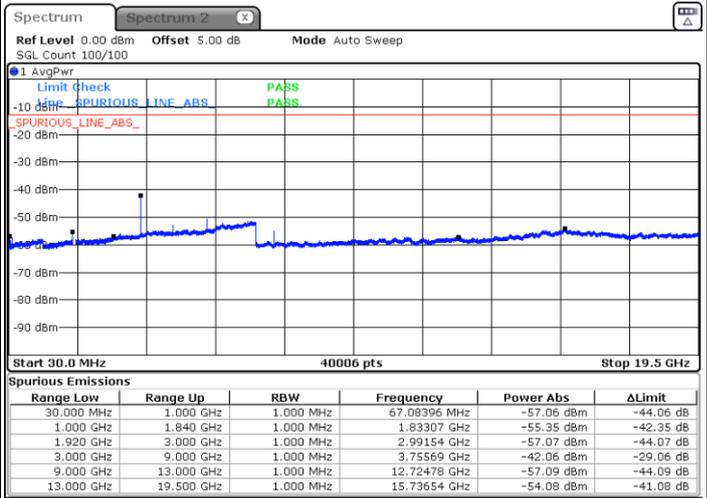
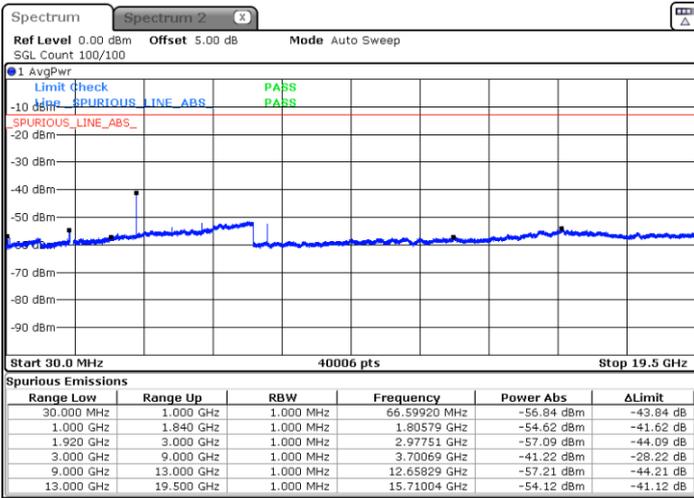




LTE Band 2 / 5MHz

Lowest Channel / QPSK

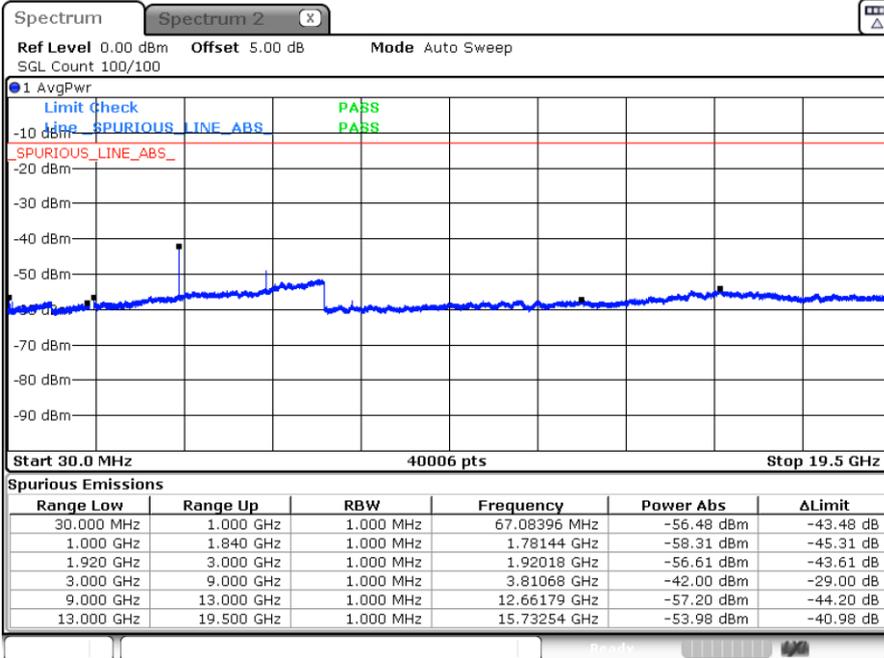
Middle Channel / QPSK



Date: 30.JUN.2022 00:26:49

Date: 30.JUN.2022 00:28:12

Highest Channel / QPSK



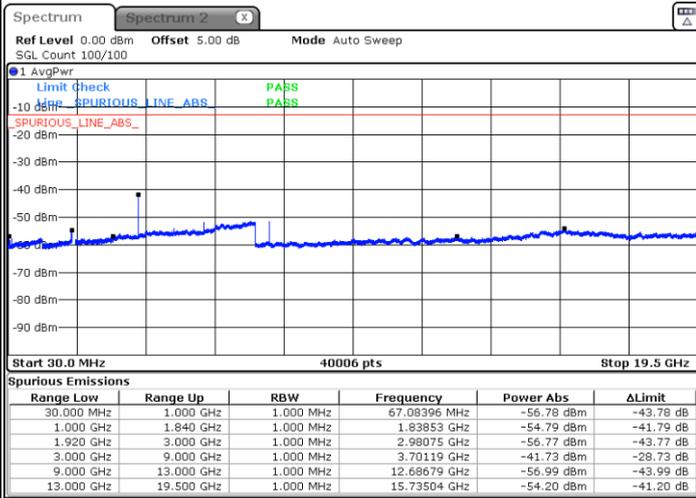
Date: 30.JUN.2022 00:29:34



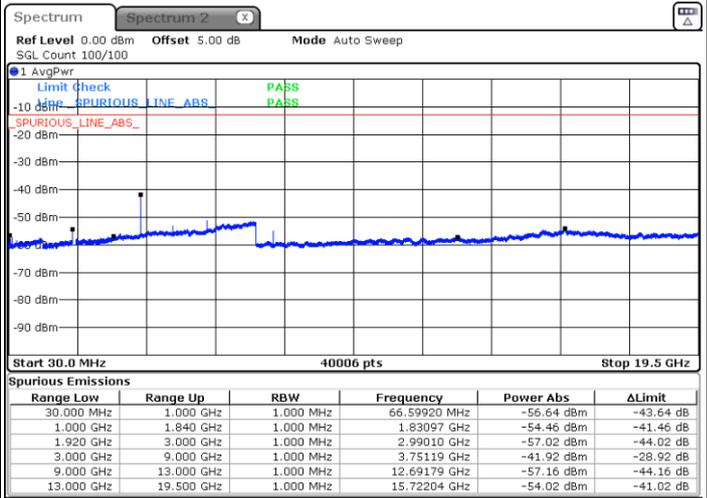
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

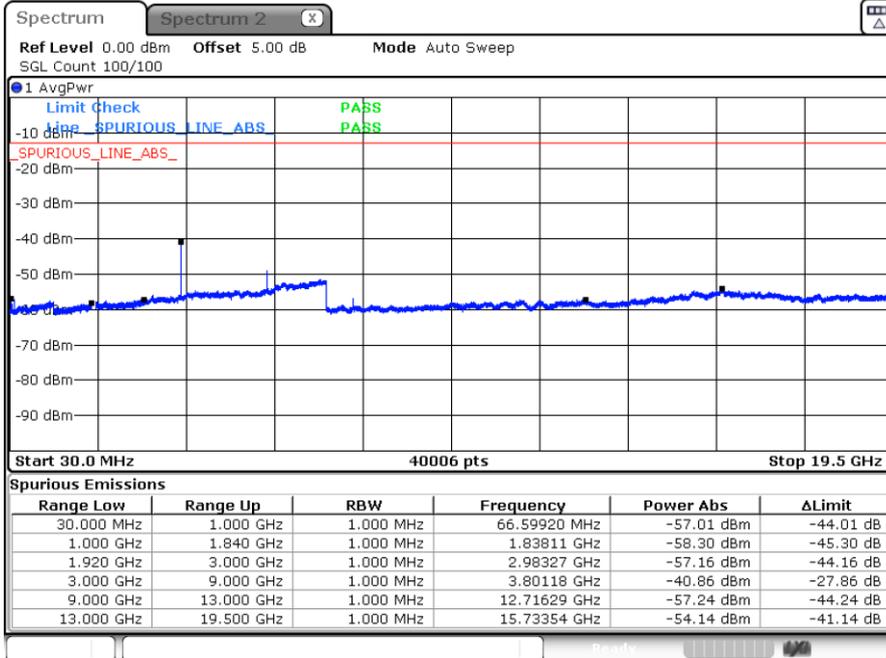


Date: 30.JUN.2022 00:47:06



Date: 30.JUN.2022 00:48:28

Highest Channel / QPSK



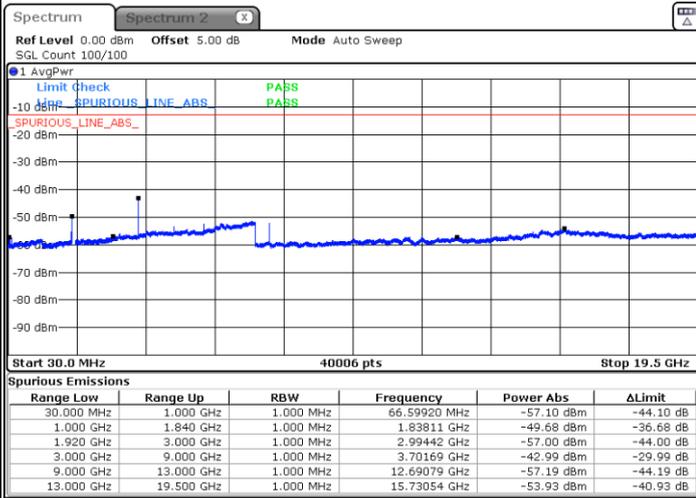
Date: 30.JUN.2022 00:49:49



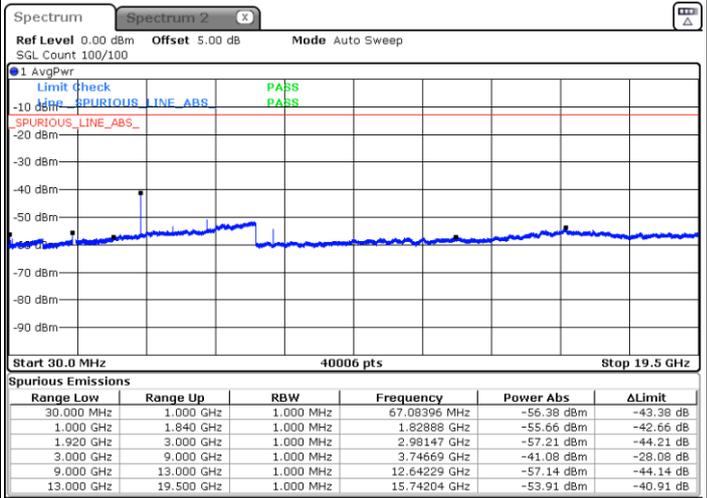
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

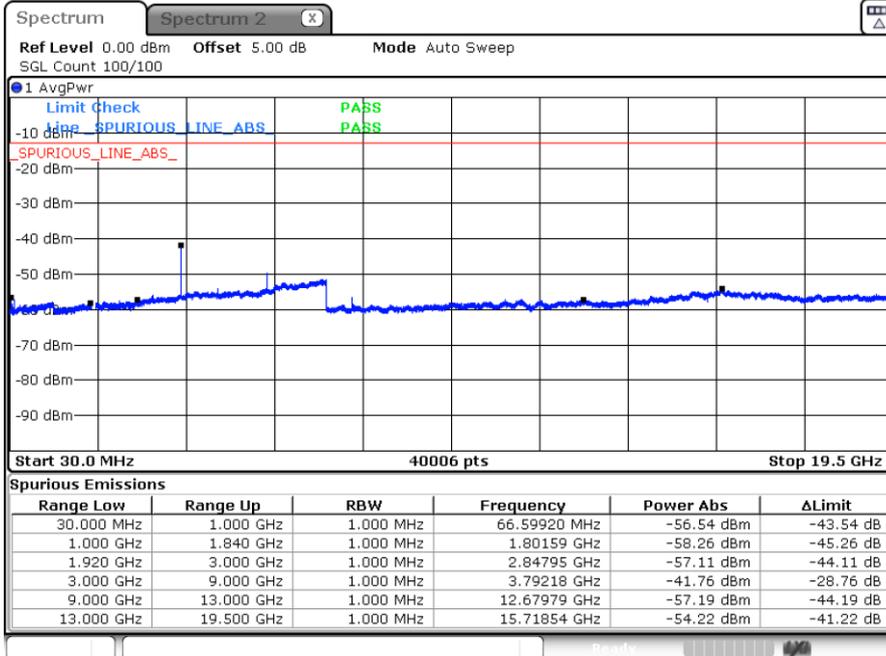


Date: 30.JUN.2022 01:07:20



Date: 30.JUN.2022 01:08:43

Highest Channel / QPSK



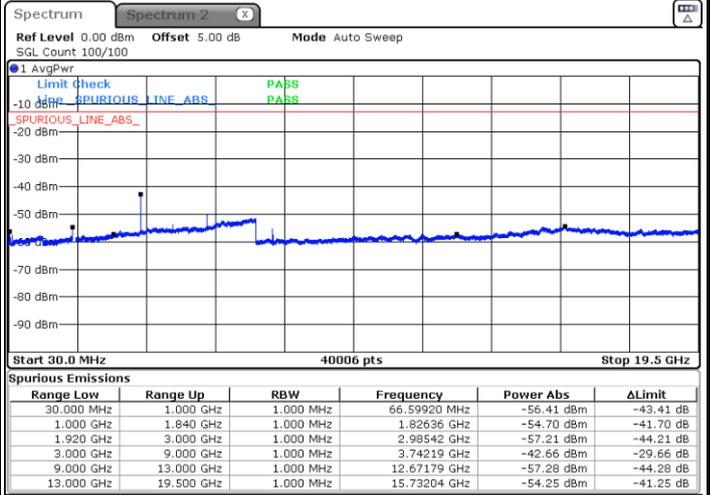
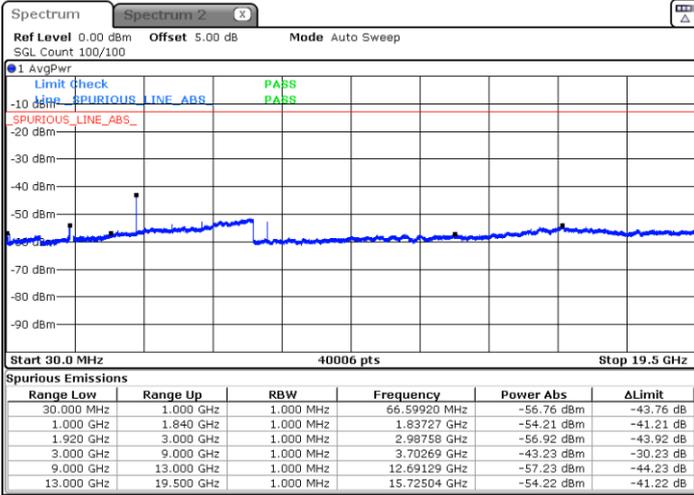
Date: 30.JUN.2022 01:10:05



LTE Band 2 / 20MHz

Lowest Channel / QPSK

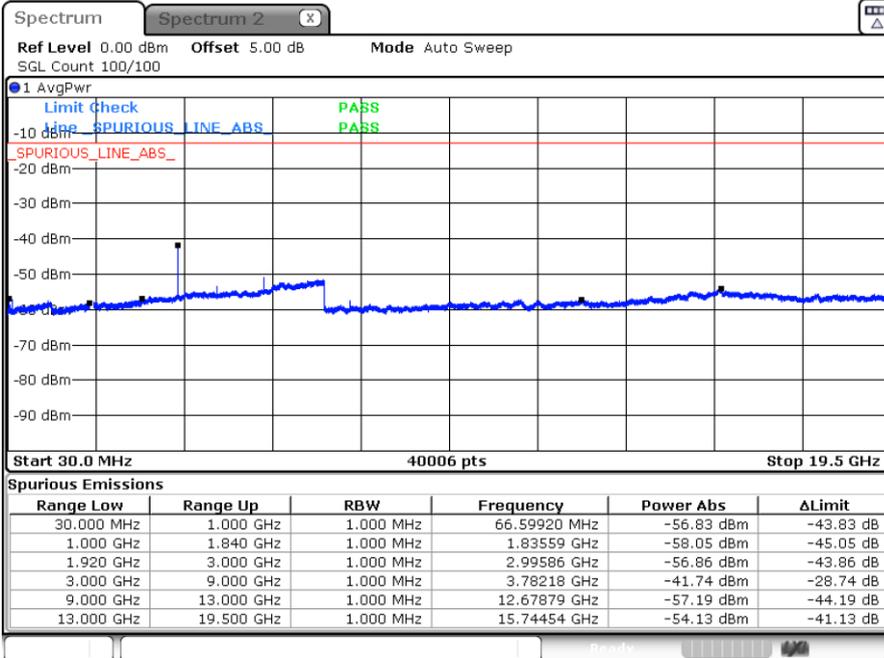
Middle Channel / QPSK



Date: 30.JUN.2022 01:27:32

Date: 30.JUN.2022 01:28:53

Highest Channel / QPSK



Date: 30.JUN.2022 01:30:16



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0019	

Note:

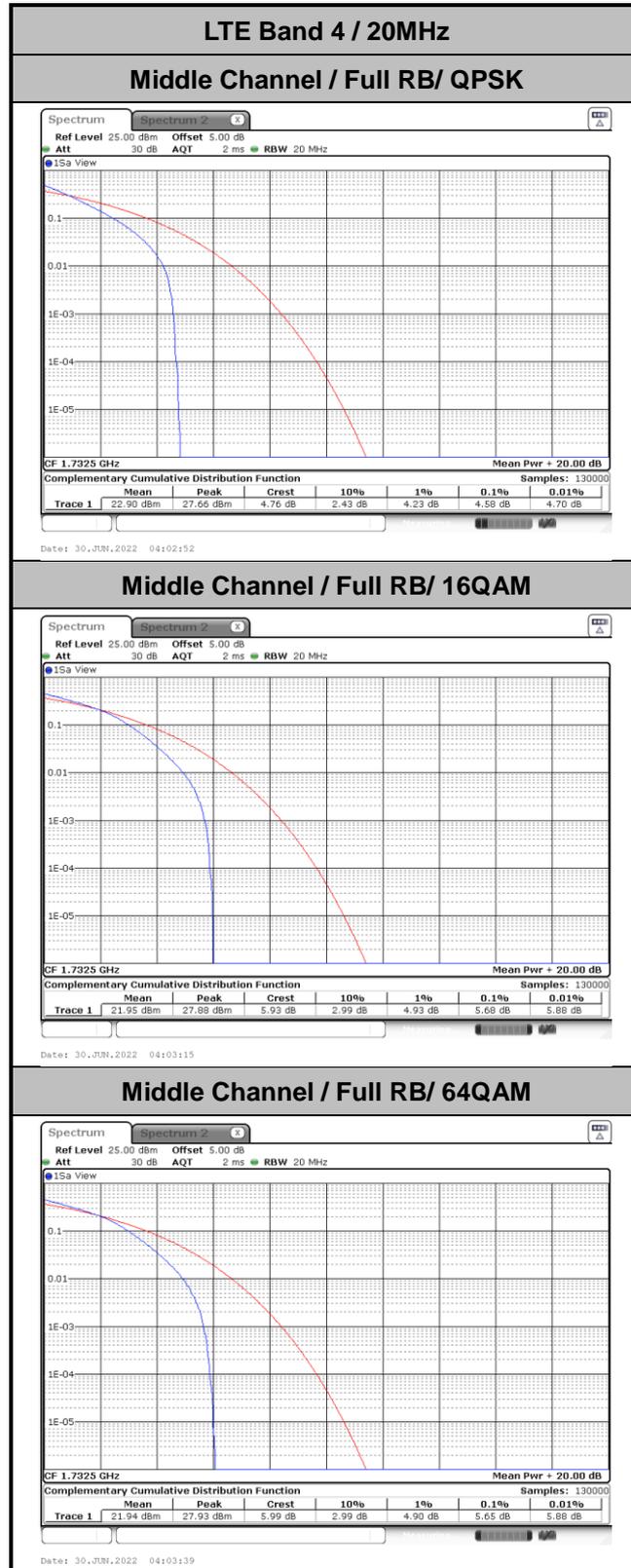
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

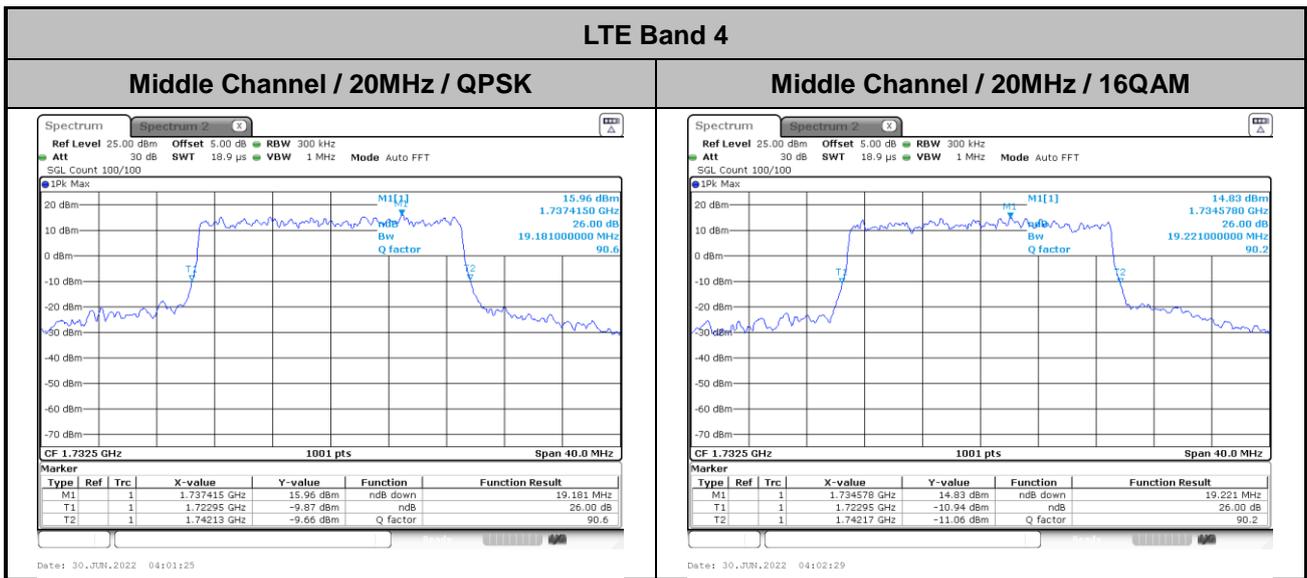
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.68	5.65	PASS





26dB Bandwidth

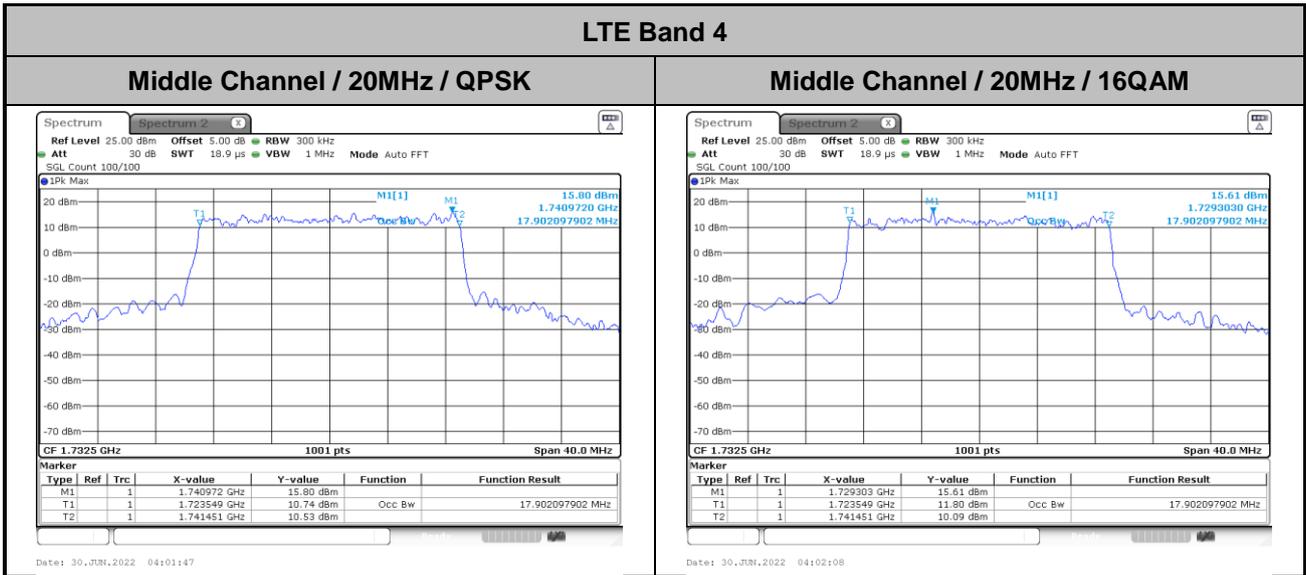
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.18	19.22





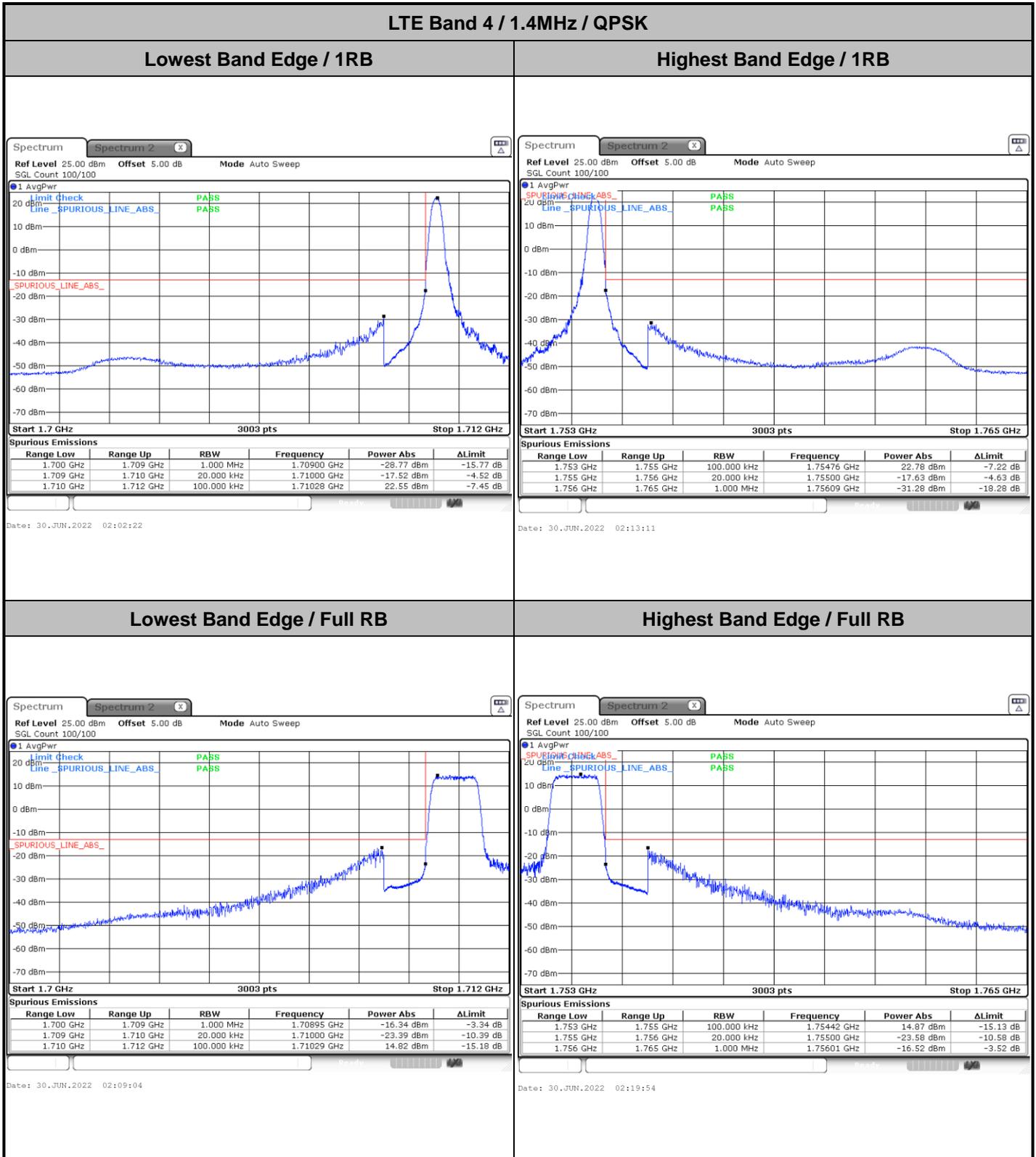
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.90





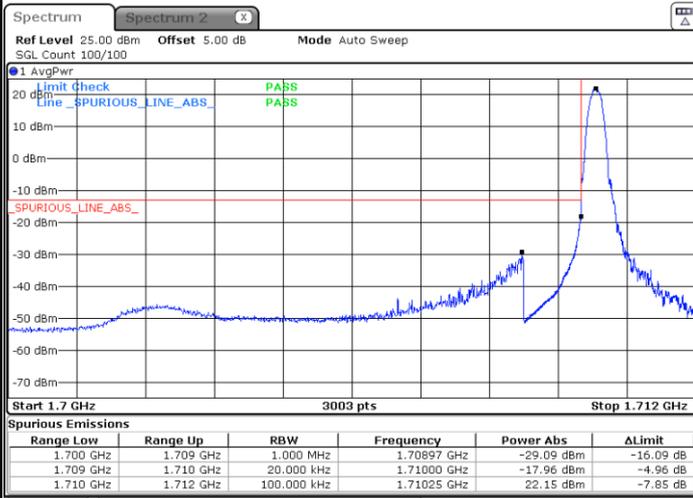
Conducted Band Edge





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



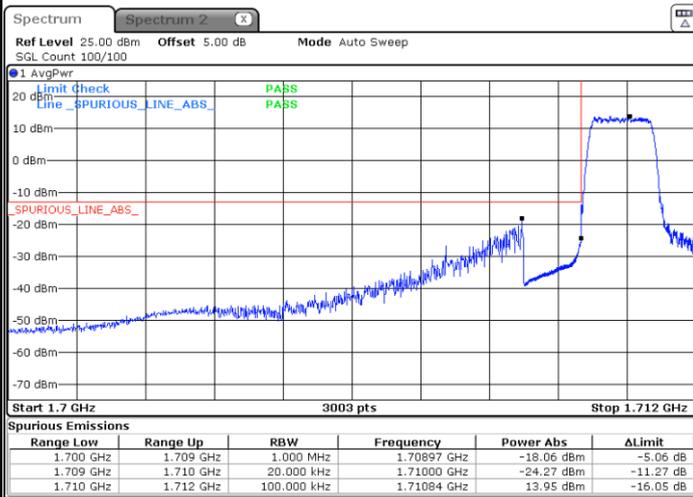
Date: 30 JUN.2022 02:03:42

Highest Band Edge / 1 RB



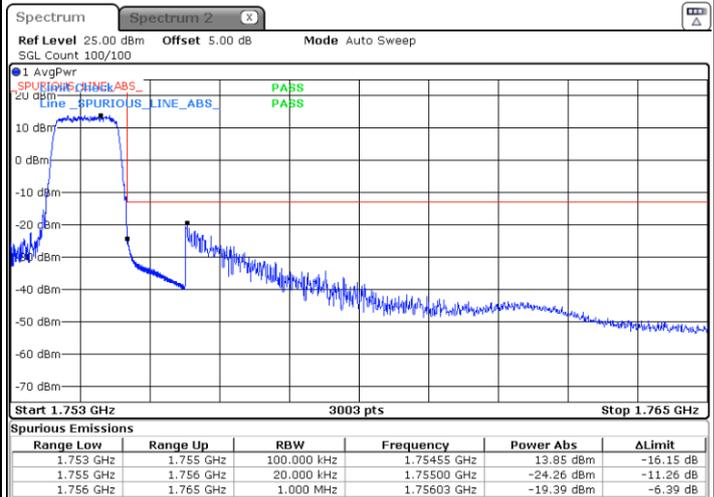
Date: 30 JUN.2022 02:14:31

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:07:44

Highest Band Edge / Full RB

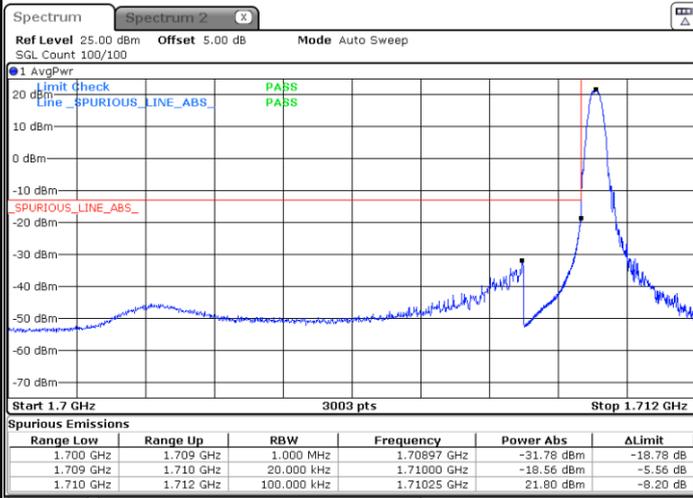


Date: 30 JUN.2022 02:18:34



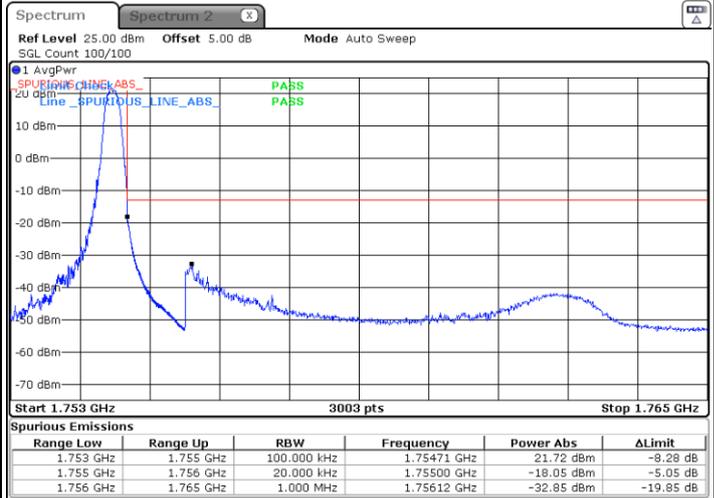
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



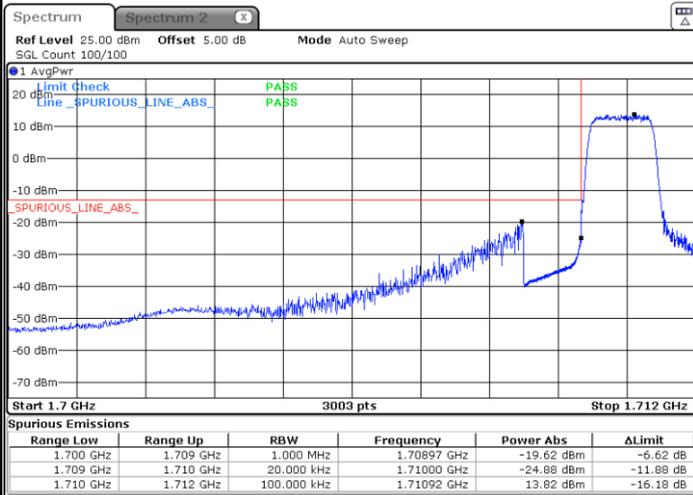
Date: 30 JUN.2022 02:05:03

Highest Band Edge / 1 RB



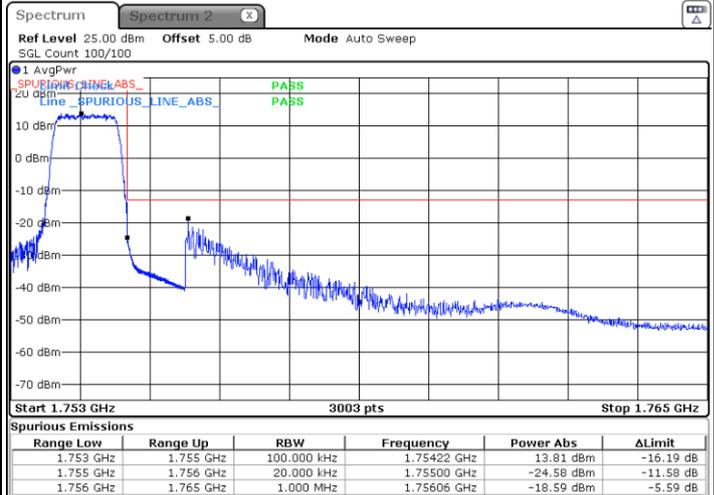
Date: 30 JUN.2022 02:15:51

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:06:23

Highest Band Edge / Full RB

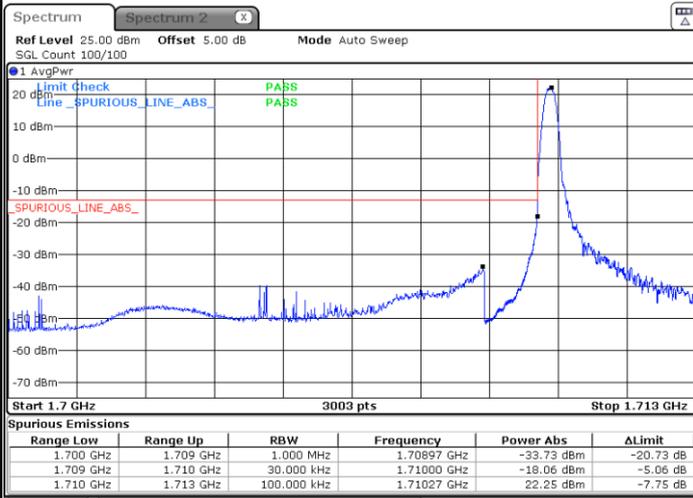


Date: 30 JUN.2022 02:17:13



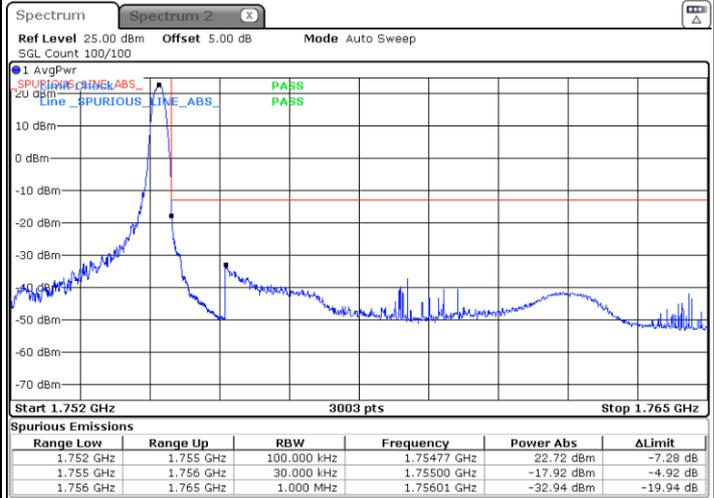
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 30 JUN.2022 02:22:37

Highest Band Edge / 1 RB



Date: 30 JUN.2022 02:33:22

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:29:19

Highest Band Edge / Full RB

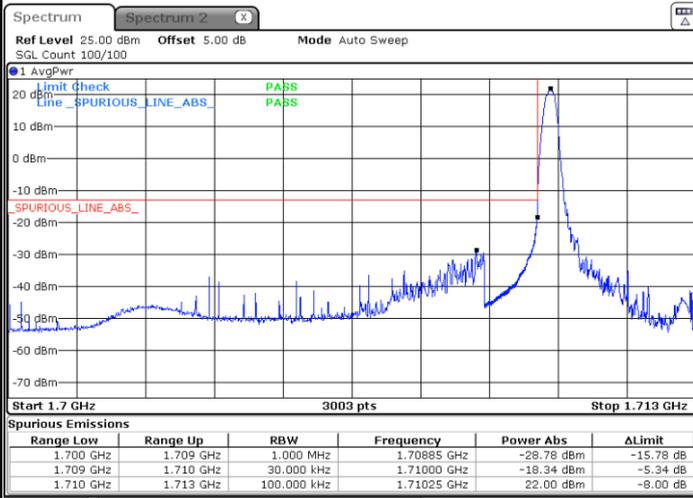


Date: 30 JUN.2022 02:40:07

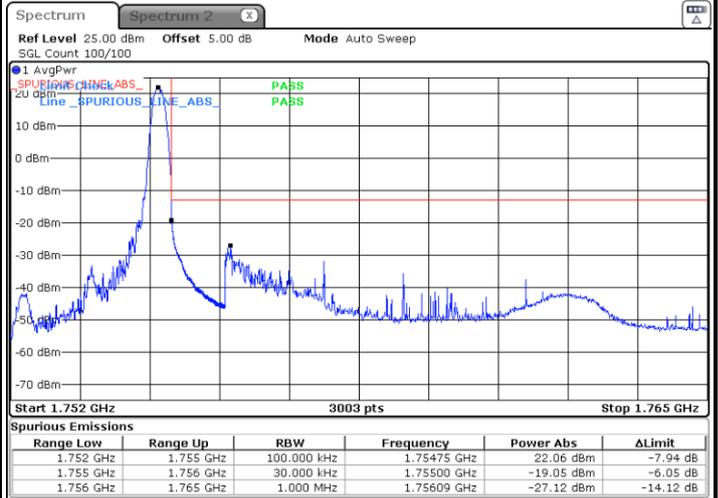


LTE Band 4 / 3MHz / 16QAM

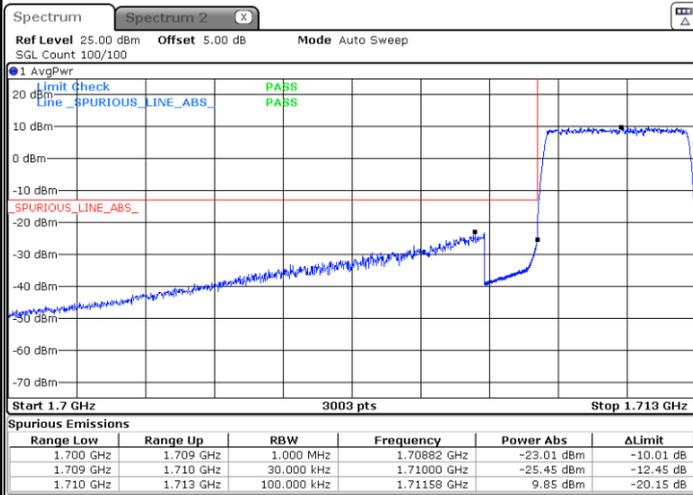
Lowest Band Edge / 1 RB



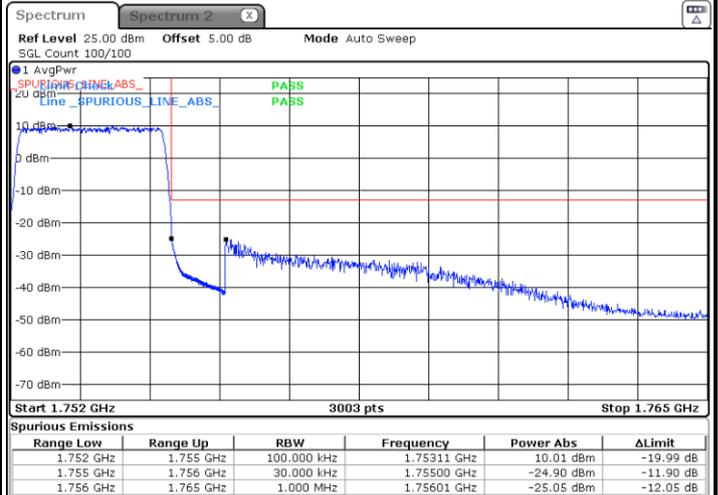
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



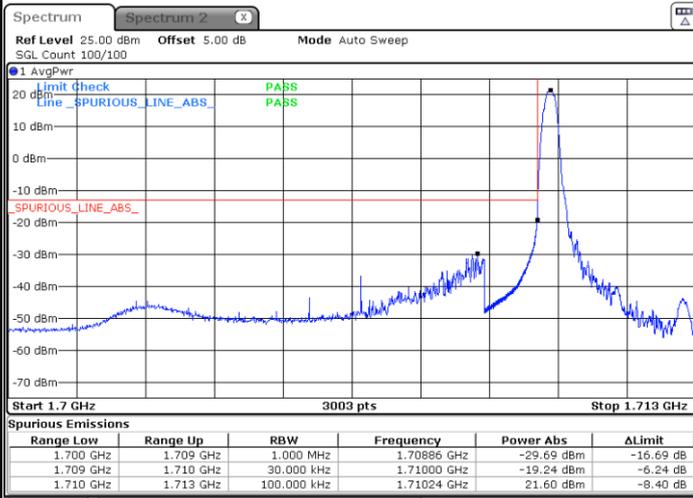
Highest Band Edge / Full RB





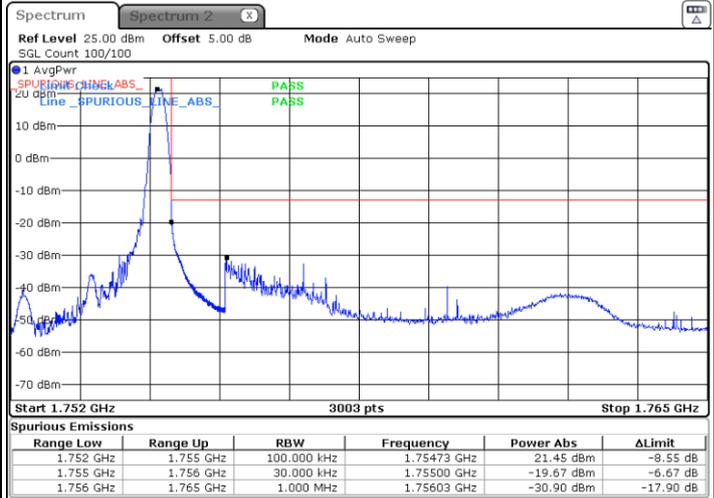
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



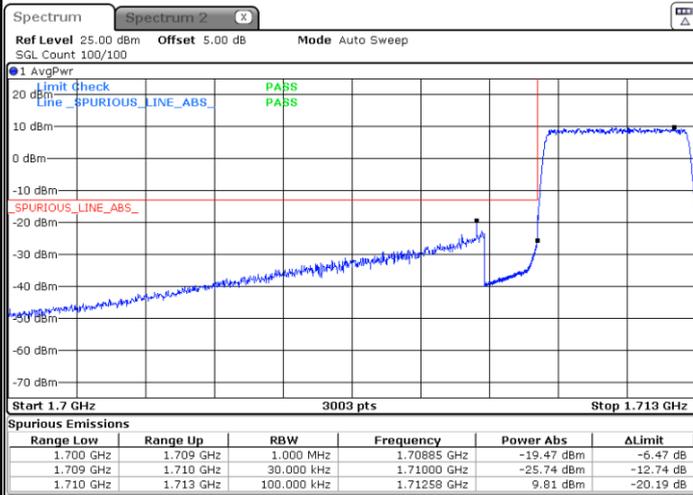
Date: 30 JUN.2022 02:25:19

Highest Band Edge / 1 RB



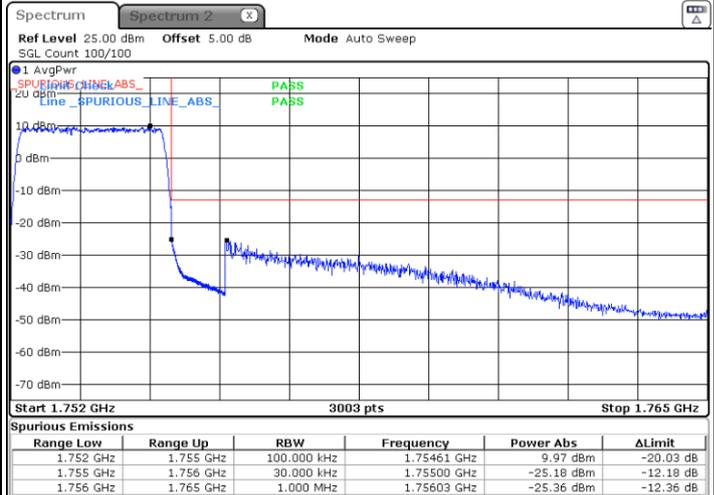
Date: 30 JUN.2022 02:36:05

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:26:39

Highest Band Edge / Full RB

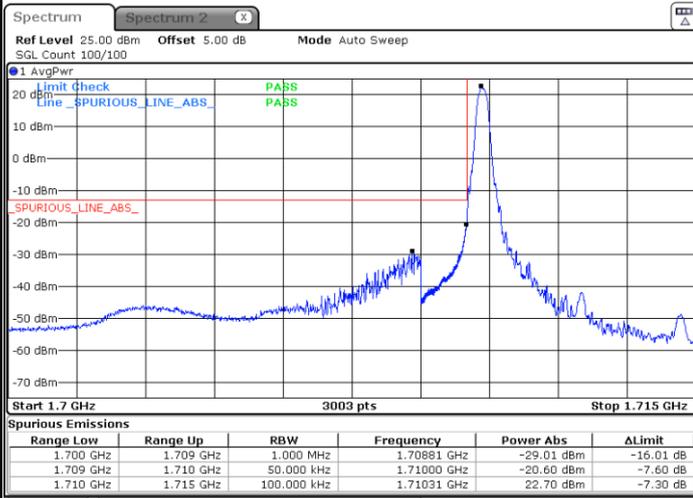


Date: 30 JUN.2022 02:37:26



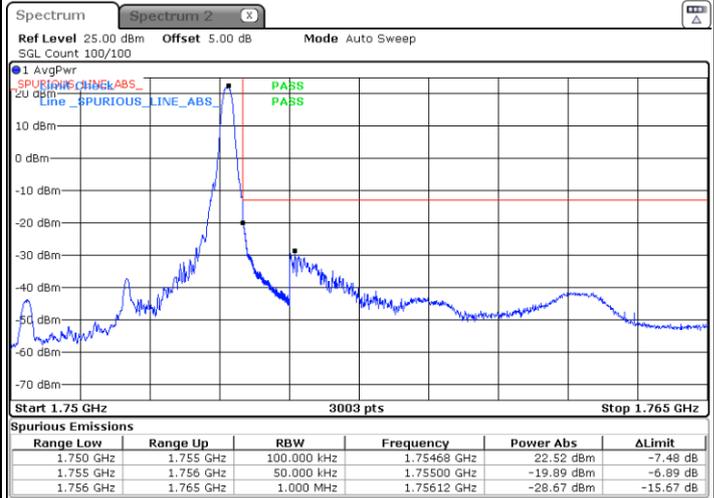
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



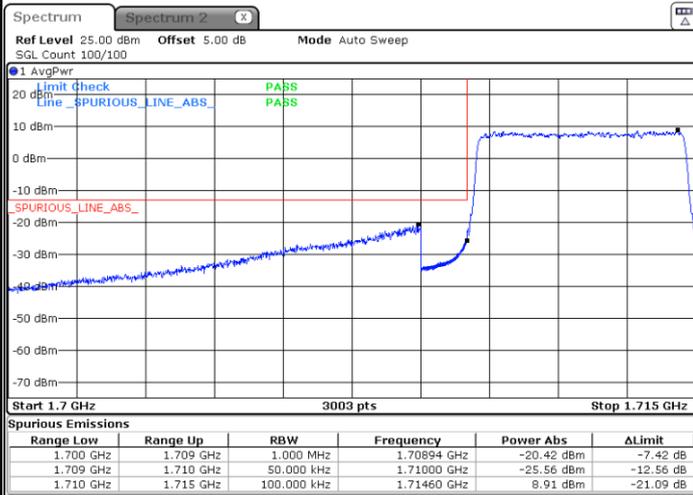
Date: 30 JUN.2022 02:42:51

Highest Band Edge / 1 RB



Date: 30 JUN.2022 02:53:38

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:49:33

Highest Band Edge / Full RB

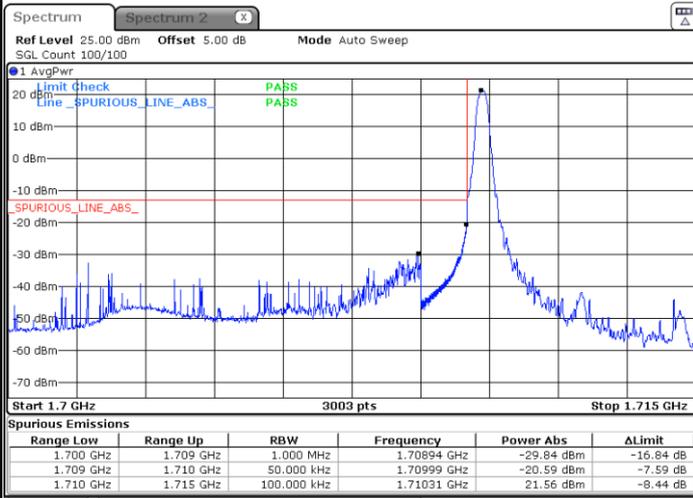


Date: 30 JUN.2022 03:00:20



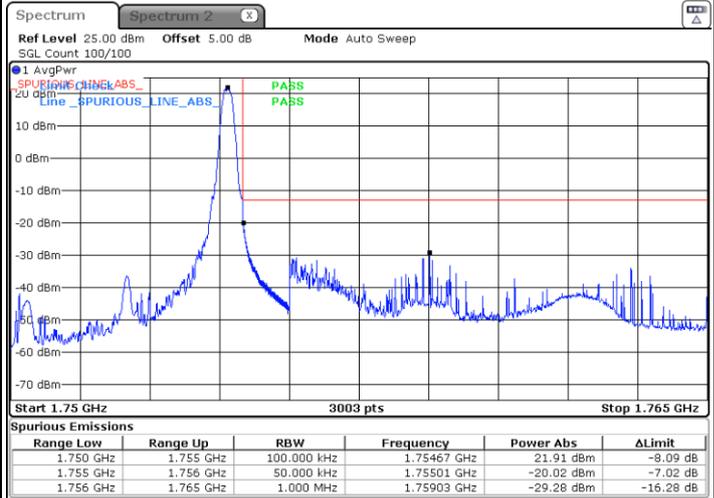
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



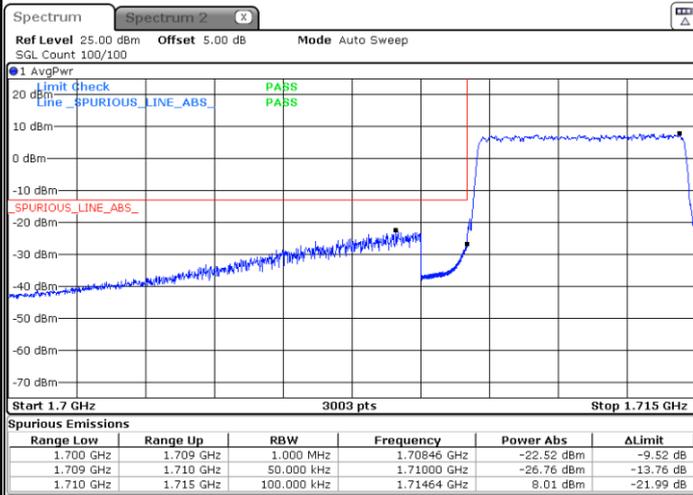
Date: 30 JUN.2022 02:44:12

Highest Band Edge / 1 RB



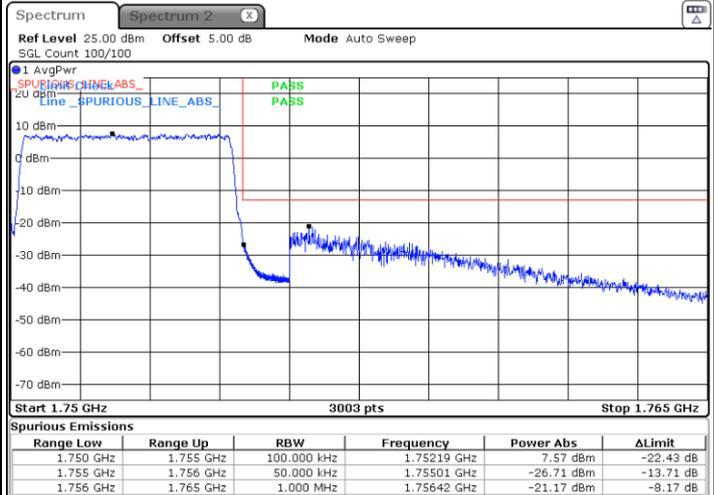
Date: 30 JUN.2022 02:54:58

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:48:13

Highest Band Edge / Full RB

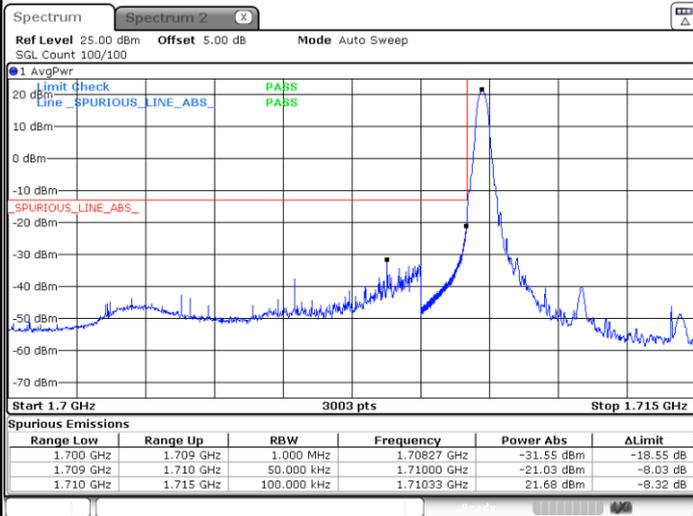


Date: 30 JUN.2022 02:59:00



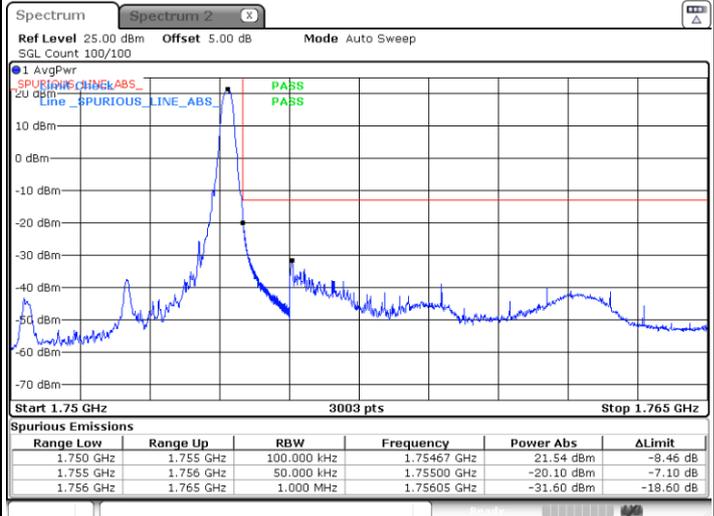
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



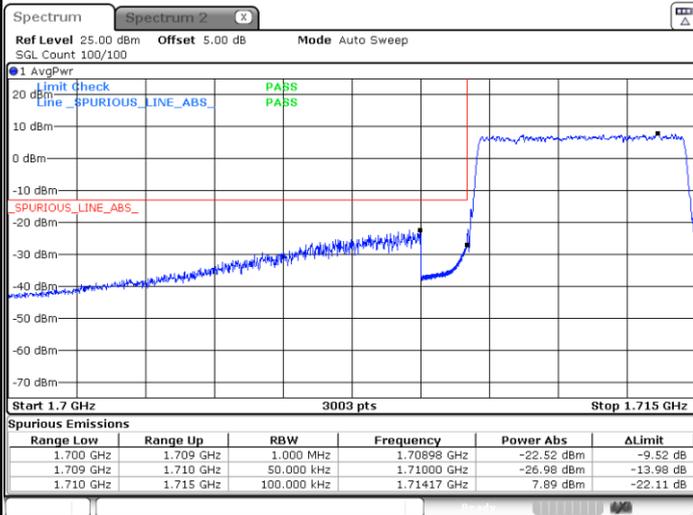
Date: 30 JUN.2022 02:45:32

Highest Band Edge / 1 RB



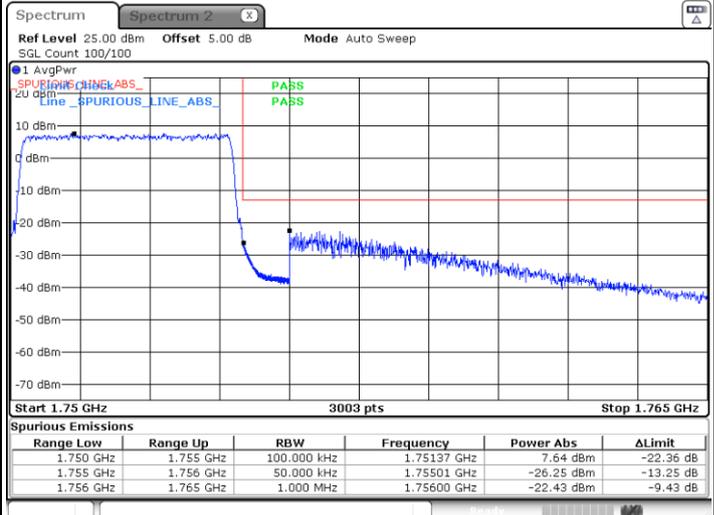
Date: 30 JUN.2022 02:56:18

Lowest Band Edge / Full RB



Date: 30 JUN.2022 02:46:52

Highest Band Edge / Full RB

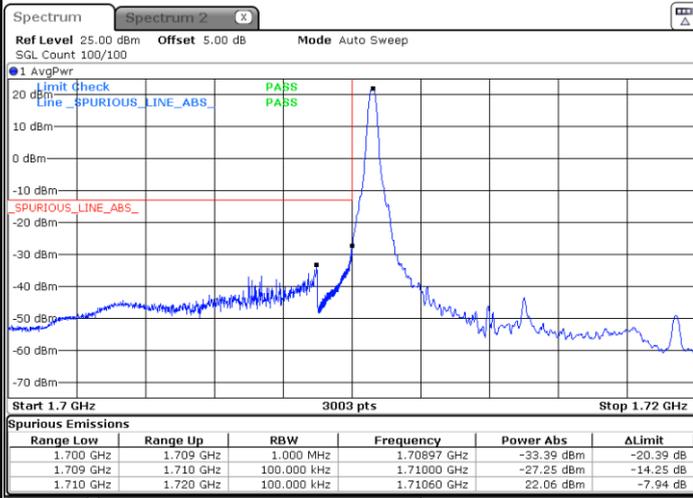


Date: 30 JUN.2022 02:57:39



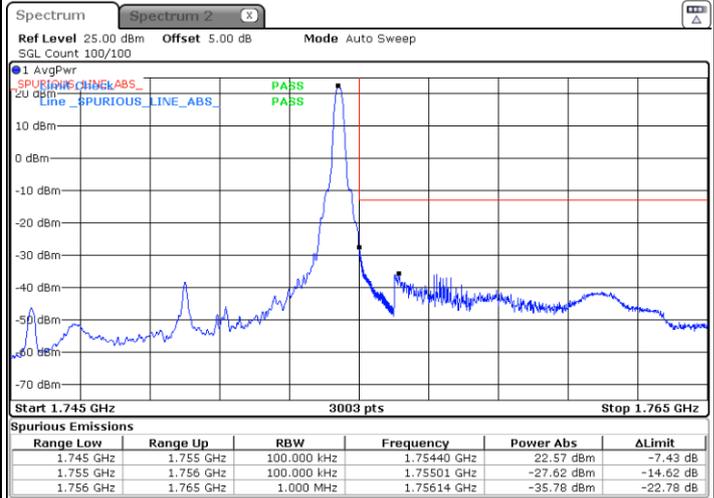
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



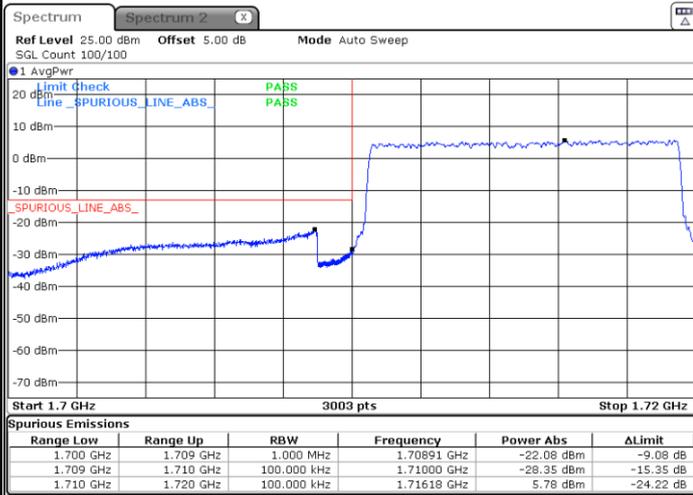
Date: 30 JUN.2022 03:03:04

Highest Band Edge / 1 RB



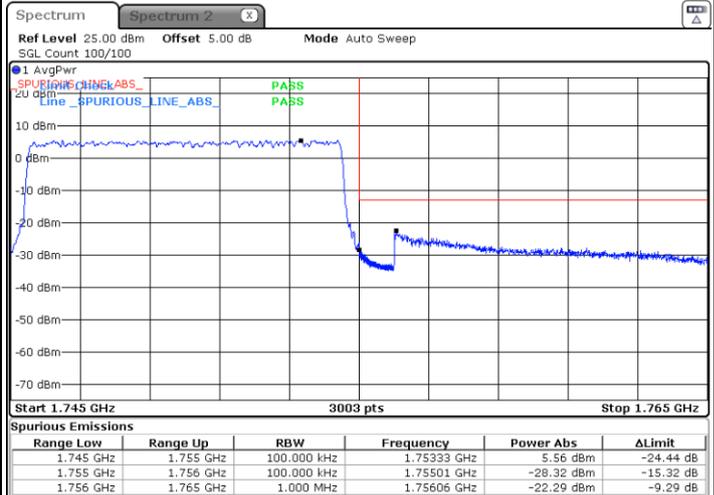
Date: 30 JUN.2022 03:13:55

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:09:50

Highest Band Edge / Full RB

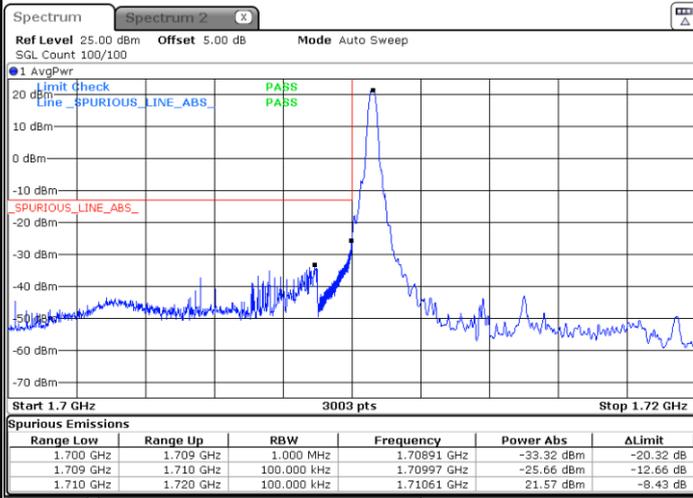


Date: 30 JUN.2022 03:20:38



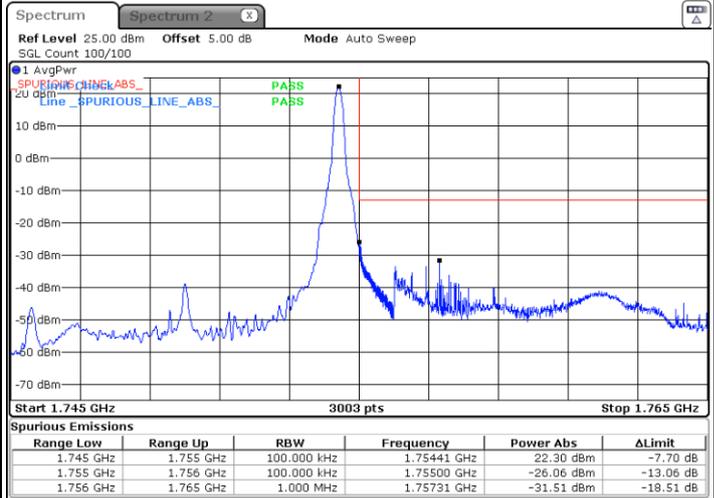
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



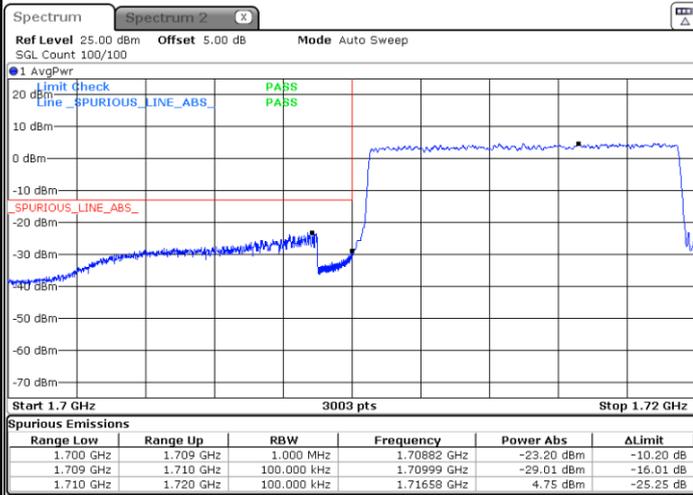
Date: 30 JUN.2022 03:04:26

Highest Band Edge / 1 RB



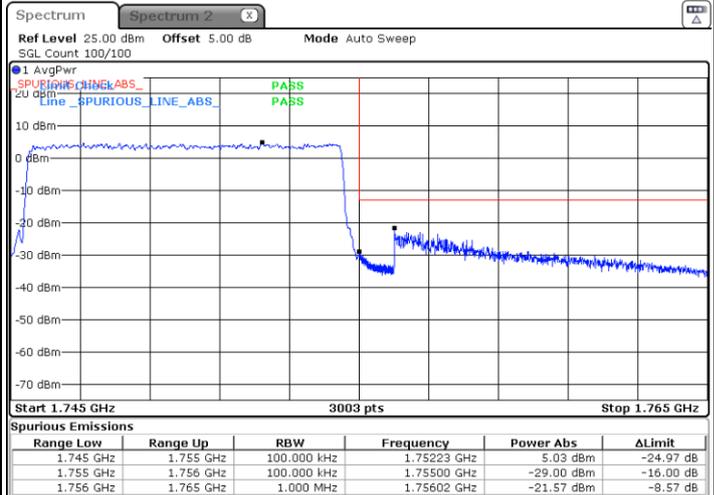
Date: 30 JUN.2022 03:15:15

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:08:30

Highest Band Edge / Full RB

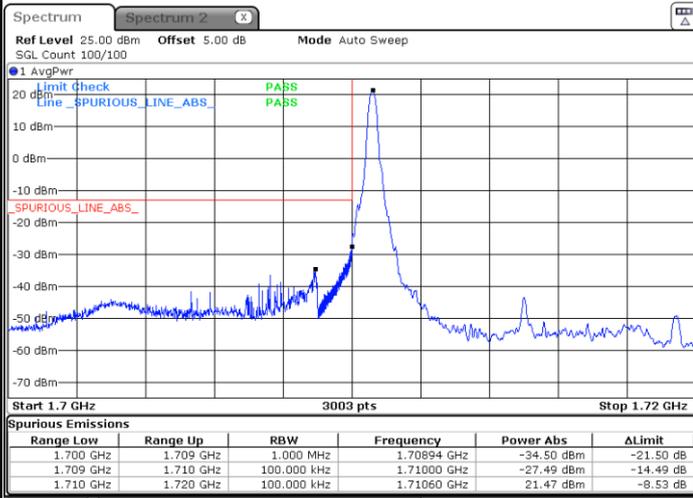


Date: 30 JUN.2022 03:19:18



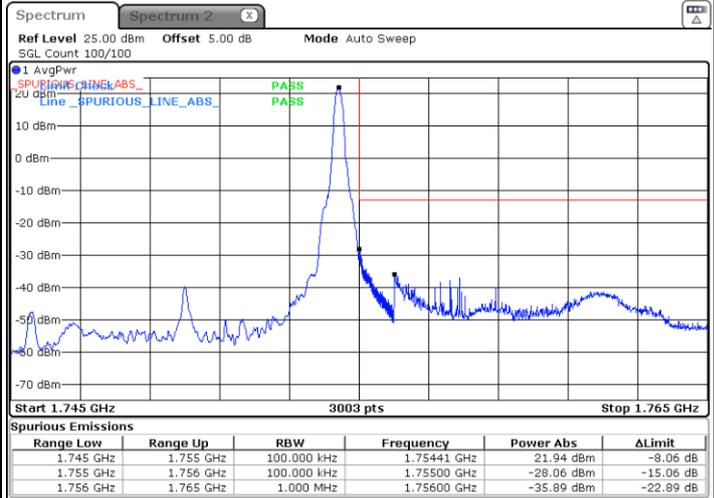
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



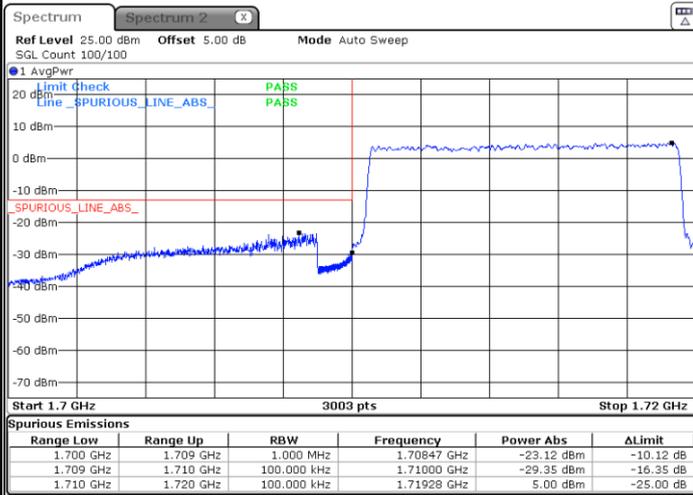
Date: 30 JUN.2022 03:05:47

Highest Band Edge / 1 RB



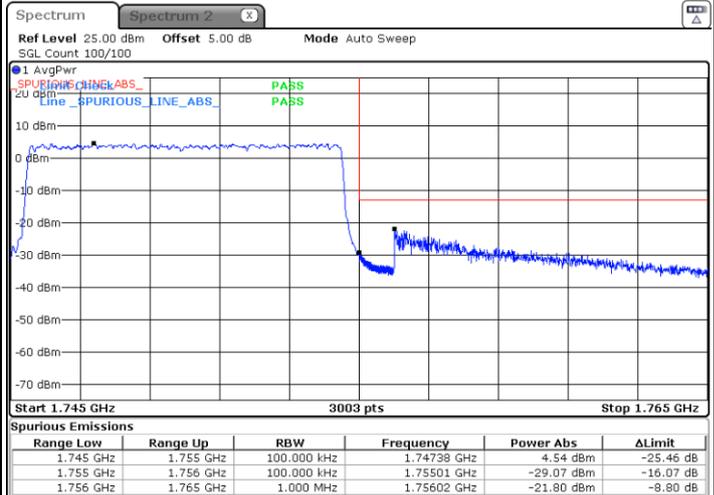
Date: 30 JUN.2022 03:16:36

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:07:08

Highest Band Edge / Full RB

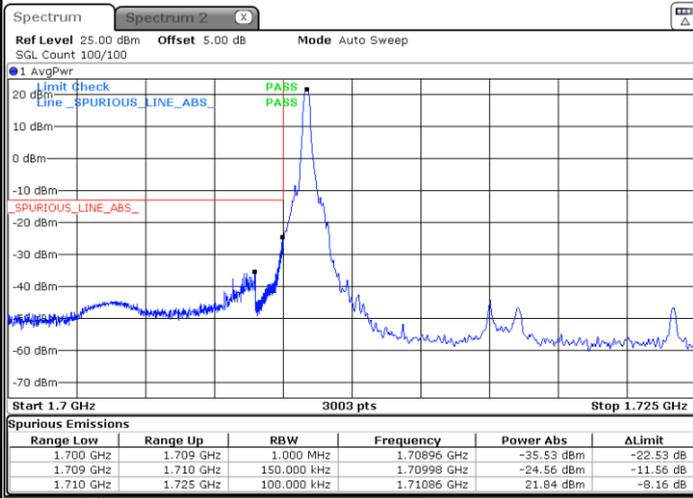


Date: 30 JUN.2022 03:17:56



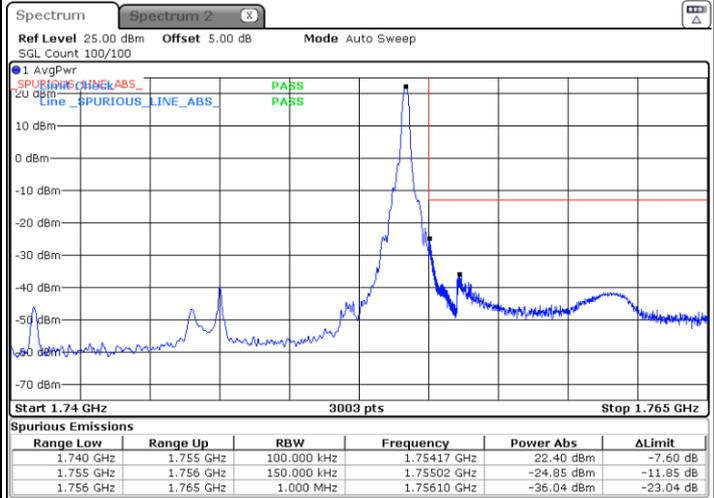
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



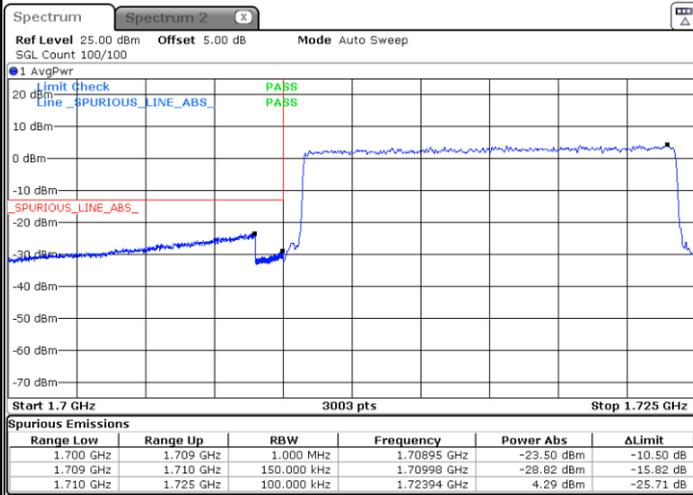
Date: 30 JUN.2022 03:23:20

Highest Band Edge / 1 RB



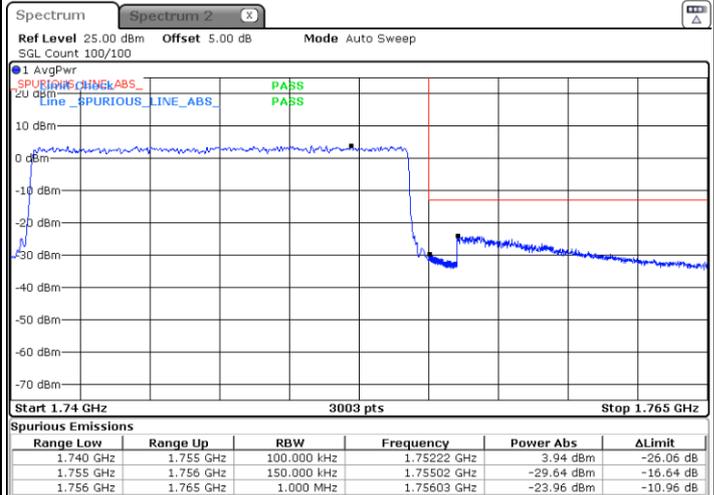
Date: 30 JUN.2022 03:34:06

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:30:03

Highest Band Edge / Full RB

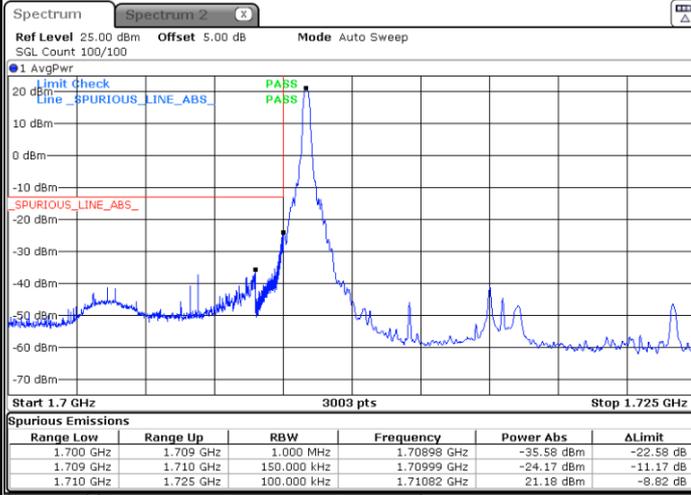


Date: 30 JUN.2022 03:40:49



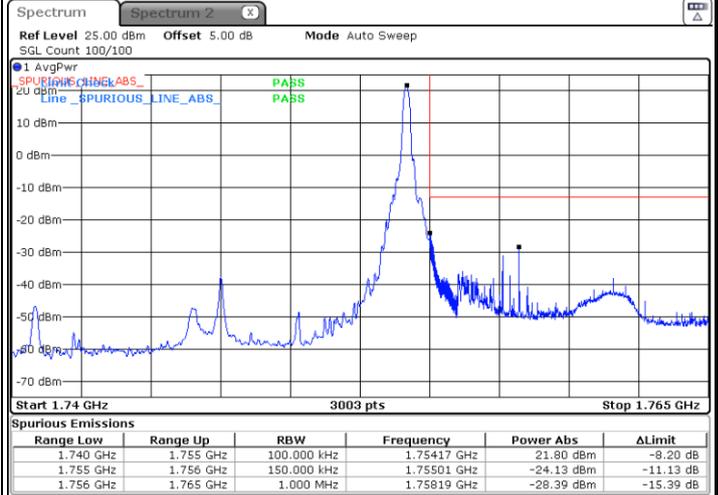
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



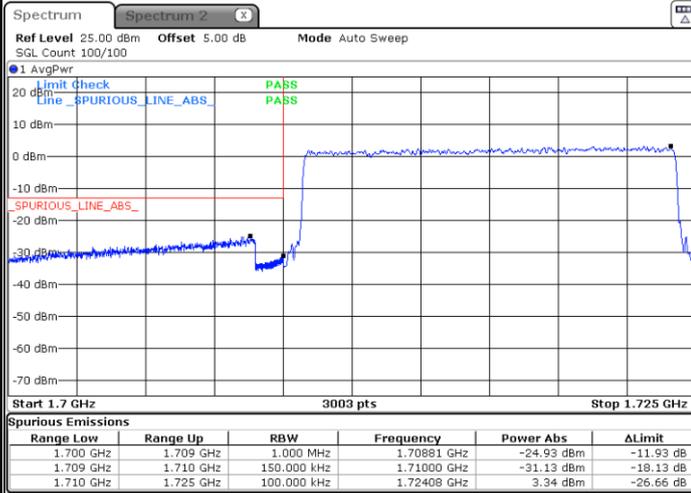
Date: 30 JUN.2022 03:24:41

Highest Band Edge / 1 RB



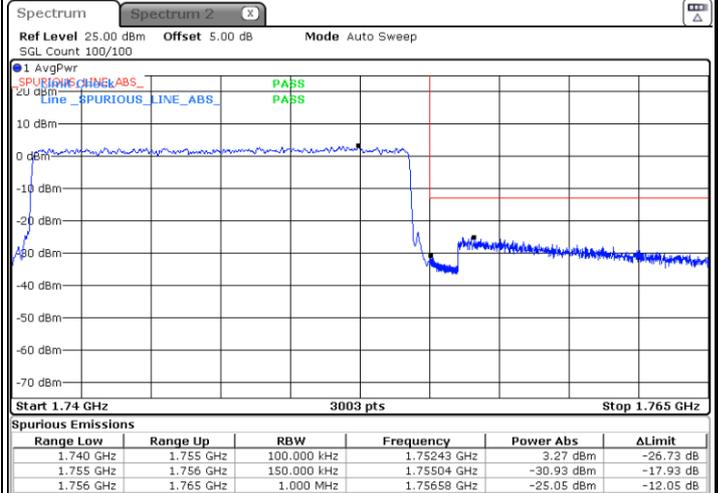
Date: 30 JUN.2022 03:35:27

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:28:42

Highest Band Edge / Full RB

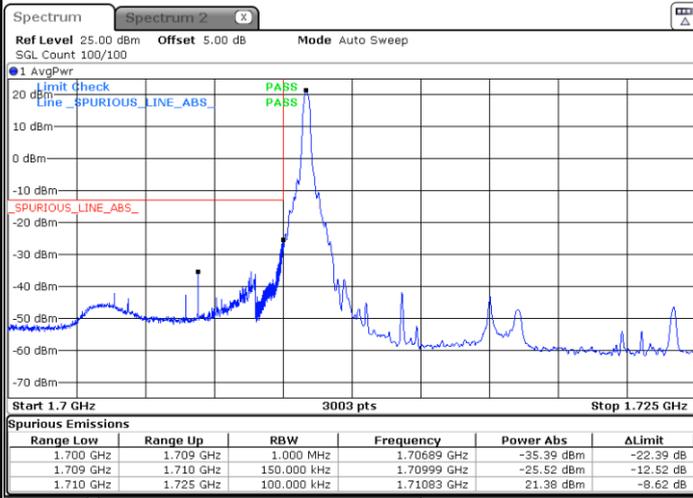


Date: 30 JUN.2022 03:39:29



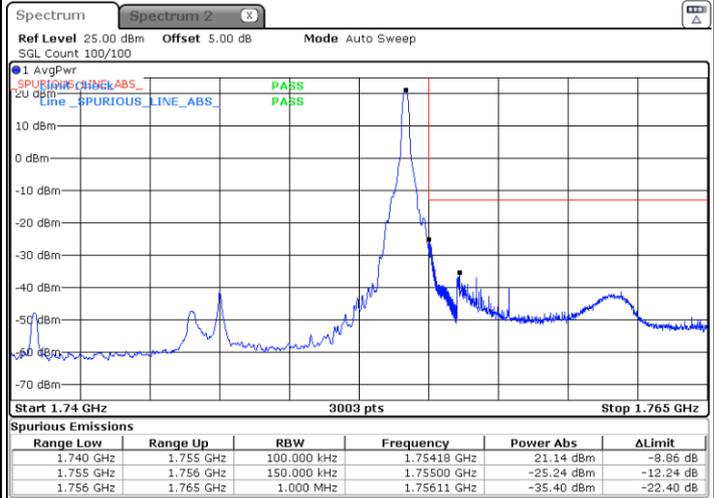
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



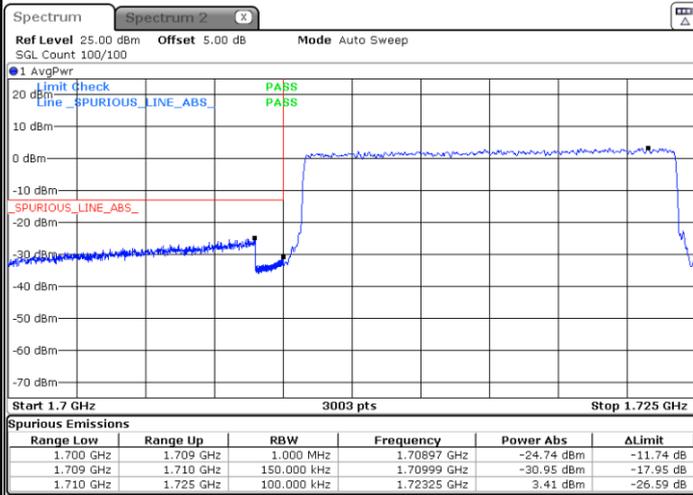
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Highest Band Edge / 1 RB



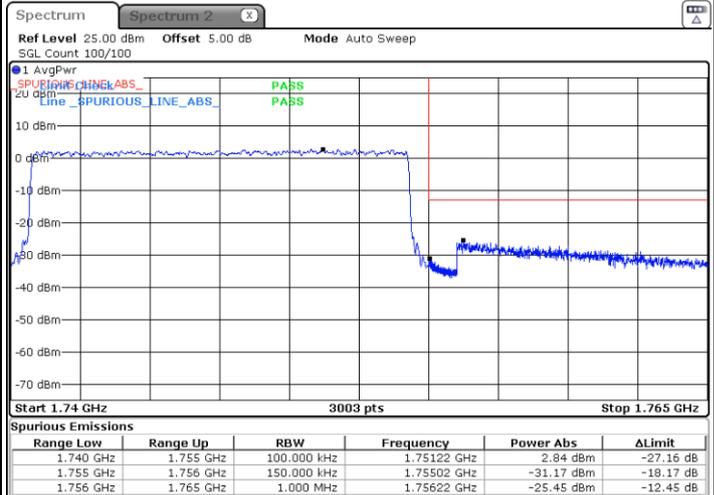
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Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:27:22

Highest Band Edge / Full RB

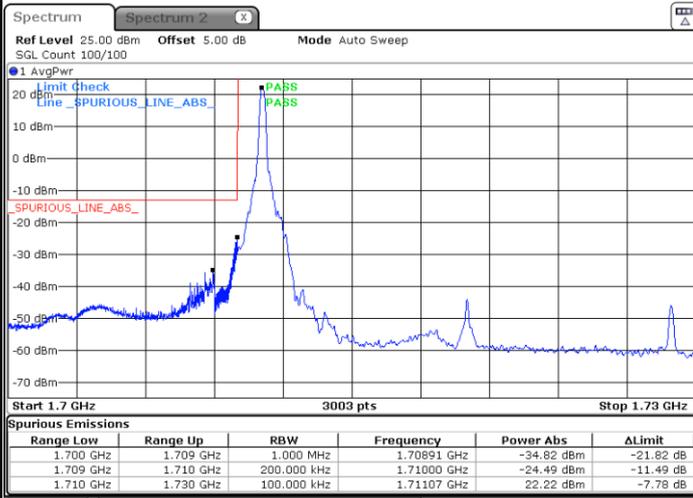


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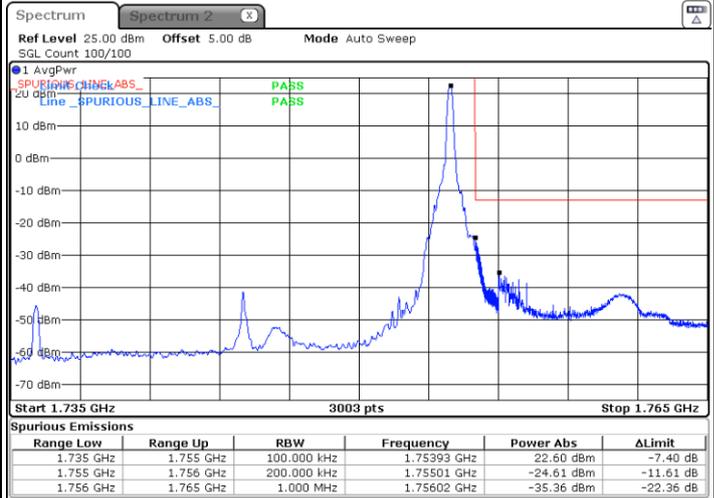
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



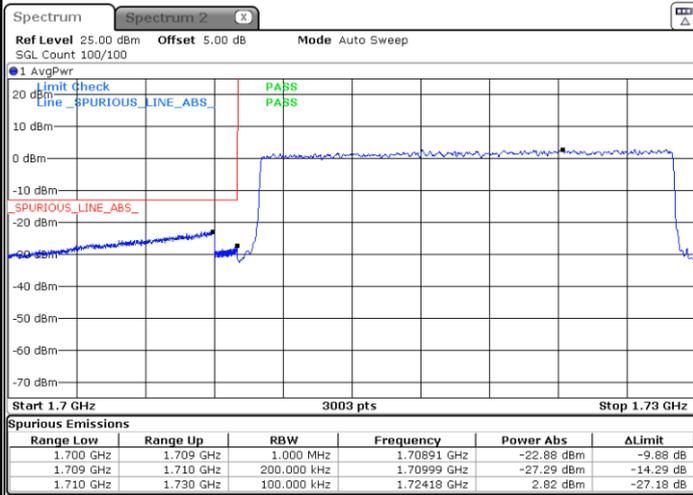
Date: 30 JUN.2022 03:43:32

Highest Band Edge / 1 RB



Date: 30 JUN.2022 03:54:18

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:50:13

Highest Band Edge / Full RB

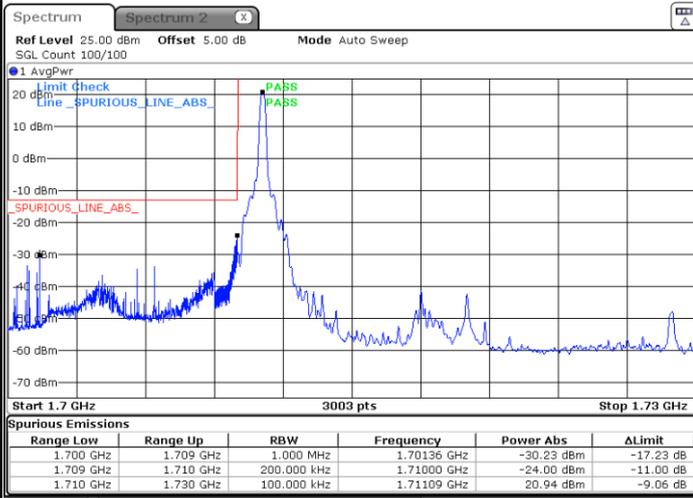


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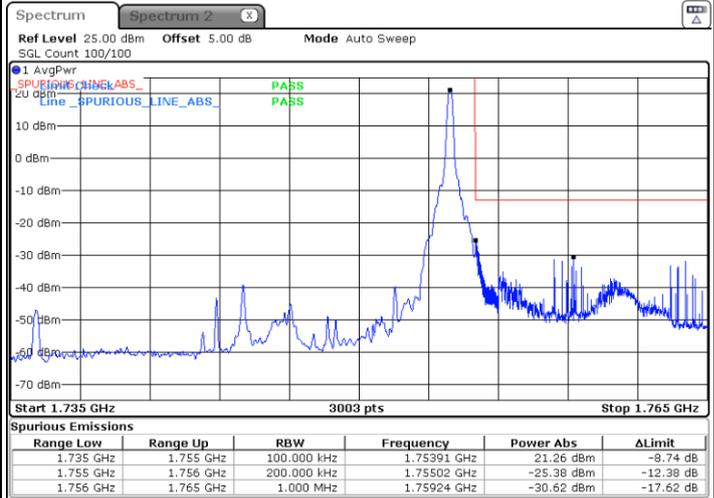
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



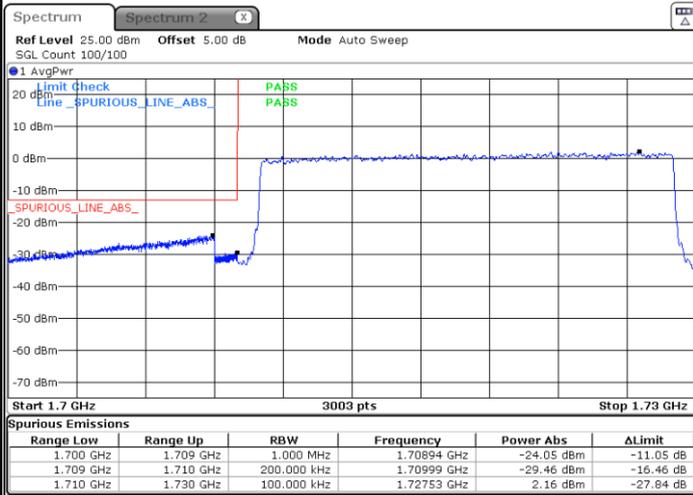
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Highest Band Edge / 1 RB



Date: 30 JUN.2022 03:55:40

Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:48:53

Highest Band Edge / Full RB

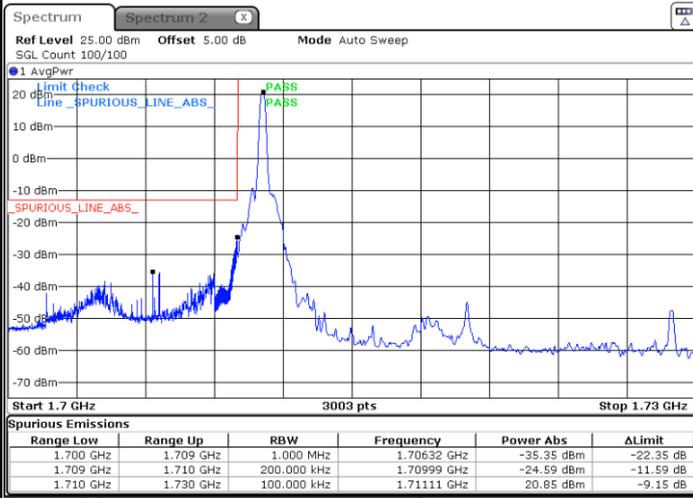


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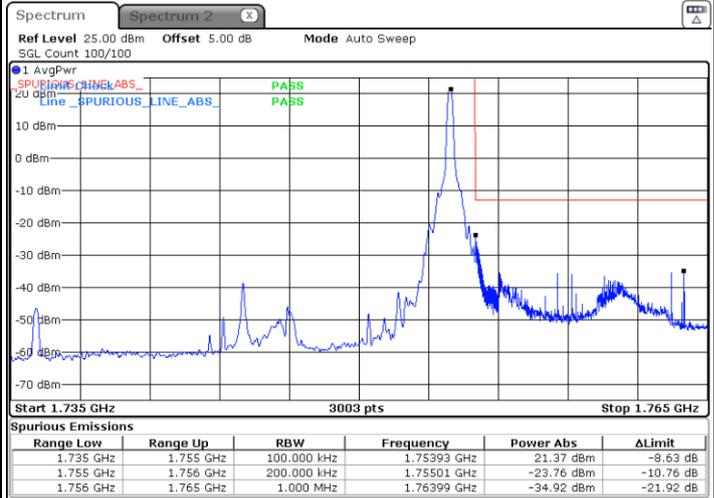
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



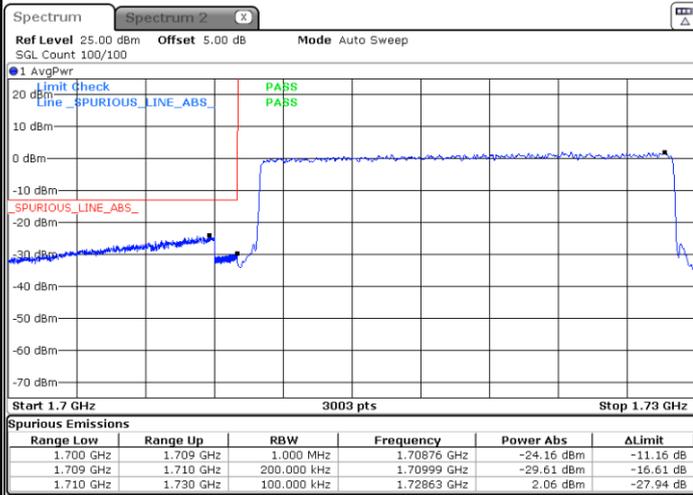
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Highest Band Edge / 1 RB



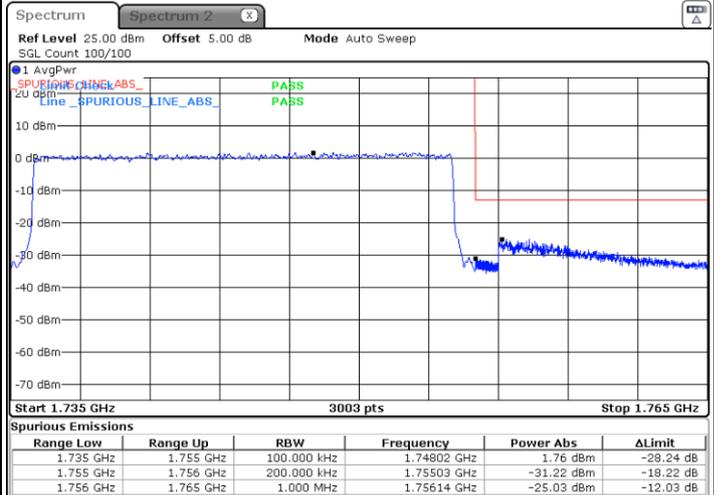
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Lowest Band Edge / Full RB



Date: 30 JUN.2022 03:47:33

Highest Band Edge / Full RB



Date: 30 JUN.2022 03:58:21



Conducted Spurious Emission

