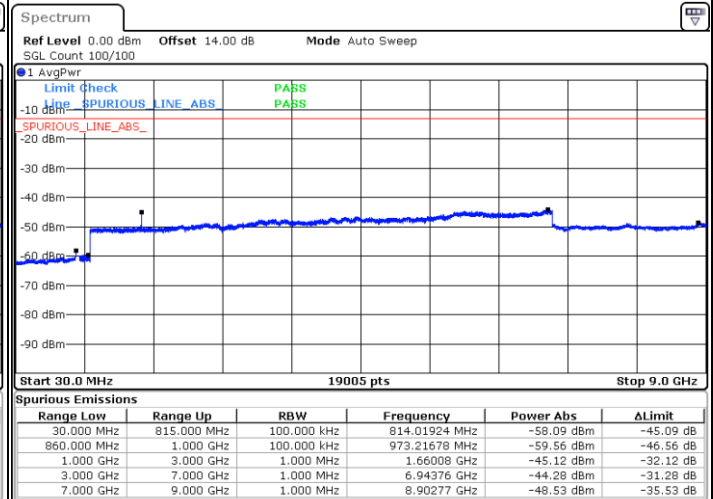
Date: 12.JAN.2022 13:17:33

Middle Channel / QPSK



Date: 12.JAN.2022 13:20:18

Middle Channel / 16QAM

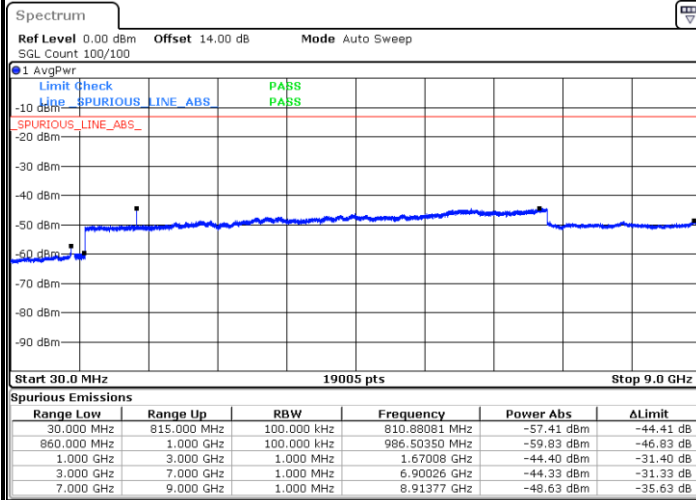


Date: 12.JAN.2022 13:21:32



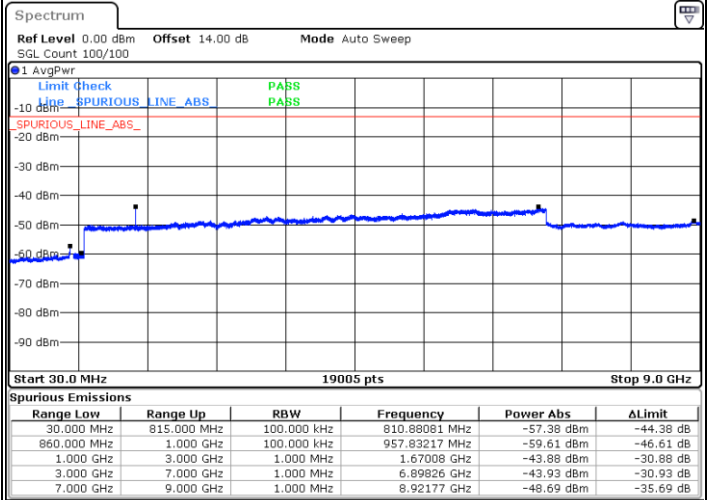
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 12.JAN.2022 13:30:34

Highest Channel / 16QAM

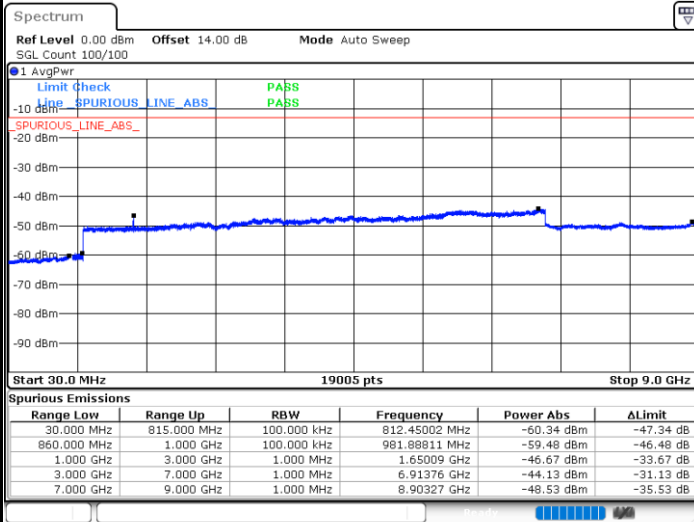


Date: 12.JAN.2022 13:31:49



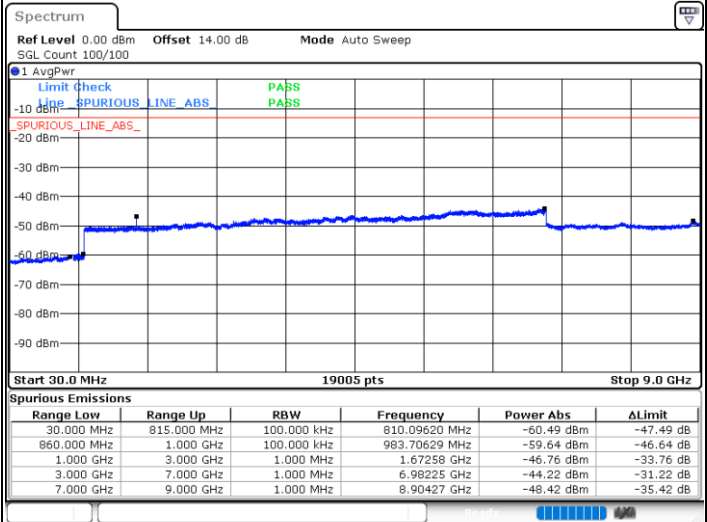
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



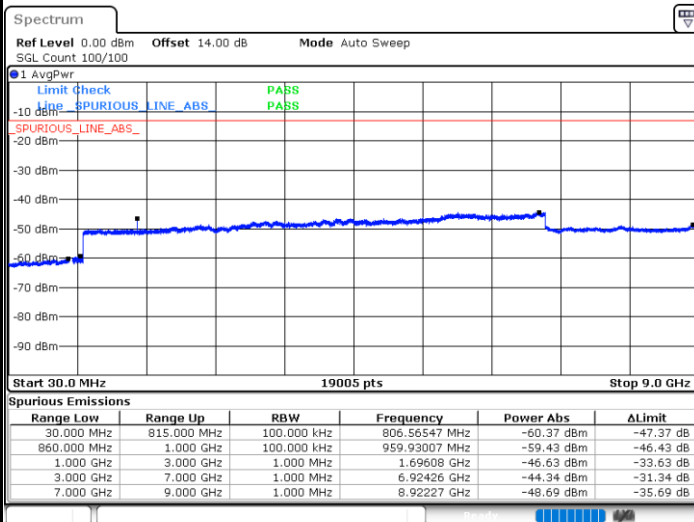
Date: 12.JAN.2022 11:02:24

Middle Channel / 64QAM



Date: 12.JAN.2022 11:04:16

Highest Channel / 64QAM

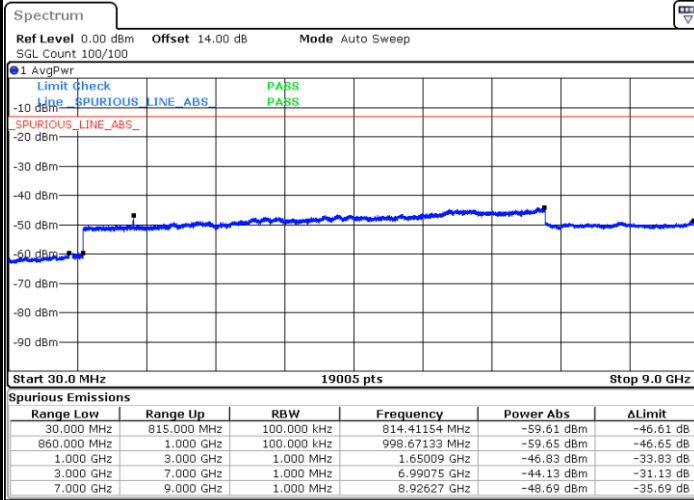


Date: 12.JAN.2022 11:09:24



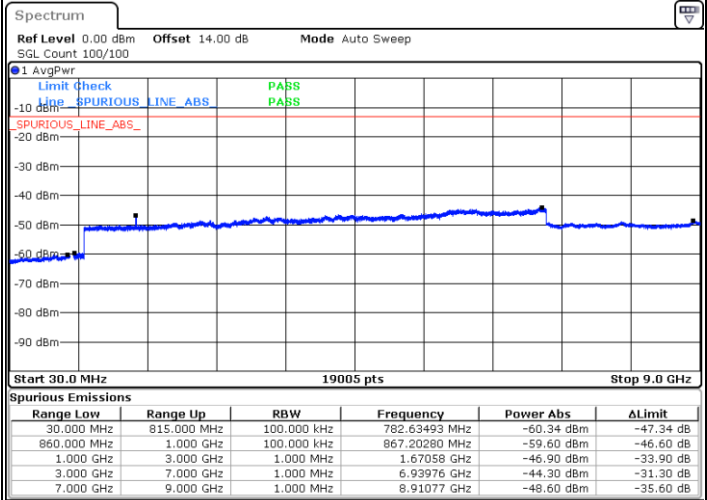
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



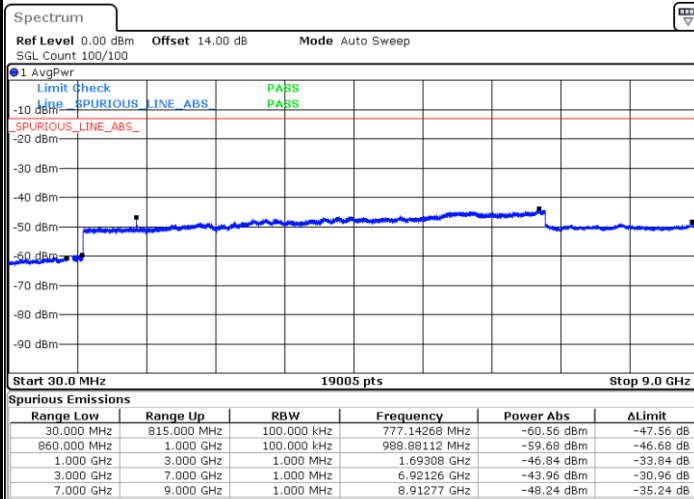
Date: 12.JAN.2022 11:14:04

Middle Channel / 64QAM



Date: 12.JAN.2022 11:15:56

Highest Channel / 64QAM

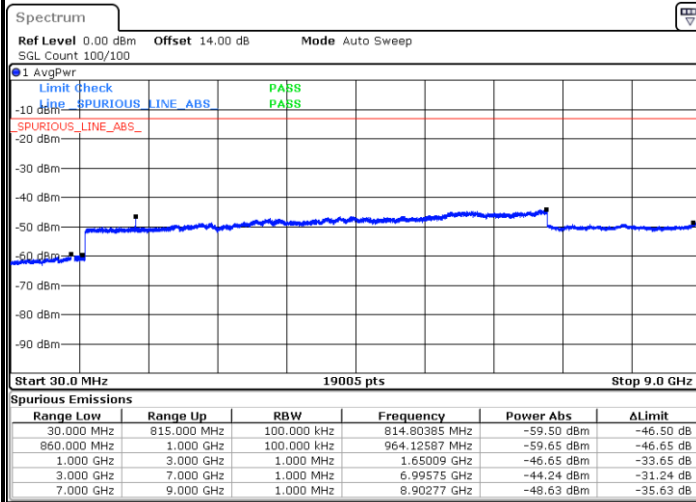


Date: 12.JAN.2022 11:20:54



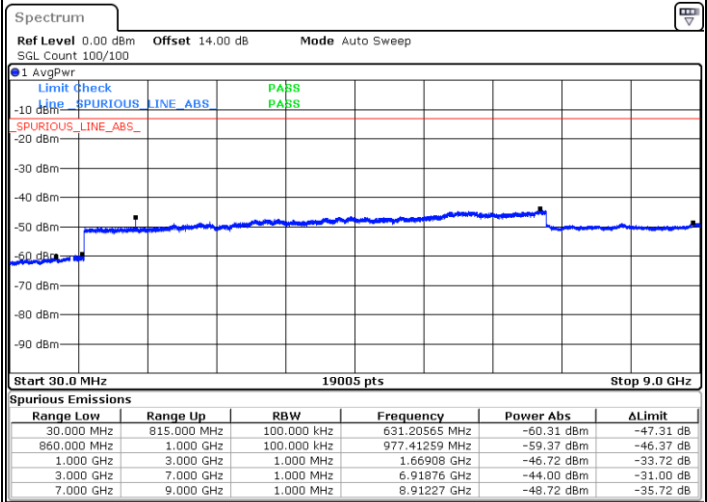
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



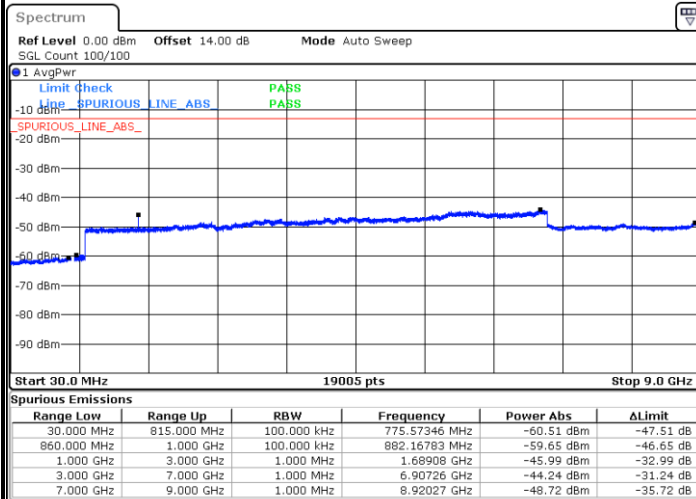
Date: 12.JAN.2022 11:25:33

Middle Channel / 64QAM



Date: 12.JAN.2022 11:27:25

Highest Channel / 64QAM

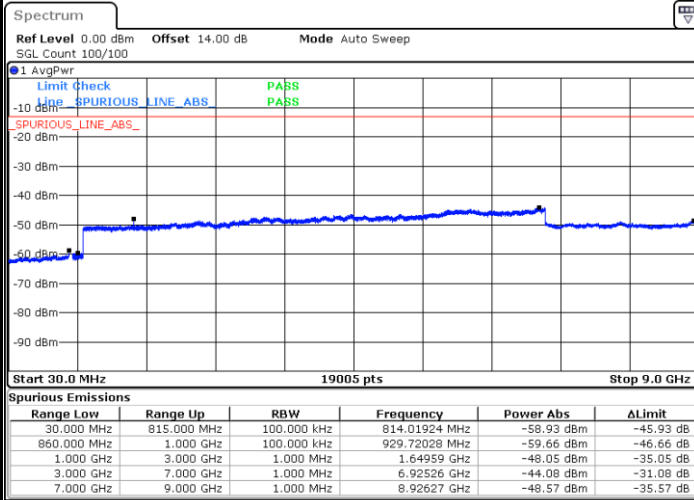


Date: 12.JAN.2022 11:32:23



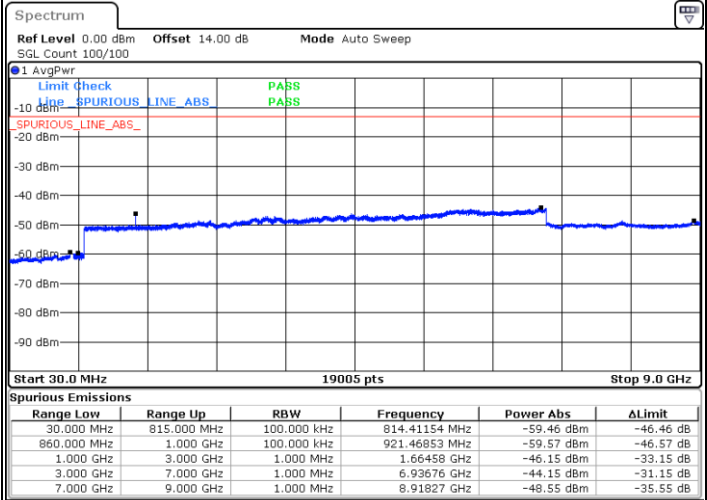
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



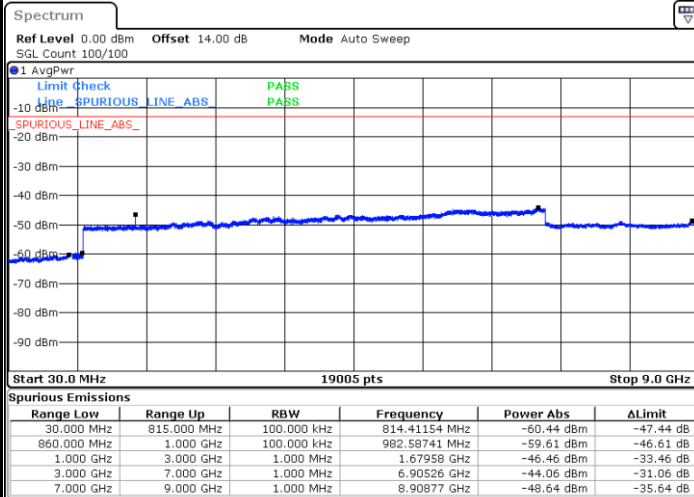
Date: 12.JAN.2022 11:37:02

Middle Channel / 64QAM



Date: 12.JAN.2022 11:38:55

Highest Channel / 64QAM

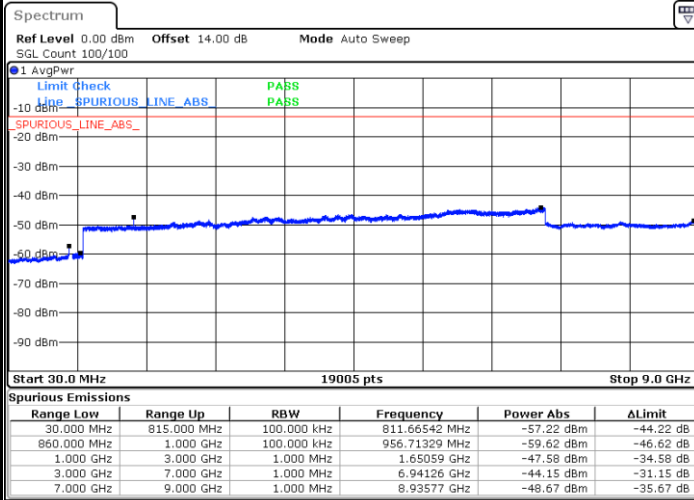


Date: 12.JAN.2022 11:43:54



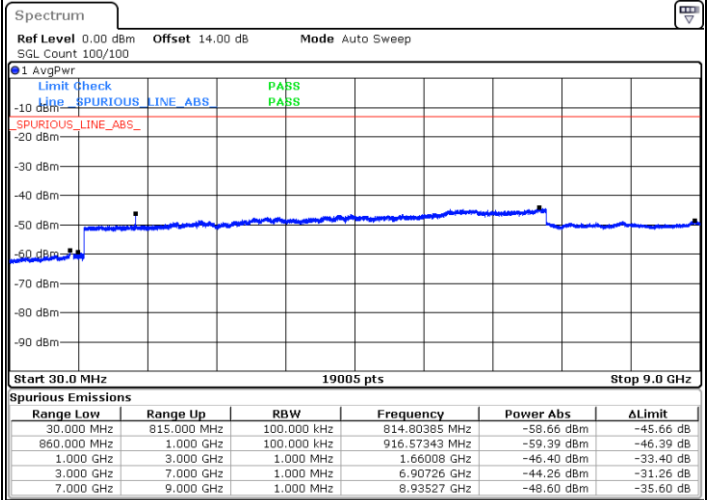
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



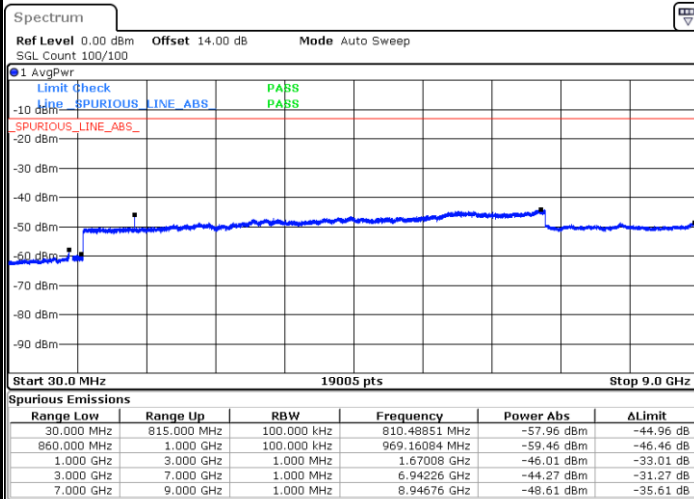
Date: 12.JAN.2022 11:48:33

Middle Channel / 64QAM



Date: 12.JAN.2022 11:50:25

Highest Channel / 64QAM



Date: 12.JAN.2022 11:55:25

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	0.0005	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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 :	Shun ping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 2 / 20MHz / QPSK									
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	3742.18	-62.39	-13	-49.39	-76.82	-69.14	5.85	12.60	H
	5613.27	-62.35	-13	-49.35	-79.19	-68.15	7.30	13.10	H
	7484.36	-57.42	-13	-44.42	-79.80	-60.57	8.35	11.50	H
	3742.18	-62.60	-13	-49.60	-77.24	-69.35	5.85	12.60	V
	5613.27	-61.56	-13	-48.56	-78.31	-67.36	7.30	13.10	V
	7484.36	-57.59	-13	-44.59	-79.9	-60.74	8.35	11.50	V

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

LTE Band 4 / 20MHz / QPSK									
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	3447.18	-63.70	-13	-50.70	-76.04	-70.55	5.65	12.50	H
	5170.77	-62.14	-13	-49.14	-79.41	-67.81	7.13	12.80	H
	6894.36	-59.61	-13	-46.61	-79.97	-63.01	8.40	11.80	H
	3447.18	-63.16	-13	-50.16	-76.05	-70.01	5.65	12.50	V
	5170.77	-62.13	-13	-49.13	-79.35	-67.80	7.13	12.80	V
	6894.36	-59.54	-13	-46.54	-79.81	-62.94	8.40	11.80	V

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

LTE Band 12 / 10MHz / QPSK									
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	-62.02	-13	-49.02	-69.98	-65.27	4.00	9.40	H
	2109	-64.99	-13	-51.99	-74.65	-68.56	4.88	10.60	H
	2812	-63.12	-13	-50.12	-74.98	-68.05	5.52	12.60	H
	1406	-59.95	-13	-46.95	-67.99	-63.20	4.00	9.40	V
	2109	-63.49	-13	-50.49	-73.52	-67.06	4.88	10.60	V
	2812	-62.78	-13	-49.78	-74.88	-67.71	5.52	12.60	V

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



LTE Band 26 / 3MHz / QPSK									
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	1670.3	-66.60	-13	-53.60	-72.69	-69.85	4.00	9.40	H
	2505.45	-52.47	-13	-39.47	-62.63	-56.04	4.88	10.60	H
	3340.6	-63.44	-13	-50.44	-75.31	-68.37	5.52	12.60	H
	1670.3	-66.94	-13	-53.94	-72.76	-70.19	4.00	9.40	V
	2505.45	-48.63	-13	-35.63	-59.12	-52.20	4.88	10.60	V
	3340.6	-63.14	-13	-50.14	-75.40	-68.07	5.52	12.60	V

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