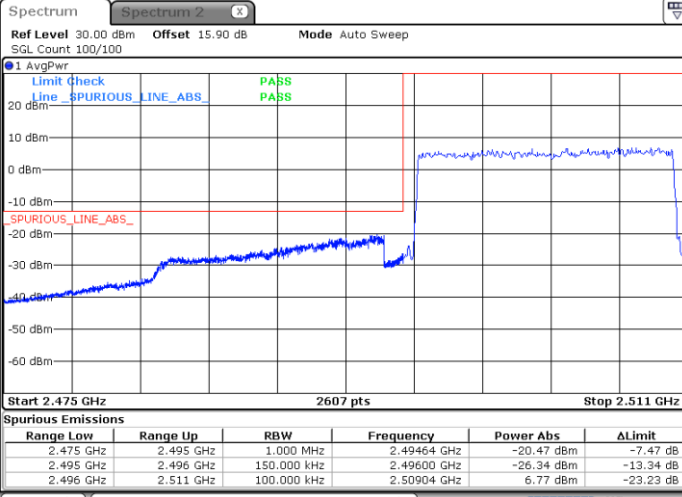




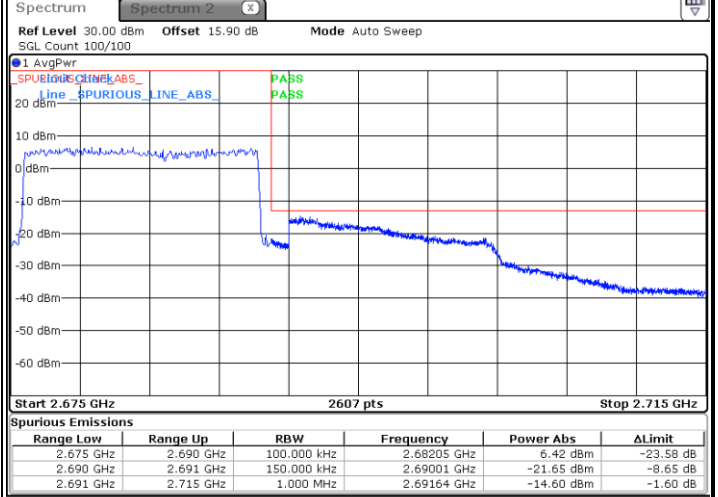
4G-LTE Band 41 (PC2) / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 5.SEP.2023 17:04:57

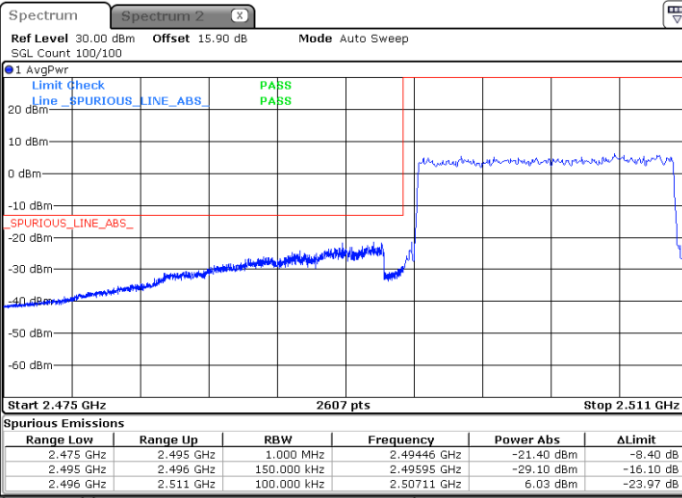
Highest Band Edge / Full RB



Date: 5.SEP.2023 17:11:58

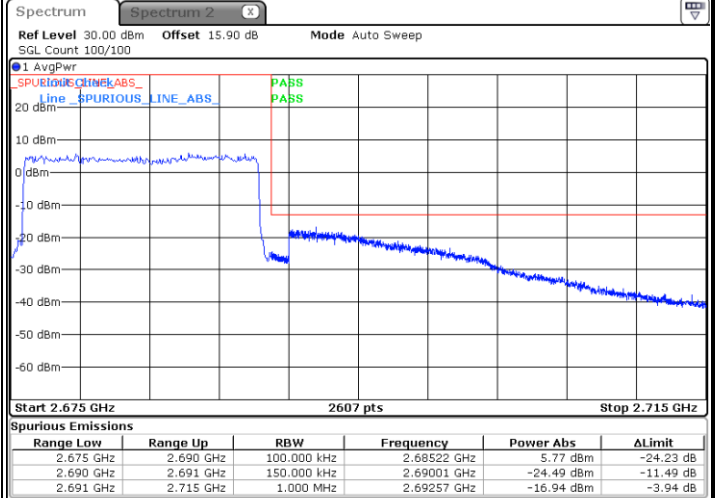
4G-LTE Band 41 (PC2) / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 5.SEP.2023 17:05:51

Highest Band Edge / Full RB

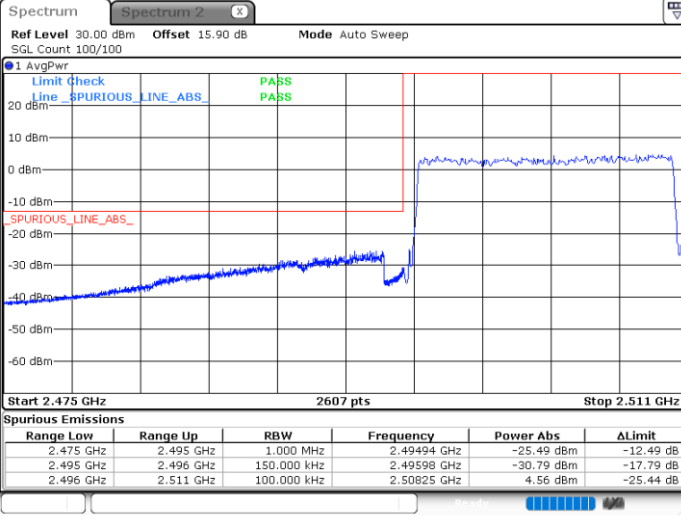


Date: 5.SEP.2023 17:12:53

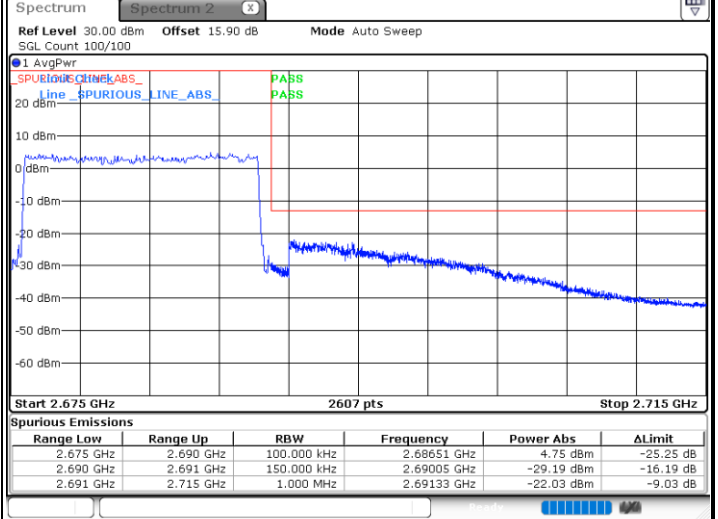


4G-LTE Band 41 (PC2) / 15MHz / 64QAM

Lowest Band Edge / Full RB

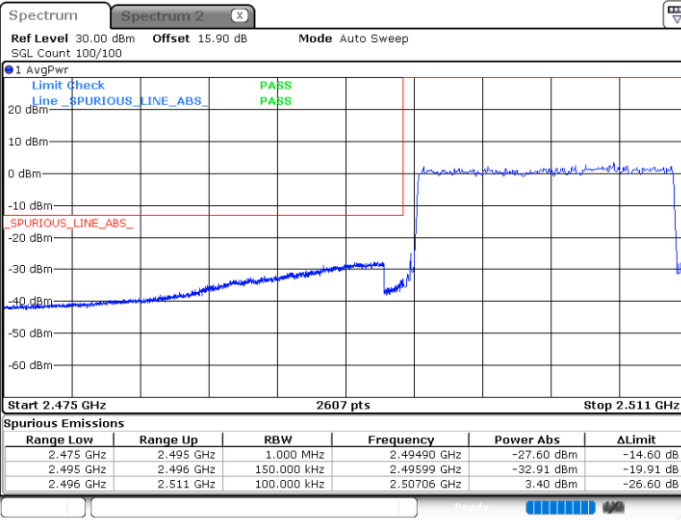


Highest Band Edge / Full RB

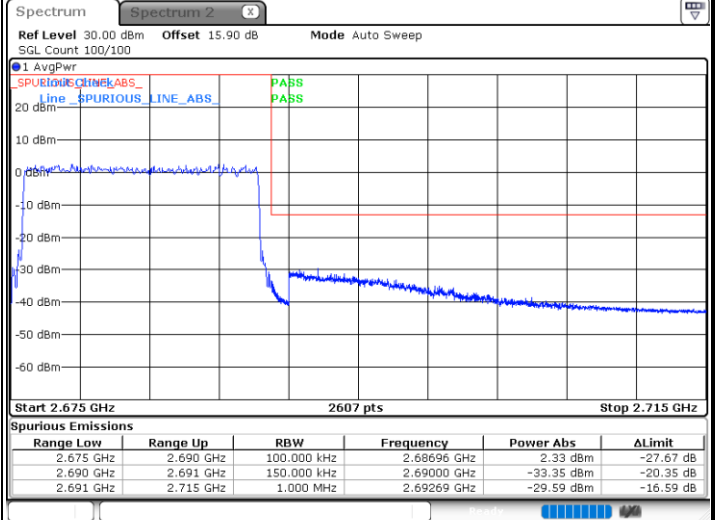


4G-LTE Band 41 (PC2) / 15MHz / 256QAM

Lowest Band Edge / Full RB



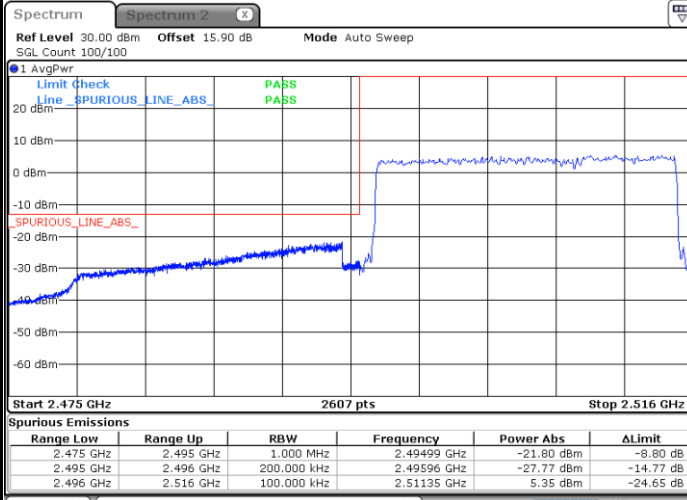
Highest Band Edge / Full RB





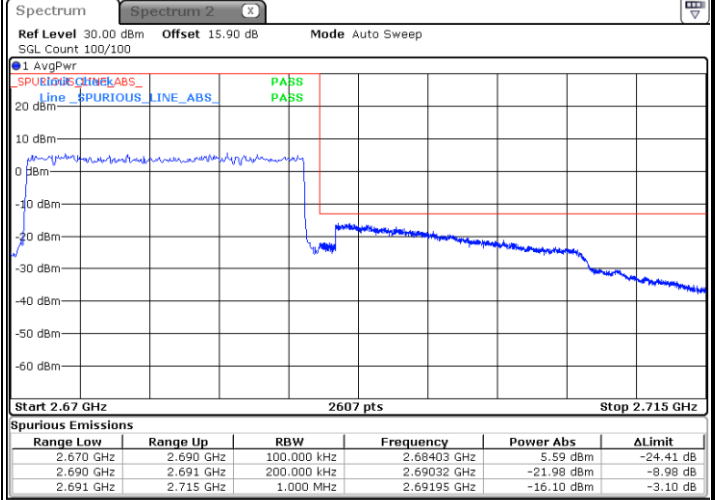
4G-LTE Band 41 (PC2) / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 5.SEP.2023 17:15:37

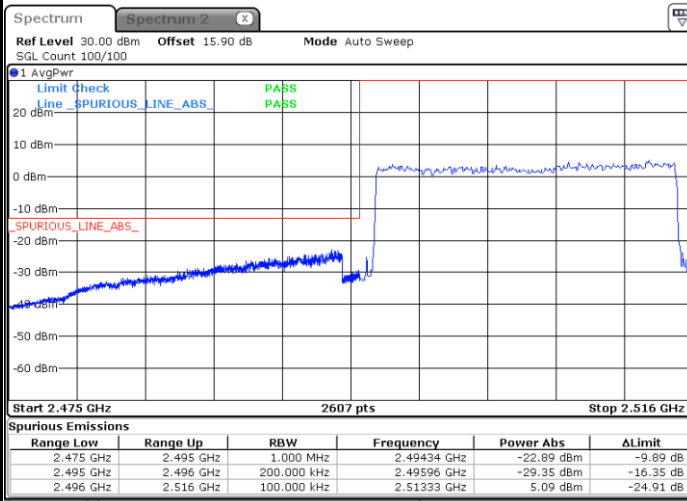
Highest Band Edge / Full RB



Date: 5.SEP.2023 17:24:20

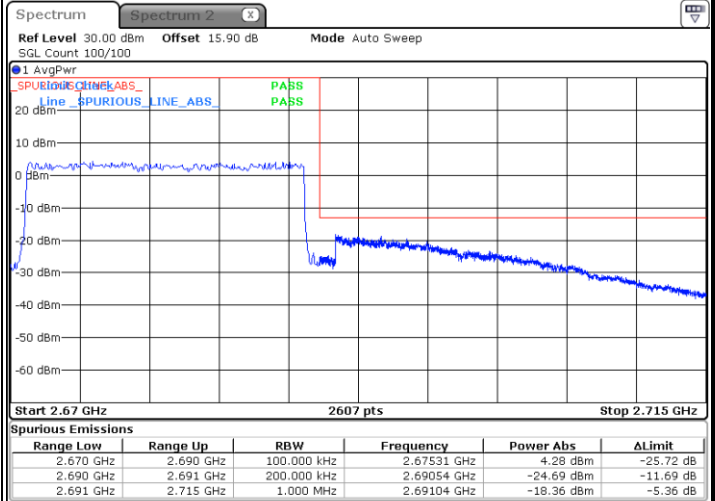
4G-LTE Band 41 (PC2) / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 5.SEP.2023 17:16:31

Highest Band Edge / Full RB

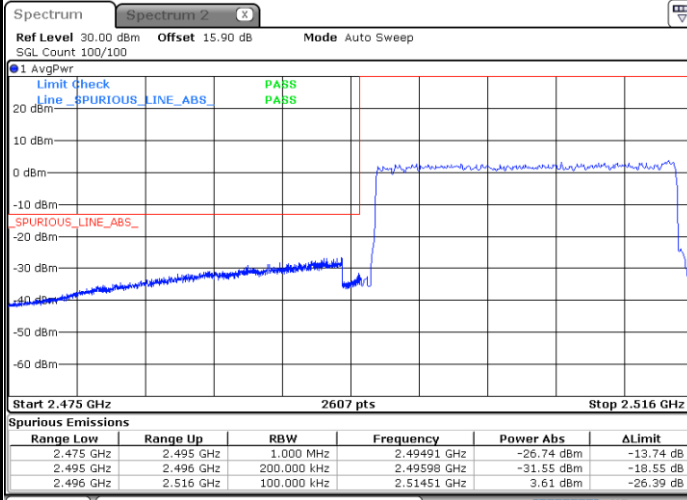


Date: 5.SEP.2023 17:25:13

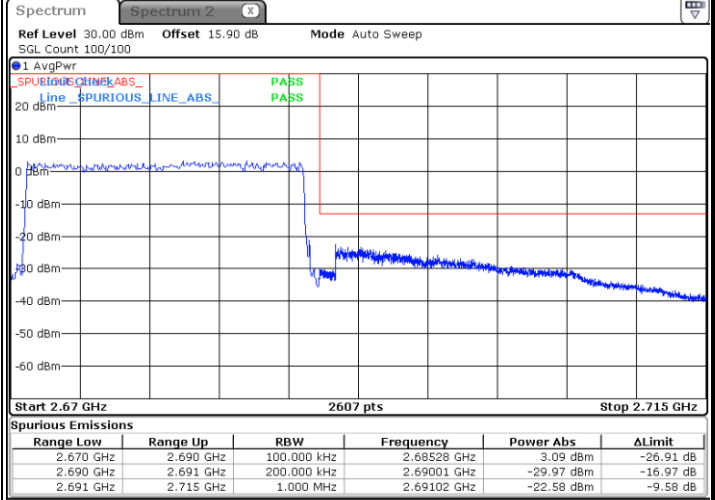


4G-LTE Band 41 (PC2) / 20MHz / 64QAM

Lowest Band Edge / Full RB

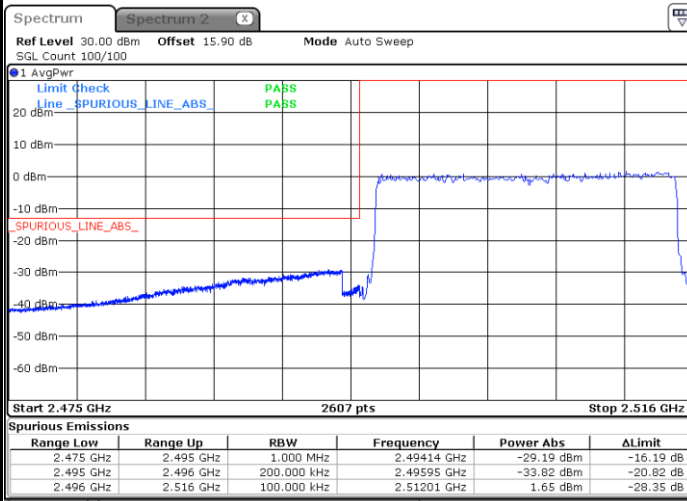


Highest Band Edge / Full RB

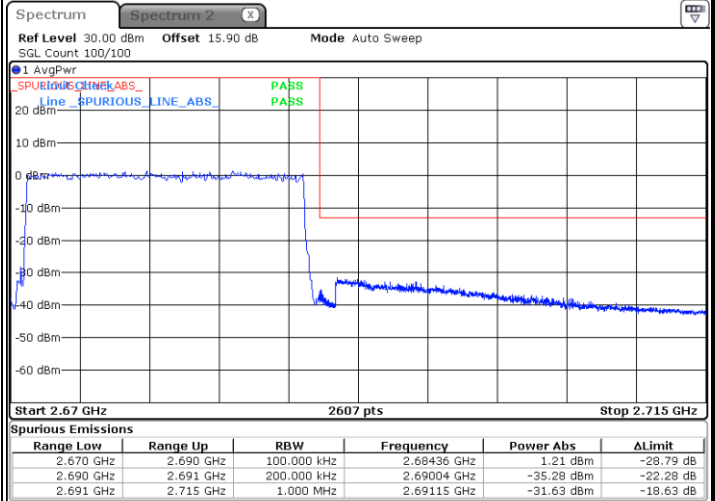


4G-LTE Band 41 (PC2) / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

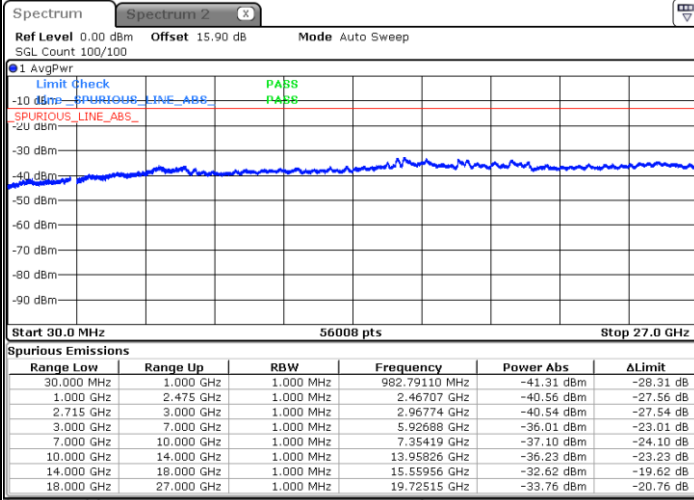




Conducted Spurious Emission

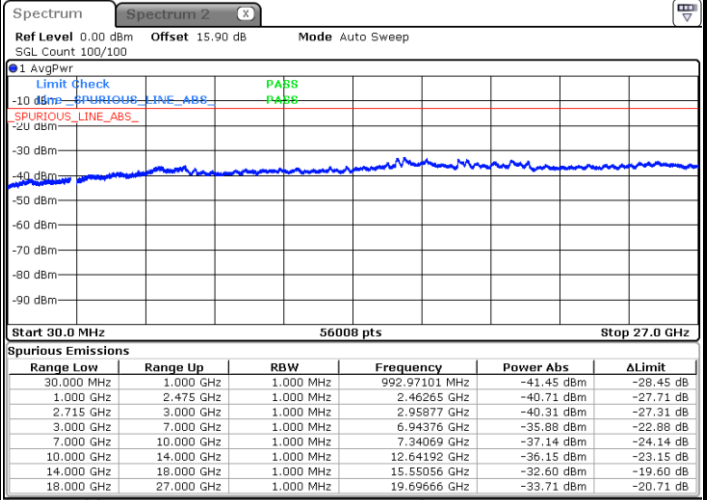
4G-LTE Band 41 (PC2) / 5MHz

Lowest Channel / QPSK



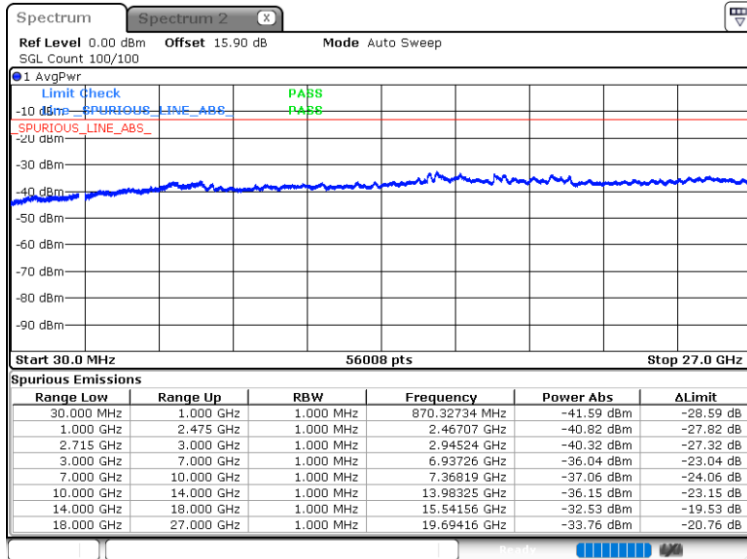
Date: 5.SEP.2023 16:17:37

Middle Channel / QPSK



Date: 5.SEP.2023 16:23:13

Highest Channel / QPSK



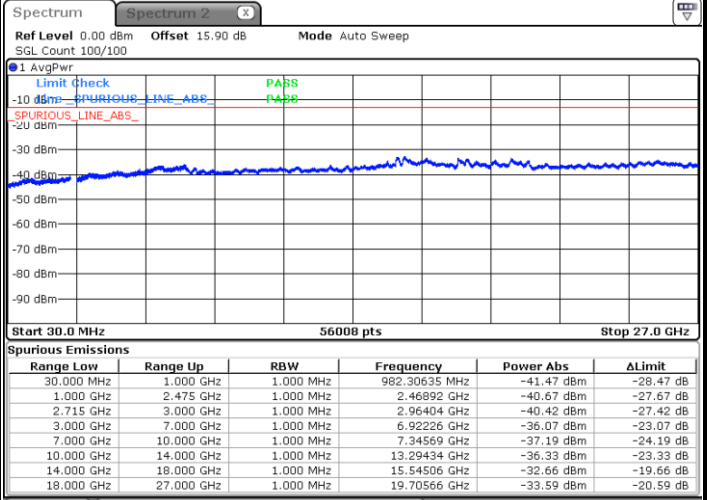
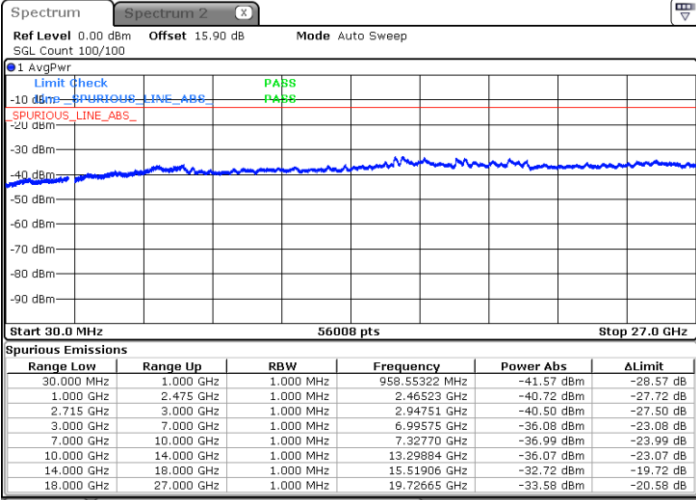
Date: 5.SEP.2023 16:34:42



4G-LTE Band 41 (PC2) / 10MHz

Lowest Channel / QPSK

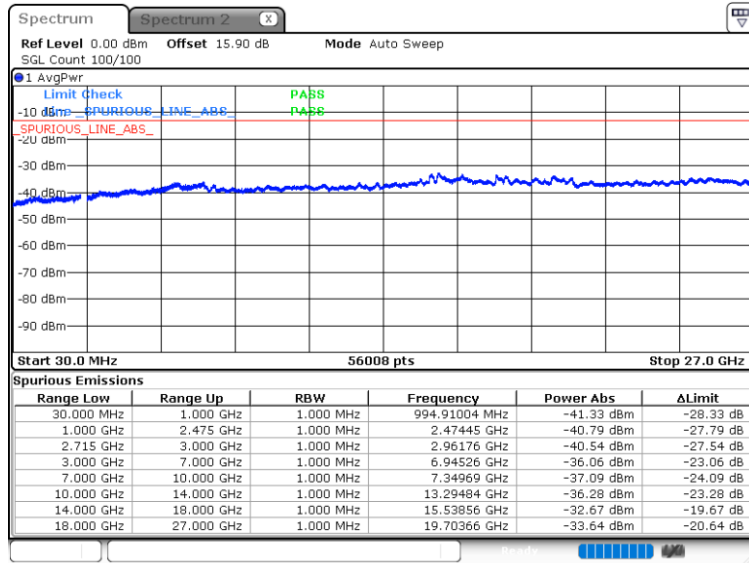
Middle Channel / QPSK



Date: 5.SEP.2023 17:40:21

Date: 5.SEP.2023 17:41:24

Highest Channel / QPSK



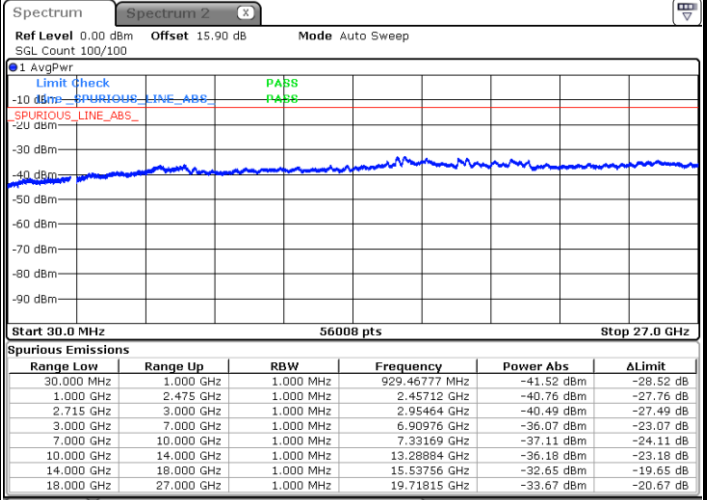
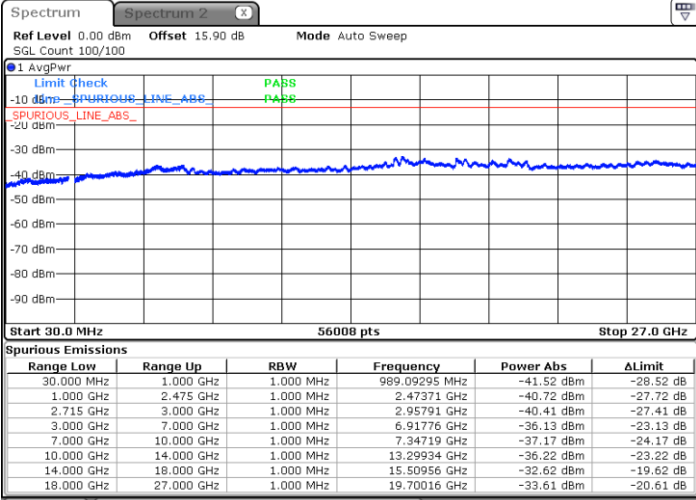
Date: 5.SEP.2023 17:42:28



4G-LTE Band 41 (PC2) / 15MHz

Lowest Channel / QPSK

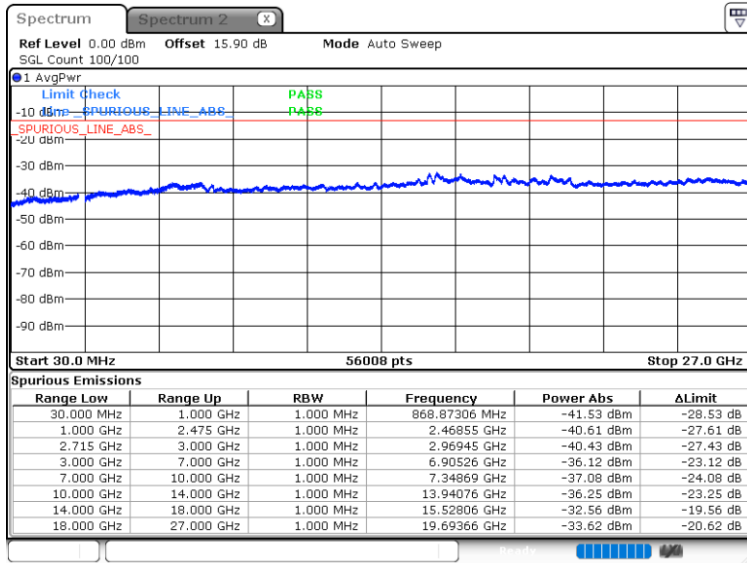
Middle Channel / QPSK



Date: 5.SEP.2023 17:43:33

Date: 5.SEP.2023 17:44:36

Highest Channel / QPSK

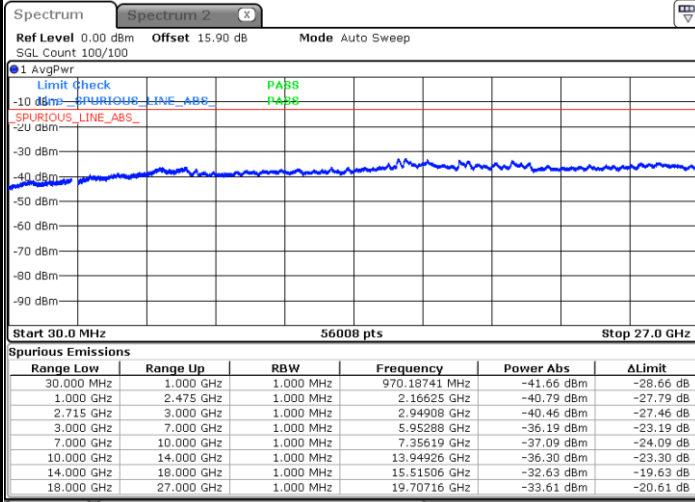


Date: 5.SEP.2023 17:45:40



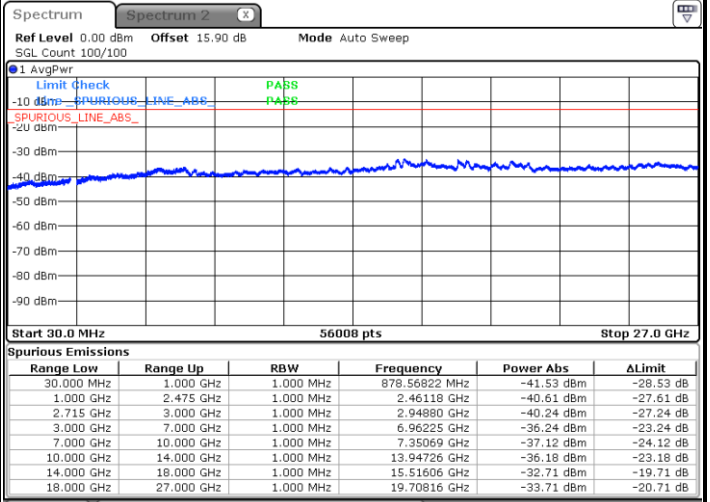
4G-LTE Band 41 (PC2) / 20MHz

Lowest Channel / QPSK



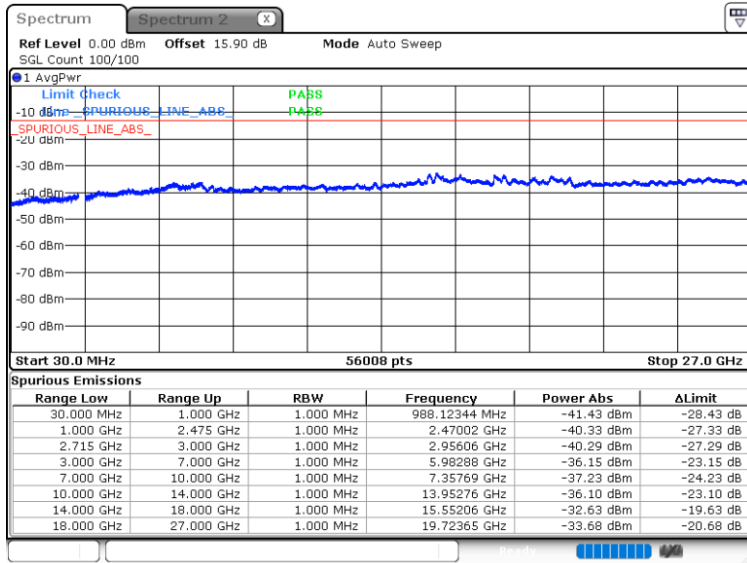
Date: 5.SEP.2023 17:46:45

Middle Channel / QPSK



Date: 5.SEP.2023 17:47:49

Highest Channel / QPSK



Date: 5.SEP.2023 17:48:52



Frequency Stability

Test Conditions		4G-LTE Band 41 (PC2) (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0028	

Note:

- 1. Normal Voltage = 48 V. ; Minimum Voltage = 42.5 V. ; Maximum Voltage = 57 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



4G-LTE CA Band 41C (PC2)

26dB Bandwidth

Mode	4G-LTE CA Band 41C (PC2) : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	25.33	29.91	25.28	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	24.98	30.03	34.97	39.96

Mode	4G-LTE CA Band 41C (PC2) : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.63	24.98	30.09	25.18	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	25.03	30.15	35.04	39.88

Mode	4G-LTE CA Band 41C (PC2) : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.68	25.13	29.91	25.43	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.83	29.97	34.97	40.20

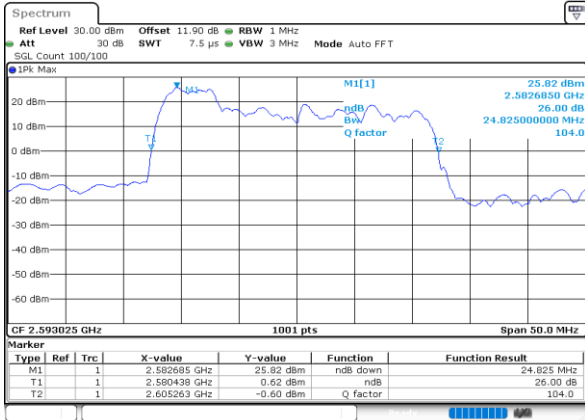
Mode	4G-LTE CA Band 41C (PC2) : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.63	25.13	29.91	25.28	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.04	24.93	30.03	34.97	39.88



4G-LTE CA Band 41C (PC2)

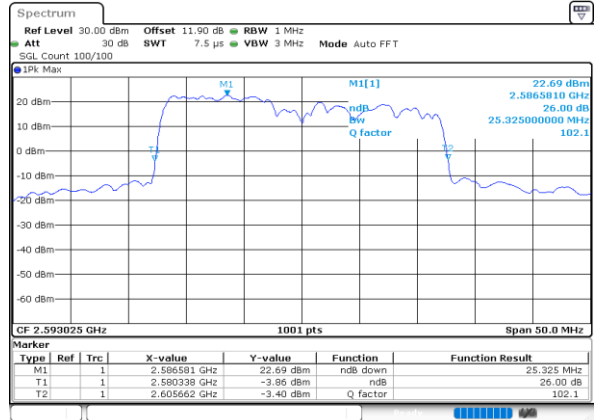
QPSK

Middle Channel / 5MHz+20MHz



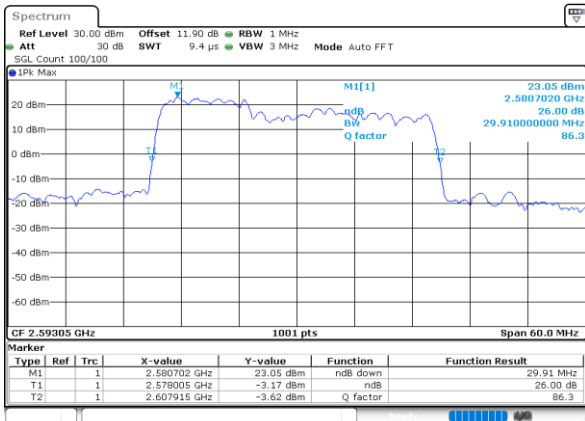
Date: 14.AUG.2023 15:14:31

Middle Channel / 10MHz+15MHz



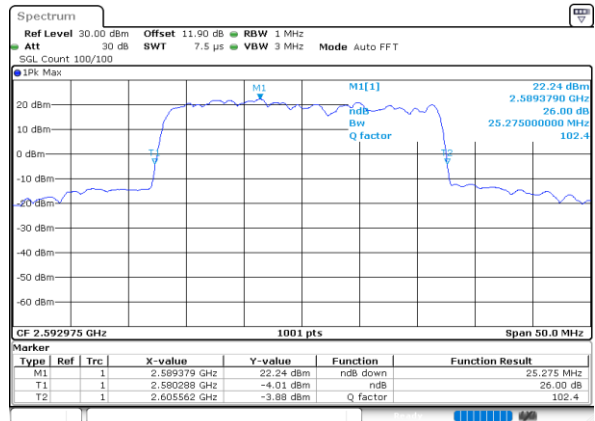
Date: 14.AUG.2023 15:13:16

Middle Channel / 10MHz+20MHz



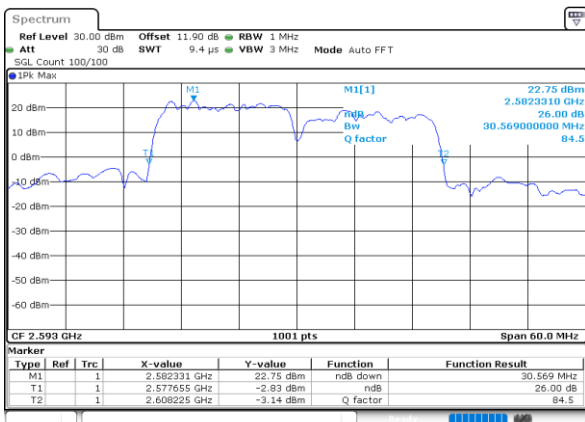
Date: 14.AUG.2023 15:40:37

Middle Channel / 15MHz+10MHz



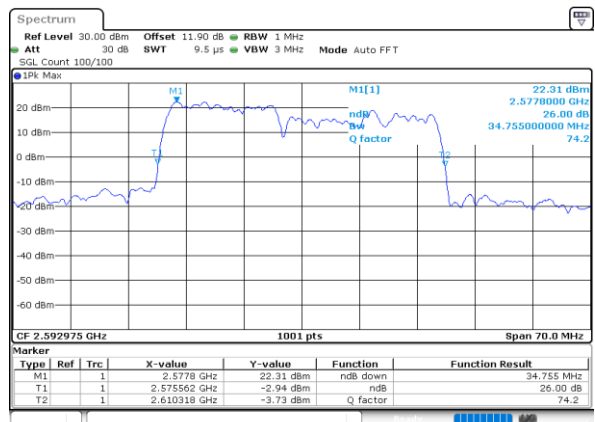
Date: 14.AUG.2023 15:13:10

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:48:23

Middle Channel / 15MHz+20MHz



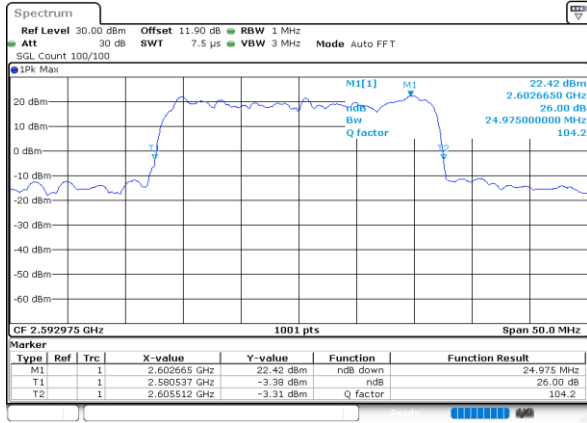
Date: 14.AUG.2023 15:51:57



4G-LTE CA Band 41C (PC2)

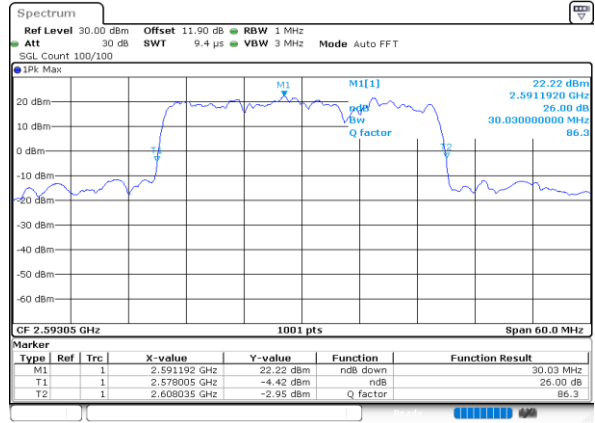
QPSK

Middle Channel / 20MHz+5MHz



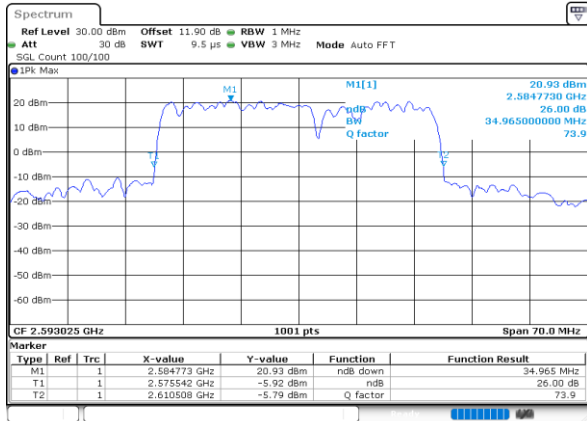
Date: 14.AUG.2023 15:18:13

Middle Channel / 20MHz+10MHz



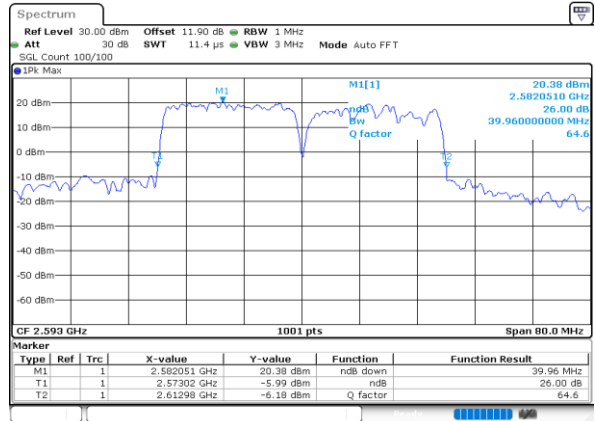
Date: 14.AUG.2023 15:44:31

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:55:32

Middle Channel / 20MHz+20MHz



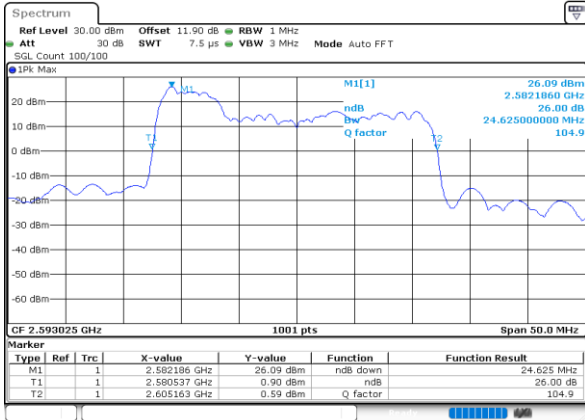
Date: 14.AUG.2023 15:59:06



4G-LTE CA Band 41C (PC2)

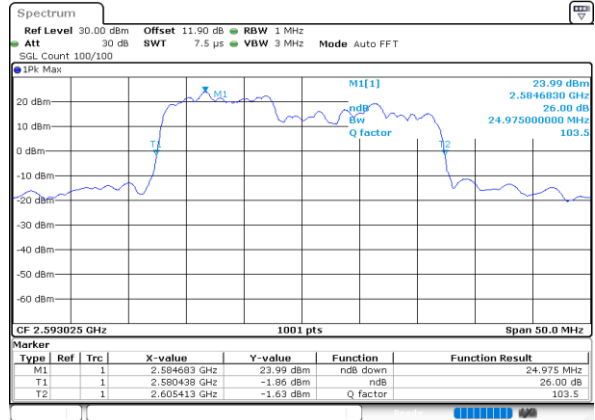
16QAM

Middle Channel / 5MHz+20MHz



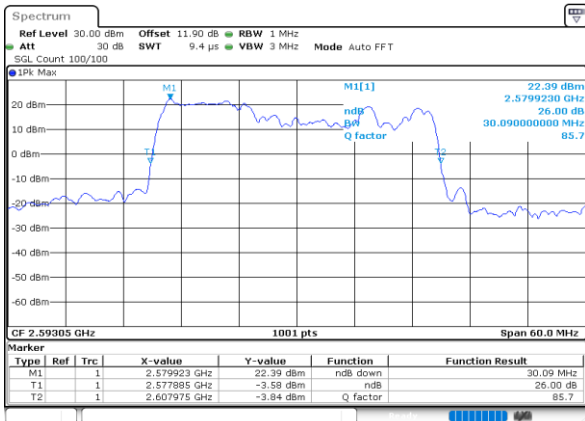
Date: 14.AUG.2023 15:14:05

Middle Channel / 10MHz+15MHz



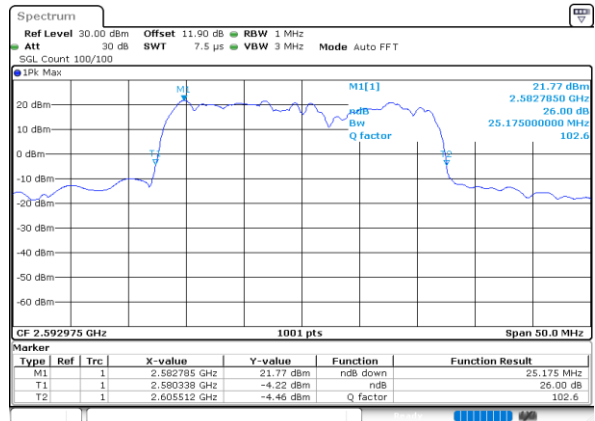
Date: 14.AUG.2023 15:13:10

Middle Channel / 10MHz+20MHz



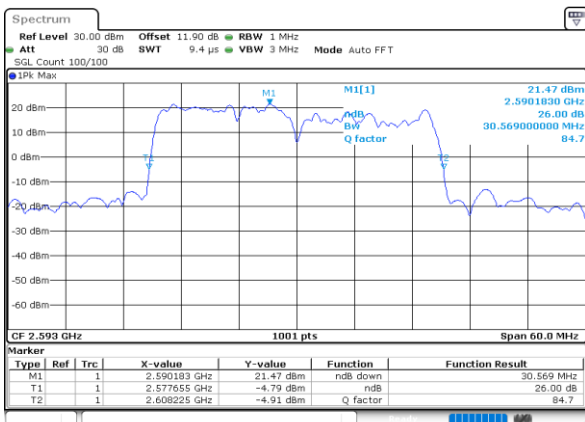
Date: 14.AUG.2023 15:40:11

Middle Channel / 15MHz+10MHz



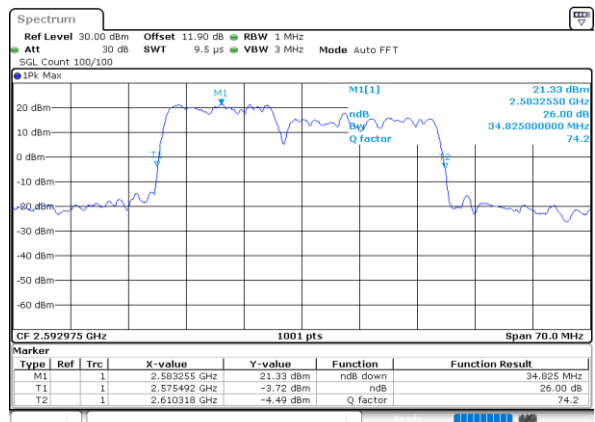
Date: 14.AUG.2023 15:13:03

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:47:57

Middle Channel / 15MHz+20MHz



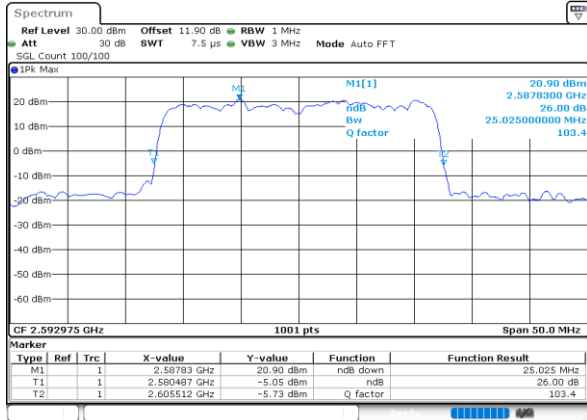
Date: 14.AUG.2023 15:51:01



4G-LTE CA Band 41C (PC2)

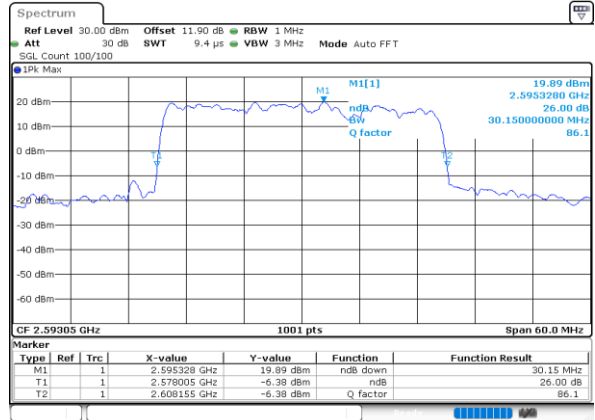
16QAM

Middle Channel / 20MHz+5MHz



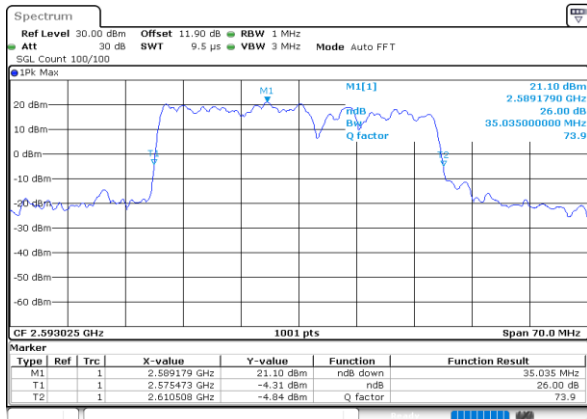
Date: 14.AUG.2023 15:17:46

Middle Channel / 20MHz+10MHz



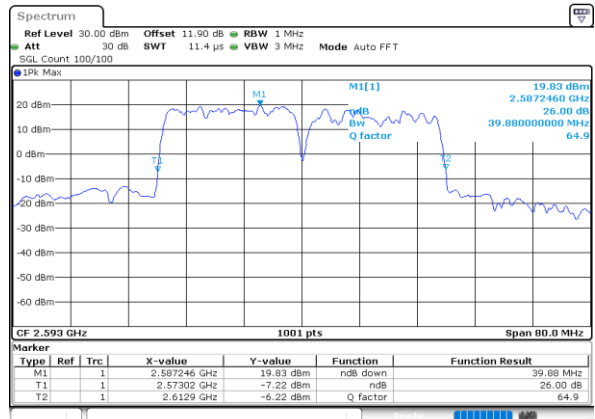
Date: 14.AUG.2023 15:44:04

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:55:06

Middle Channel / 20MHz+20MHz



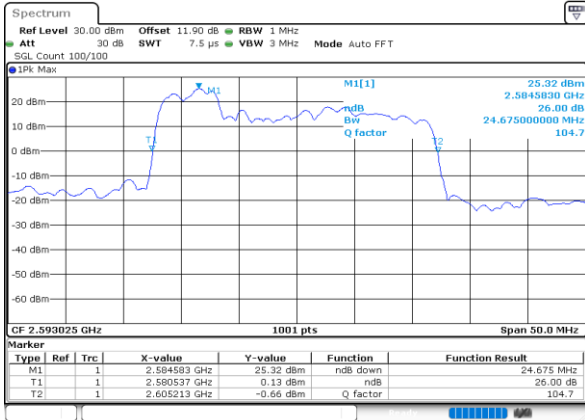
Date: 14.AUG.2023 15:58:39



4G-LTE CA Band 41C (PC2)

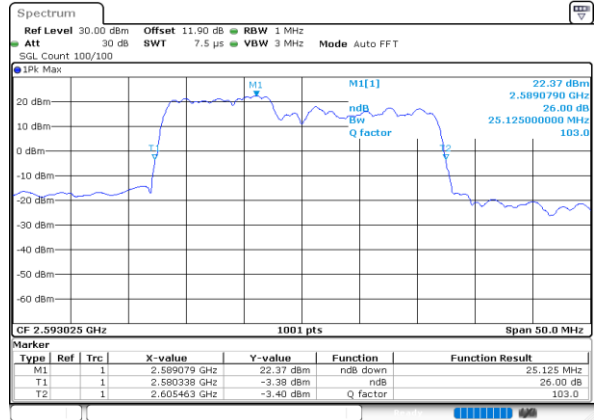
64QAM

Middle Channel / 5MHz+20MHz



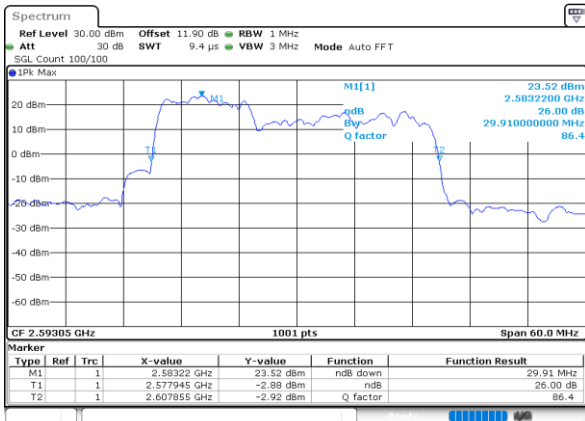
Date: 14.AUG.2023 15:13:38

Middle Channel / 10MHz+15MHz



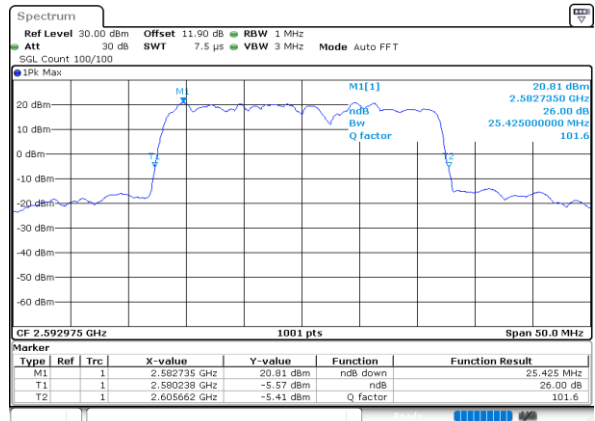
Date: 14.AUG.2023 15:13:43

Middle Channel / 10MHz+20MHz



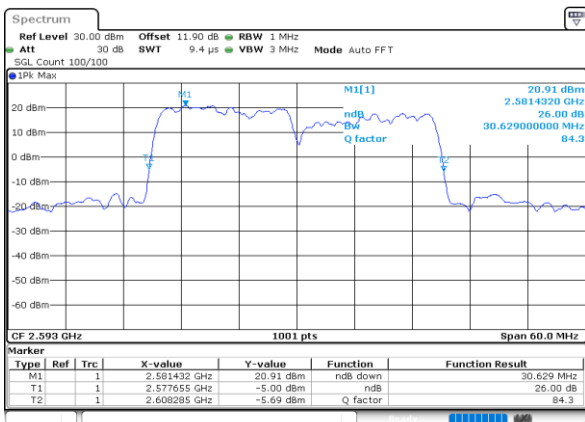
Date: 14.AUG.2023 15:39:44

Middle Channel / 15MHz+10MHz



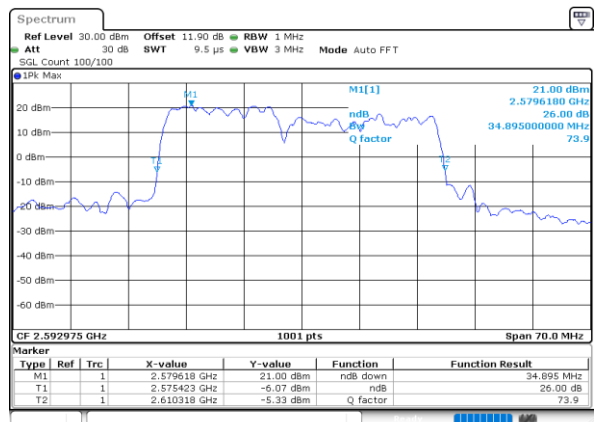
Date: 14.AUG.2023 15:35:36

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:47:30

Middle Channel / 15MHz+20MHz



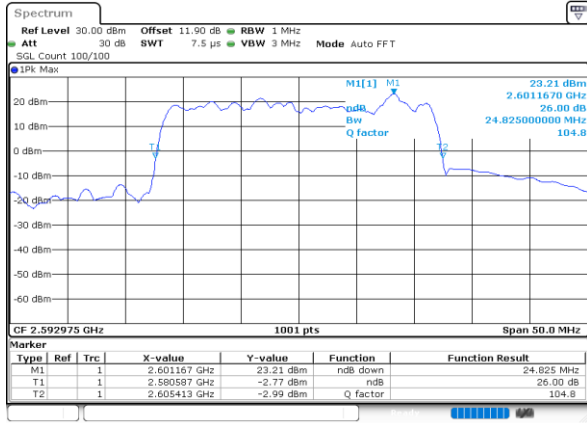
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4G-LTE CA Band 41C (PC2)

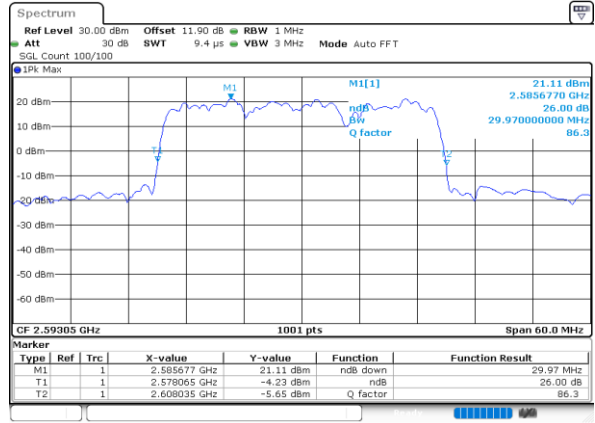
64QAM

Middle Channel / 20MHz+5MHz



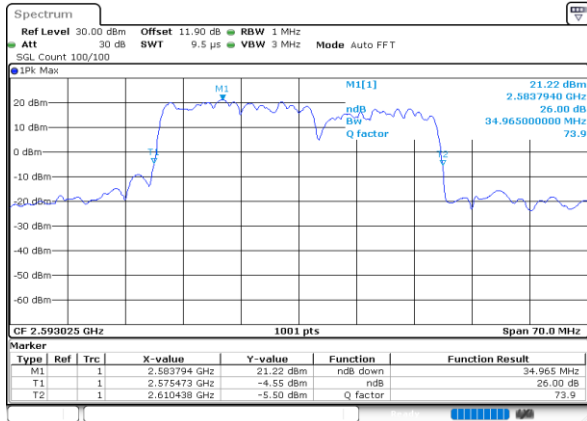
Date: 14.AUG.2023 15:17:19

Middle Channel / 20MHz+10MHz



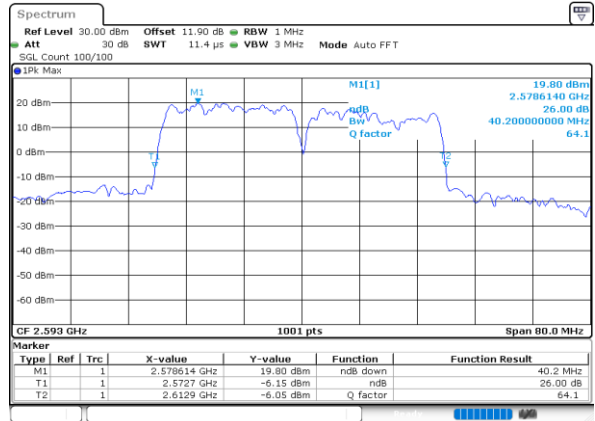
Date: 14.AUG.2023 15:43:37

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:54:39

Middle Channel / 20MHz+20MHz



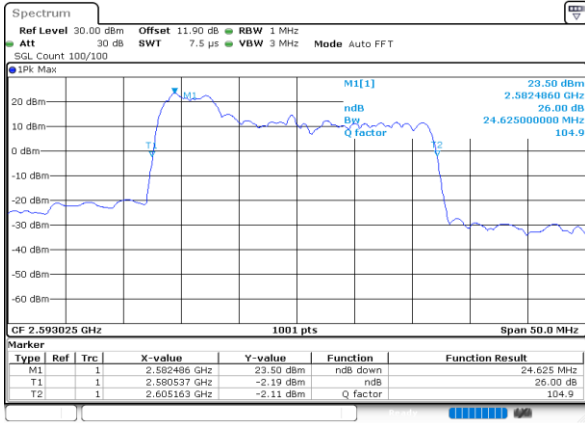
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4G-LTE CA Band 41C (PC2)

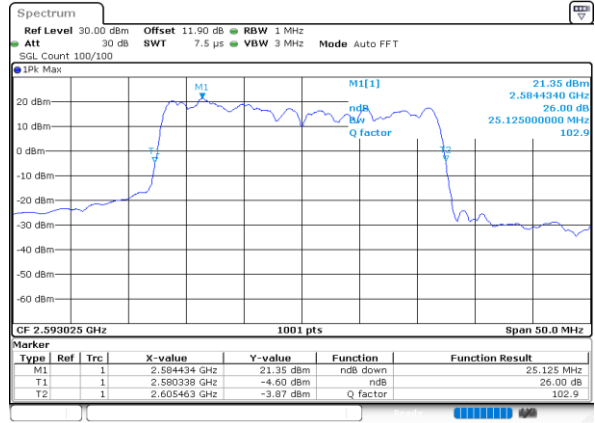
256QAM

Middle Channel / 5MHz+20MHz



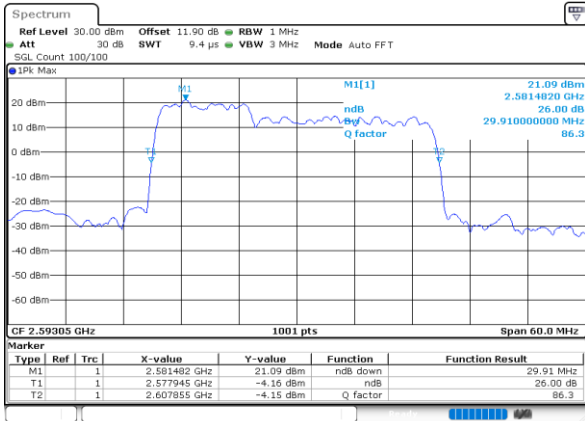
Date: 14.AUG.2023 15:13:11

Middle Channel / 10MHz+15MHz



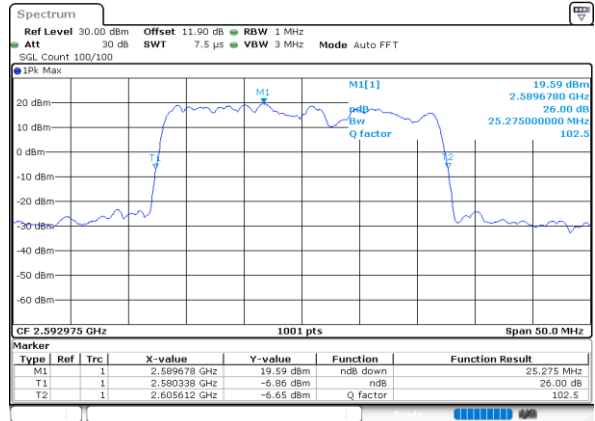
Date: 14.AUG.2023 15:13:16

Middle Channel / 10MHz+20MHz



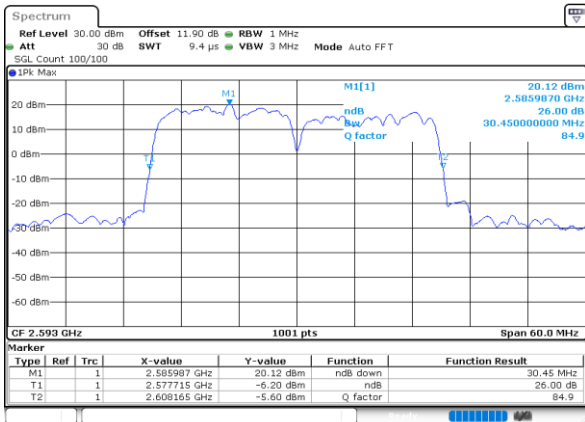
Date: 14.AUG.2023 15:13:10

Middle Channel / 15MHz+10MHz



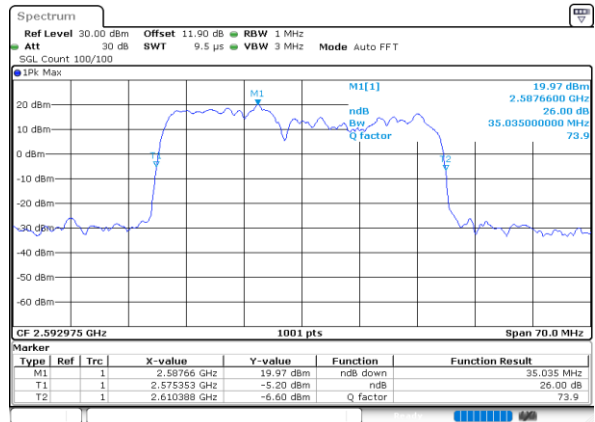
Date: 14.AUG.2023 15:13:10

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:47:04

Middle Channel / 15MHz+20MHz



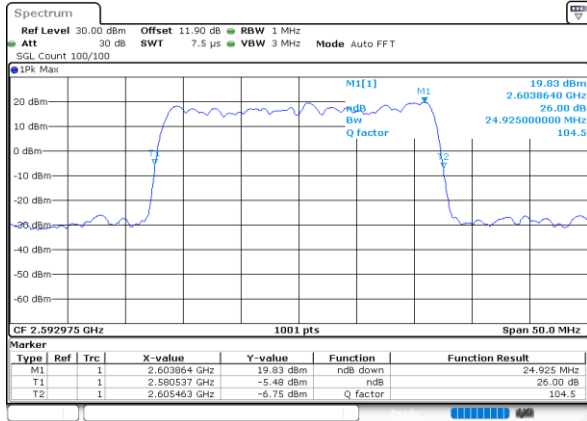
Date: 14.AUG.2023 15:50:38



4G-LTE CA Band 41C (PC2)

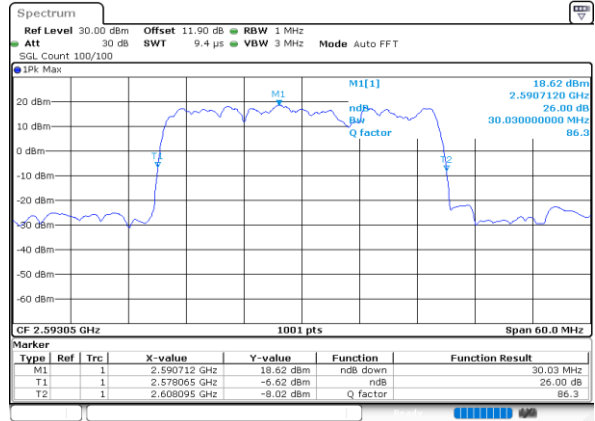
256QAM

Middle Channel / 20MHz+5MHz



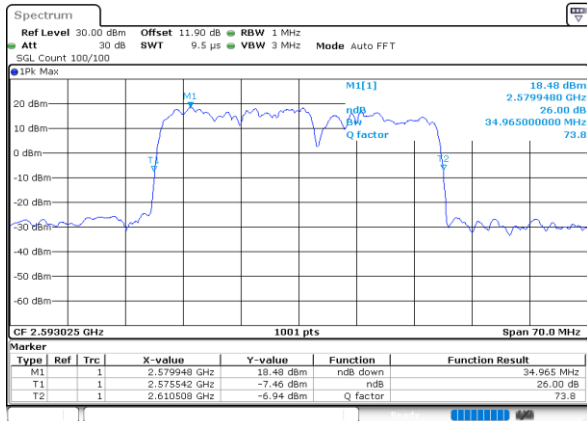
Date: 14.AUG.2023 15:16:53

Middle Channel / 20MHz+10MHz



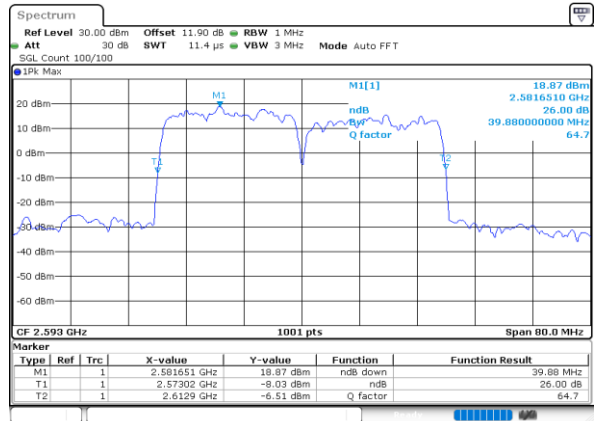
Date: 14.AUG.2023 15:143:11

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:54:12

Middle Channel / 20MHz+20MHz



Date: 14.AUG.2023 15:57:47



Occupied Bandwidth

Mode	4G-LTE CA Band 41C (PC2) : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.38	28.11	23.63	28.89
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.28	28.05	32.80	37.72

Mode	4G-LTE CA Band 41C (PC2) : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.08	23.18	28.11	23.53	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.28	28.17	33.08	38.04

Mode	4G-LTE CA Band 41C (PC2) : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.08	23.58	27.81	23.48	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.52	23.33	27.75	32.59	37.48

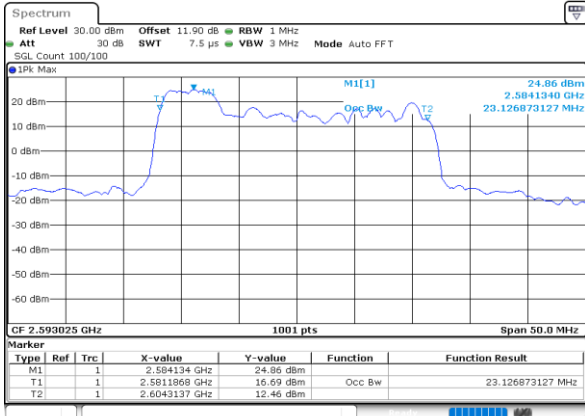
Mode	4G-LTE CA Band 41C (PC2) : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.43	28.11	23.53	28.17
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.08	27.93	33.01	37.56



4G-LTE CA Band 41C (PC2)

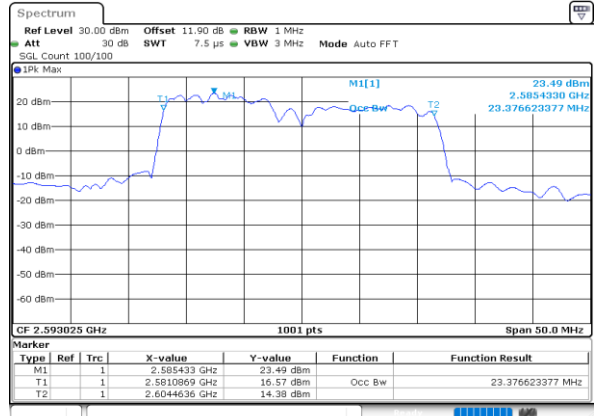
QPSK

Middle Channel / 5MHz+20MHz



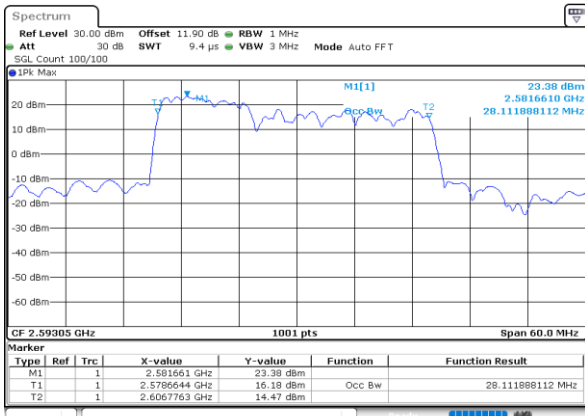
Date: 14.AUG.2023 15:11:06

Middle Channel / 10MHz+15MHz



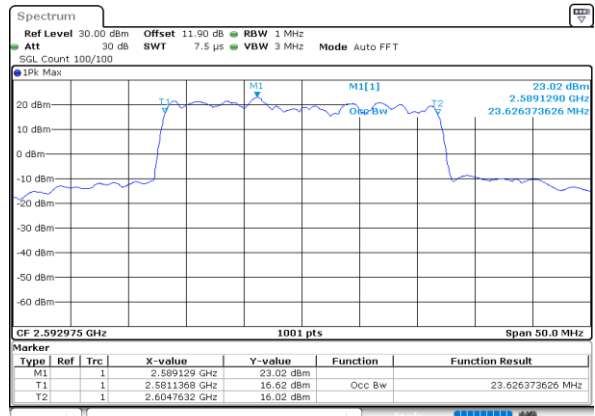
Date: 14.AUG.2023 15:29:31

Middle Channel / 10MHz+20MHz



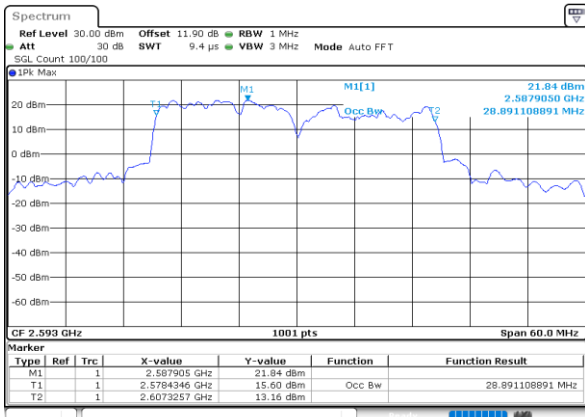
Date: 14.AUG.2023 15:37:33

Middle Channel / 15MHz+10MHz



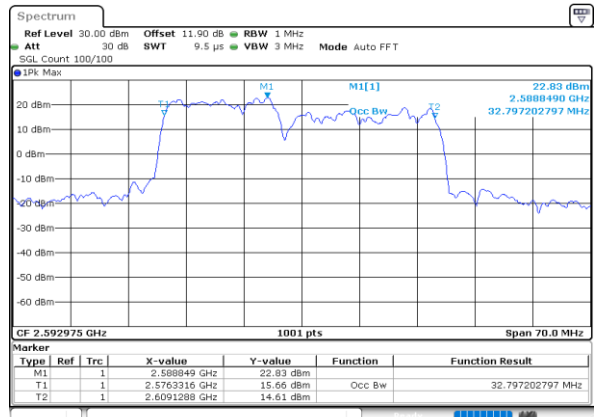
Date: 14.AUG.2023 15:33:25

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:45:18

Middle Channel / 15MHz+20MHz



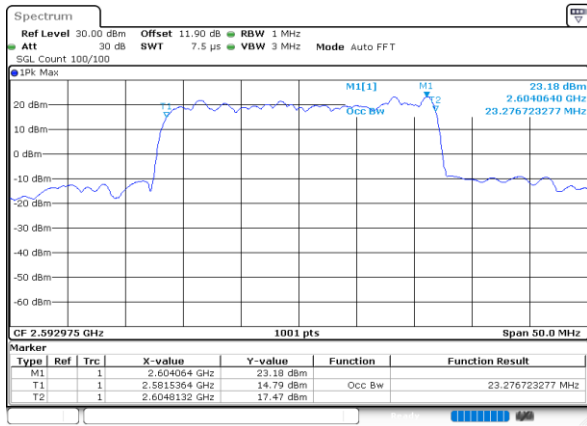
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4G-LTE CA Band 41C (PC2)

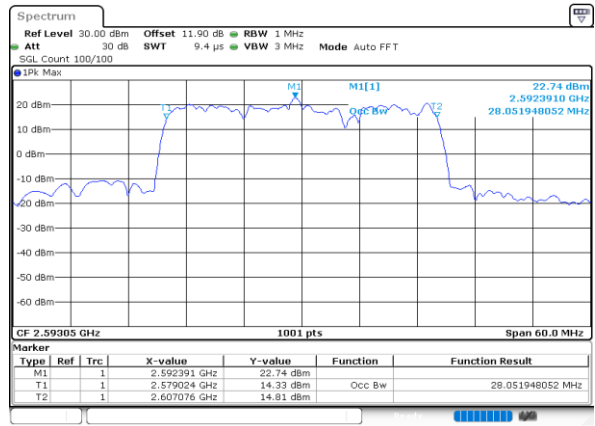
QPSK

Middle Channel / 20MHz+5MHz



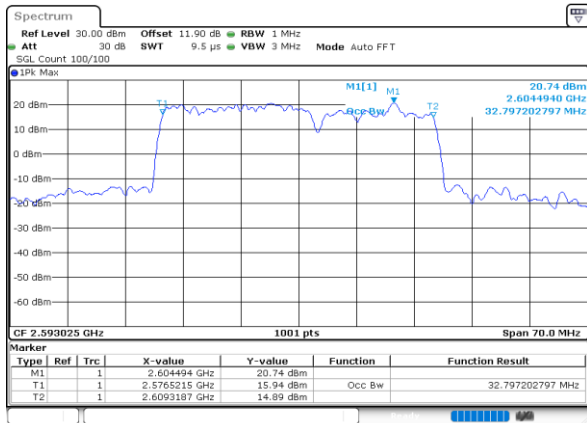
Date: 14.AUG.2023 15:15:08

Middle Channel / 20MHz+10MHz



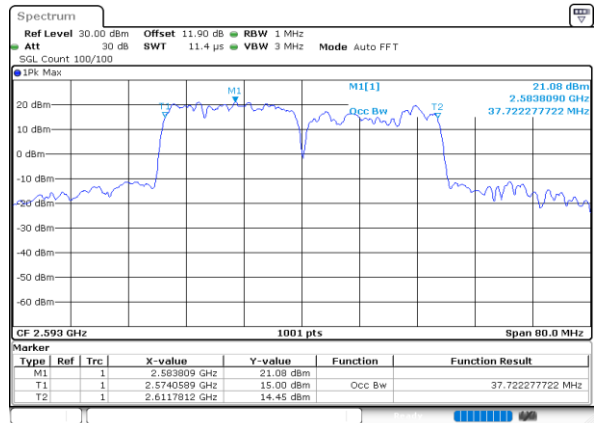
Date: 14.AUG.2023 15:41:26

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:52:27

Middle Channel / 20MHz+20MHz



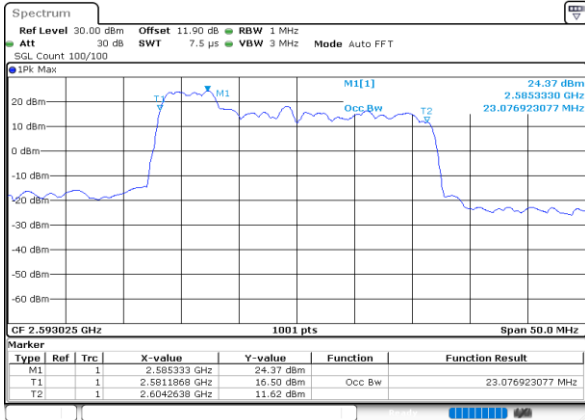
Date: 14.AUG.2023 15:56:02



4G-LTE CA Band 41C (PC2)

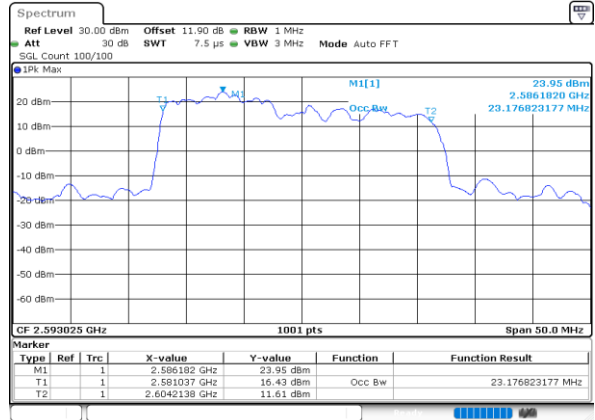
16QAM

Middle Channel / 5MHz+20MHz



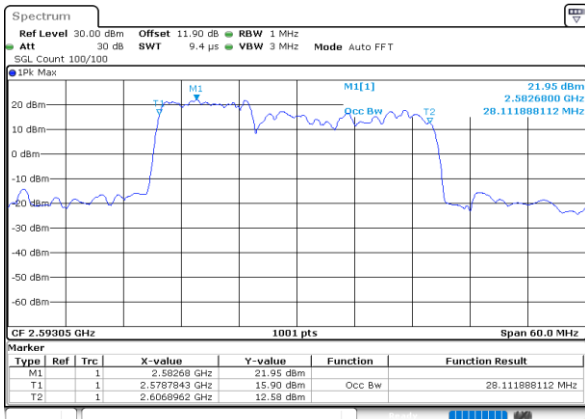
Date: 14.AUG.2023 15:11:32

Middle Channel / 10MHz+15MHz



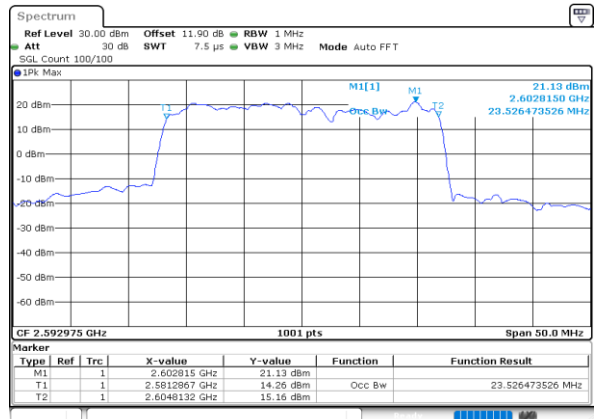
Date: 14.AUG.2023 15:29:58

Middle Channel / 10MHz+20MHz



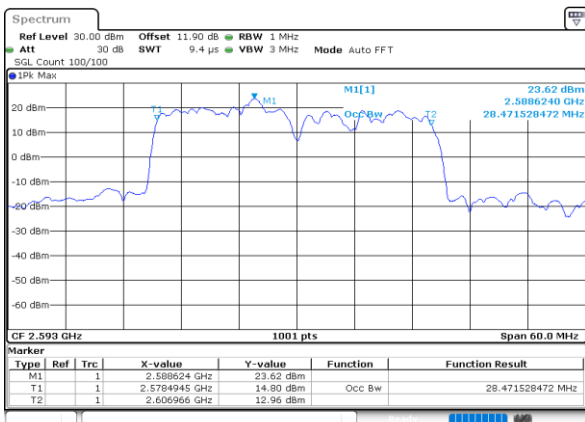
Date: 14.AUG.2023 15:37:59

Middle Channel / 15MHz+10MHz



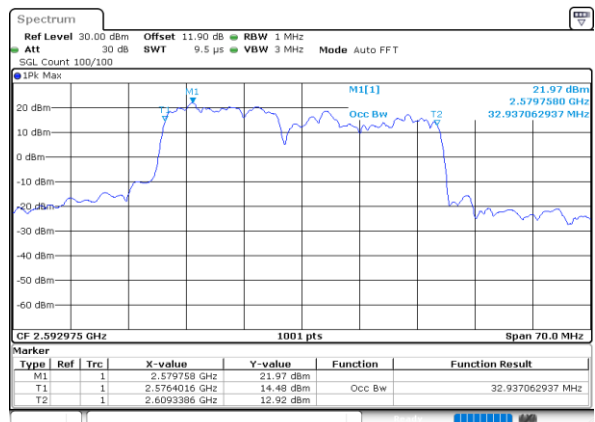
Date: 14.AUG.2023 15:33:51

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:45:45

Middle Channel / 15MHz+20MHz



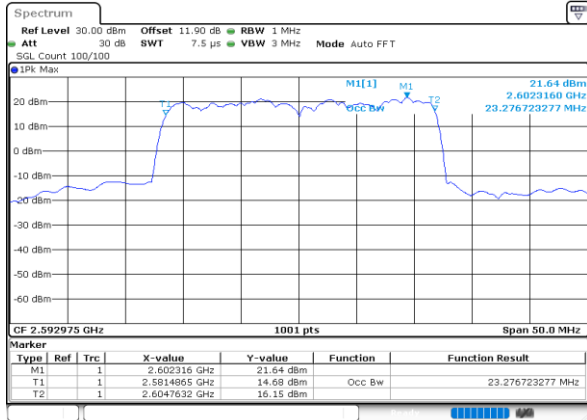
Date: 14.AUG.2023 15:49:19



4G-LTE CA Band 41C (PC2)

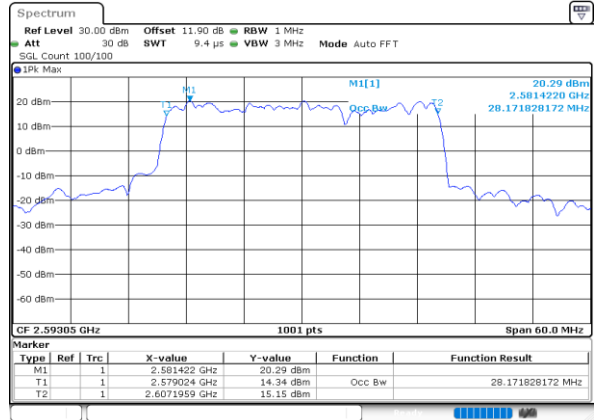
16QAM

Middle Channel / 20MHz+5MHz



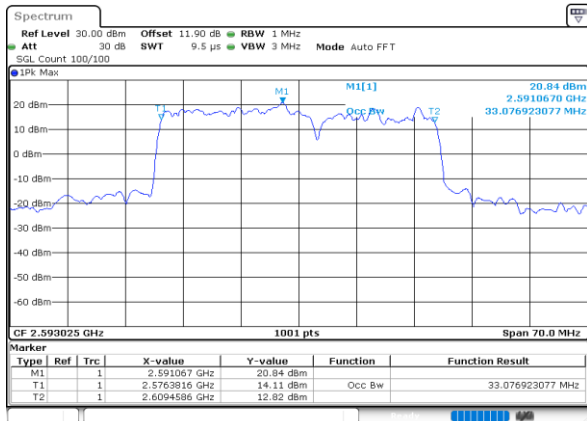
Date: 14.AUG.2023 15:15:34

Middle Channel / 20MHz+10MHz



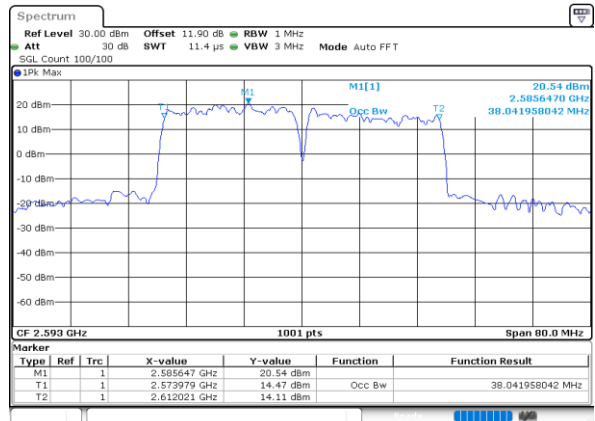
Date: 14.AUG.2023 15:41:52

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:52:54

Middle Channel / 20MHz+20MHz



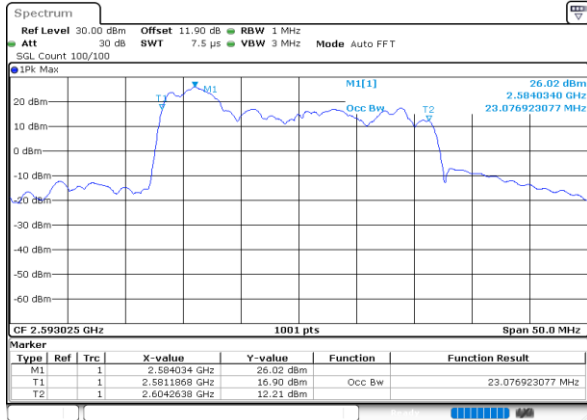
Date: 14.AUG.2023 15:56:28



4G-LTE CA Band 41C (PC2)

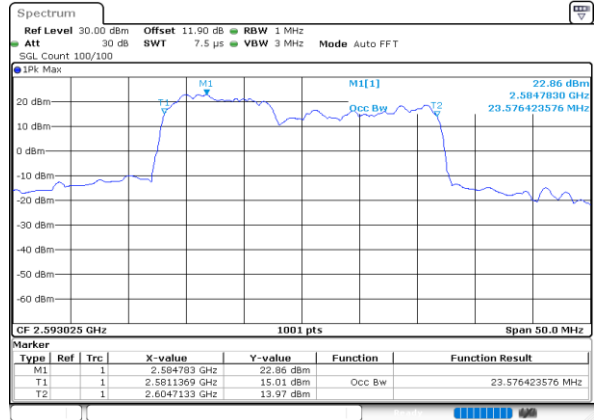
64QAM

Middle Channel / 5MHz+20MHz



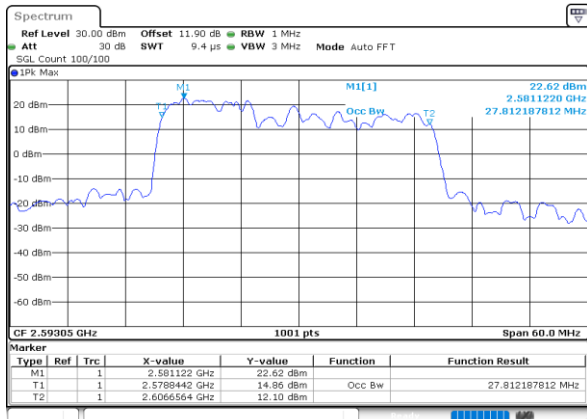
Date: 14.AUG.2023 15:11:59

Middle Channel / 10MHz+15MHz



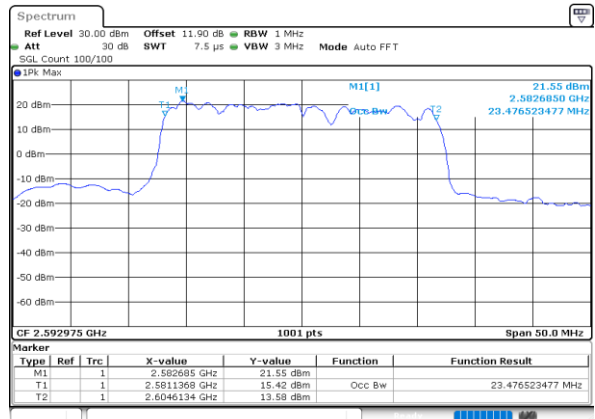
Date: 14.AUG.2023 15:10:24

Middle Channel / 10MHz+20MHz



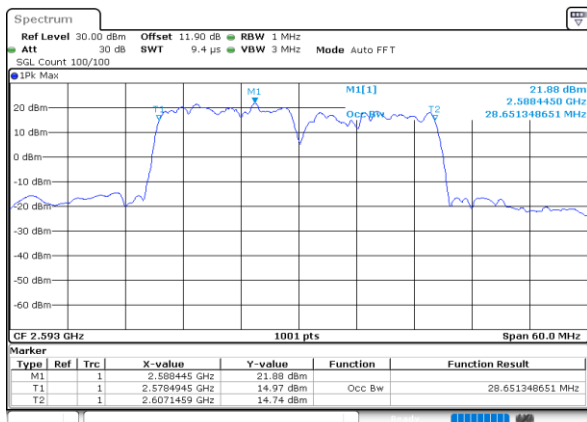
Date: 14.AUG.2023 15:38:26

Middle Channel / 15MHz+10MHz



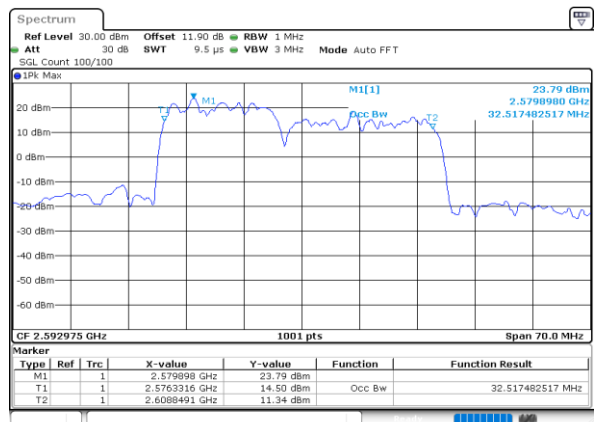
Date: 14.AUG.2023 15:13:18

Middle Channel / 15MHz+15MHz



Date: 14.AUG.2023 15:46:12

Middle Channel / 15MHz+20MHz



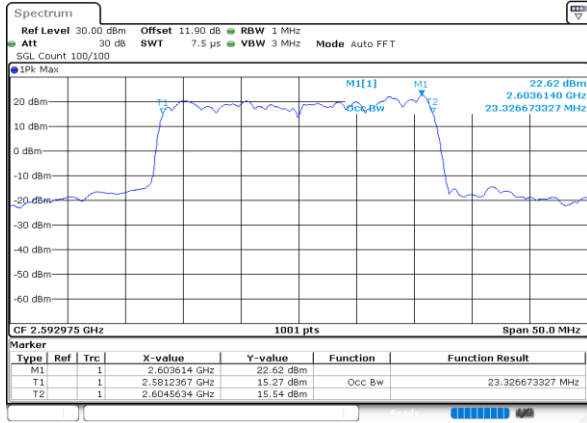
Date: 14.AUG.2023 15:49:46



4G-LTE CA Band 41C (PC2)

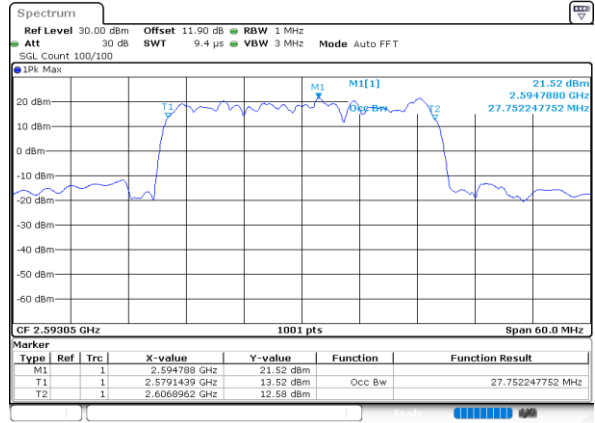
64QAM

Middle Channel / 20MHz+5MHz



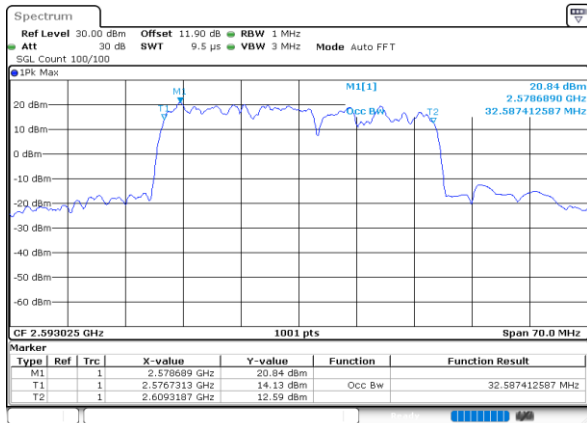
Date: 14.AUG.2023 15:16:01

Middle Channel / 20MHz+10MHz



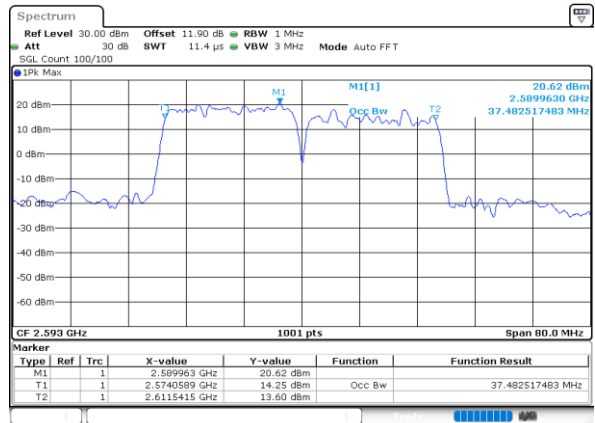
Date: 14.AUG.2023 15:42:19

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:53:20

Middle Channel / 20MHz+20MHz



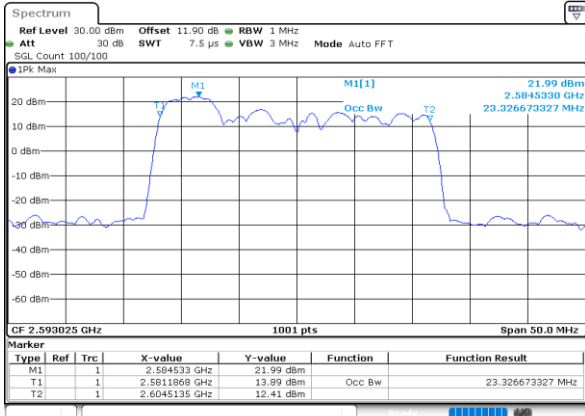
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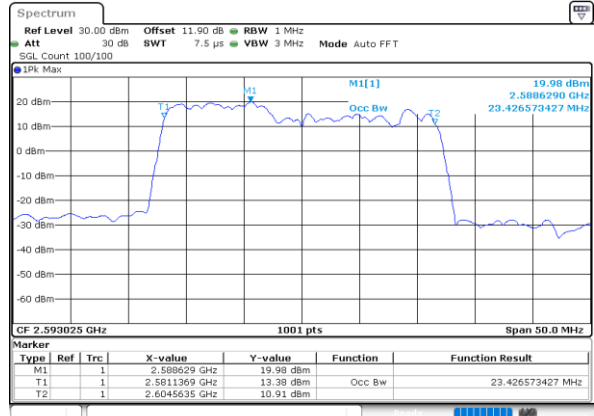
4G-LTE CA Band 41C (PC2)

256QAM

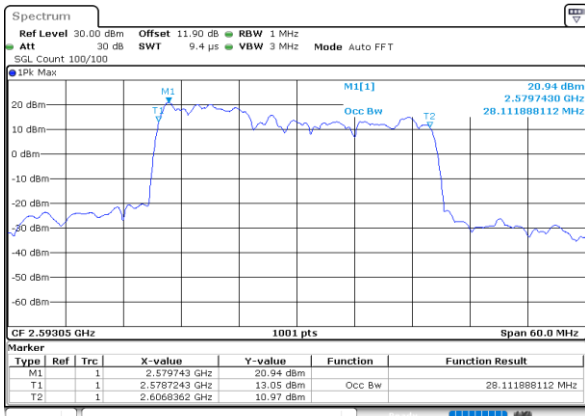
Middle Channel / 5MHz+20MHz



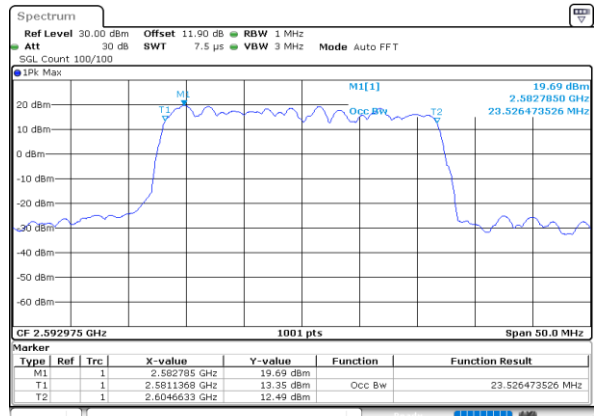
Middle Channel / 10MHz+15MHz



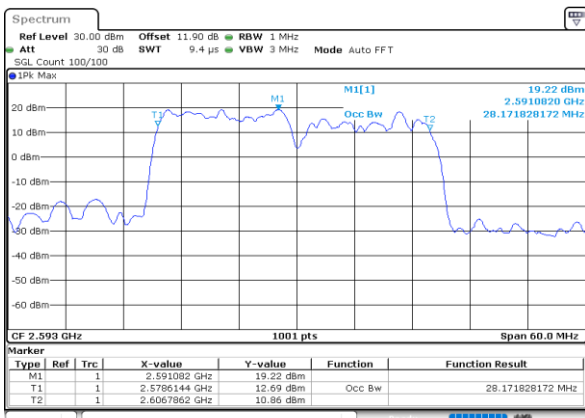
Middle Channel / 10MHz+20MHz



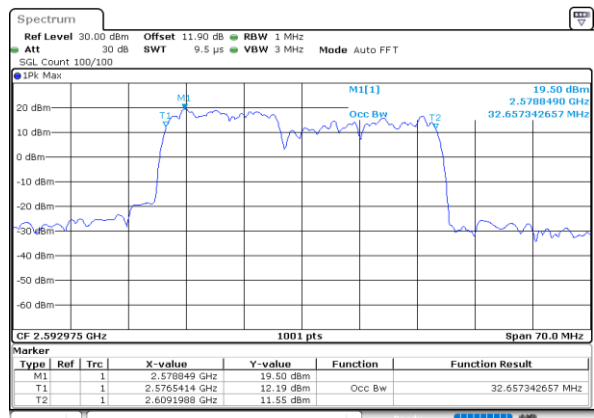
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

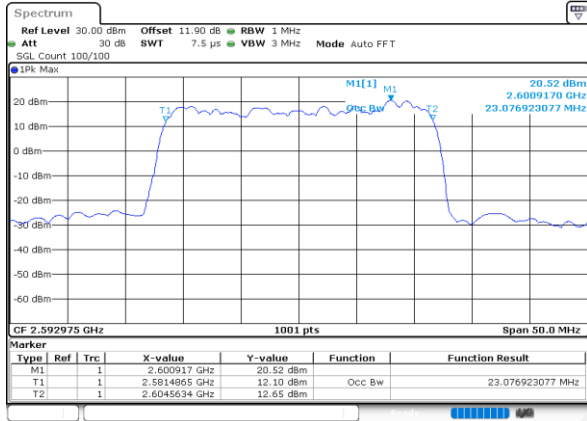




4G-LTE CA Band 41C (PC2)

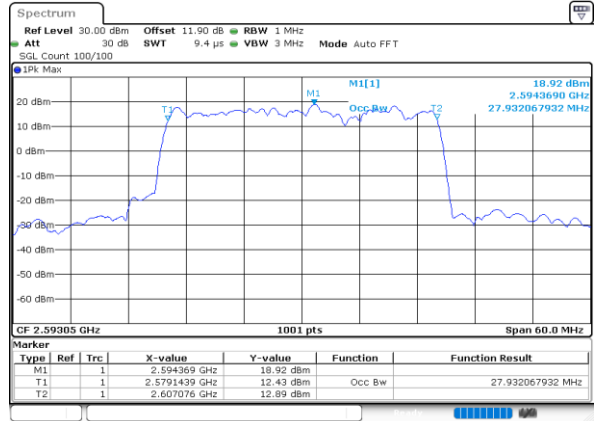
256QAM

Middle Channel / 20MHz+5MHz



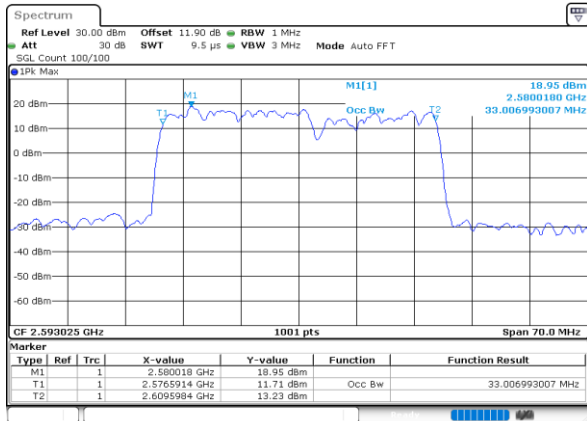
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Middle Channel / 20MHz+10MHz



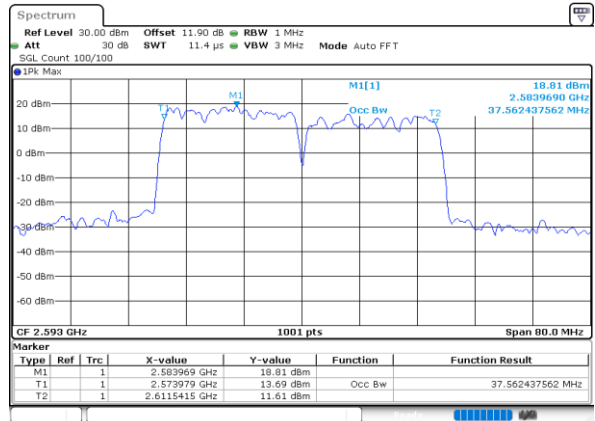
Date: 14.AUG.2023 15:14:45

Middle Channel / 20MHz+15MHz



Date: 14.AUG.2023 15:53:47

Middle Channel / 20MHz+20MHz



Date: 14.AUG.2023 15:57:21

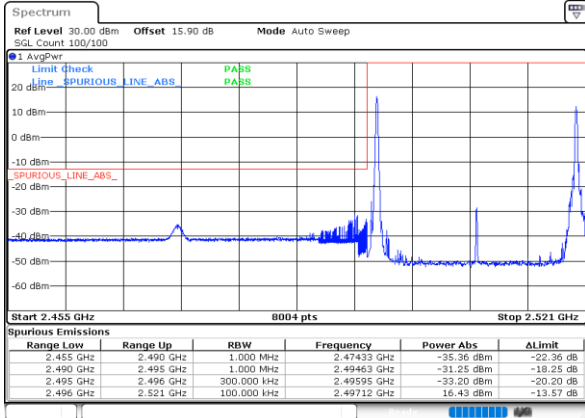


Conducted Band Edge

4G-LTE CA Band 41C (PC2) / 5MHz+20MHz

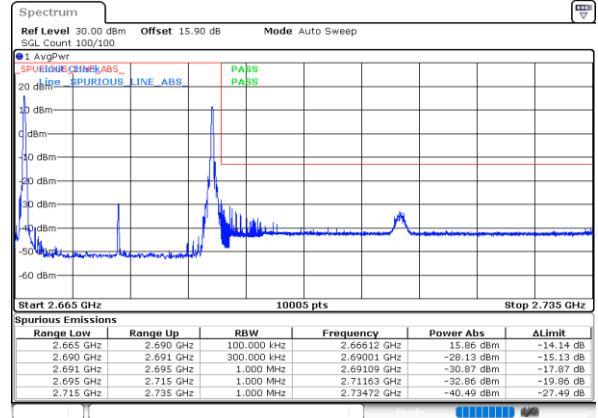
QPSK

Lowest Band Edge / 1RB0 and 1RB99



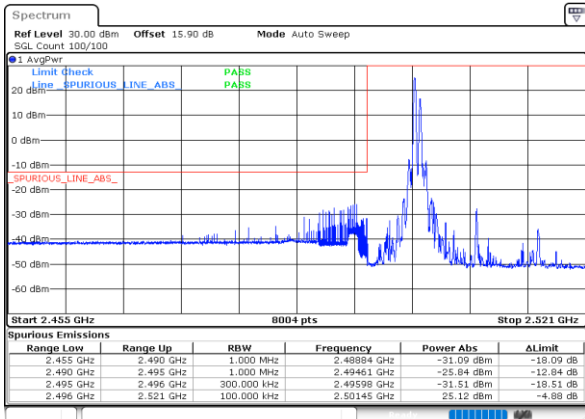
Date: 11.AUG.2023 16:54:47

Highest Band Edge / 1RB0 and 1RB99



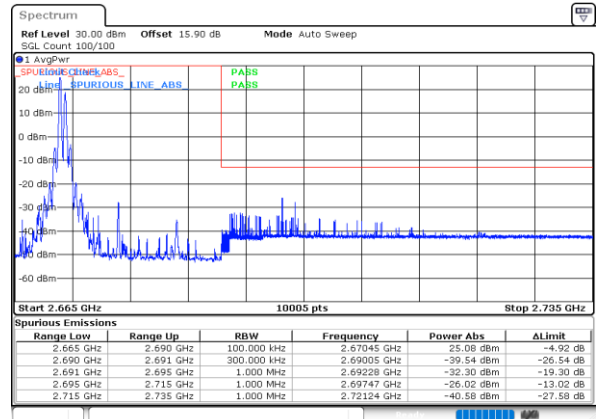
Date: 11.AUG.2023 16:41:10

Lowest Band Edge / 1RB24 and 1RB0



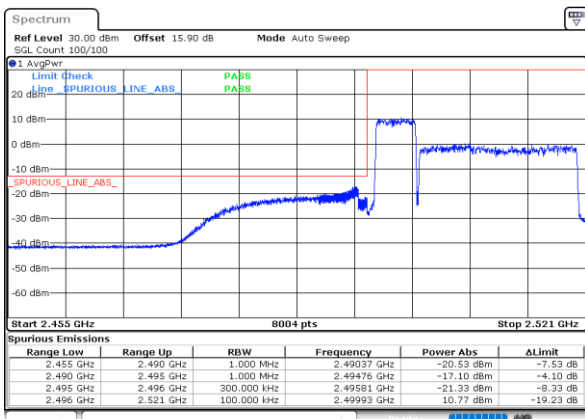
Date: 11.AUG.2023 16:58:34

Highest Band Edge / 1RB24 and 1RB0



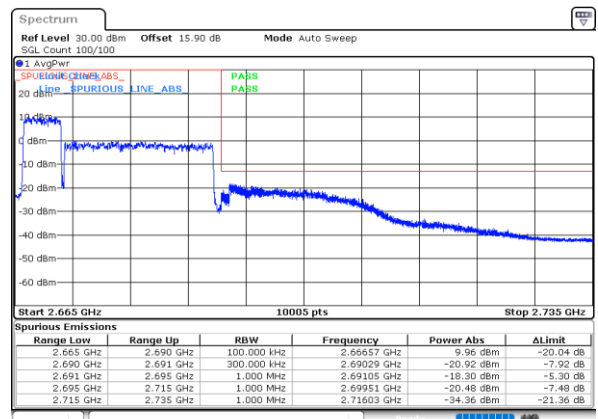
Date: 11.AUG.2023 16:44:57

Lowest Band Edge / Full RB



Date: 11.AUG.2023 16:49:53

Highest Band Edge / Full RB



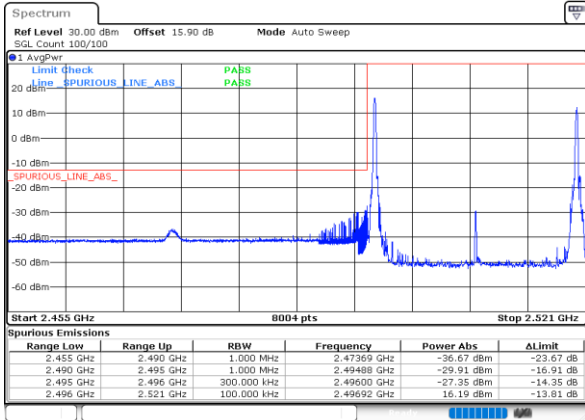
Date: 11.AUG.2023 16:36:10



4G-LTE CA Band 41C (PC2) / 10MHz+15MHz

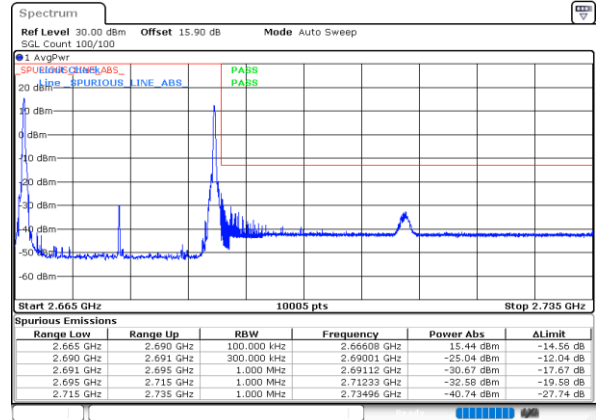
QPSK

Lowest Band Edge / 1RB0 and 1RB74



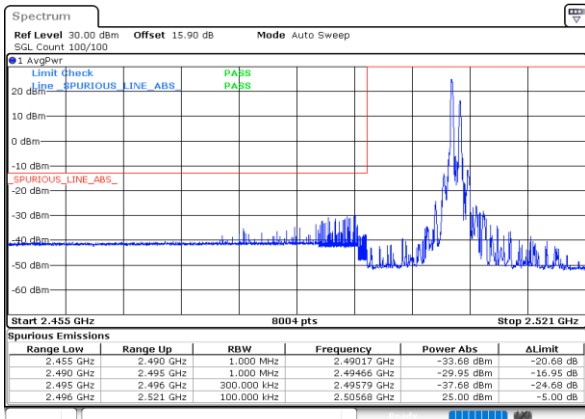
Date: 11.AUG.2023 17:24:12

Highest Band Edge / 1RB0 and 1RB74



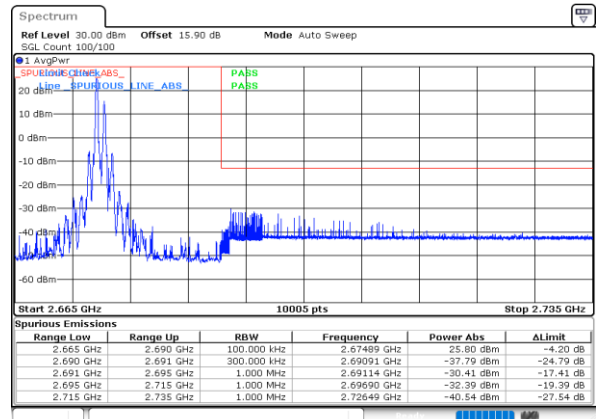
Date: 11.AUG.2023 17:10:42

Lowest Band Edge / 1RB49 and 1RB0



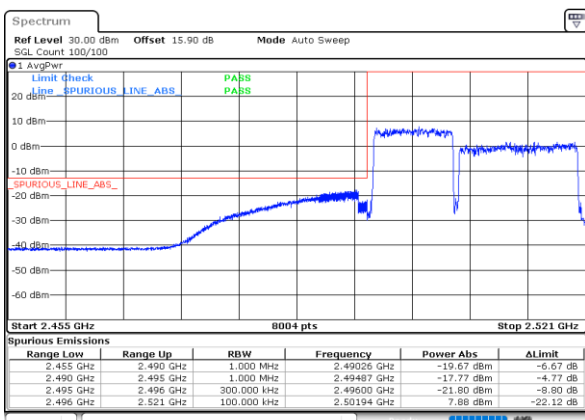
Date: 11.AUG.2023 17:27:53

Highest Band Edge / 1RB49 and 1RB0



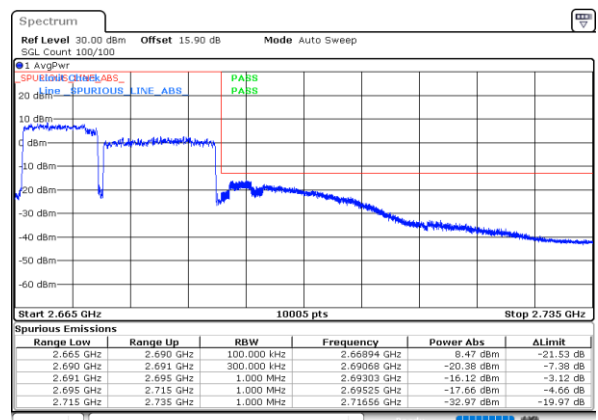
Date: 11.AUG.2023 17:14:28

Lowest Band Edge / Full RB



Date: 11.AUG.2023 17:19:24

Highest Band Edge / Full RB



Date: 11.AUG.2023 17:05:49