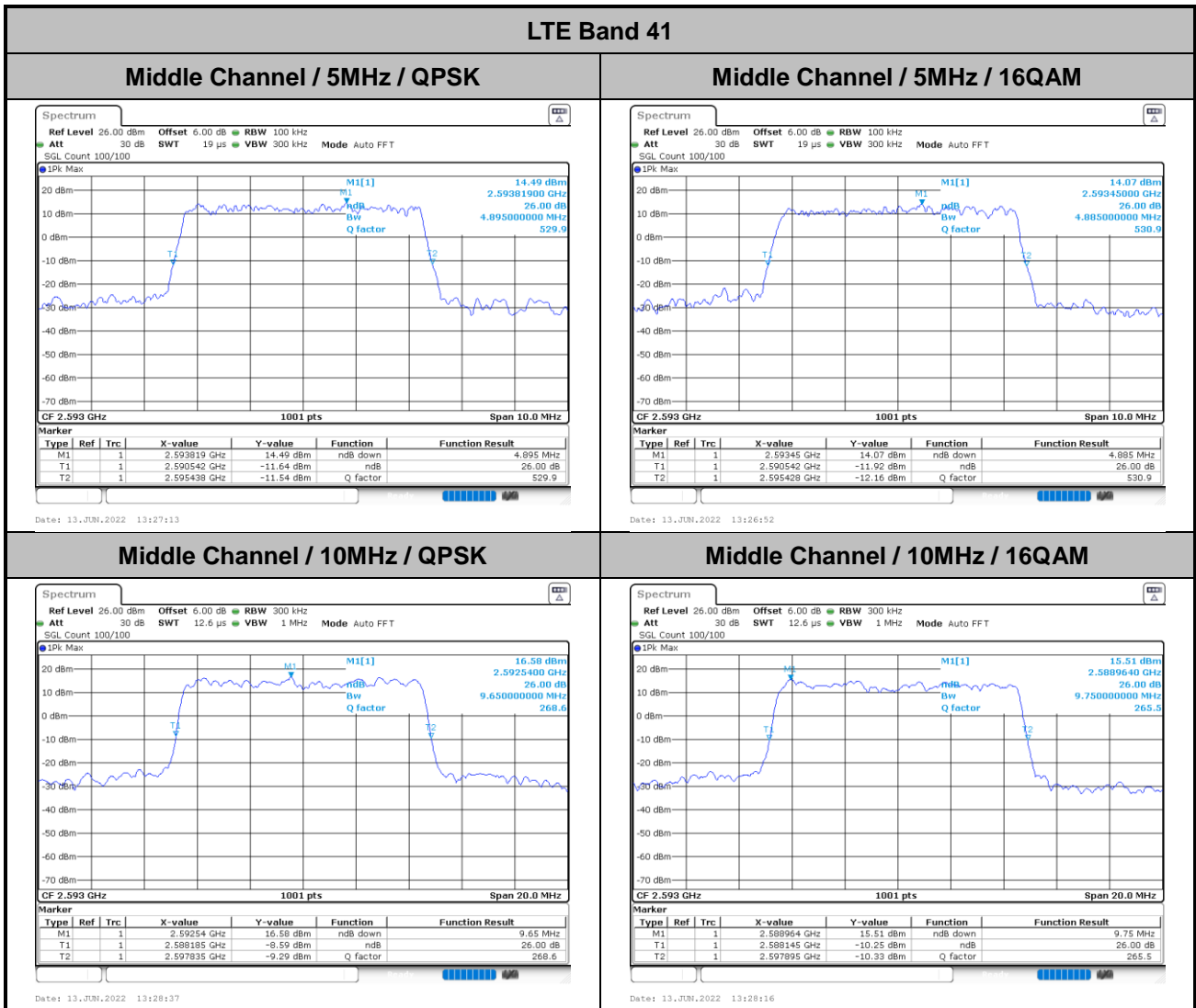




26dB Bandwidth

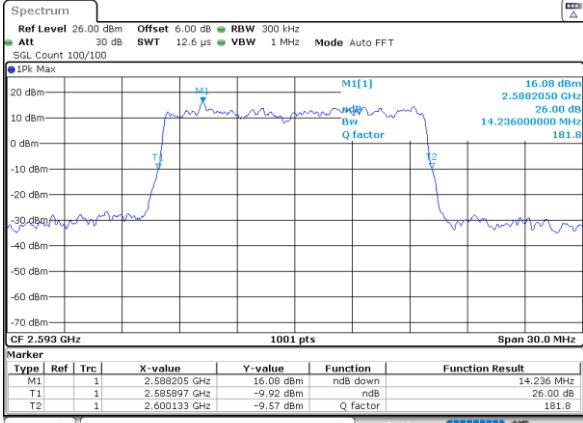
Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.90	4.89	9.65	9.75	14.24	14.15	18.66	18.86





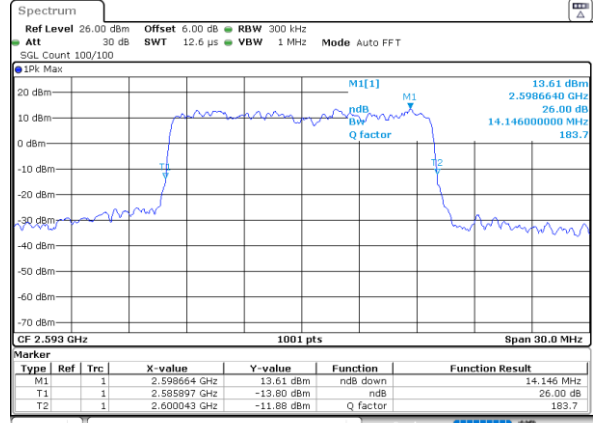
LTE Band 41

Middle Channel / 15MHz / QPSK



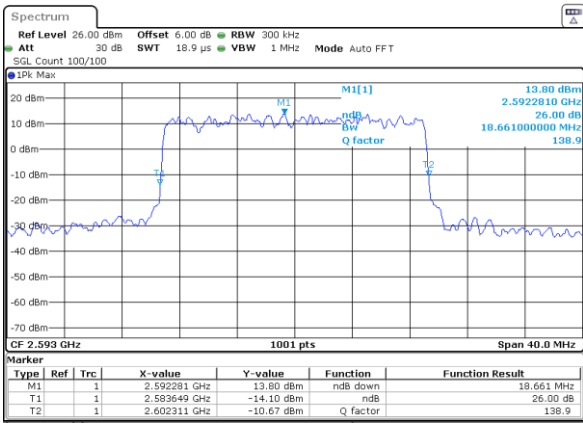
Date: 13 JUN 2022 13:28:58

Middle Channel / 15MHz / 16QAM



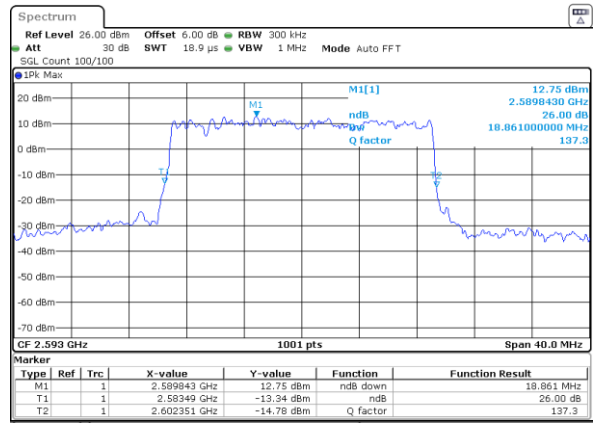
Date: 13 JUN 2022 13:29:19

Middle Channel / 20MHz / QPSK



Date: 13 JUN 2022 13:20:39

Middle Channel / 20MHz / 16QAM

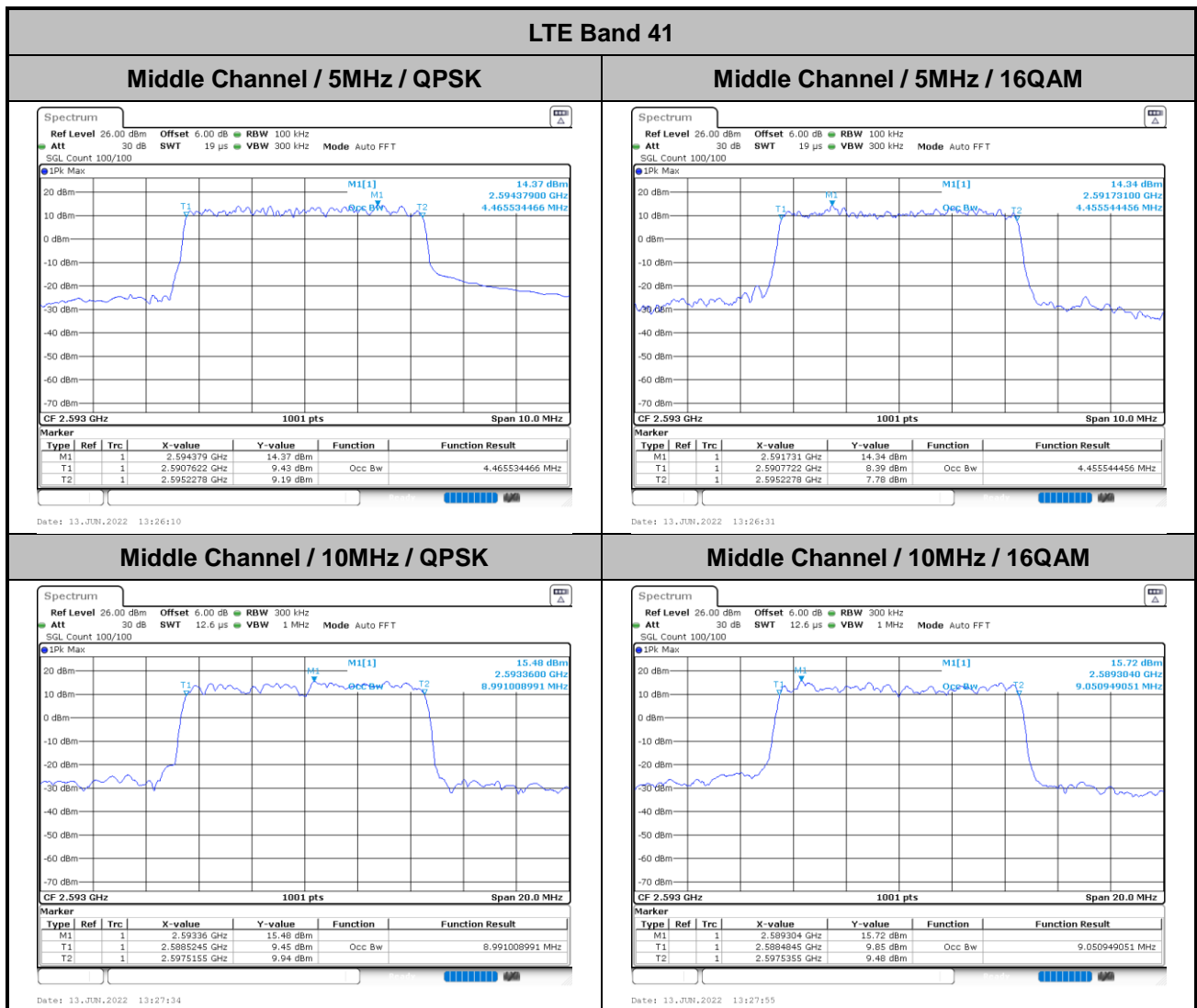


Date: 13 JUN 2022 13:21:42



Occupied Bandwidth

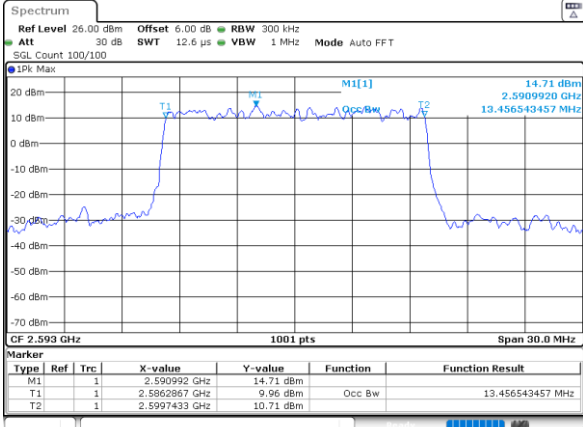
Mode	LTE Band 41 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.47	4.46	8.99	9.05	13.46	13.49	17.90	17.82





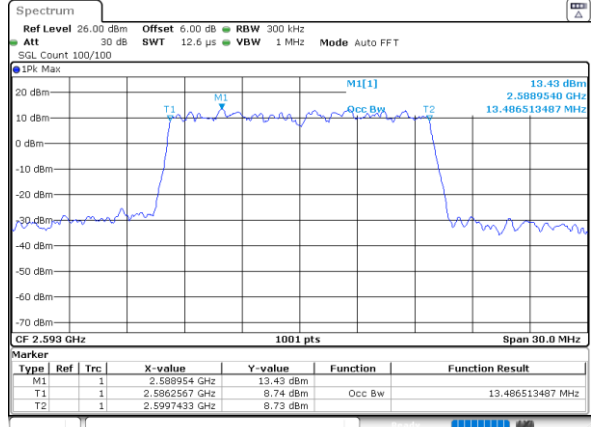
LTE Band 41

Middle Channel / 15MHz / QPSK



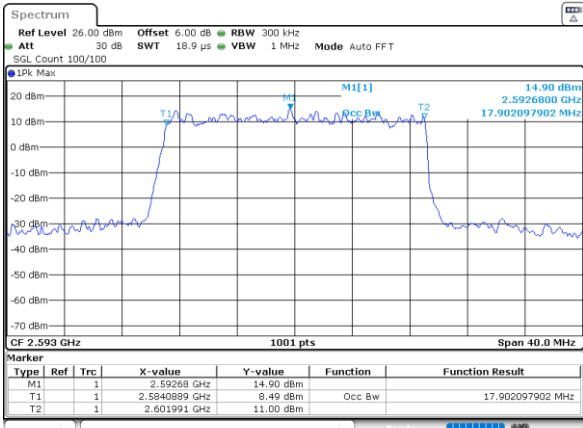
Date: 13 JUN 2022 13:30:00

Middle Channel / 15MHz / 16QAM



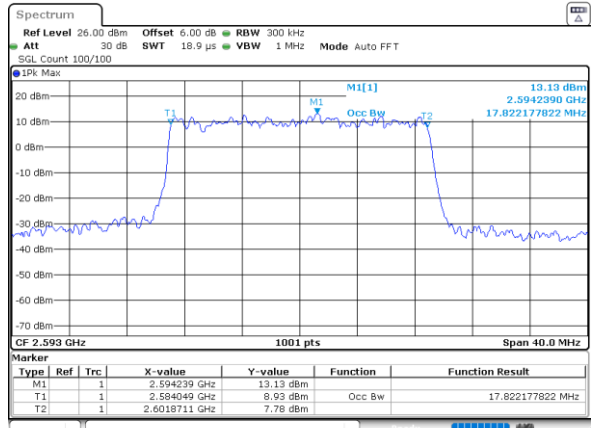
Date: 13 JUN 2022 13:29:40

Middle Channel / 20MHz / QPSK



Date: 13 JUN 2022 13:21:00

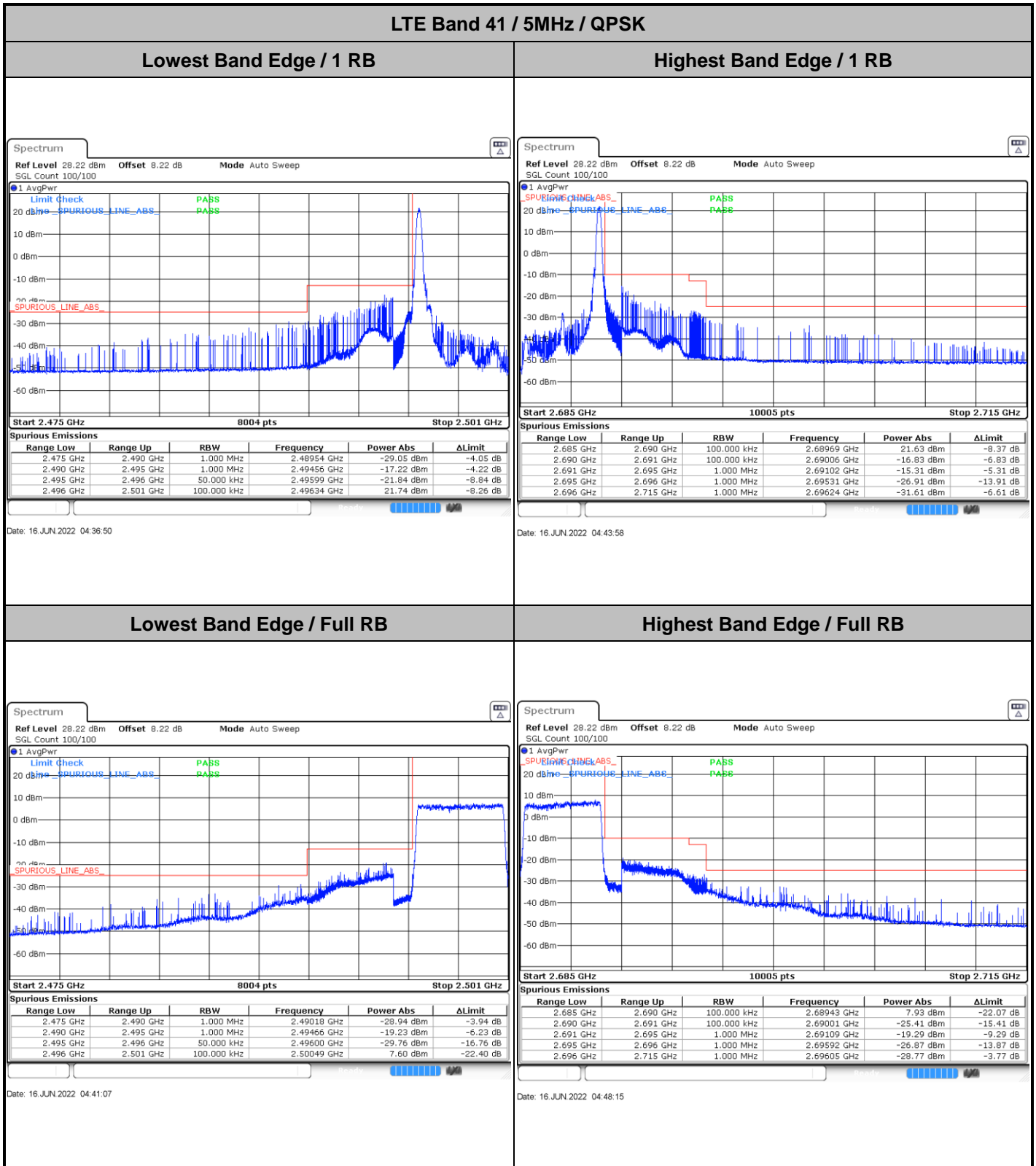
Middle Channel / 20MHz / 16QAM



Date: 13 JUN 2022 13:21:21



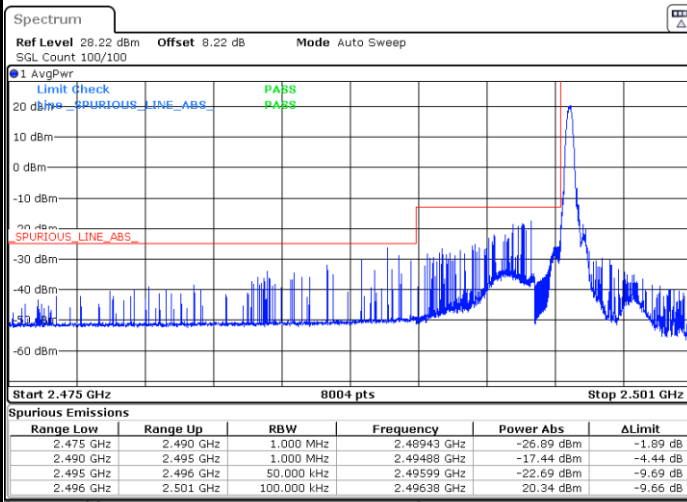
Conducted Band Edge





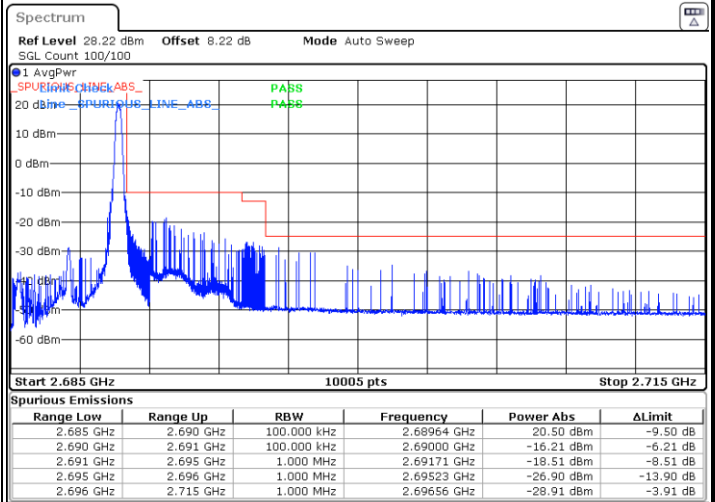
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



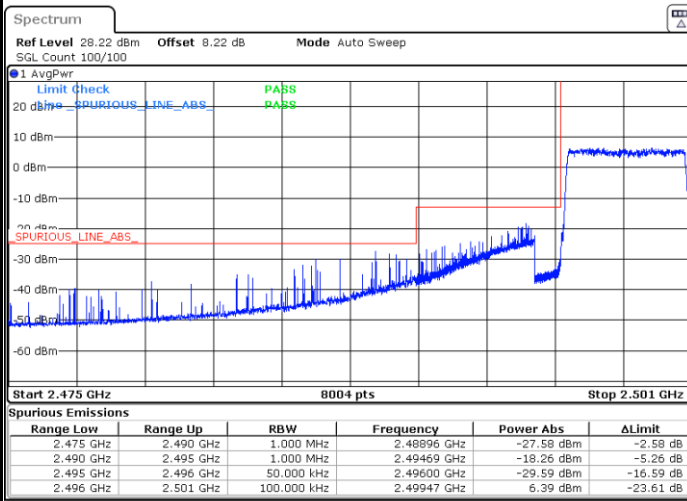
Date: 16 JUN 2022 04:37:42

Highest Band Edge / 1 RB



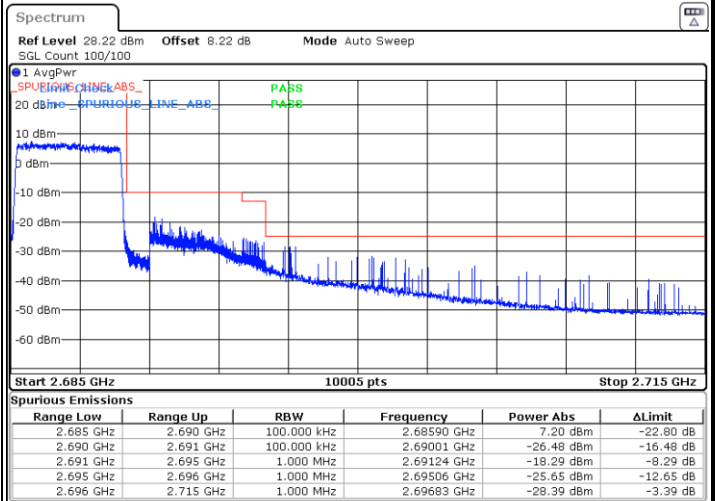
Date: 16 JUN 2022 04:44:49

Lowest Band Edge / Full RB



Date: 16 JUN 2022 04:40:16

Highest Band Edge / Full RB

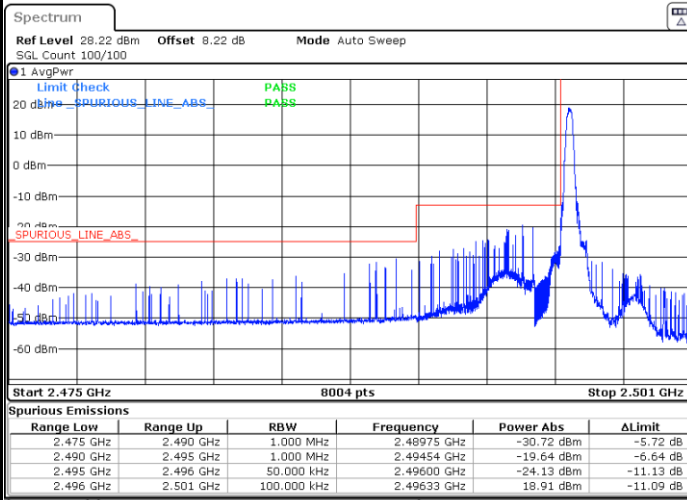


Date: 16 JUN 2022 04:47:23



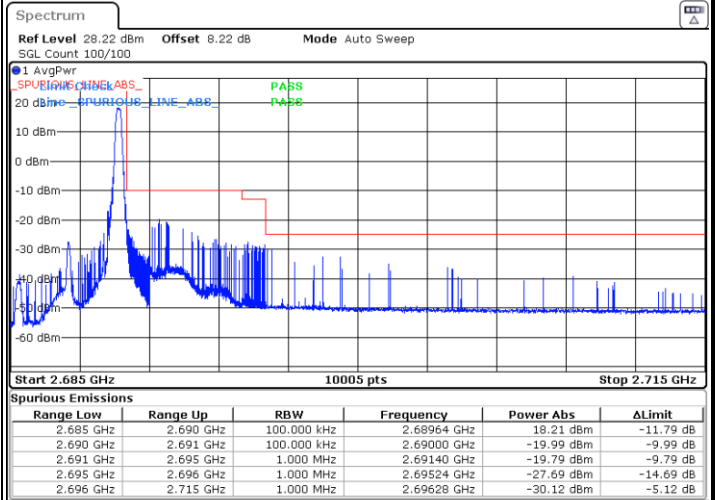
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



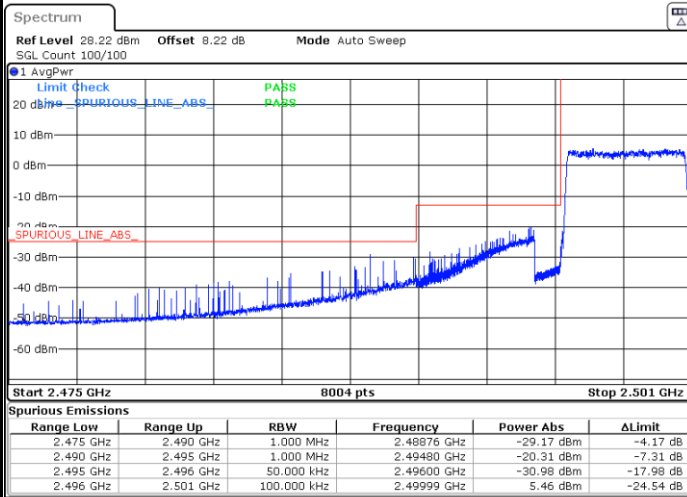
Date: 16 JUN 2022 04:38:33

Highest Band Edge / 1 RB



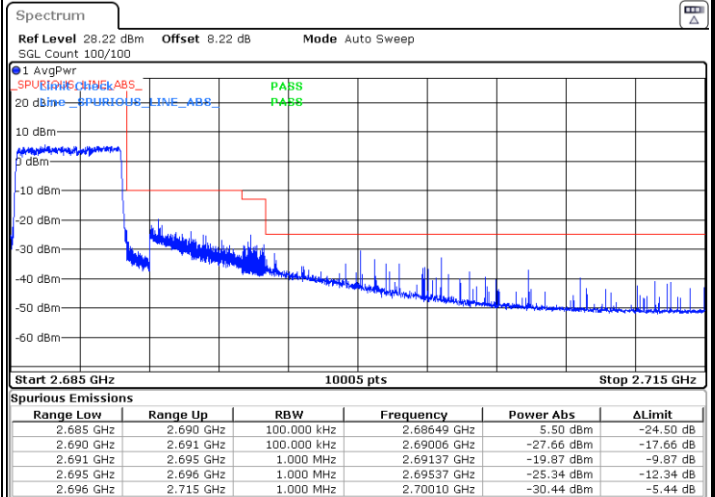
Date: 16 JUN 2022 04:45:40

Lowest Band Edge / Full RB



Date: 16 JUN 2022 04:39:24

Highest Band Edge / Full RB

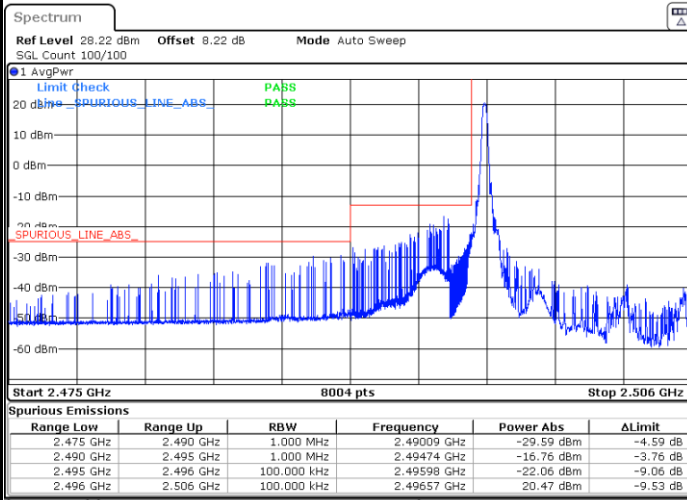


Date: 16 JUN 2022 04:46:31



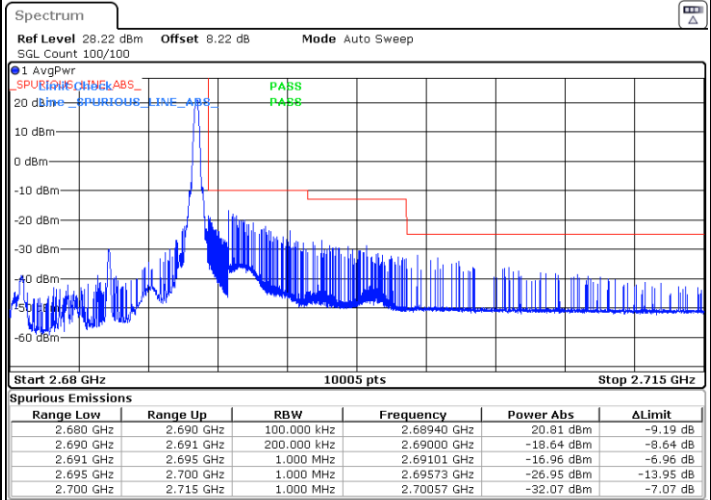
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



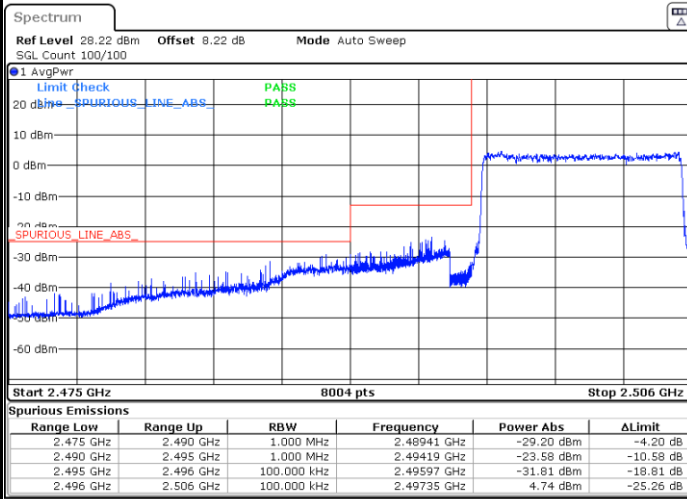
Date: 16 JUN 2022 04:50:08

Highest Band Edge / 1 RB



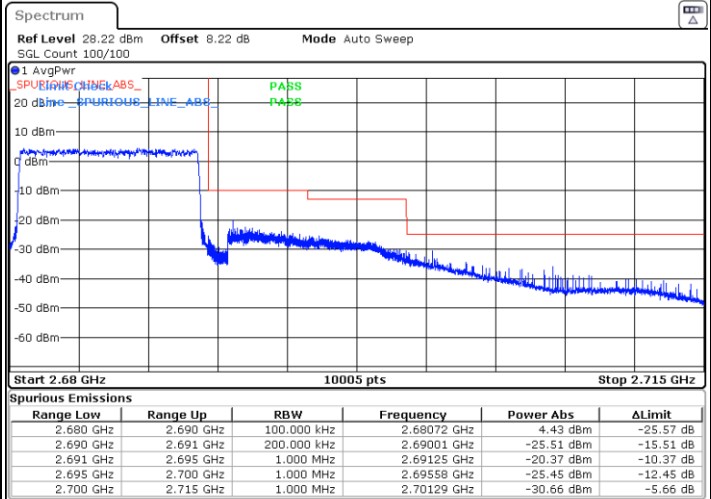
Date: 16 JUN 2022 04:57:14

Lowest Band Edge / Full RB



Date: 16 JUN 2022 04:54:24

Highest Band Edge / Full RB

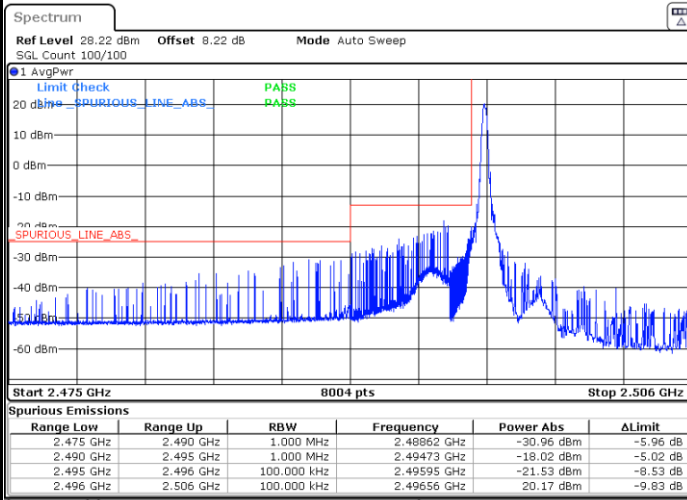


Date: 16 JUN 2022 05:01:30



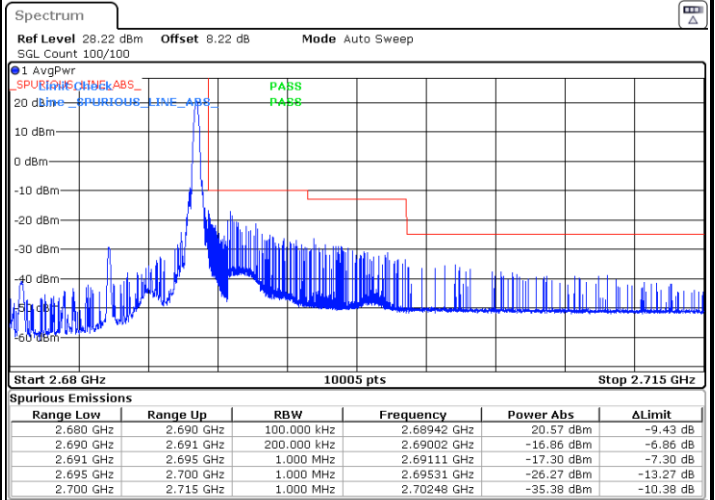
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



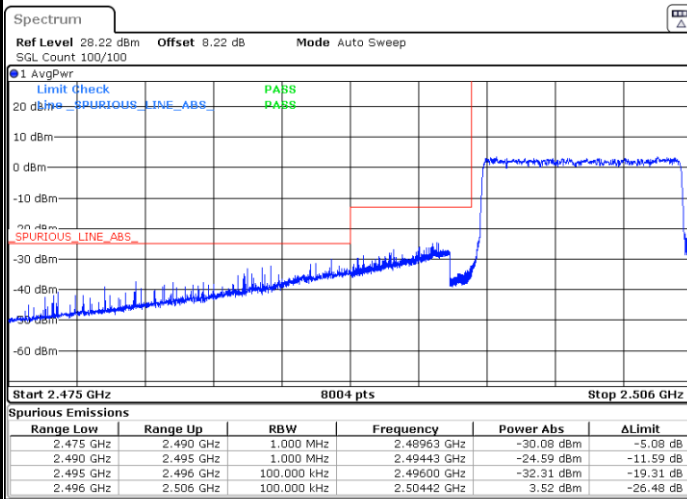
Date: 16 JUN 2022 04:50:59

Highest Band Edge / 1 RB



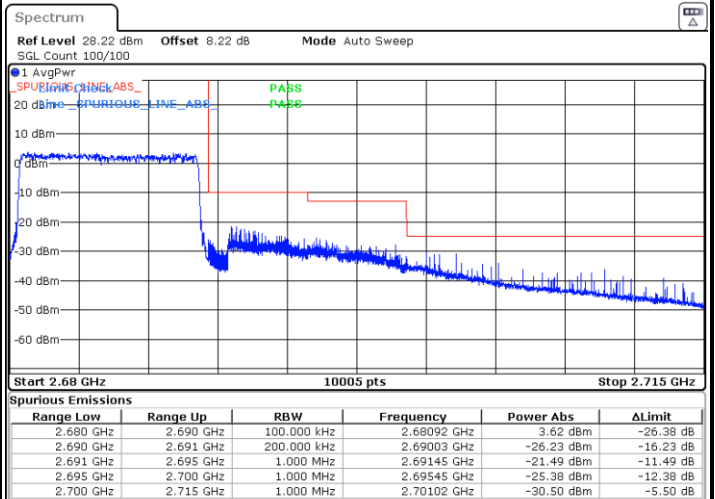
Date: 16 JUN 2022 04:58:06

Lowest Band Edge / Full RB



Date: 16 JUN 2022 04:53:33

Highest Band Edge / Full RB

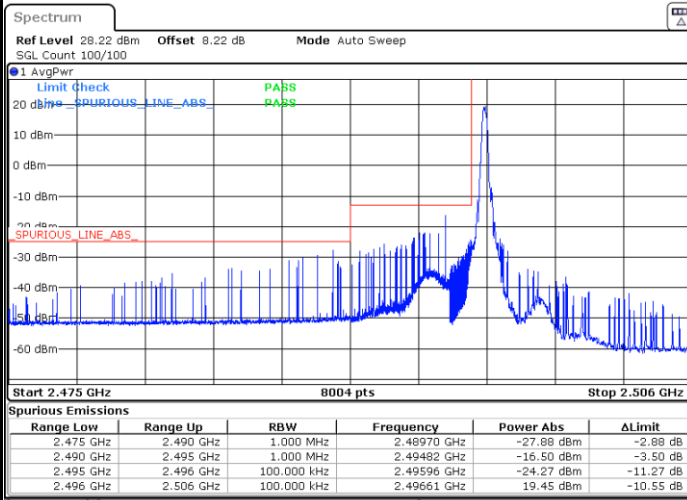


Date: 16 JUN 2022 05:00:39



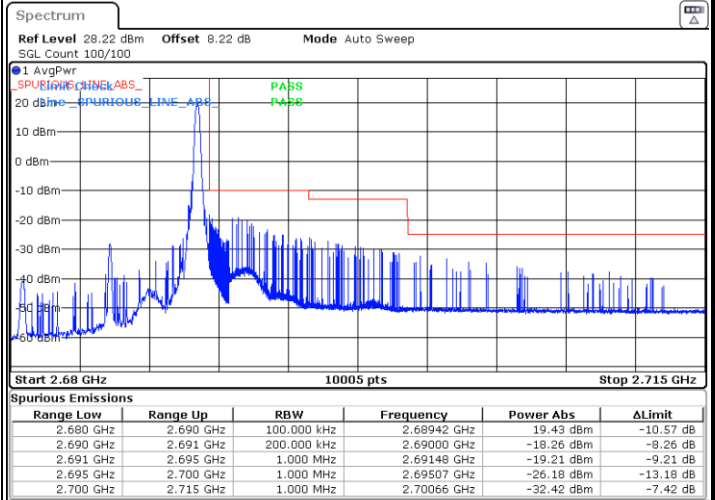
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



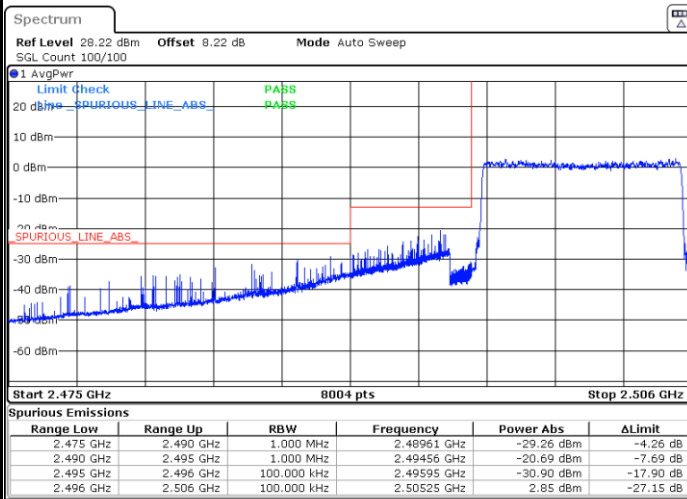
Date: 16 JUN 2022 04:51:50

Highest Band Edge / 1 RB



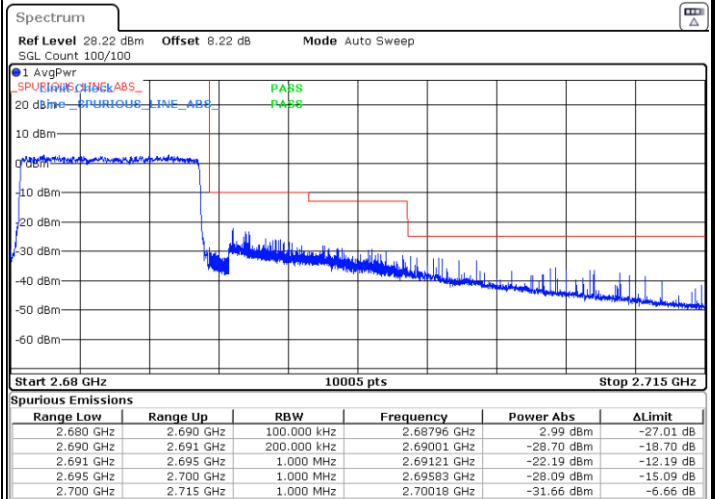
Date: 16 JUN 2022 04:58:57

Lowest Band Edge / Full RB



Date: 16 JUN 2022 04:52:41

Highest Band Edge / Full RB

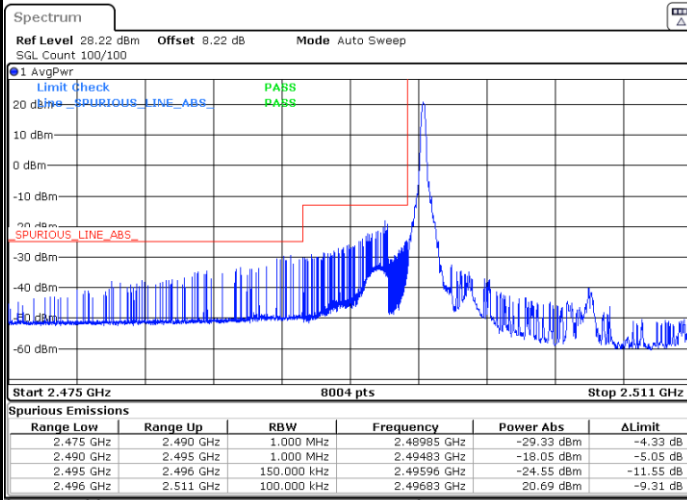


Date: 16 JUN 2022 04:59:48



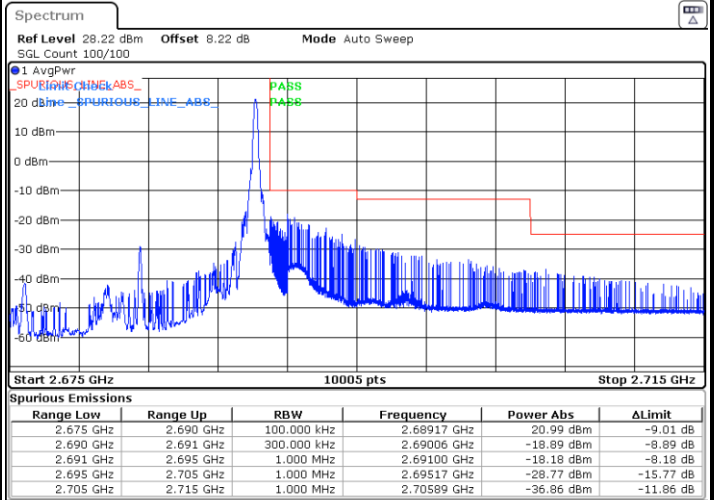
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



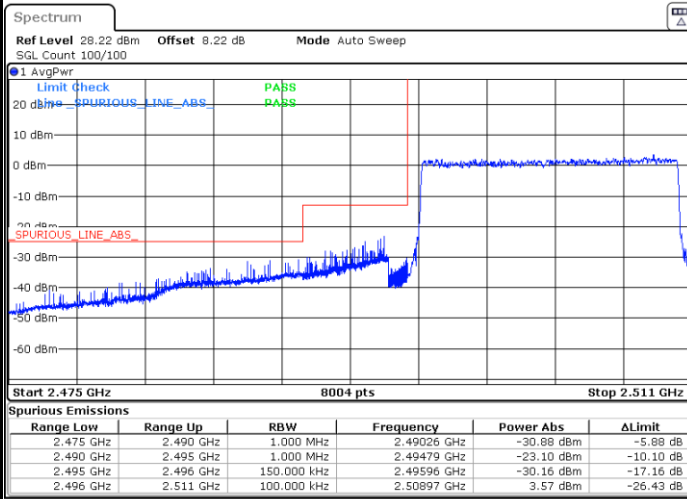
Date: 16 JUN 2022 05:03:23

Highest Band Edge / 1 RB



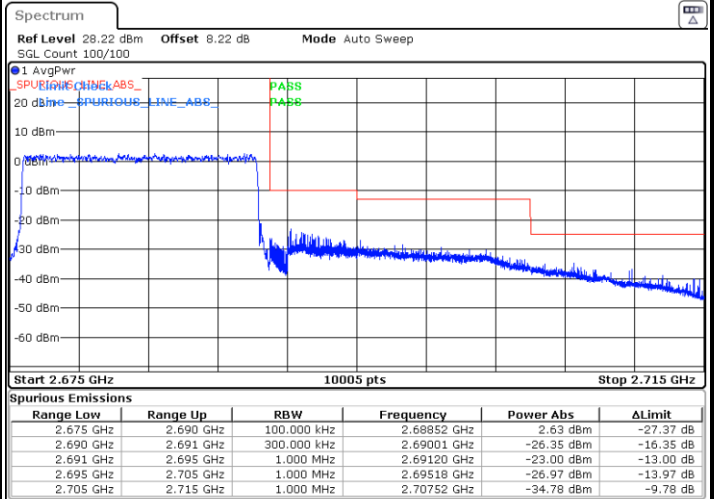
Date: 16 JUN 2022 05:11:13

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:07:40

Highest Band Edge / Full RB

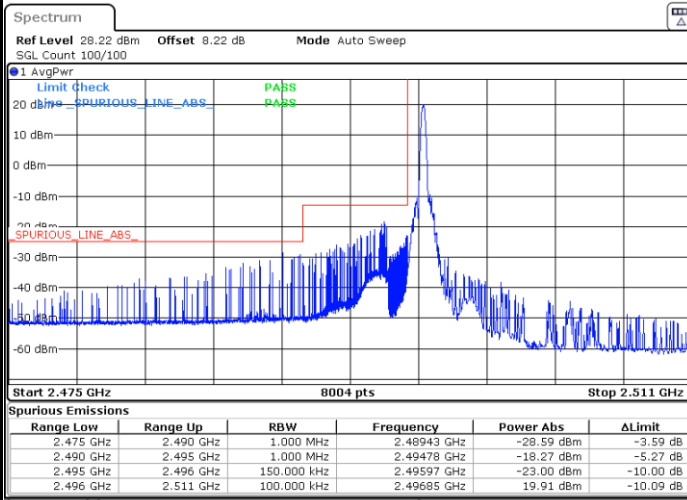


Date: 16 JUN 2022 05:15:30



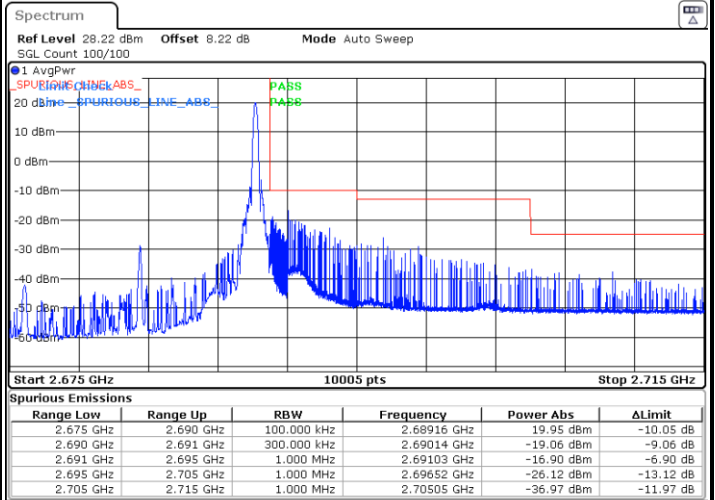
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



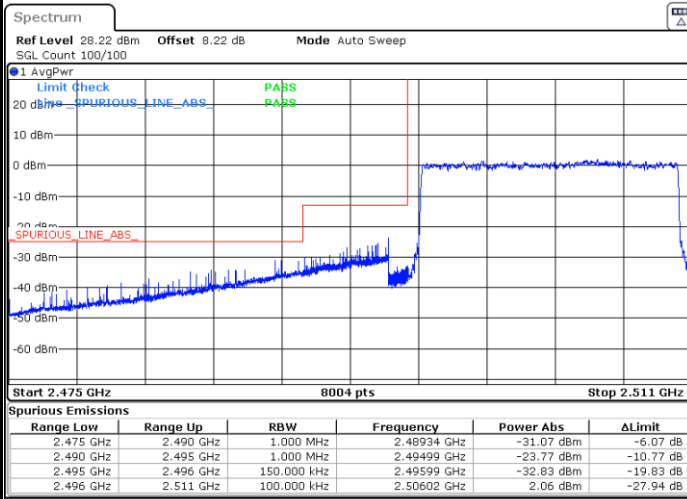
Date: 16 JUN 2022 05:04:14

Highest Band Edge / 1 RB



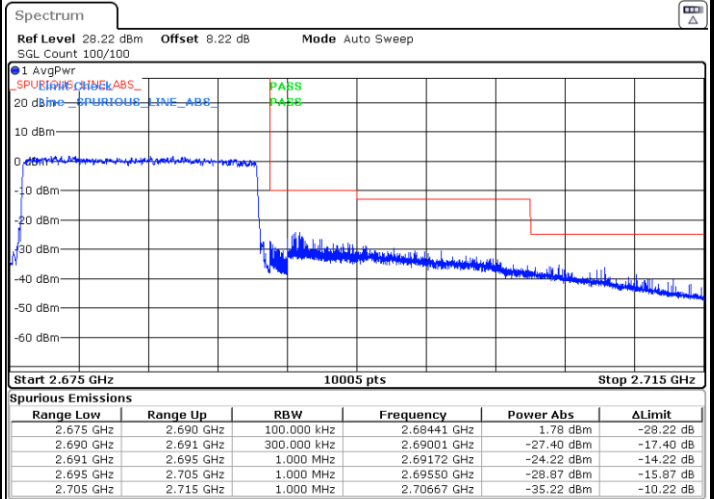
Date: 16 JUN 2022 05:12:04

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:06:48

Highest Band Edge / Full RB

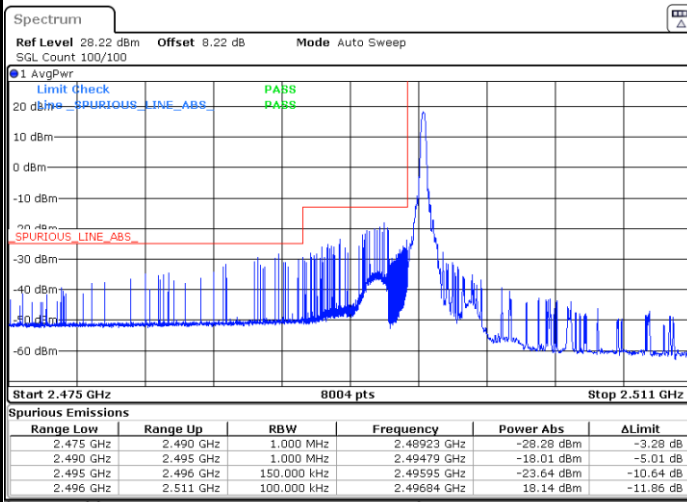


Date: 16 JUN 2022 05:14:38



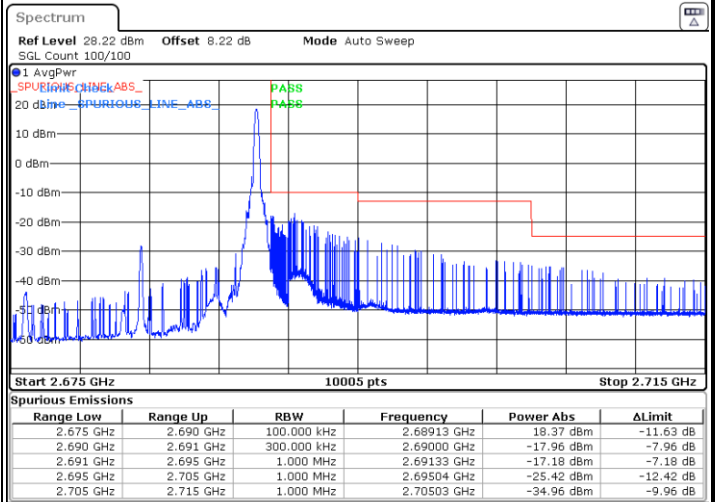
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



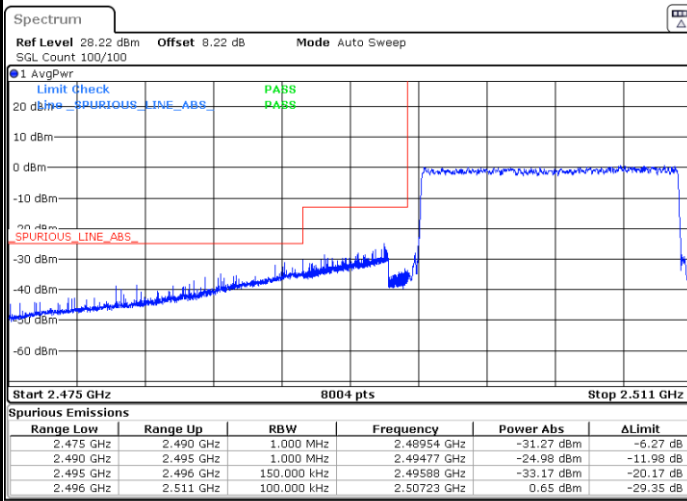
Date: 16 JUN 2022 05:05:06

Highest Band Edge / 1 RB



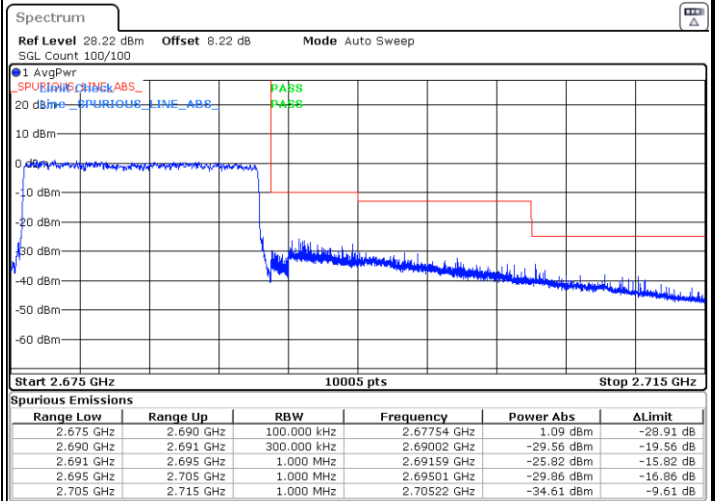
Date: 16 JUN 2022 05:12:56

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:05:57

Highest Band Edge / Full RB

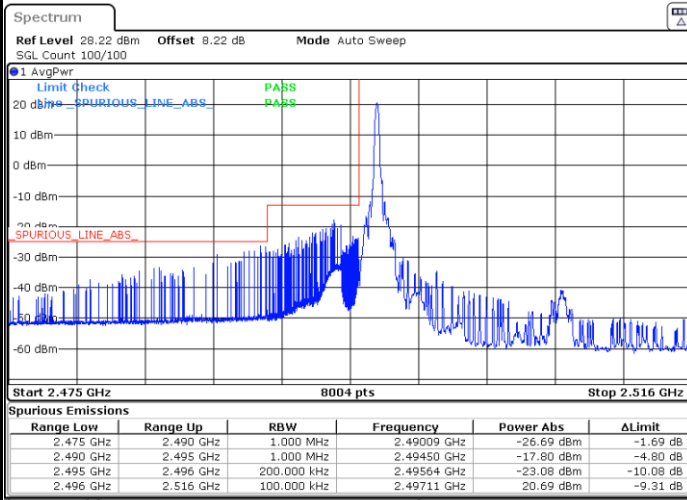


Date: 16 JUN 2022 05:13:47



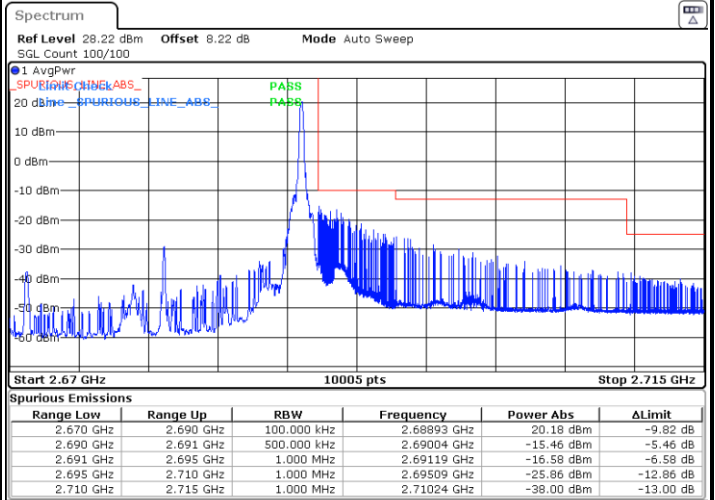
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



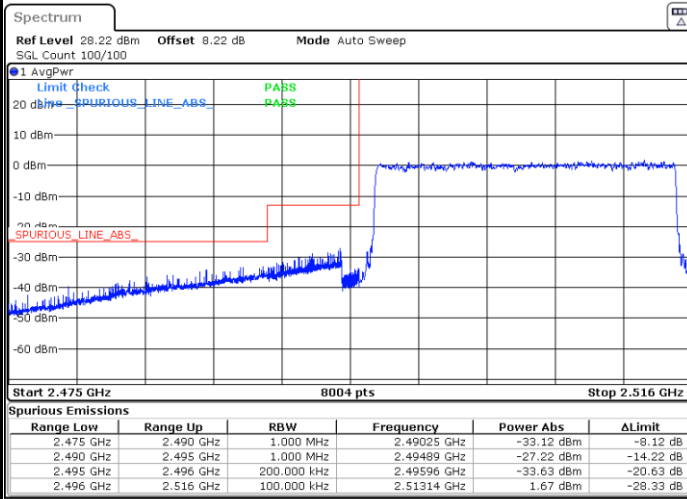
Date: 16 JUN 2022 05:17:45

Highest Band Edge / 1 RB



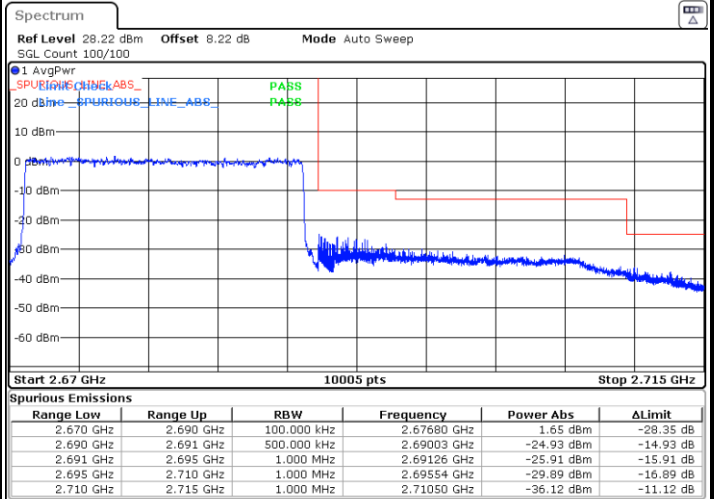
Date: 16 JUN 2022 05:25:37

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:22:03

Highest Band Edge / Full RB

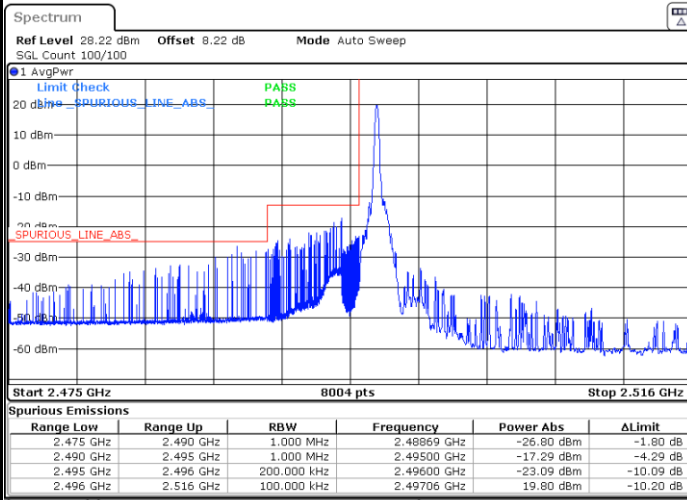


Date: 16 JUN 2022 05:29:52



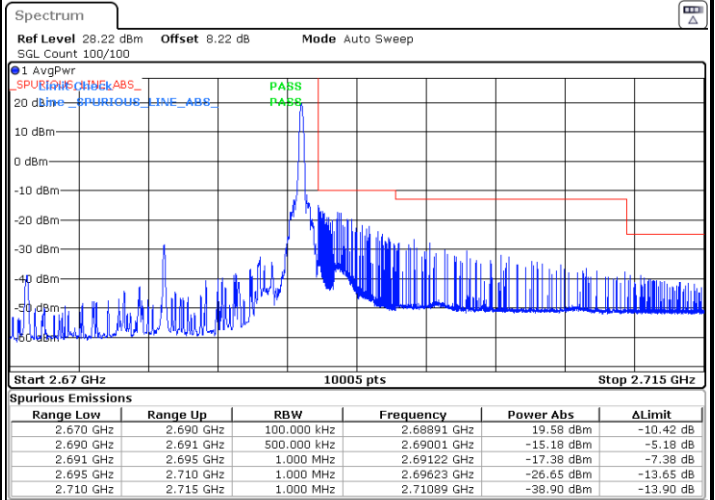
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



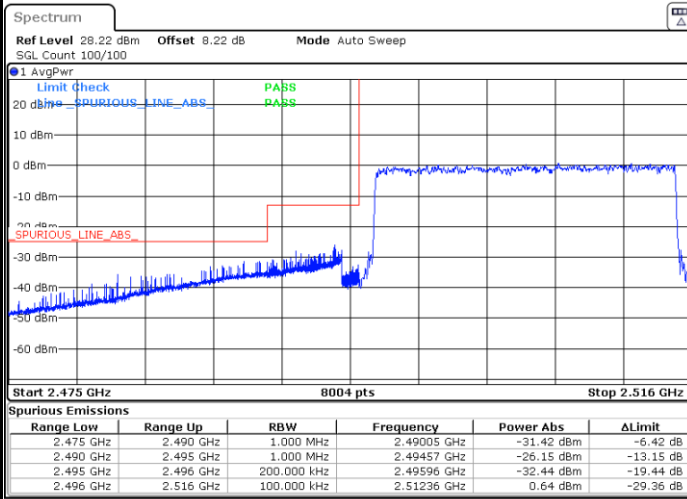
Date: 16 JUN 2022 05:18:37

Highest Band Edge / 1 RB



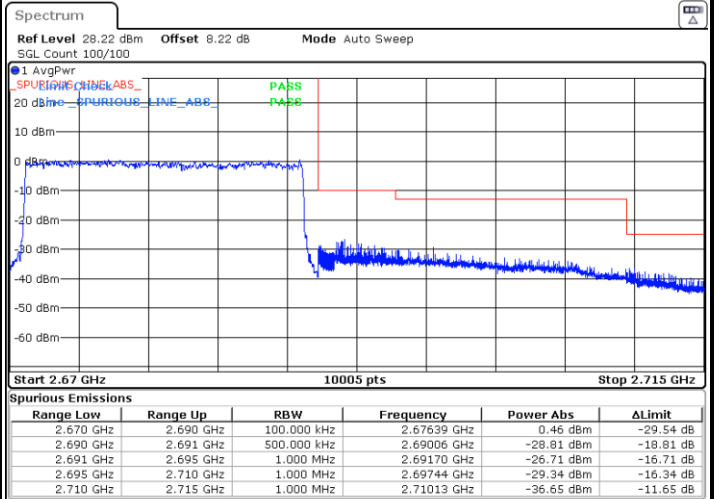
Date: 16 JUN 2022 05:26:28

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:21:12

Highest Band Edge / Full RB

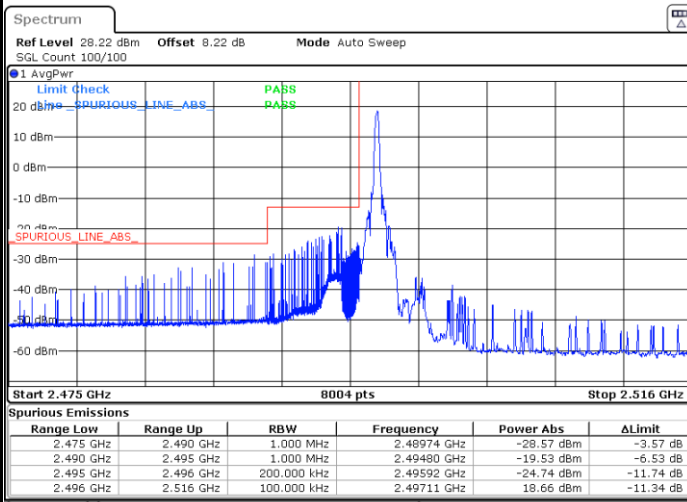


Date: 16 JUN 2022 05:29:01



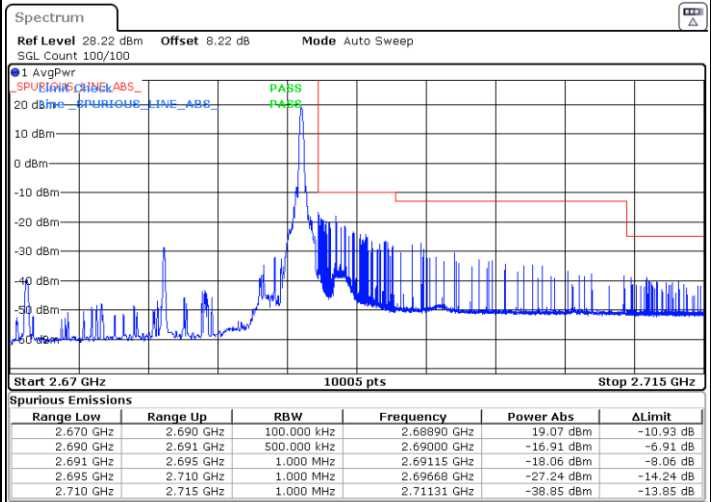
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



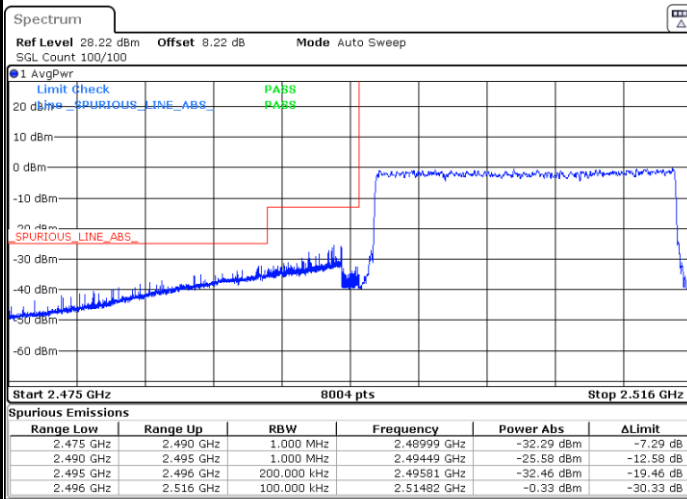
Date: 16 JUN 2022 05:19:28

Highest Band Edge / 1 RB



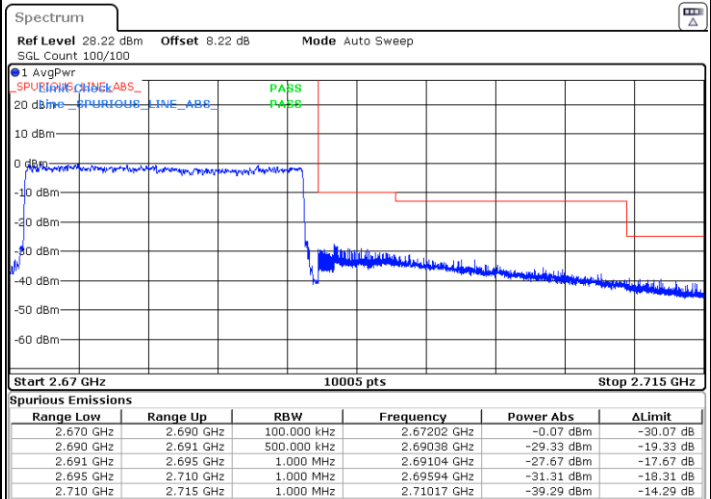
Date: 16 JUN 2022 05:27:19

Lowest Band Edge / Full RB



Date: 16 JUN 2022 05:20:19

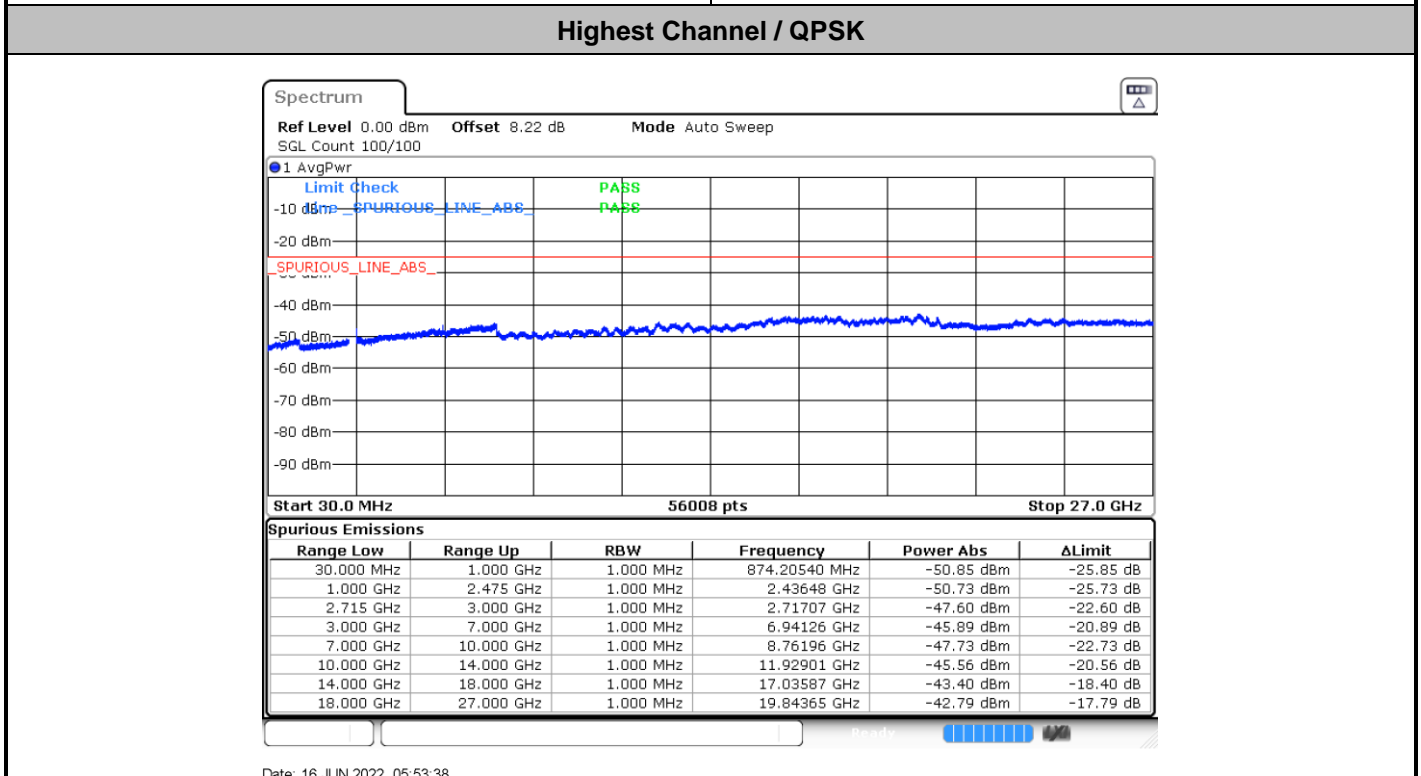
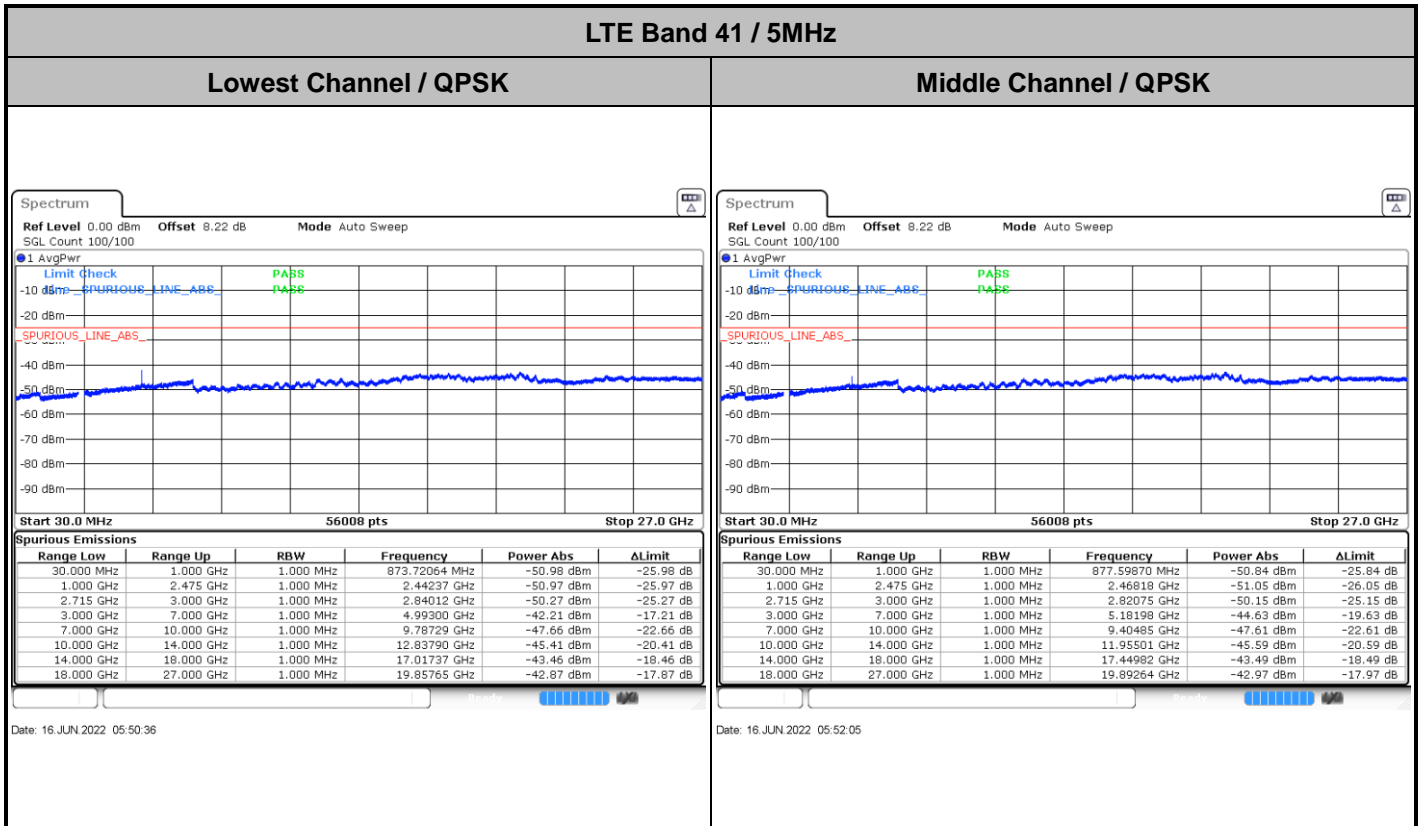
Highest Band Edge / Full RB



Date: 16 JUN 2022 05:28:10



Conducted Spurious Emission

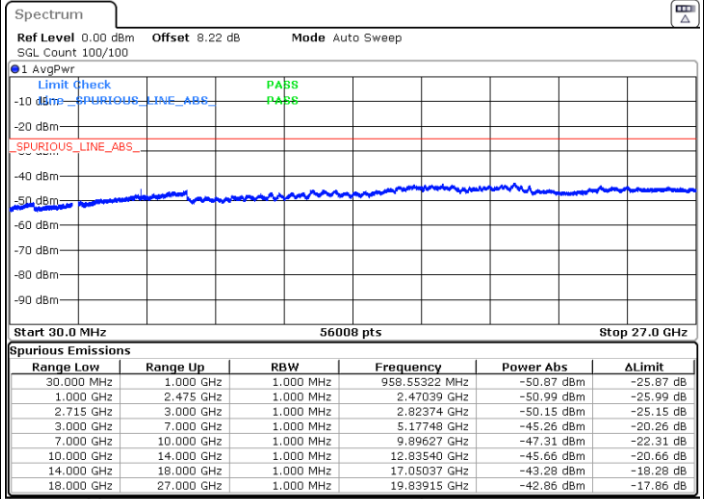
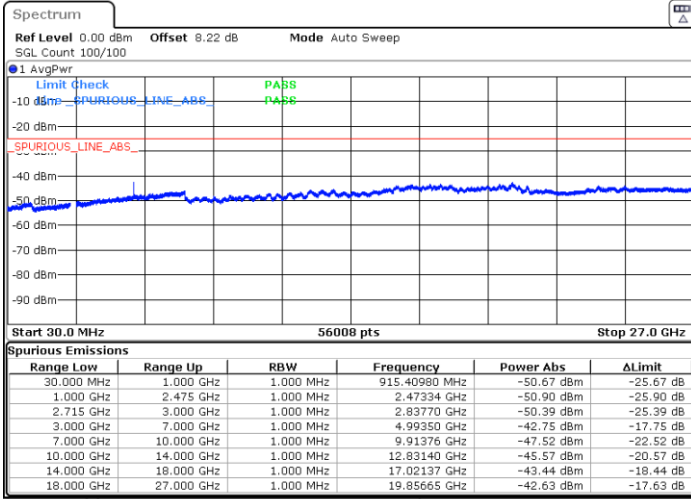




LTE Band 41 / 10MHz

Lowest Channel / QPSK

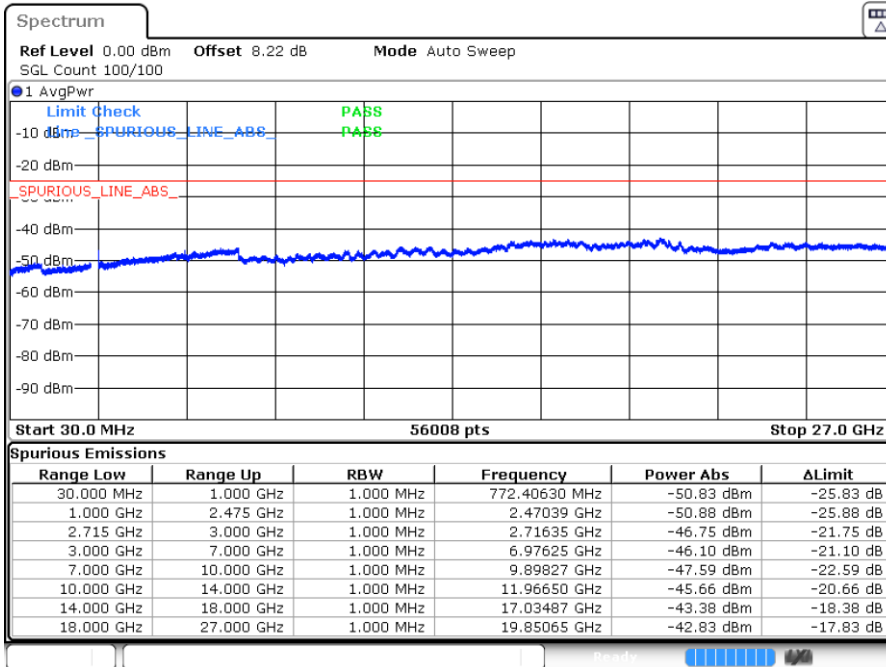
Middle Channel / QPSK



Date: 16 JUN 2022 05:45:14

Date: 16 JUN 2022 05:47:01

Highest Channel / QPSK



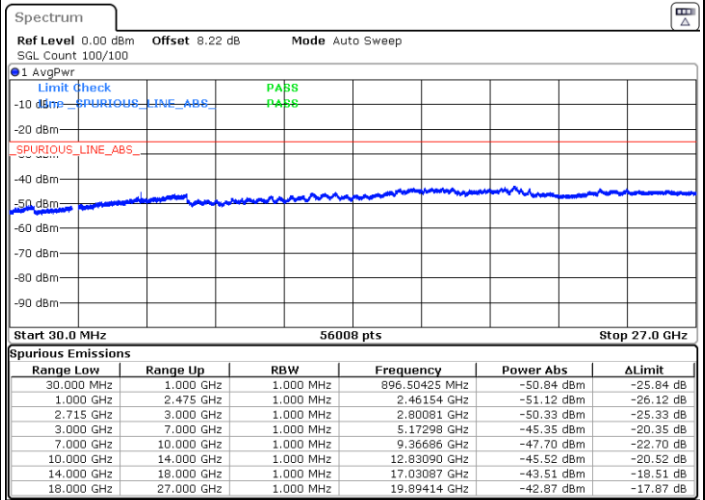
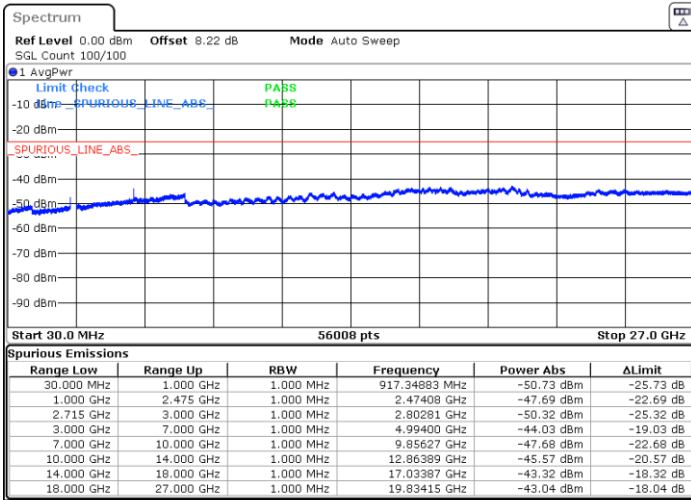
Date: 16 JUN 2022 05:48:32



LTE Band 41 / 15MHz

Lowest Channel / QPSK

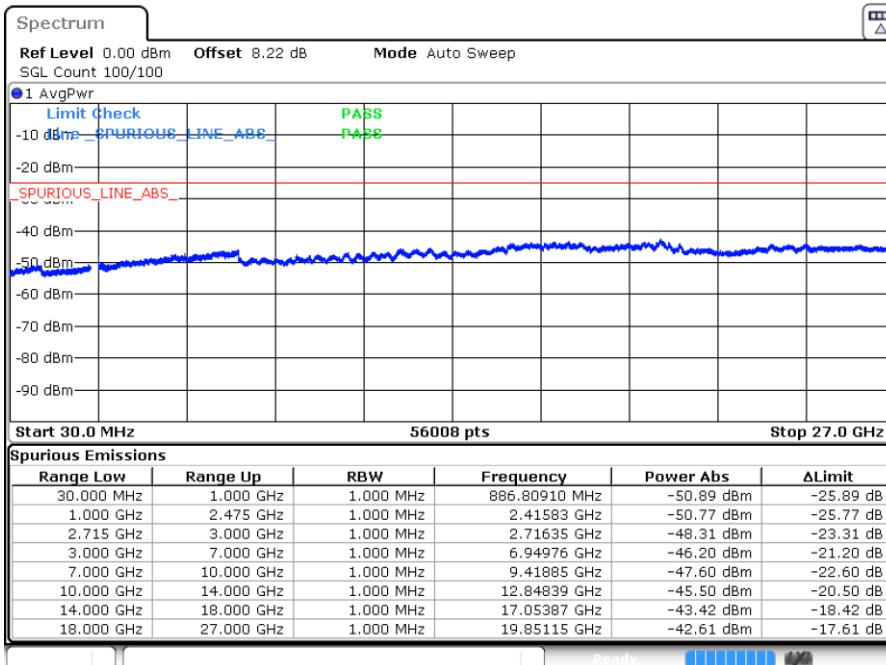
Middle Channel / QPSK



Date: 16 JUN 2022 05:43:13

Date: 16 JUN 2022 05:09:00

Highest Channel / QPSK



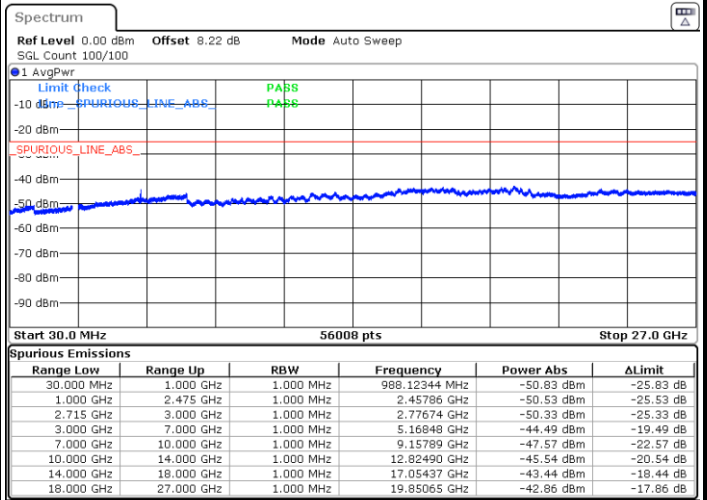
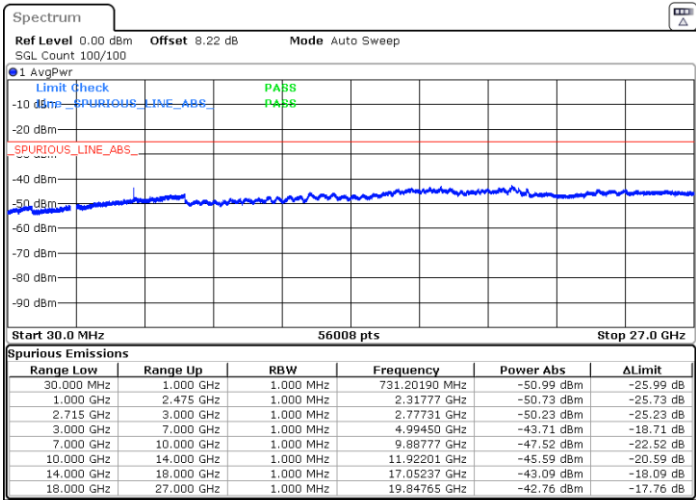
Date: 16 JUN 2022 05:10:21



LTE Band 41 / 20MHz

Lowest Channel / QPSK

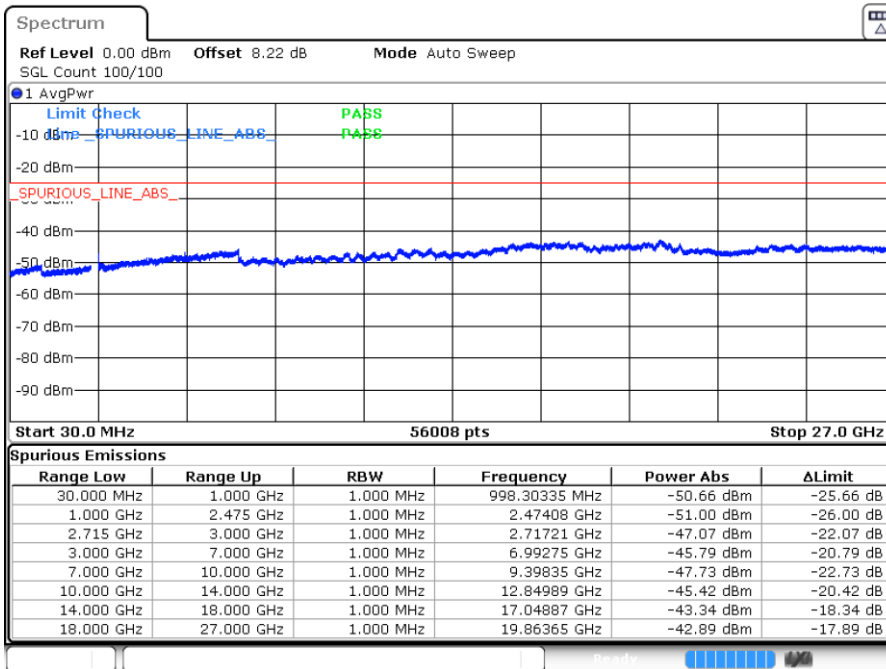
Middle Channel / QPSK



Date: 16 JUN 2022 05:16:53

Date: 16 JUN 2022 05:23:24

Highest Channel / QPSK



Date: 16 JUN 2022 05:24:45



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0016	

Note:

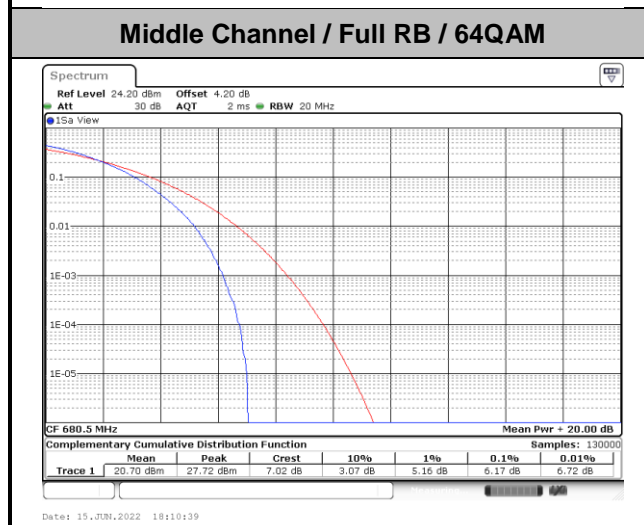
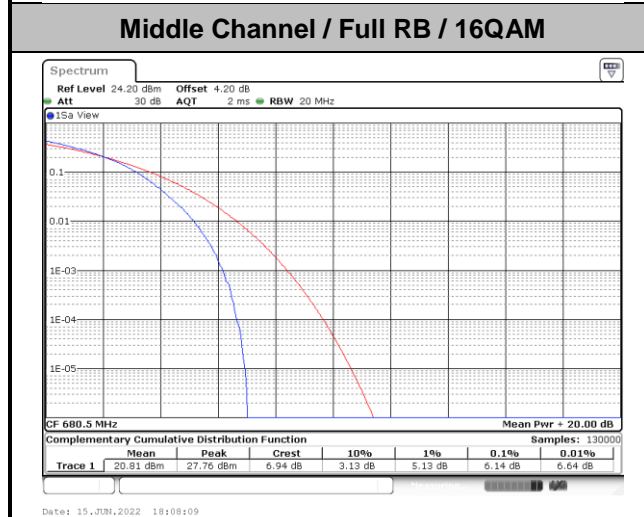
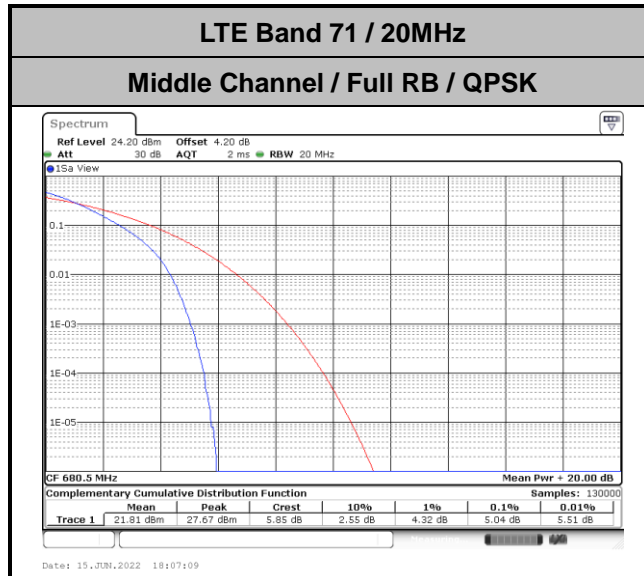
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

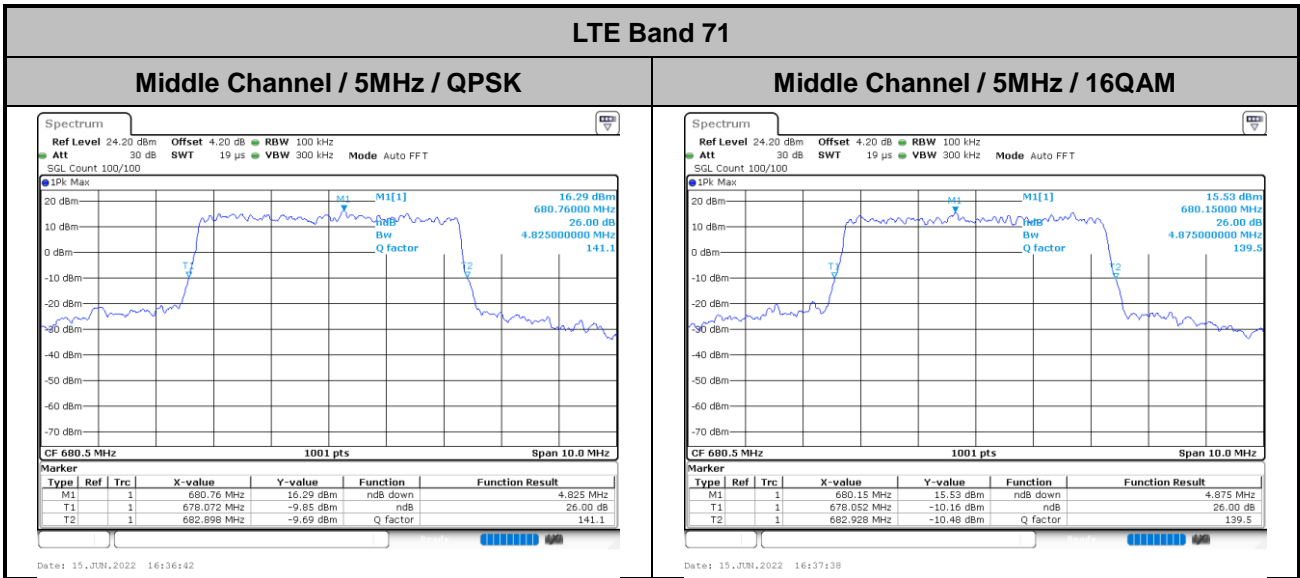
Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.14	6.17	PASS





26dB Bandwidth

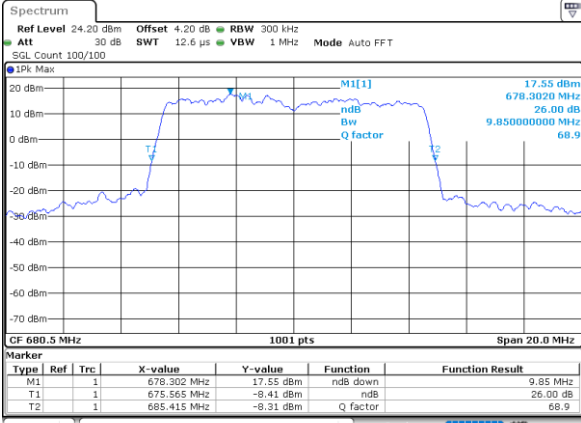
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.83	4.88
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.85	9.85
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.36	14.30
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	18.66





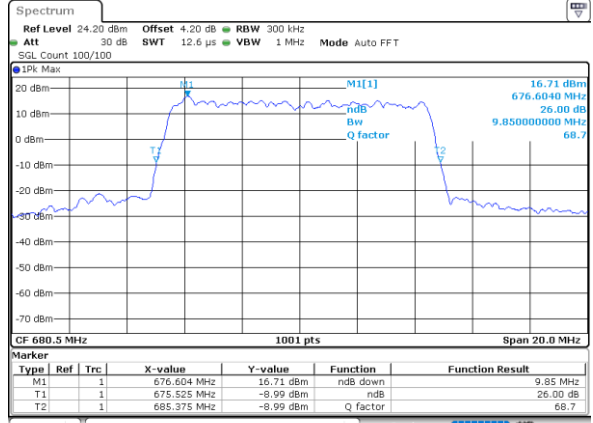
LTE Band 71

Middle Channel / 10MHz / QPSK



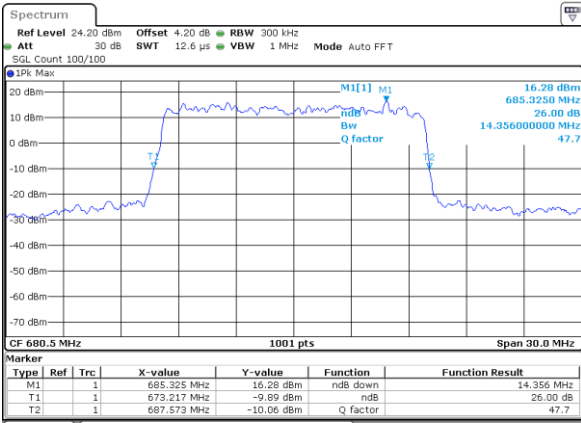
Date: 15 JUN 2022 16:57:30

Middle Channel / 10MHz / 16QAM



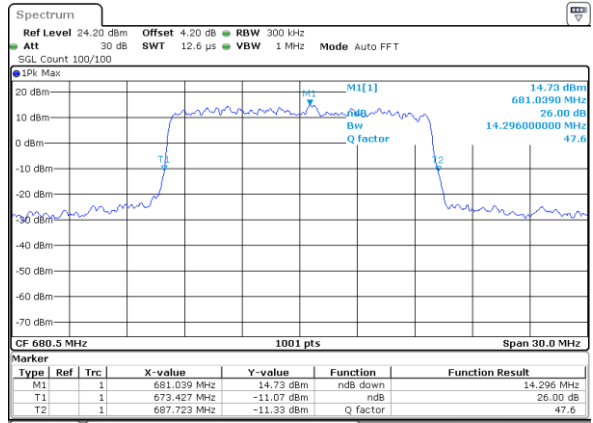
Date: 15 JUN 2022 16:58:25

Middle Channel / 15MHz / QPSK



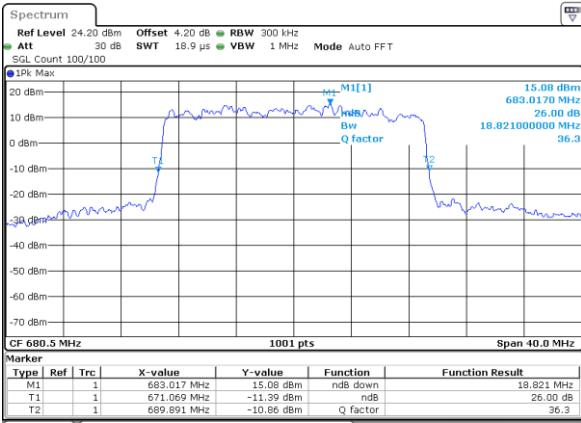
Date: 15 JUN 2022 17:17:40

Middle Channel / 15MHz / 16QAM



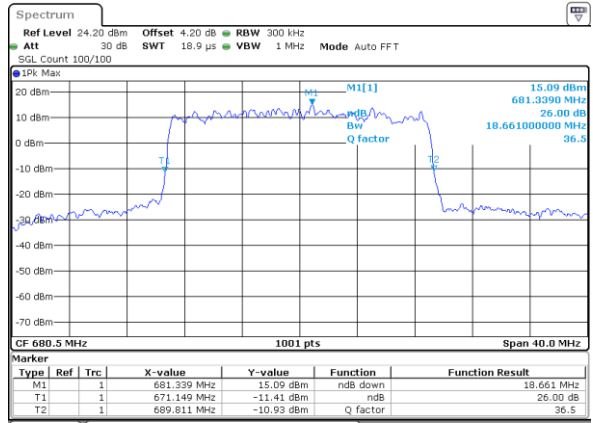
Date: 15 JUN 2022 17:19:33

Middle Channel / 20MHz / QPSK



Date: 15 JUN 2022 18:05:58

Middle Channel / 20MHz / 16QAM



Date: 15 JUN 2022 18:09:47



Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.48
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	8.99
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.49
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.82

