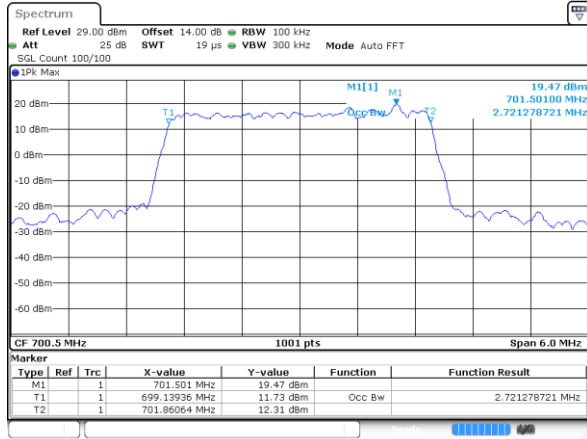


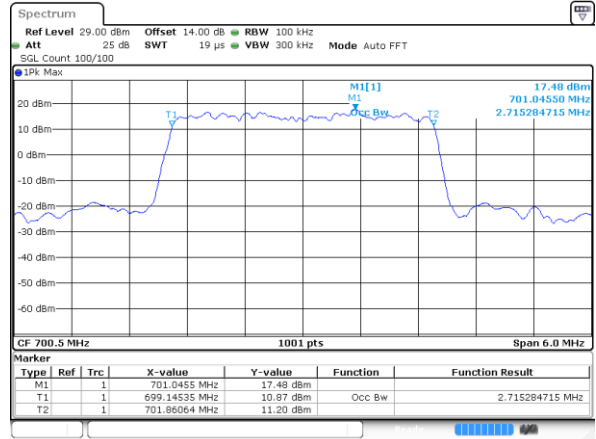


LTE Band 12

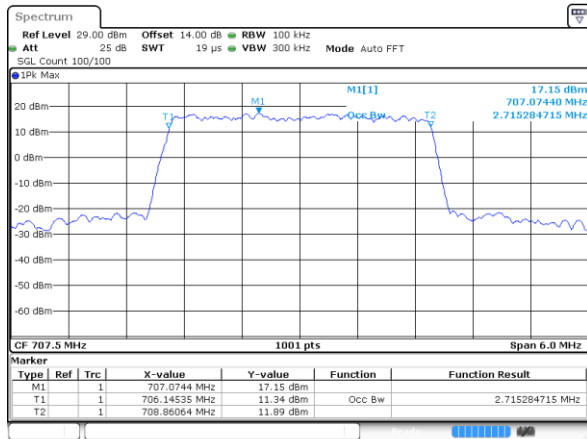
Lowest Channel / 3MHz / QPSK



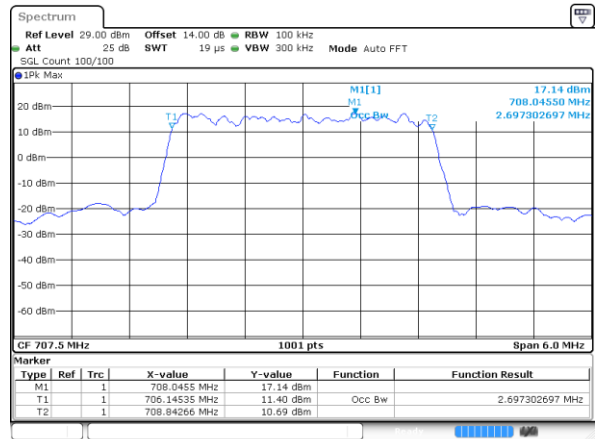
Lowest Channel / 3MHz / 16QAM



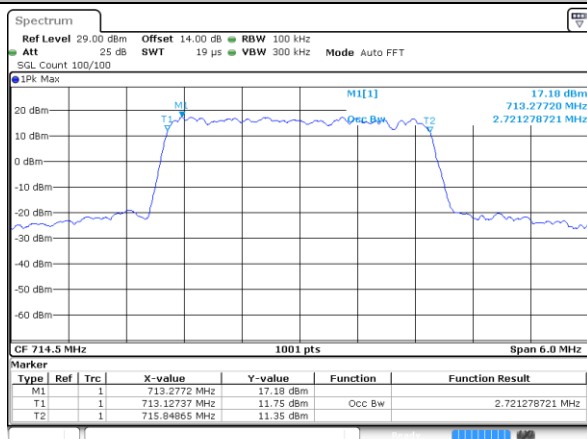
Middle Channel / 3MHz / QPSK



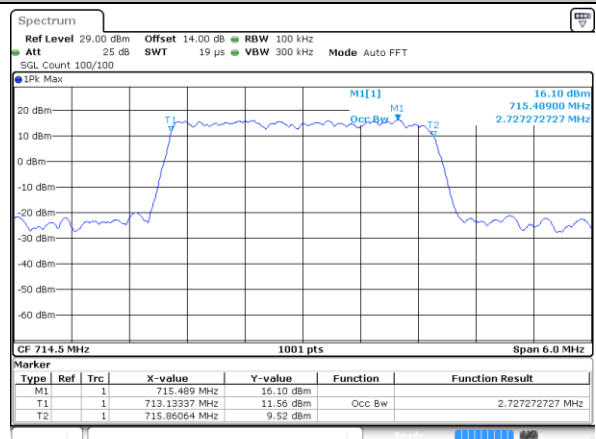
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



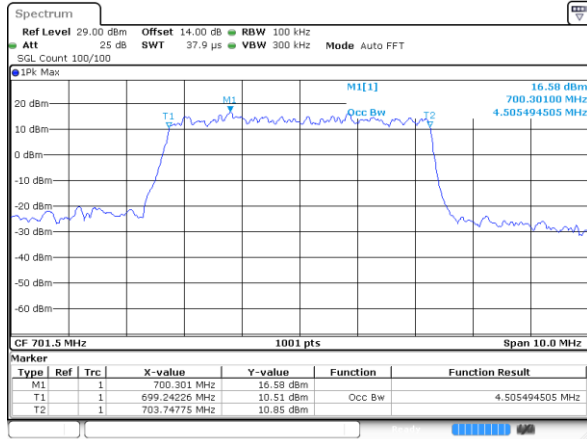
Highest Channel / 3MHz / 16QAM



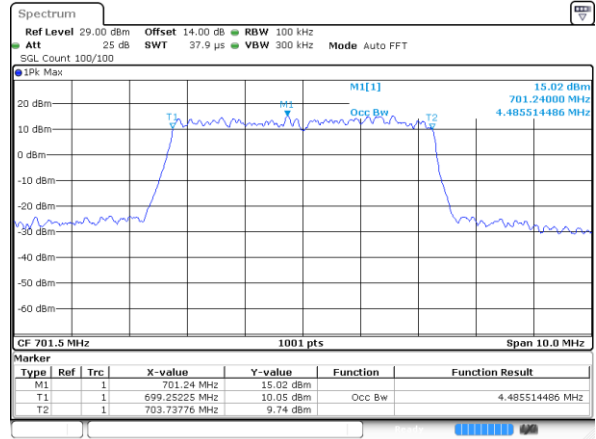


LTE Band 12

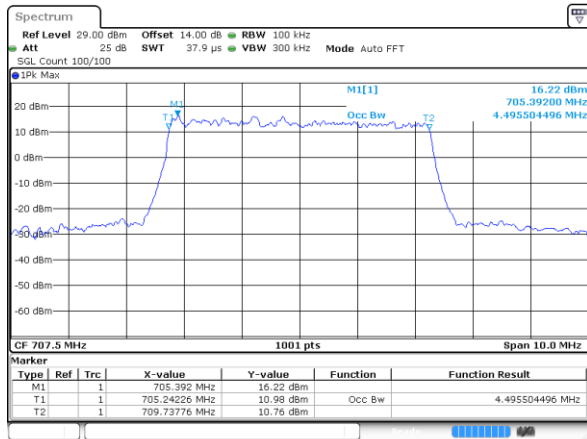
Lowest Channel / 5MHz / QPSK



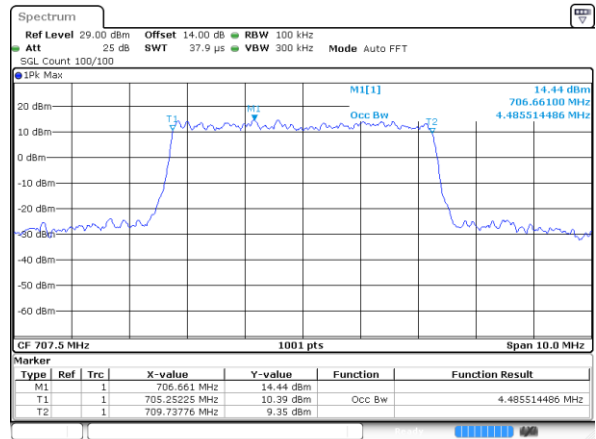
Lowest Channel / 5MHz / 16QAM



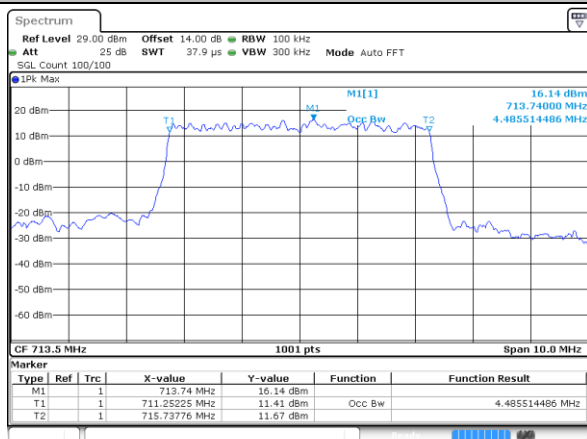
Middle Channel / 5MHz / QPSK



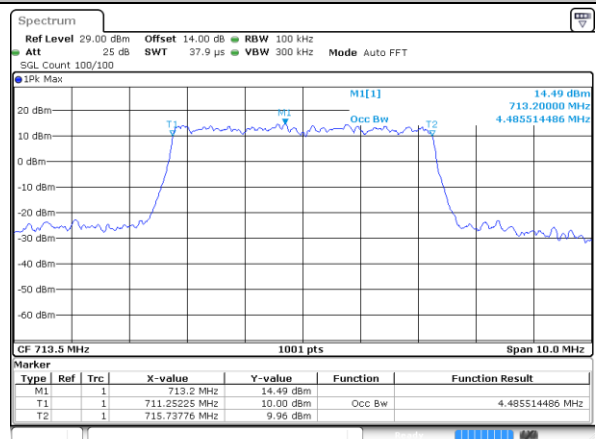
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



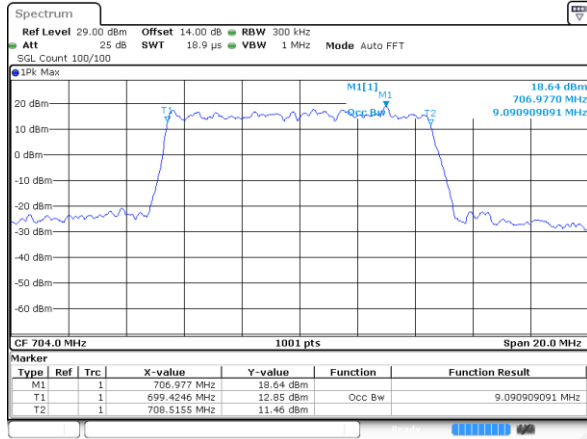
Highest Channel / 5MHz / 16QAM



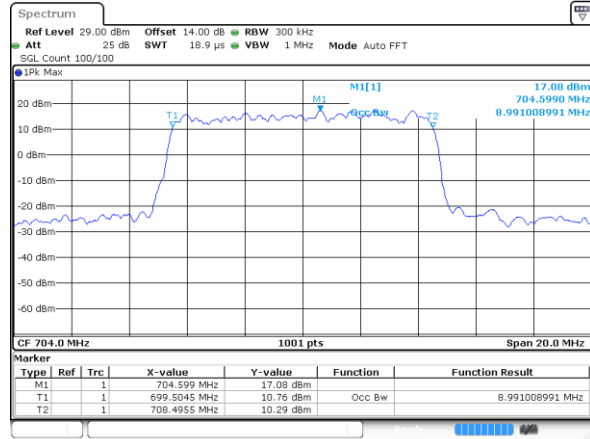


LTE Band 12

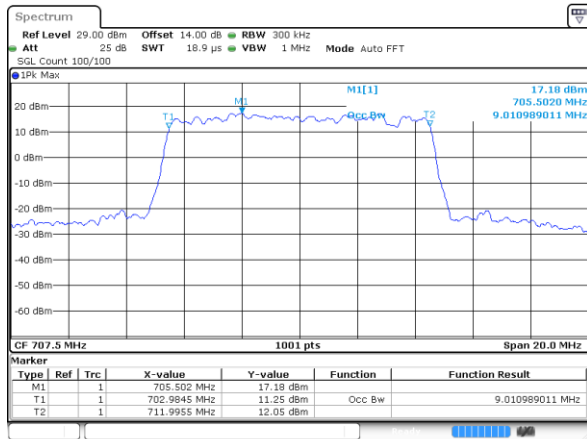
Lowest Channel / 10MHz / QPSK



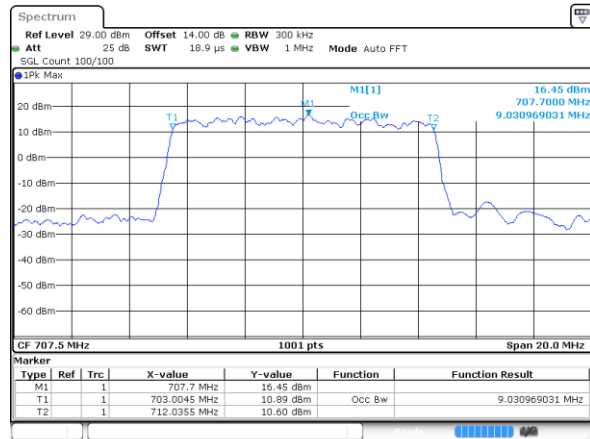
Lowest Channel / 10MHz / 16QAM



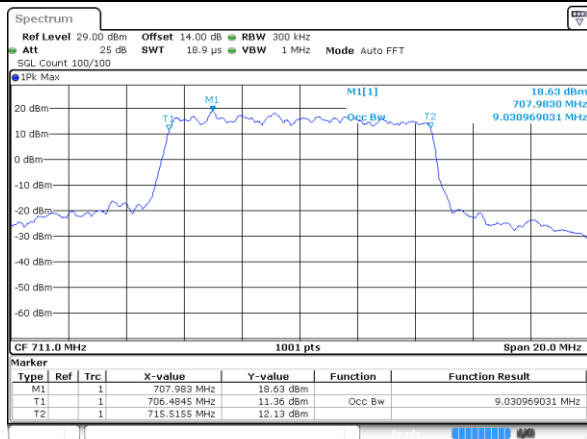
Middle Channel / 10MHz / QPSK



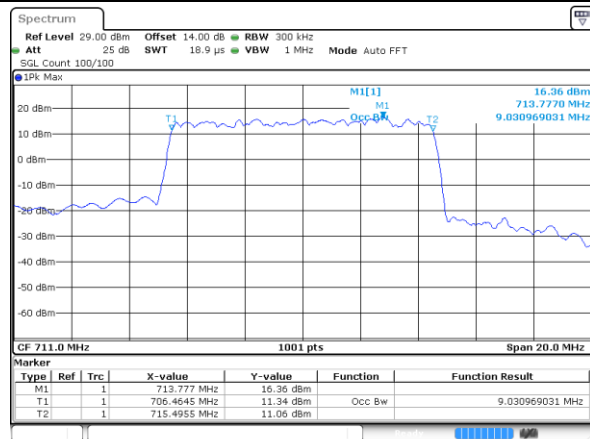
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



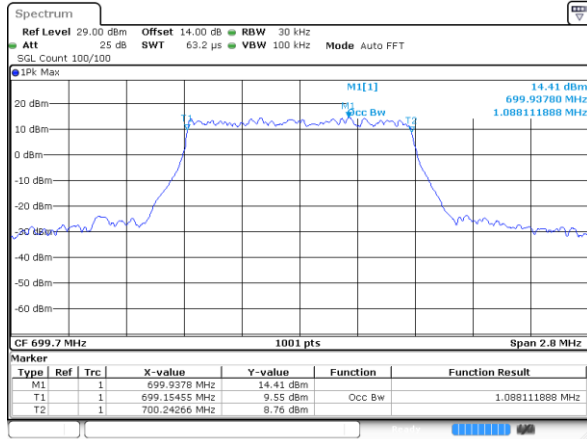
Highest Channel / 10MHz / 16QAM



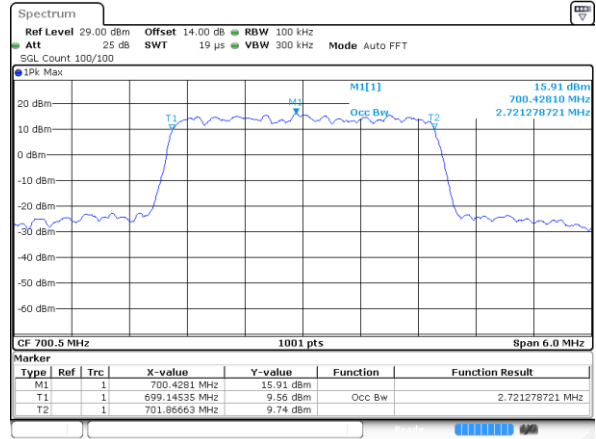


LTE Band 12

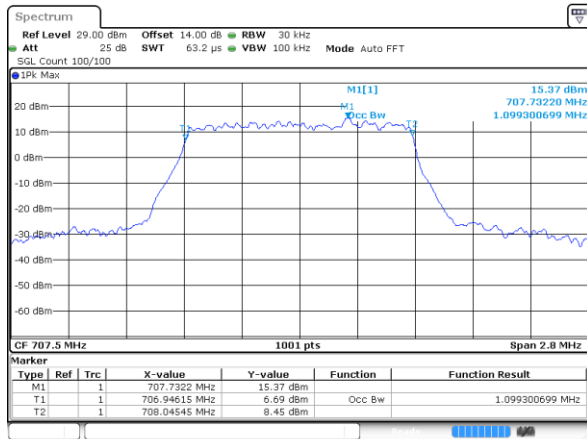
Lowest Channel / 1.4MHz / 64QAM



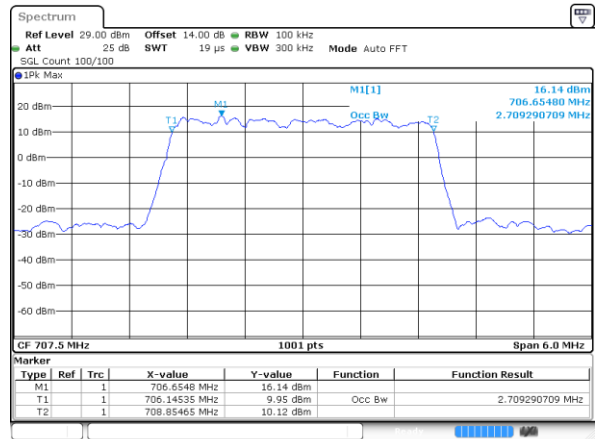
Lowest Channel / 3MHz / 64QAM



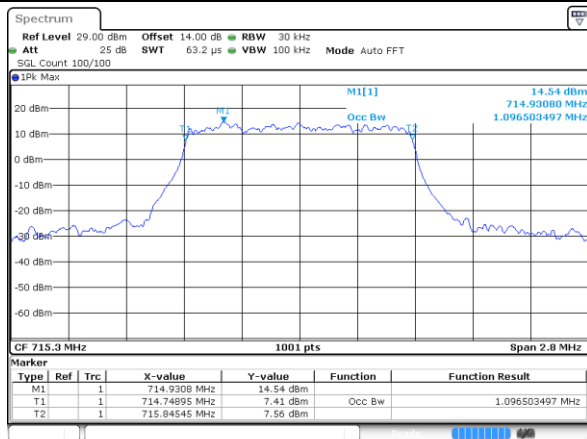
Middle Channel / 1.4MHz / 64QAM



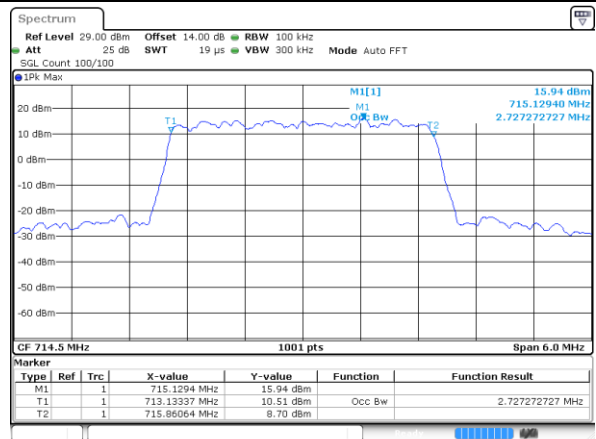
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



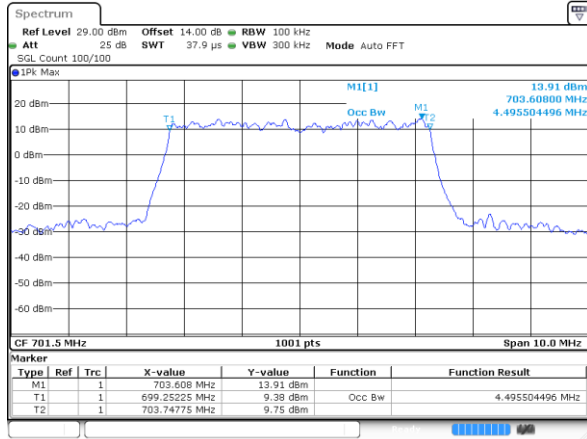
Highest Channel / 3MHz / 64QAM



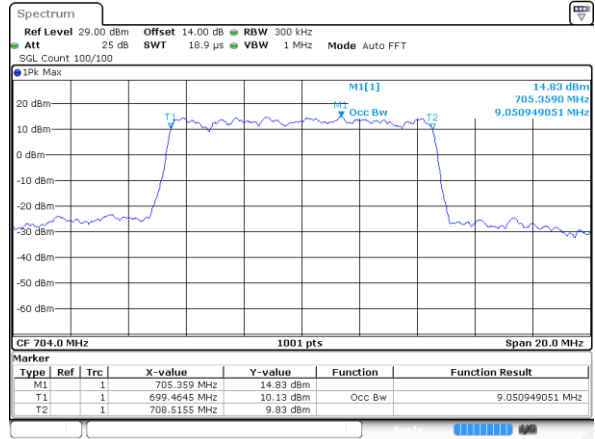


LTE Band 12

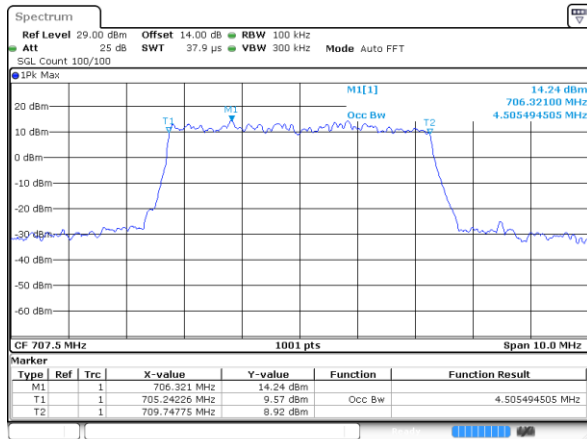
Lowest Channel / 5MHz / 64QAM



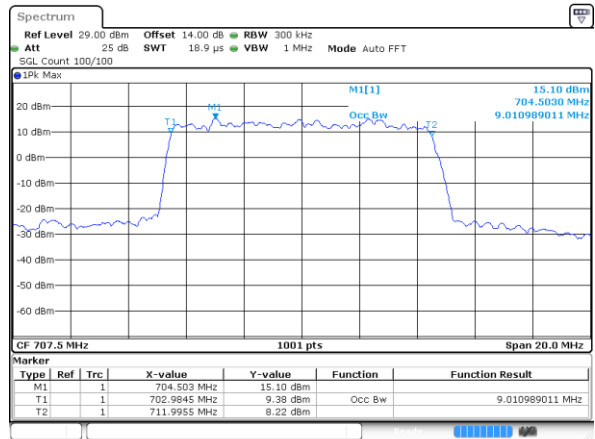
Lowest Channel / 10MHz / 64QAM



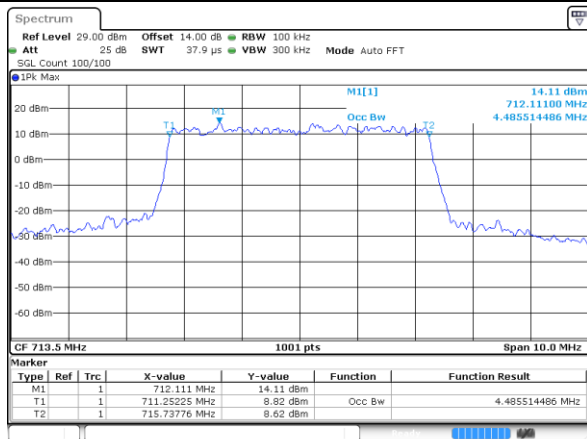
Middle Channel / 5MHz / 64QAM



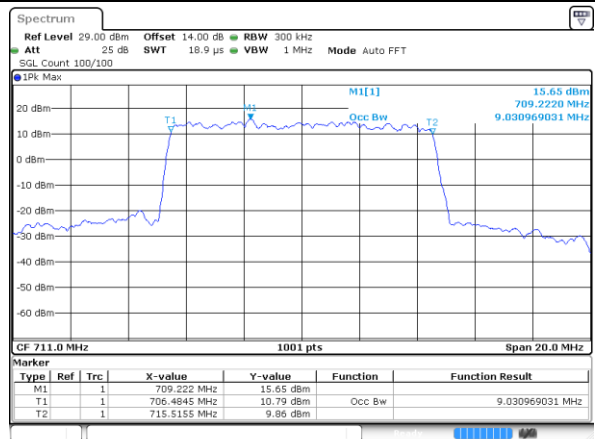
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

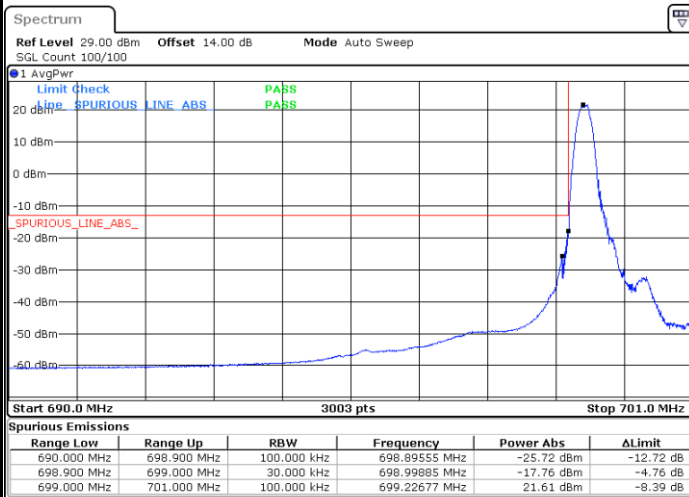




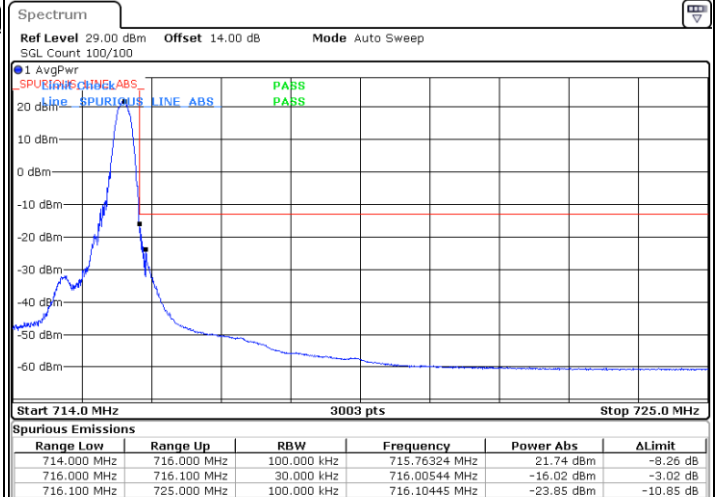
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

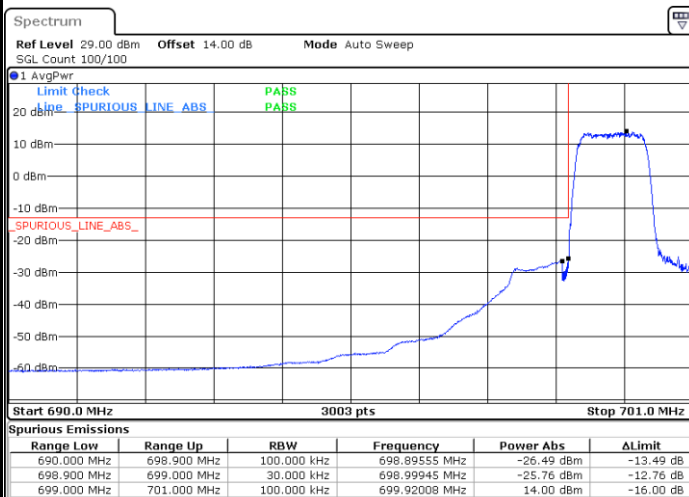
Lowest Band Edge / 1 RB



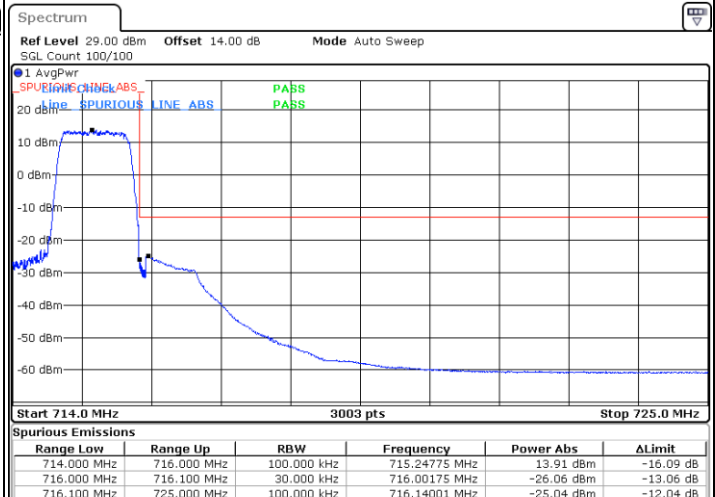
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



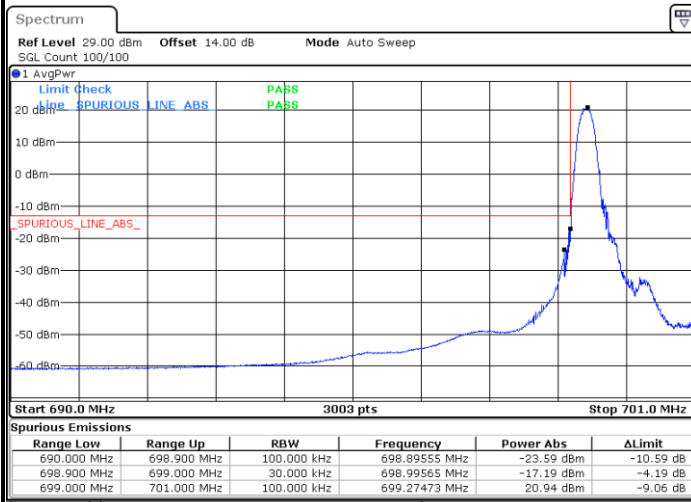
Highest Band Edge / Full RB



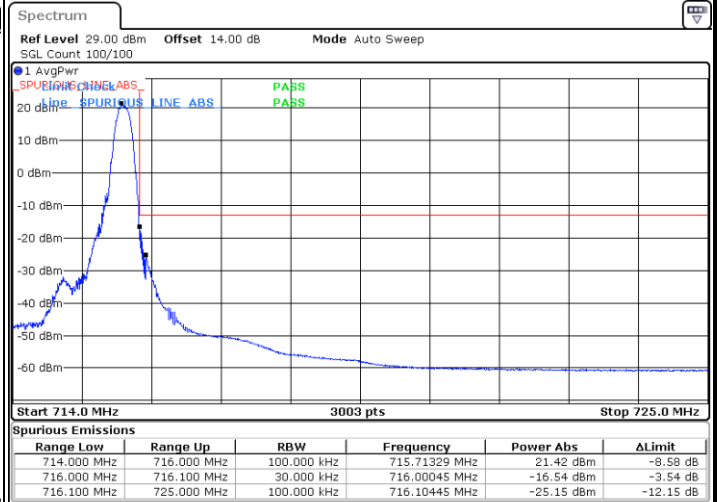


LTE Band 12 / 1.4MHz / 16QAM

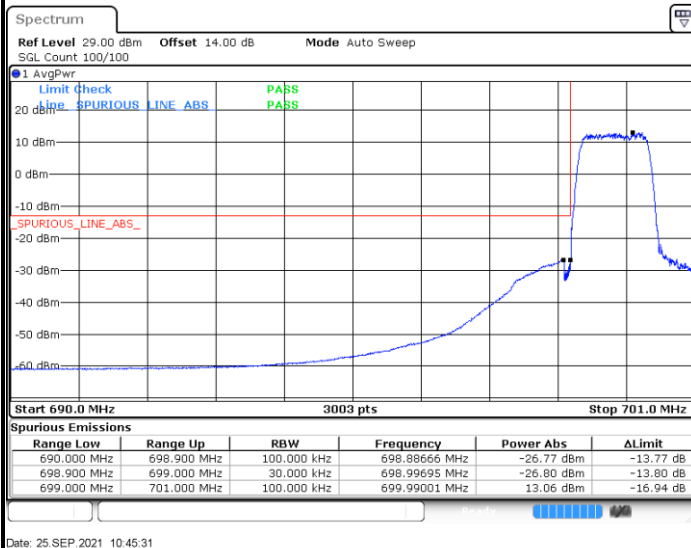
Lowest Band Edge / 1 RB



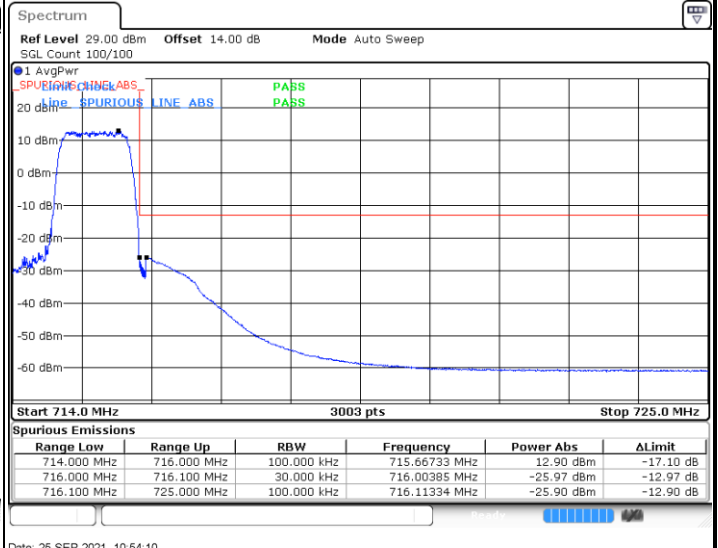
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



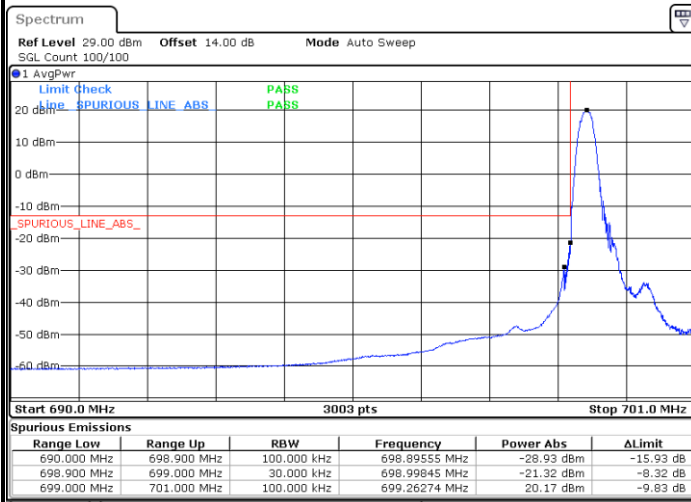
Highest Band Edge / Full RB



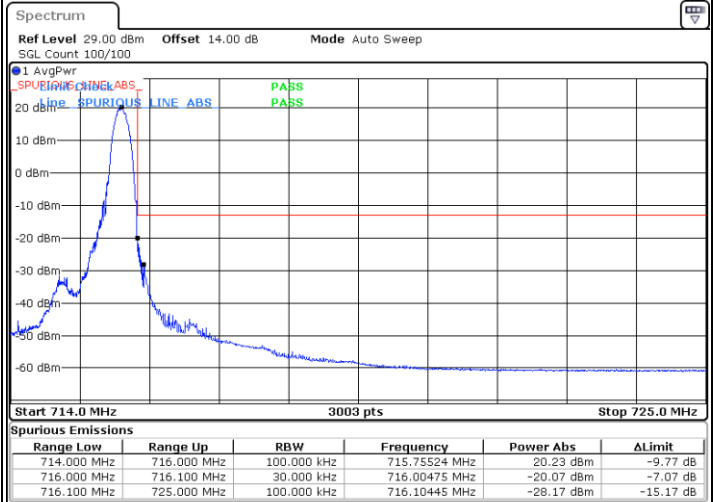


LTE Band 12 / 1.4MHz / 64QAM

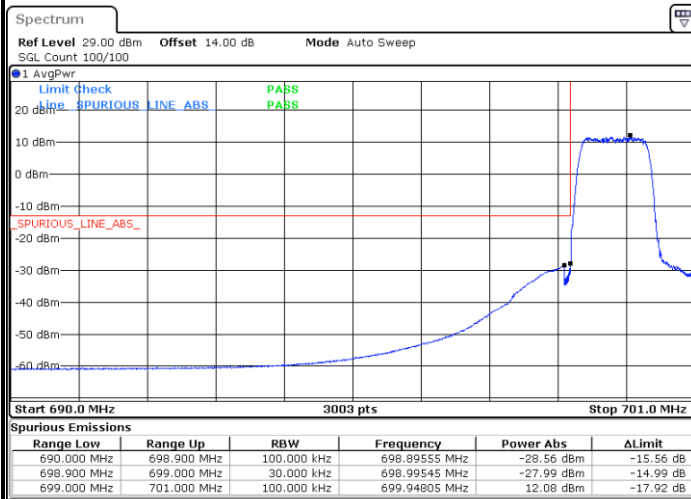
Lowest Band Edge / 1 RB



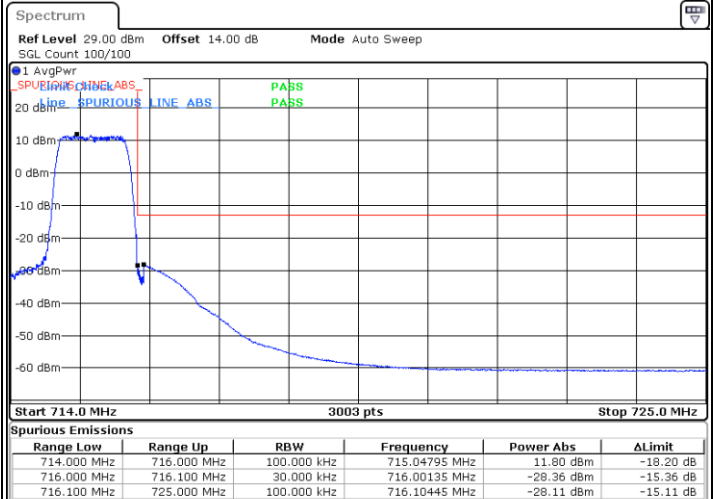
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



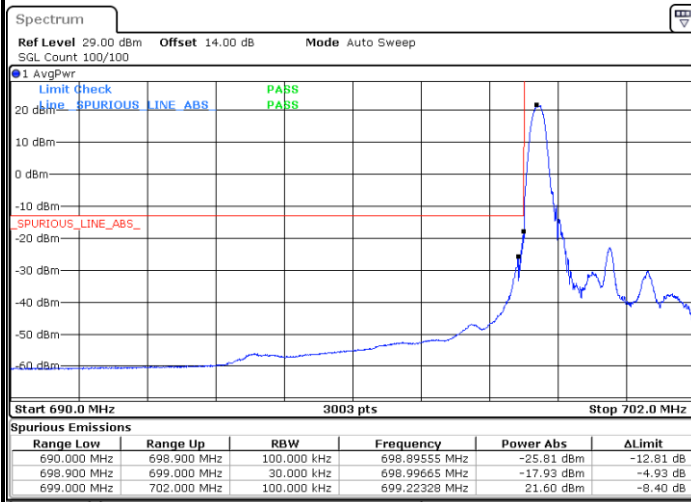
Highest Band Edge / Full RB



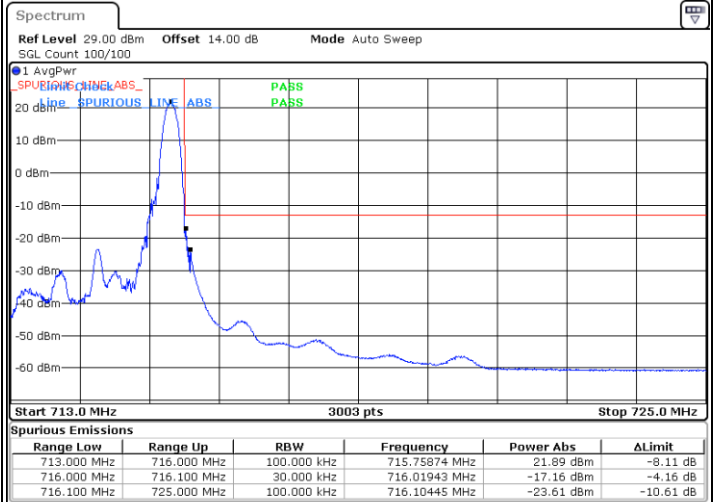


LTE Band 12 / 3MHz / QPSK

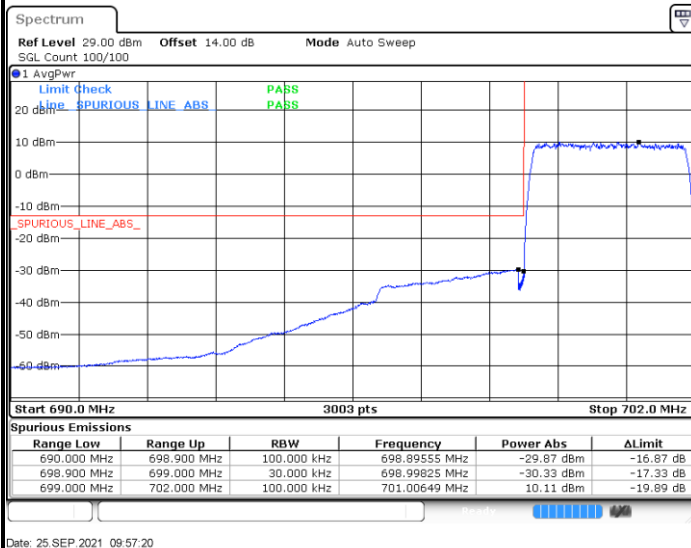
Lowest Band Edge / 1RB



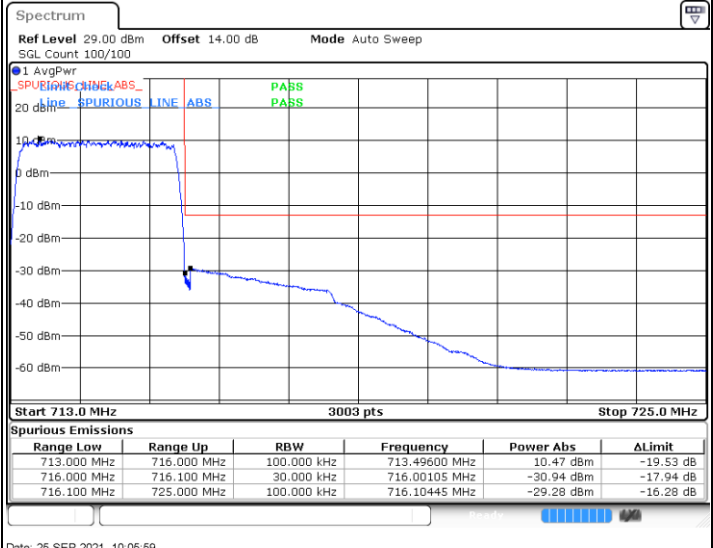
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



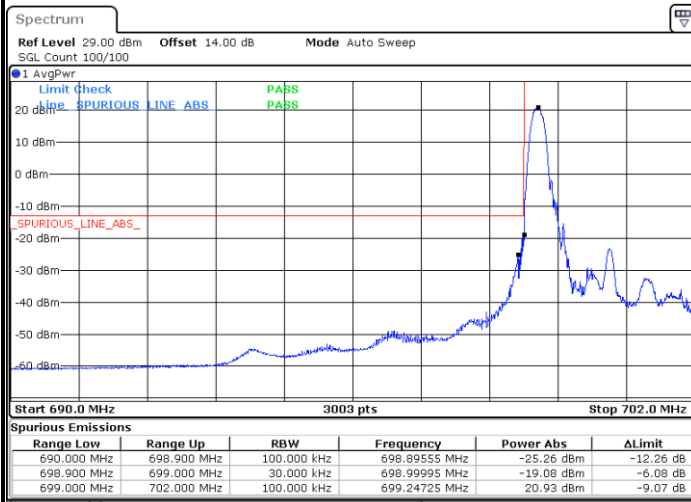
Highest Band Edge / Full RB



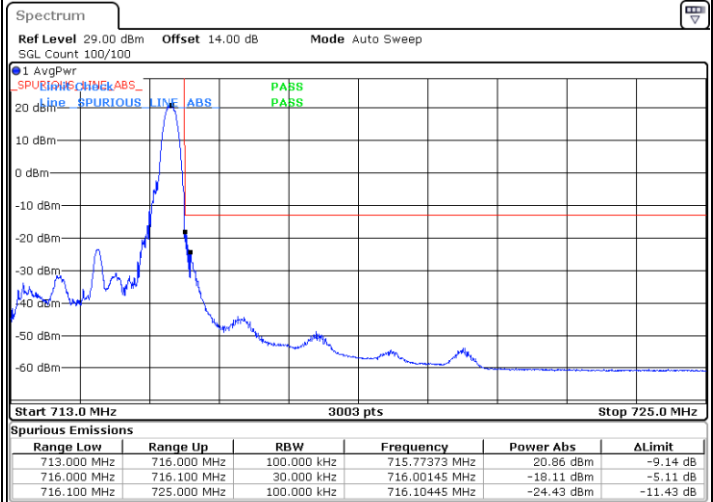


LTE Band 12 / 3MHz / 16QAM

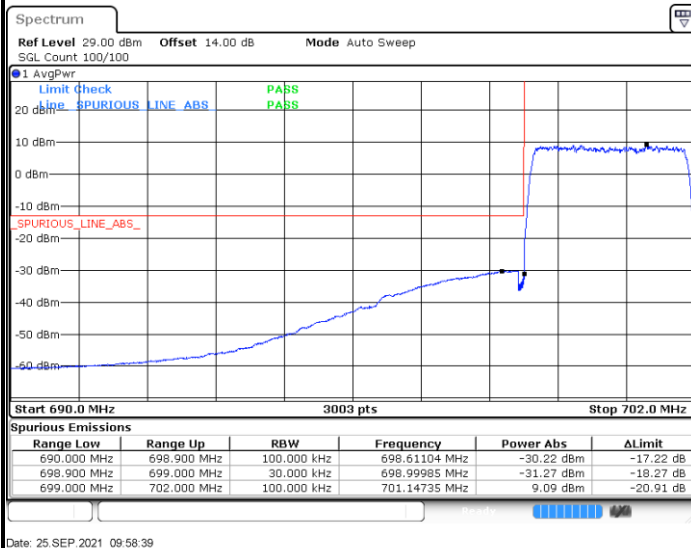
Lowest Band Edge / 1 RB



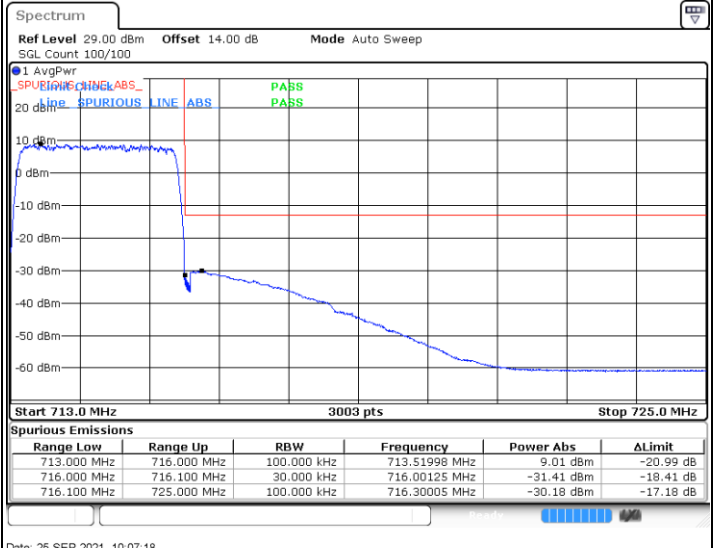
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



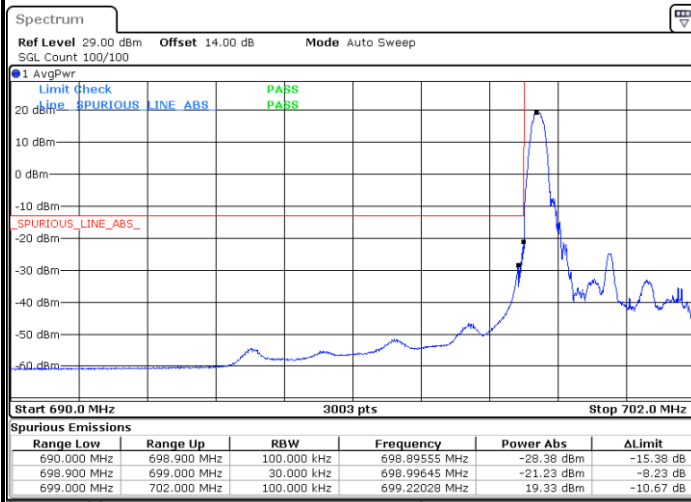
Highest Band Edge / Full RB



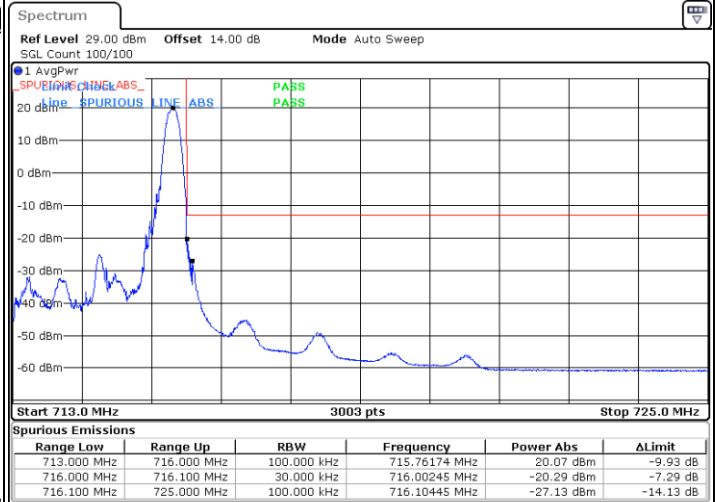


LTE Band 12 / 3MHz / 64QAM

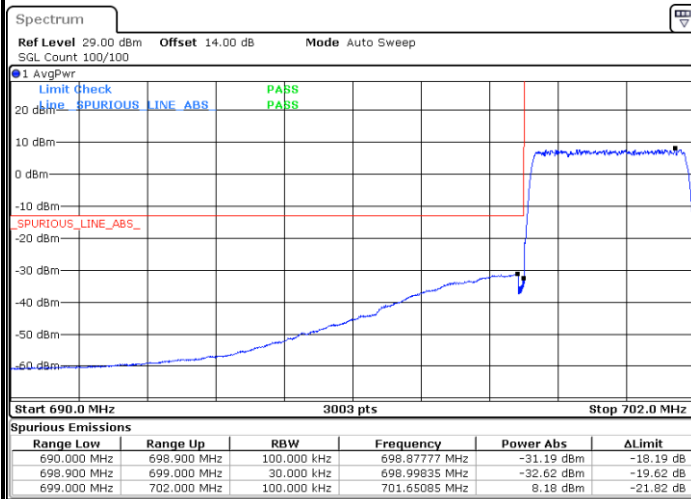
Lowest Band Edge / 1 RB



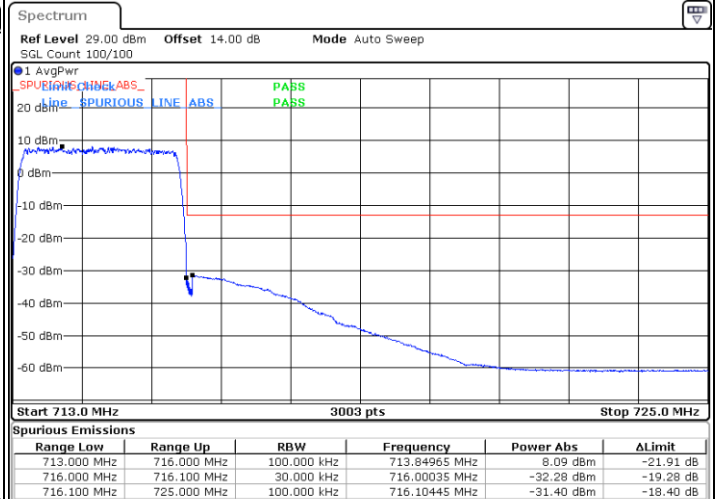
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



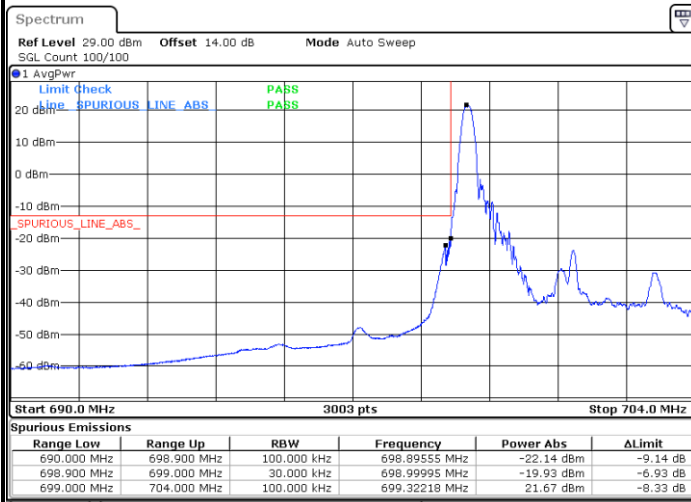
Highest Band Edge / Full RB



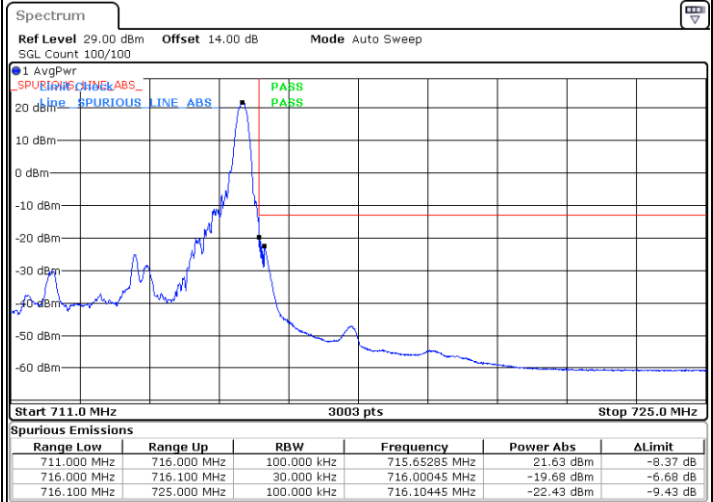


LTE Band 12 / 5MHz / QPSK

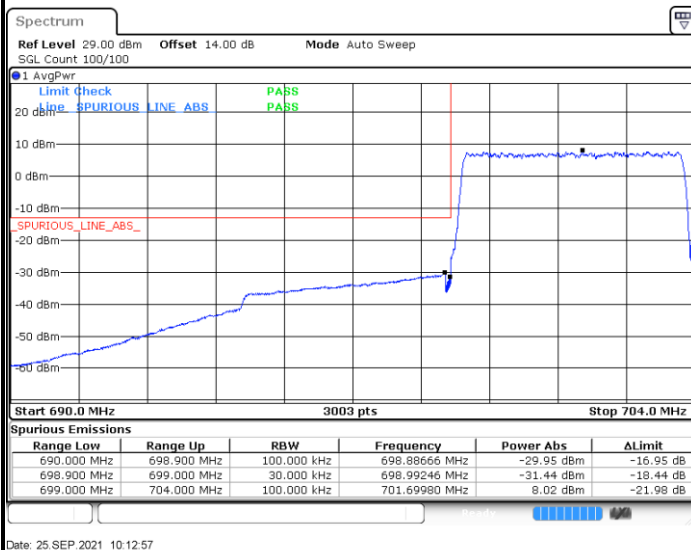
Lowest Band Edge / 1 RB



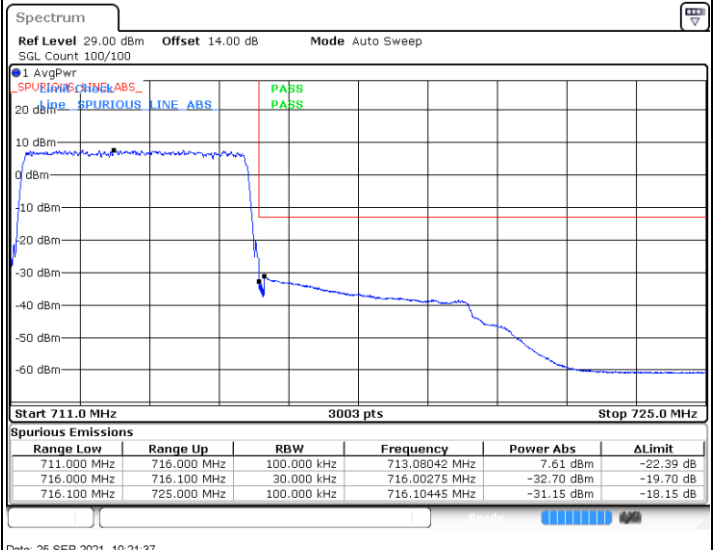
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



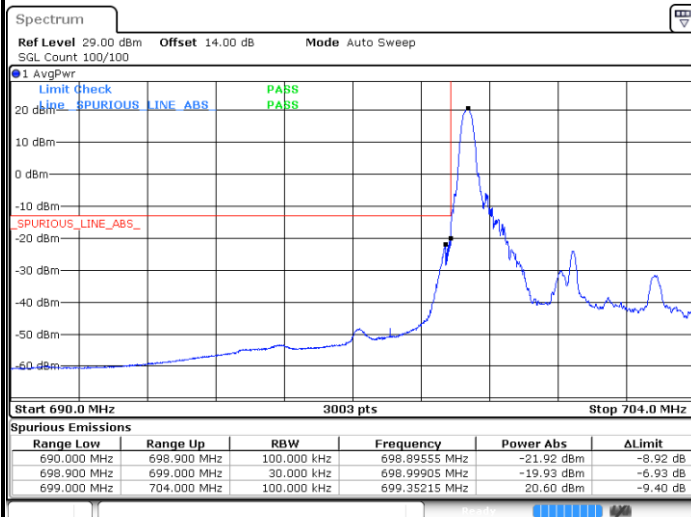
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 16QAM

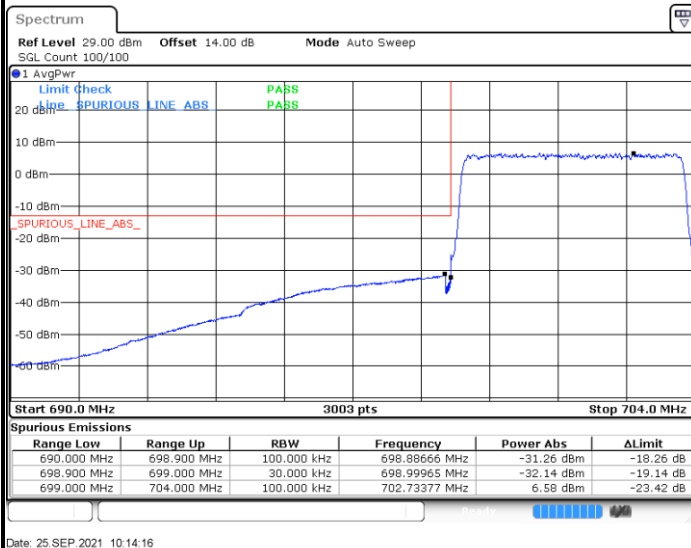
Lowest Band Edge / 1RB



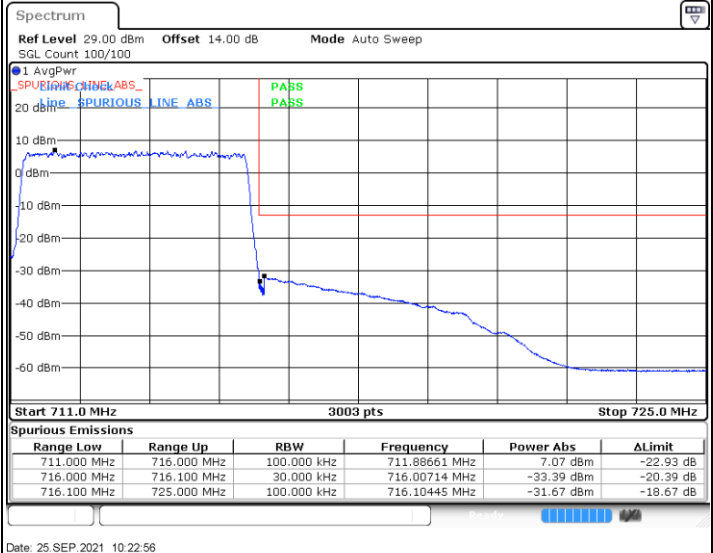
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



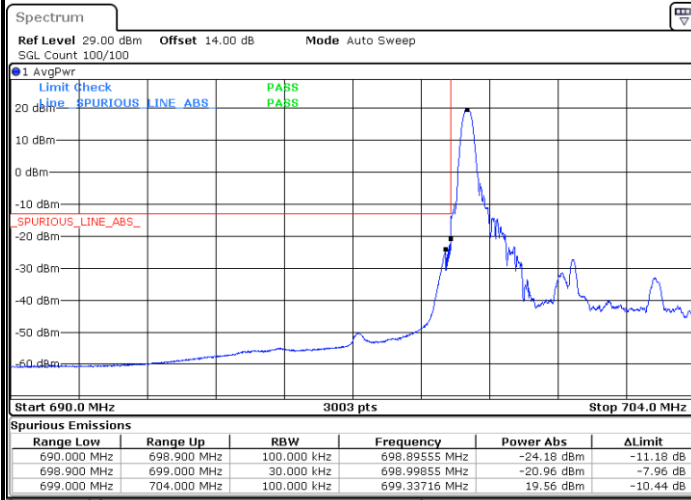
Highest Band Edge / Full RB



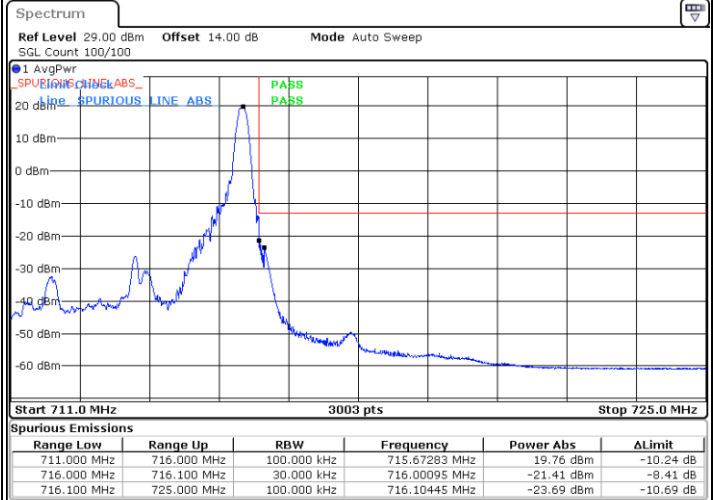


LTE Band 12 / 5MHz / 64QAM

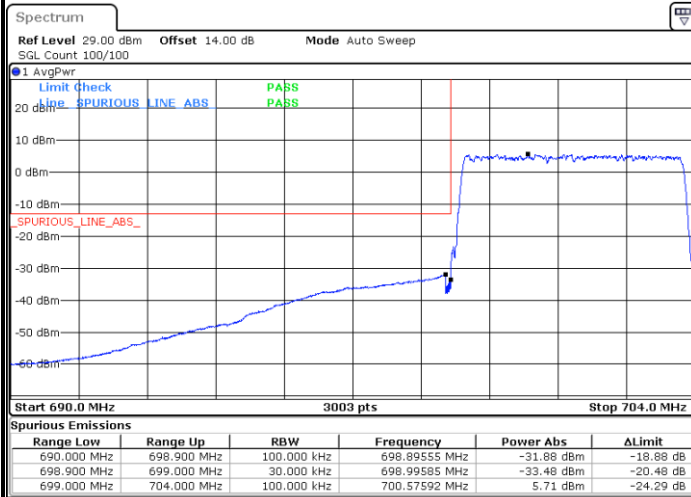
Lowest Band Edge / 1RB



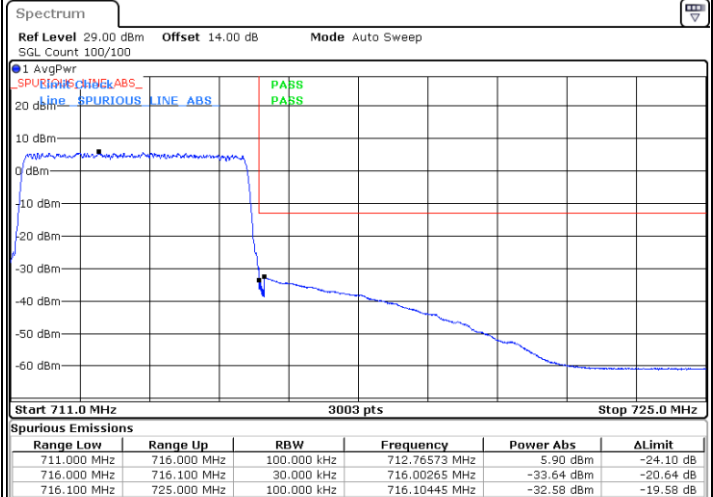
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



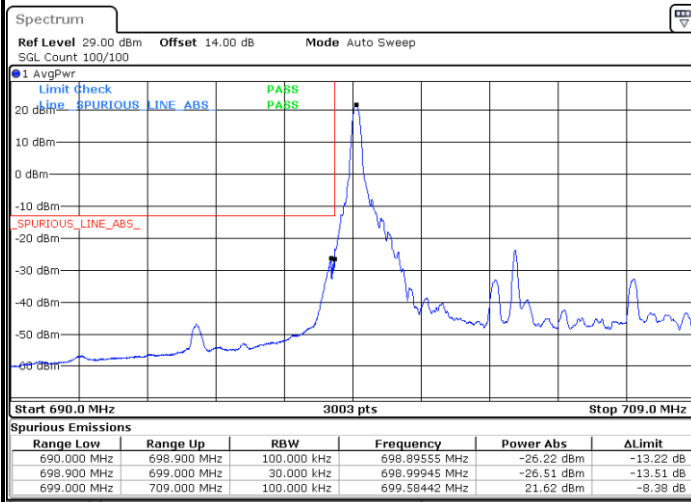
Highest Band Edge / Full RB



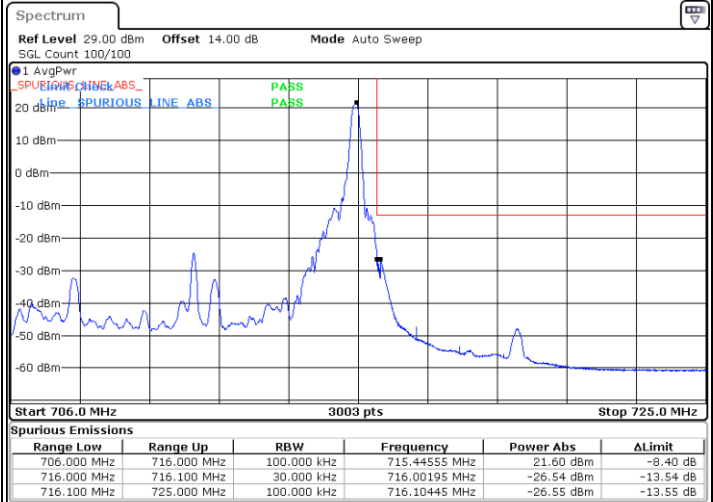


LTE Band 12 / 10MHz / QPSK

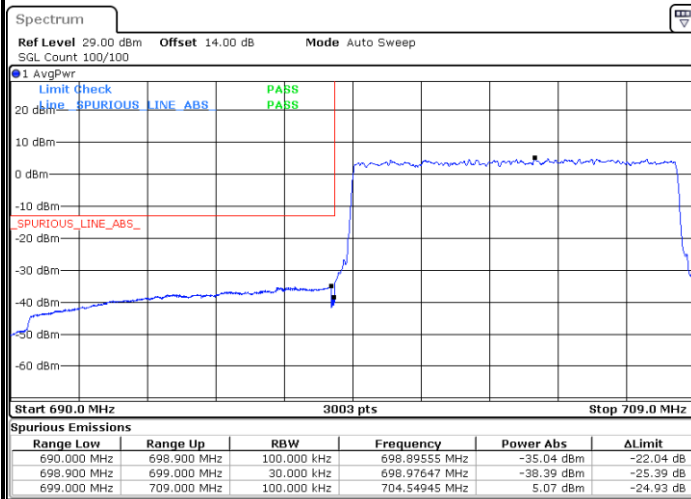
Lowest Band Edge / 1 RB



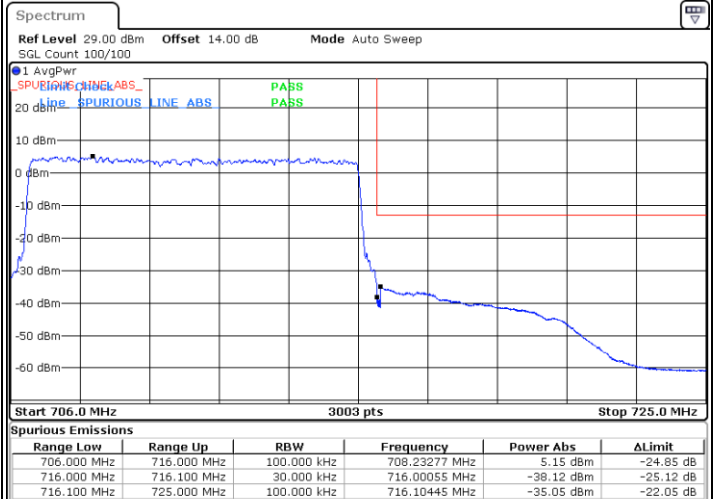
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



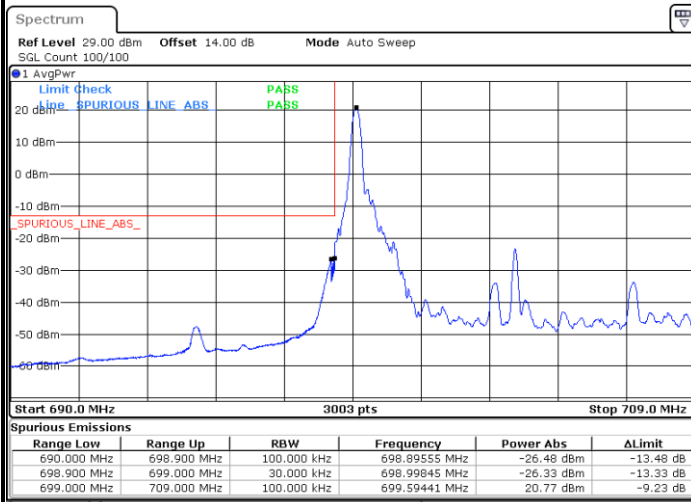
Highest Band Edge / Full RB



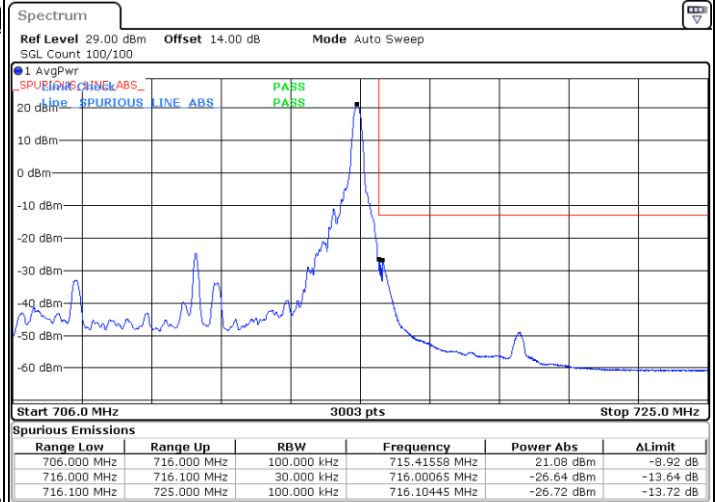


LTE Band 12 / 10MHz / 16QAM

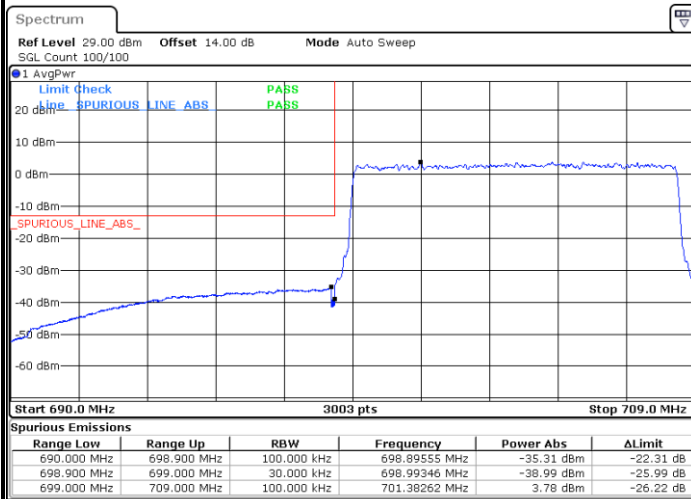
Lowest Band Edge / 1 RB



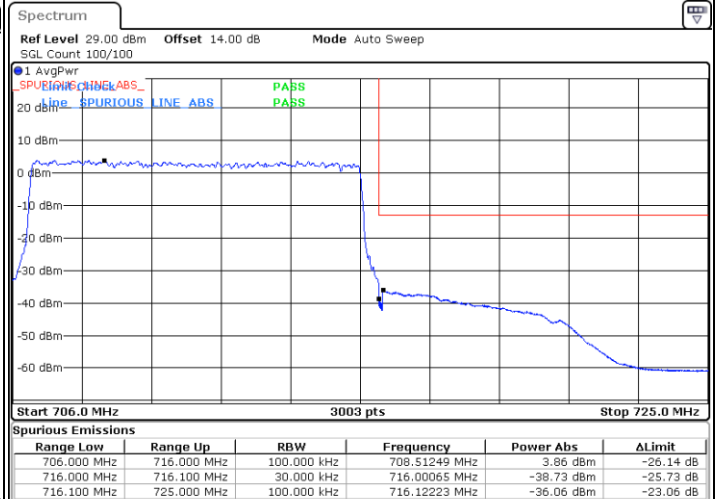
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



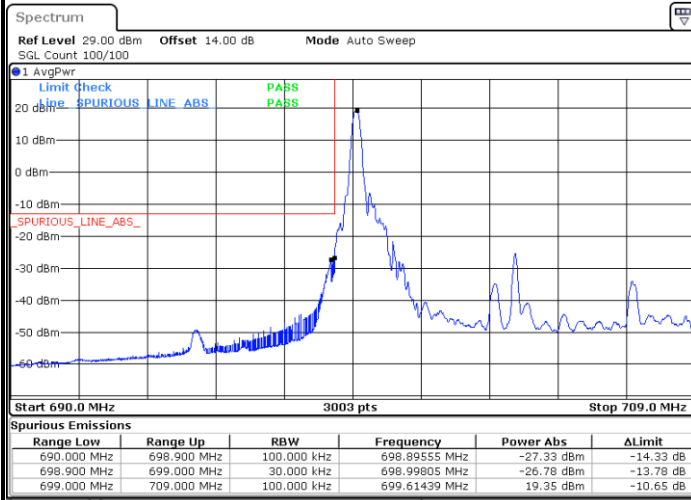
Highest Band Edge / Full RB



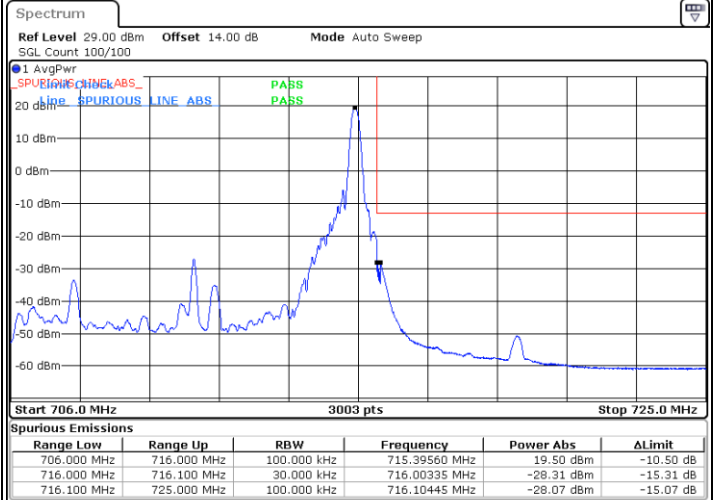


LTE Band 12 / 10MHz / 64QAM

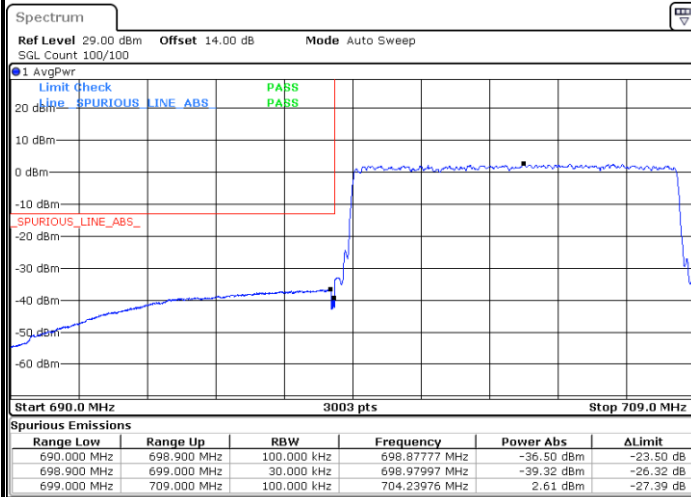
Lowest Band Edge / 1 RB



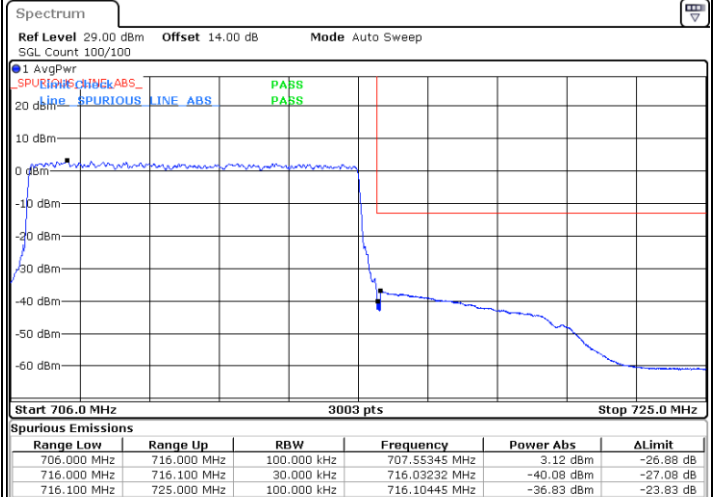
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

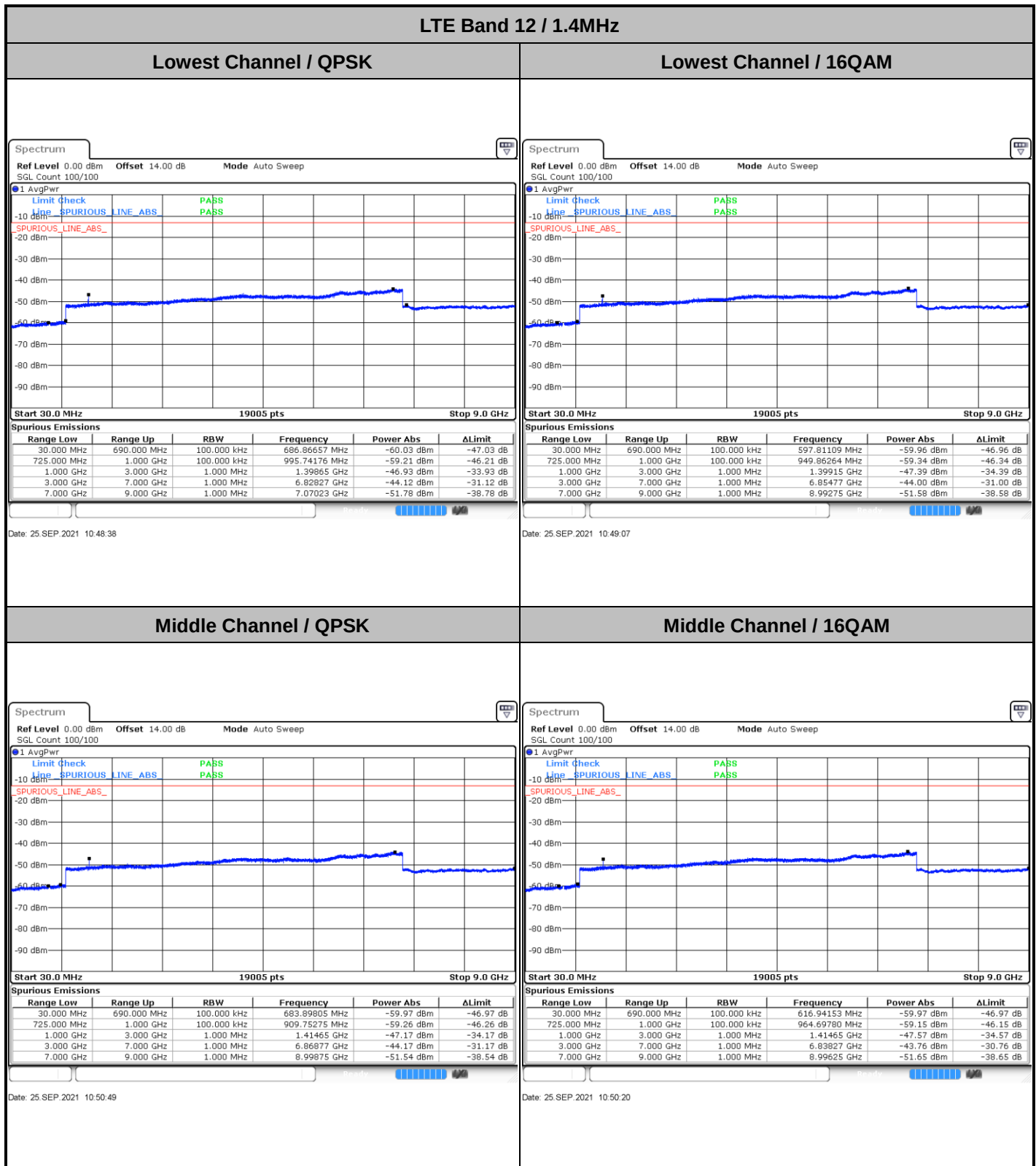


Highest Band Edge / Full RB





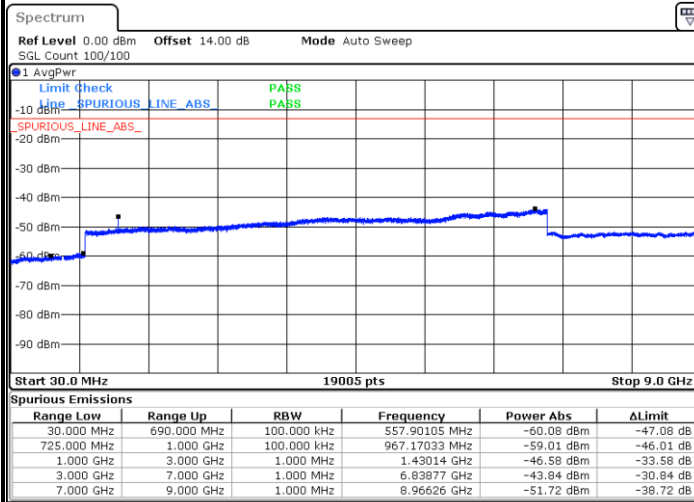
Conducted Spurious Emission





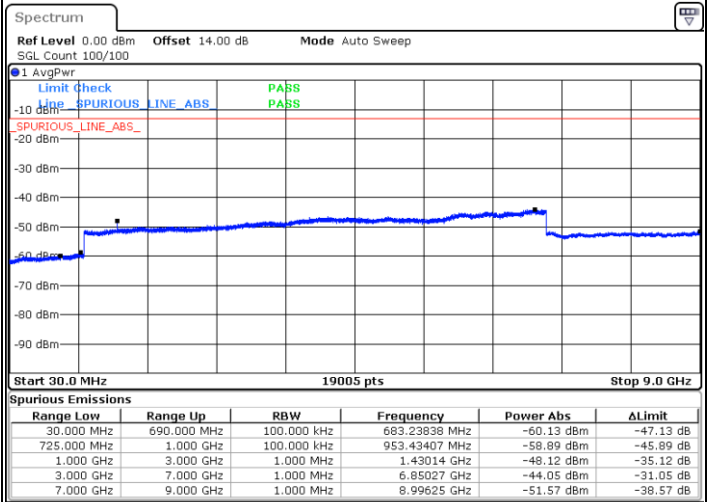
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 25 SEP 2021 10:57:18

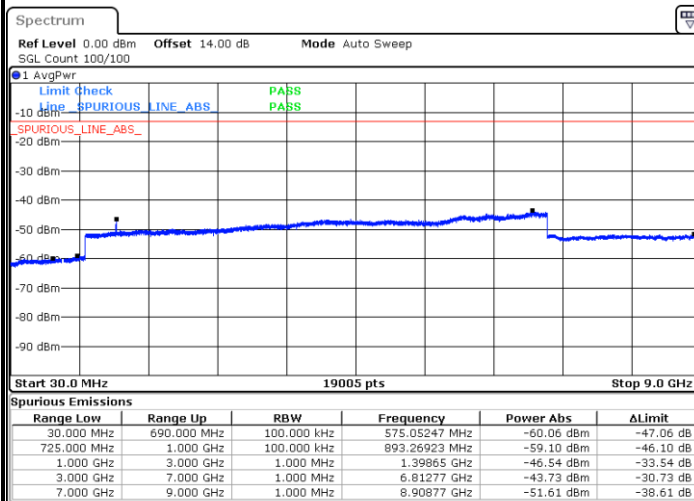
Highest Channel / 16QAM



Date: 25 SEP 2021 10:57:47

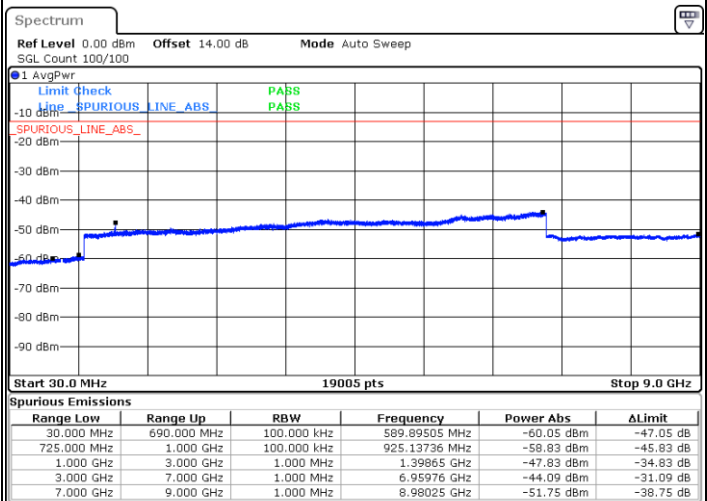
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 25 SEP 2021 10:01:46

Lowest Channel / 16QAM

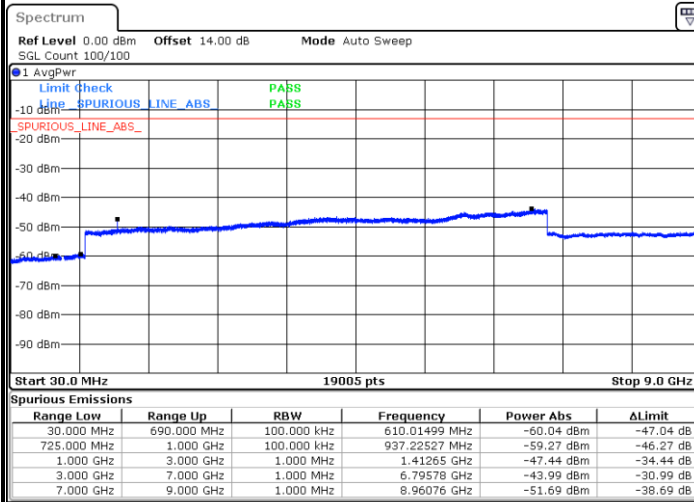


Date: 25 SEP 2021 10:02:15



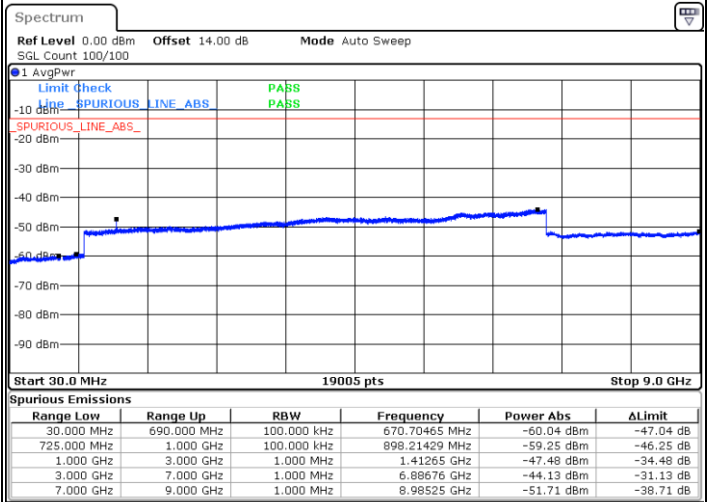
LTE Band 12 / 3MHz

Middle Channel / QPSK



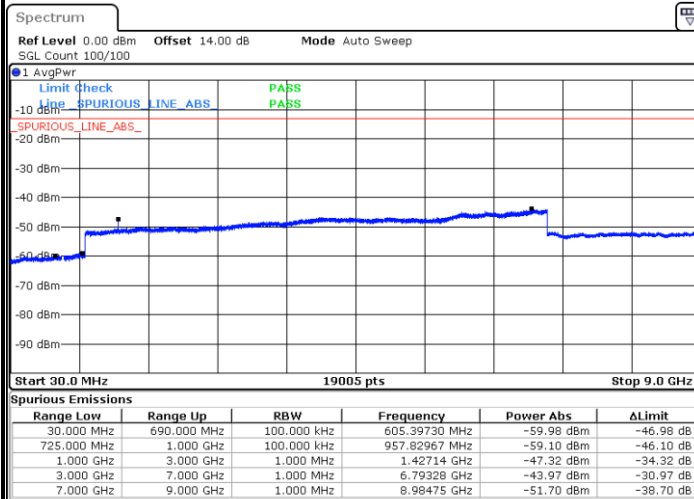
Date: 25 SEP.2021 10:03:57

Middle Channel / 16QAM



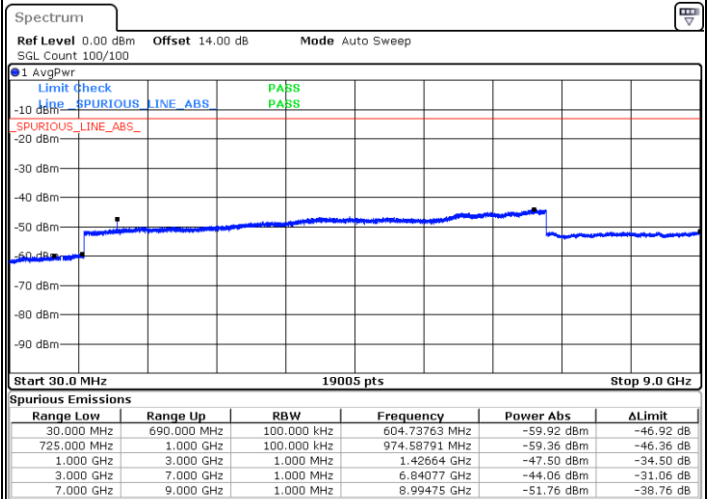
Date: 25 SEP.2021 10:03:28

Highest Channel / QPSK



Date: 25 SEP.2021 10:10:26

Highest Channel / 16QAM

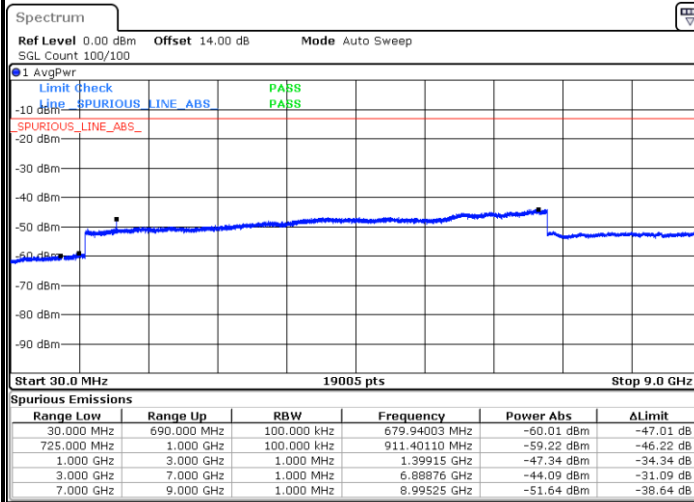


Date: 25 SEP.2021 10:10:55



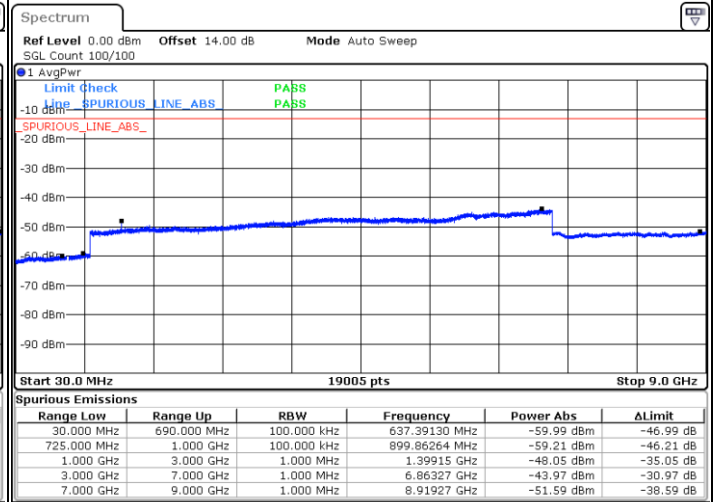
LTE Band 12 / 5MHz

Lowest Channel / QPSK



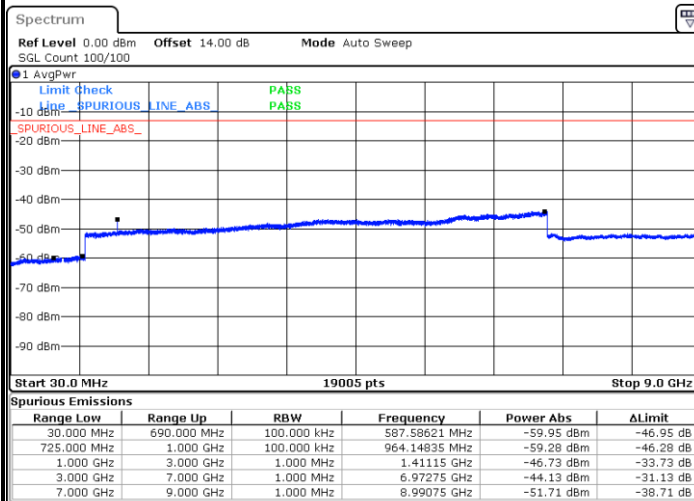
Date: 25 SEP. 2021 10:17:23

Lowest Channel / 16QAM



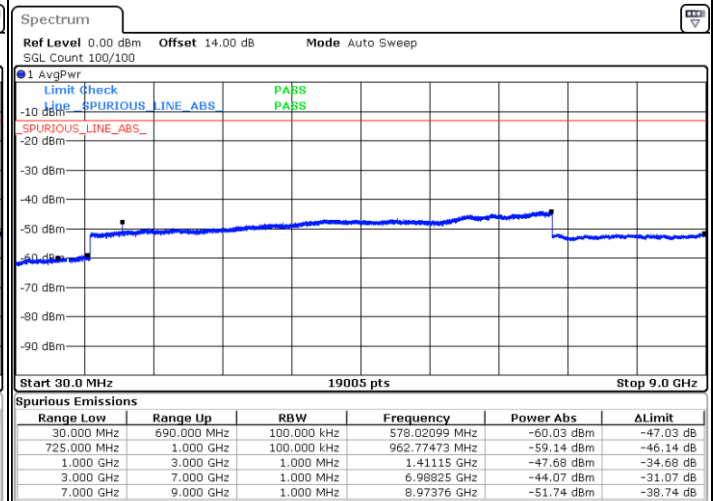
Date: 25 SEP. 2021 10:17:53

Middle Channel / QPSK



Date: 25 SEP. 2021 10:19:35

Middle Channel / 16QAM

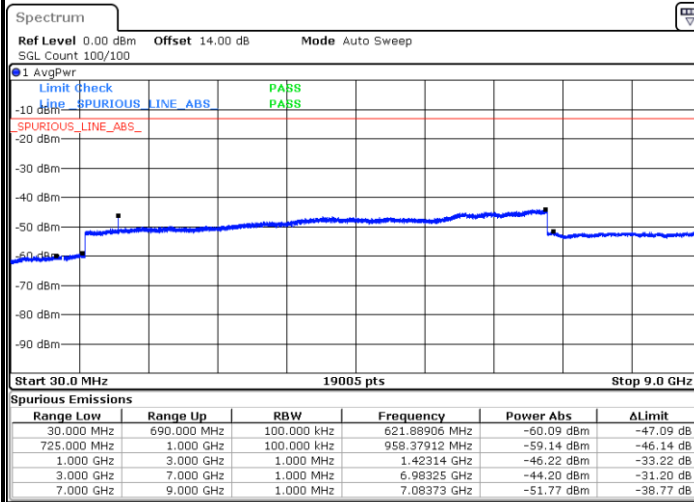


Date: 25 SEP. 2021 10:19:06



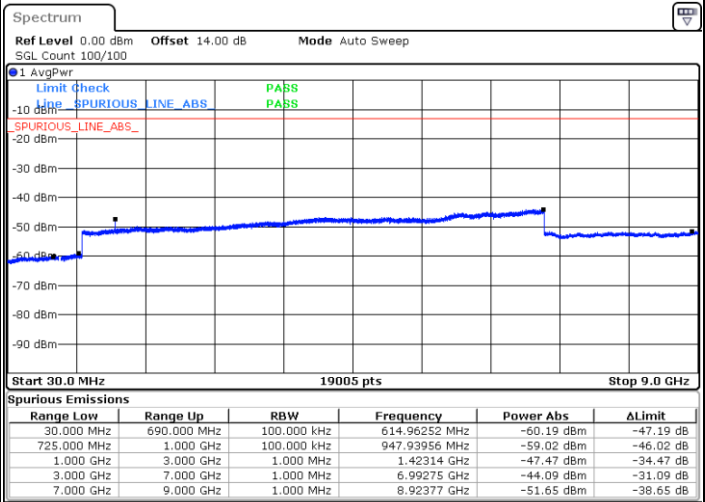
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 25 SEP 2021 10:26:33

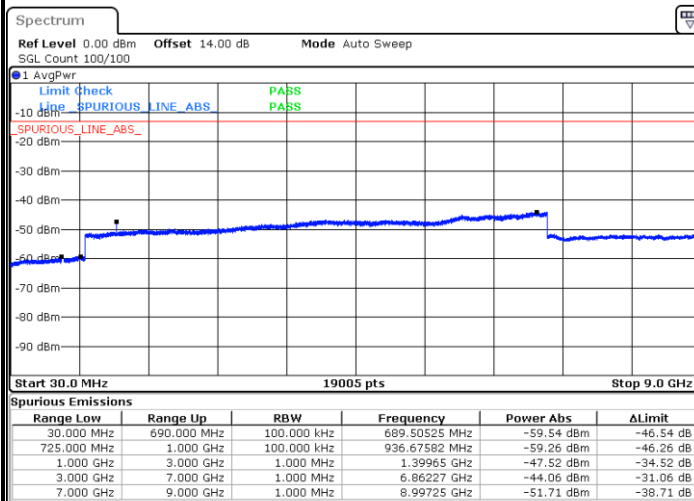
Highest Channel / 16QAM



Date: 25 SEP 2021 10:26:03

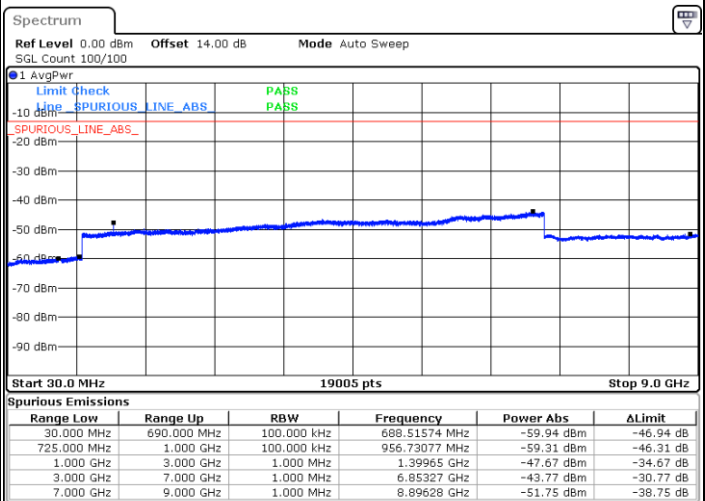
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 25 SEP 2021 10:33:01

Lowest Channel / 16QAM

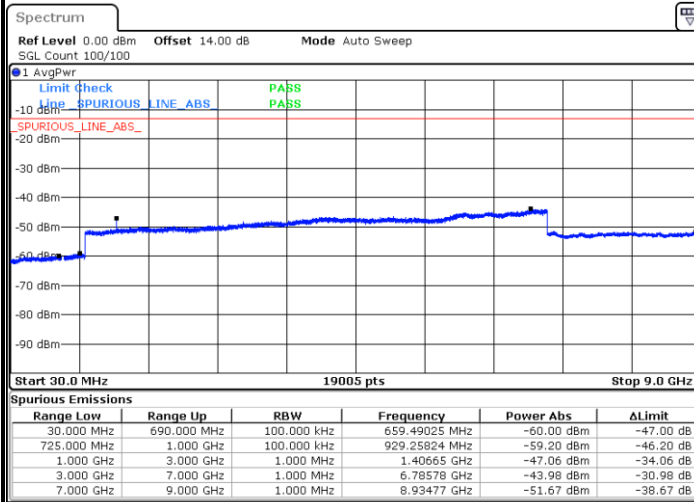


Date: 25 SEP 2021 10:33:30



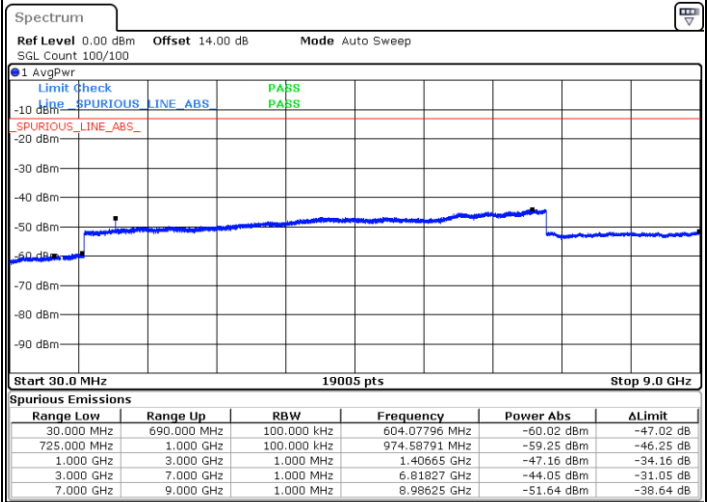
LTE Band 12 / 10MHz

Middle Channel / QPSK



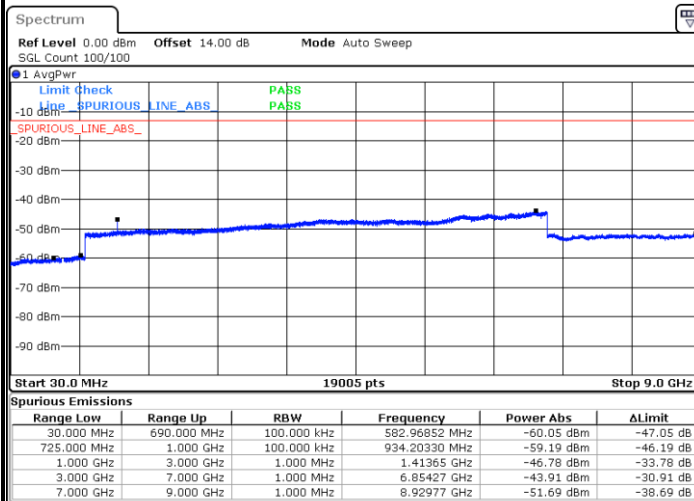
Date: 25 SEP. 2021 10:35:12

Middle Channel / 16QAM



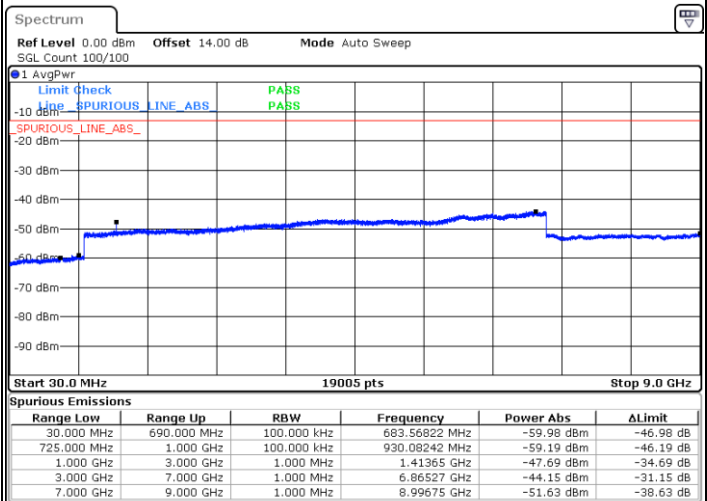
Date: 25 SEP. 2021 10:34:43

Highest Channel / QPSK



Date: 25 SEP. 2021 10:41:41

Highest Channel / 16QAM

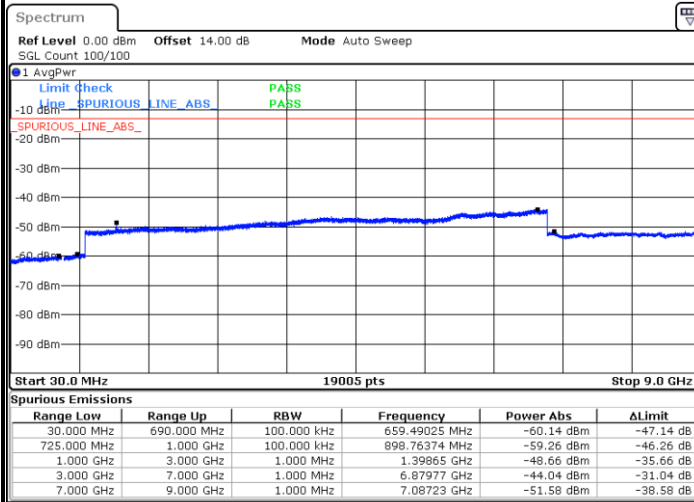


Date: 25 SEP. 2021 10:42:10



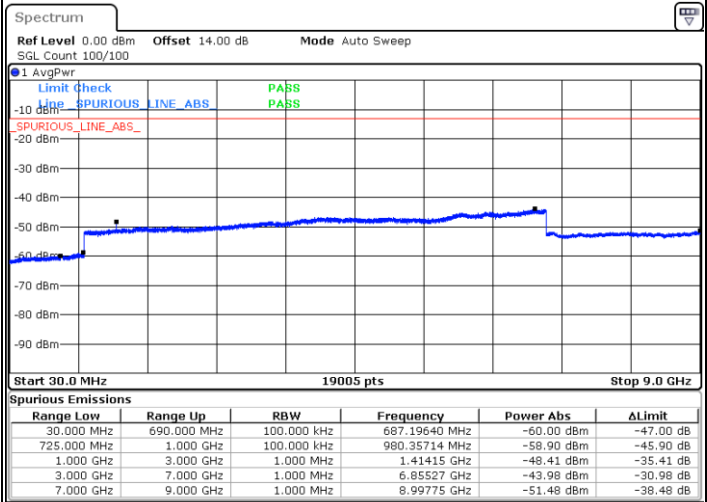
LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM



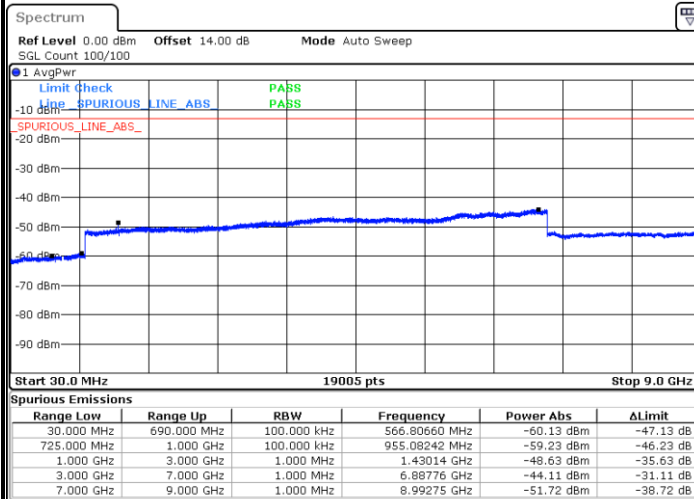
Date: 25 SEP 2021 11:29:11

Middle Channel / 64QAM



Date: 25 SEP 2021 11:30:02

Highest Channel / 64QAM

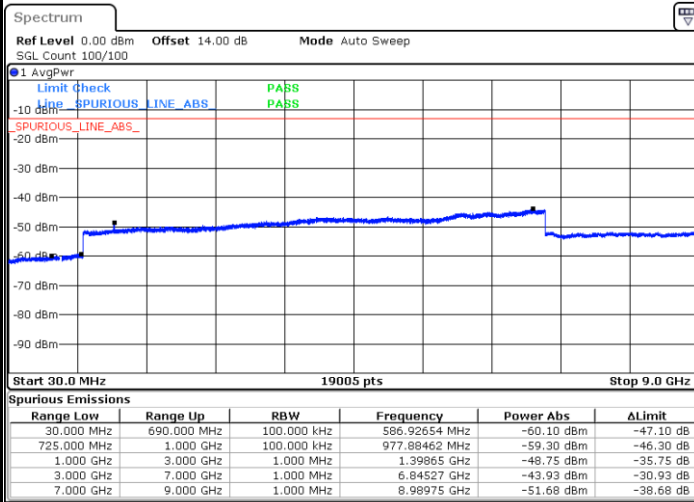


Date: 25 SEP 2021 11:33:31



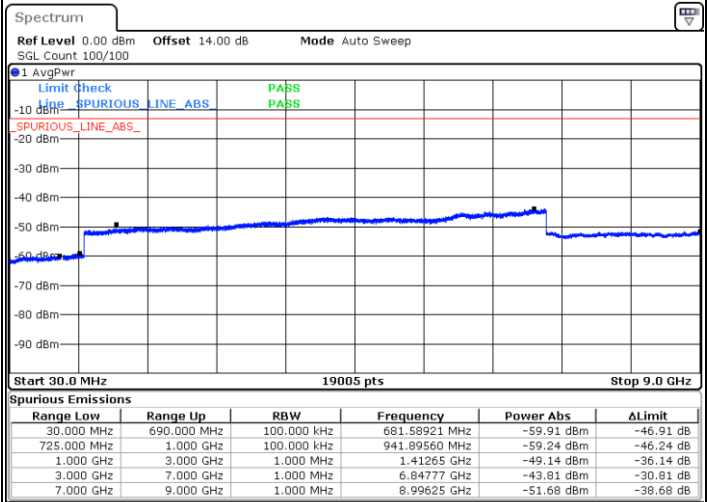
LTE Band 12 / 3MHz

Lowest Channel / 64QAM



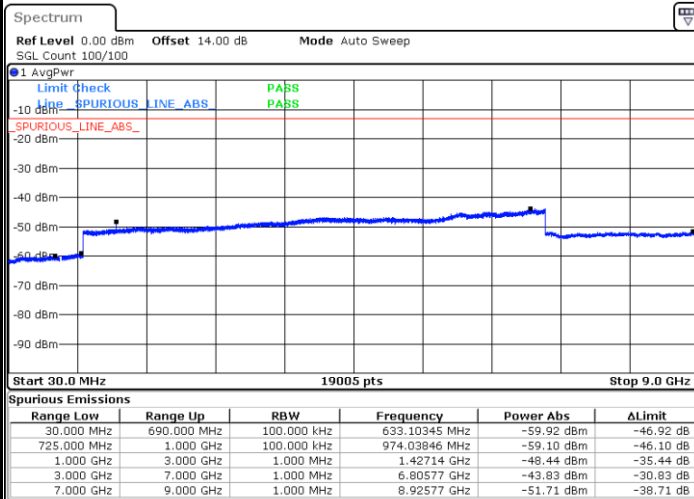
Date: 25 SEP. 2021 11:05:45

Middle Channel / 64QAM



Date: 25 SEP. 2021 11:06:36

Highest Channel / 64QAM

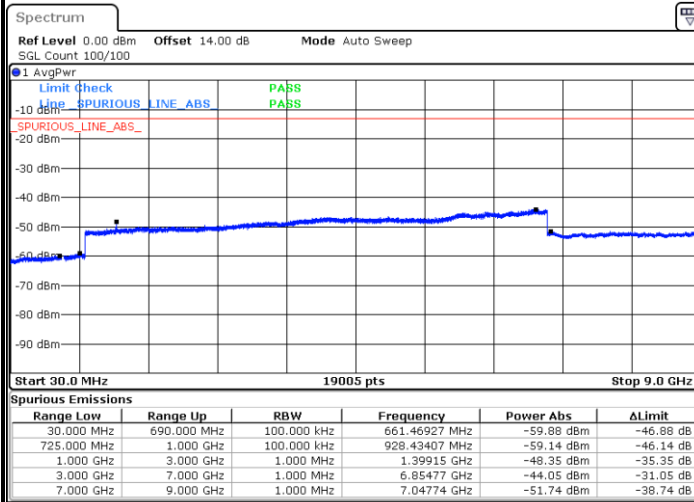


Date: 25 SEP. 2021 11:10:05



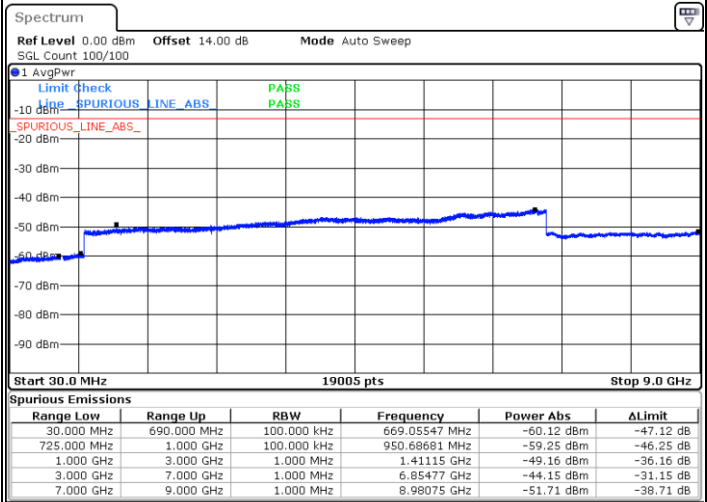
LTE Band 12 / 5MHz

Lowest Channel / 64QAM



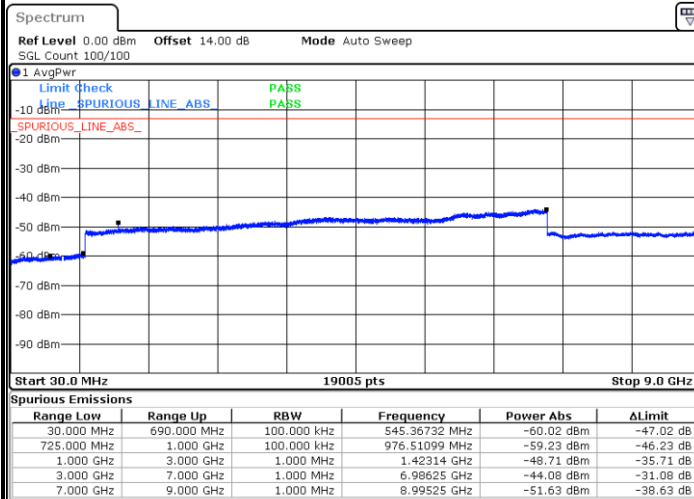
Date: 25 SEP 2021 11:13:34

Middle Channel / 64QAM



Date: 25 SEP 2021 11:14:25

Highest Channel / 64QAM

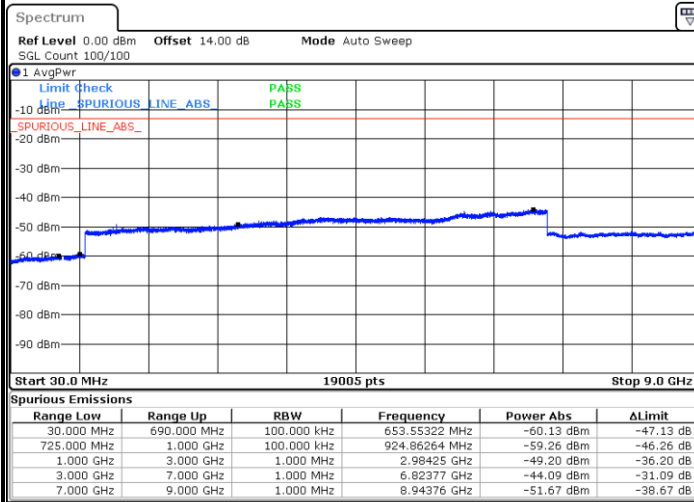


Date: 25 SEP 2021 11:17:54



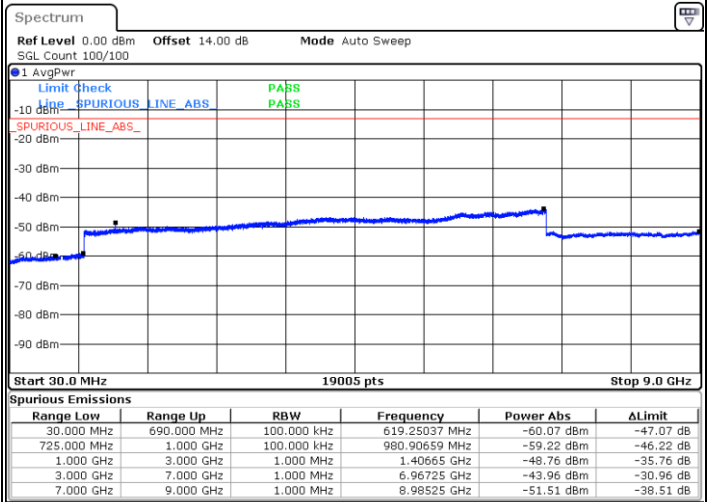
LTE Band 12 / 10MHz

Lowest Channel / 64QAM



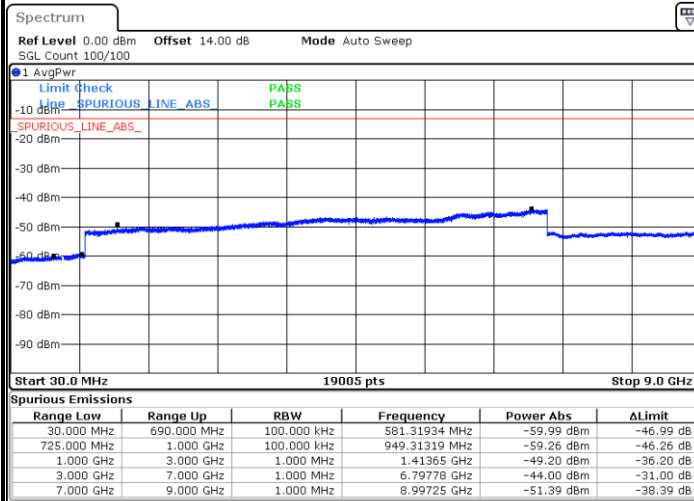
Date: 25 SEP 2021 11:21:23

Middle Channel / 64QAM



Date: 25 SEP 2021 11:22:14

Highest Channel / 64QAM



Date: 25 SEP 2021 11:25:42

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	0.0008	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.49	5.39	5.30	6.32	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	6.20	6.61	-	-	
Highest CH	-	-	-	-	