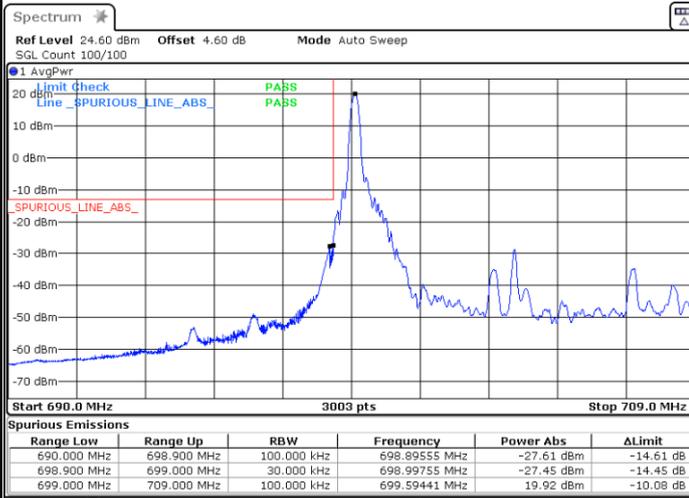




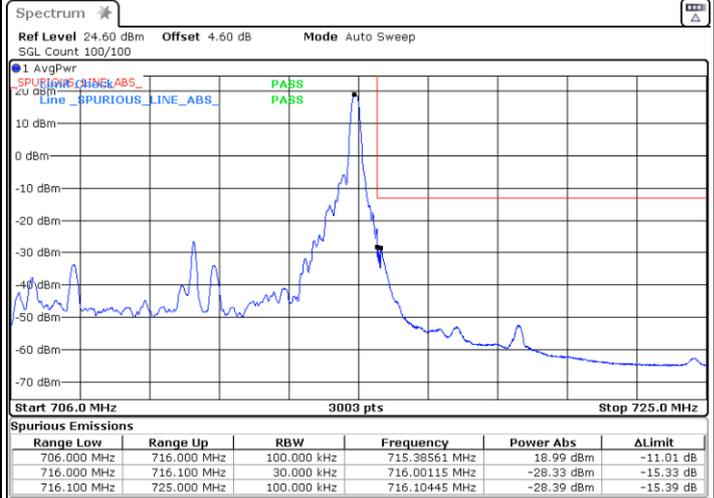
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



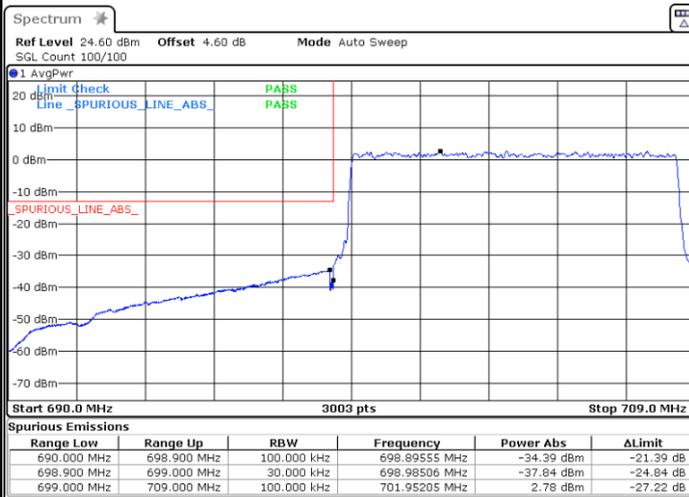
Date: 23.AUG.2021 13:47:00

Highest Band Edge / 1 RB



Date: 23.AUG.2021 14:03:02

Lowest Band Edge / Full RB



Date: 23.AUG.2021 13:48:10

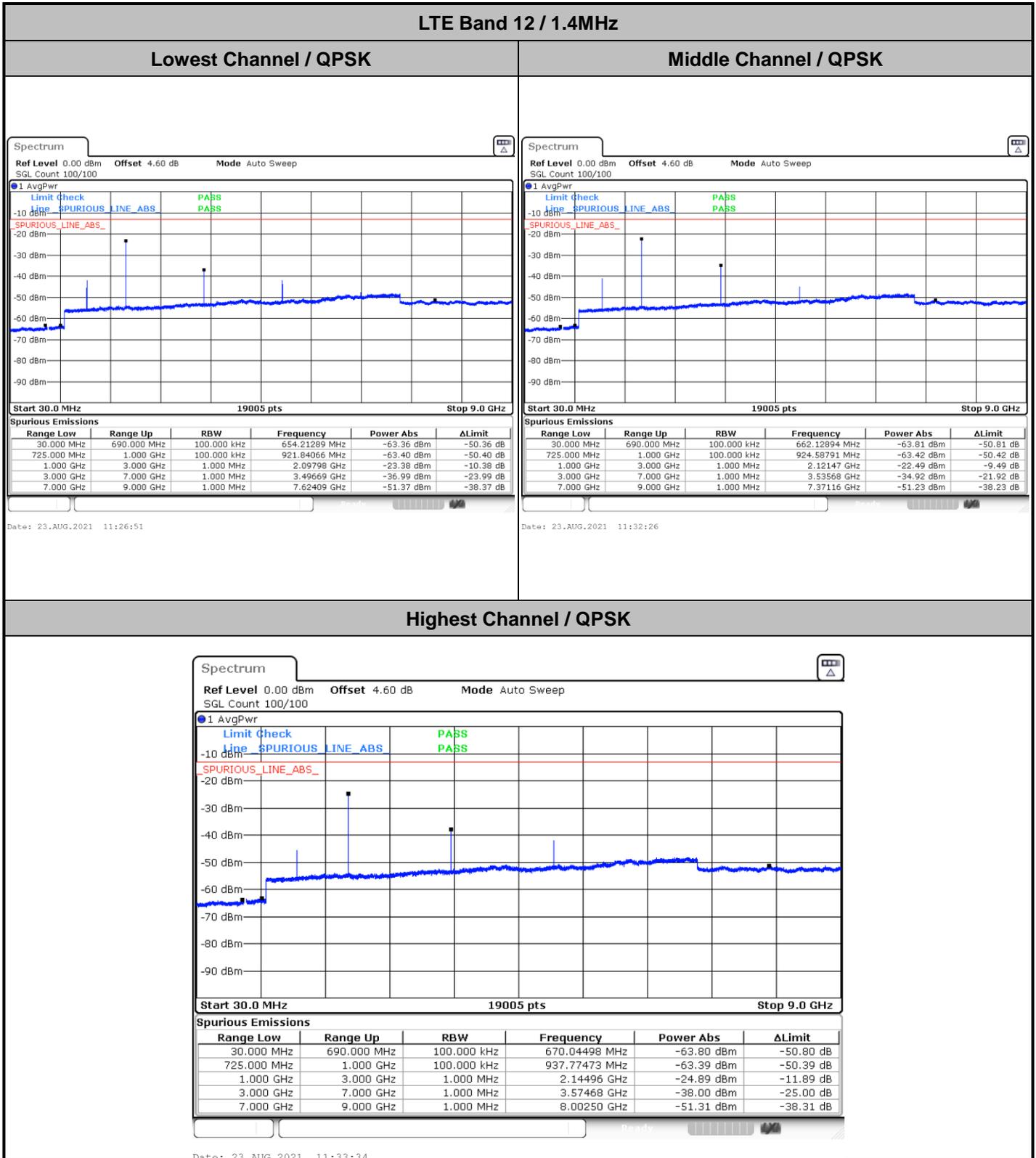
Highest Band Edge / Full RB



Date: 23.AUG.2021 14:04:10



Conducted Spurious Emission

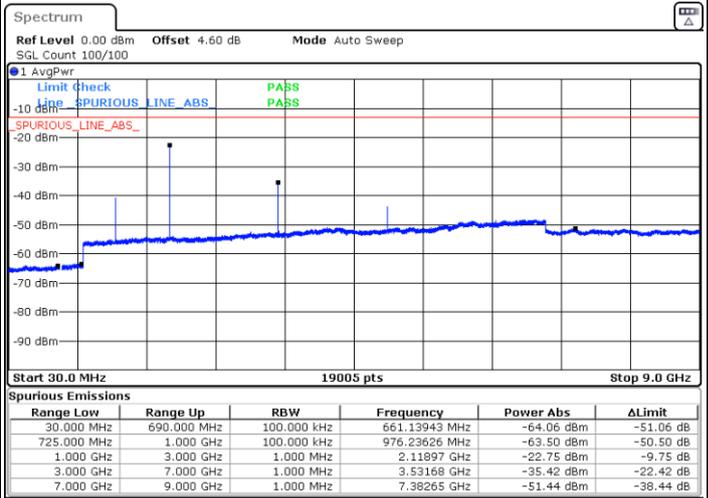
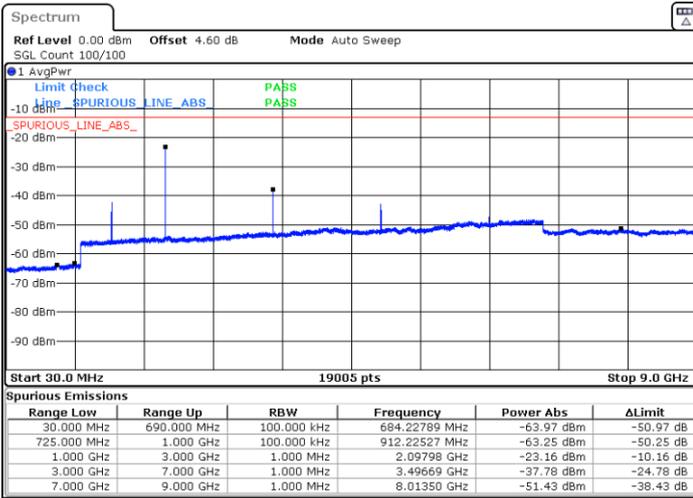




LTE Band 12 / 3MHz

Lowest Channel / QPSK

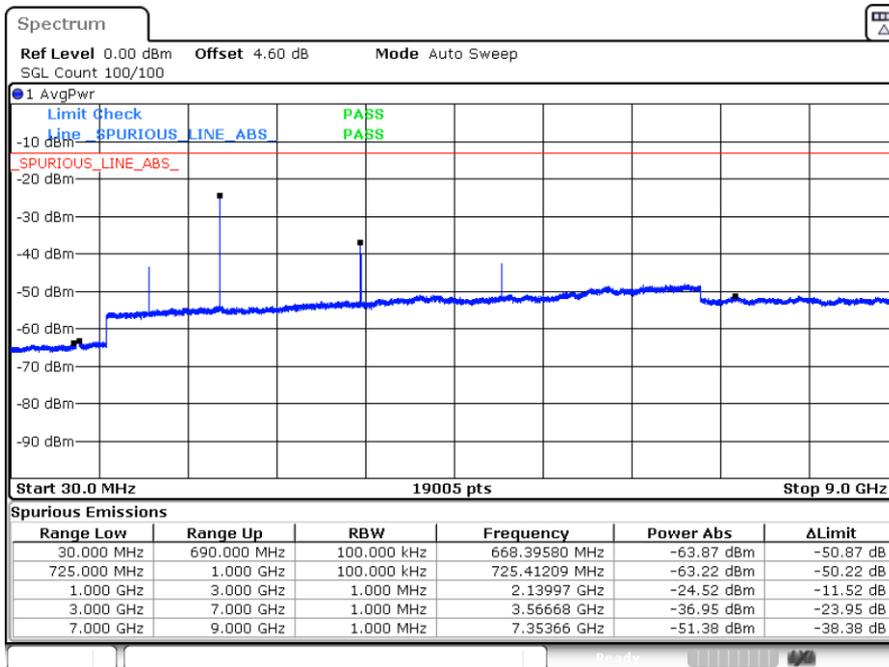
Middle Channel / QPSK



Date: 23.AUG.2021 12:02:59

Date: 23.AUG.2021 13:14:57

Highest Channel / QPSK



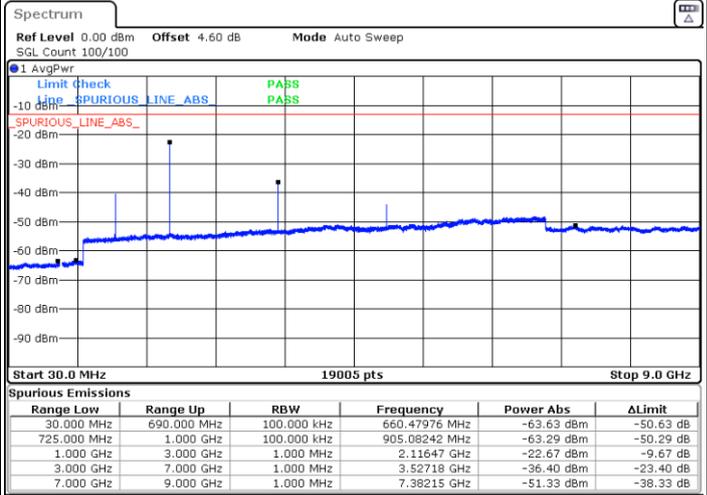
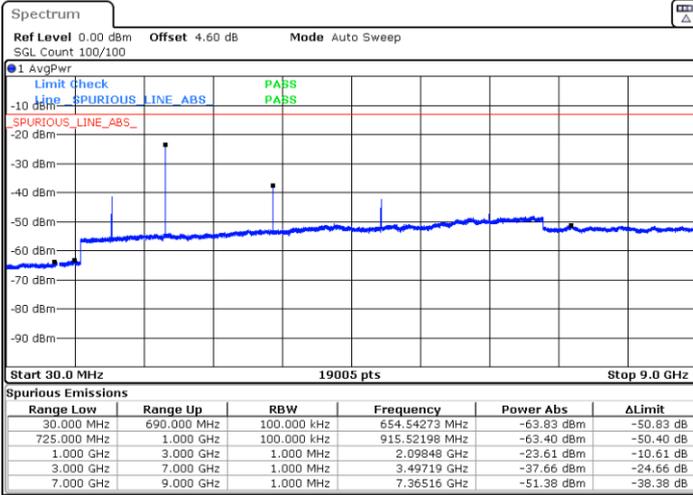
Date: 23.AUG.2021 13:16:15



LTE Band 12 / 5MHz

Lowest Channel / QPSK

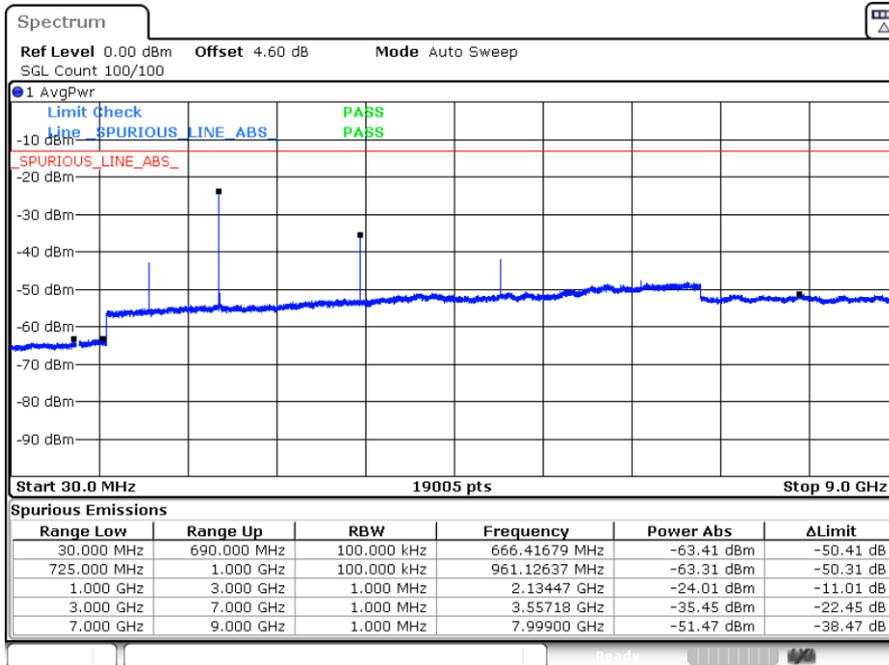
Middle Channel / QPSK



Date: 23.AUG.2021 13:24:52

Date: 23.AUG.2021 13:32:42

Highest Channel / QPSK



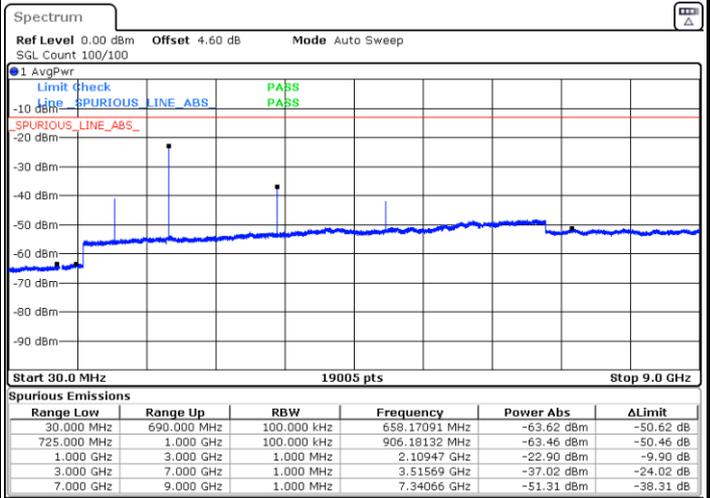
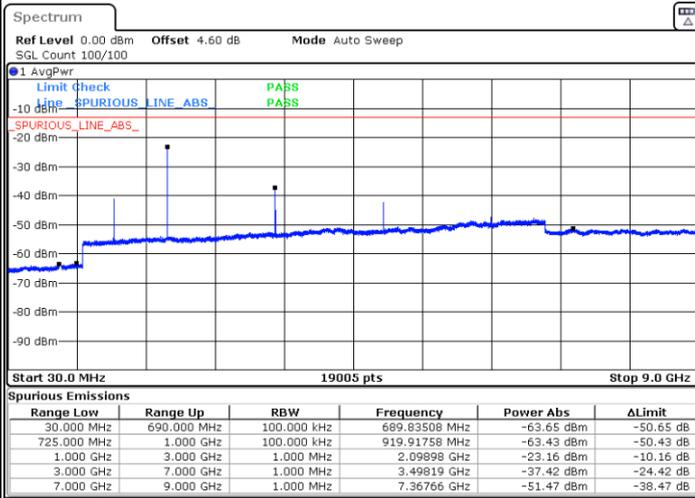
Date: 23.AUG.2021 13:34:04



LTE Band 12 / 10MHz

Lowest Channel / QPSK

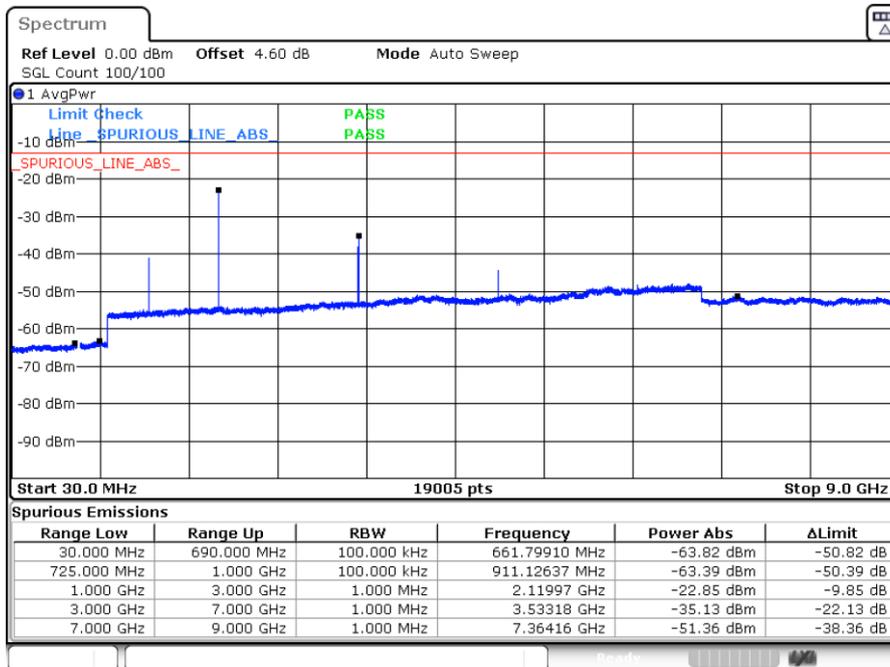
Middle Channel / QPSK



Date: 23.AUG.2021 13:43:38

Date: 23.AUG.2021 13:58:38

Highest Channel / QPSK



Date: 23.AUG.2021 13:59:53



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0112	

Note:

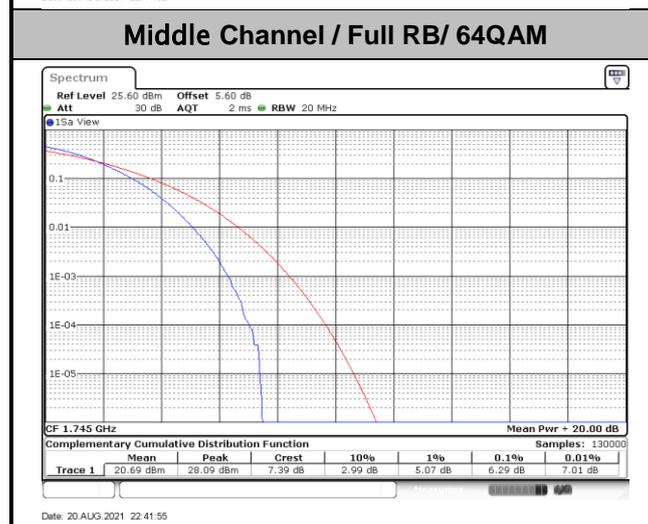
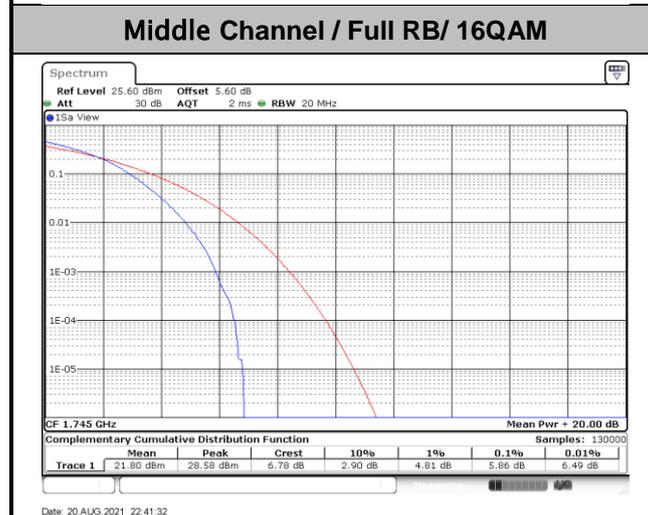
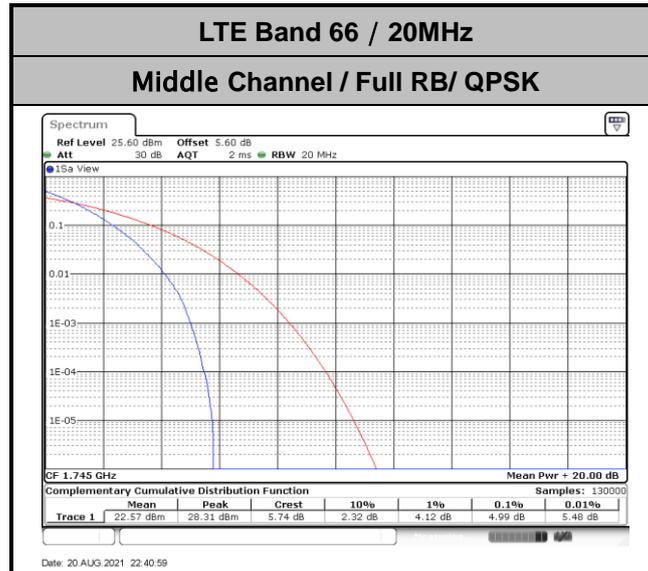
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

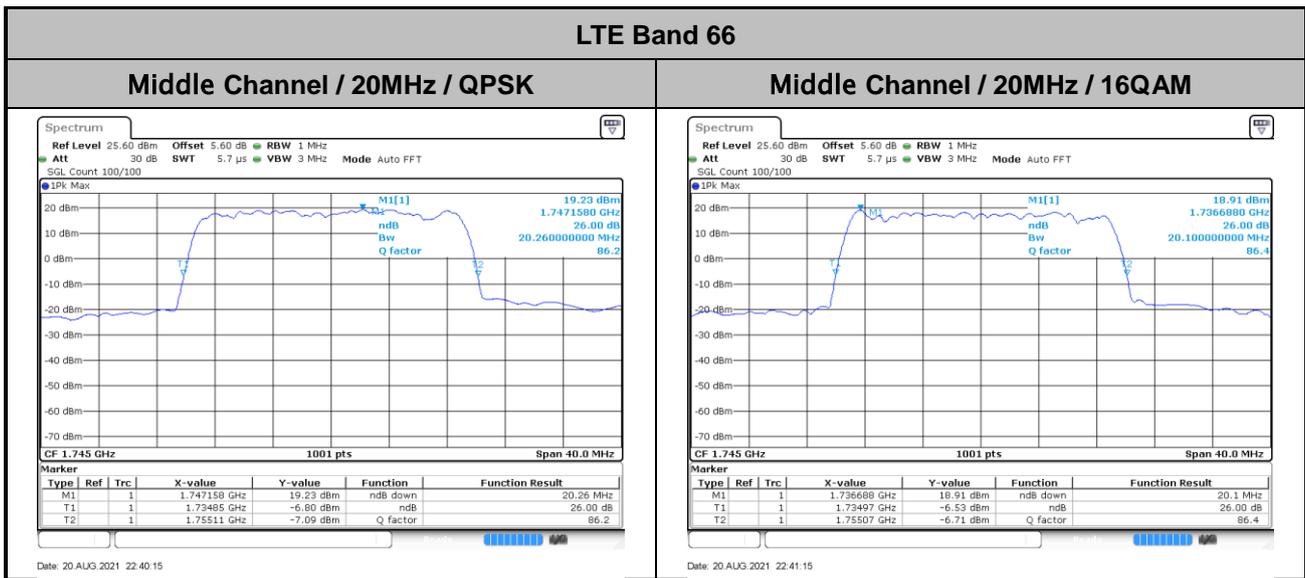
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.86	6.29	PASS





26dB Bandwidth

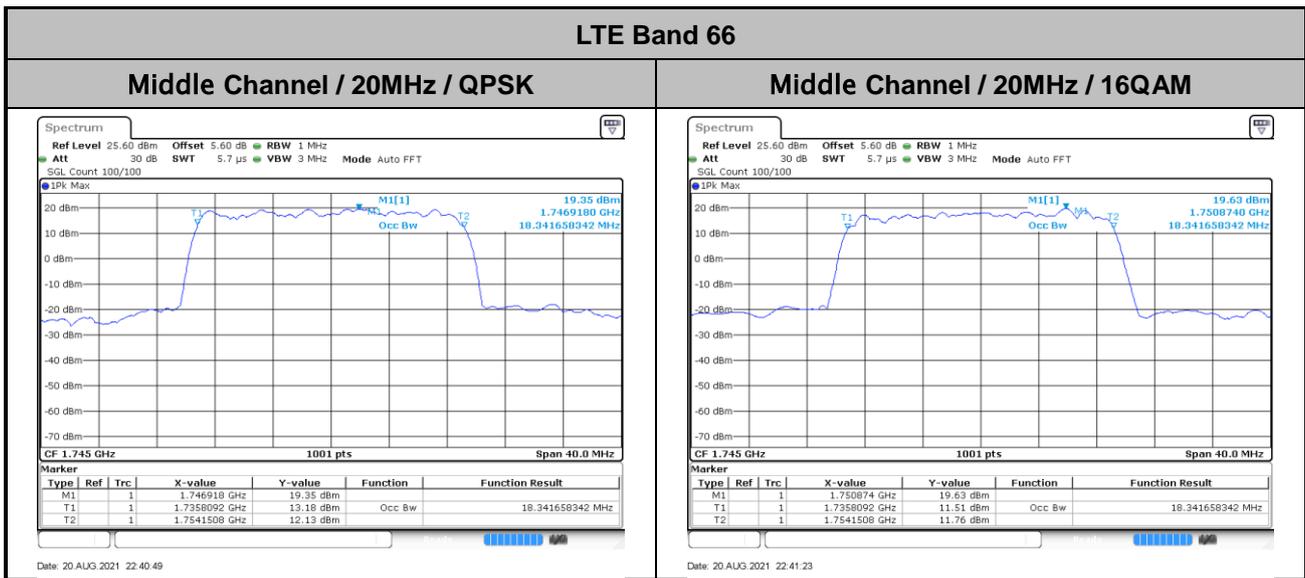
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.1





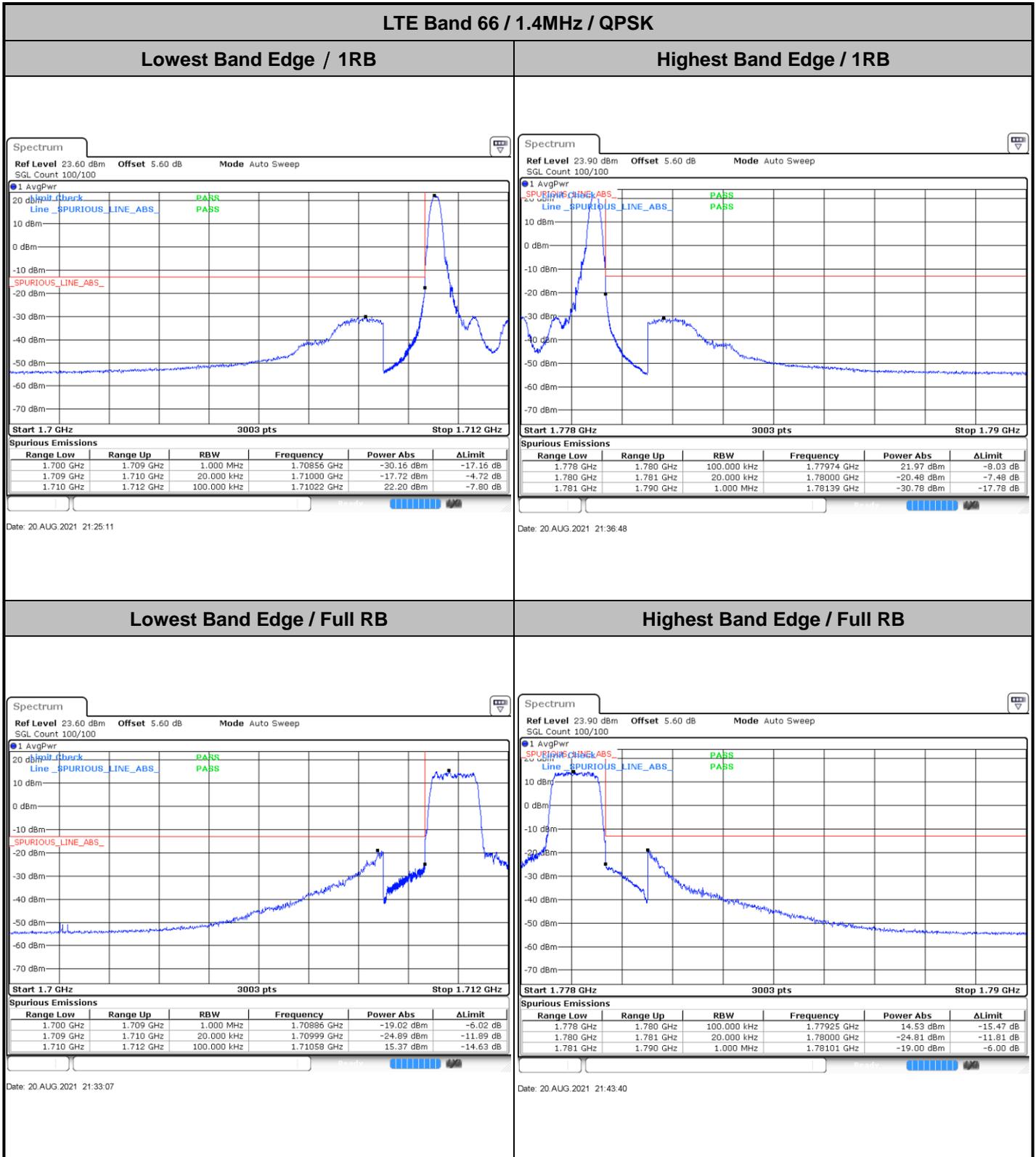
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.34





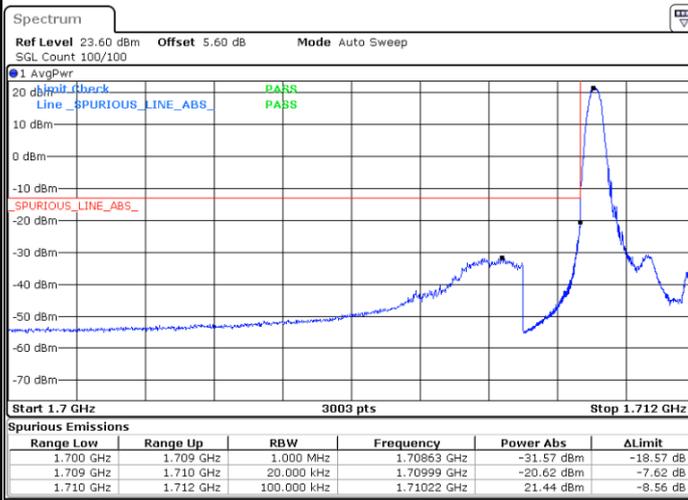
Conducted Band Edge





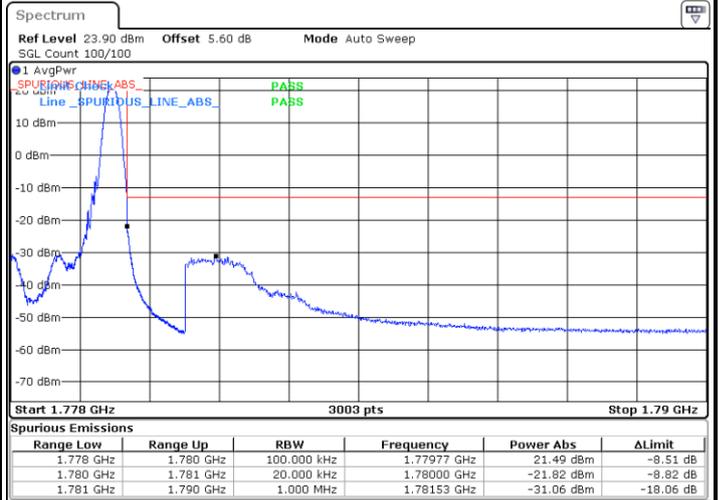
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



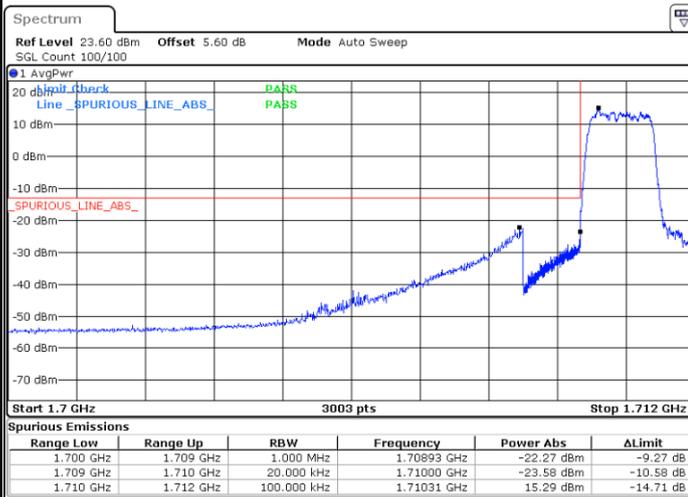
Date: 20 AUG 2021 21:26:24

Highest Band Edge / 1 RB



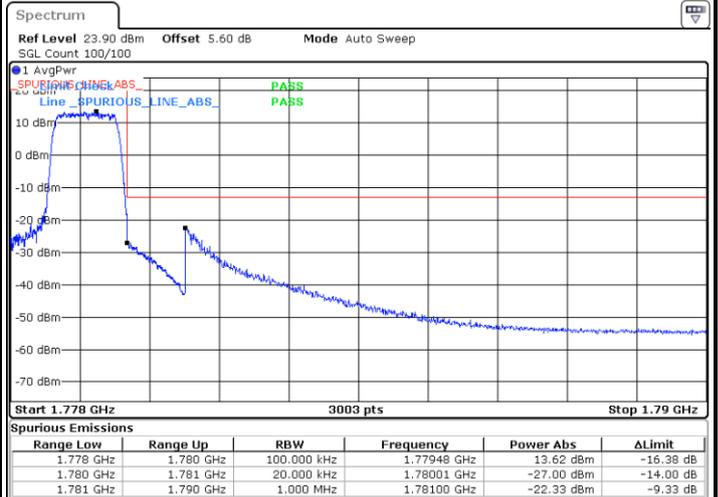
Date: 20 AUG 2021 21:38:51

Lowest Band Edge / Full RB



Date: 20 AUG 2021 21:31:57

Highest Band Edge / Full RB

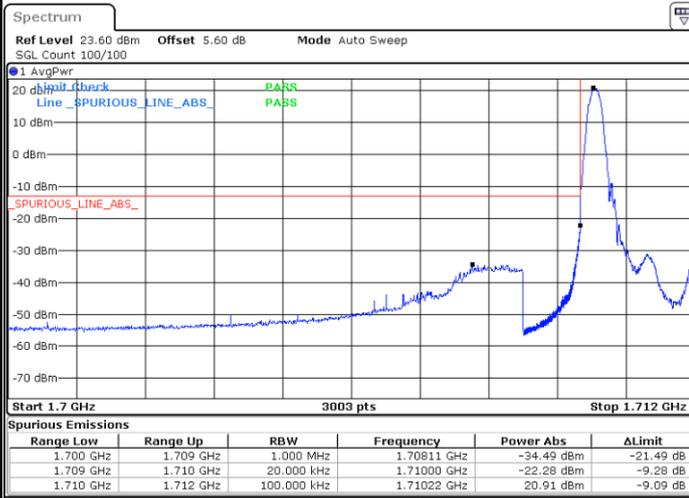


Date: 20 AUG 2021 21:42:30



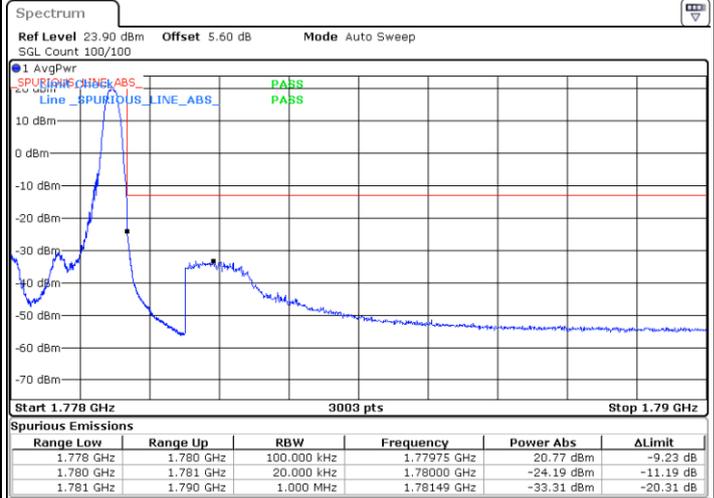
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



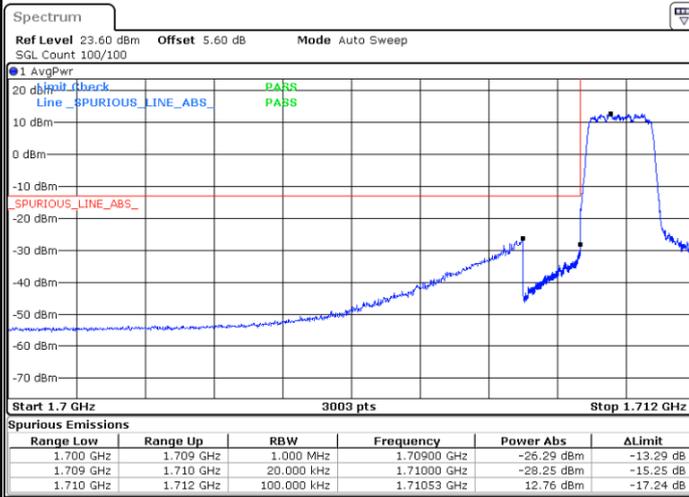
Date: 20 AUG 2021 21:27:33

Highest Band Edge / 1 RB



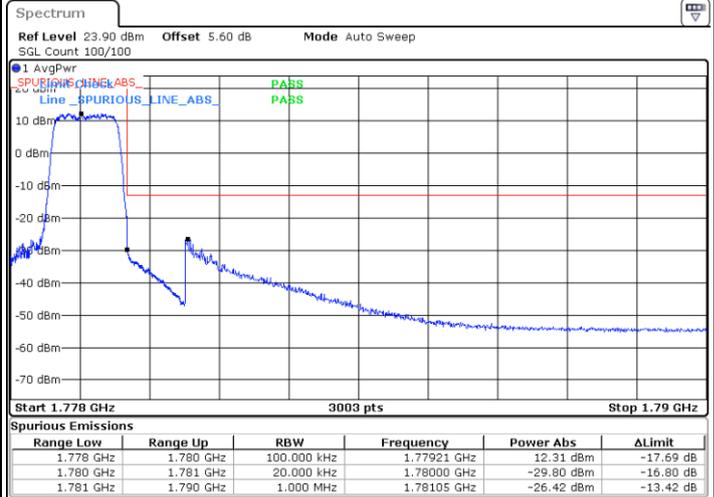
Date: 20 AUG 2021 21:40:00

Lowest Band Edge / Full RB



Date: 20 AUG 2021 21:30:46

Highest Band Edge / Full RB

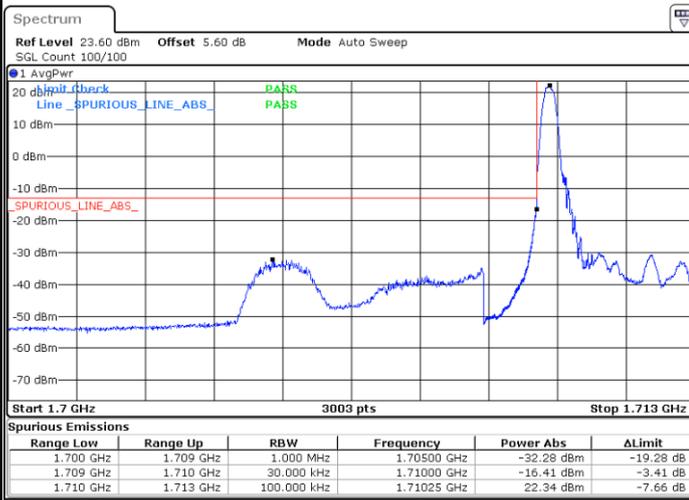


Date: 20 AUG 2021 21:41:19



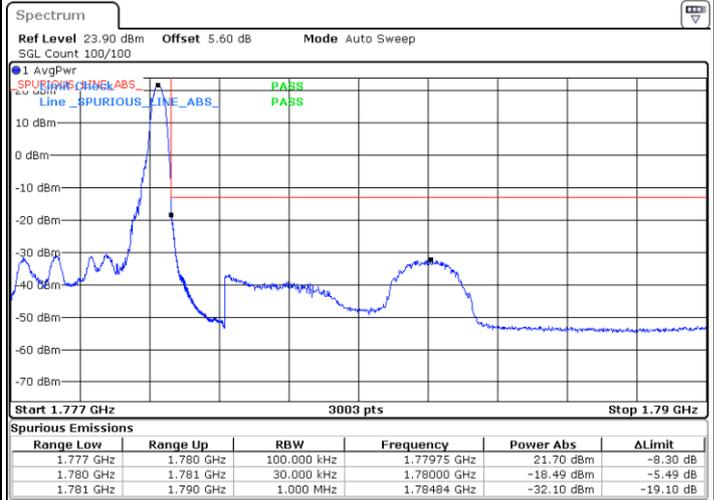
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



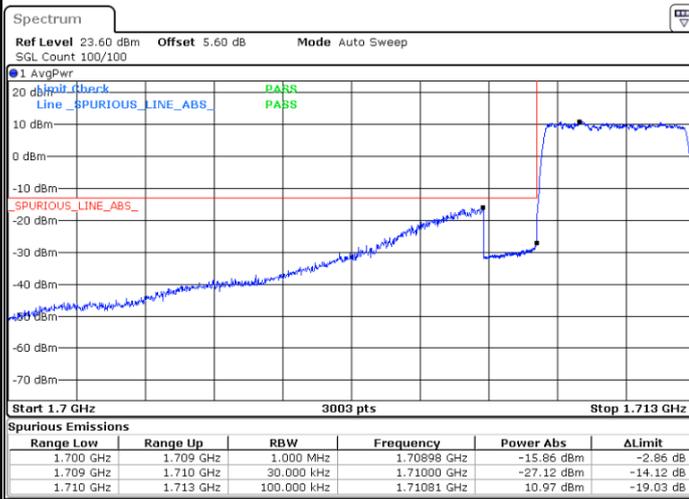
Date: 20 AUG 2021 21:50:29

Highest Band Edge / 1 RB



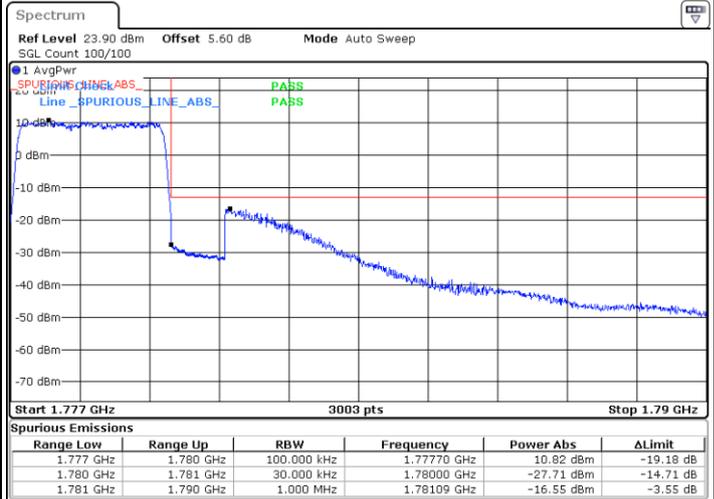
Date: 20 AUG 2021 21:57:43

Lowest Band Edge / Full RB



Date: 20 AUG 2021 21:46:21

Highest Band Edge / Full RB

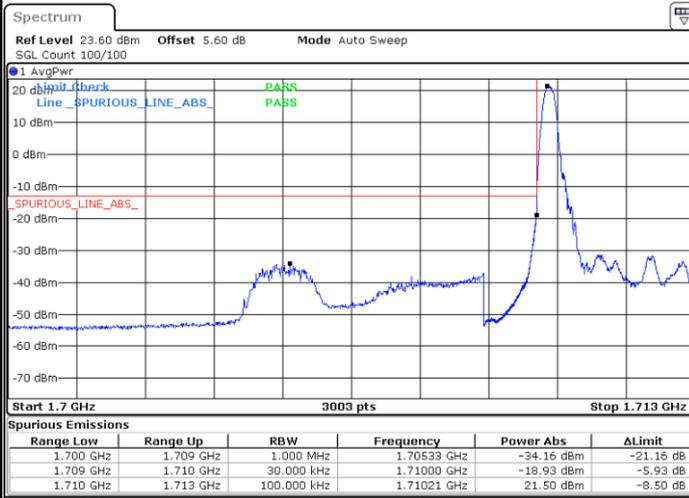


Date: 20 AUG 2021 22:01:31



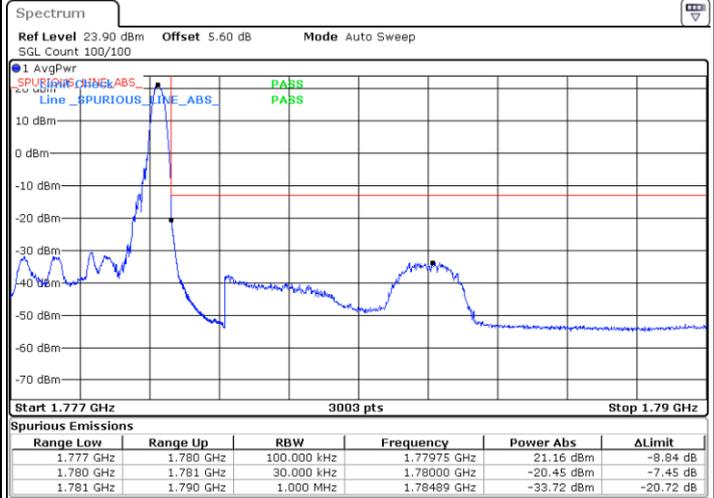
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 20 AUG 2021 21:49:46

Highest Band Edge / 1 RB



Date: 20 AUG 2021 21:58:25

Lowest Band Edge / Full RB



Date: 20 AUG 2021 21:45:36

Highest Band Edge / Full RB

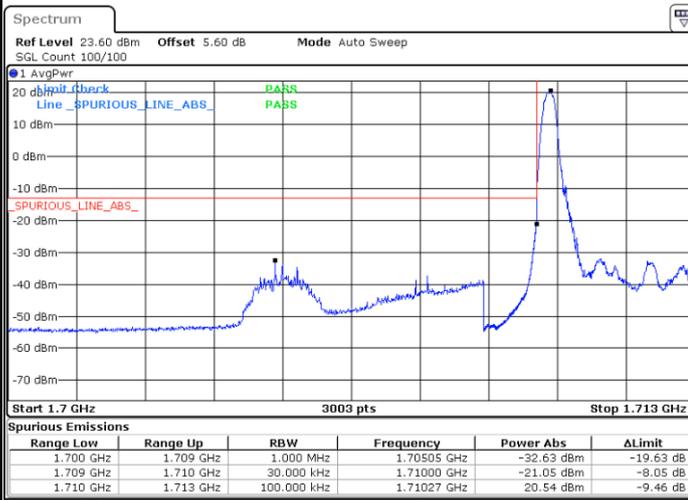


Date: 20 AUG 2021 22:00:48



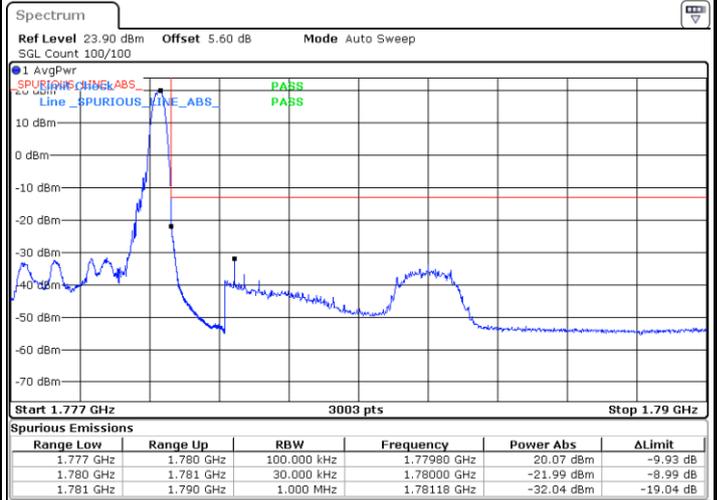
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 20 AUG 2021 21:48:06

Highest Band Edge / 1 RB



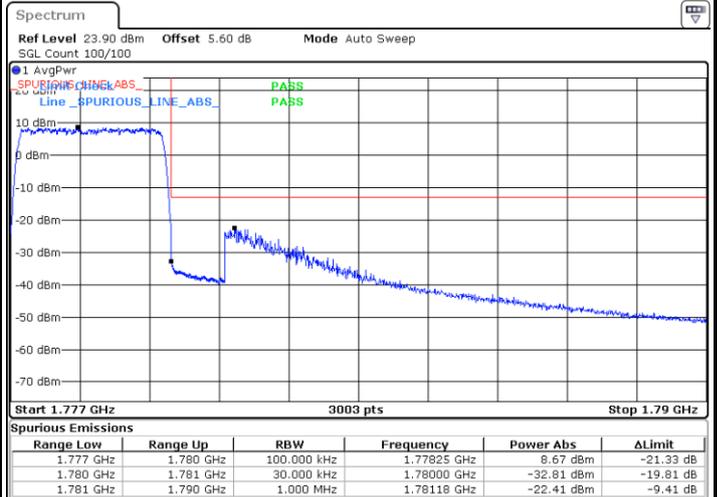
Date: 20 AUG 2021 21:59:11

Lowest Band Edge / Full RB



Date: 20 AUG 2021 21:47:12

Highest Band Edge / Full RB

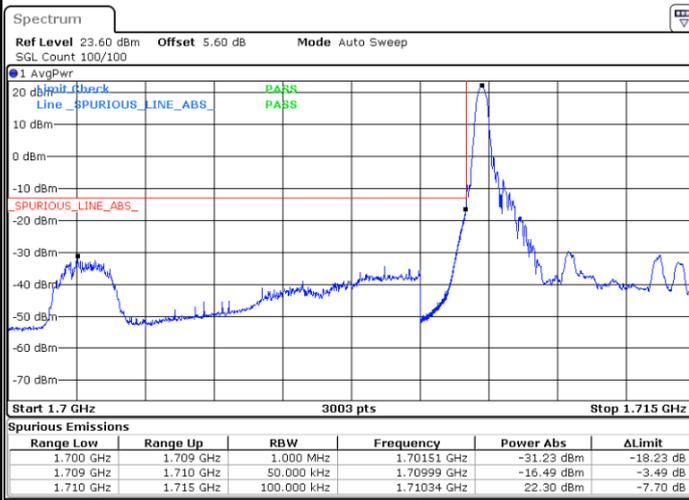


Date: 20 AUG 2021 22:00:04



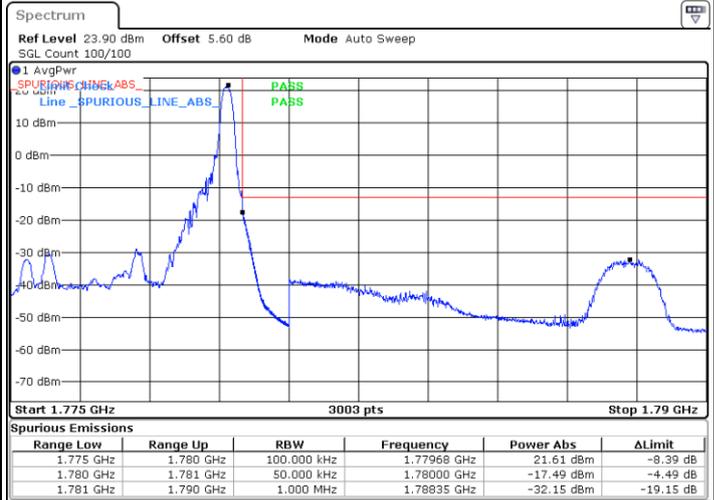
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



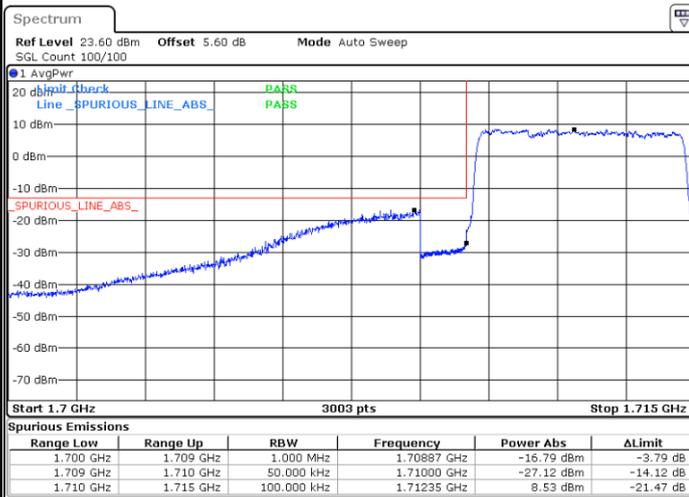
Date: 20 AUG 2021 22:05:37

Highest Band Edge / 1 RB



Date: 20 AUG 2021 22:09:19

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:02:36

Highest Band Edge / Full RB

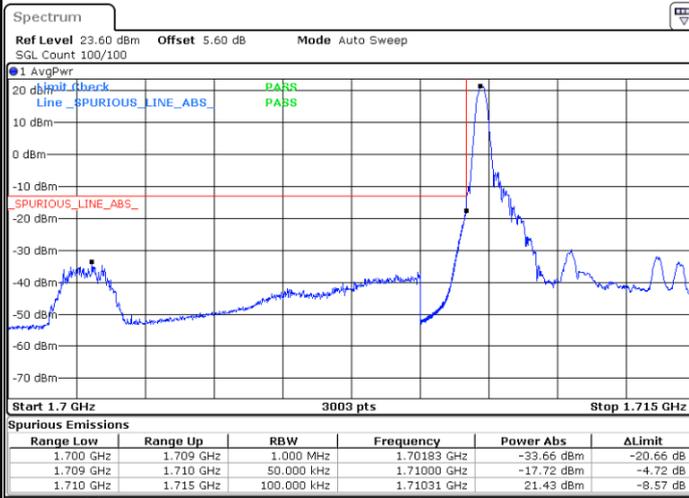


Date: 20 AUG 2021 22:11:45



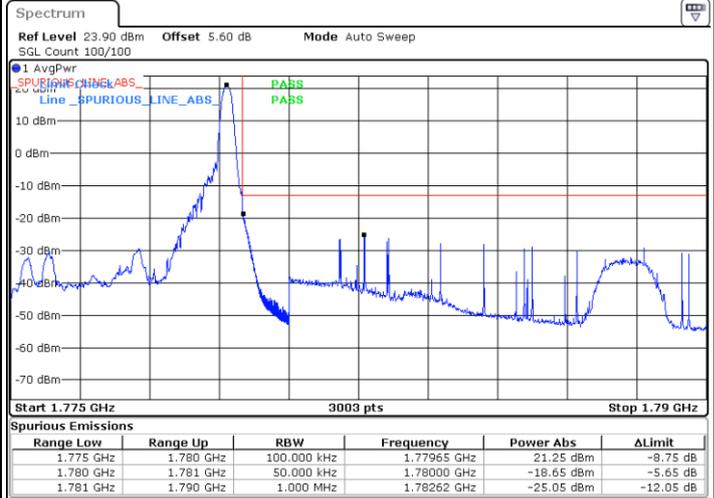
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



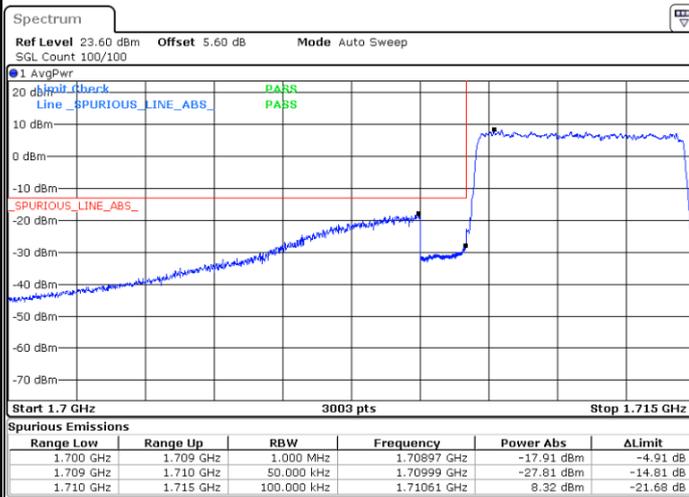
Date: 20 AUG 2021 22:05:06

Highest Band Edge / 1 RB



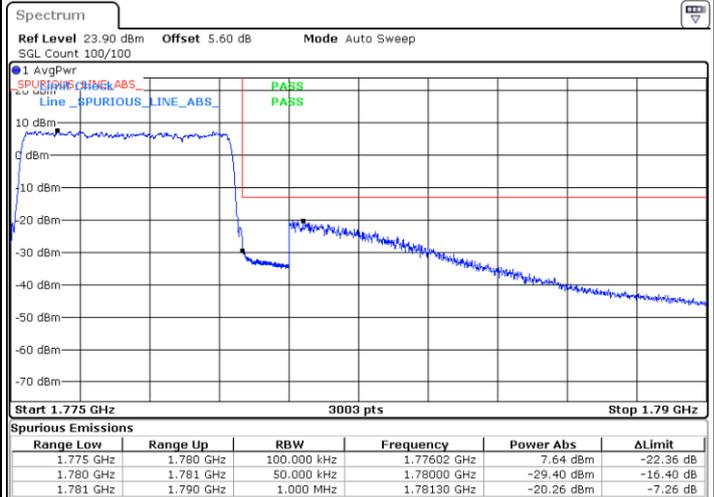
Date: 20 AUG 2021 22:09:47

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:03:04

Highest Band Edge / Full RB

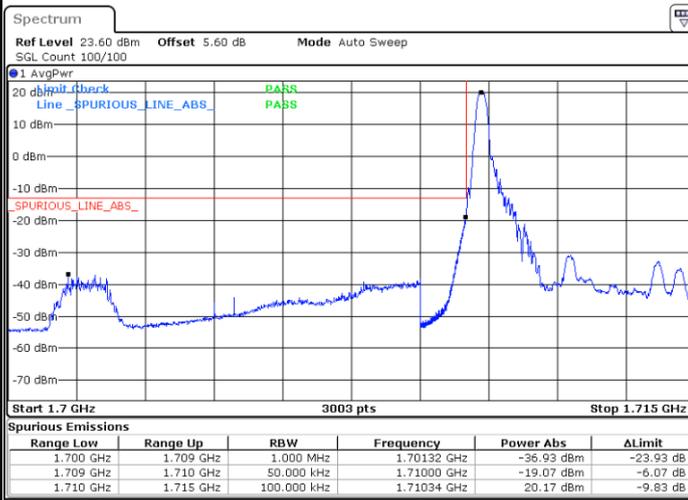


Date: 20 AUG 2021 22:11:17



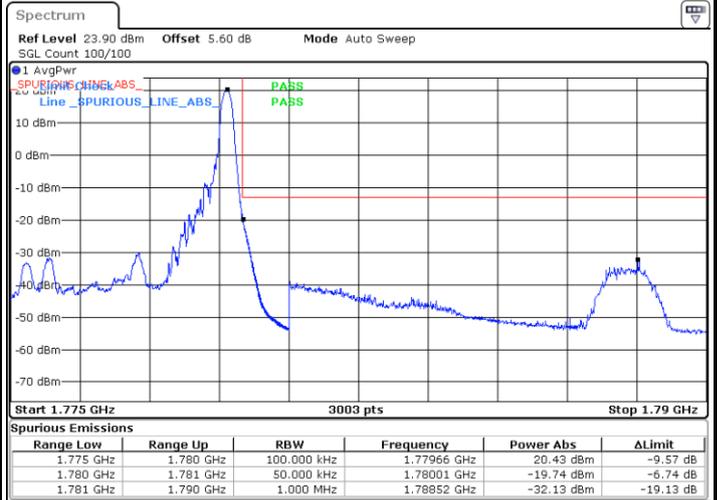
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



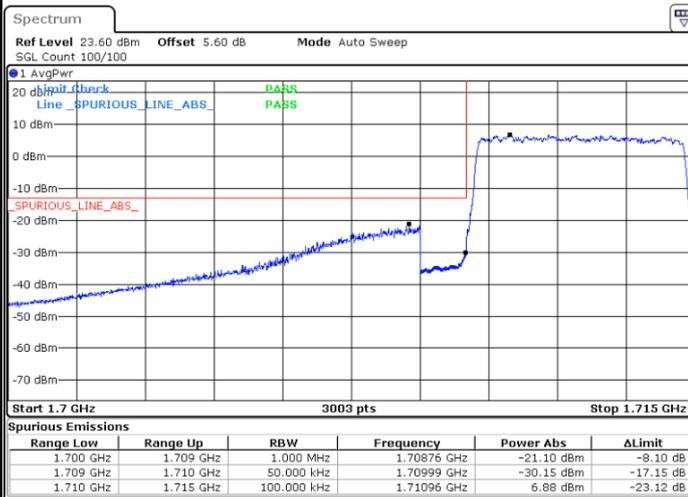
Date: 20 AUG 2021 22:04:19

Highest Band Edge / 1 RB



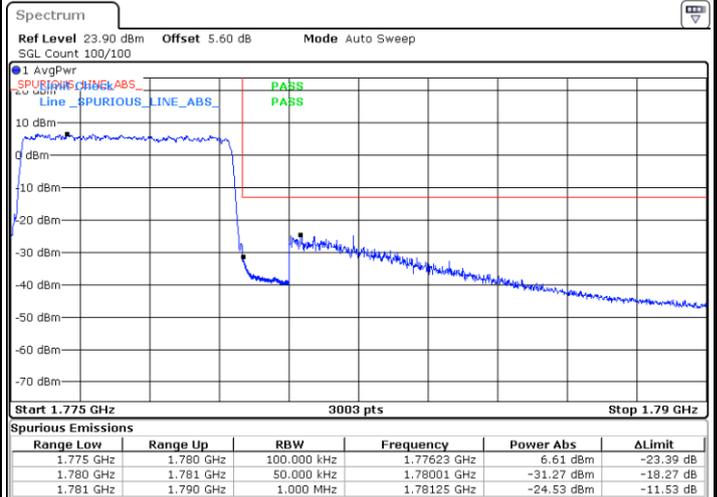
Date: 20 AUG 2021 22:10:16

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:03:47

Highest Band Edge / Full RB

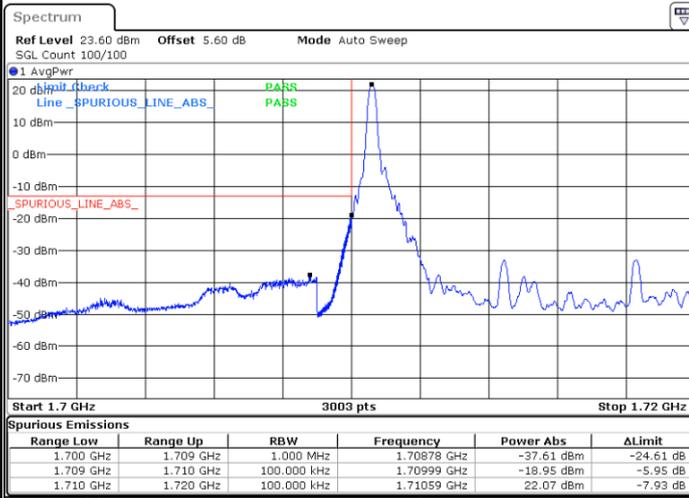


Date: 20 AUG 2021 22:10:50



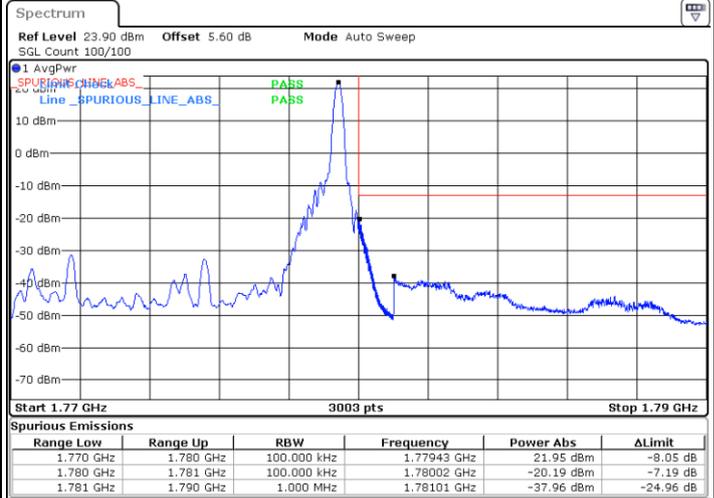
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



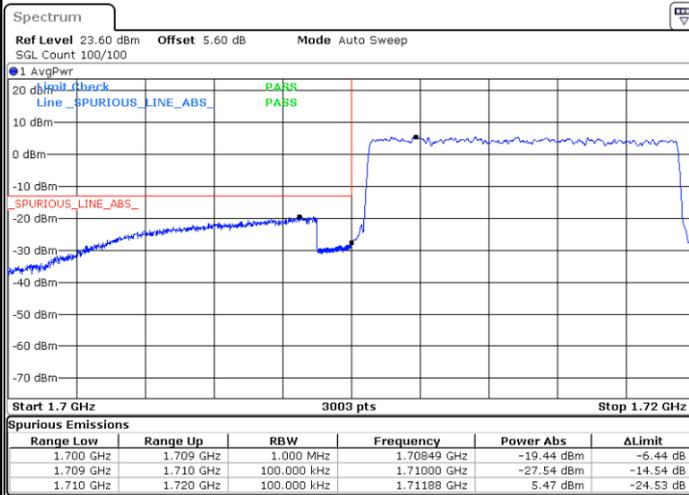
Date: 20 AUG 2021 22:14:39

Highest Band Edge / 1 RB



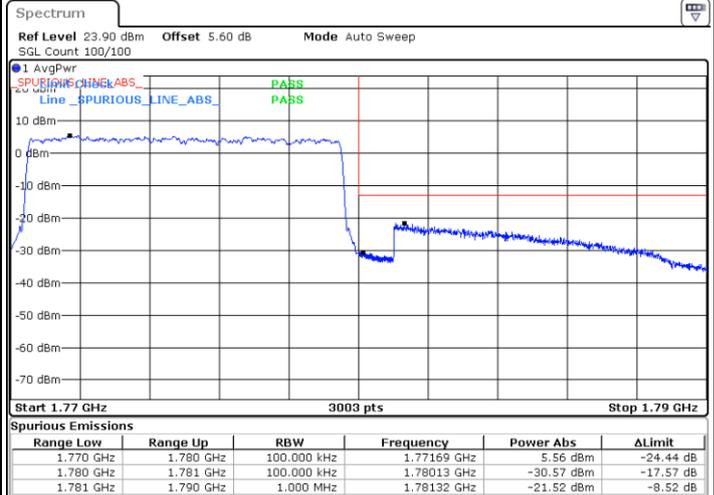
Date: 20 AUG 2021 22:17:31

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:12:52

Highest Band Edge / Full RB

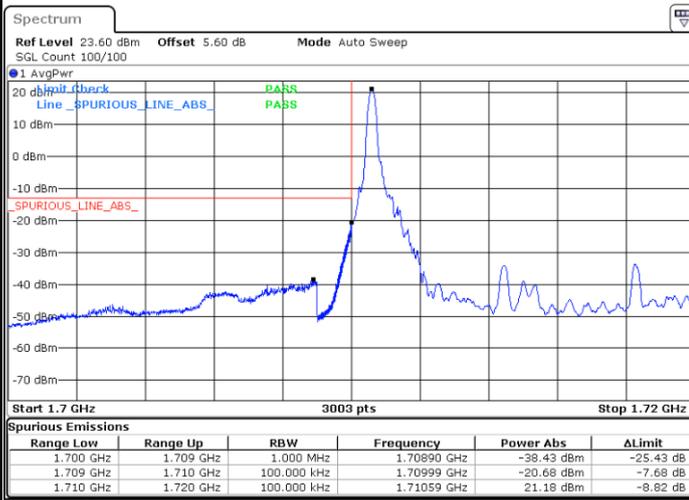


Date: 20 AUG 2021 22:20:33



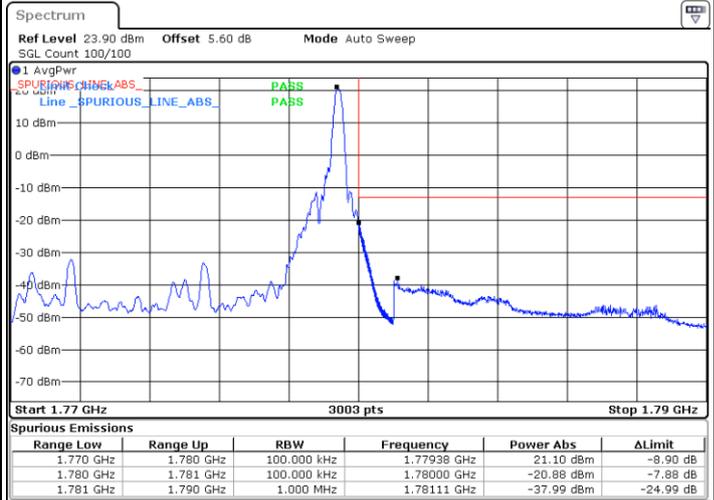
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



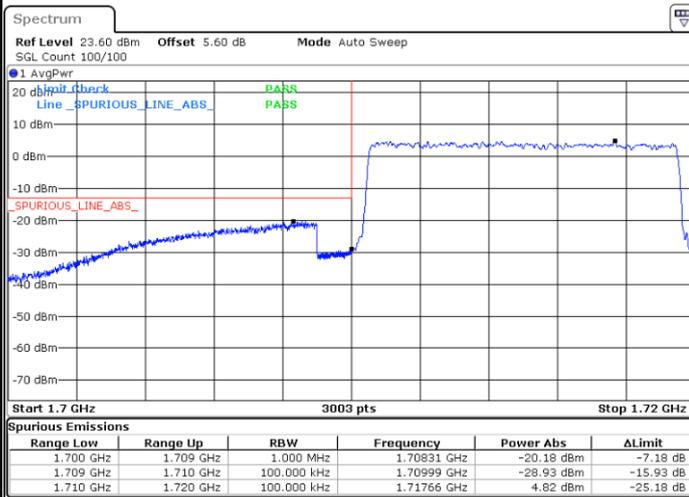
Date: 20 AUG 2021 22:14:19

Highest Band Edge / 1 RB



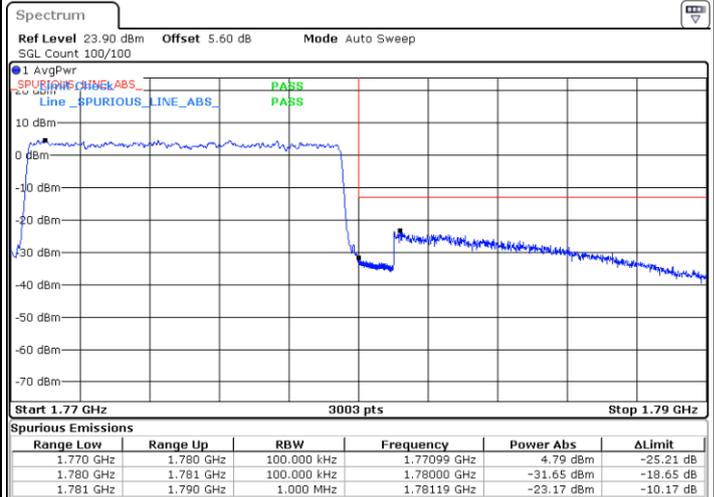
Date: 20 AUG 2021 22:18:25

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:13:13

Highest Band Edge / Full RB

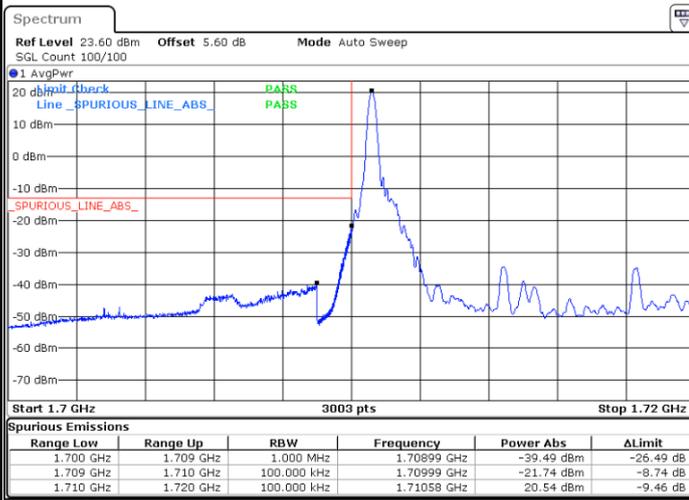


Date: 20 AUG 2021 22:20:06



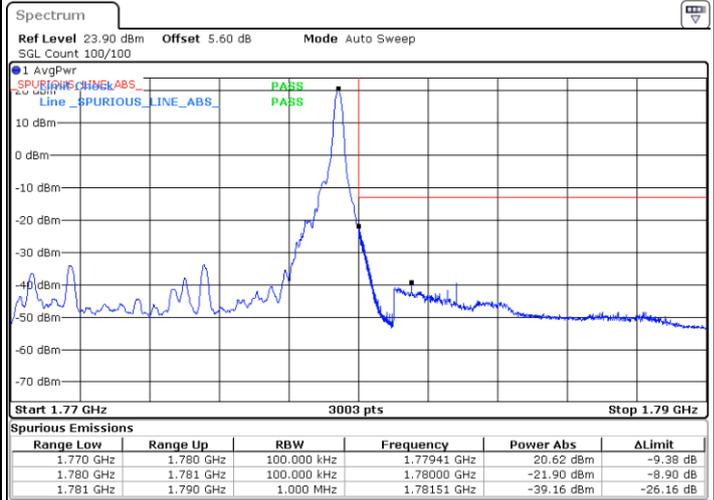
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



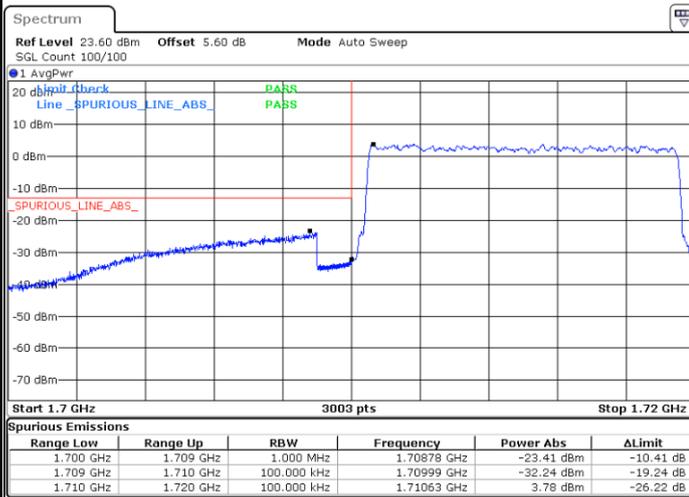
Date: 20 AUG 2021 22:13:58

Highest Band Edge / 1 RB



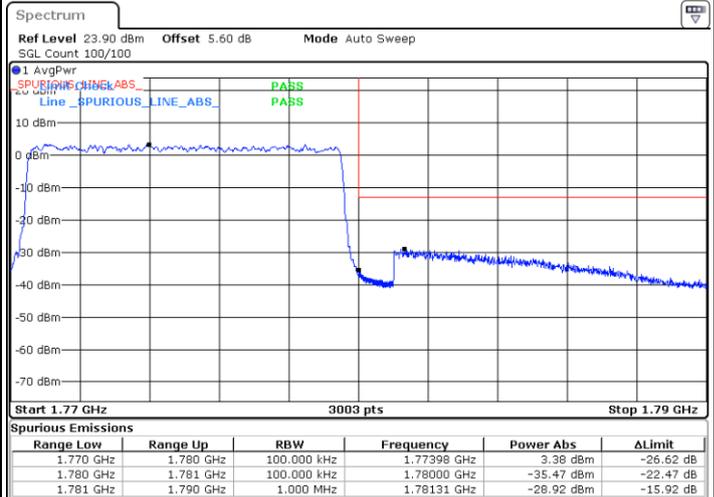
Date: 20 AUG 2021 22:19:06

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:13:34

Highest Band Edge / Full RB

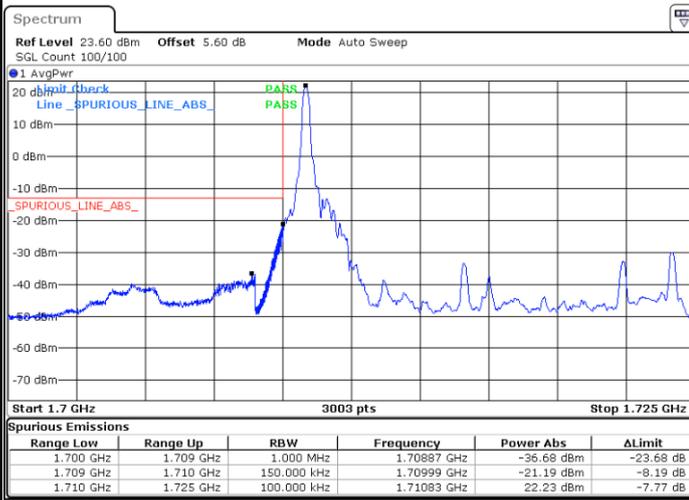


Date: 20 AUG 2021 22:19:42



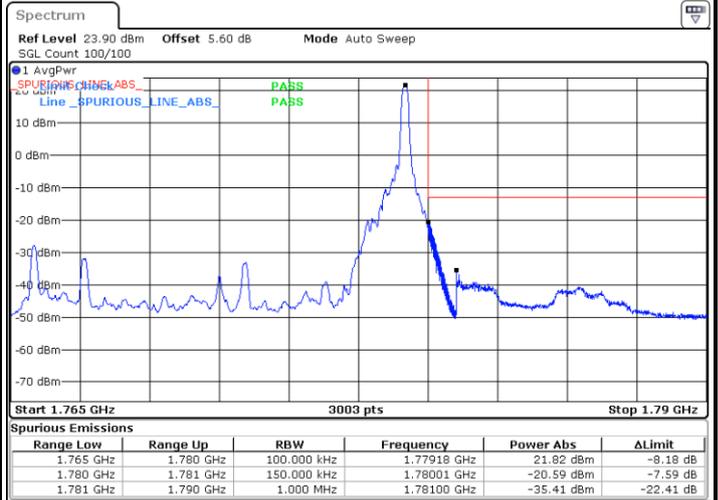
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



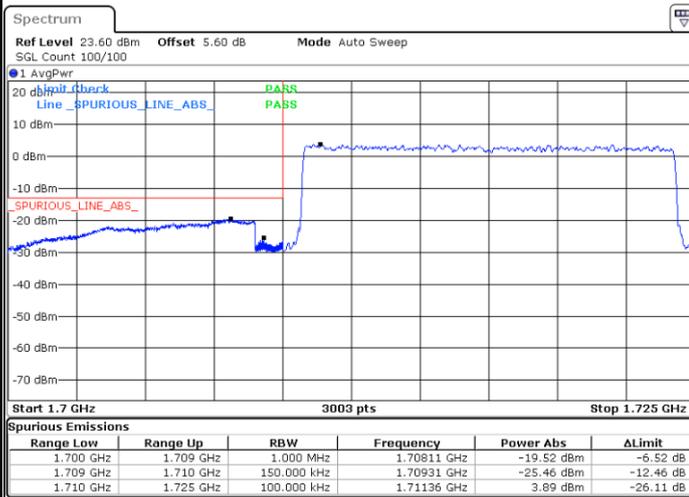
Date: 20 AUG 2021 22:23:17

Highest Band Edge / 1 RB



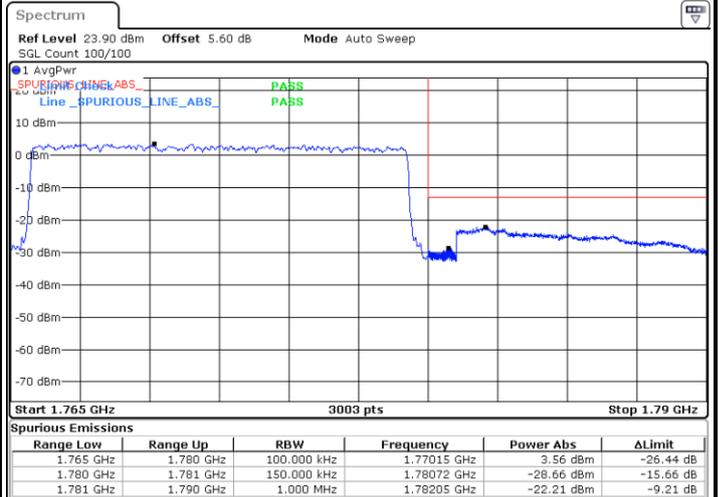
Date: 20 AUG 2021 22:30:56

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:21:34

Highest Band Edge / Full RB

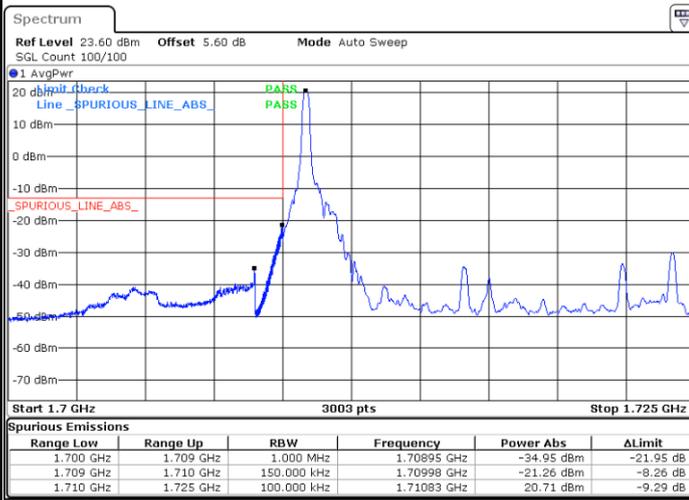


Date: 20 AUG 2021 22:32:44



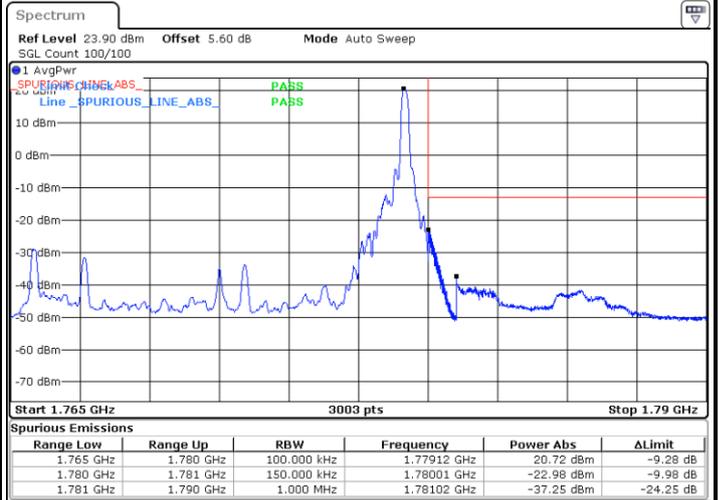
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



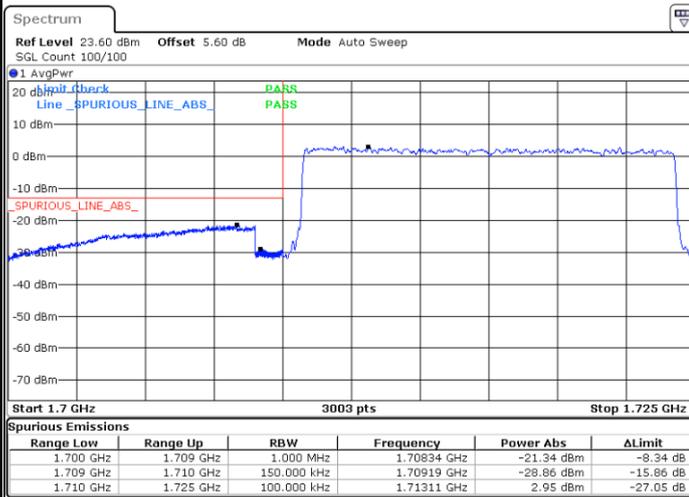
Date: 20 AUG 2021 22:22:58

Highest Band Edge / 1 RB



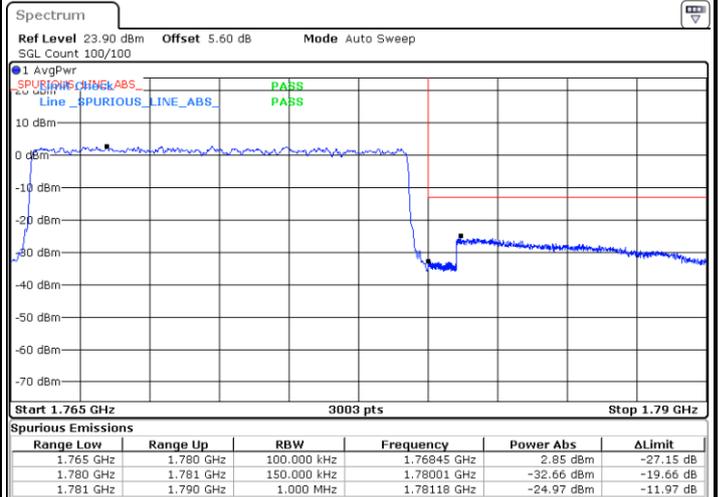
Date: 20 AUG 2021 22:31:16

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:21:54

Highest Band Edge / Full RB

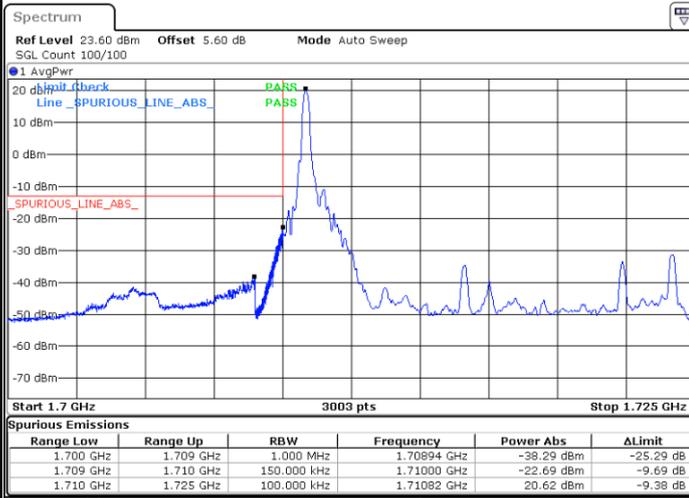


Date: 20 AUG 2021 22:32:25



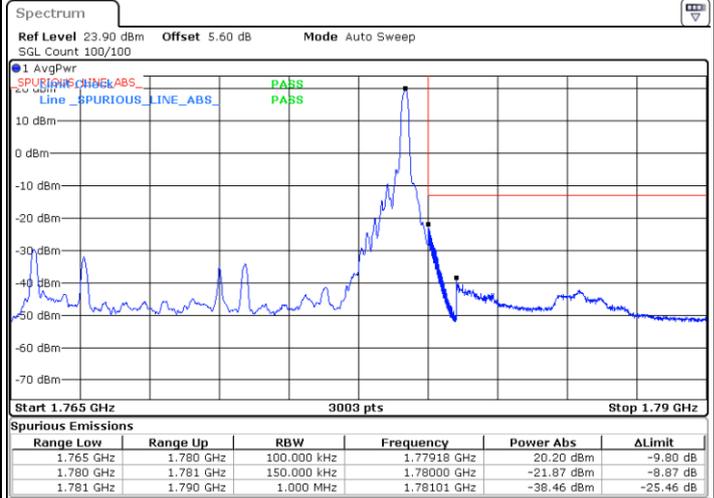
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



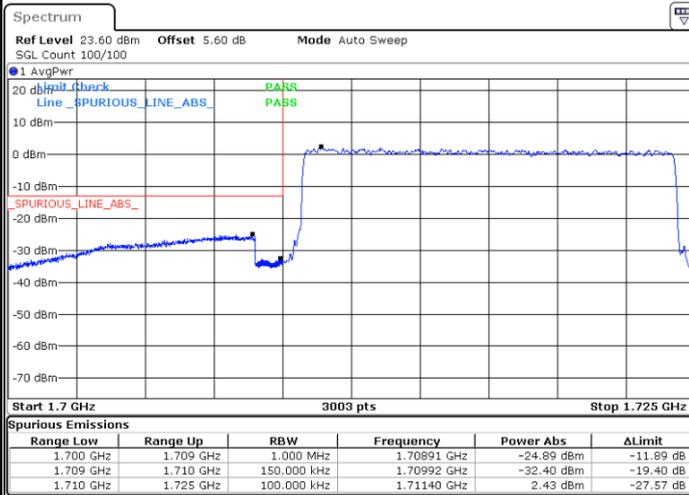
Date: 20 AUG 2021 22:22:39

Highest Band Edge / 1 RB



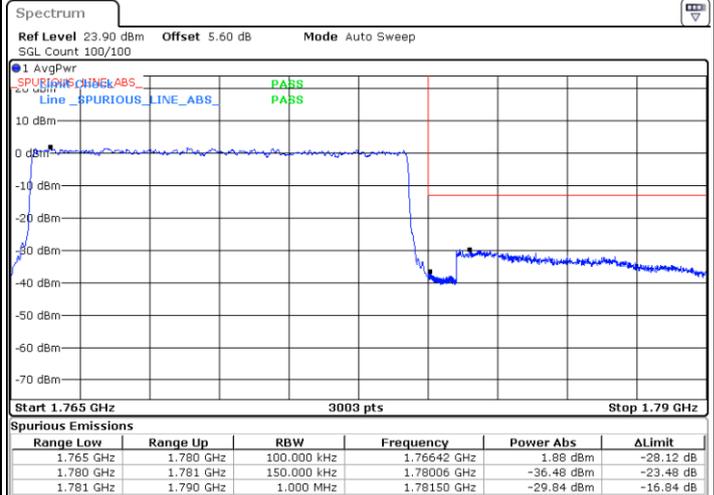
Date: 20 AUG 2021 22:31:35

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:22:15

Highest Band Edge / Full RB

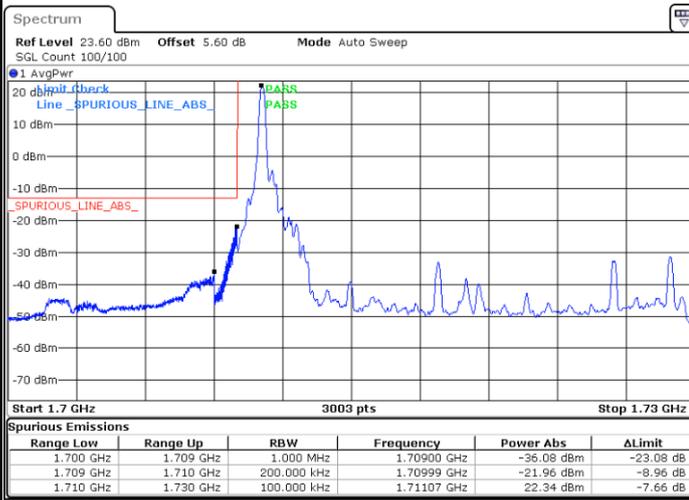


Date: 20 AUG 2021 22:32:05



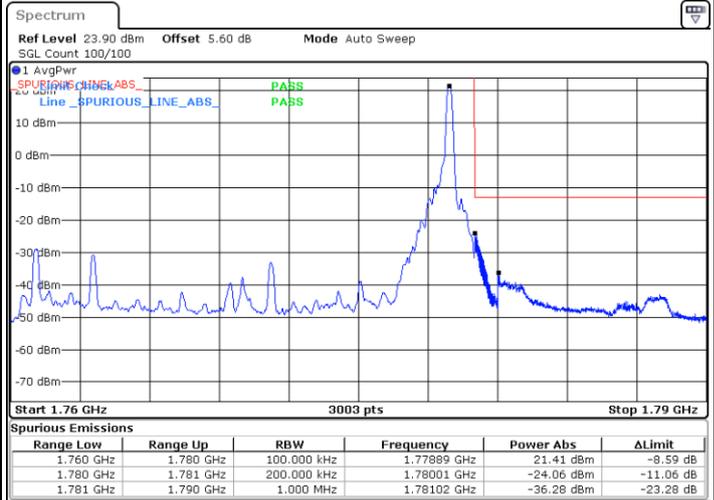
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



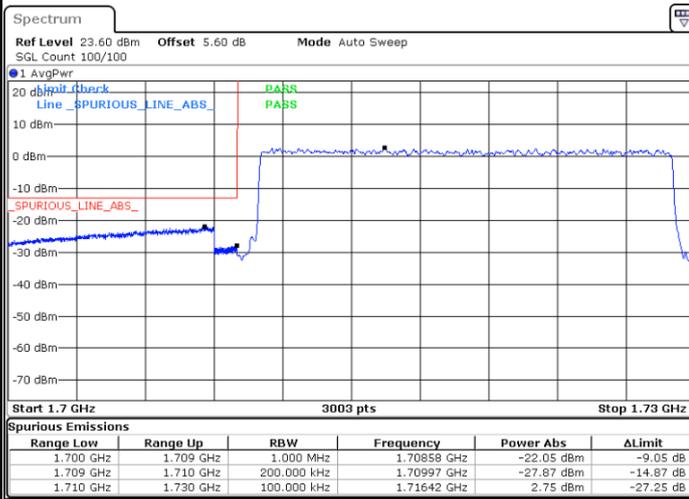
Date: 20 AUG 2021 22:37:22

Highest Band Edge / 1 RB



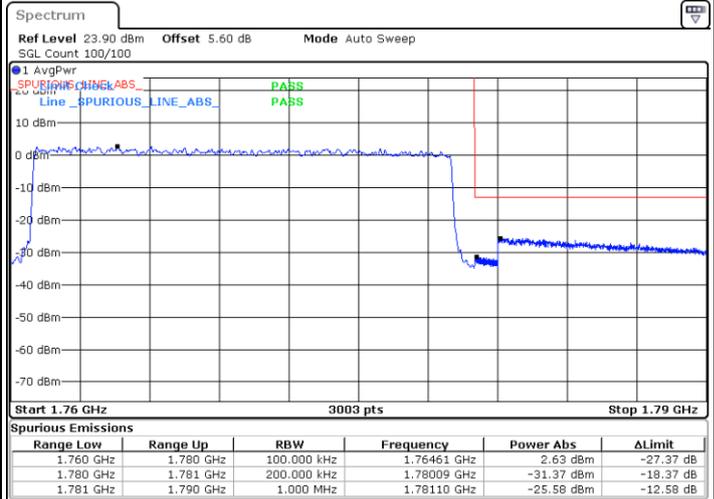
Date: 20 AUG 2021 22:46:16

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:35:17

Highest Band Edge / Full RB

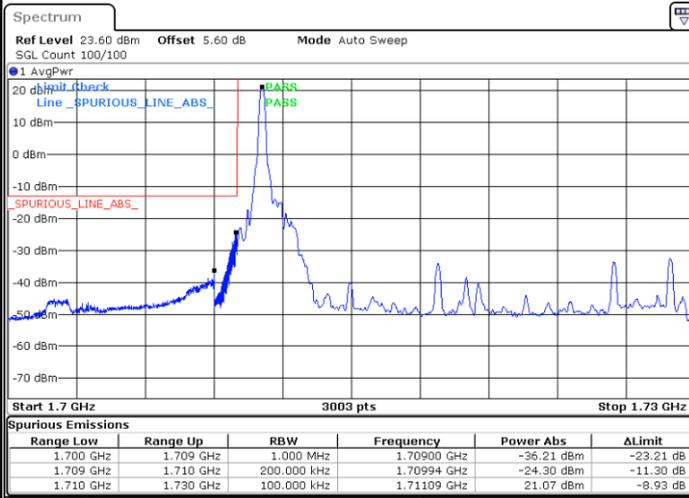


Date: 20 AUG 2021 22:45:45



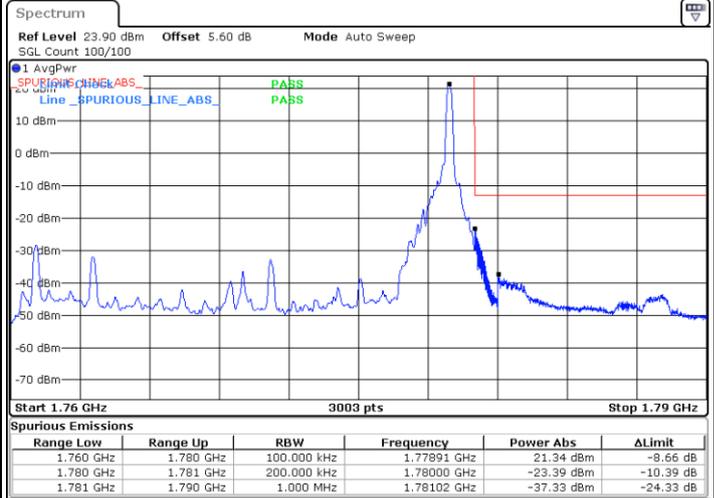
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



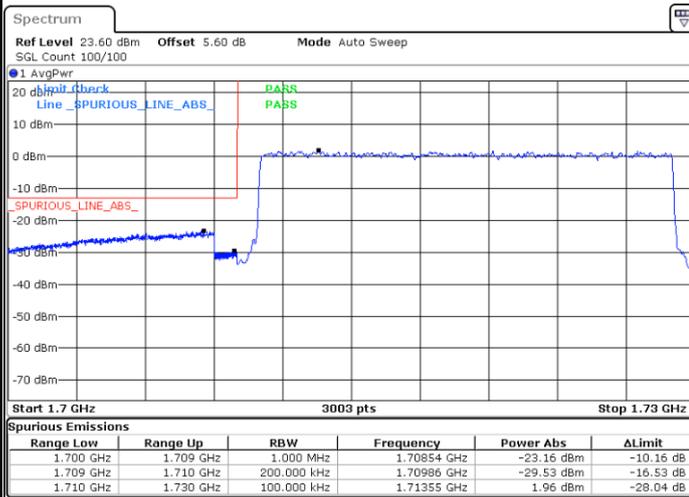
Date: 20 AUG 2021 22:37:05

Highest Band Edge / 1 RB



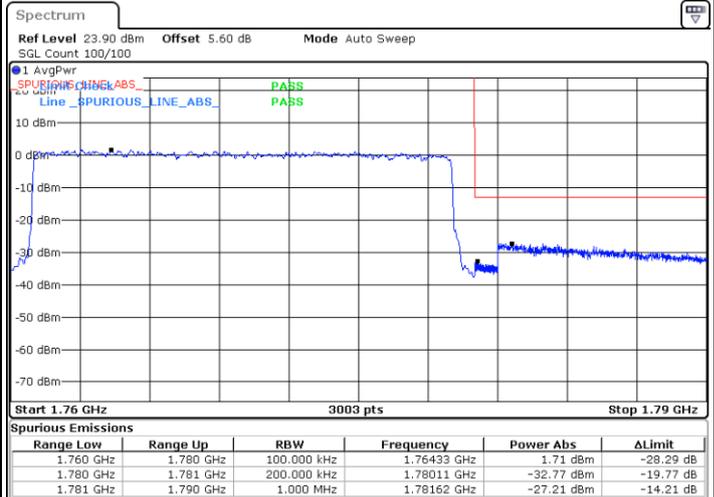
Date: 20 AUG 2021 22:46:27

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:35:42

Highest Band Edge / Full RB

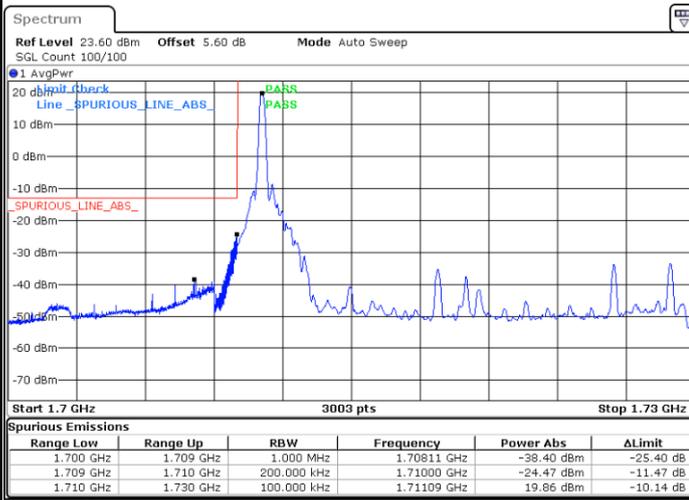


Date: 20 AUG 2021 22:45:27



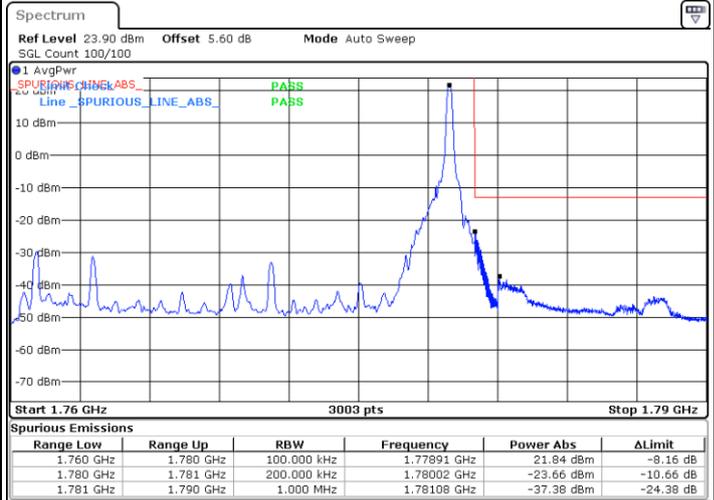
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



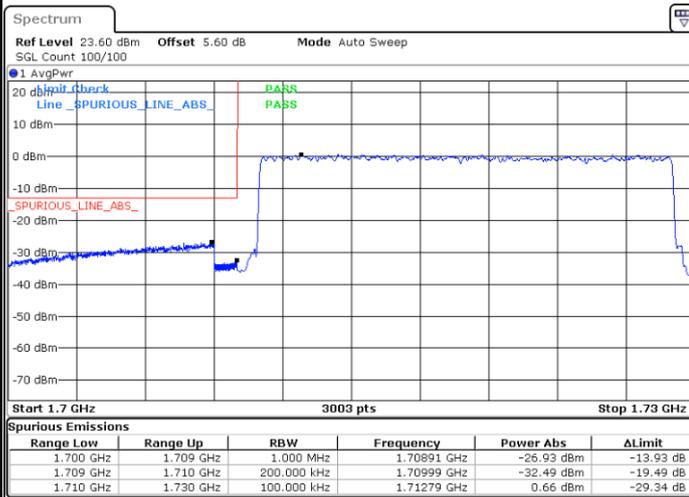
Date: 20 AUG 2021 22:36:47

Highest Band Edge / 1 RB



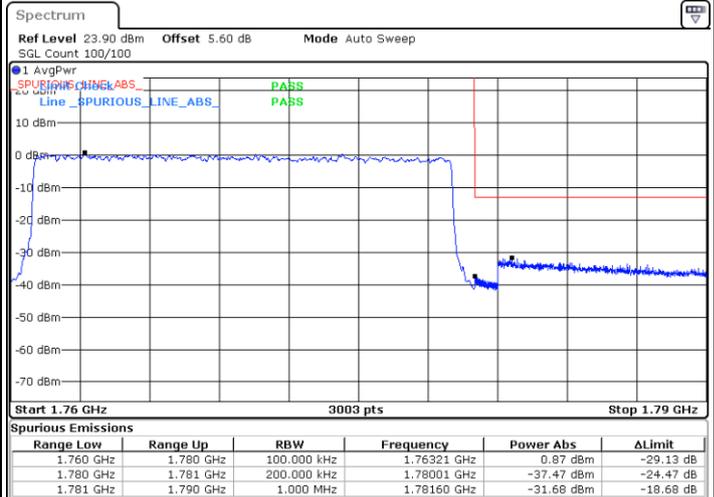
Date: 20 AUG 2021 22:46:39

Lowest Band Edge / Full RB



Date: 20 AUG 2021 22:36:03

Highest Band Edge / Full RB



Date: 20 AUG 2021 22:45:09



Conducted Spurious Emission

