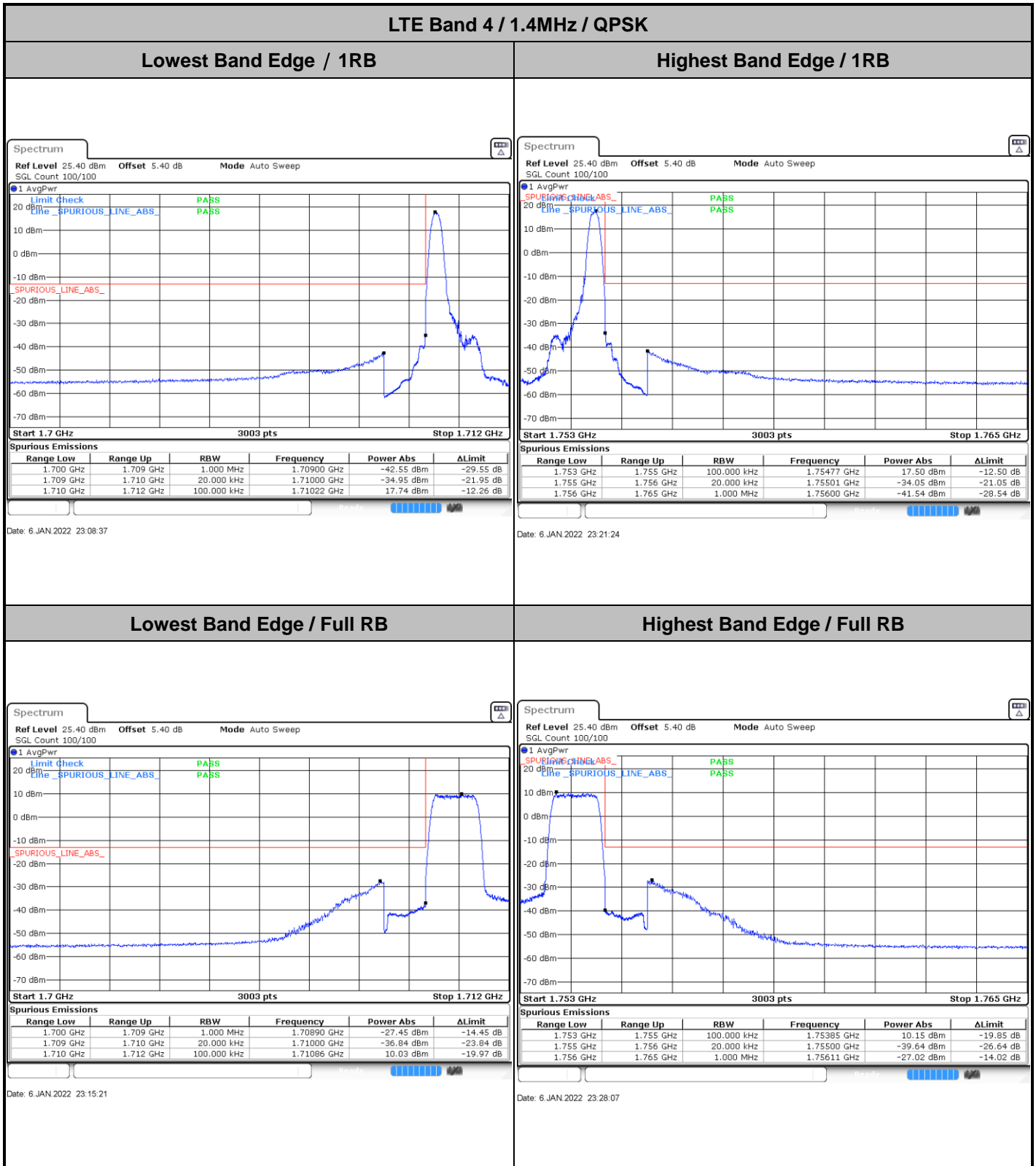




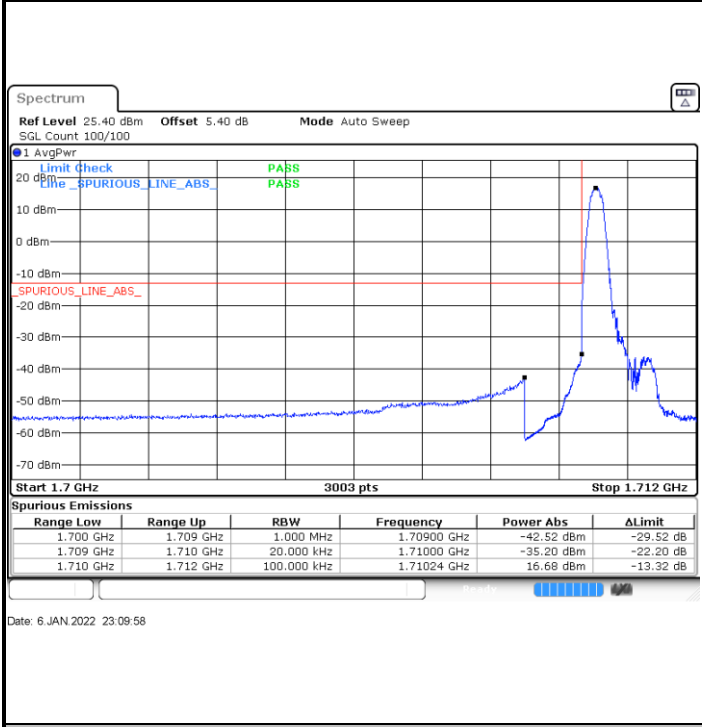
Conducted Band Edge



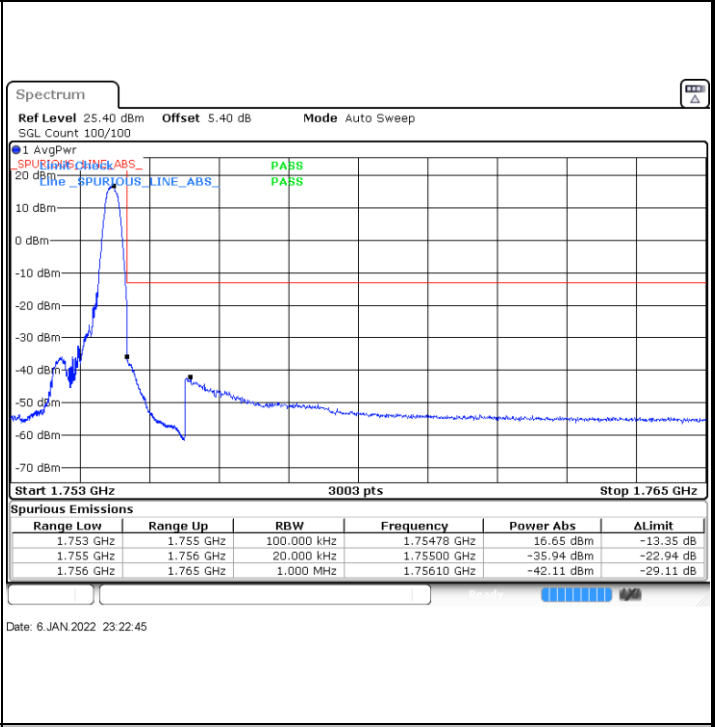


LTE Band 4 / 1.4MHz / 16QAM

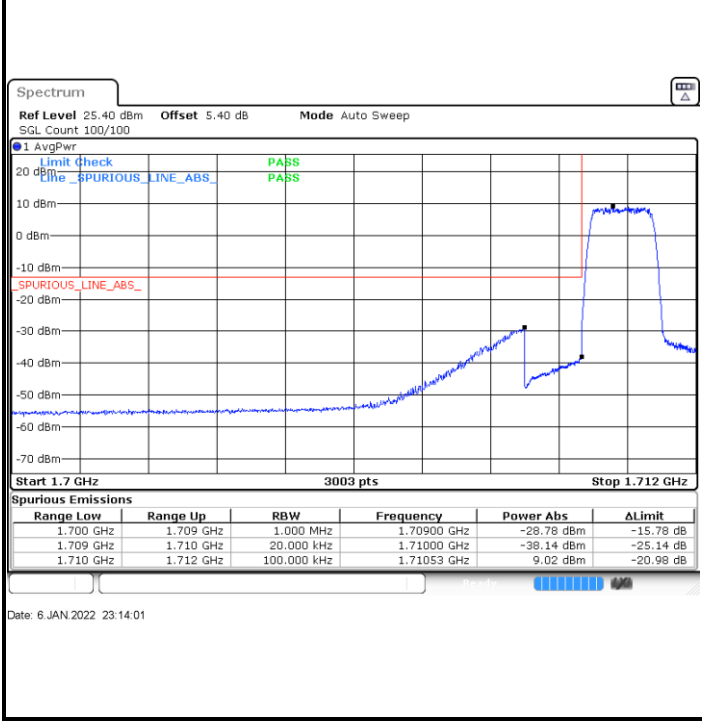
Lowest Band Edge / 1 RB



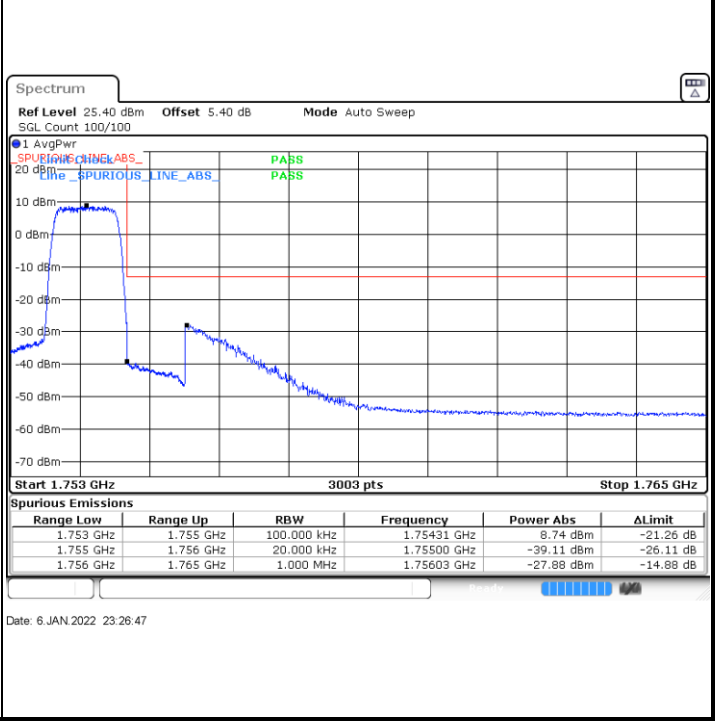
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



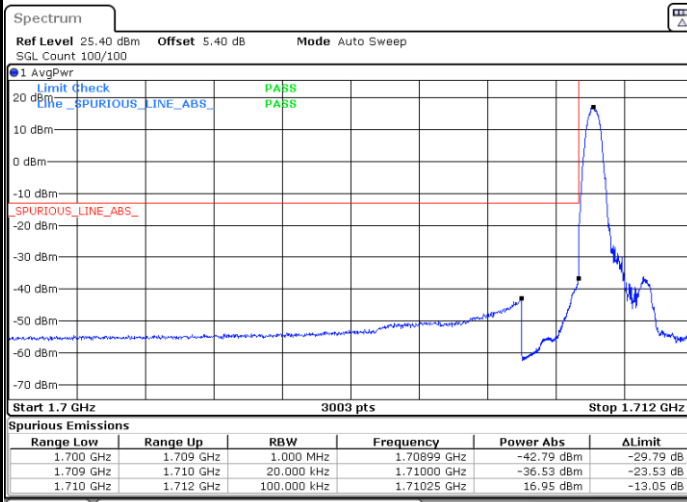
Highest Band Edge / Full RB





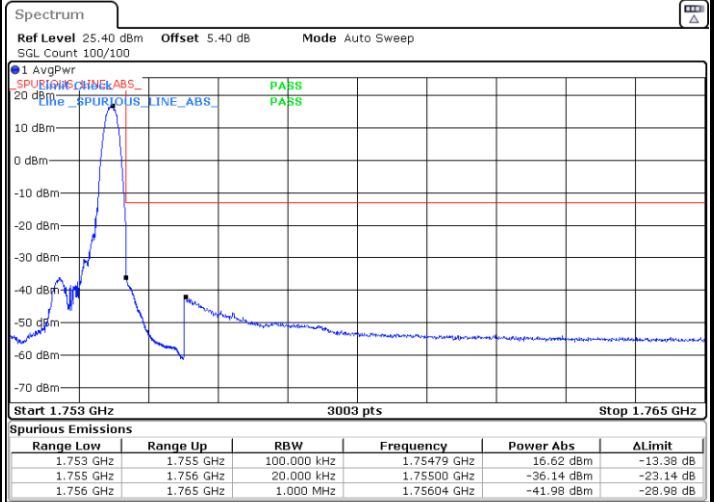
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



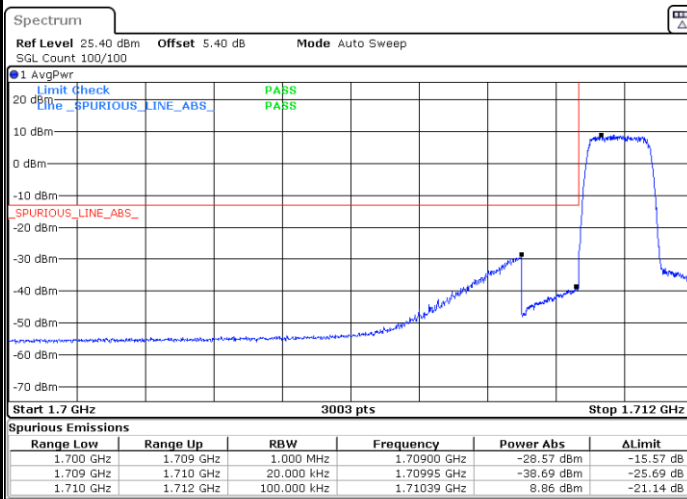
Date: 6 JAN 2022 23:11:19

Highest Band Edge / 1 RB



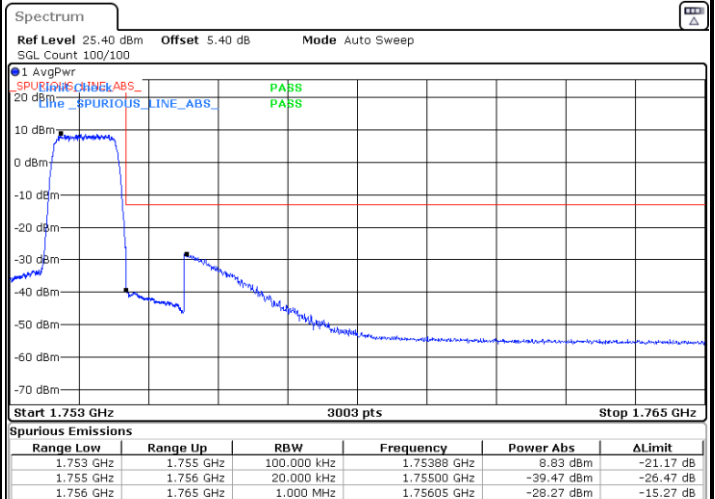
Date: 6 JAN 2022 23:24:06

Lowest Band Edge / Full RB



Date: 6 JAN 2022 23:12:40

Highest Band Edge / Full RB

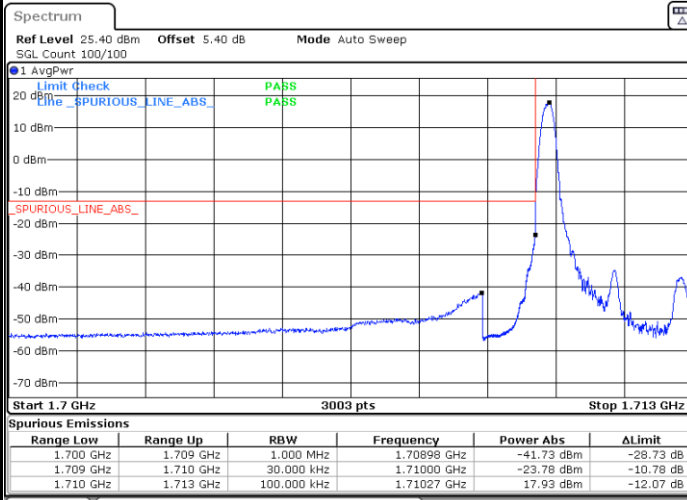


Date: 6 JAN 2022 23:25:26



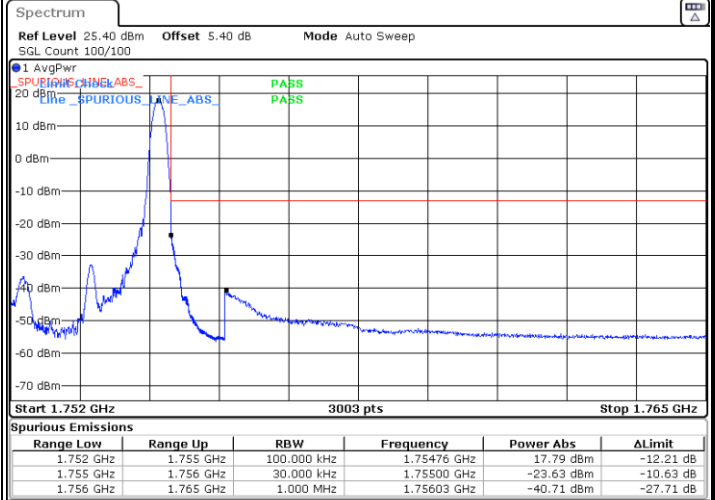
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



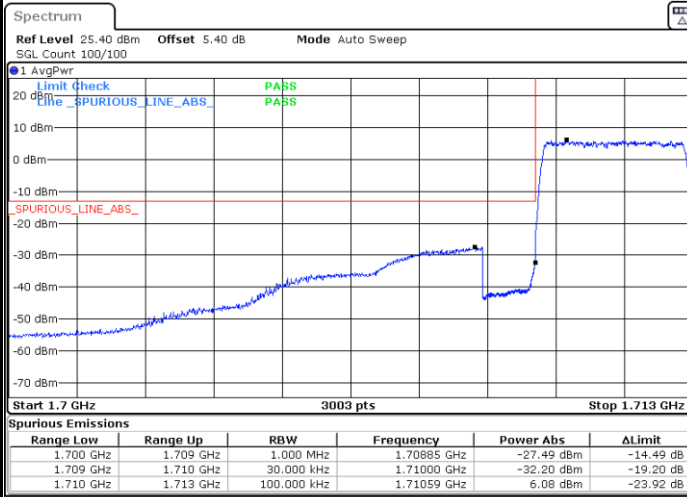
Date: 6 JAN 2022 23:31:50

Highest Band Edge / 1 RB



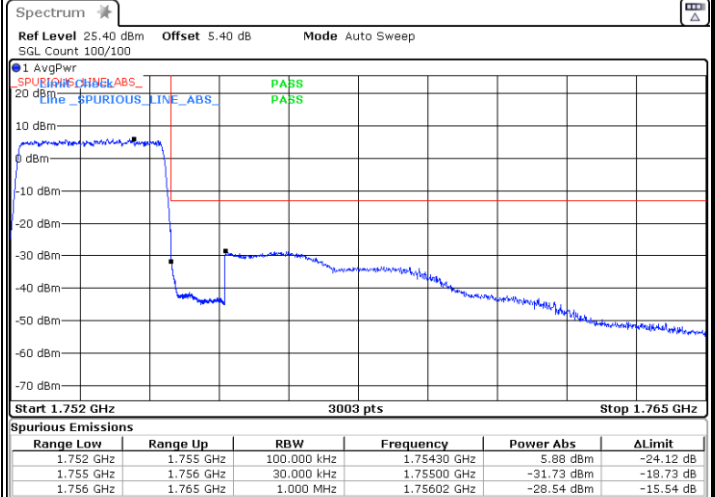
Date: 6 JAN 2022 23:44:37

Lowest Band Edge / Full RB



Date: 6 JAN 2022 23:38:34

Highest Band Edge / Full RB

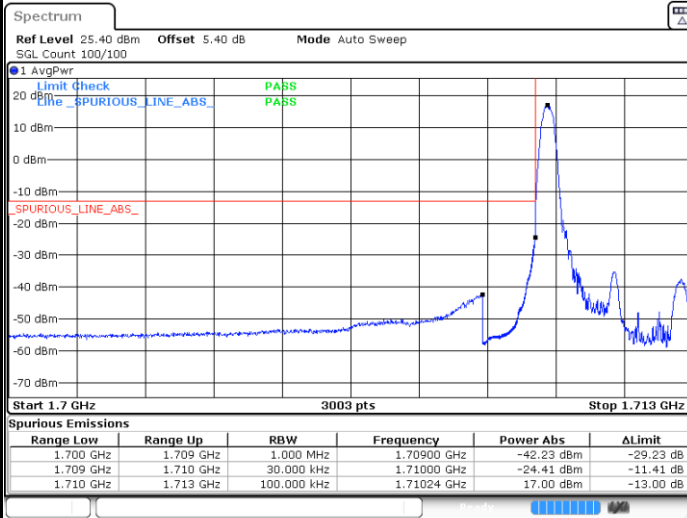


Date: 6 JAN 2022 23:51:21



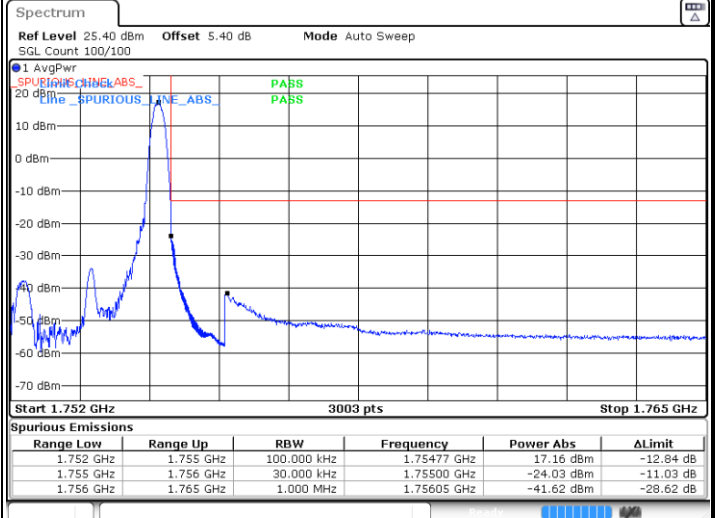
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



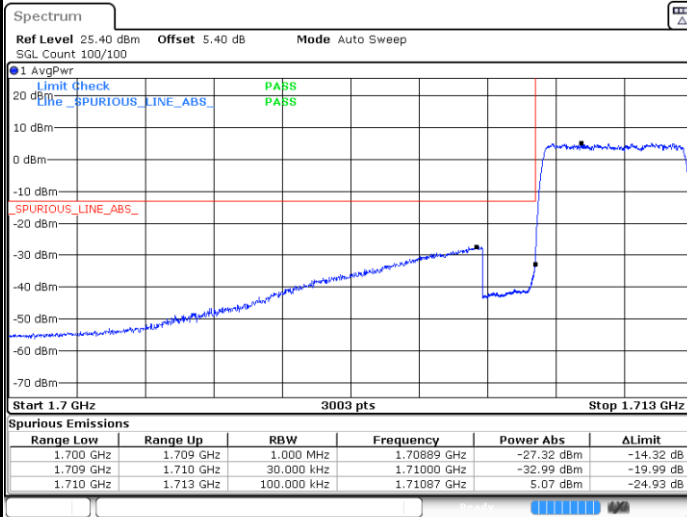
Date: 6 JAN 2022 23:33:10

Highest Band Edge / 1 RB



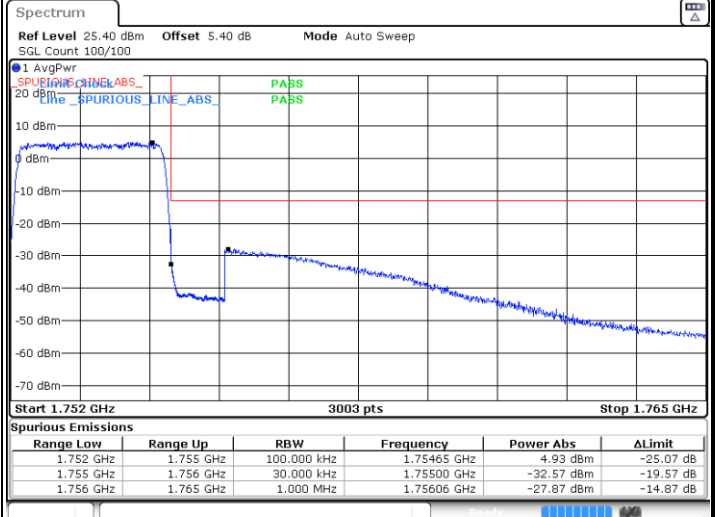
Date: 7 JAN 2022 01:30:48

Lowest Band Edge / Full RB



Date: 6 JAN 2022 23:37:13

Highest Band Edge / Full RB

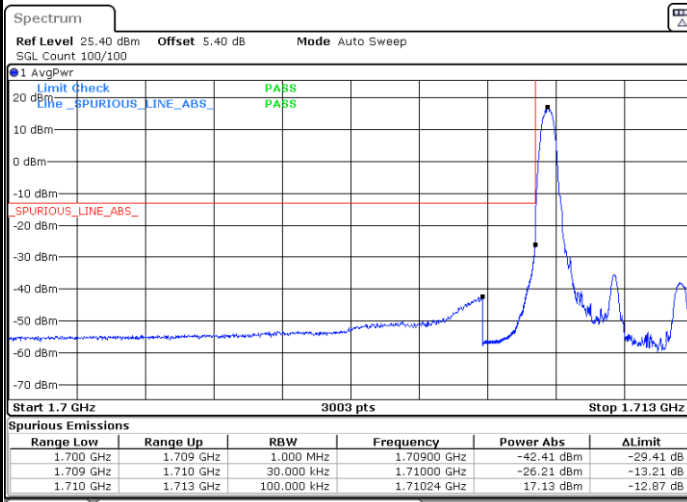


Date: 6 JAN 2022 23:50:01



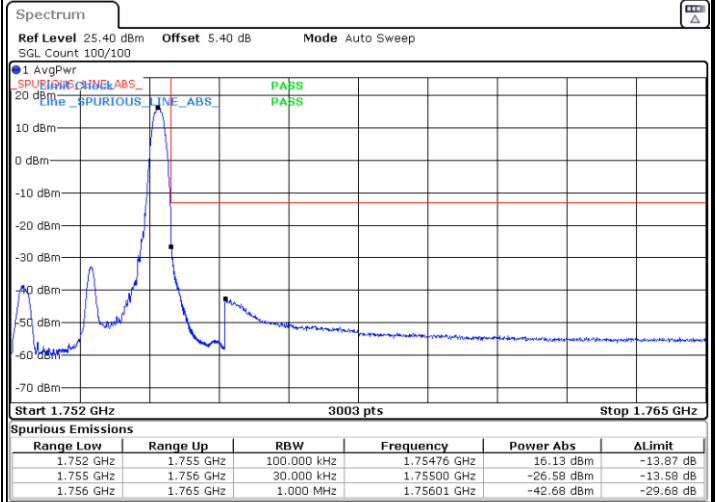
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



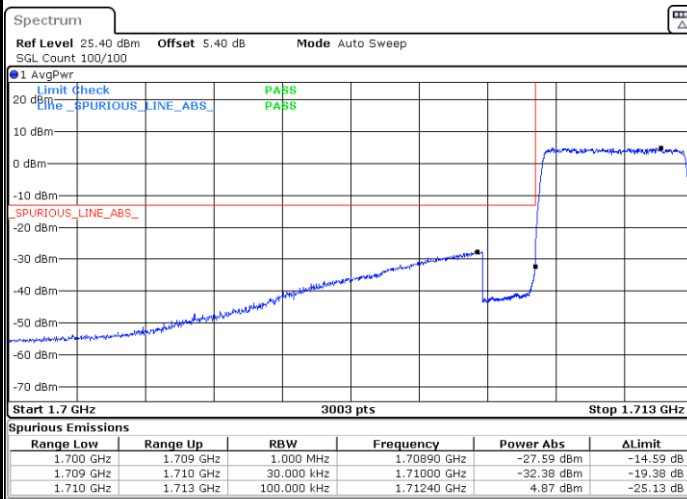
Date: 6 JAN 2022 23:34:31

Highest Band Edge / 1 RB



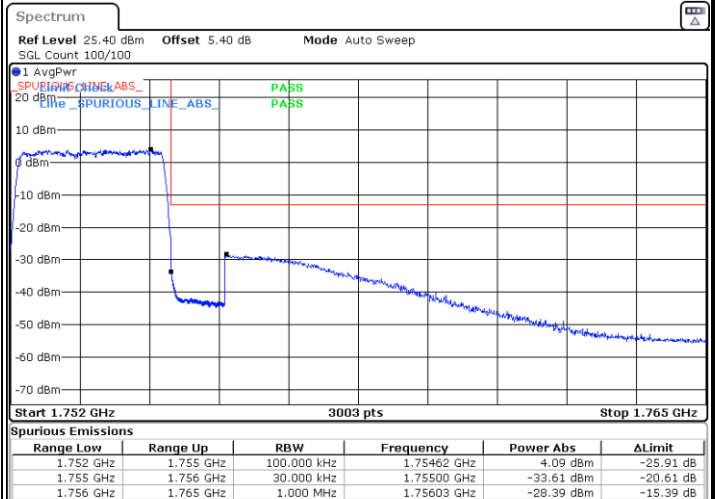
Date: 6 JAN 2022 23:47:19

Lowest Band Edge / Full RB



Date: 6 JAN 2022 23:35:52

Highest Band Edge / Full RB

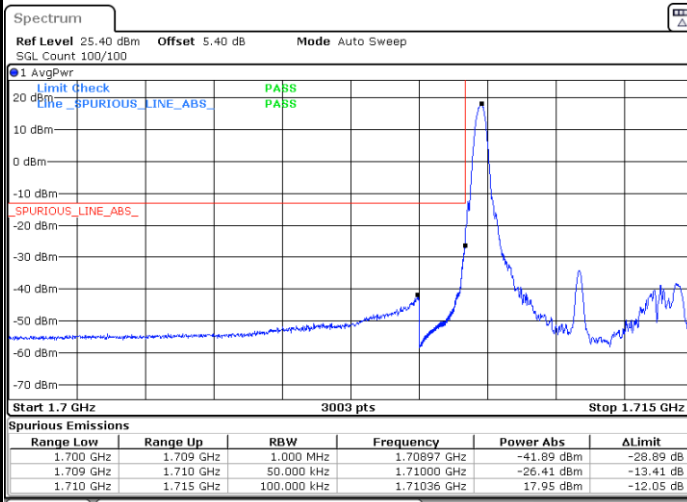


Date: 6 JAN 2022 23:48:40



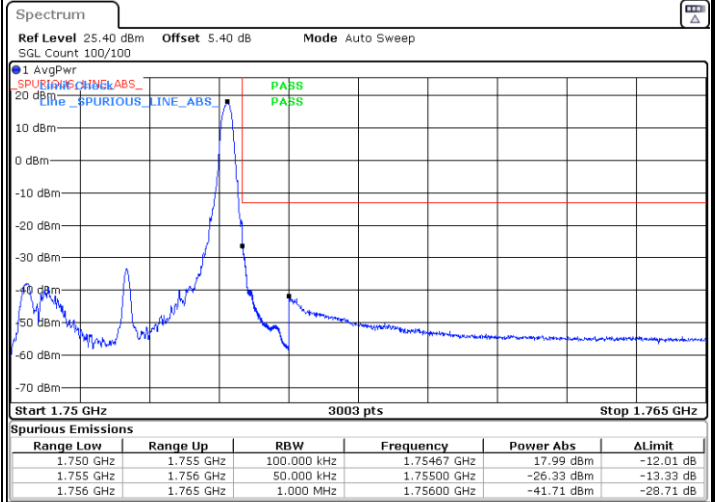
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



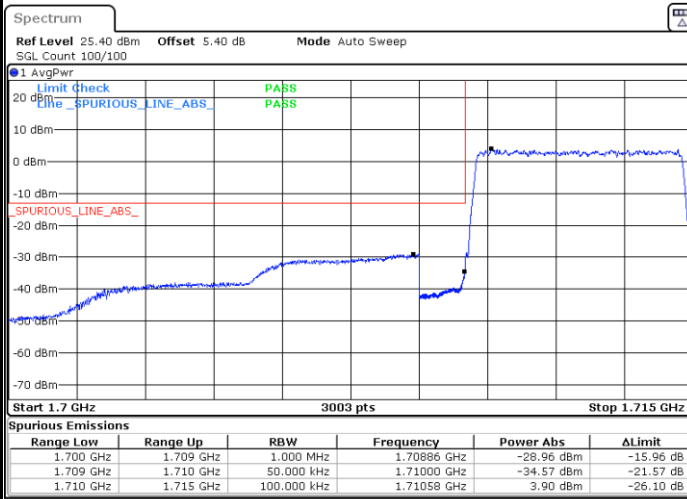
Date: 6 JAN 2022 23:55:04

Highest Band Edge / 1 RB



Date: 7 JAN 2022 00:07:51

Lowest Band Edge / Full RB



Date: 7 JAN 2022 00:01:48

Highest Band Edge / Full RB

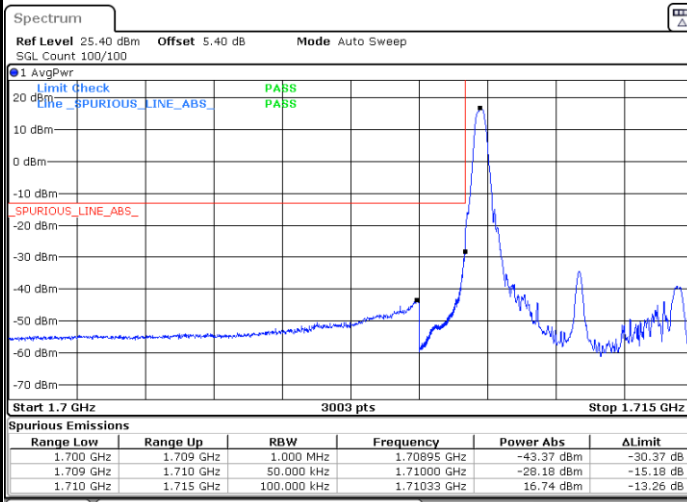


Date: 7 JAN 2022 00:14:35



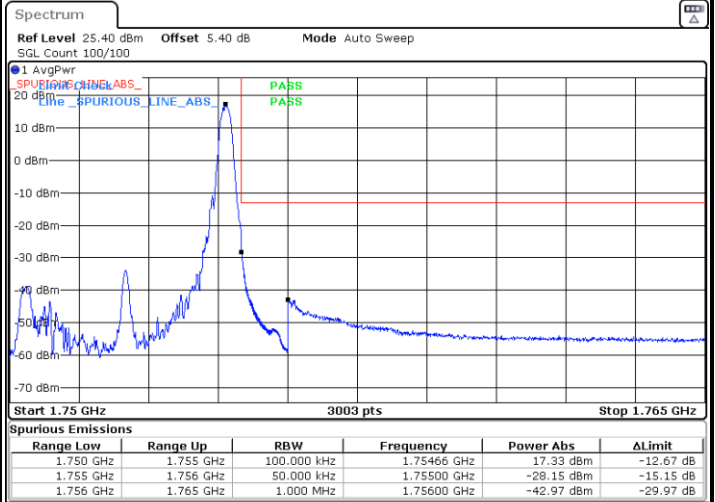
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



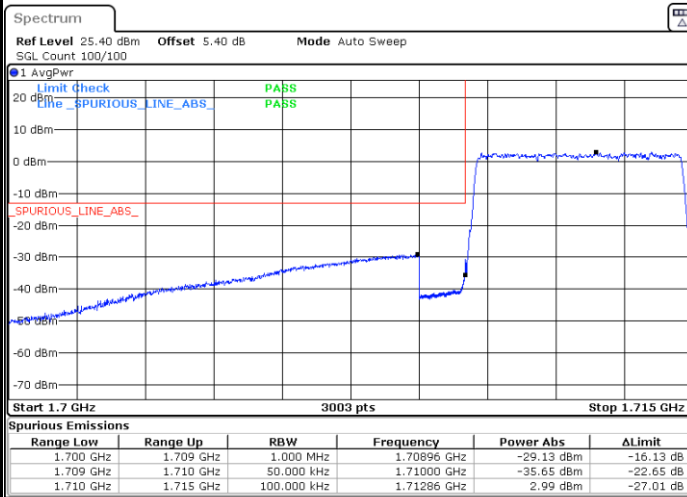
Date: 6 JAN 2022 23:56:25

Highest Band Edge / 1 RB



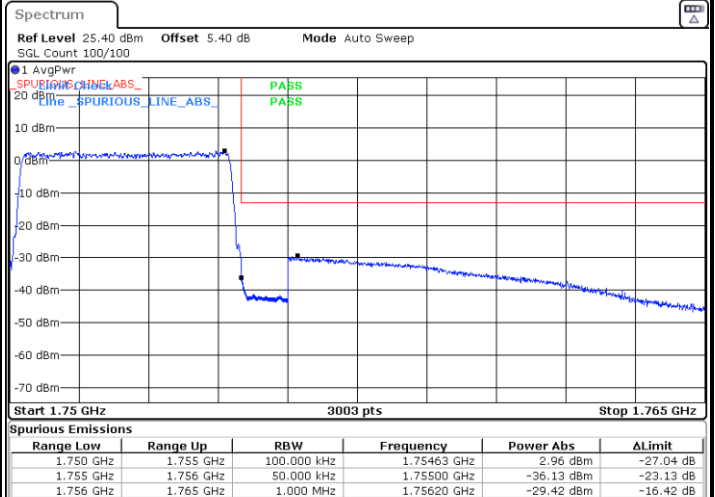
Date: 7 JAN 2022 00:09:12

Lowest Band Edge / Full RB



Date: 7 JAN 2022 00:00:27

Highest Band Edge / Full RB

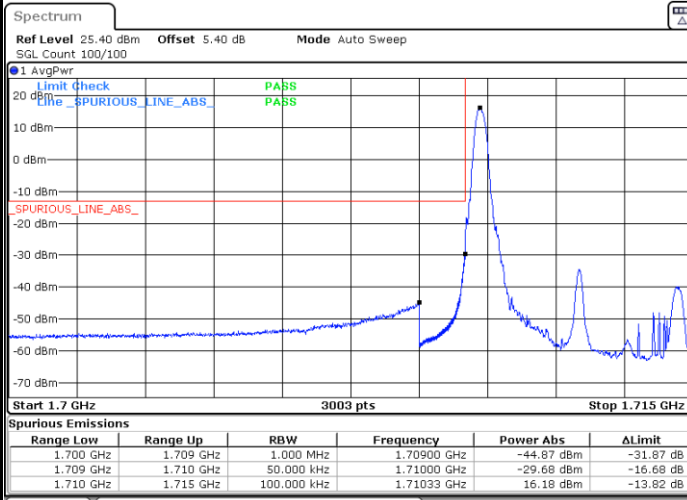


Date: 7 JAN 2022 00:13:14



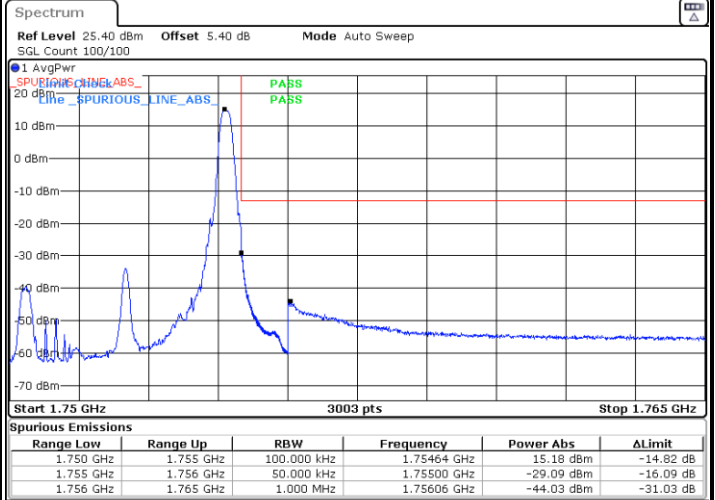
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



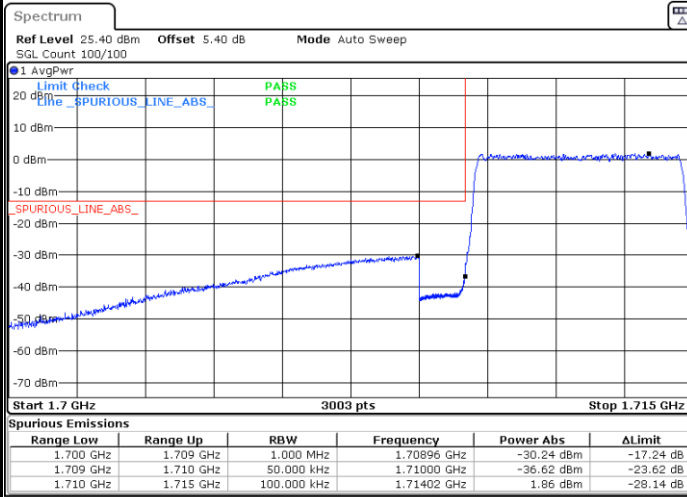
Date: 6 JAN 2022 23:57:46

Highest Band Edge / 1 RB



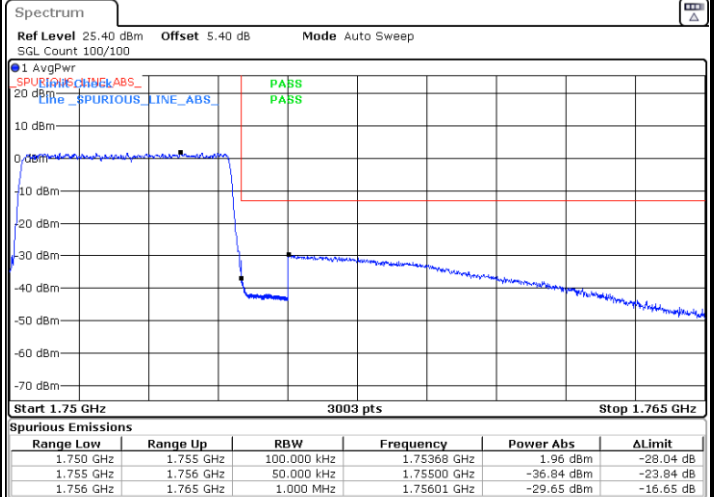
Date: 7 JAN 2022 00:10:33

Lowest Band Edge / Full RB



Date: 6 JAN 2022 23:59:07

Highest Band Edge / Full RB

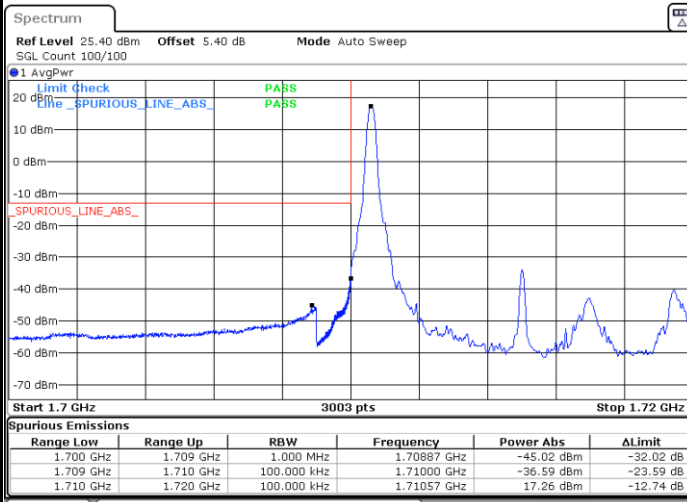


Date: 7 JAN 2022 00:11:53



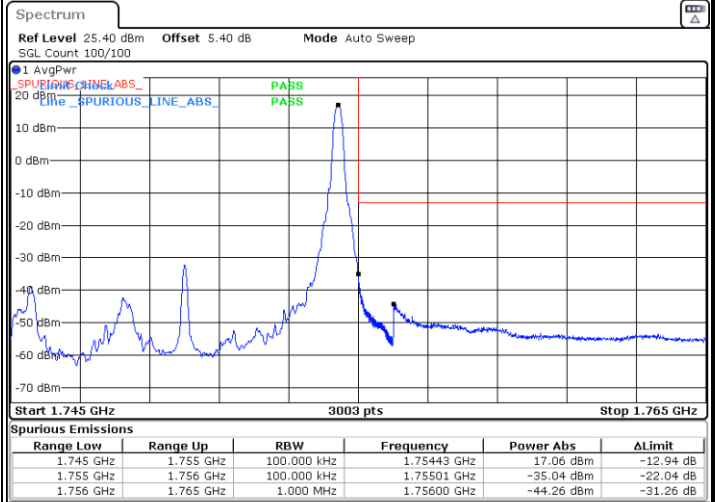
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



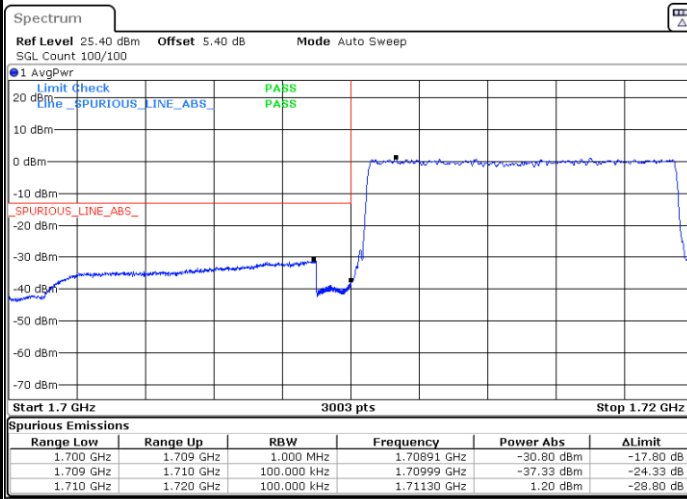
Date: 7. JAN.2022 00:20:20

Highest Band Edge / 1 RB



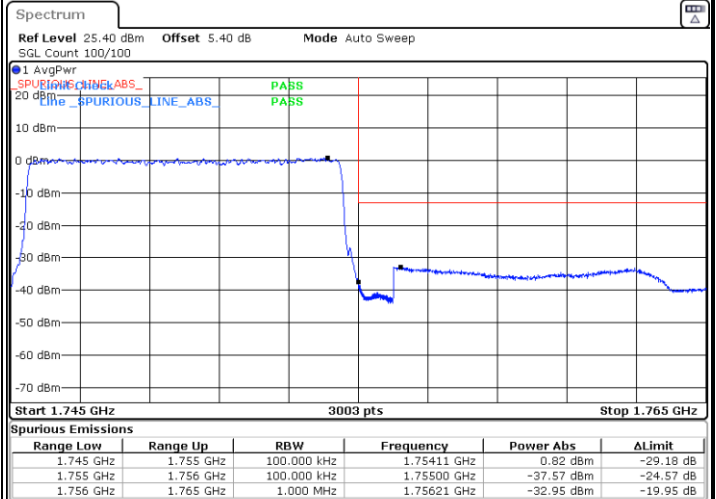
Date: 7. JAN.2022 00:33:07

Lowest Band Edge / Full RB



Date: 7. JAN.2022 00:27:04

Highest Band Edge / Full RB

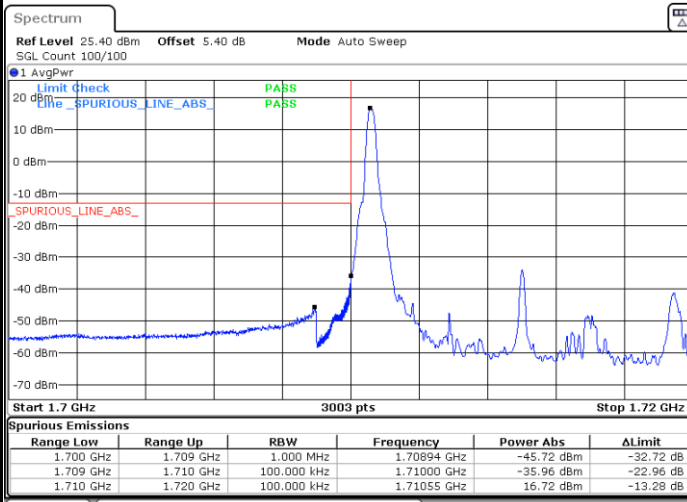


Date: 7. JAN.2022 00:39:49



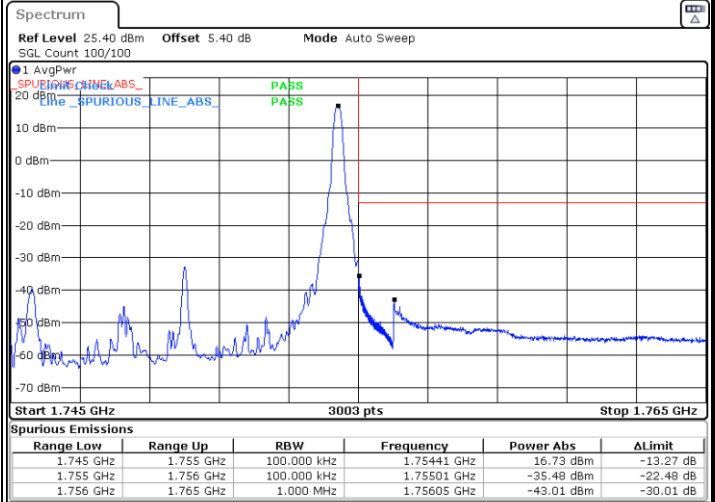
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



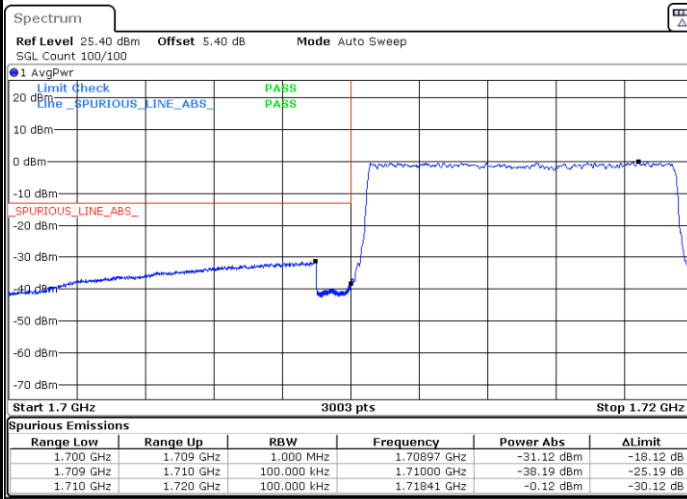
Date: 7. JAN.2022 00:21:41

Highest Band Edge / 1 RB



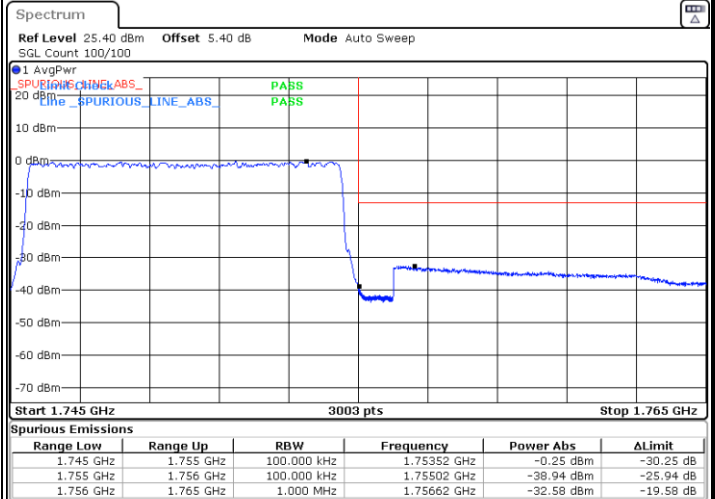
Date: 7. JAN.2022 00:34:27

Lowest Band Edge / Full RB



Date: 7. JAN.2022 00:25:43

Highest Band Edge / Full RB

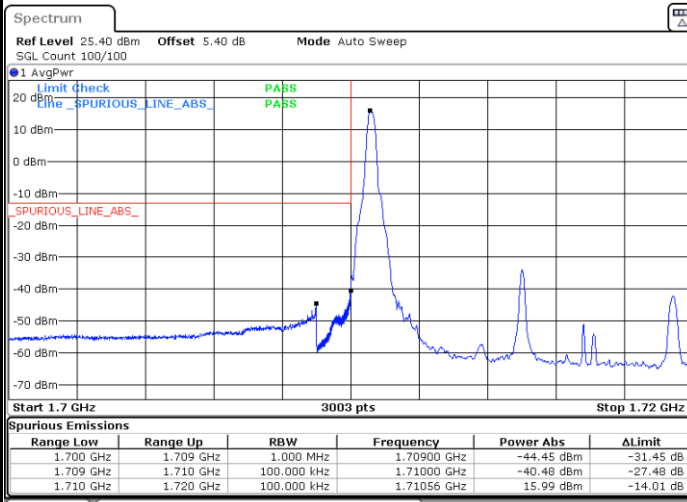


Date: 7. JAN.2022 00:38:29



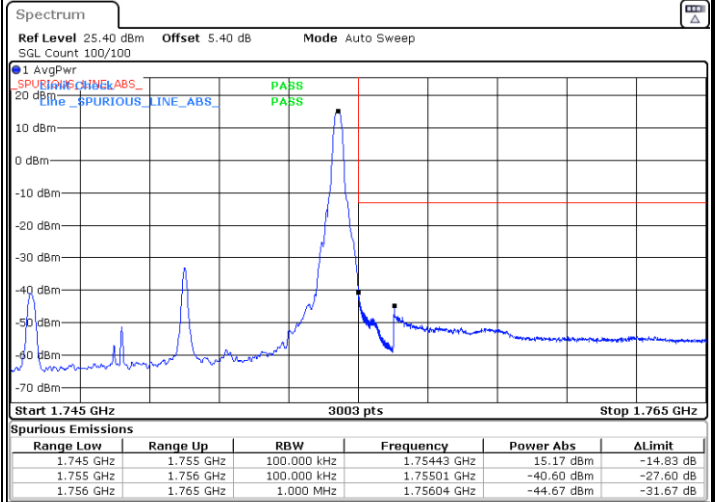
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



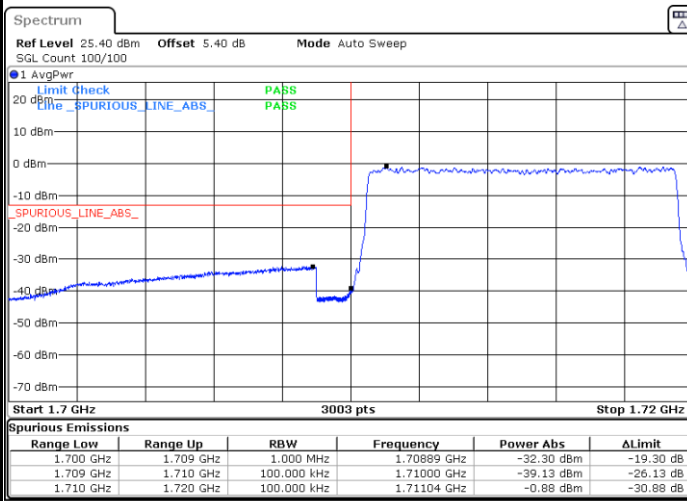
Date: 7. JAN.2022 00:23:01

Highest Band Edge / 1 RB



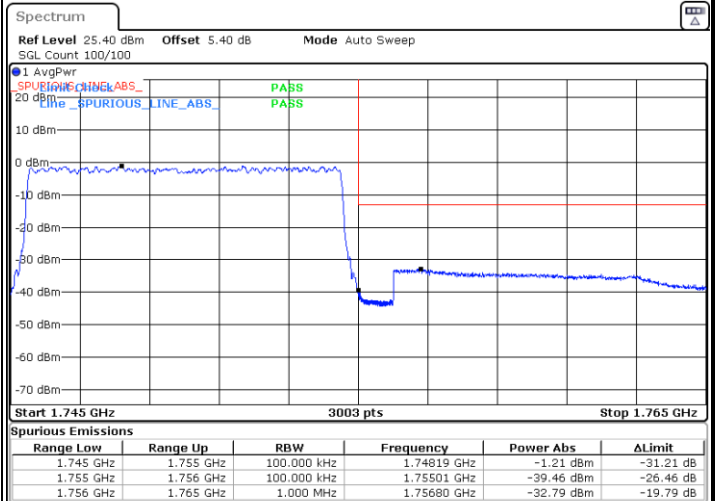
Date: 7. JAN.2022 00:35:48

Lowest Band Edge / Full RB



Date: 7. JAN.2022 00:24:22

Highest Band Edge / Full RB

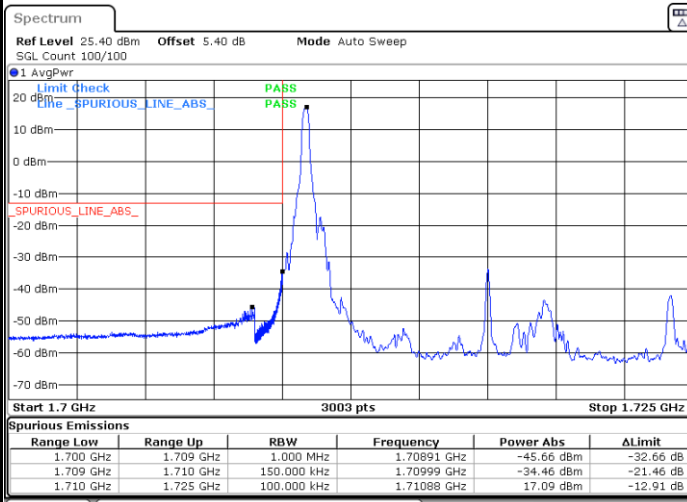


Date: 7. JAN.2022 00:37:08



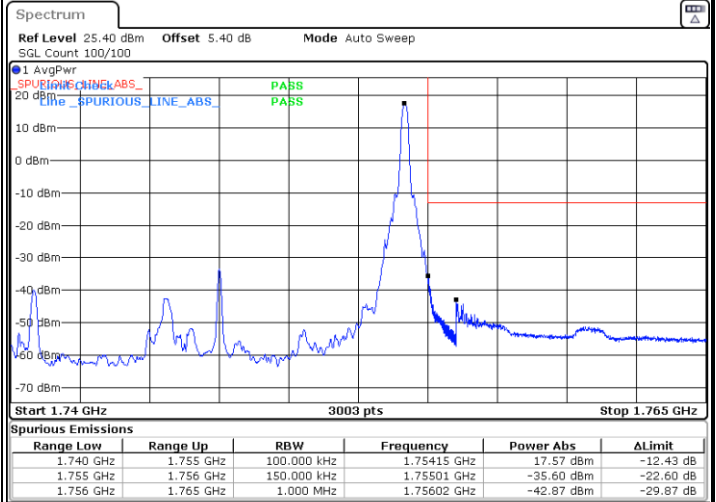
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



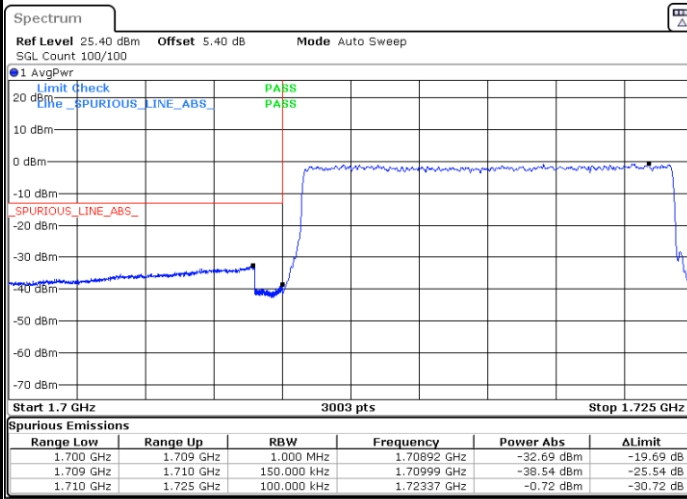
Date: 7, JAN 2022 00:43:32

Highest Band Edge / 1 RB



Date: 7, JAN 2022 00:56:19

Lowest Band Edge / Full RB



Date: 7, JAN 2022 00:50:16

Highest Band Edge / Full RB

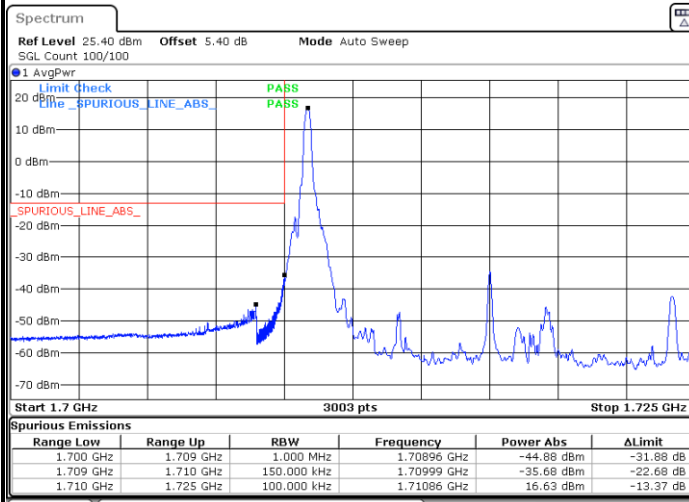


Date: 7, JAN 2022 01:03:03



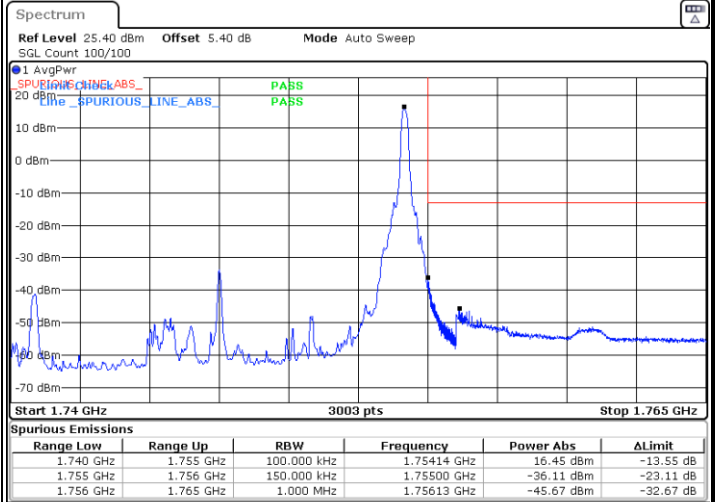
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



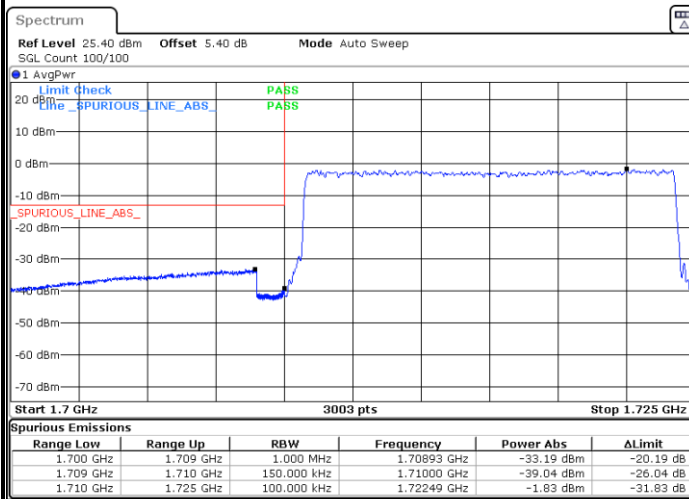
Date: 7. JAN.2022 00:44:52

Highest Band Edge / 1 RB



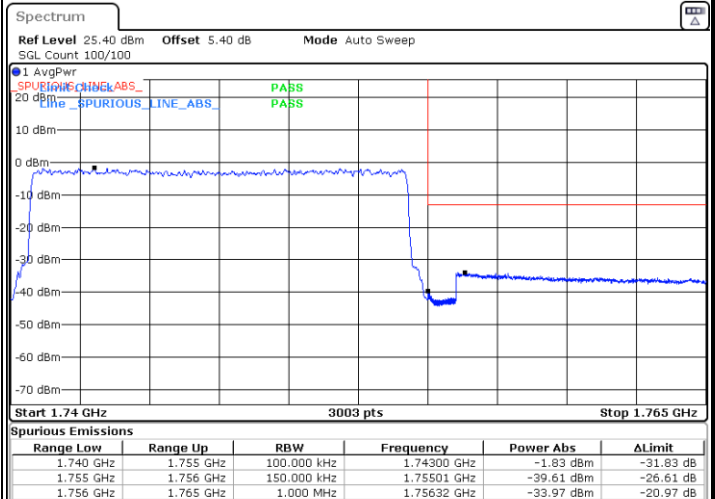
Date: 7. JAN.2022 00:57:40

Lowest Band Edge / Full RB



Date: 7. JAN.2022 00:48:55

Highest Band Edge / Full RB

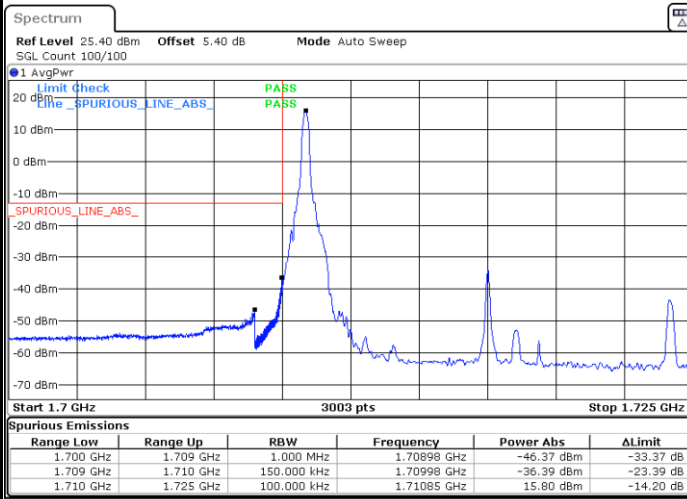


Date: 7. JAN.2022 01:01:42



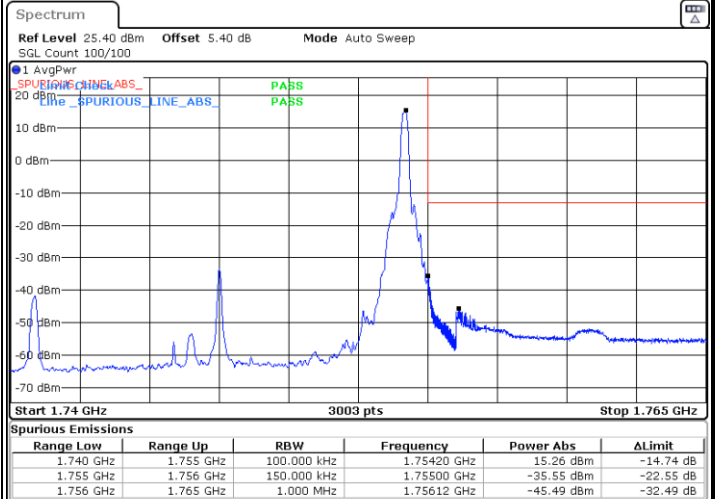
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



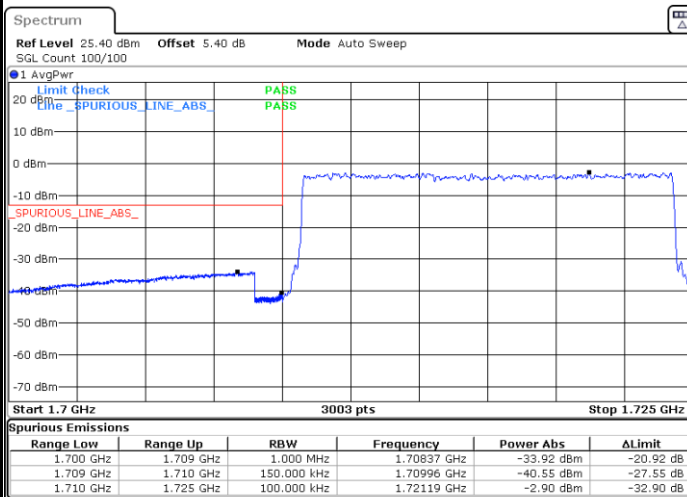
Date: 7, JAN 2022 00:46:13

Highest Band Edge / 1 RB



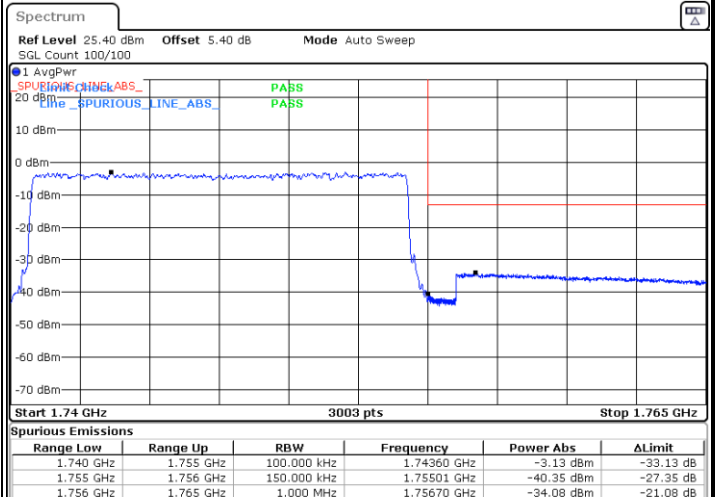
Date: 7, JAN 2022 00:59:00

Lowest Band Edge / Full RB



Date: 7, JAN 2022 00:47:34

Highest Band Edge / Full RB

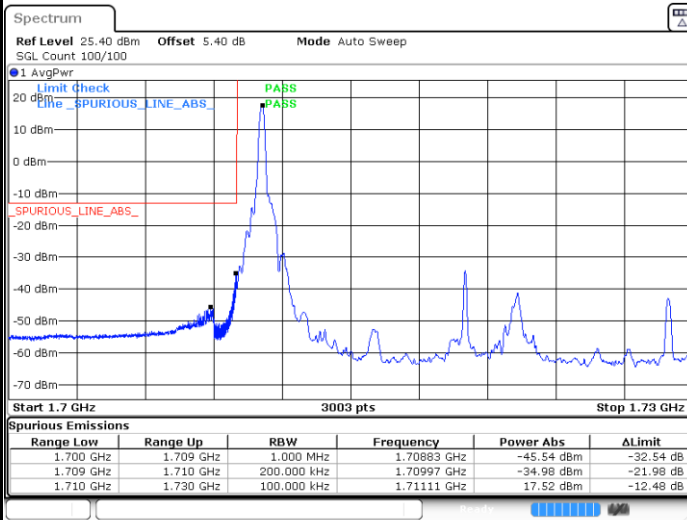


Date: 7, JAN 2022 01:00:21



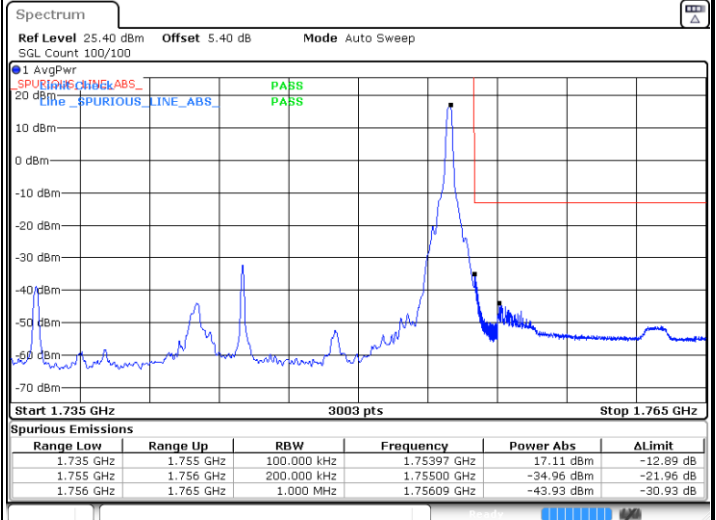
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



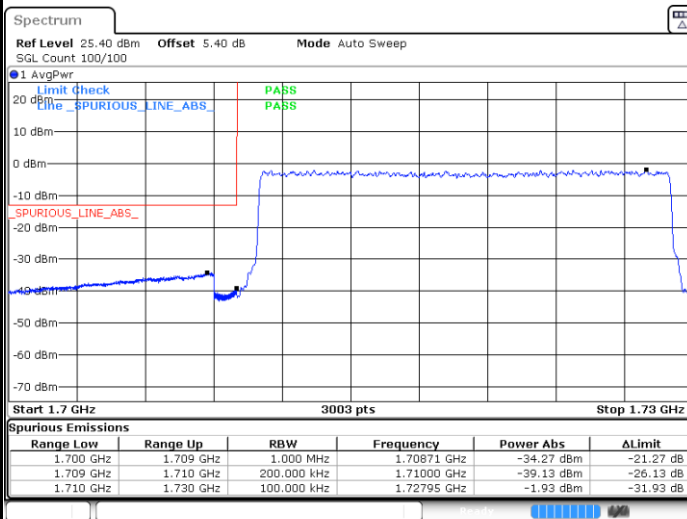
Date: 7, JAN 2022 01:06:45

Highest Band Edge / 1 RB



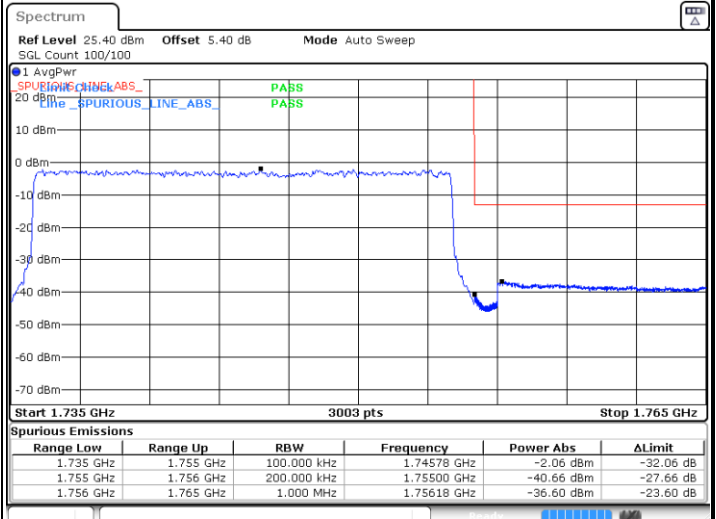
Date: 7, JAN 2022 01:19:32

Lowest Band Edge / Full RB



Date: 7, JAN 2022 01:13:29

Highest Band Edge / Full RB

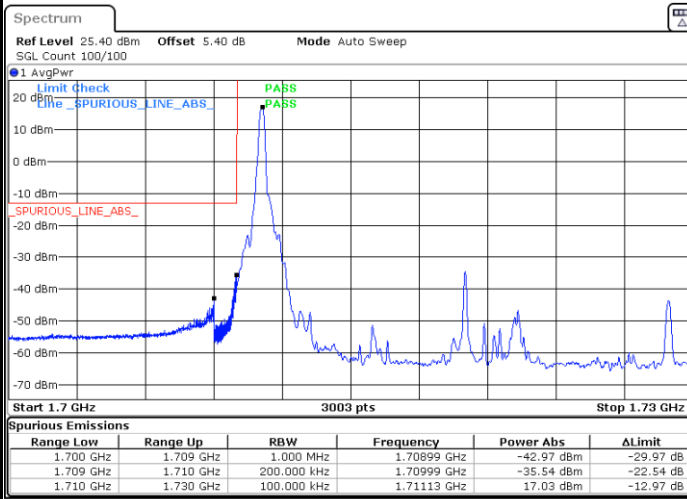


Date: 7, JAN 2022 01:26:15



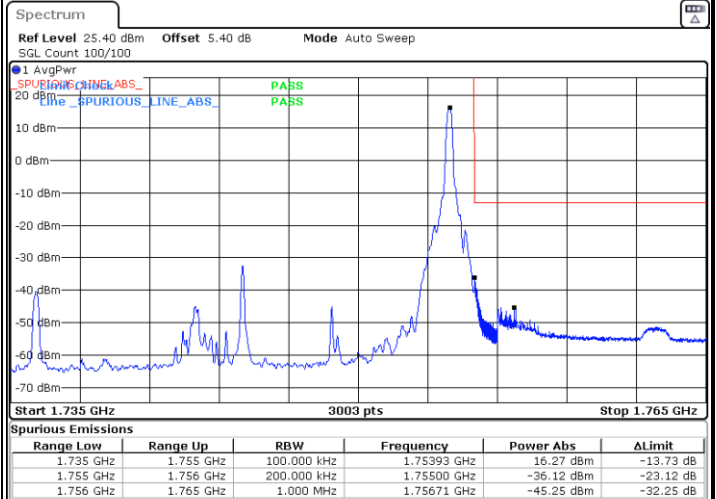
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



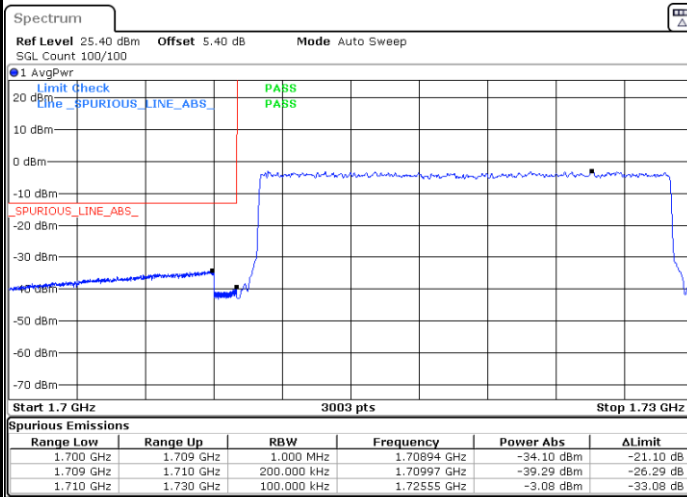
Date: 7, JAN 2022 01:08:06

Highest Band Edge / 1 RB



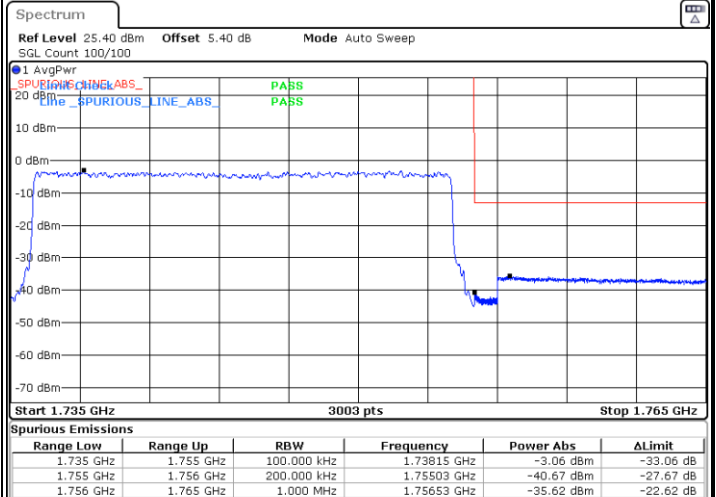
Date: 7, JAN 2022 01:20:53

Lowest Band Edge / Full RB



Date: 7, JAN 2022 01:12:08

Highest Band Edge / Full RB

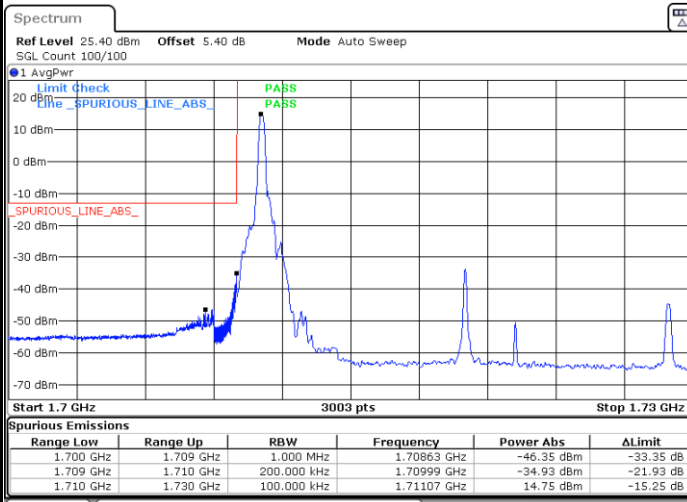


Date: 7, JAN 2022 01:24:55



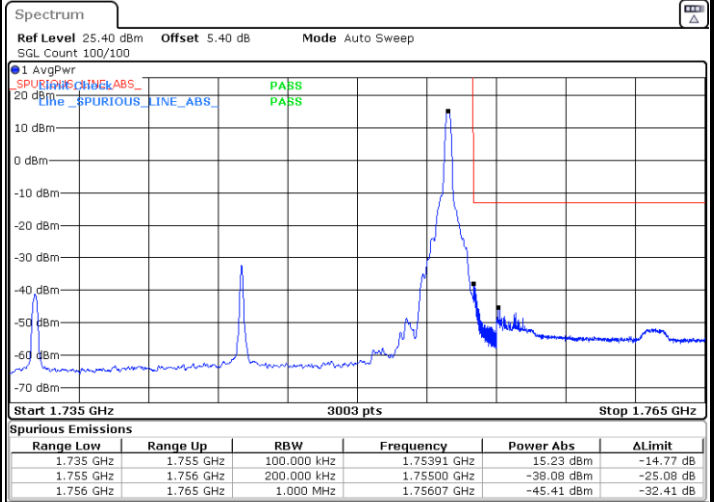
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



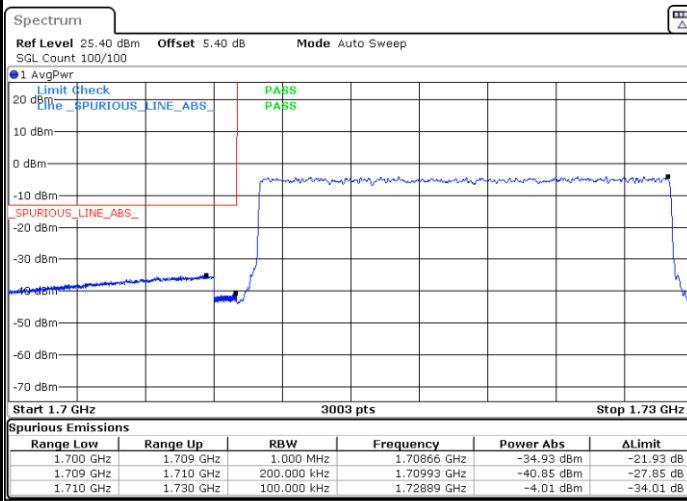
Date: 7. JAN.2022 01:09:27

Highest Band Edge / 1 RB



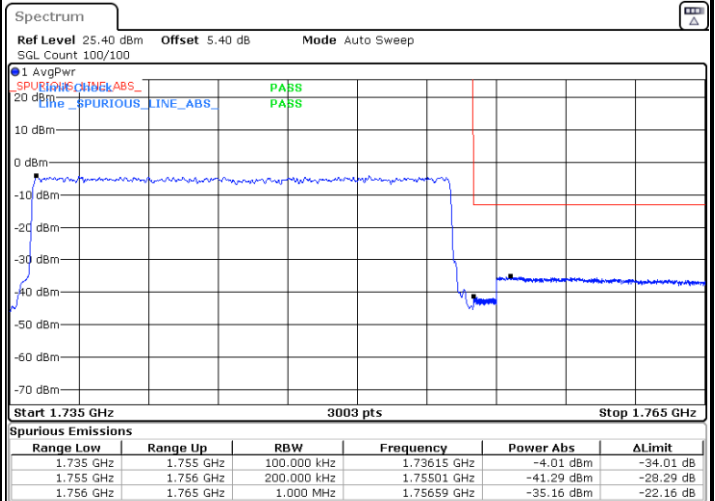
Date: 7. JAN.2022 01:22:14

Lowest Band Edge / Full RB



Date: 7. JAN.2022 01:10:47

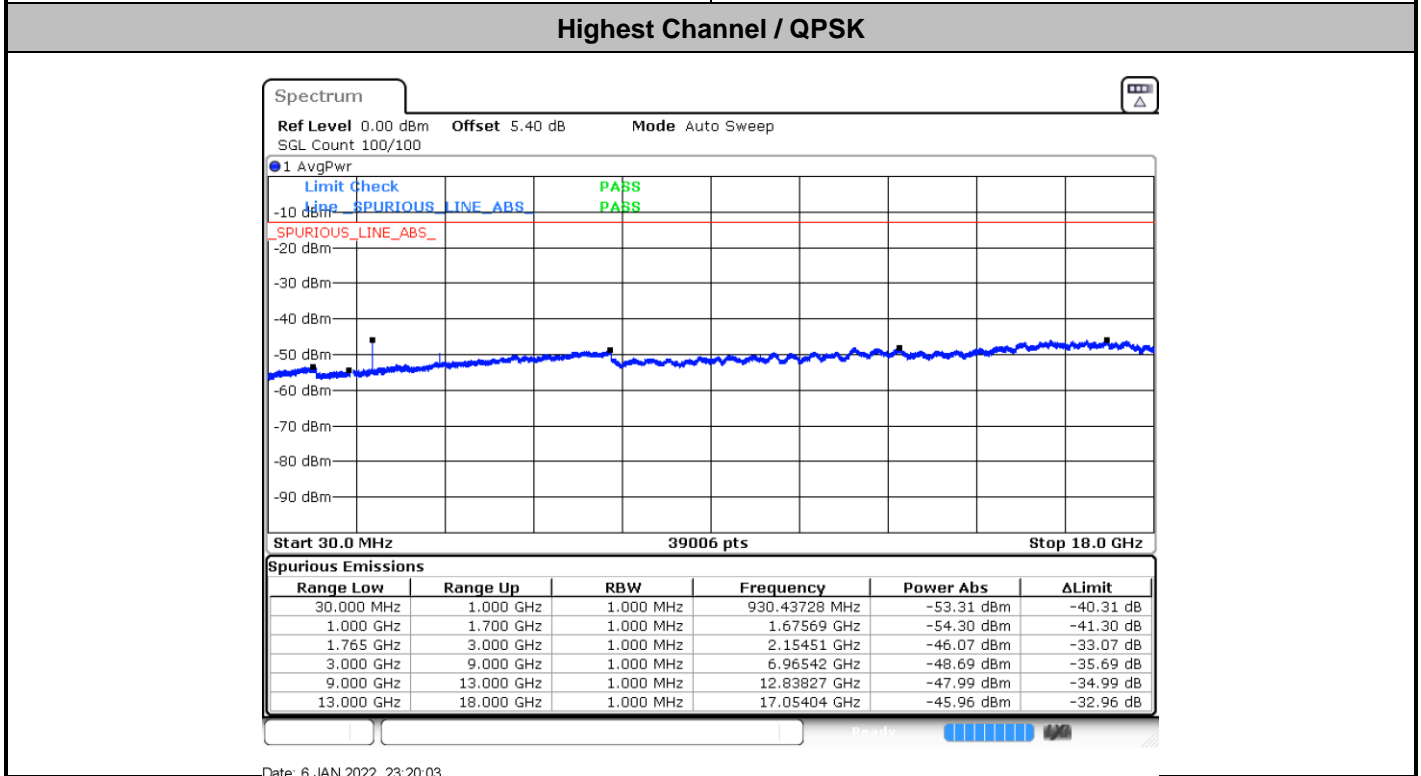
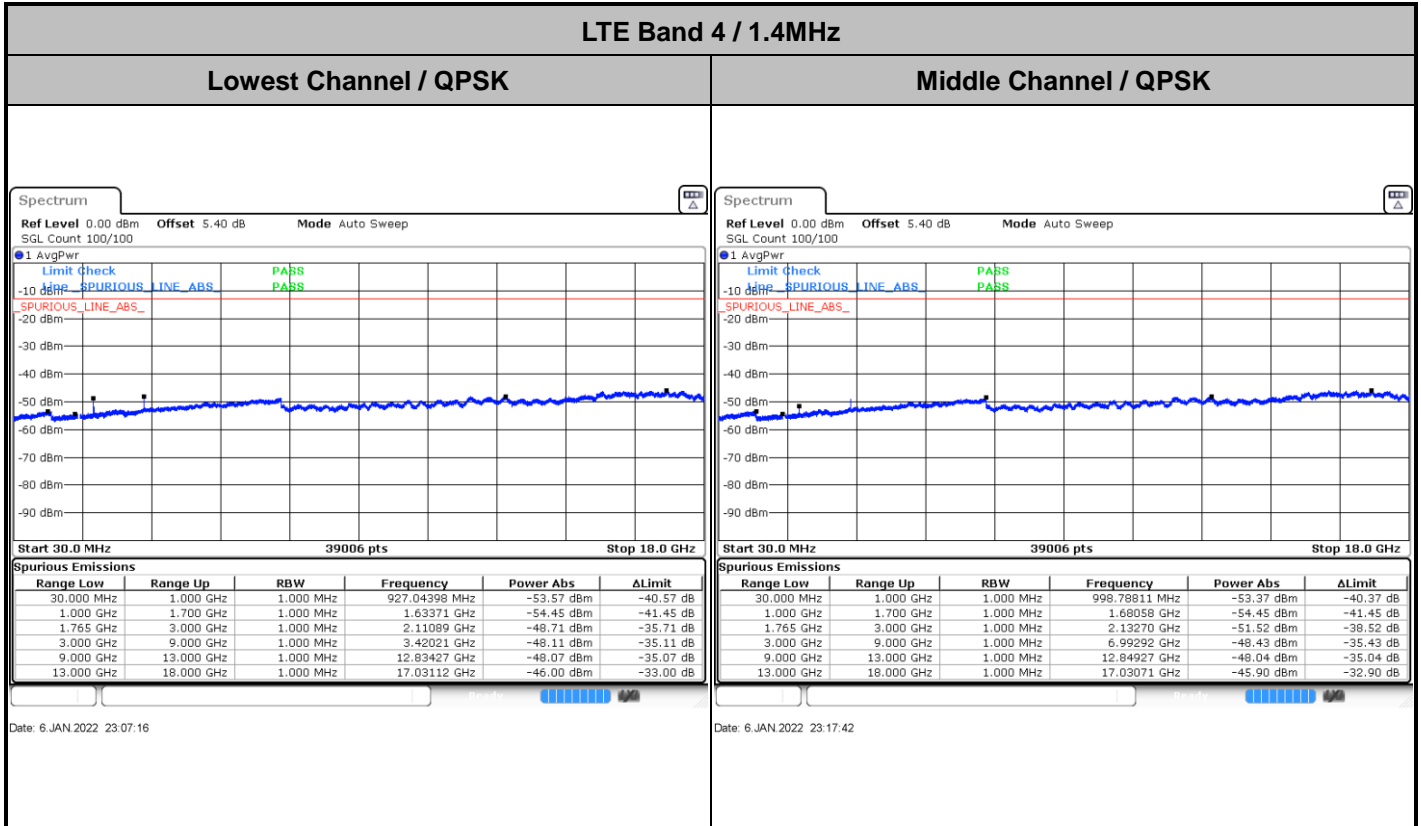
Highest Band Edge / Full RB



Date: 7. JAN.2022 01:23:34



Conducted Spurious Emission

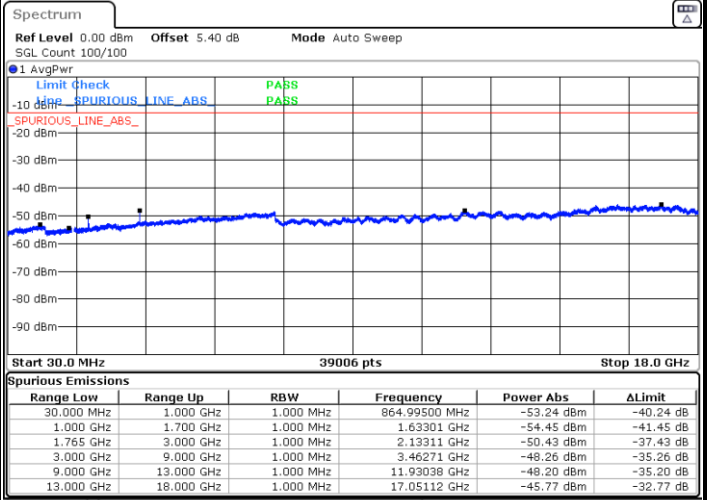
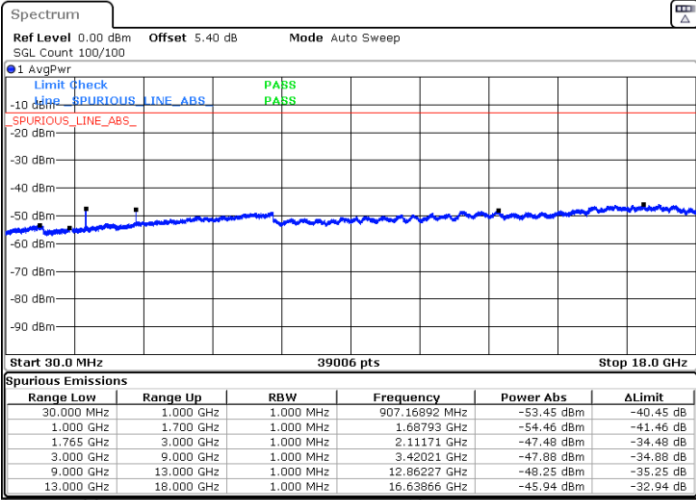




LTE Band 4 / 3MHz

Lowest Channel / QPSK

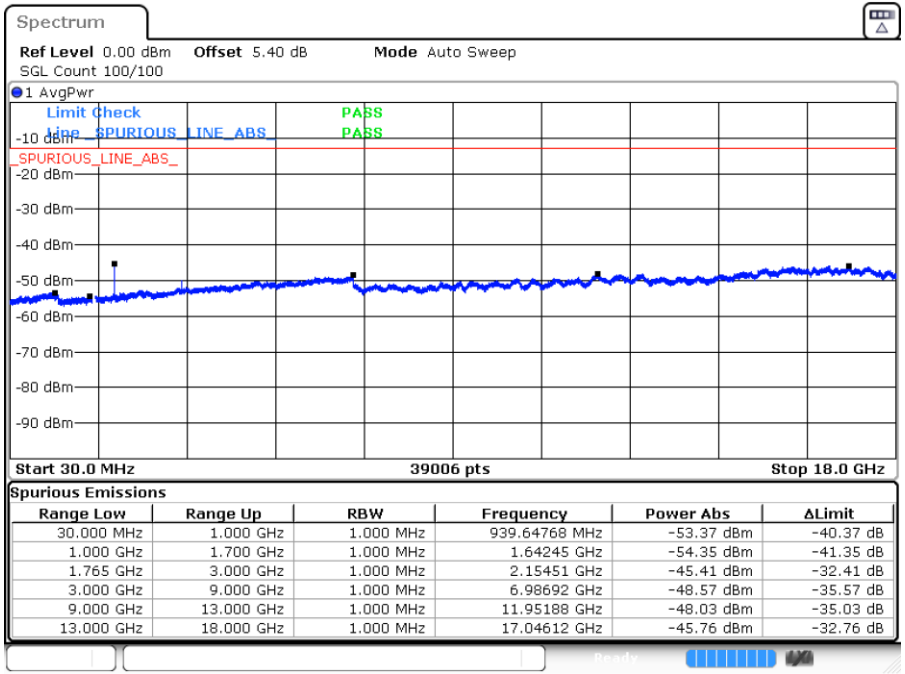
Middle Channel / QPSK



Date: 6 JAN 2022 23:30:29

Date: 6 JAN 2022 23:40:55

Highest Channel / QPSK



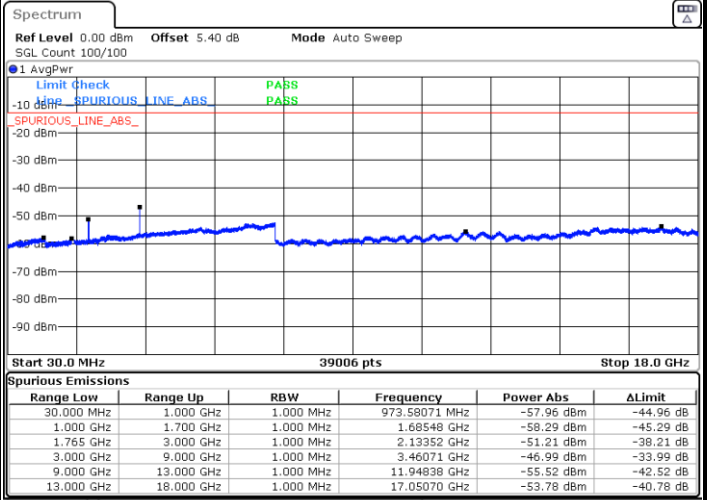
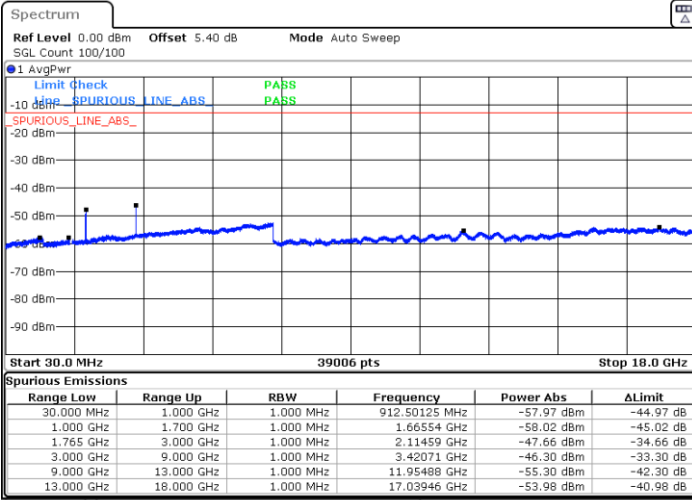
Date: 6 JAN 2022 23:43:16



LTE Band 4 / 5MHz

Lowest Channel / QPSK

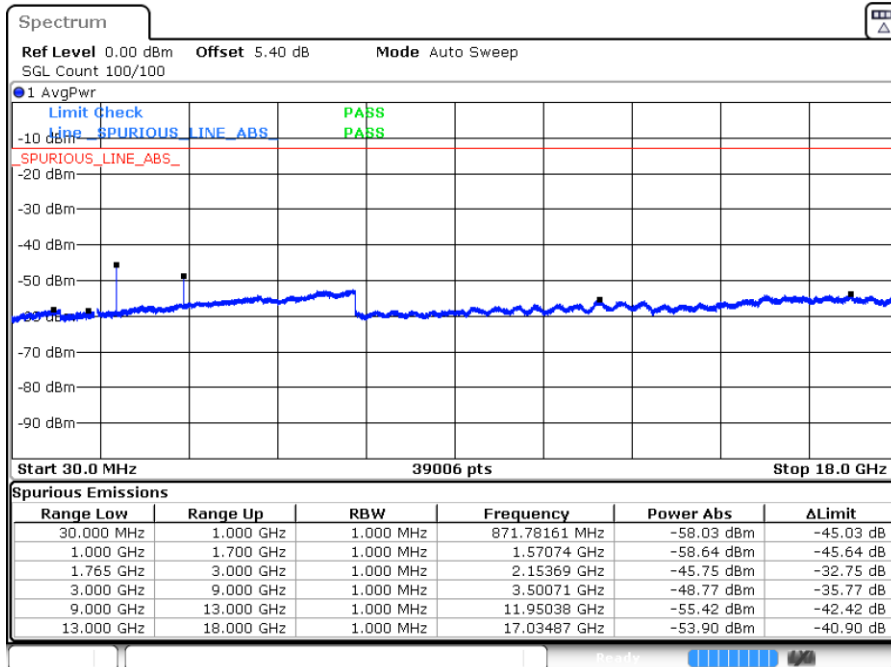
Middle Channel / QPSK



Date: 6 JAN 2022 23:53:43

Date: 7 JAN 2022 00:04:09

Highest Channel / QPSK



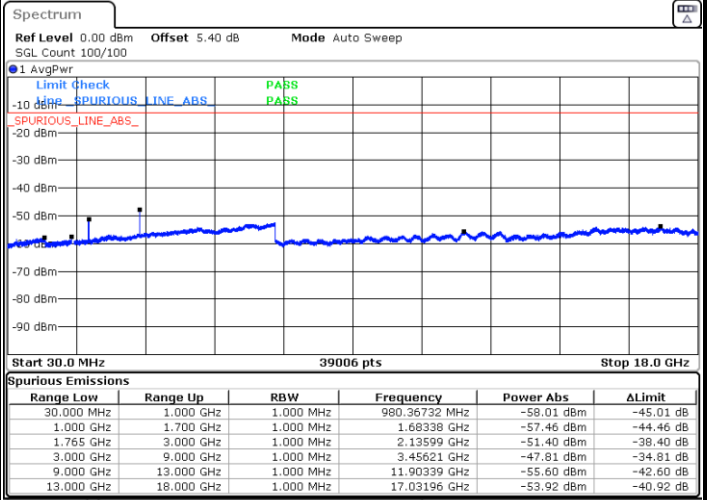
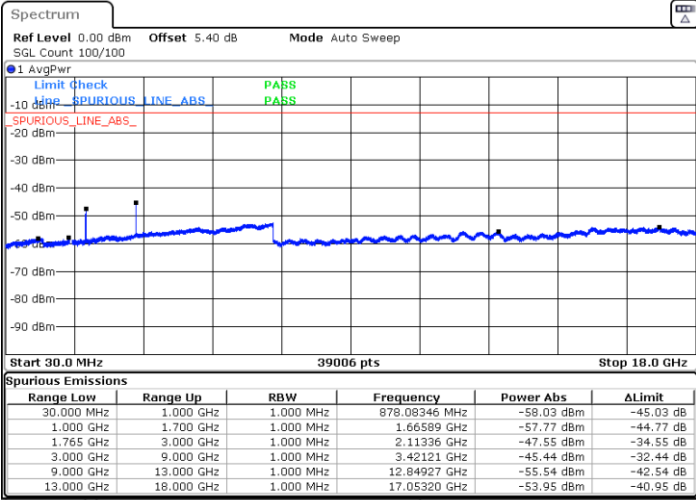
Date: 7 JAN 2022 00:06:30



LTE Band 4 / 10MHz

Lowest Channel / QPSK

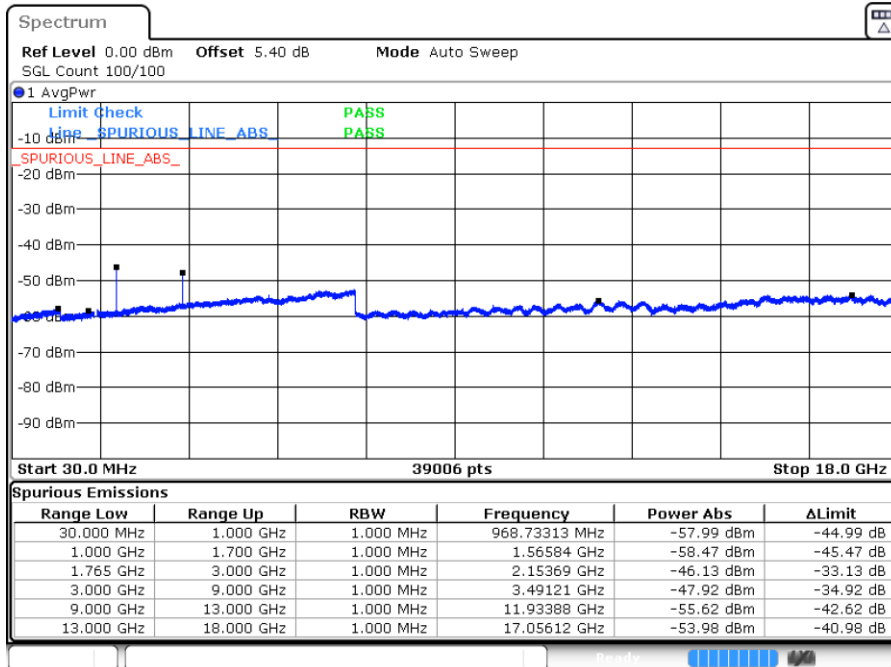
Middle Channel / QPSK



Date: 7. JAN 2022 00:18:59

Date: 7. JAN 2022 00:29:25

Highest Channel / QPSK



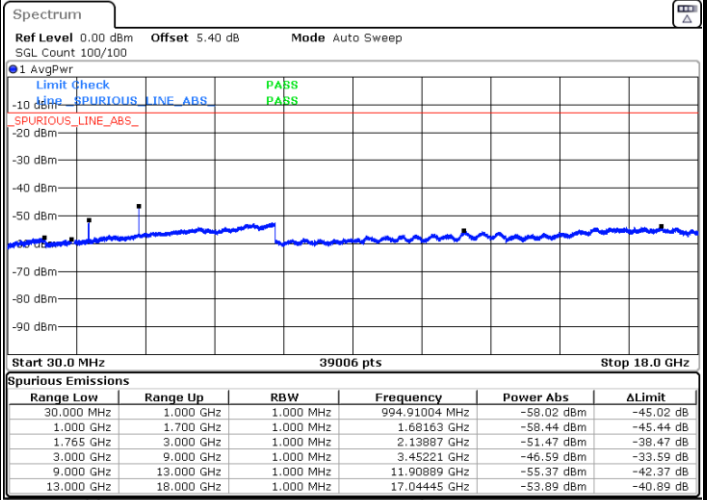
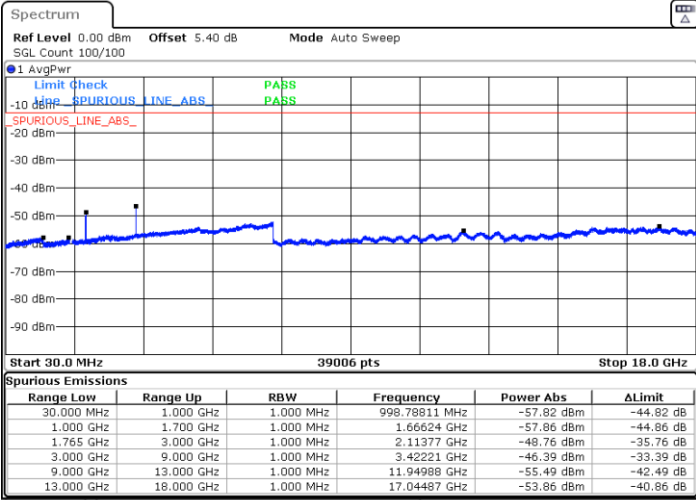
Date: 7. JAN 2022 00:31:46



LTE Band 4 / 15MHz

Lowest Channel / QPSK

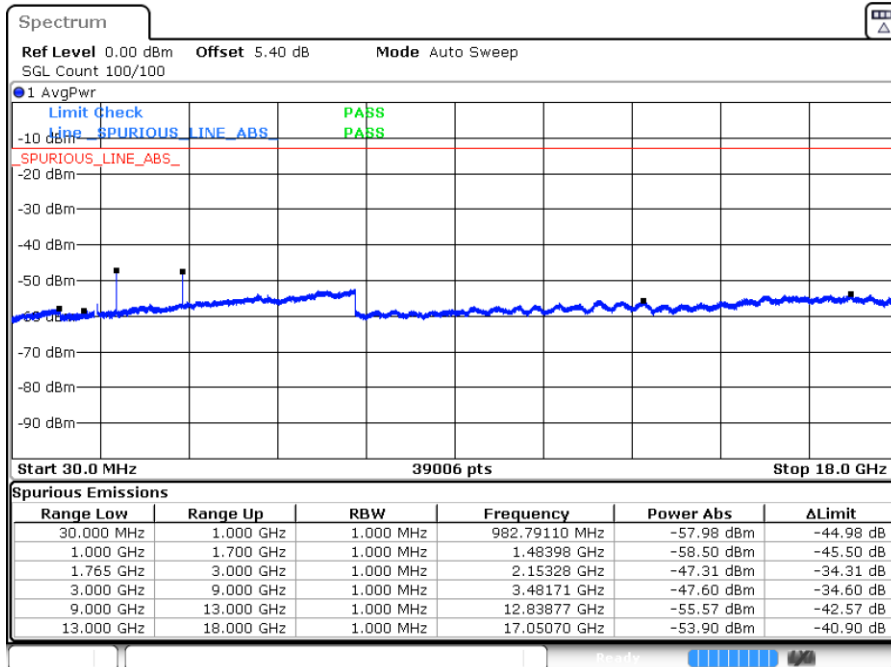
Middle Channel / QPSK



Date: 7 JAN 2022 00:42:11

Date: 7 JAN 2022 00:52:37

Highest Channel / QPSK



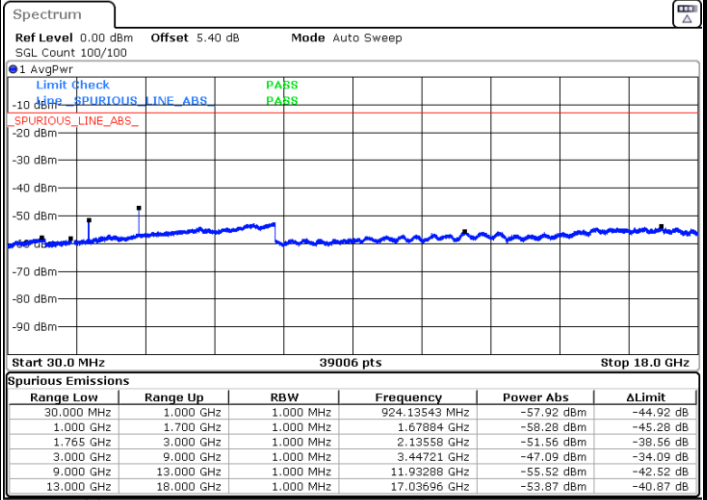
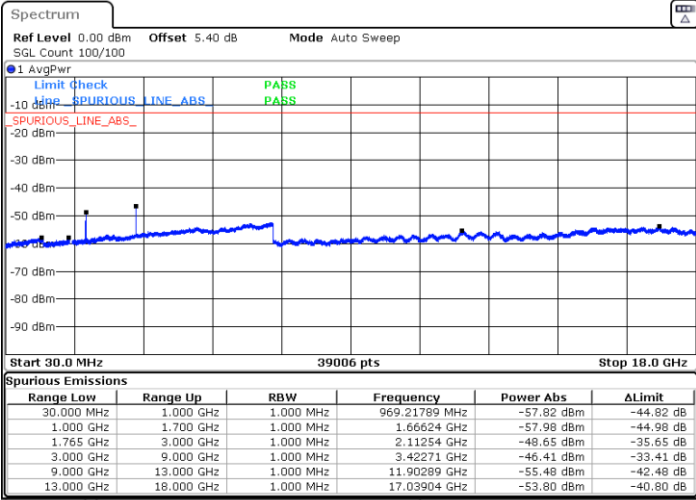
Date: 7 JAN 2022 00:54:58



LTE Band 4 / 20MHz

Lowest Channel / QPSK

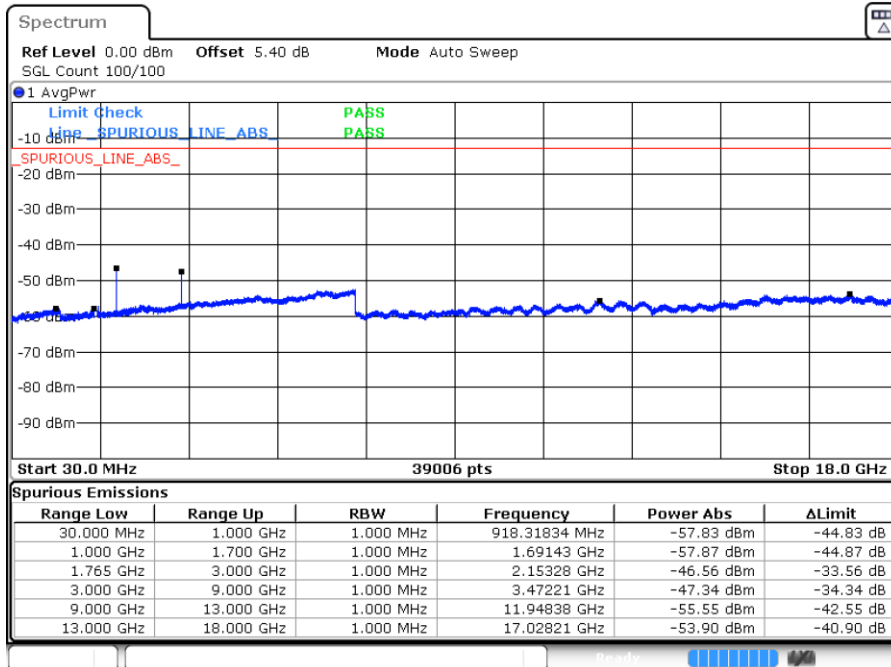
Middle Channel / QPSK



Date: 7. JAN 2022 01:05:24

Date: 7. JAN 2022 01:15:50

Highest Channel / QPSK



Date: 7. JAN 2022 01:18:11



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0031	

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

LTE Band 4

LTE Band 4 / 20MHz / QPSK								
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)
Lowest	3420	-56.00	-13	-43.00	-66.74	2.604	13.34	H
	5130	-53.22	-13	-40.22	-63.73	3.011	13.52	H
	6840	-53.06	-13	-40.06	-63.26	3.271	13.47	H
	3420	-56.45	-13	-43.45	-67.19	2.604	13.34	V
	5130	-53.08	-13	-40.08	-63.59	3.011	13.52	V
	6840	-53.07	-13	-40.07	-63.27	3.271	13.47	V
Middle	3450	-56.34	-13	-43.34	-67.08	2.604	13.34	H
	5175	-53.40	-13	-40.40	-63.91	3.011	13.52	H
	6894	-53.34	-13	-40.34	-63.54	3.271	13.47	H
	3450	-56.74	-13	-43.74	-67.48	2.604	13.34	V
	5175	-53.12	-13	-40.12	-63.63	3.011	13.52	V
	6900	-52.87	-13	-39.87	-63.07	3.271	13.47	V
Highest	3465	-56.10	-13	-43.10	-66.84	2.604	13.34	H
	5205	-52.91	-13	-39.91	-63.42	3.011	13.52	H
	6945	-52.95	-13	-39.95	-63.15	3.271	13.47	H
	3465	-57.39	-13	-44.39	-68.13	2.604	13.34	V
	5205	-53.53	-13	-40.53	-64.04	3.011	13.52	V
	6945	-53.40	-13	-40.40	-63.60	3.271	13.47	V

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

————THE END————