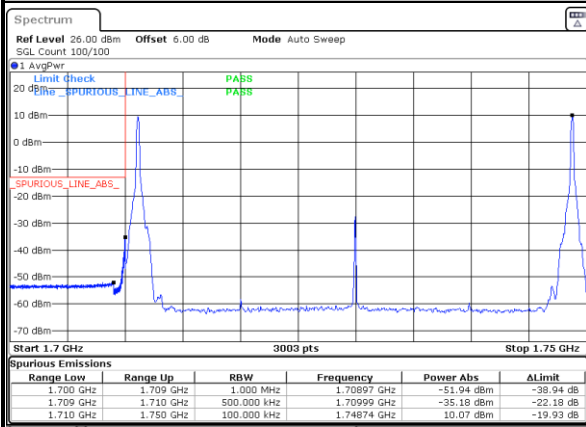




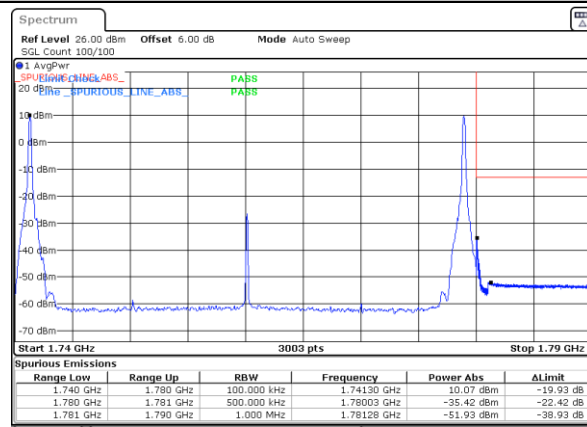
LTE Band 66C / 20MHz+20MHz

256QAM

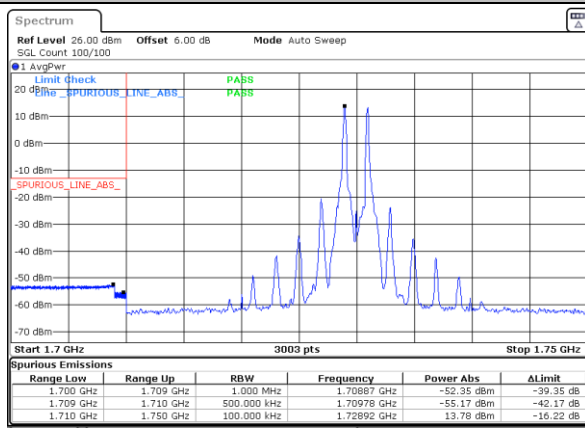
Lowest Band Edge / 1RB0 and 1RB99



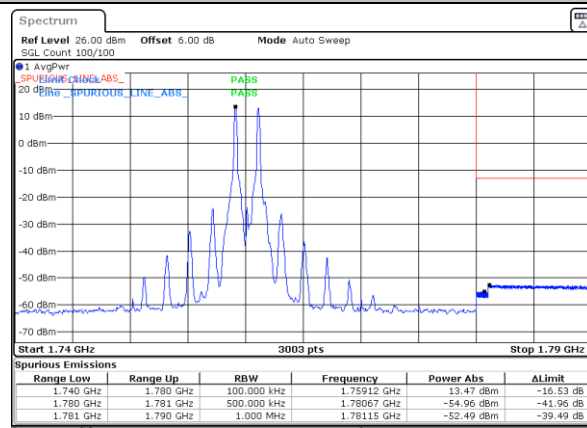
Highest Band Edge / 1RB0 and 1RB99



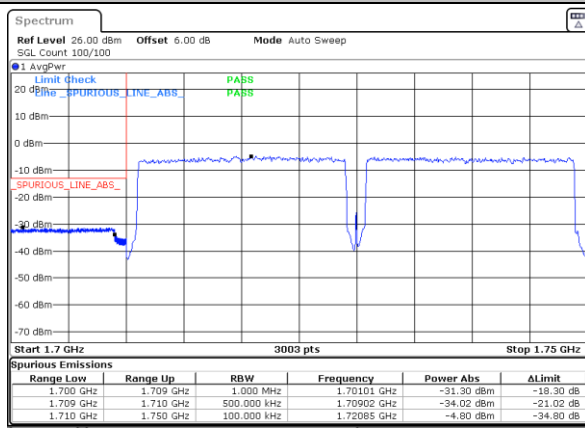
Lowest Band Edge / 1RB99 and 1RB0



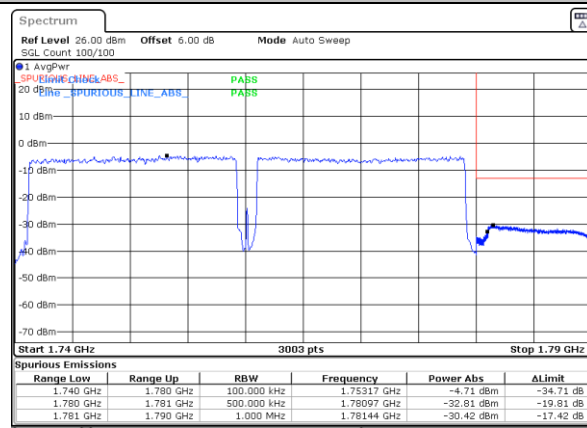
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



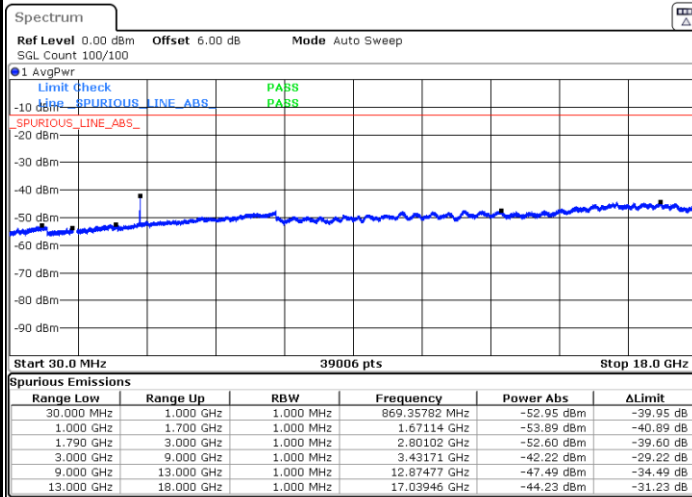
Highest Band Edge / Full RB





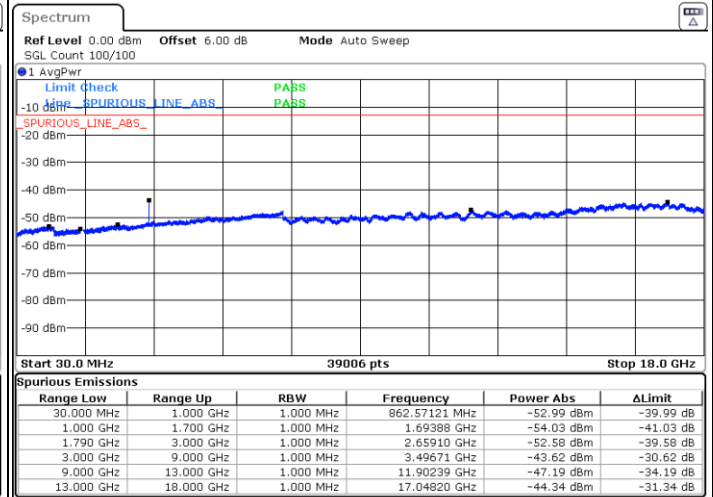
Conducted Spurious Emission

LTE Band 66C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0



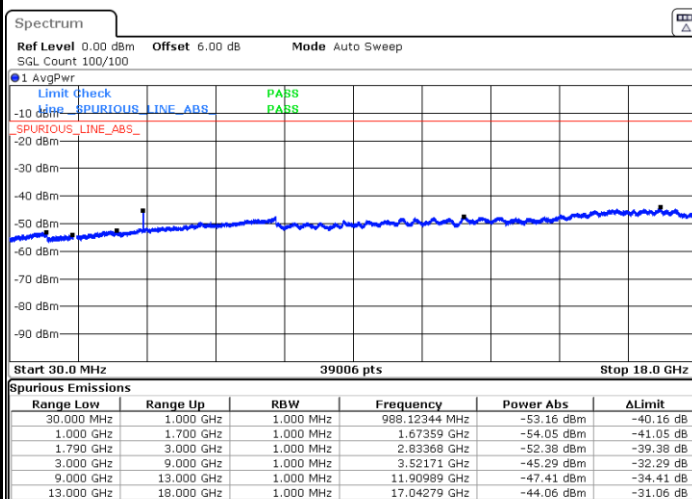
Date: 11.JUL.2024 23:15:47

LTE Band 66C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

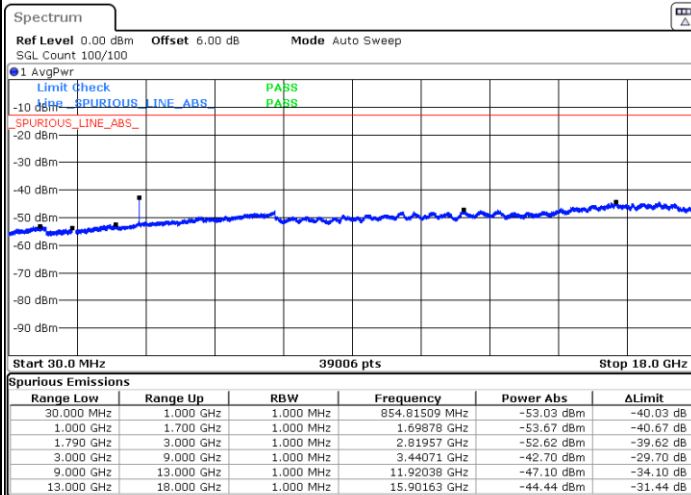


Date: 11.JUL.2024 23:19:31

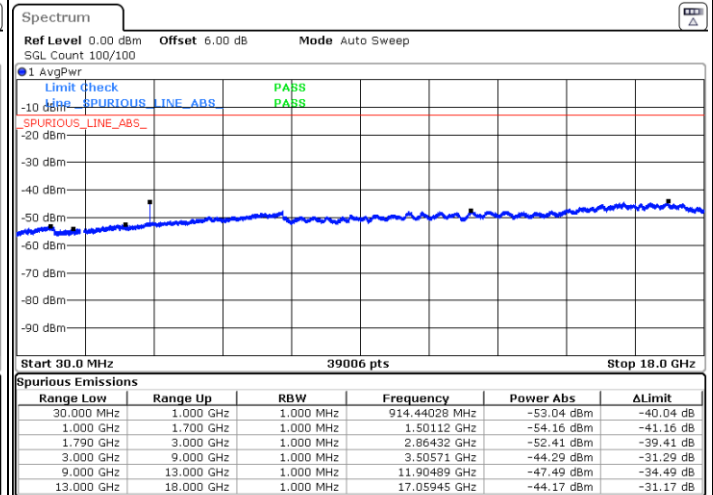
LTE Band 66C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



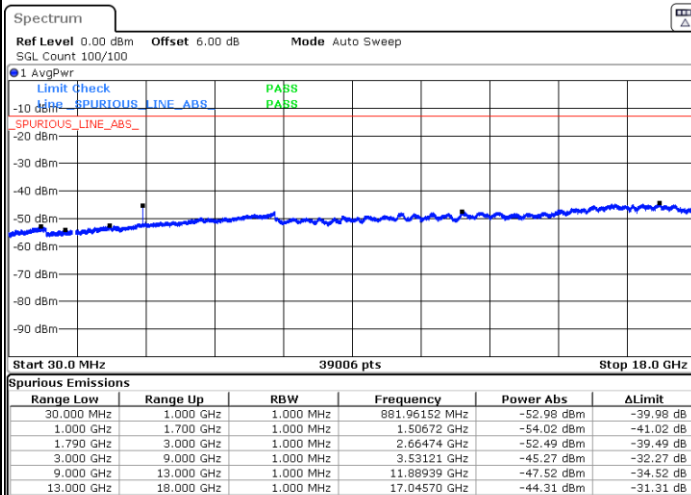
Date: 11.JUL.2024 23:33:42

LTE Band 66C / 10MHz+15MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 10MHz+15MHz QPSK Middle
Channel / 1RB24 and 1RB0

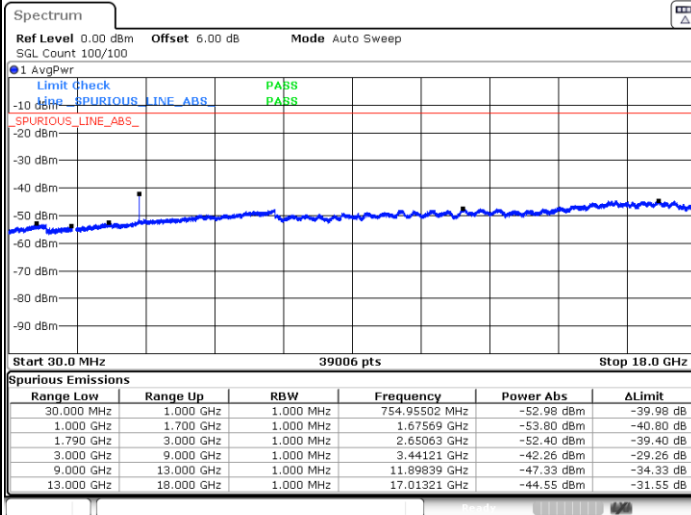
Date: 11.JUL.2024 23:49:45



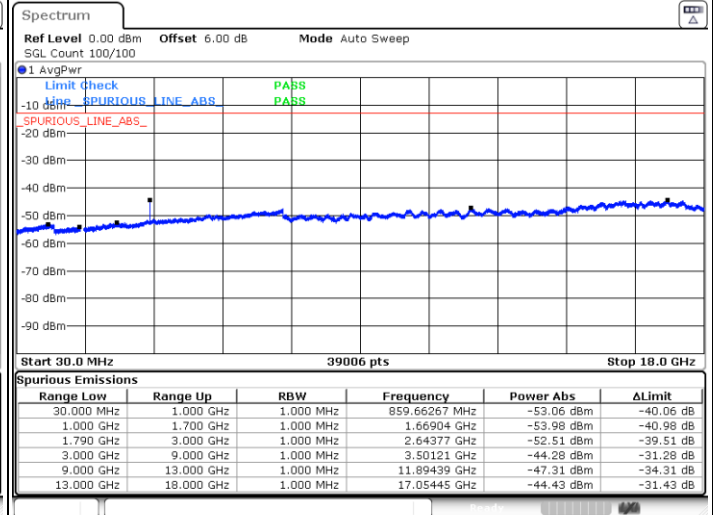
Date: 11.JUL.2024 23:51:27

LTE Band 66C / 10MHz+15MHz QPSK Highest
Channel / 1RB24 and 1RB0

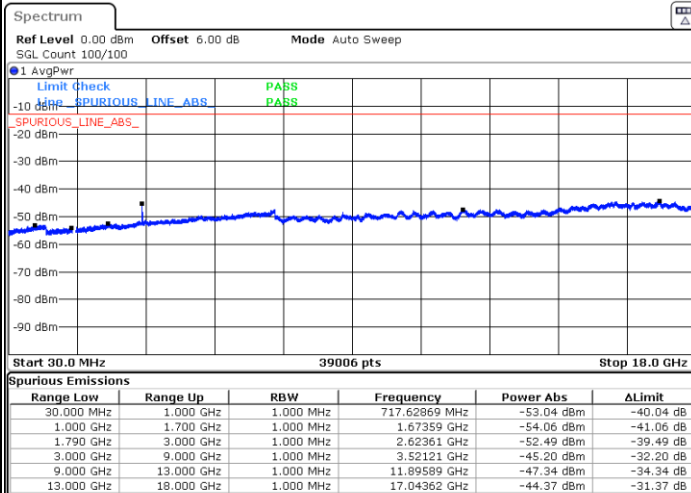
Date: 12.JUL.2024 00:07:39

LTE Band 66C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0LTE Band 66C / 10MHz+20MHz QPSK Middle
Channel / 1RB49 and 1RB0

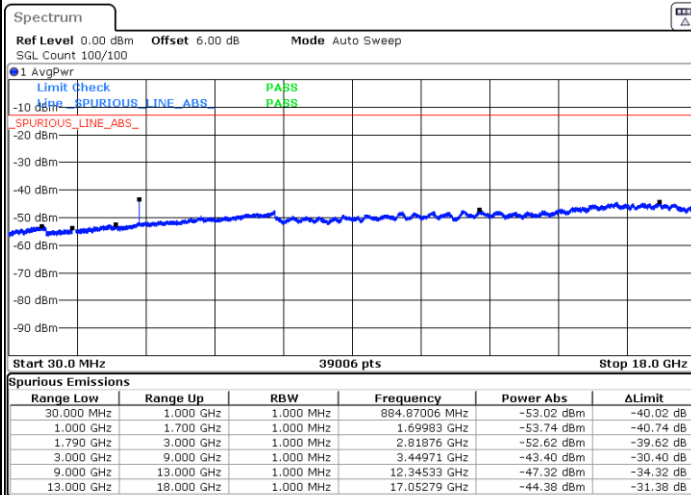
Date: 12.JUL.2024 00:53:59



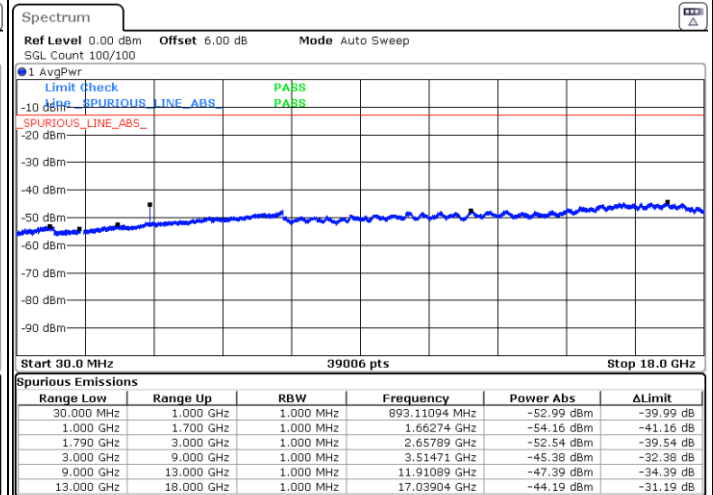
Date: 12.JUL.2024 00:57:41

LTE Band 66C / 10MHz+20MHz QPSK Highest
Channel / 1RB49 and 1RB0

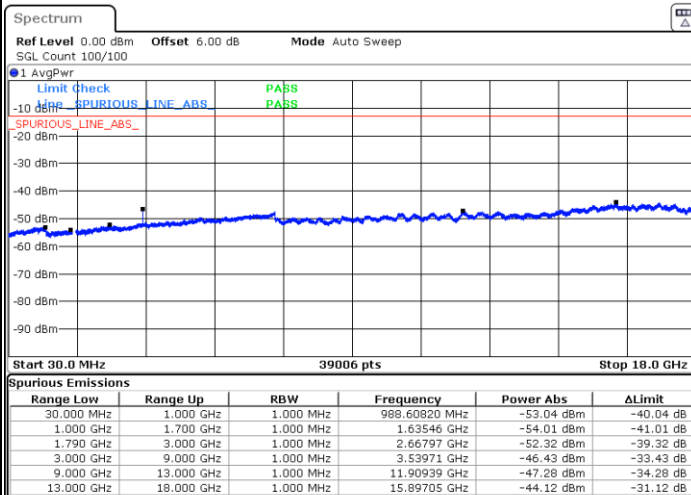
Date: 12.JUL.2024 01:11:46

LTE Band 66C / 15MHz+10MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+10MHz QPSK Middle
Channel / 1RB24 and 1RB0

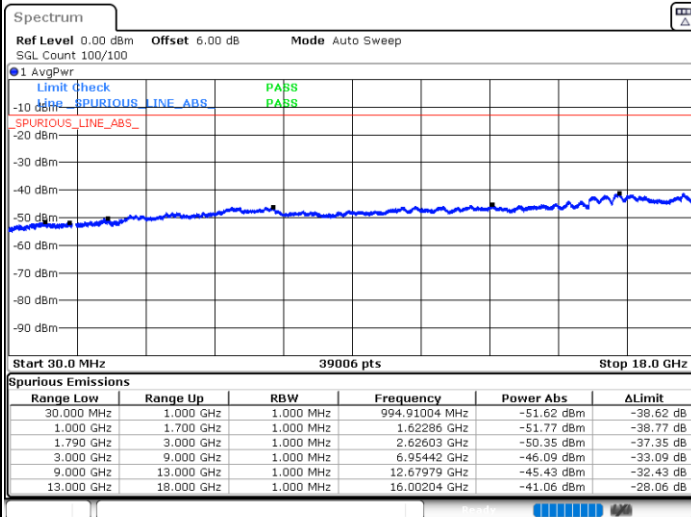
Date: 12.JUL.2024 00:39:54



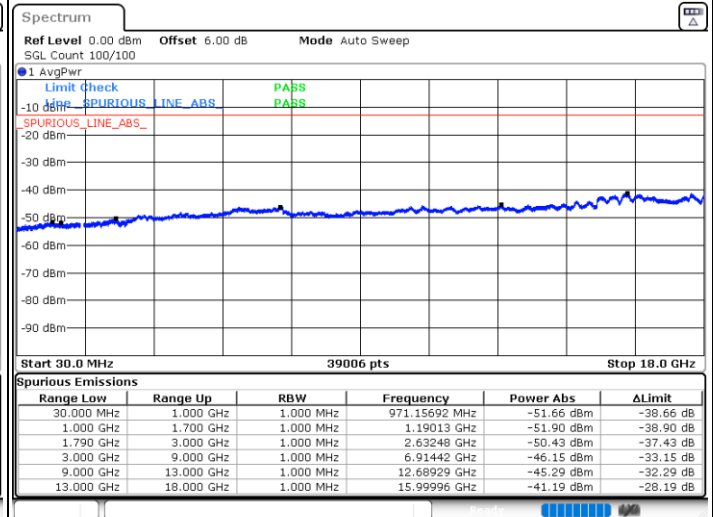
Date: 12.JUL.2024 00:23:27

LTE Band 66C / 15MHz+10MHz QPSK Highest
Channel / 1RB24 and 1RB0

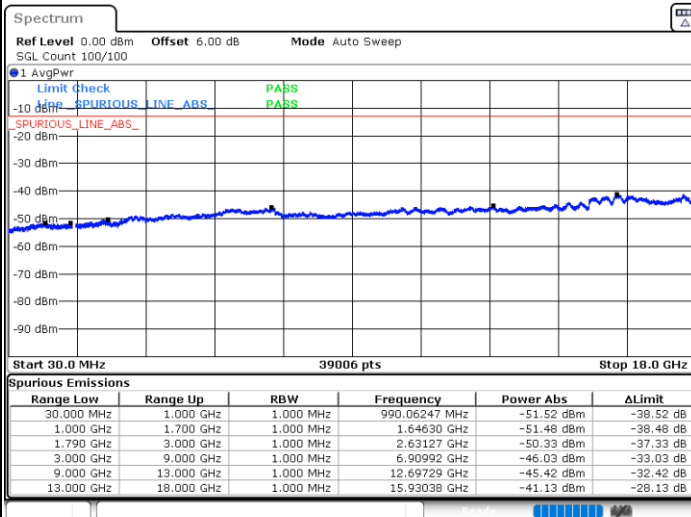
Date: 12.JUL.2024 00:21:46

LTE Band 66C / 15MHz+15MHz QPSK Lowest
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+15MHz QPSK Middle
Channel / 1RB24 and 1RB0

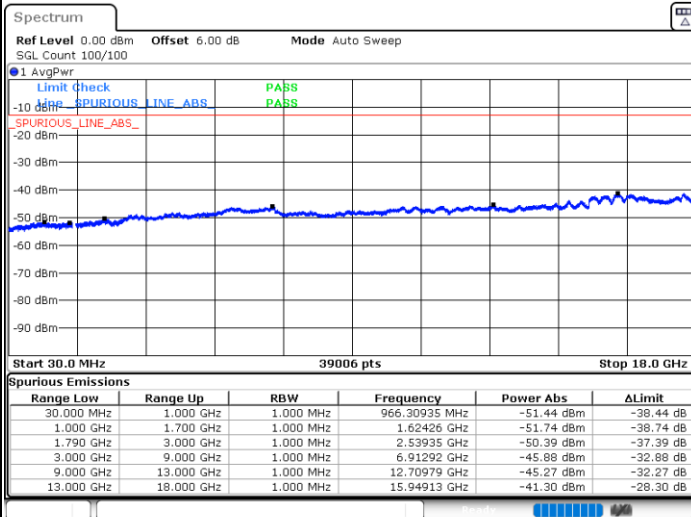
Date: 12.JUL.2024 02:16:23



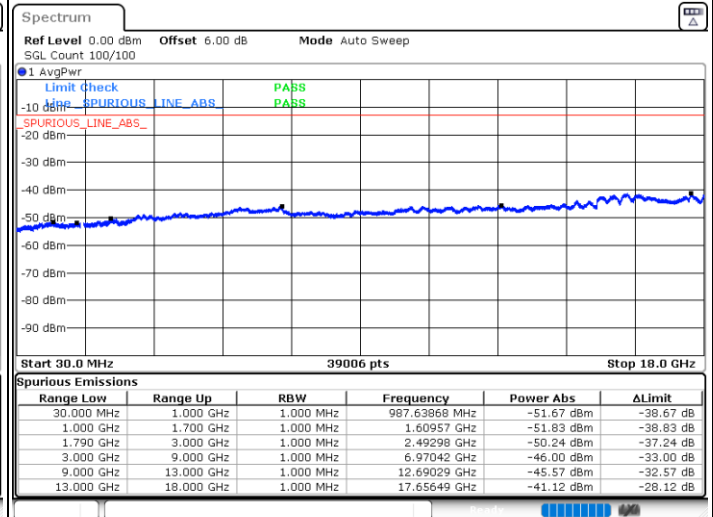
Date: 12.JUL.2024 02:19:55

LTE Band 66C / 15MHz+15MHz QPSK Highest
Channel / 1RB24 and 1RB0

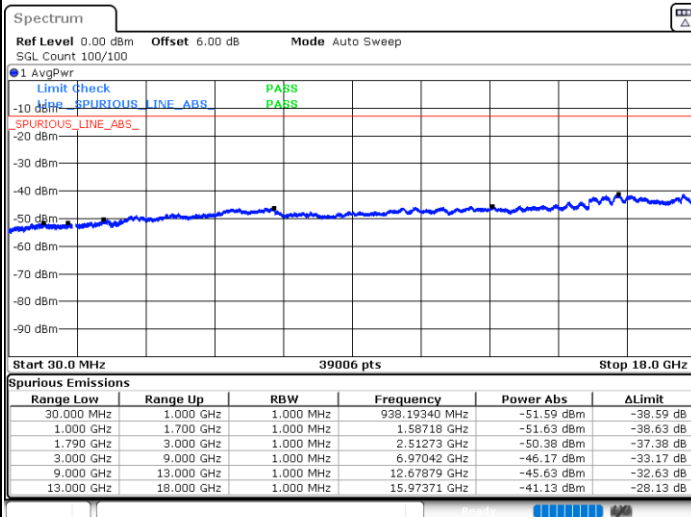
Date: 12.JUL.2024 02:34:38

LTE Band 66C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0LTE Band 66C / 15MHz+20MHz QPSK Middle
Channel / 1RB74 and 1RB0

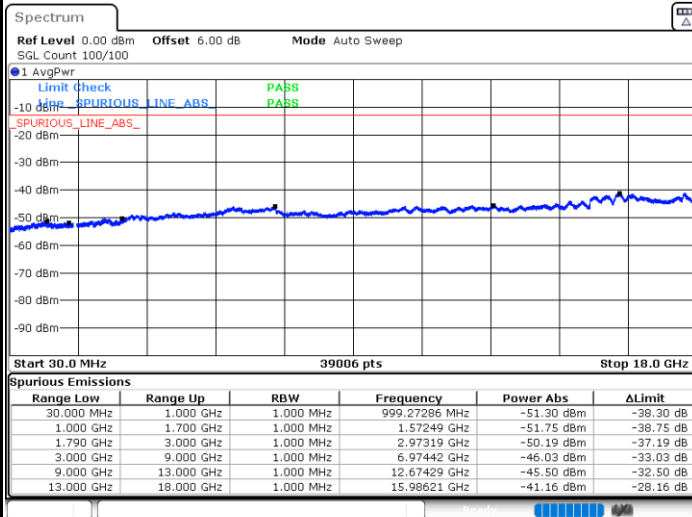
Date: 12.JUL.2024 02:48:29



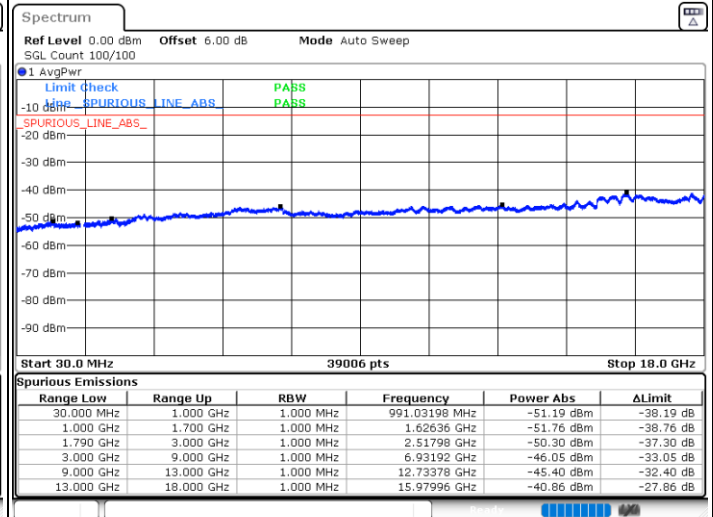
Date: 12.JUL.2024 02:52:10

LTE Band 66C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0

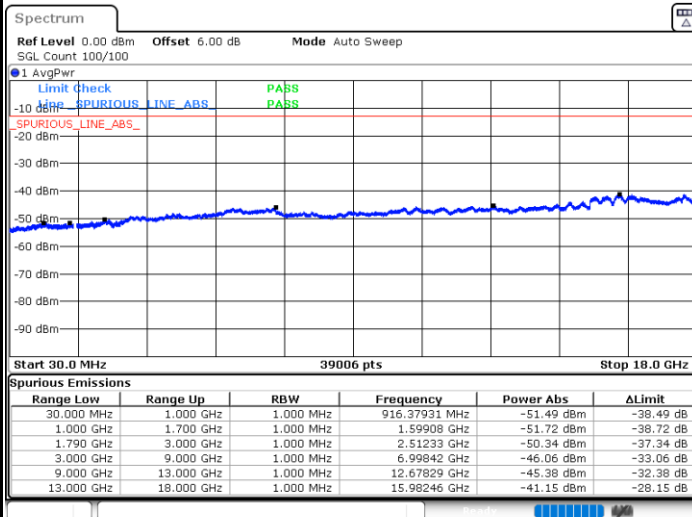
Date: 12.JUL.2024 03:06:00

LTE Band 66C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0

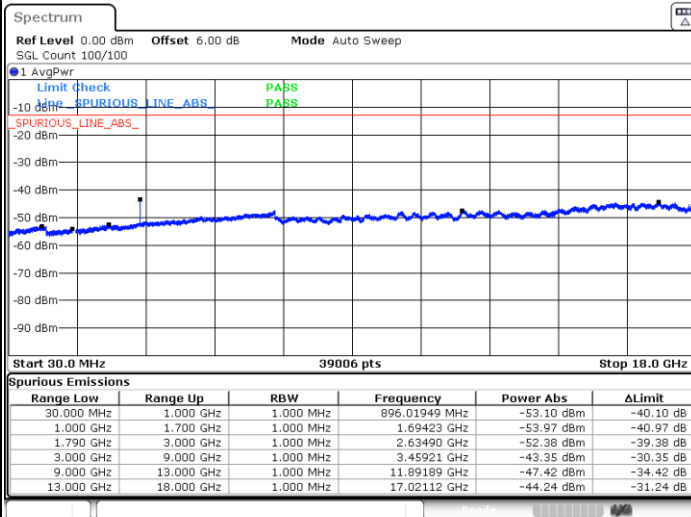
Date: 12.JUL.2024 03:51:17

LTE Band 66C / 20MHz+5MHz QPSK Middle Channel
/ 1RB99 and 1RB0

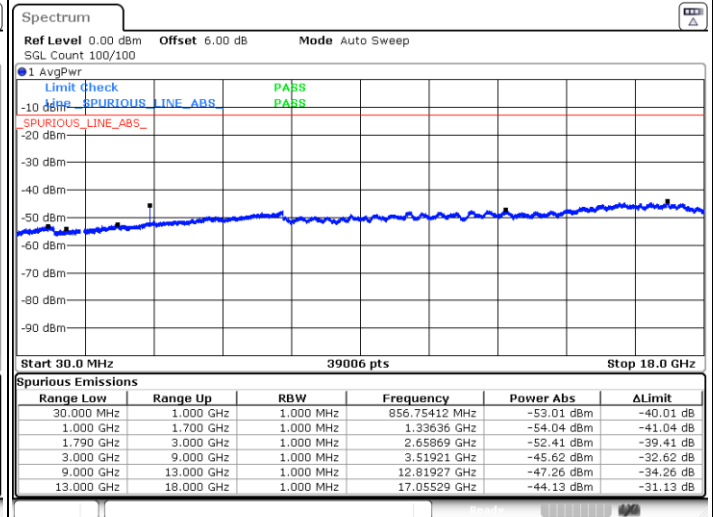
Date: 12.JUL.2024 03:54:58

LTE Band 66C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0

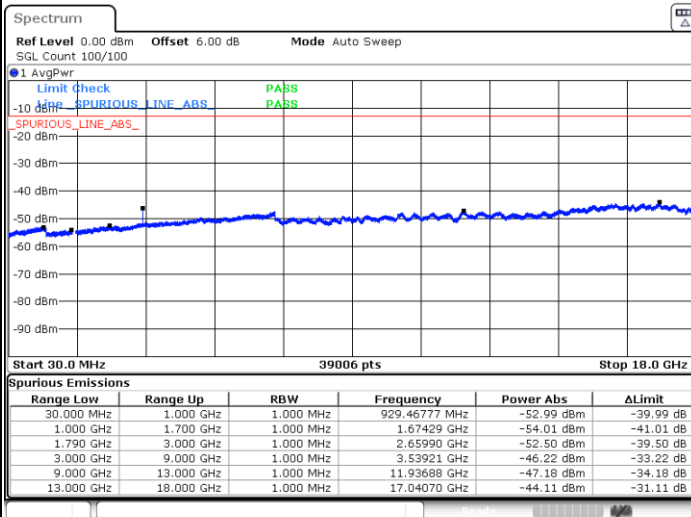
Date: 12.JUL.2024 04:08:50

LTE Band 66C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0

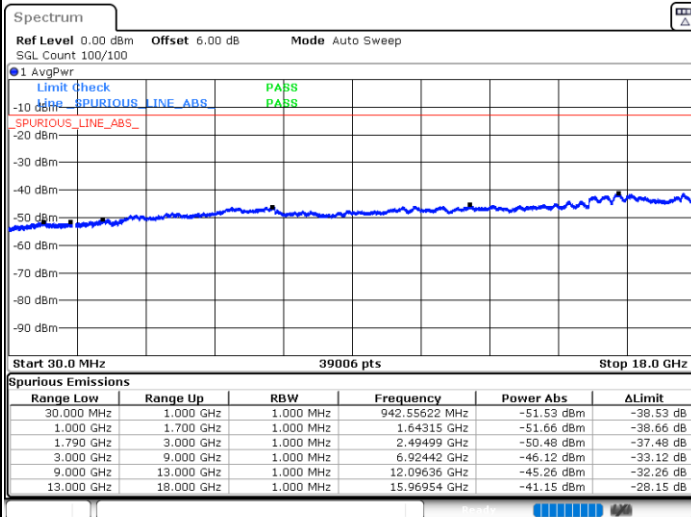
Date: 12.JUL.2024 01:25:57



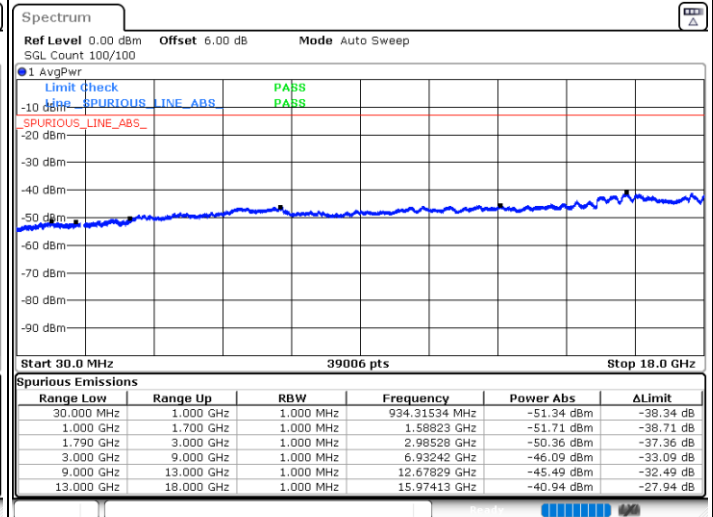
Date: 12.JUL.2024 01:27:38

LTE Band 66C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0

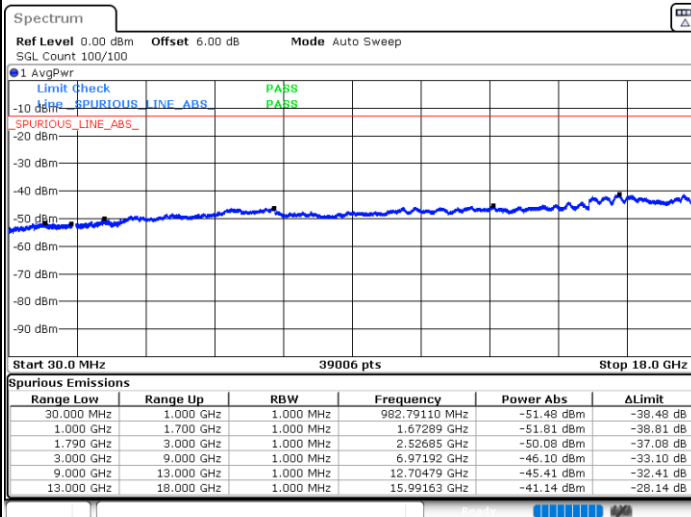
Date: 12.JUL.2024 01:44:15

LTE Band 66C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0

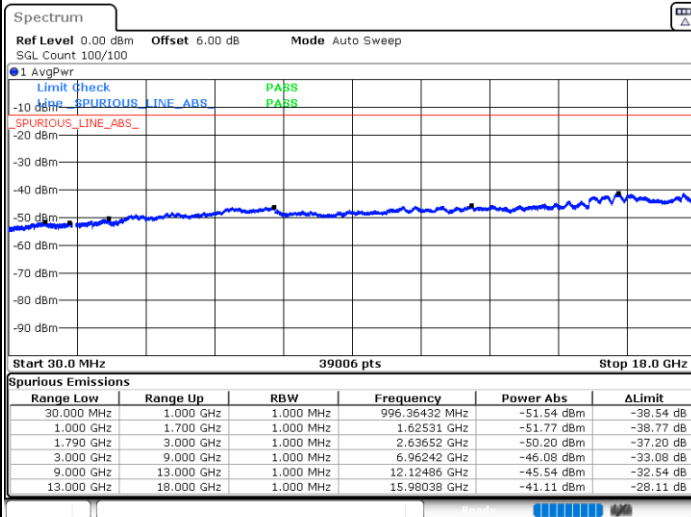
Date: 12.JUL.2024 03:19:55



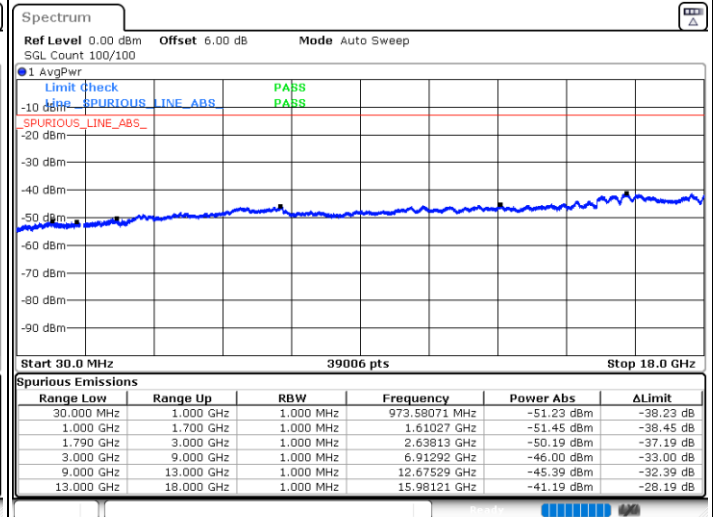
Date: 12.JUL.2024 03:23:35

LTE Band 66C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0

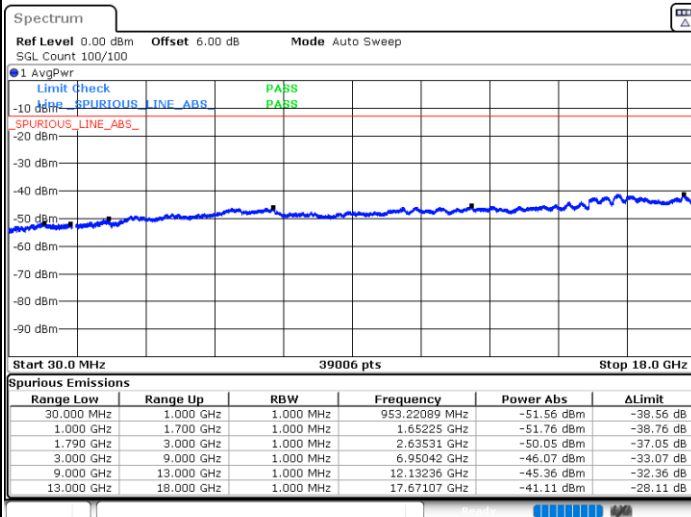
Date: 12.JUL.2024 03:37:26

LTE Band 66C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0

Date: 12.JUL.2024 04:22:20



Date: 12.JUL.2024 04:23:57

LTE Band 66C / 20MHz+20MHz QPSK Highest
Channel / 1RB99 and 1RB0

Date: 12.JUL.2024 04:39:30

Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0059	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

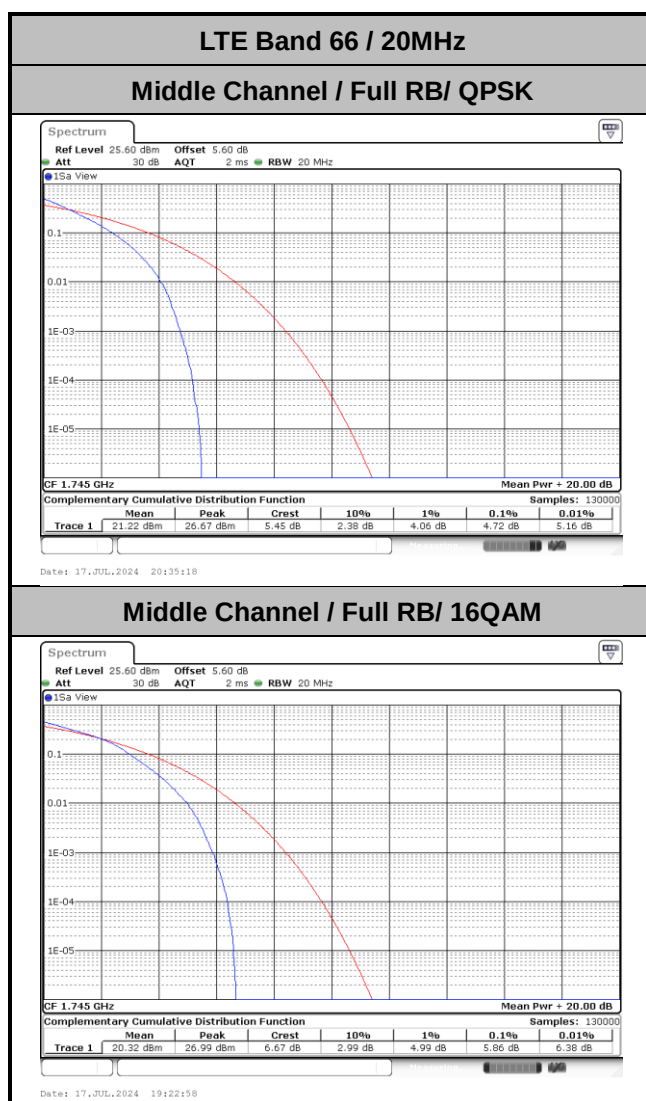
Note:

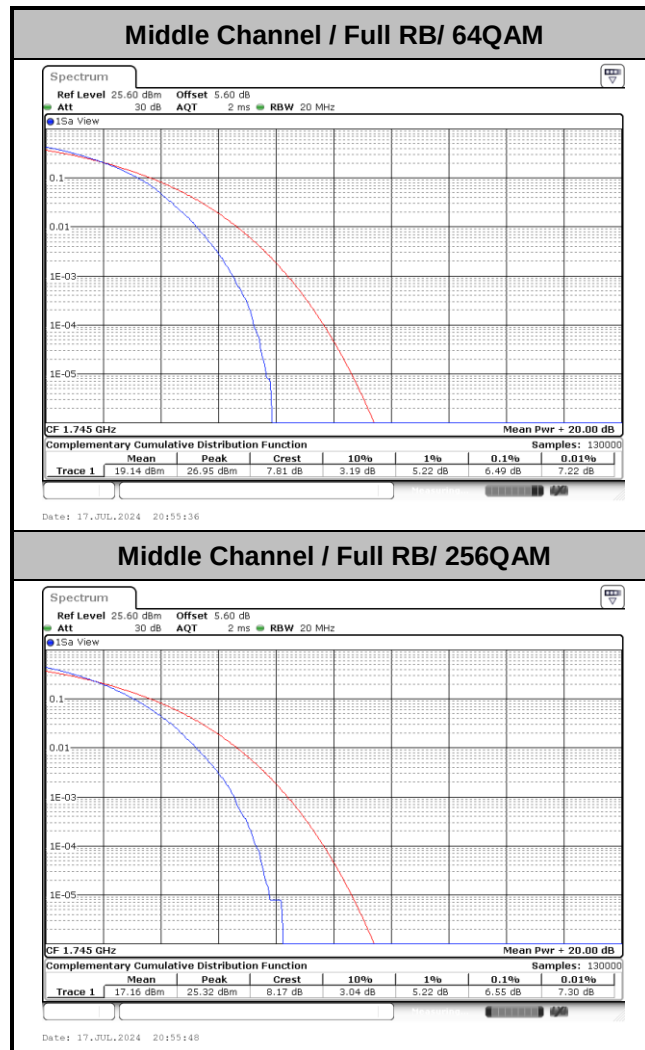
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 66(Other PA)

Peak-to-Average Ratio

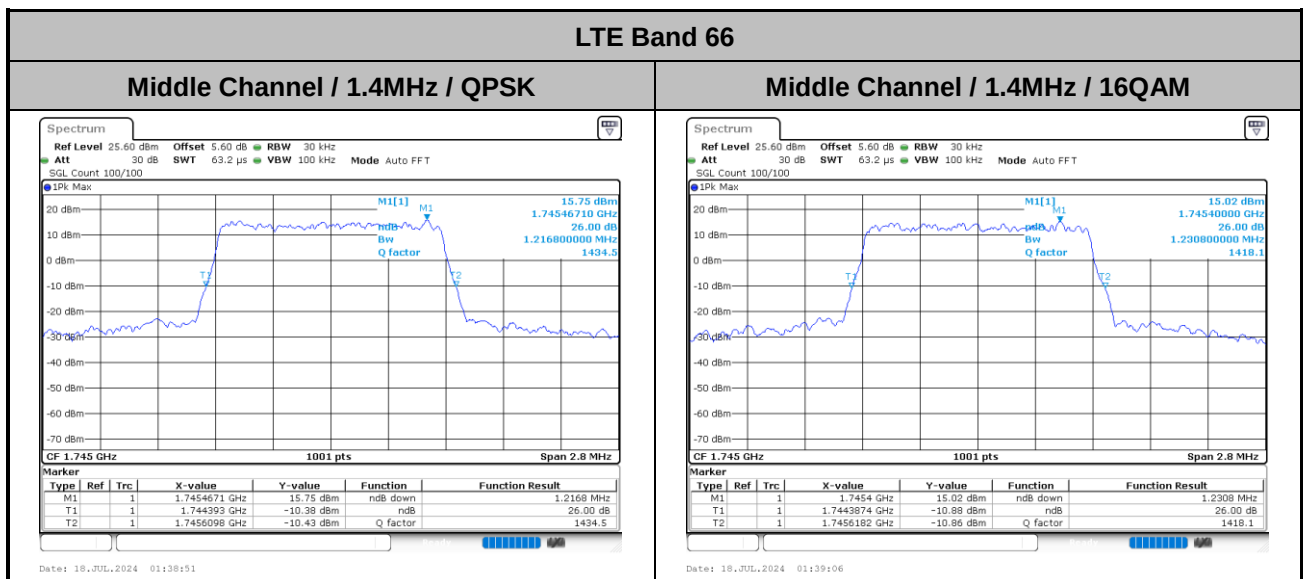
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.86	6.49	6.55	PASS





**26dB Bandwidth**

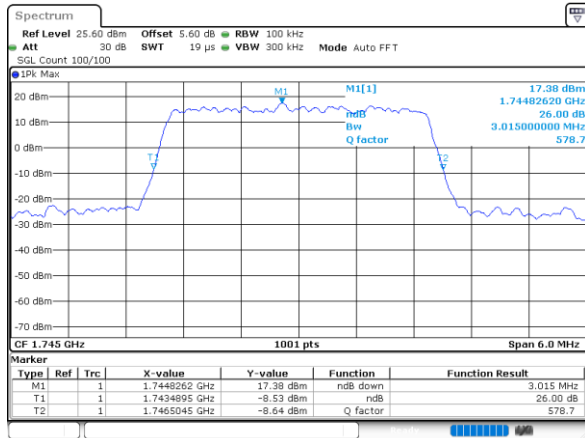
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.22	1.23
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.02	3.03
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.79
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.69
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.39	14.27
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	19.18



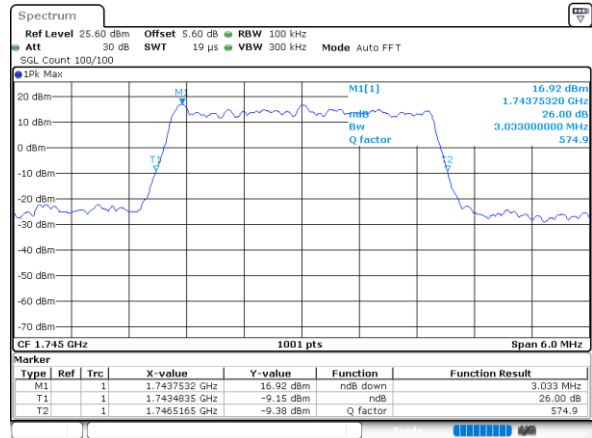


LTE Band 66

Middle Channel / 3MHz / QPSK

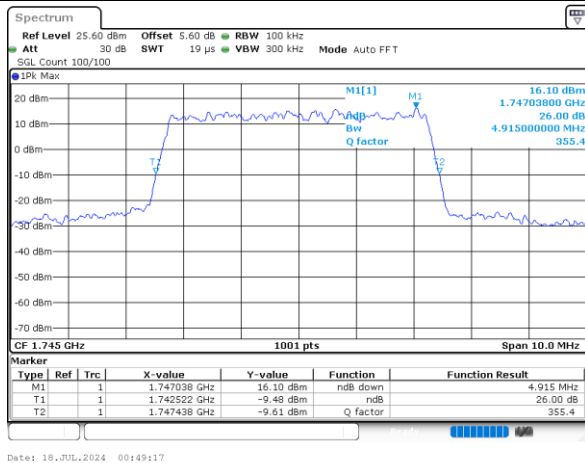


Middle Channel / 3MHz / 16QAM

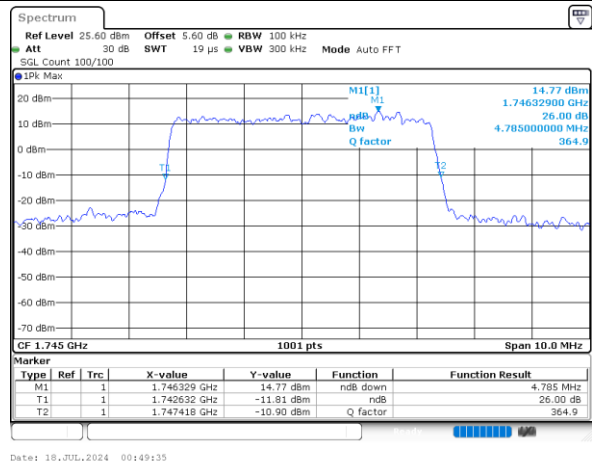


LTE Band 66

Middle Channel / 5MHz / QPSK

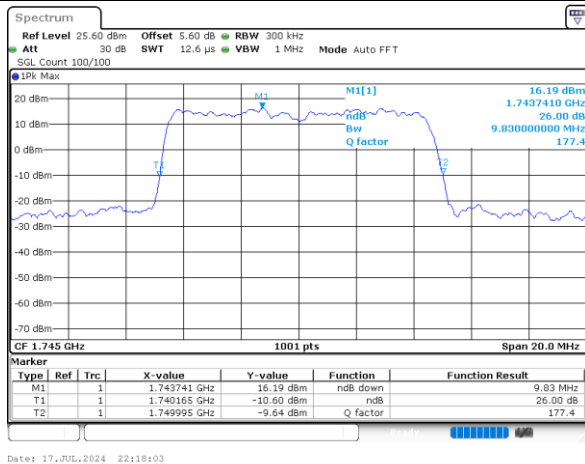


Middle Channel / 5MHz / 16QAM

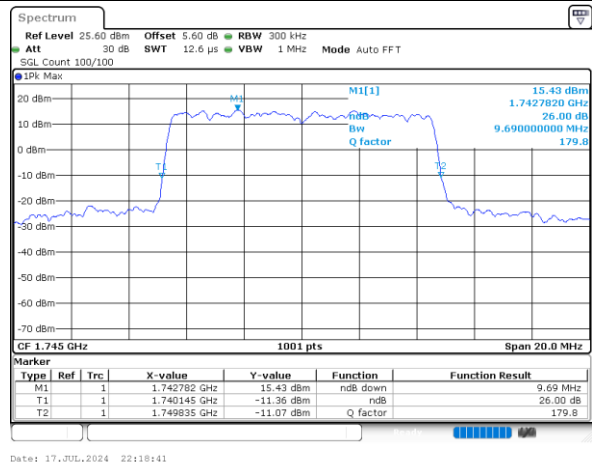


LTE Band 66

Middle Channel / 10MHz / QPSK



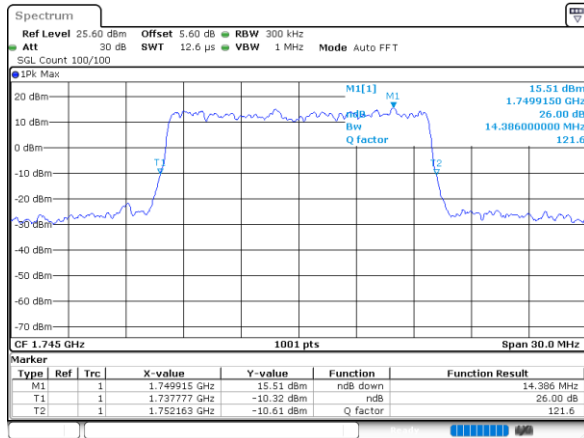
Middle Channel / 10MHz / 16QAM



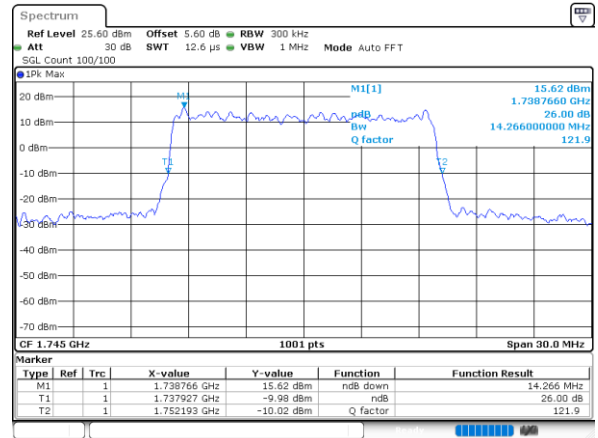


LTE Band 66

Middle Channel / 15MHz / QPSK

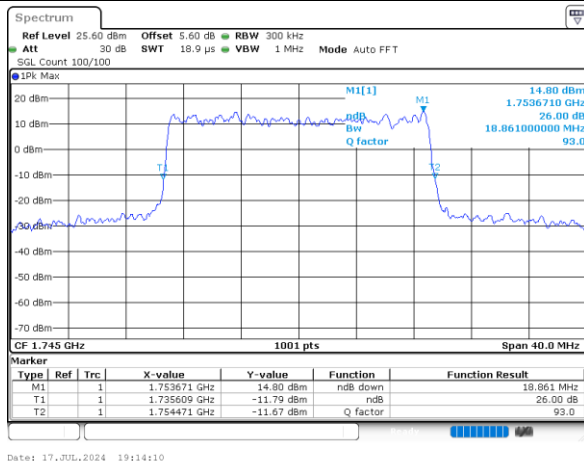


Middle Channel / 15MHz / 16QAM

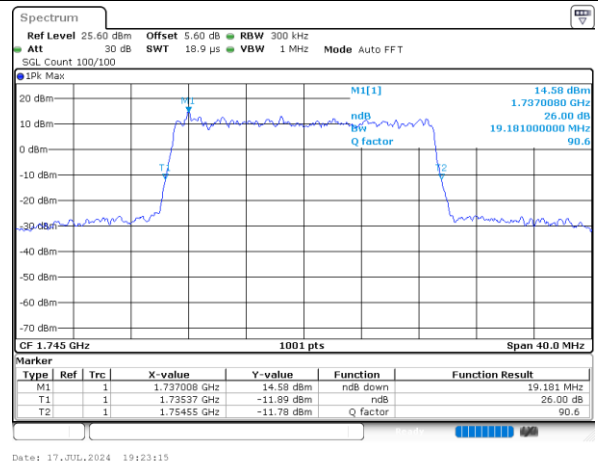


LTE Band 66

Middle Channel / 20MHz / QPSK

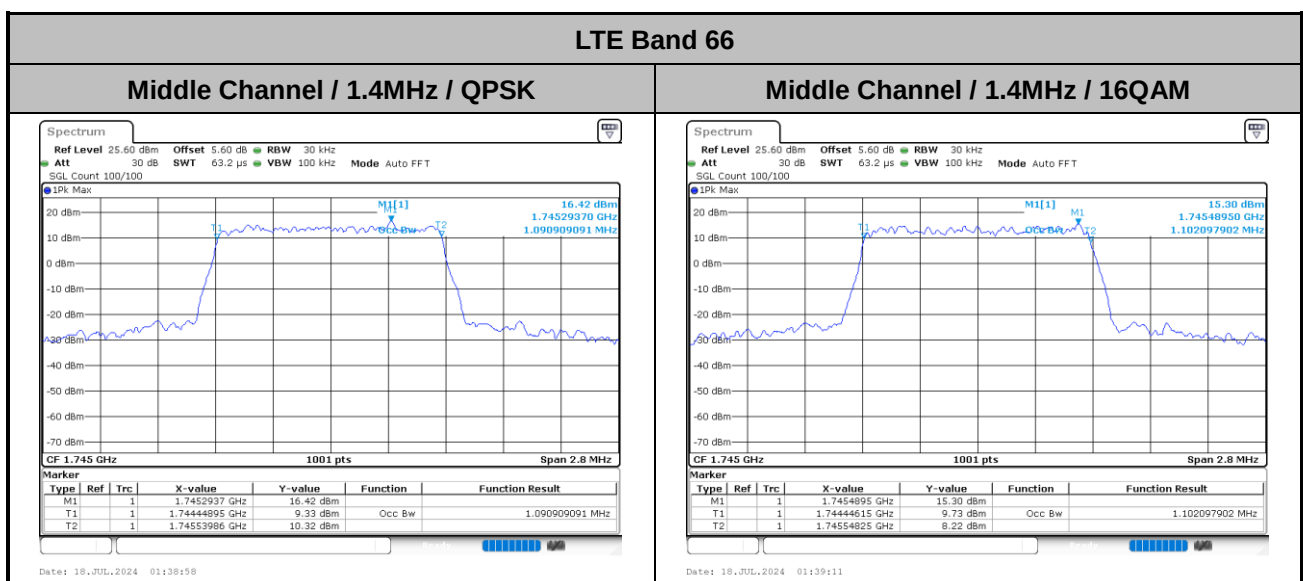


Middle Channel / 20MHz / 16QAM



**Occupied Bandwidth**

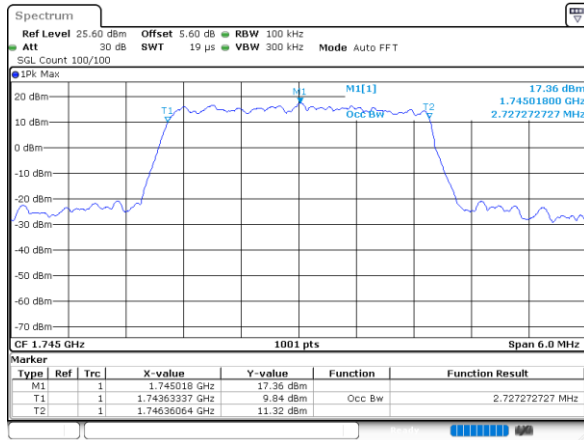
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.90



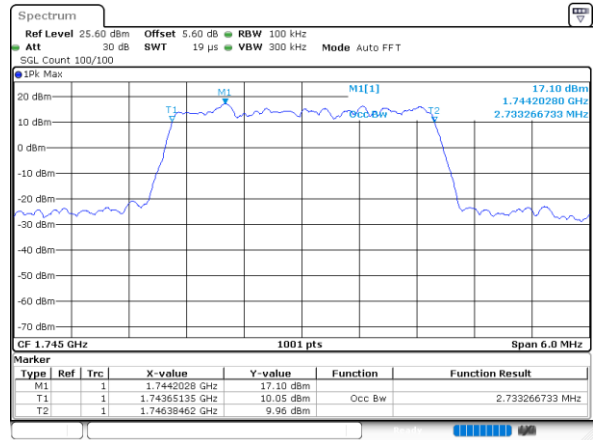


LTE Band 66

Middle Channel / 3MHz / QPSK

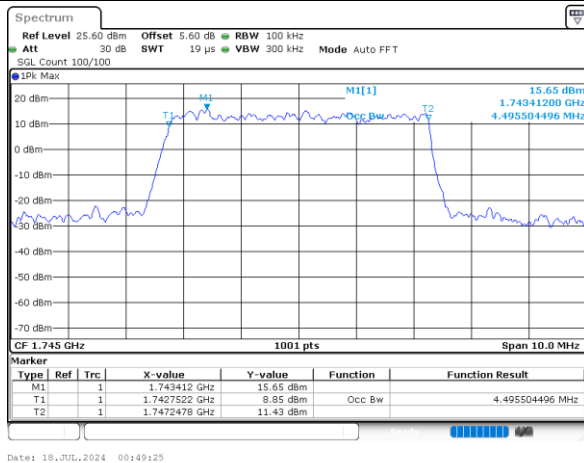


Middle Channel / 3MHz / 16QAM

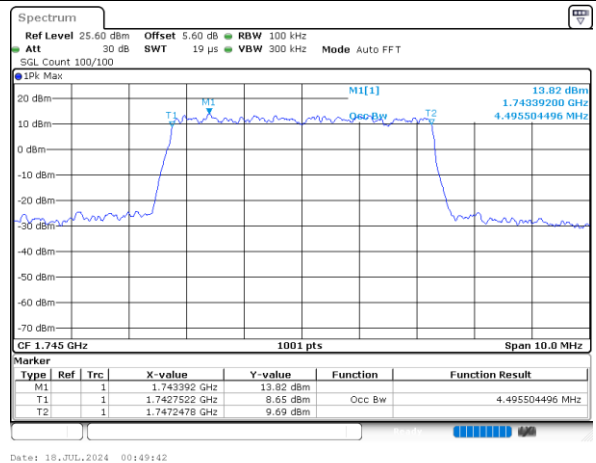


LTE Band 66

Middle Channel / 5MHz / QPSK

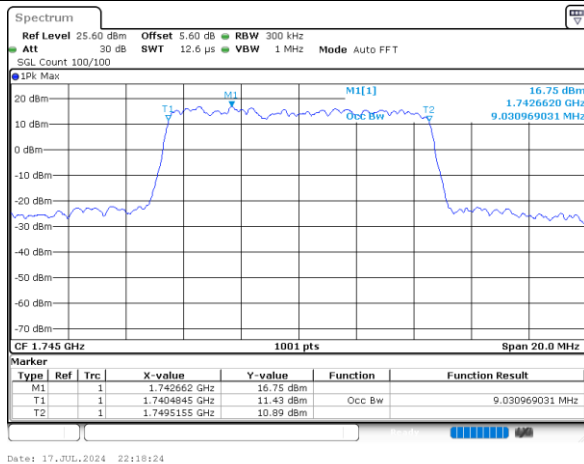


Middle Channel / 5MHz / 16QAM

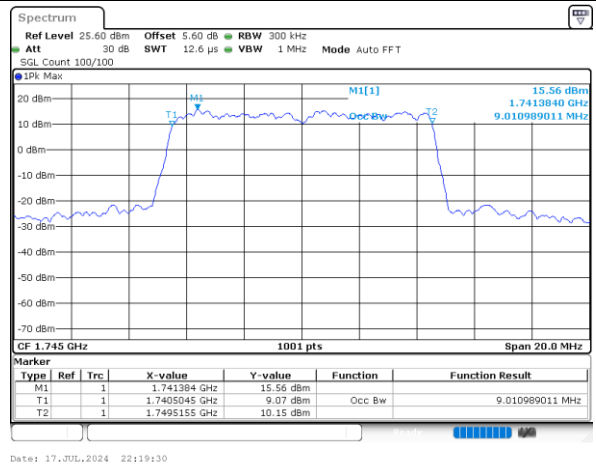


LTE Band 66

Middle Channel / 10MHz / QPSK



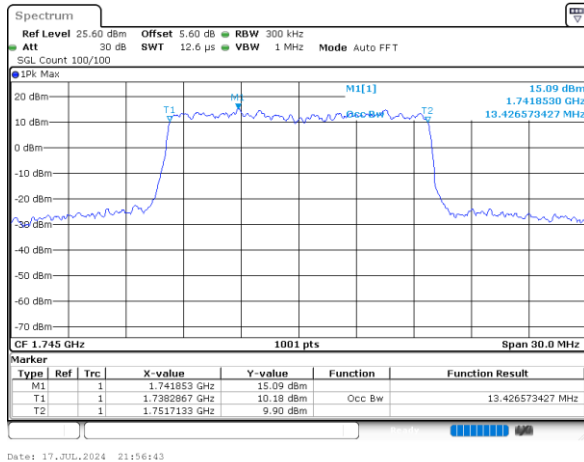
Middle Channel / 10MHz / 16QAM



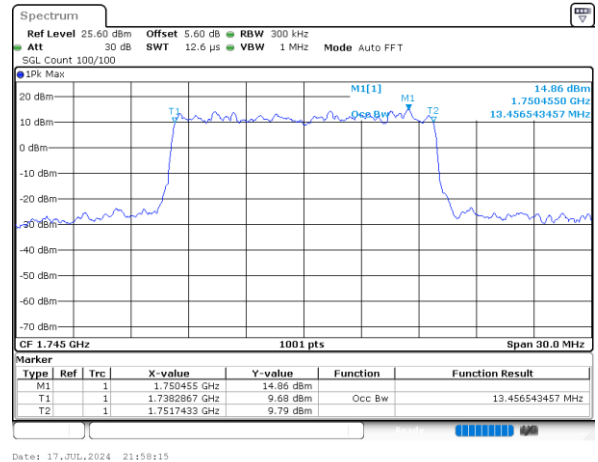


LTE Band 66

Middle Channel / 15MHz / QPSK

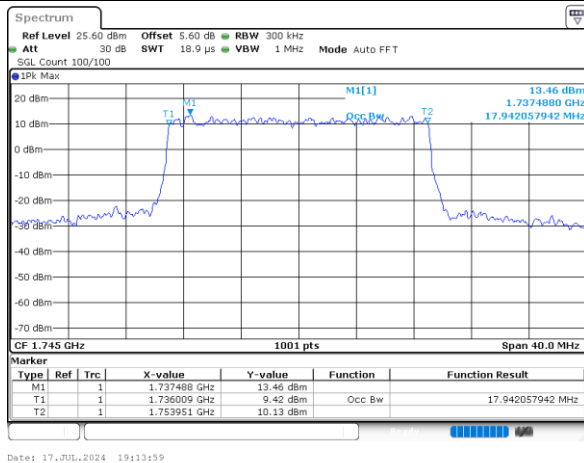


Middle Channel / 15MHz / 16QAM

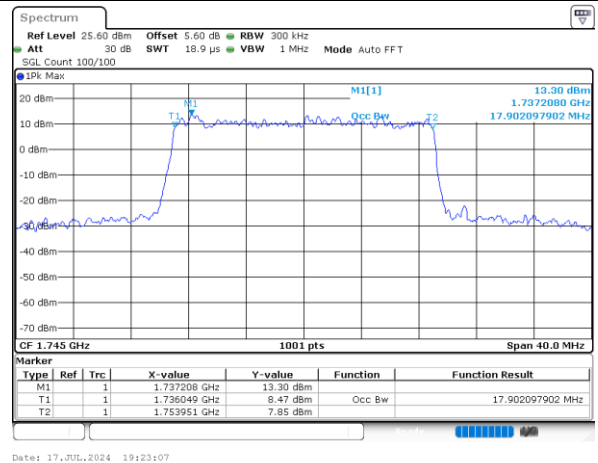


LTE Band 66

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

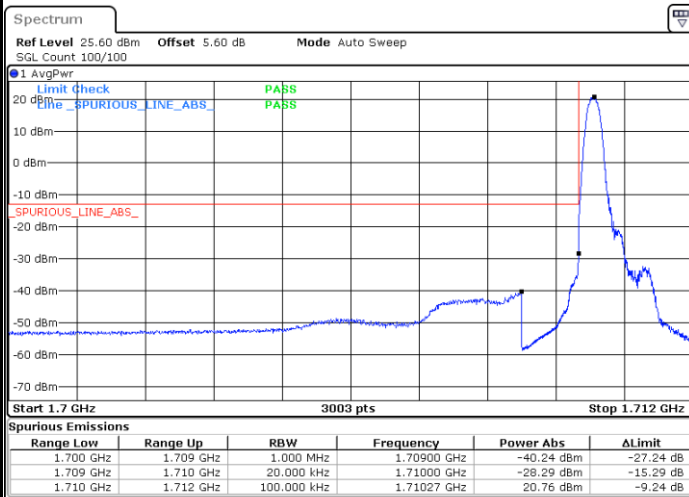




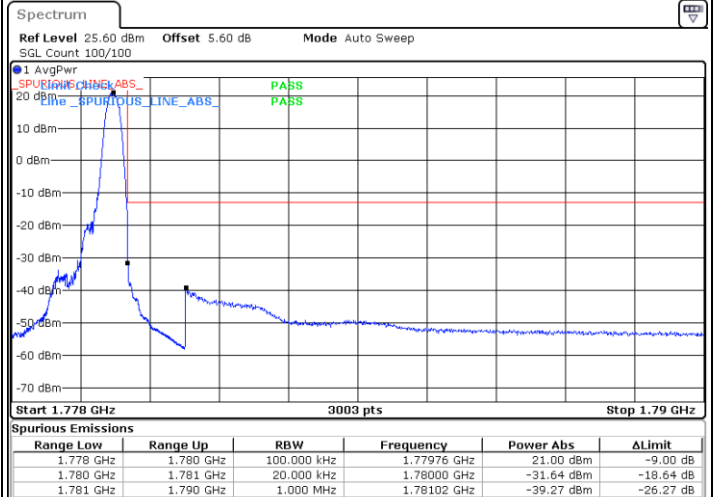
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

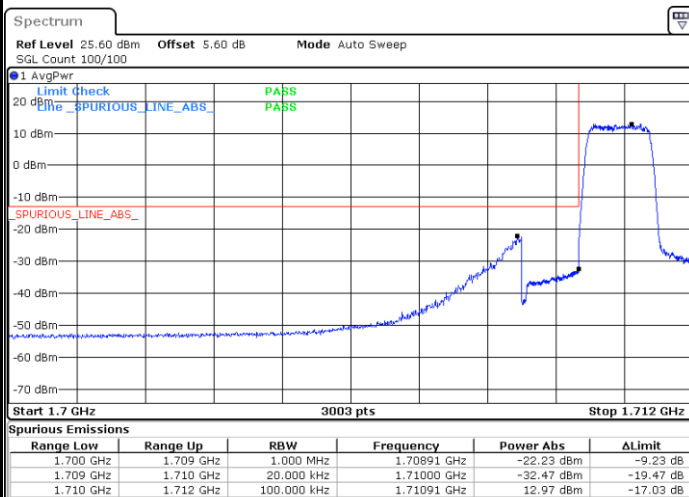
Lowest Band Edge / 1RB



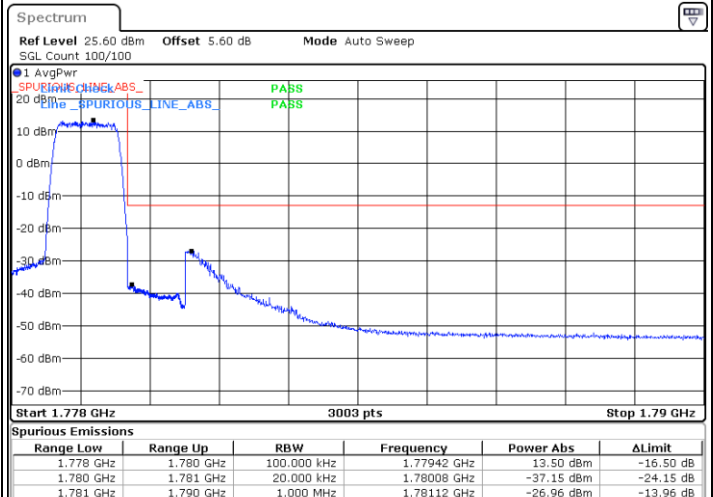
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



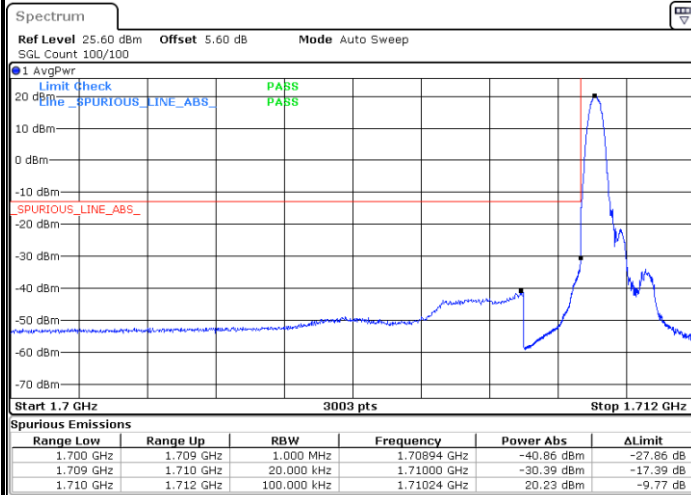
Highest Band Edge / Full RB



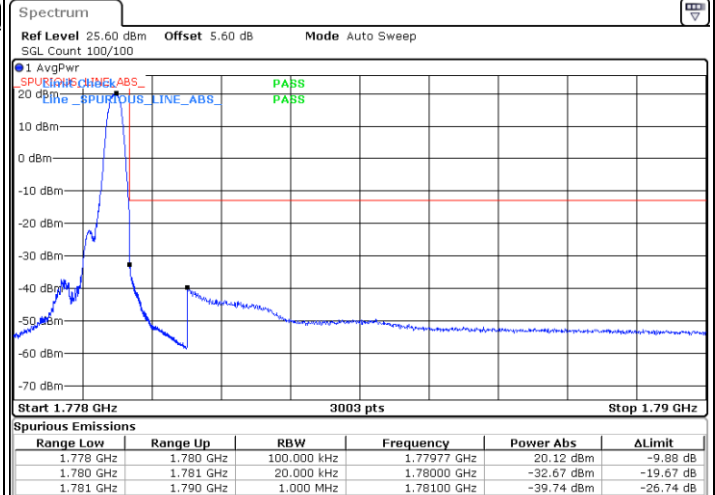


LTE Band 66 / 1.4MHz / 16QAM

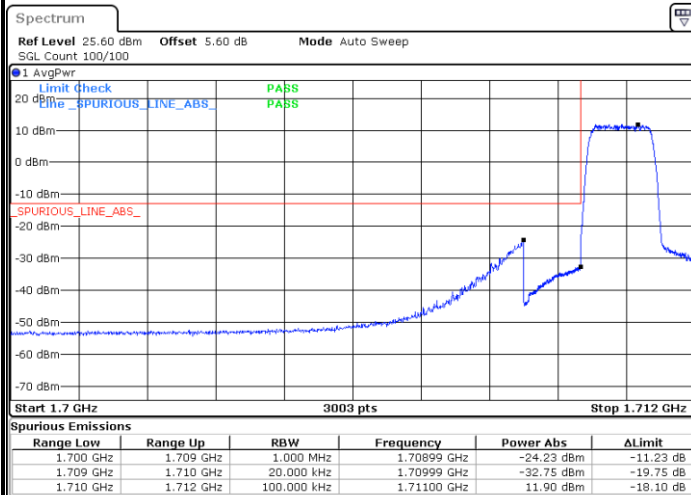
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



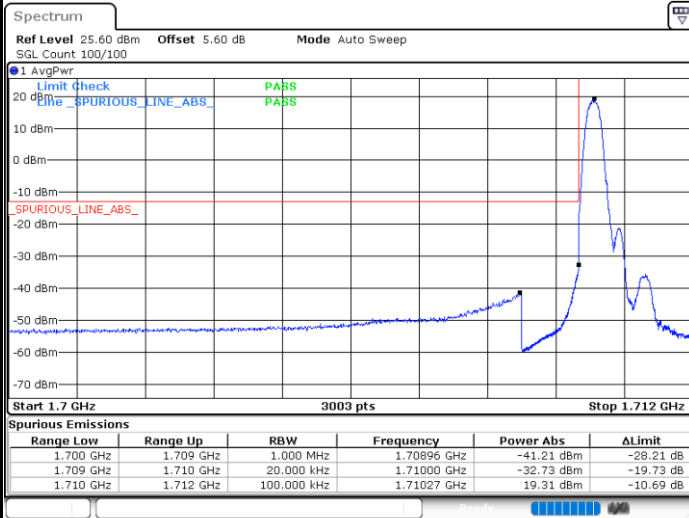
Highest Band Edge / Full RB



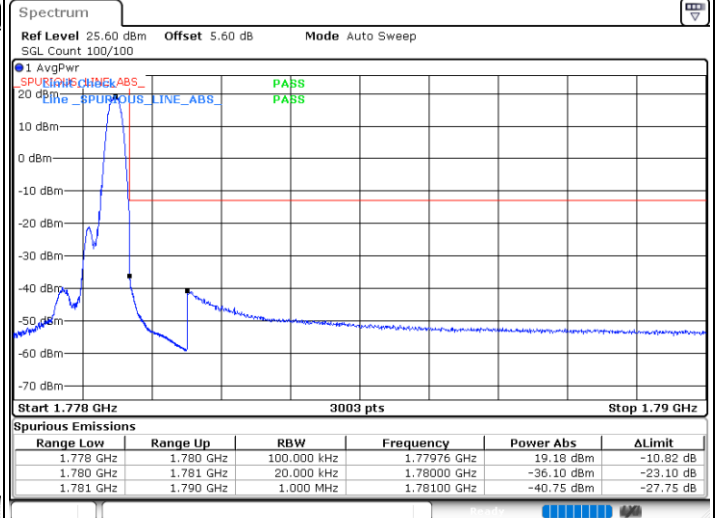


LTE Band 66 / 1.4MHz / 64QAM

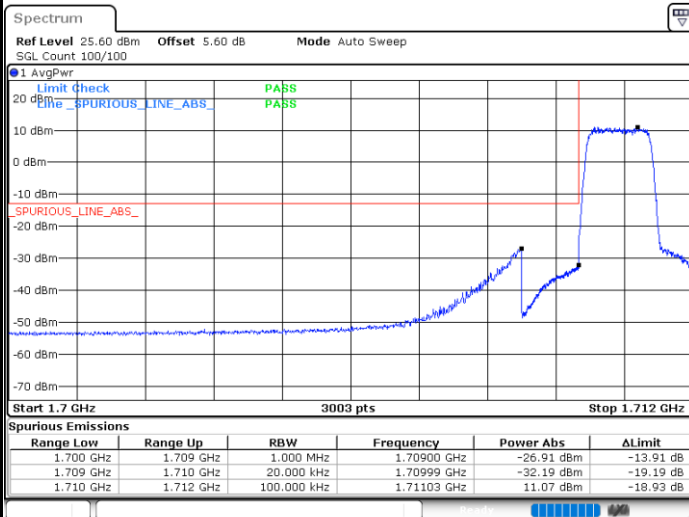
Lowest Band Edge / 1 RB



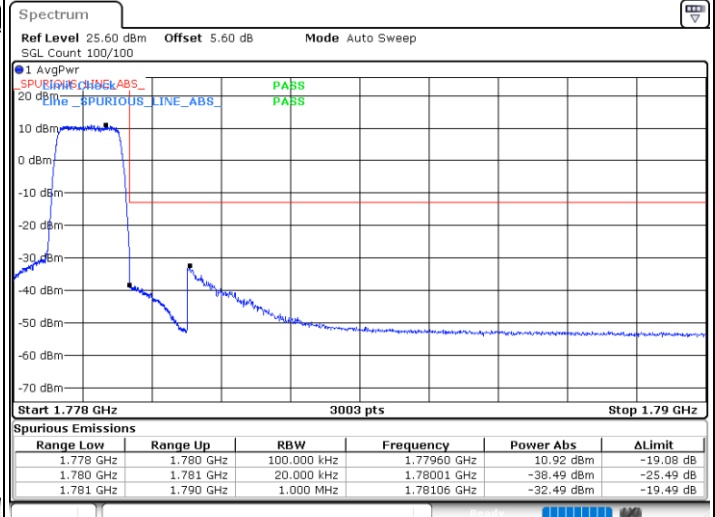
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



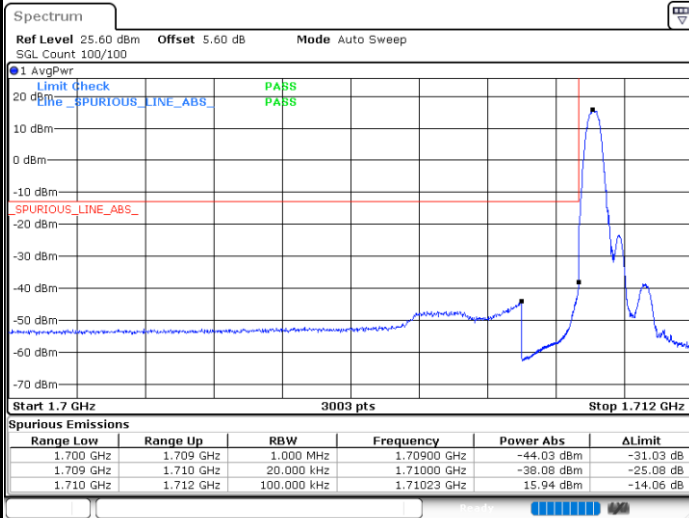
Highest Band Edge / Full RB



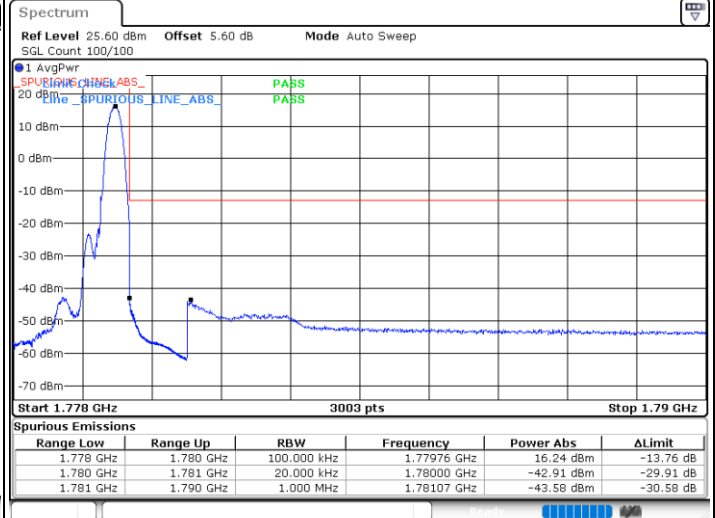


LTE Band 66 / 1.4MHz / 256QAM

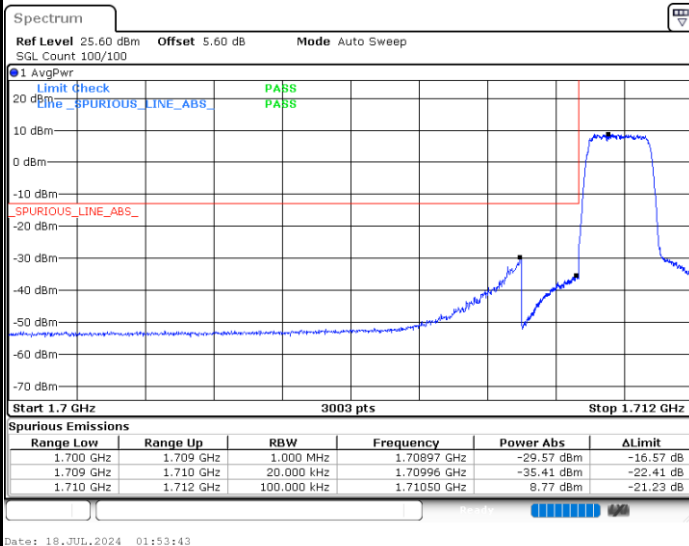
Lowest Band Edge / 1 RB



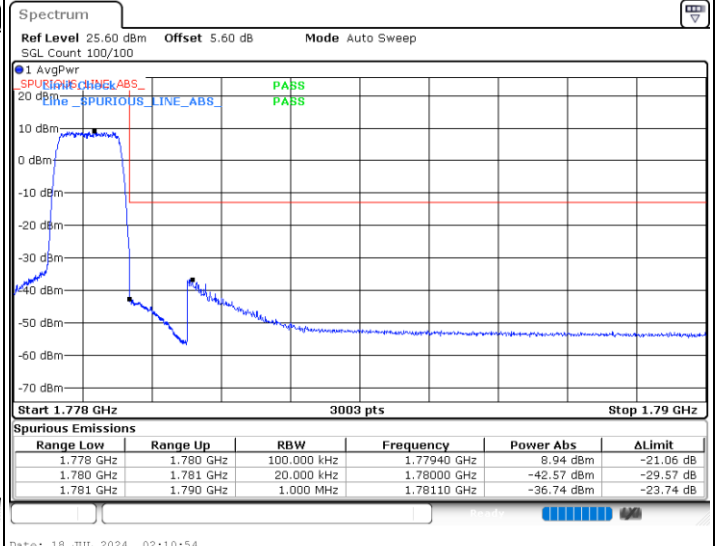
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



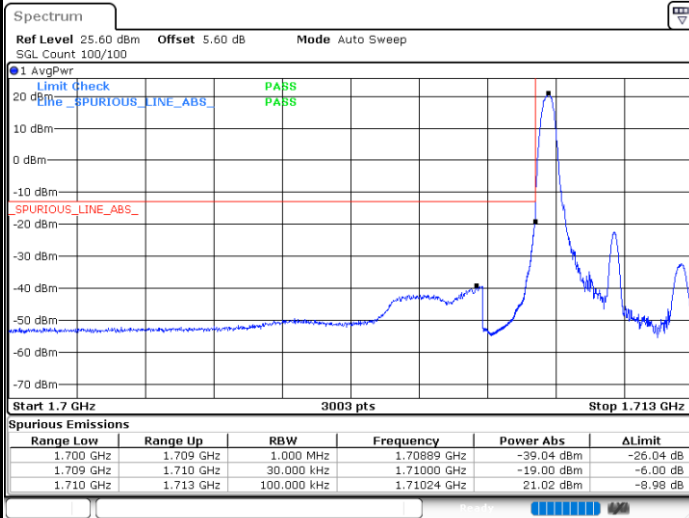
Highest Band Edge / Full RB



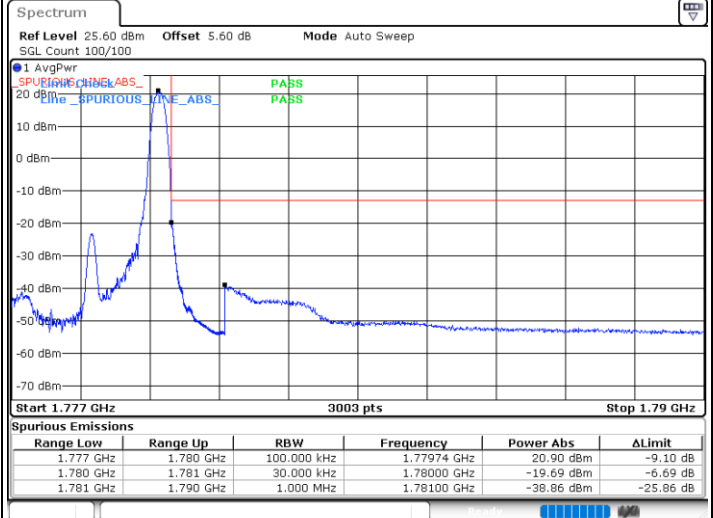


LTE Band 66 / 3MHz / QPSK

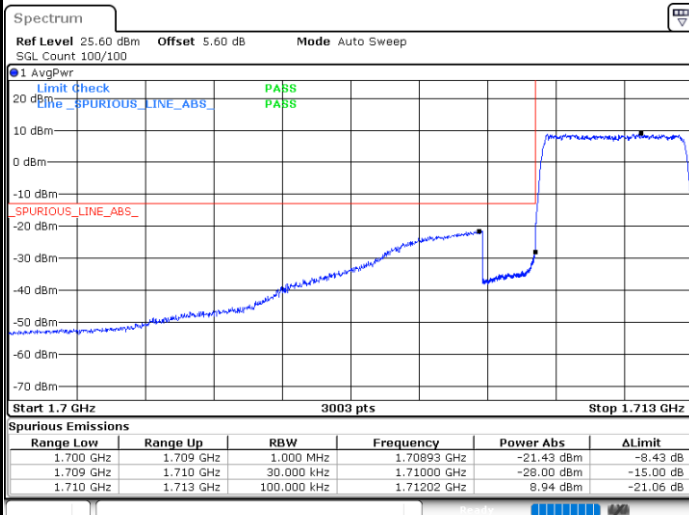
Lowest Band Edge / 1RB



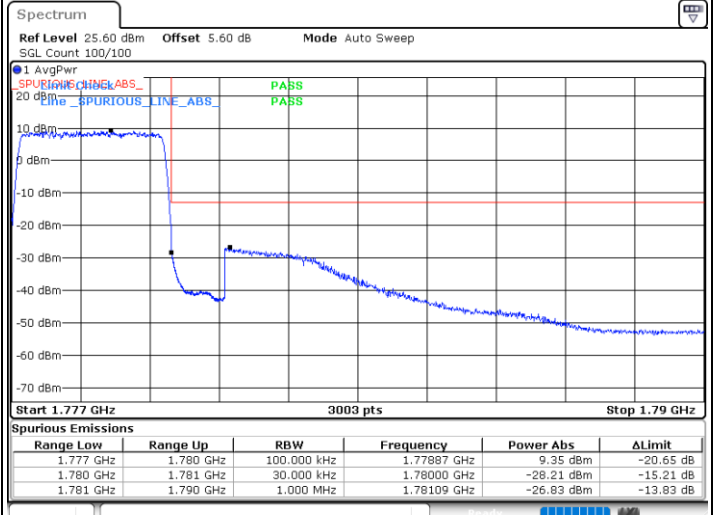
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



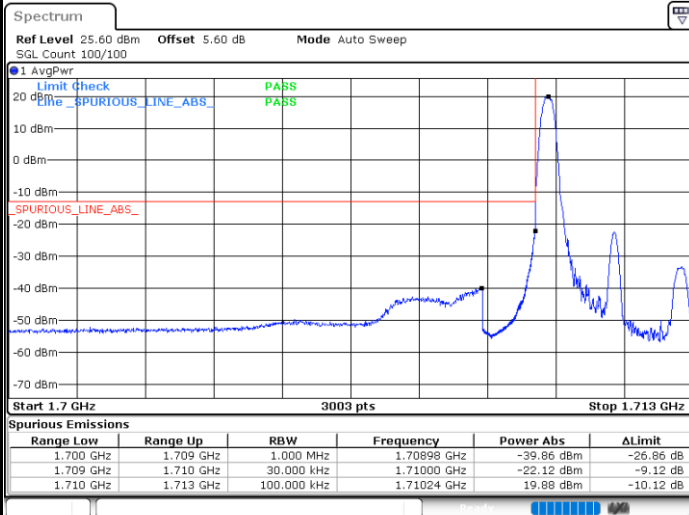
Highest Band Edge / Full RB



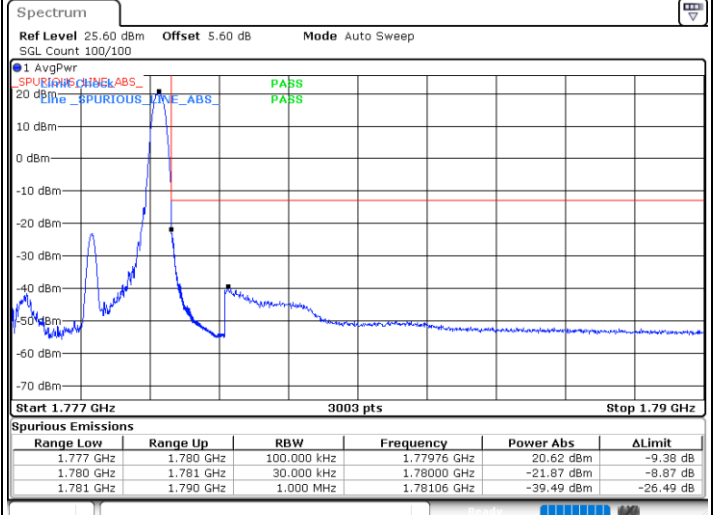


LTE Band 66 / 3MHz / 16QAM

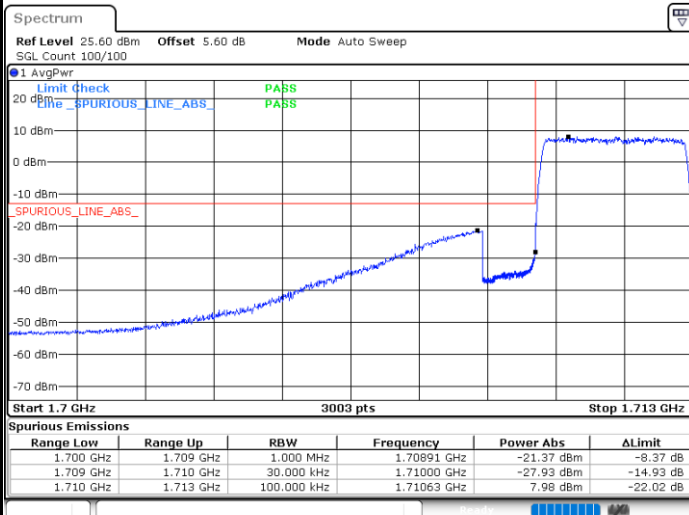
Lowest Band Edge / 1 RB



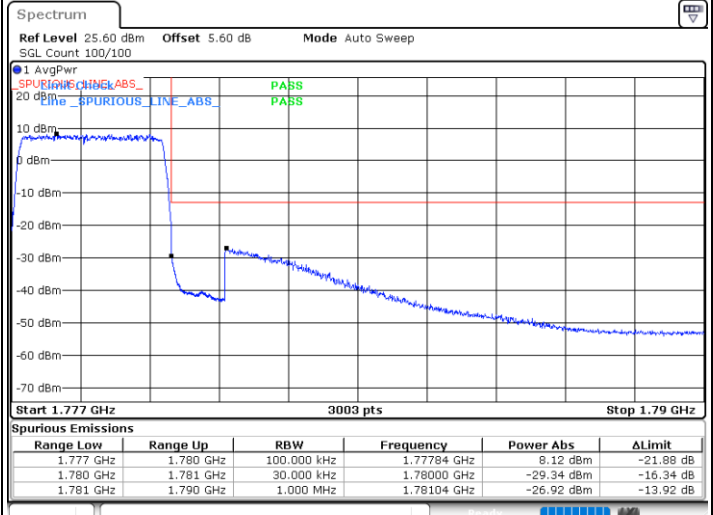
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



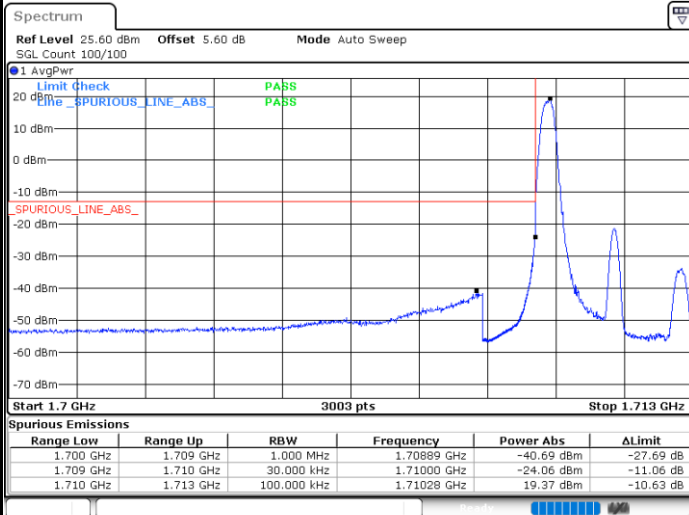
Highest Band Edge / Full RB



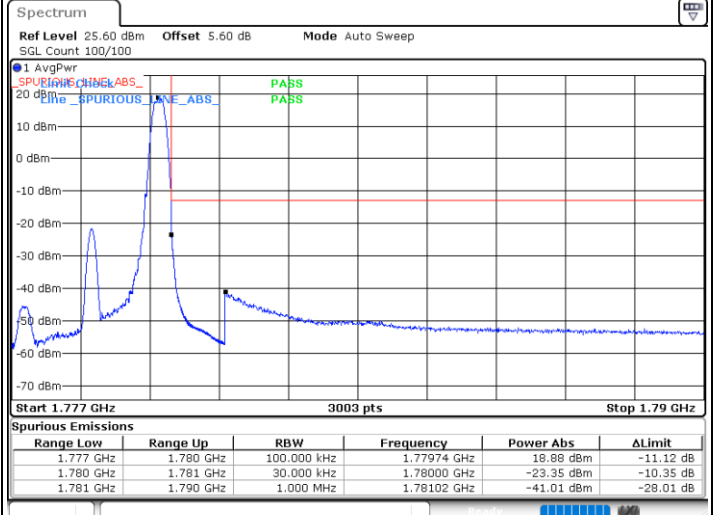


LTE Band 66 / 3MHz / 64QAM

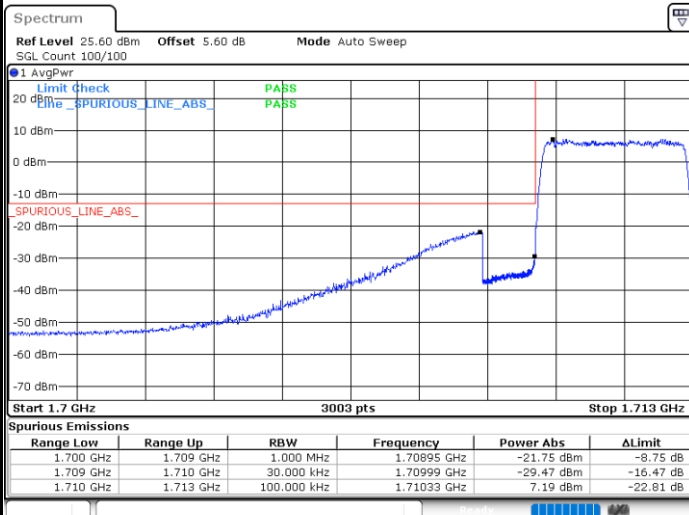
Lowest Band Edge / 1 RB



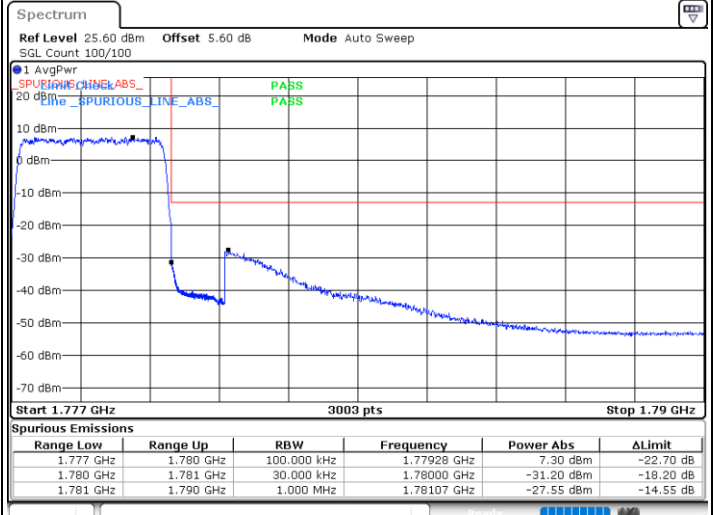
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



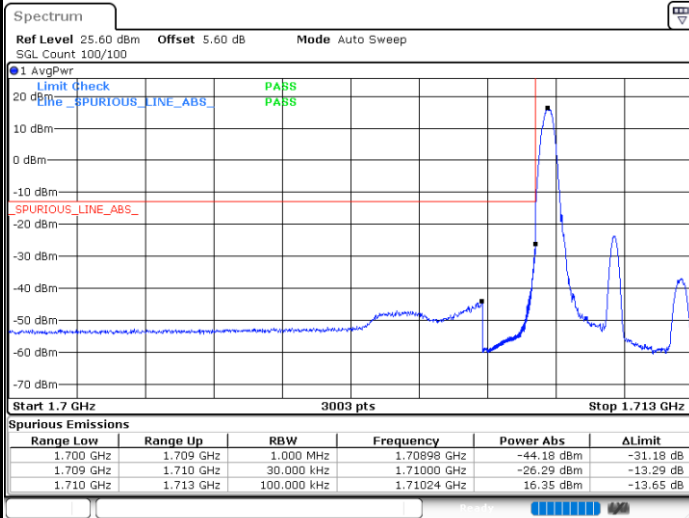
Highest Band Edge / Full RB



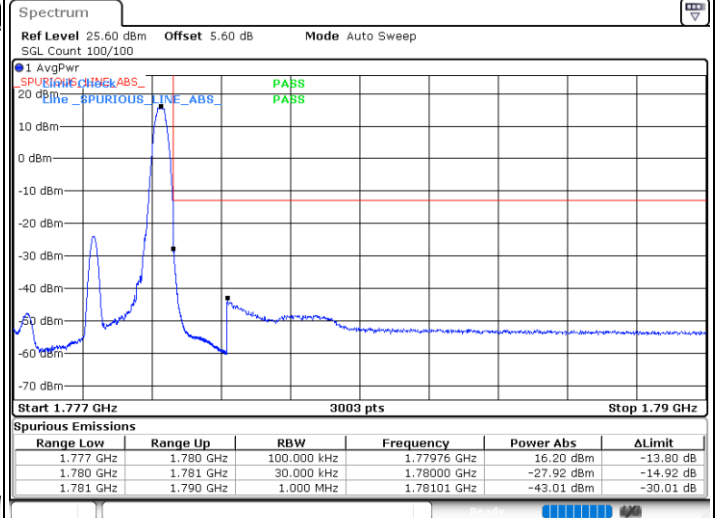


LTE Band 66 / 3MHz / 256QAM

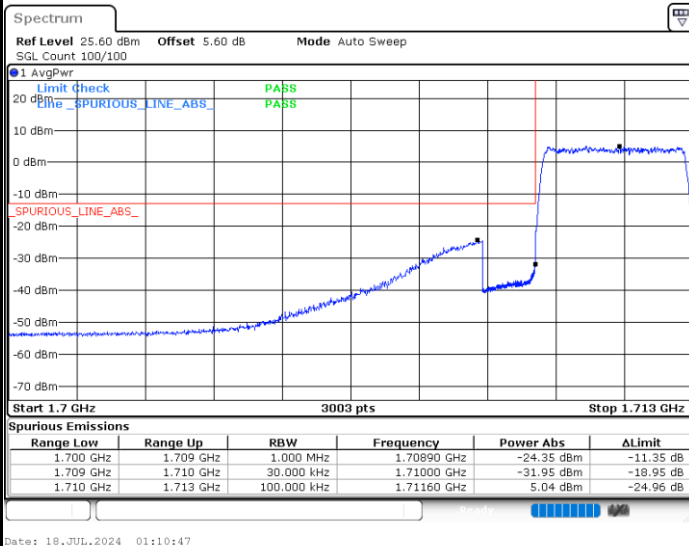
Lowest Band Edge / 1 RB



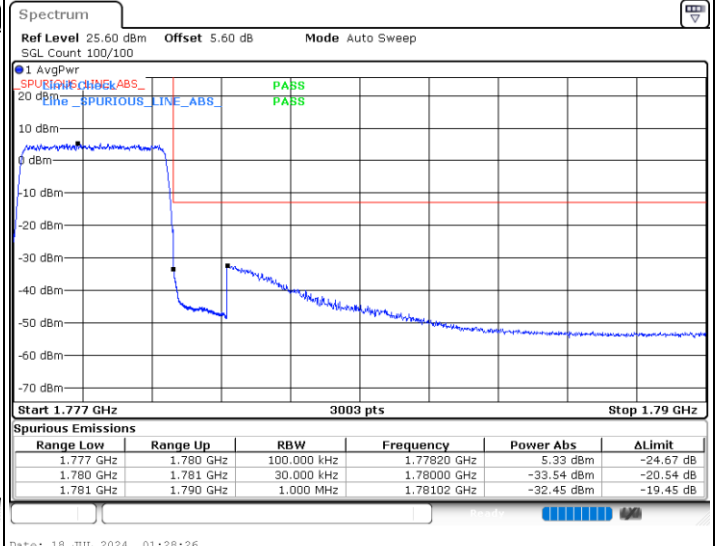
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



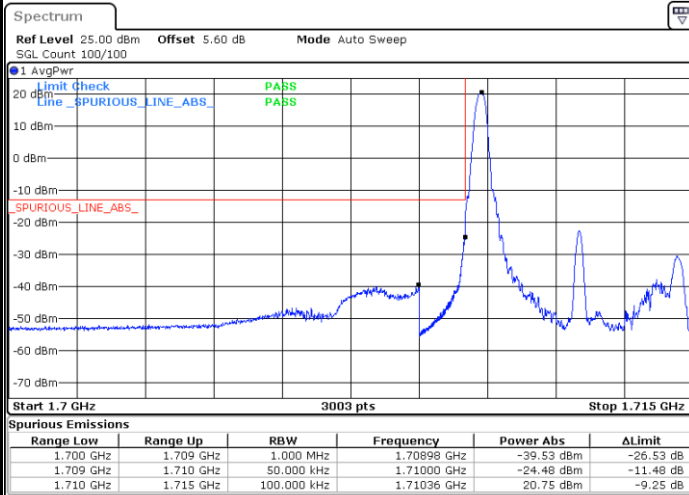
Highest Band Edge / Full RB



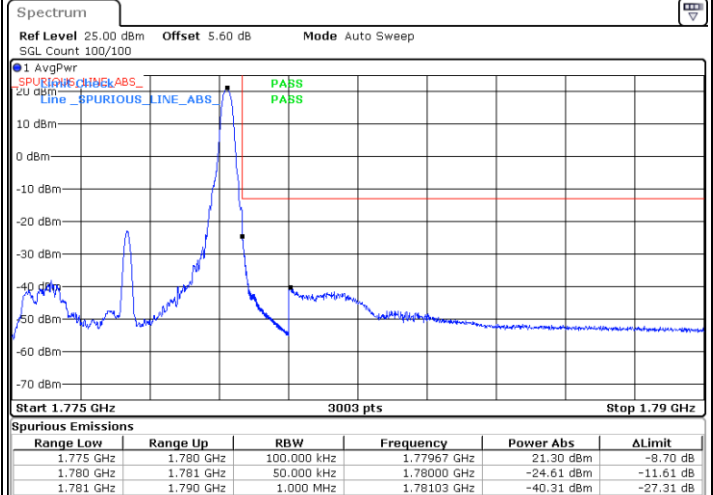


LTE Band 66 / 5MHz / QPSK

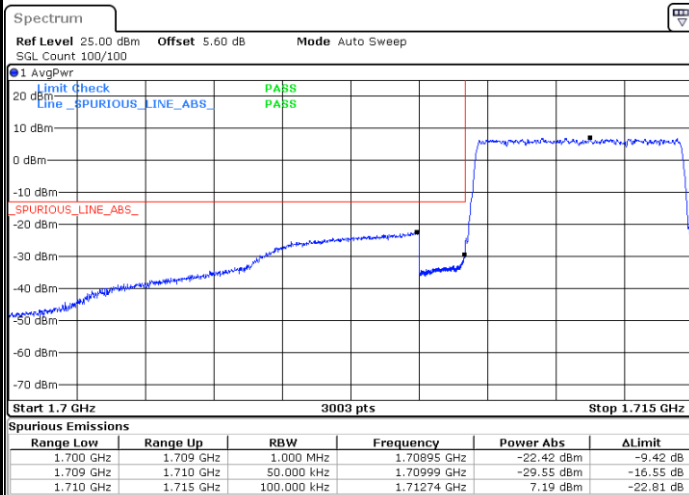
Lowest Band Edge / 1 RB



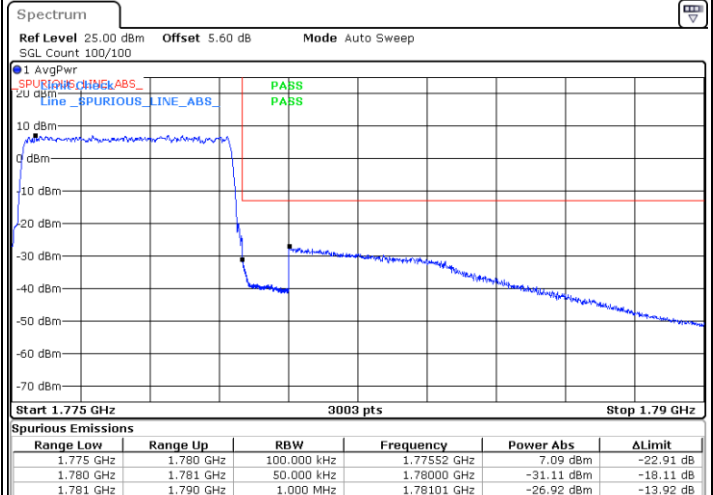
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



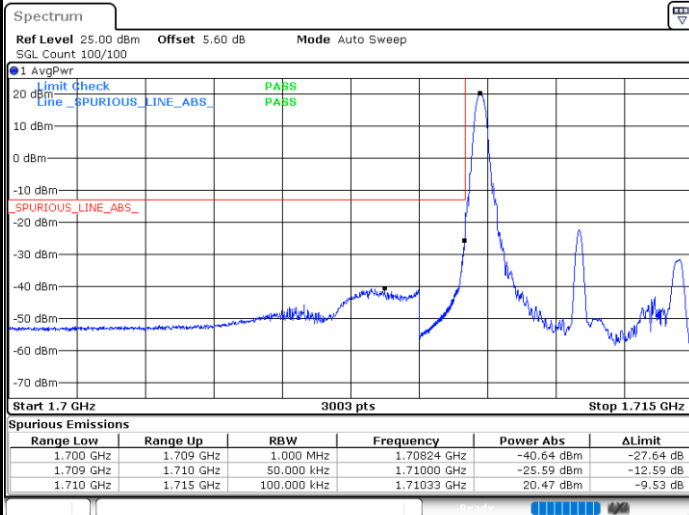
Highest Band Edge / Full RB



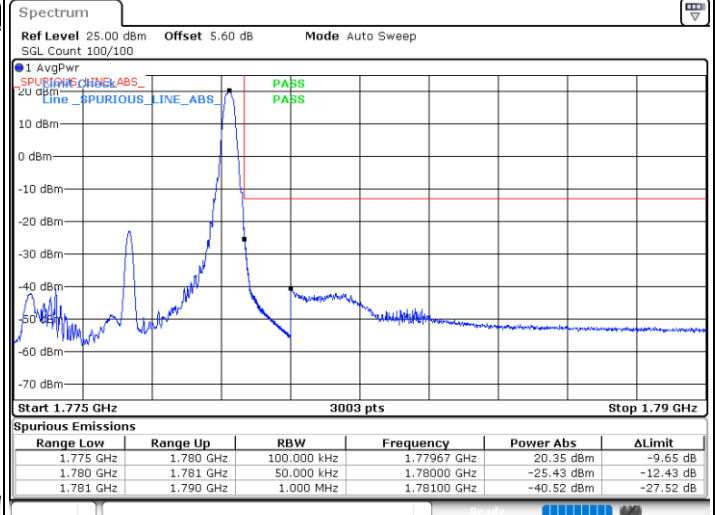


LTE Band 66 / 5MHz / 16QAM

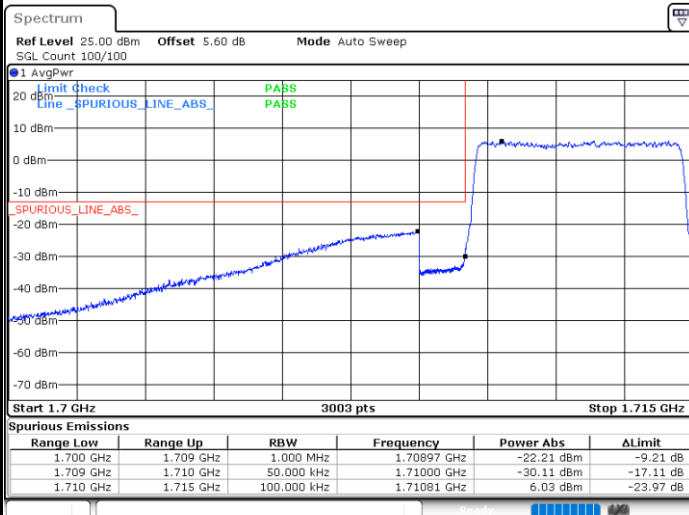
Lowest Band Edge / 1RB



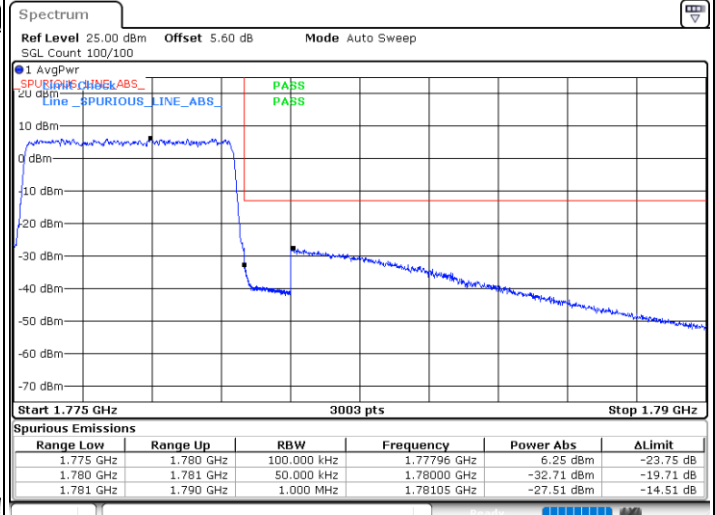
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



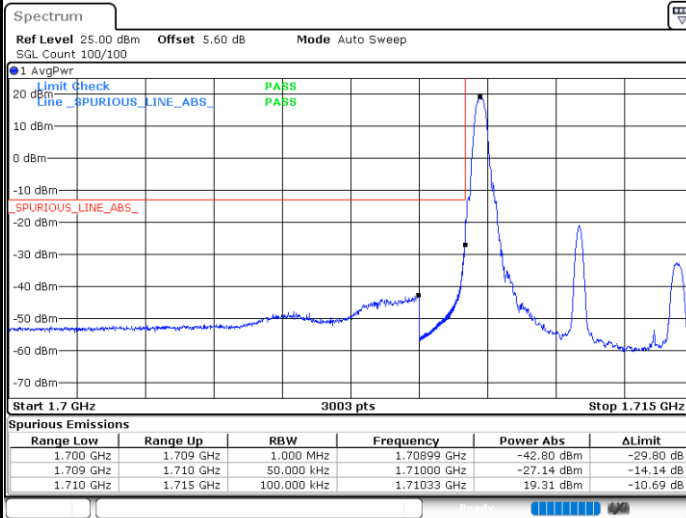
Highest Band Edge / Full RB



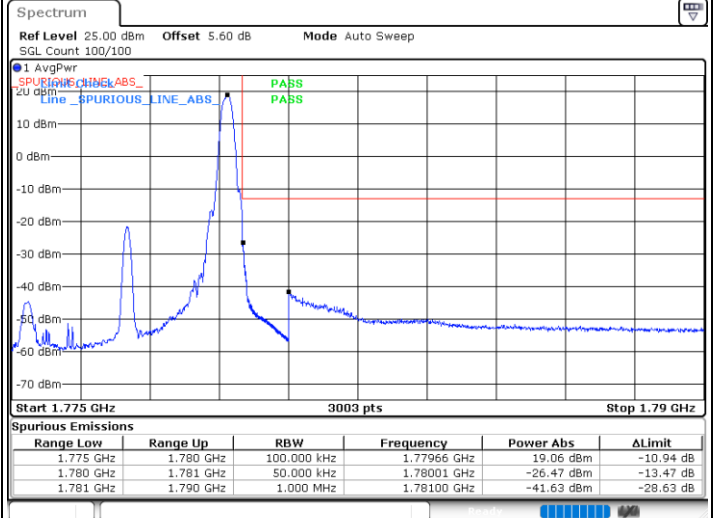


LTE Band 66 / 5MHz / 64QAM

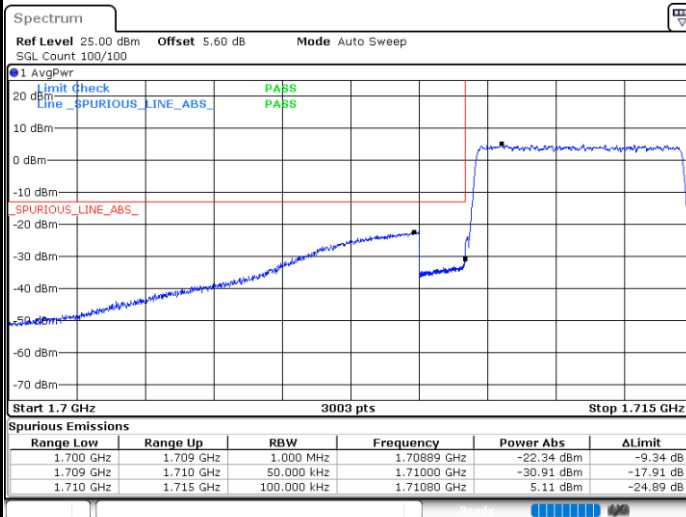
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

