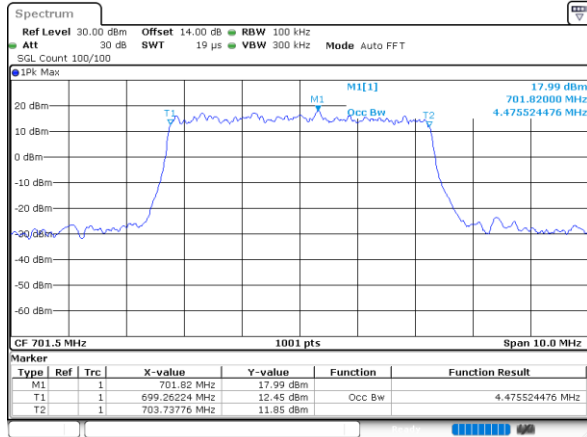


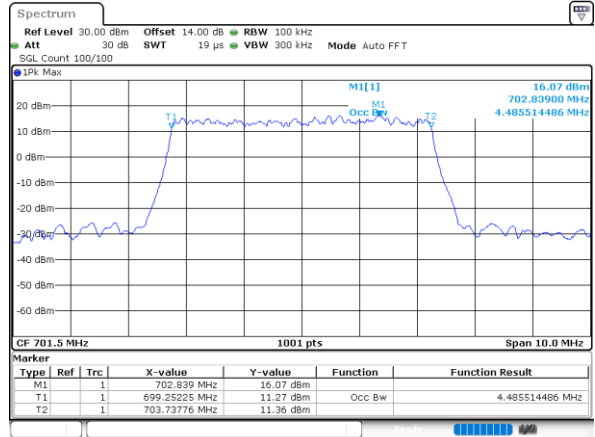


LTE Band 12

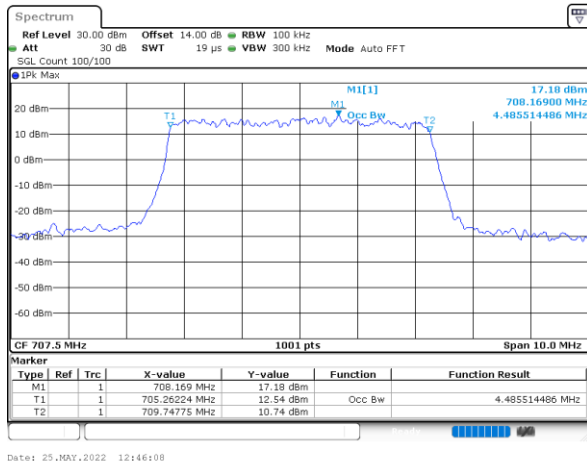
Lowest Channel / 5MHz / QPSK



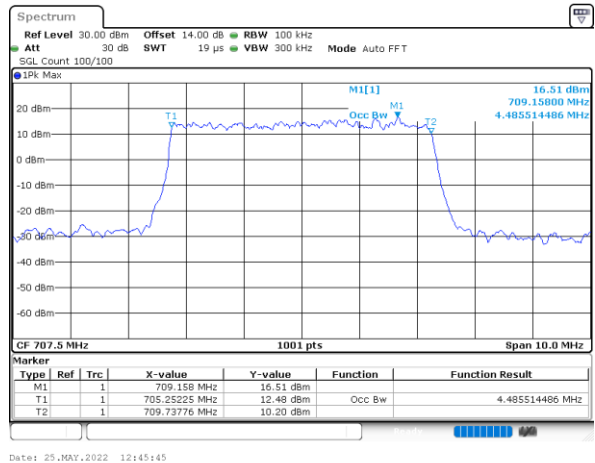
Lowest Channel / 5MHz / 16QAM



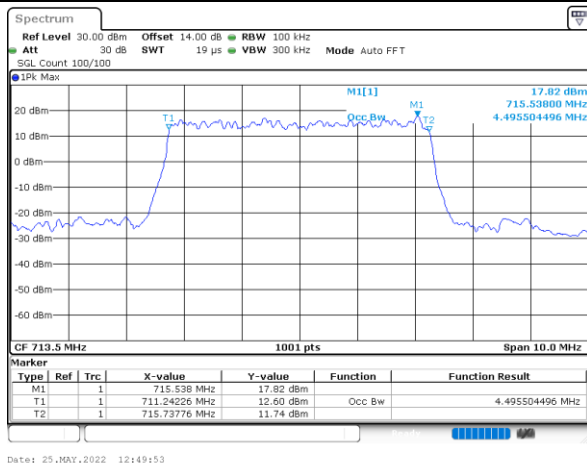
Middle Channel / 5MHz / QPSK



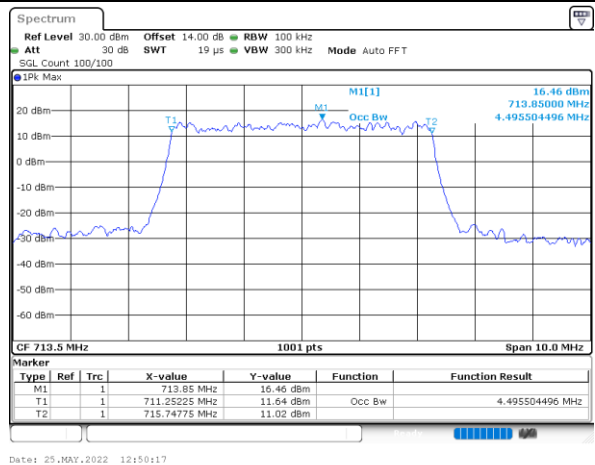
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



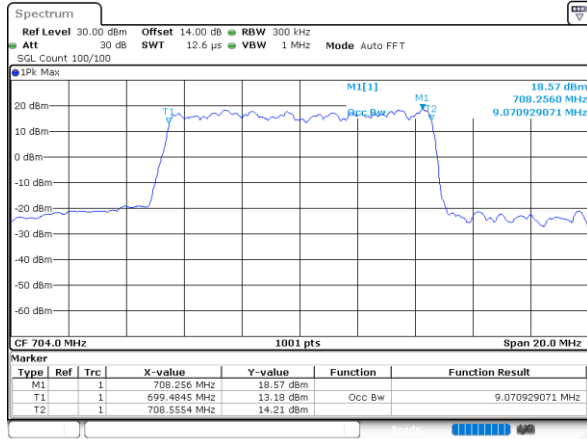
Highest Channel / 5MHz / 16QAM



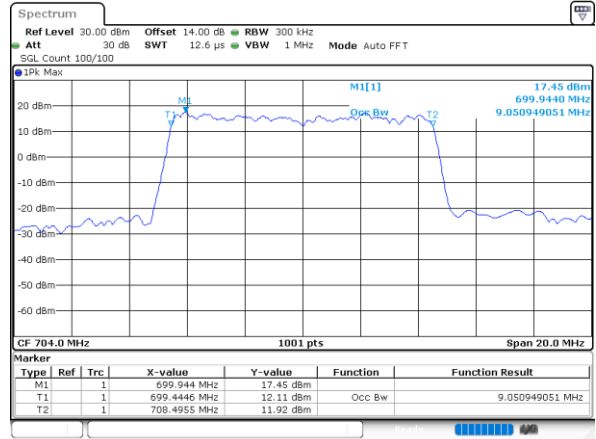


LTE Band 12

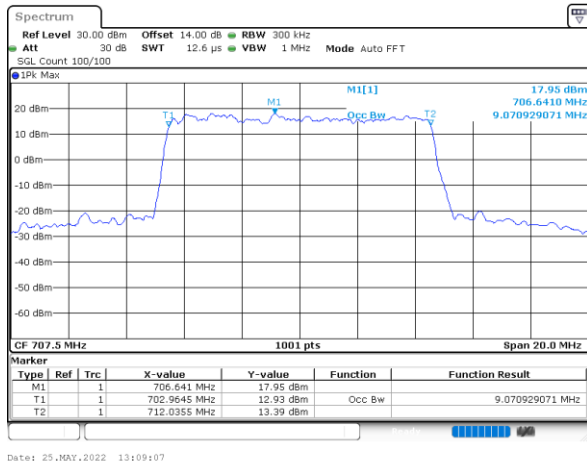
Lowest Channel / 10MHz / QPSK



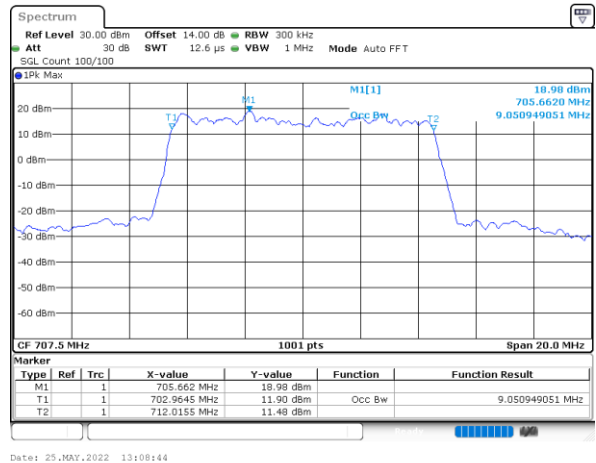
Lowest Channel / 10MHz / 16QAM



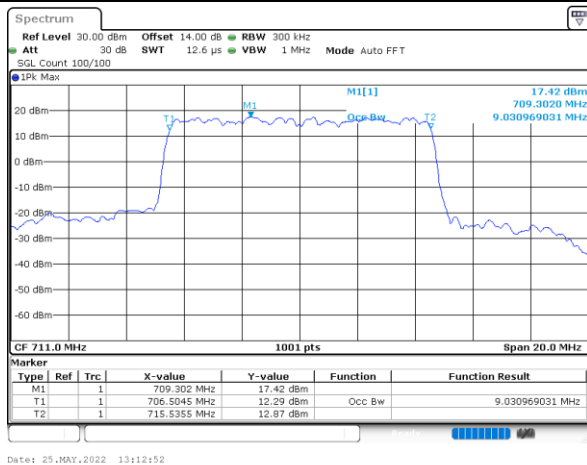
Middle Channel / 10MHz / QPSK



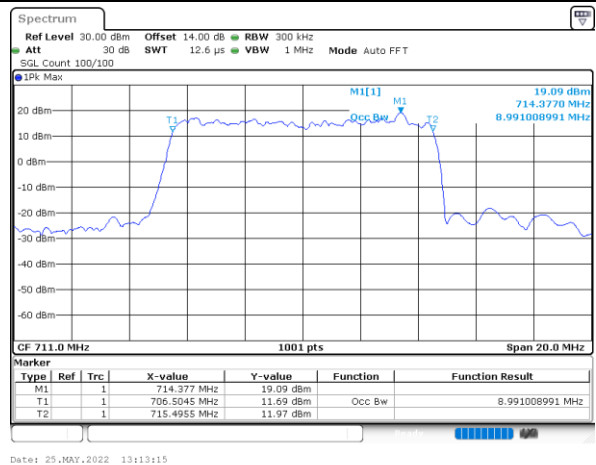
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



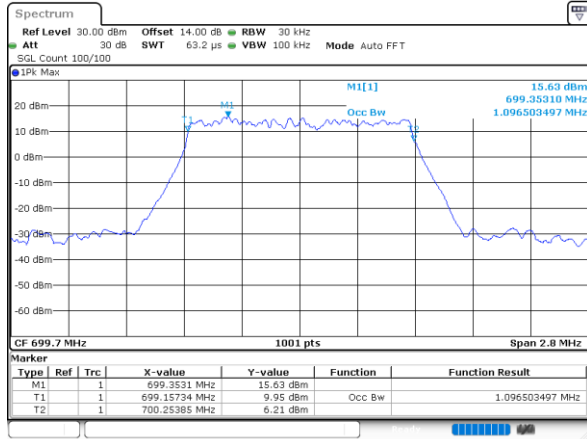
Highest Channel / 10MHz / 16QAM



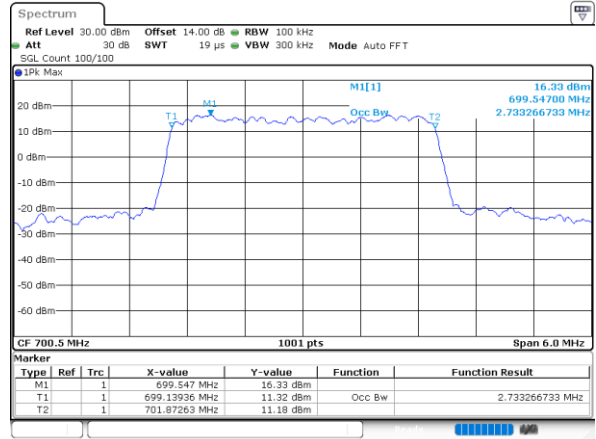


LTE Band 12

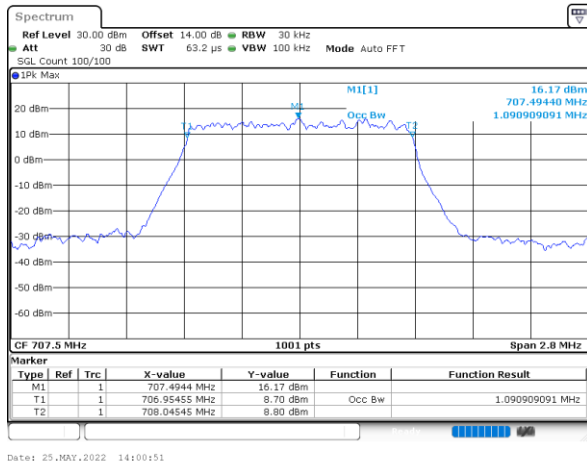
Lowest Channel / 1.4MHz / 64QAM



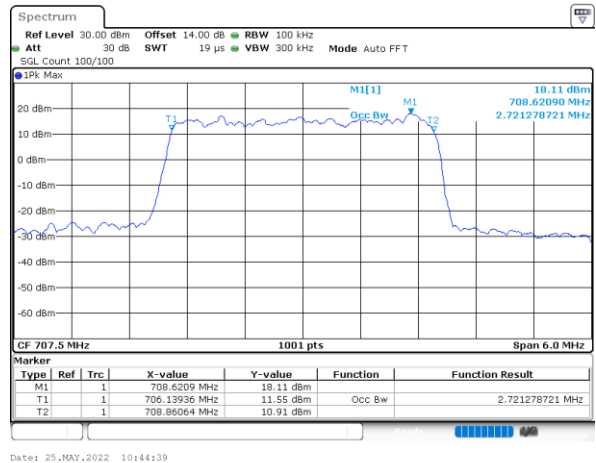
Lowest Channel / 3MHz / 64QAM



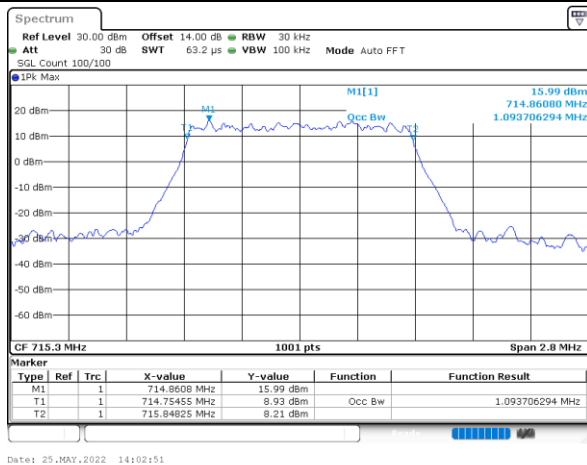
Middle Channel / 1.4MHz / 64QAM



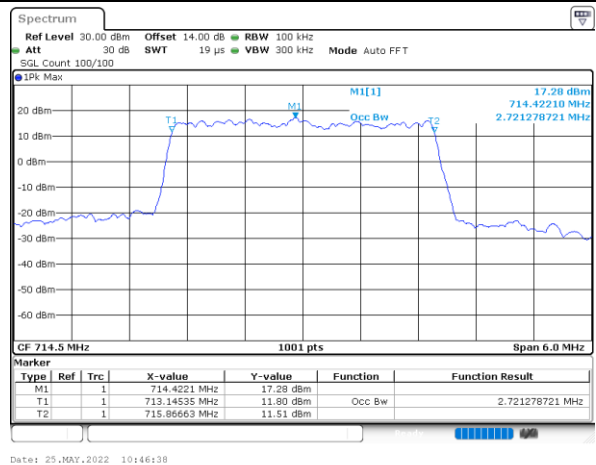
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



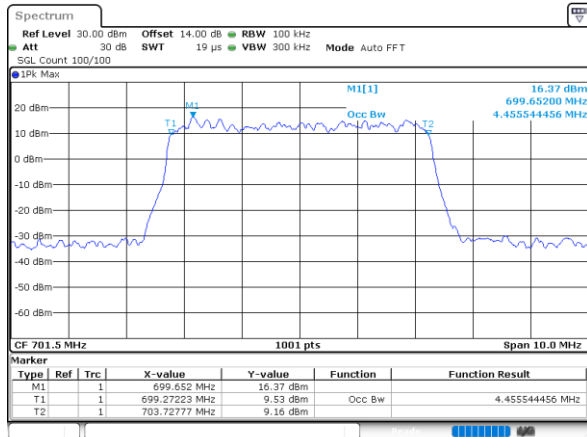
Highest Channel / 3MHz / 64QAM



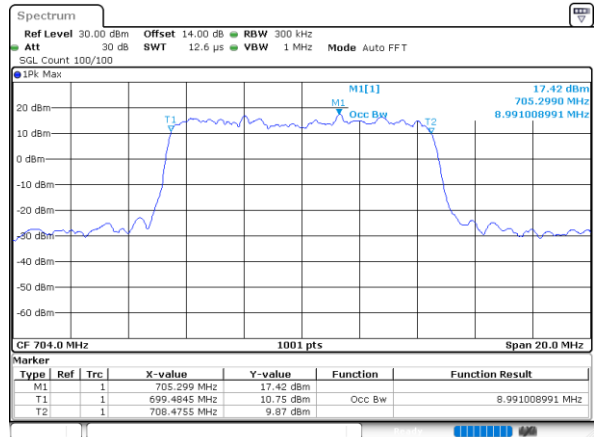


LTE Band 12

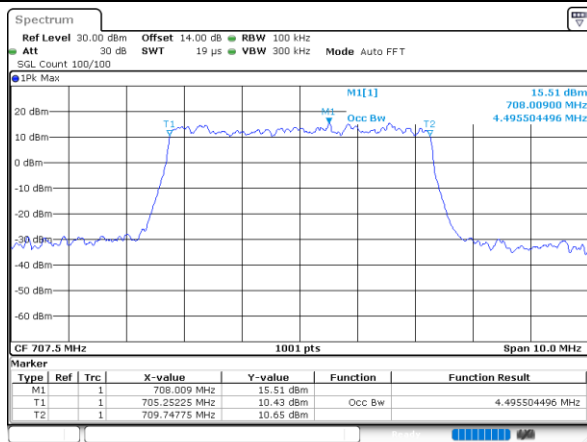
Lowest Channel / 5MHz / 64QAM



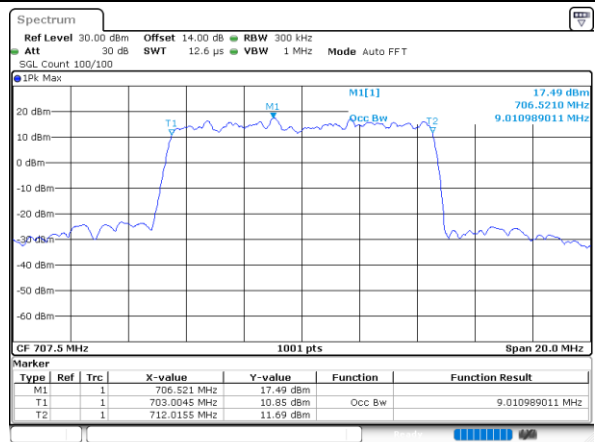
Lowest Channel / 10MHz / 64QAM



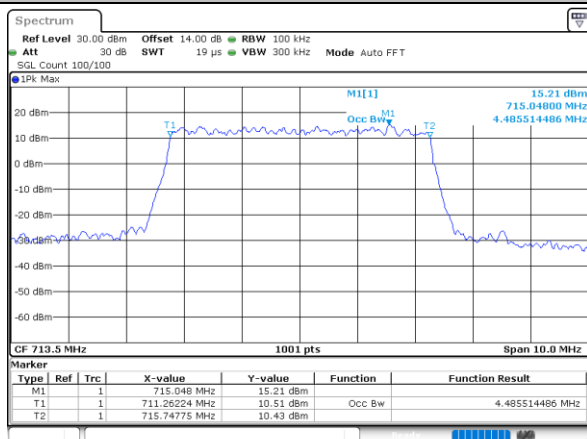
Middle Channel / 5MHz / 64QAM



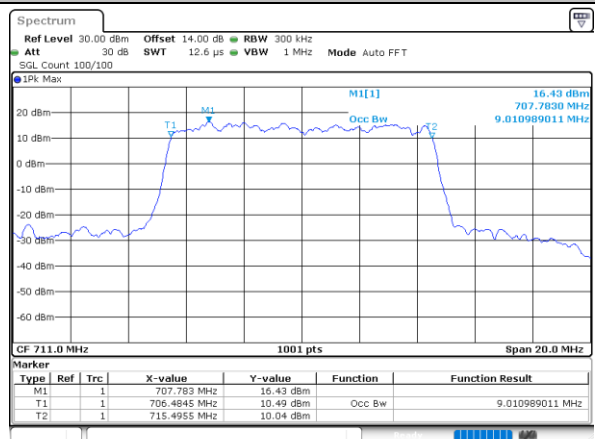
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

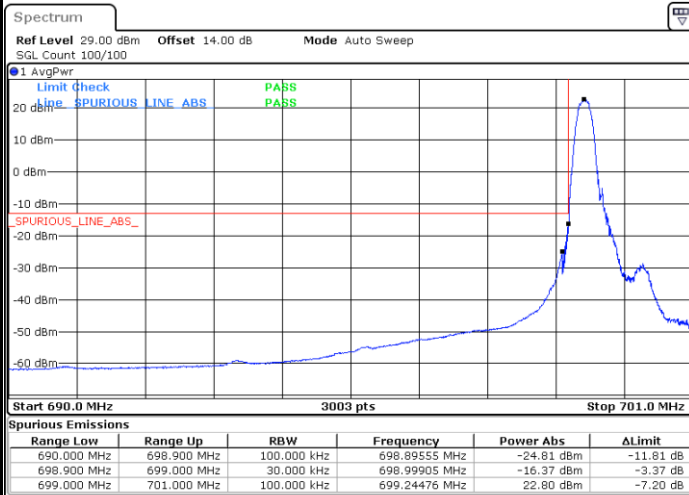




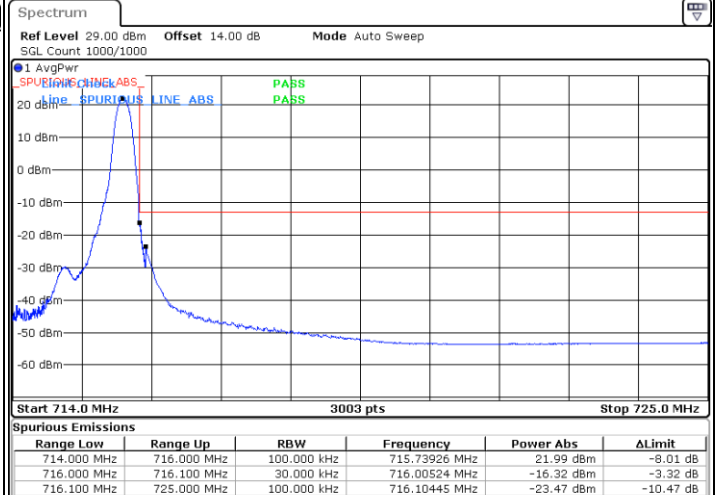
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

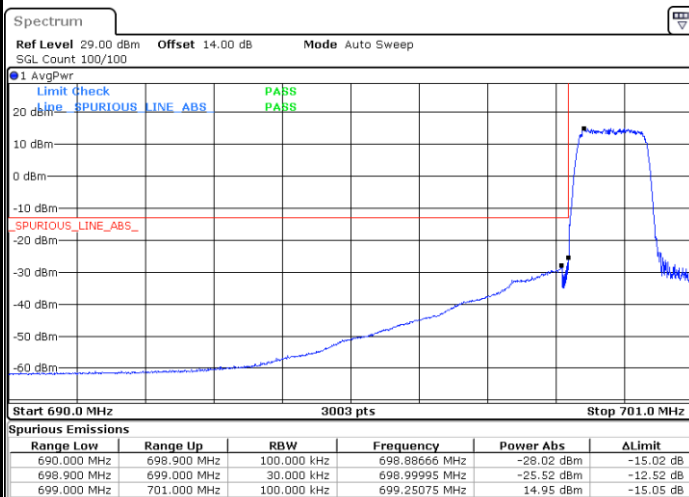
Lowest Band Edge / 1 RB



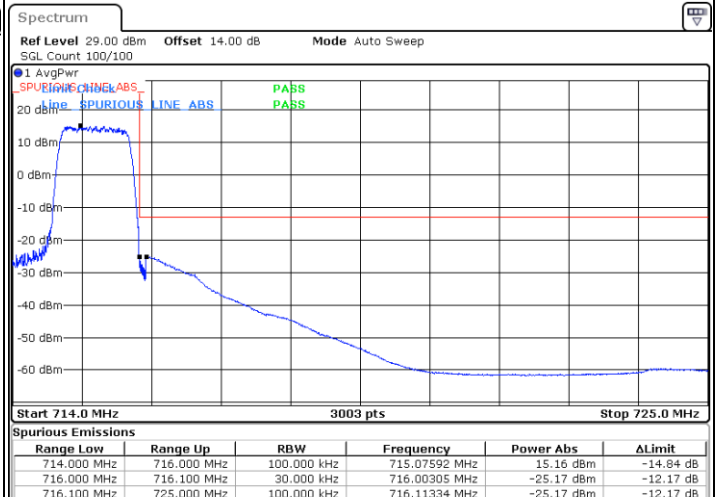
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



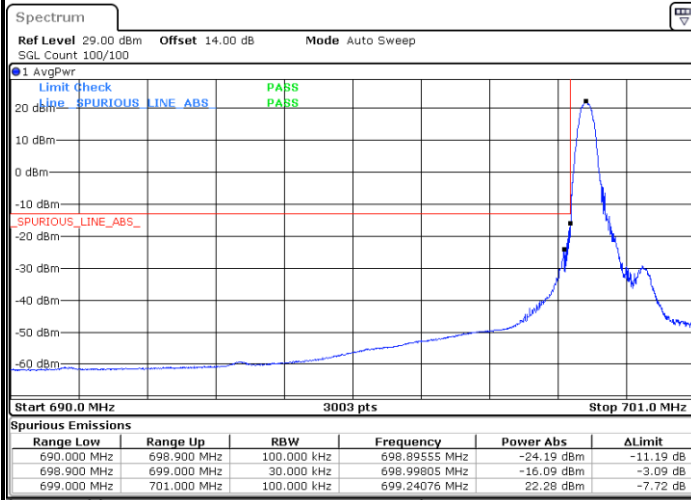
Highest Band Edge / Full RB



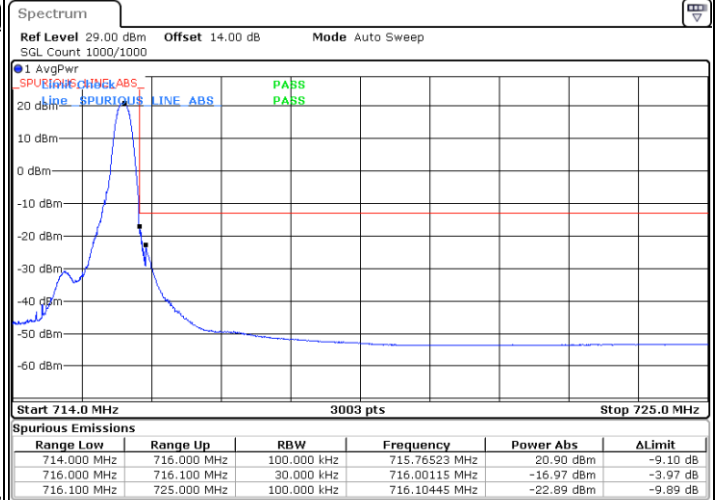


LTE Band 12 / 1.4MHz / 16QAM

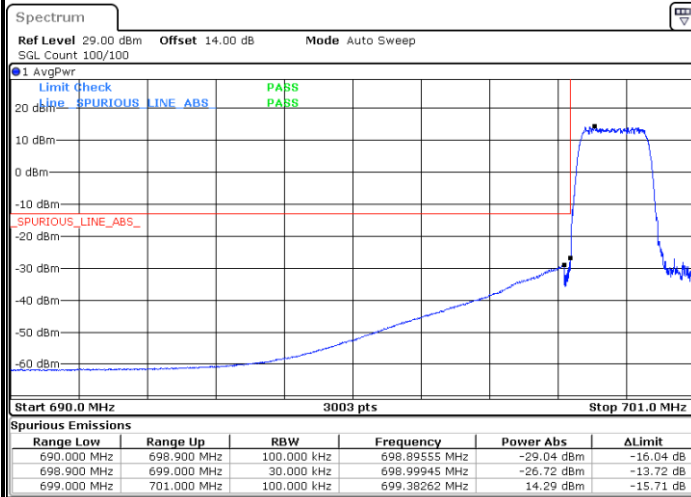
Lowest Band Edge / 1 RB



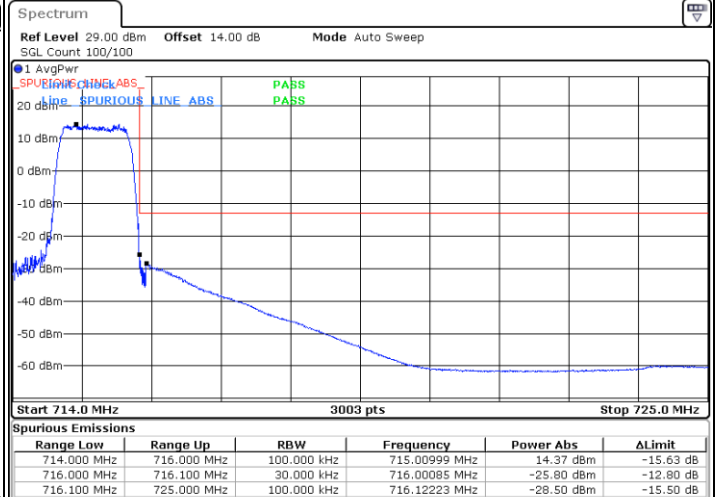
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



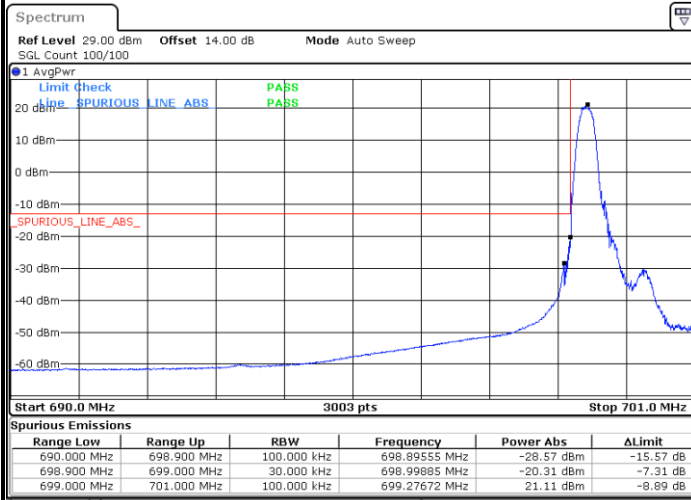
Highest Band Edge / Full RB



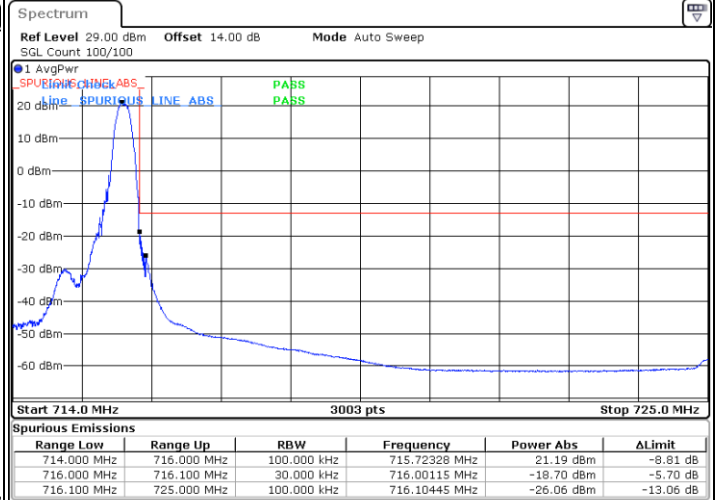


LTE Band 12 / 1.4MHz / 64QAM

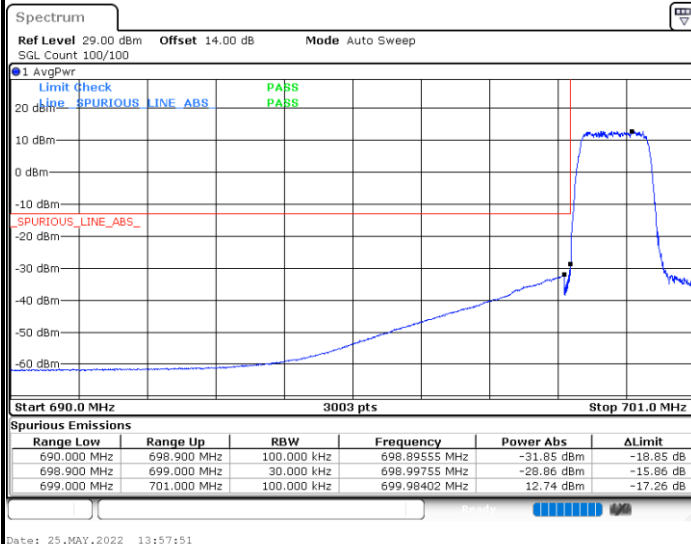
Lowest Band Edge / 1 RB



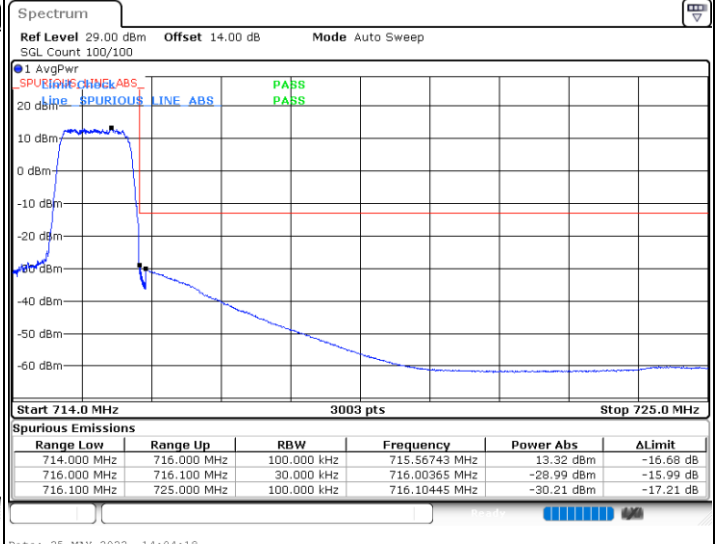
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



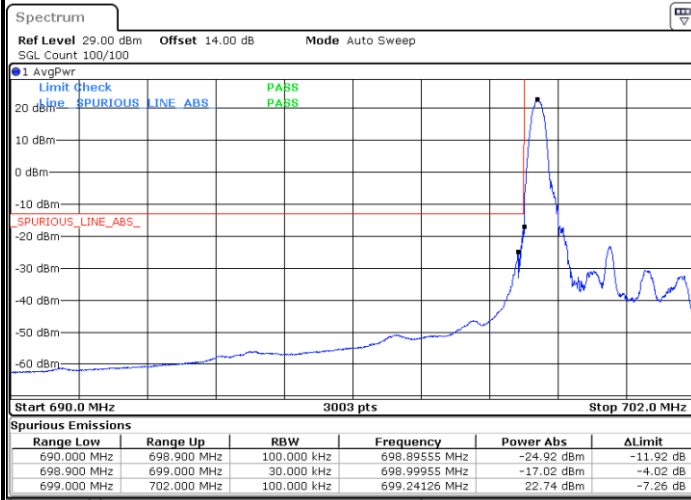
Highest Band Edge / Full RB



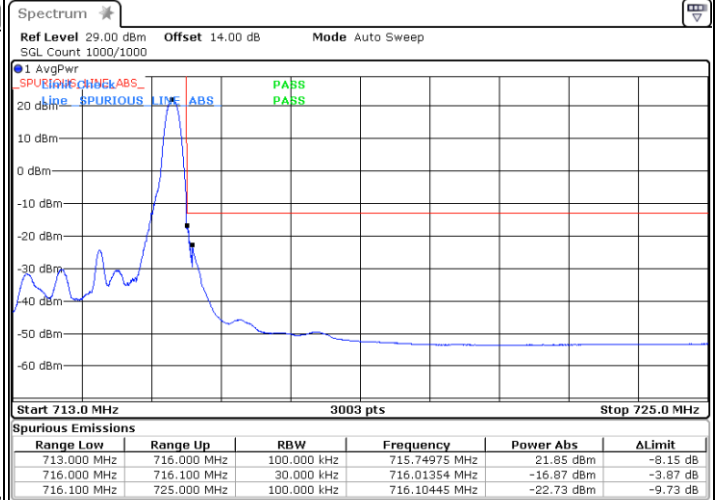


LTE Band 12 / 3MHz / QPSK

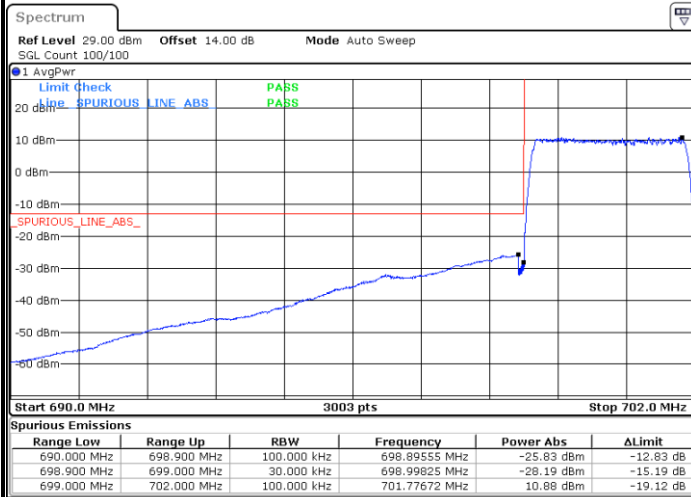
Lowest Band Edge / 1RB



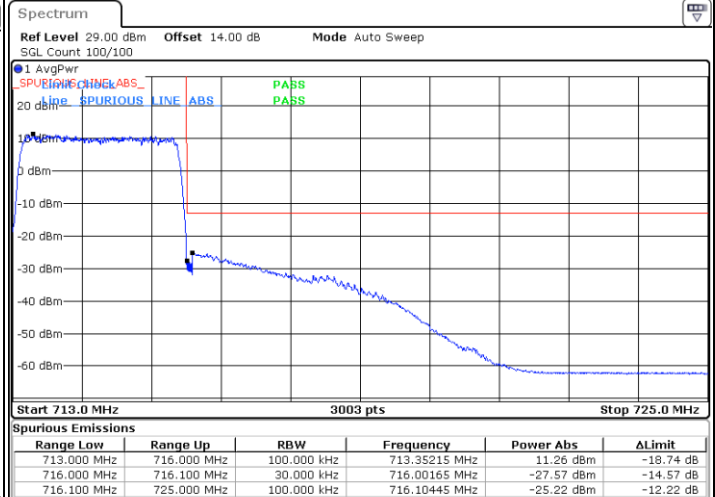
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



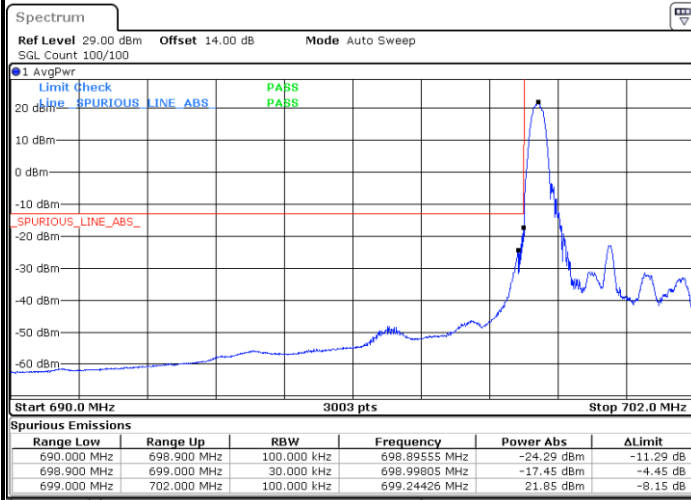
Highest Band Edge / Full RB



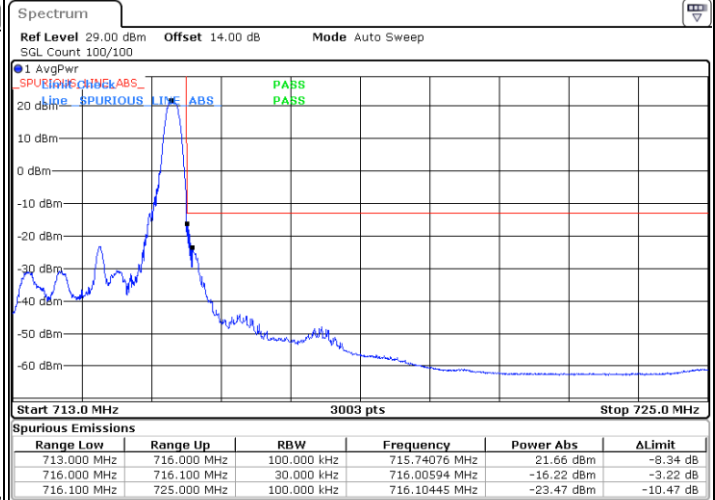


LTE Band 12 / 3MHz / 16QAM

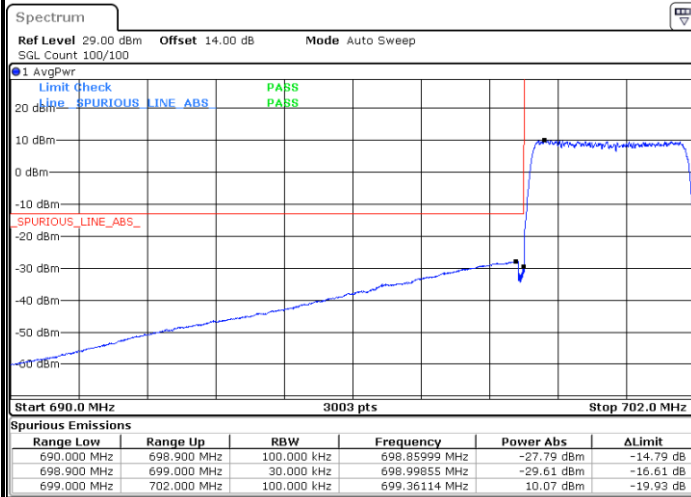
Lowest Band Edge / 1 RB



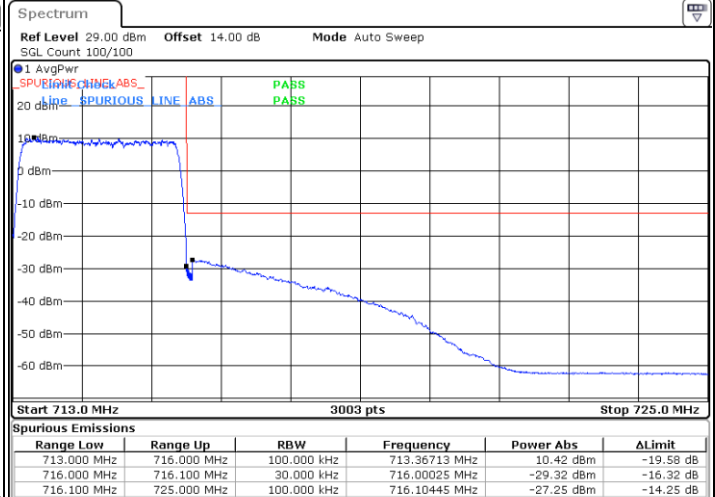
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



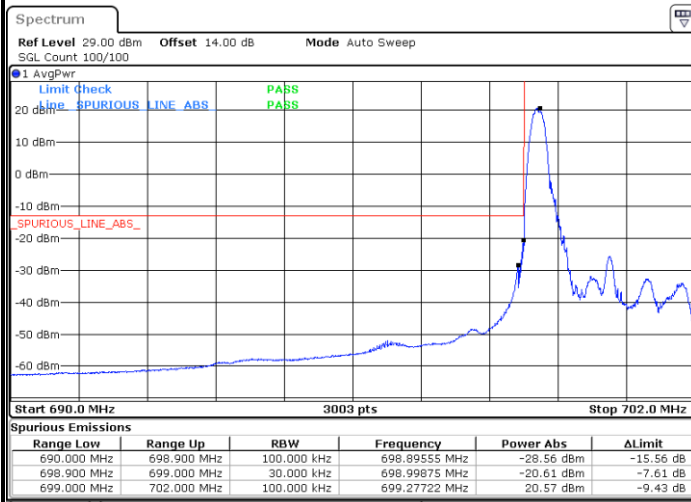
Highest Band Edge / Full RB



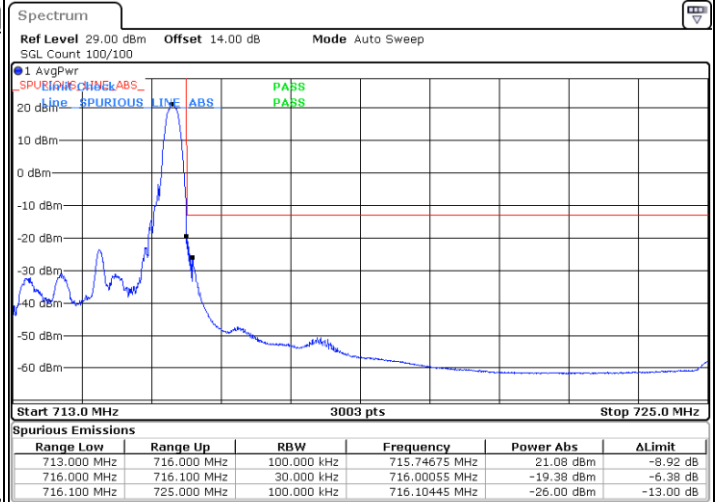


LTE Band 12 / 3MHz / 64QAM

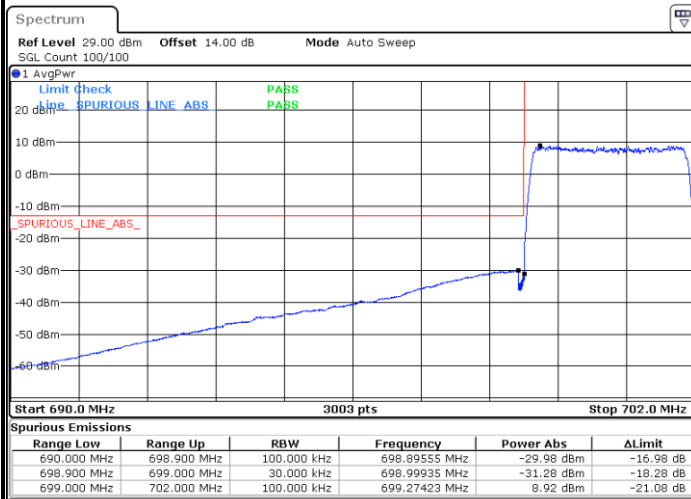
Lowest Band Edge / 1 RB



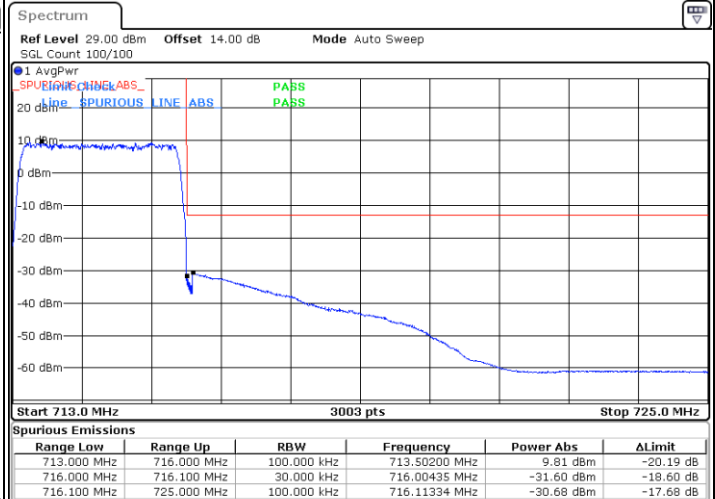
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



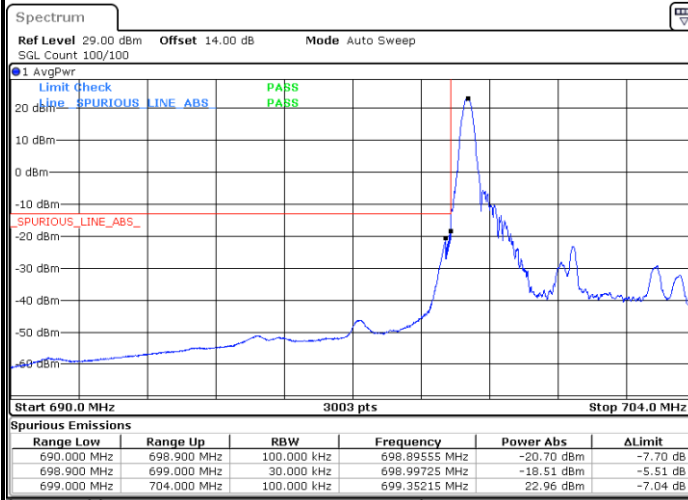
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

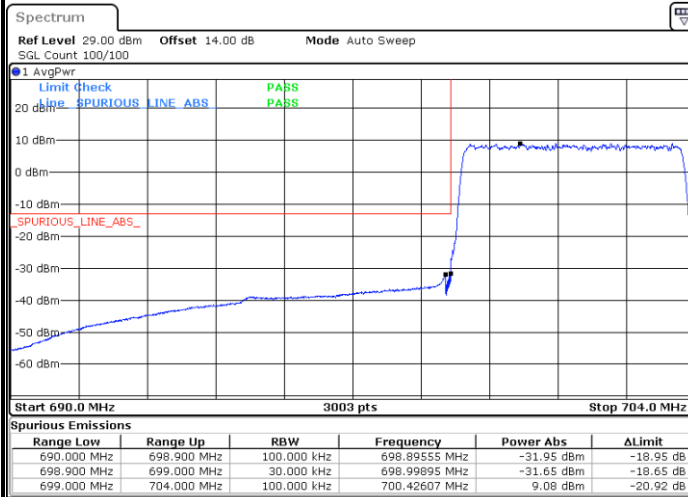
Lowest Band Edge / 1 RB



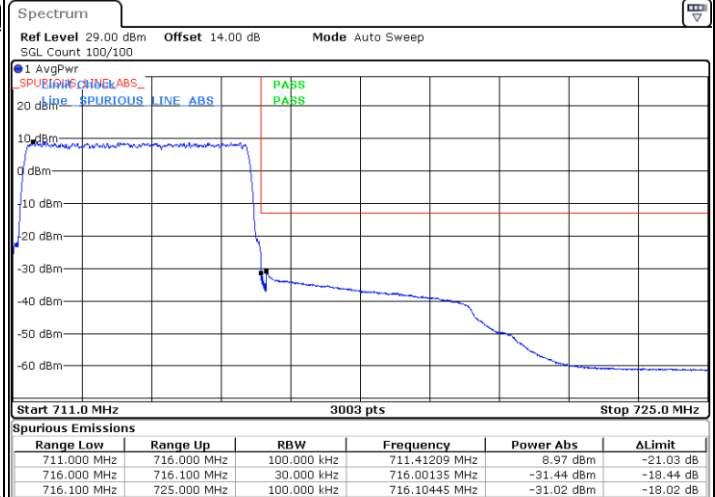
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



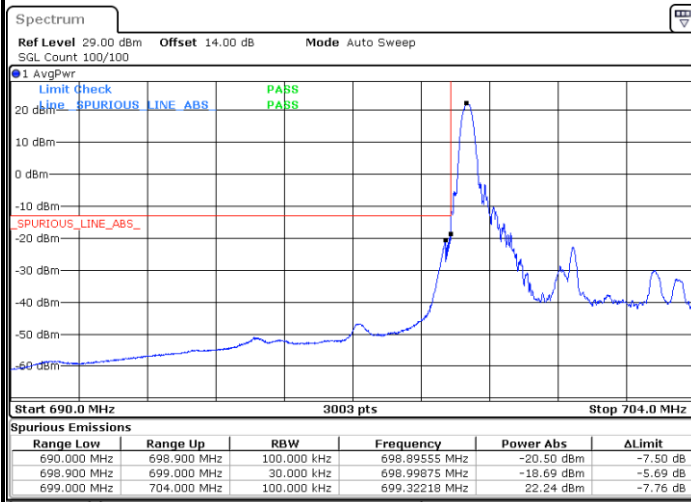
Highest Band Edge / Full RB



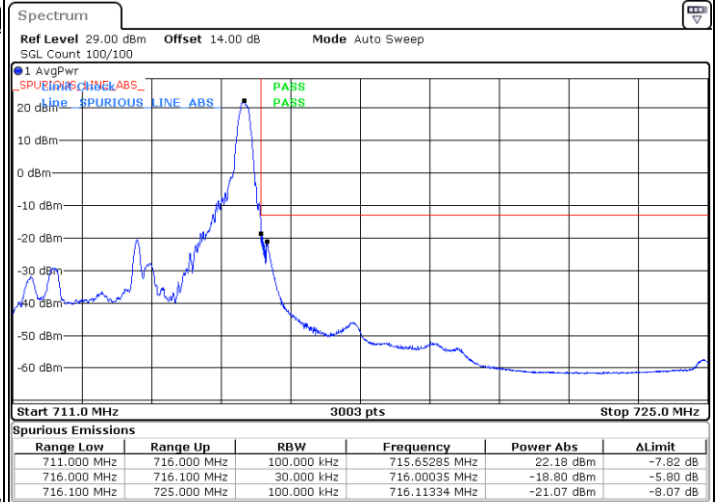


LTE Band 12 / 5MHz / 16QAM

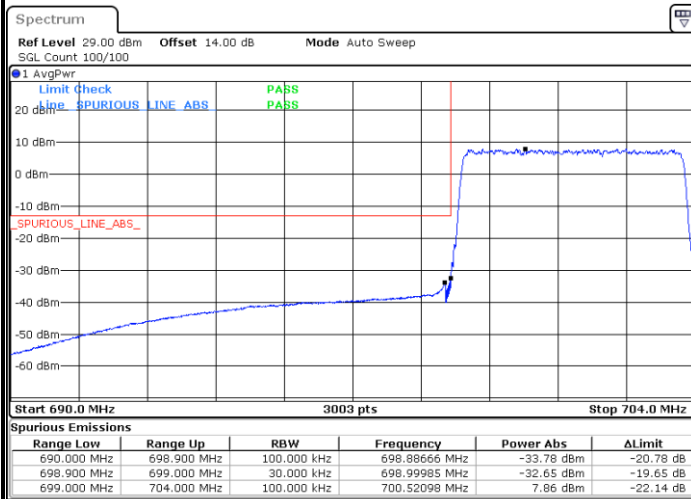
Lowest Band Edge / 1RB



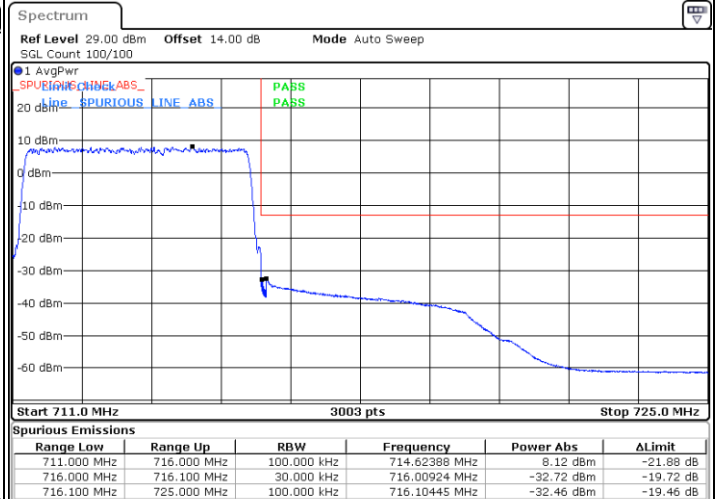
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



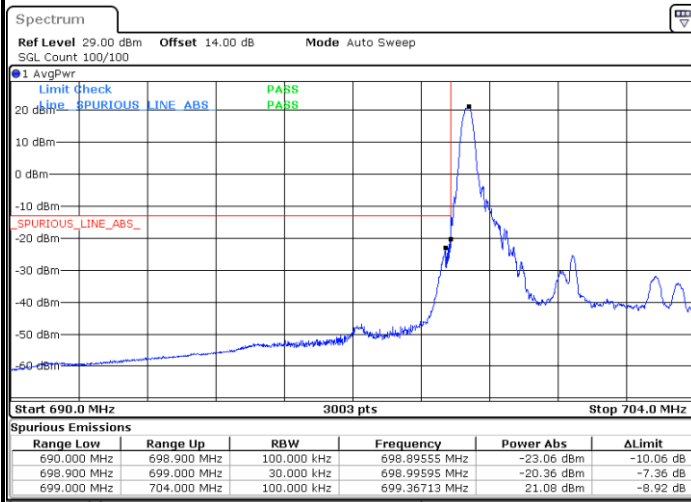
Highest Band Edge / Full RB



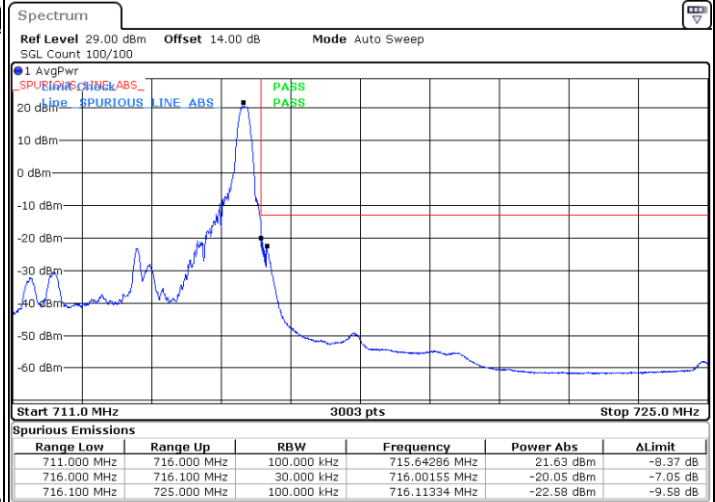


LTE Band 12 / 5MHz / 64QAM

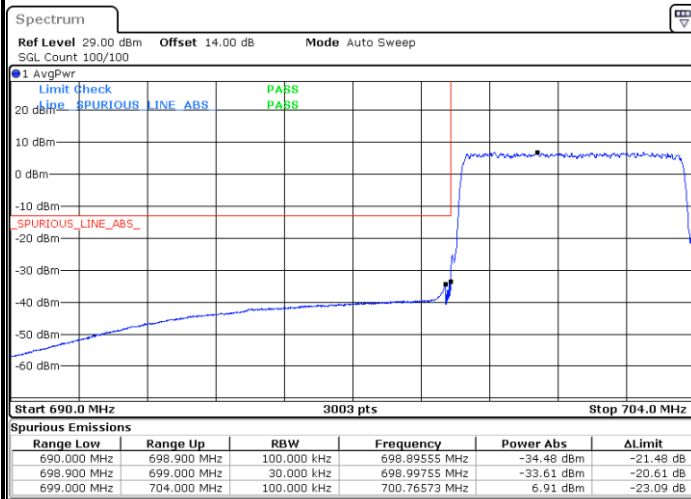
Lowest Band Edge / 1RB



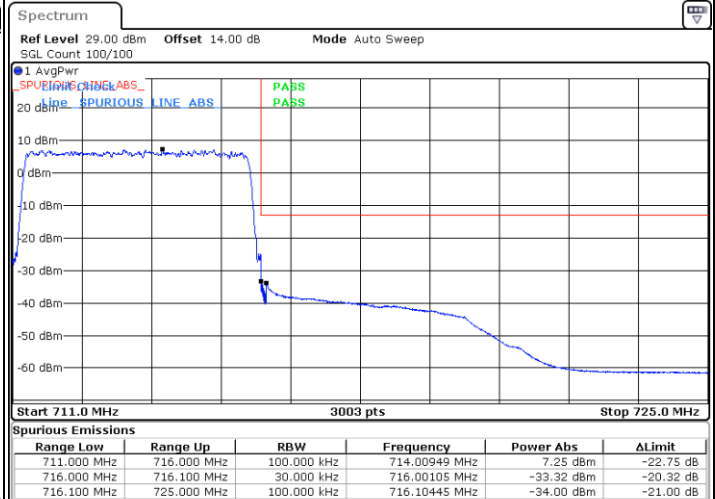
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



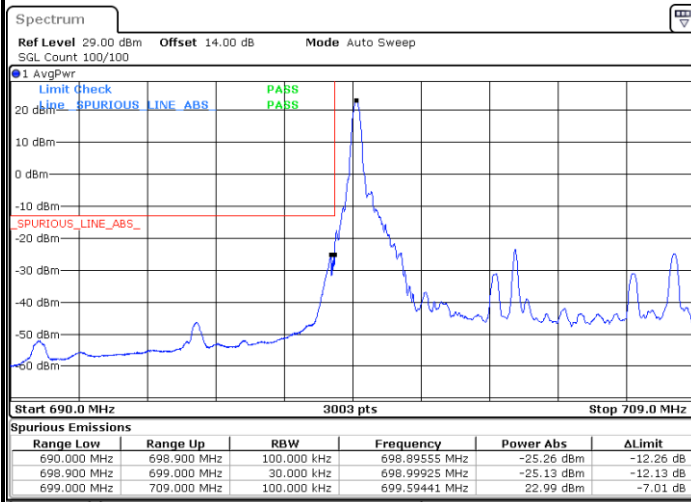
Highest Band Edge / Full RB



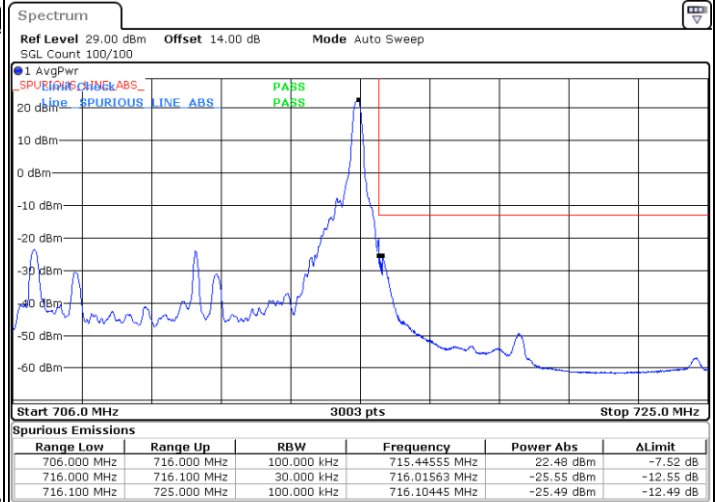


LTE Band 12 / 10MHz / QPSK

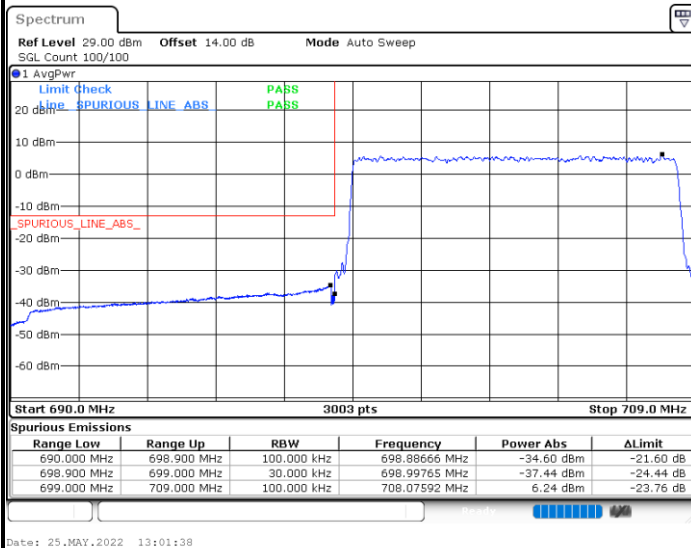
Lowest Band Edge / 1 RB



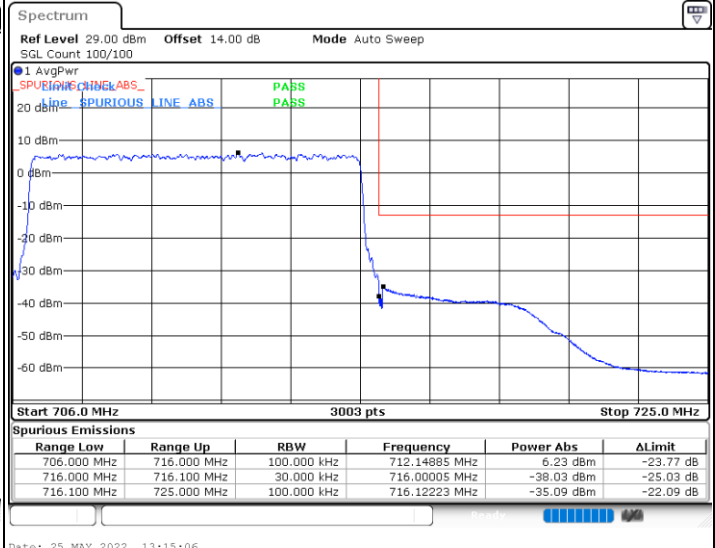
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



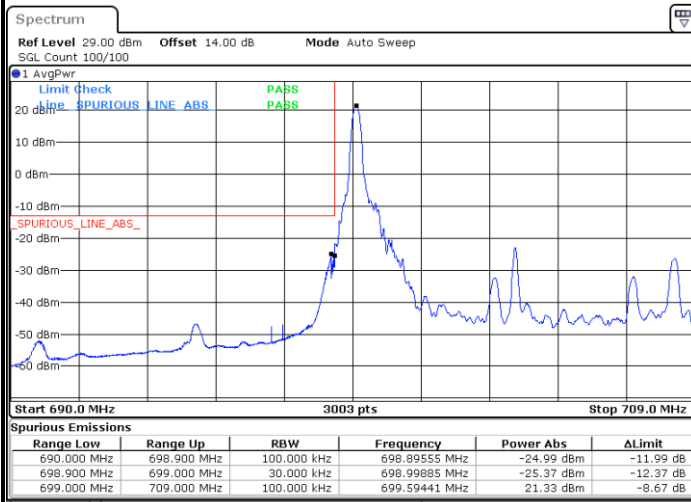
Highest Band Edge / Full RB



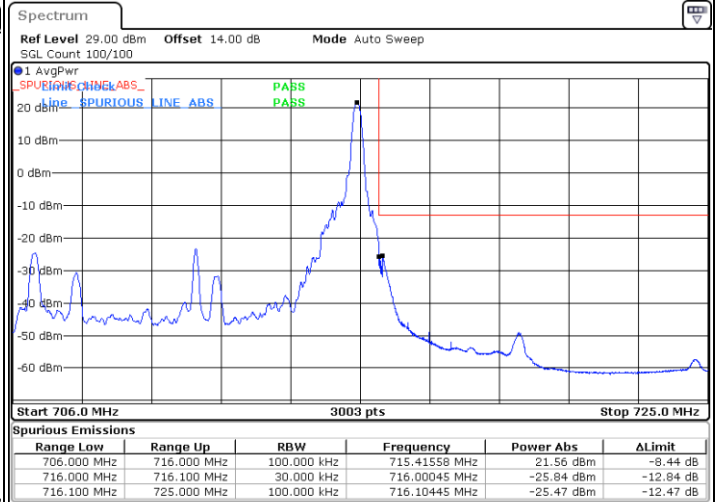


LTE Band 12 / 10MHz / 16QAM

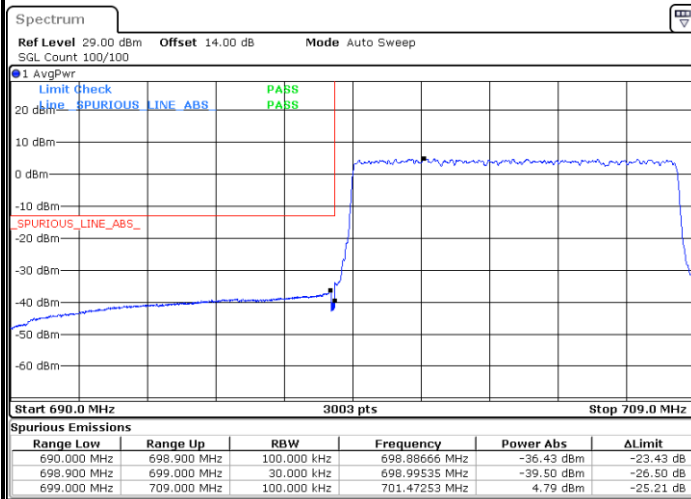
Lowest Band Edge / 1 RB



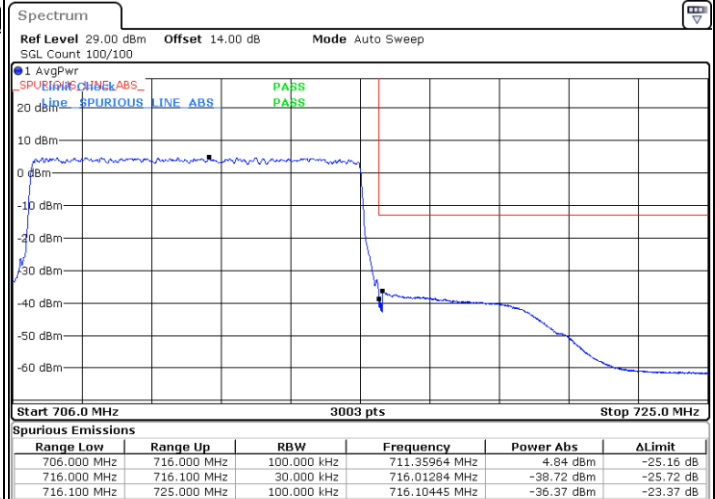
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



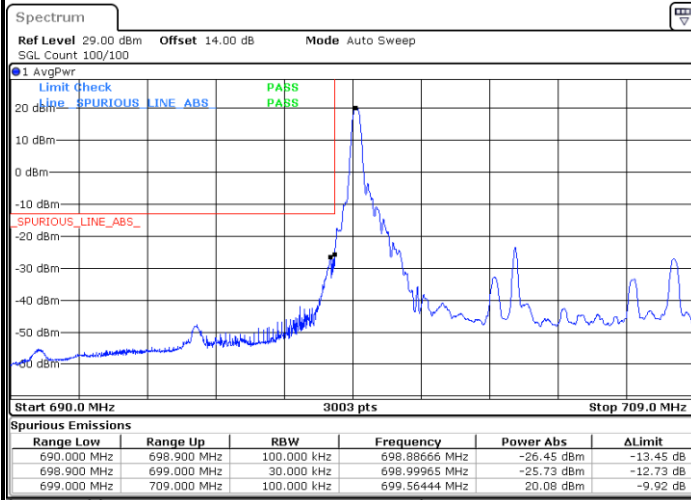
Highest Band Edge / Full RB



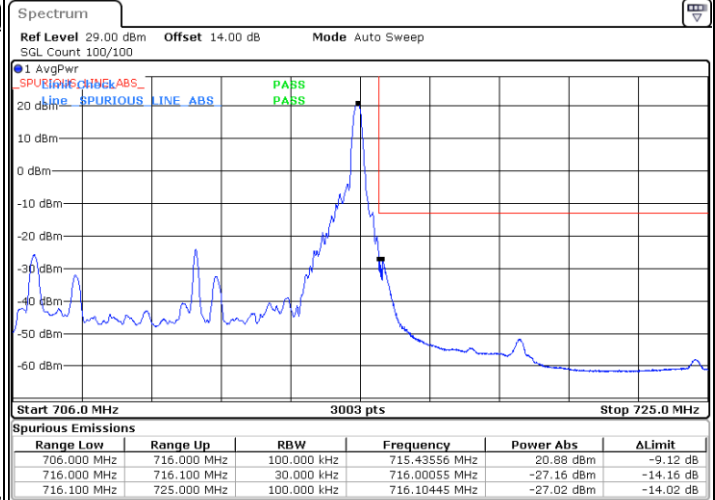


LTE Band 12 / 10MHz / 64QAM

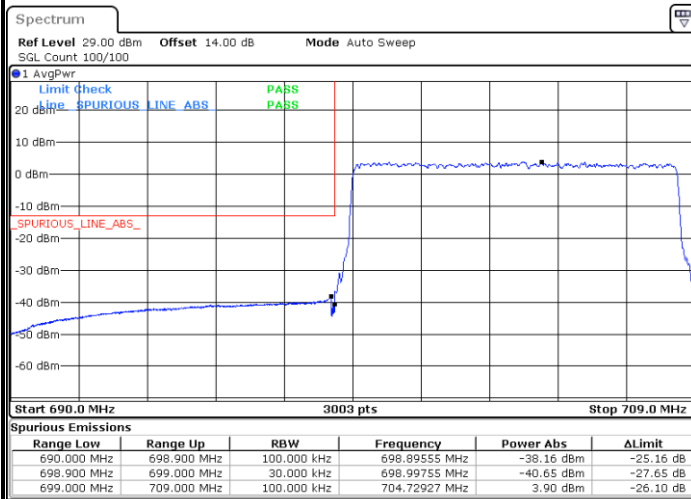
Lowest Band Edge / 1 RB



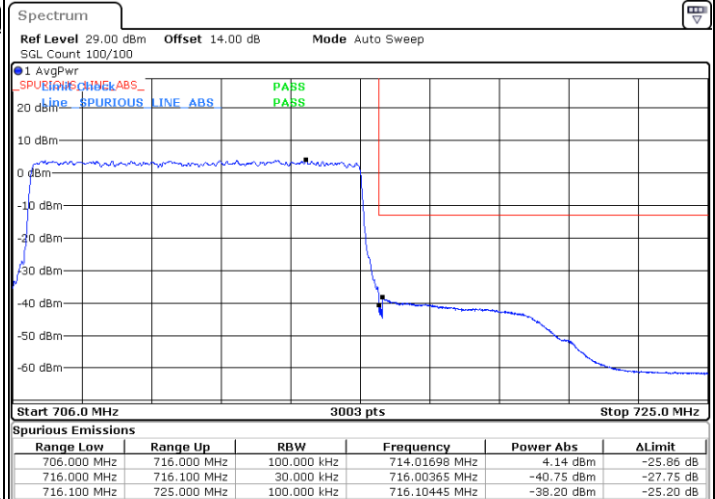
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

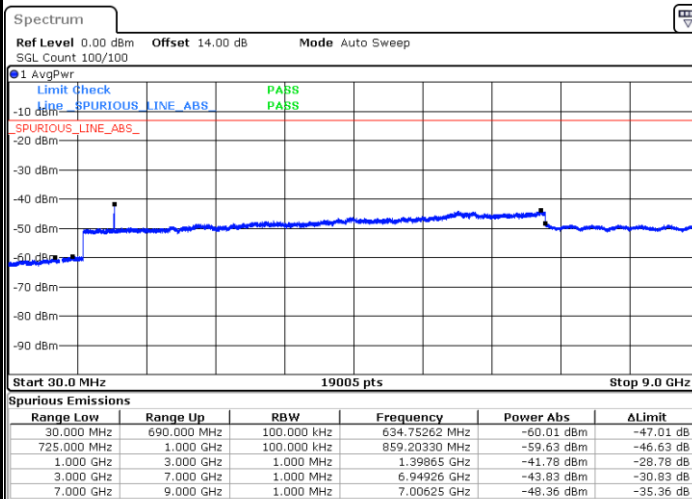




Conducted Spurious Emission

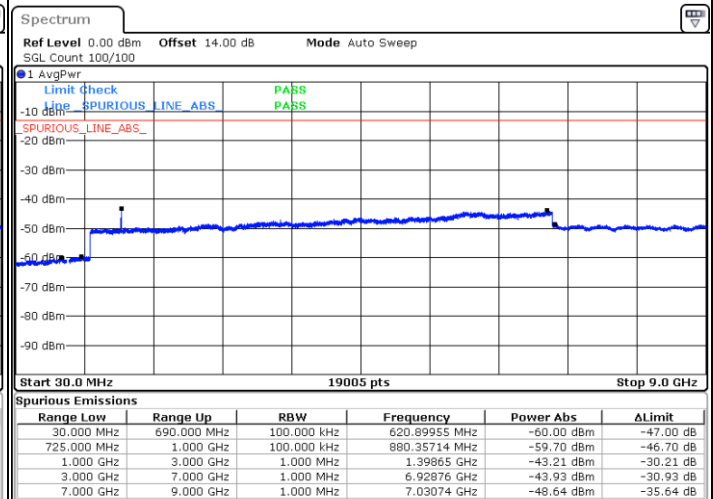
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



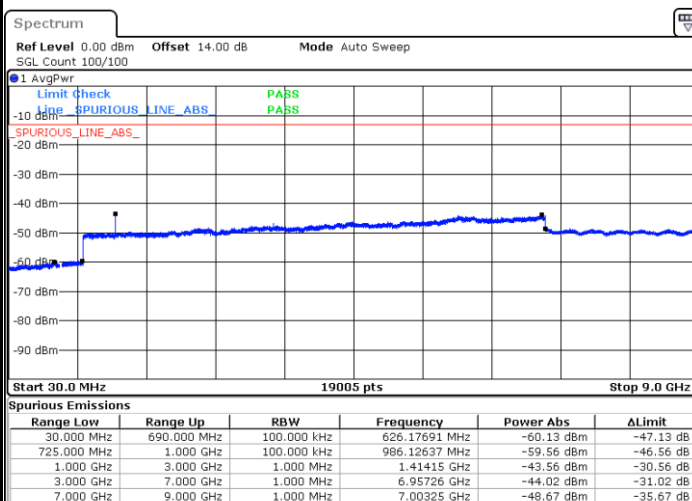
Date: 25.MAY.2022 13:40:59

Lowest Channel / 16QAM



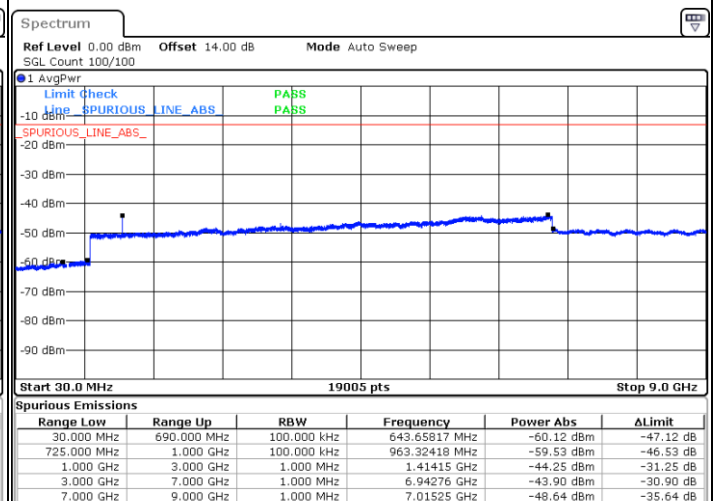
Date: 25.MAY.2022 13:42:22

Middle Channel / QPSK



Date: 25.MAY.2022 13:46:30

Middle Channel / 16QAM

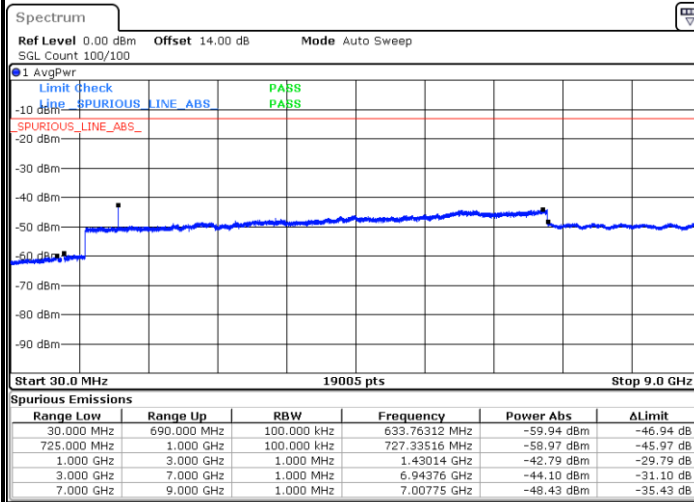


Date: 25.MAY.2022 13:45:08



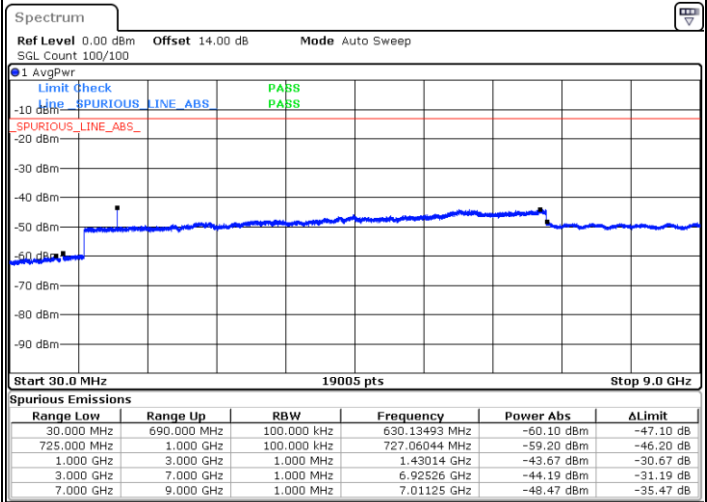
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 25.MAY.2022 13:54:37

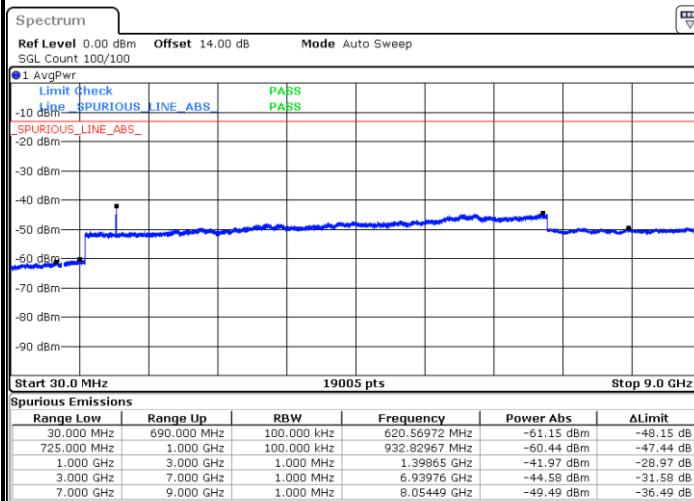
Highest Channel / 16QAM



Date: 25.MAY.2022 13:56:00

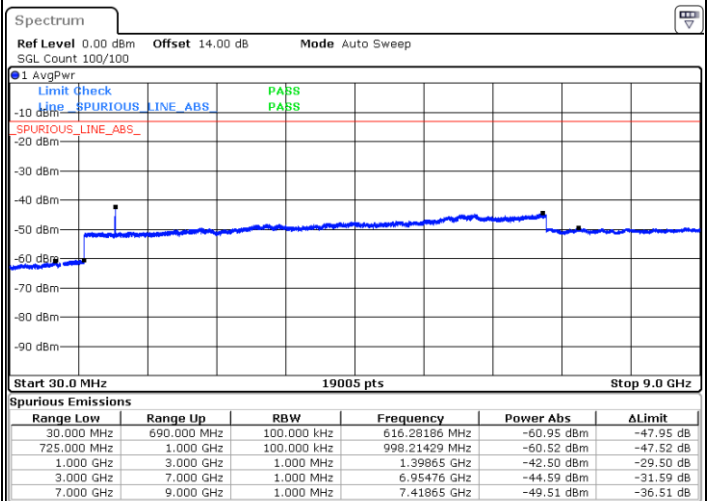
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 25.MAY.2022 10:24:49

Lowest Channel / 16QAM

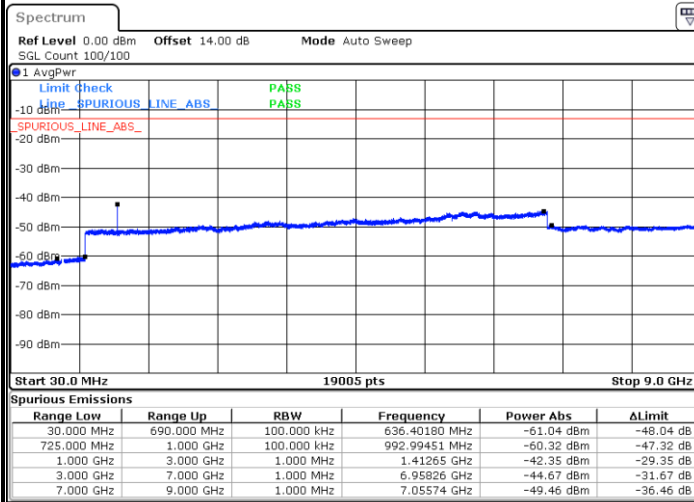


Date: 25.MAY.2022 10:26:11



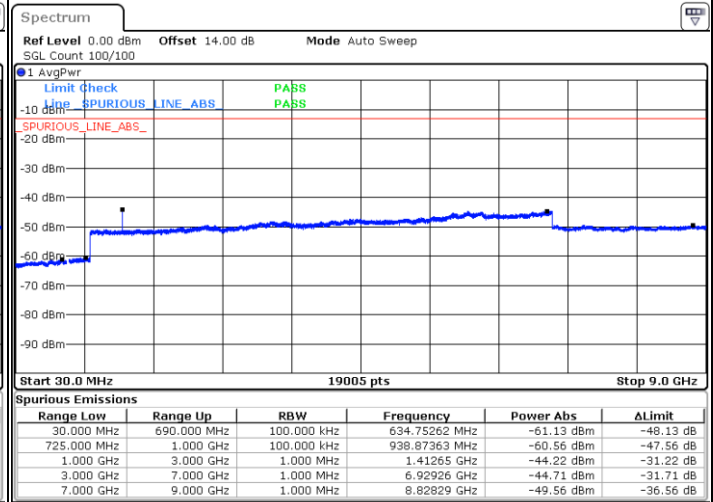
LTE Band 12 / 3MHz

Middle Channel / QPSK



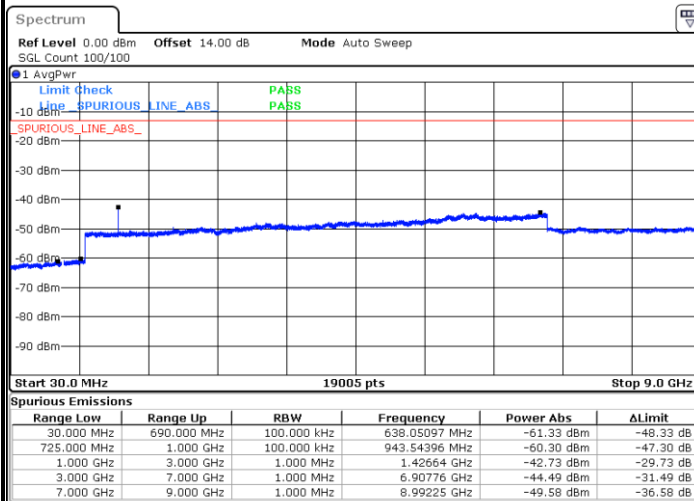
Date: 25.MAY.2022 10:30:19

Middle Channel / 16QAM



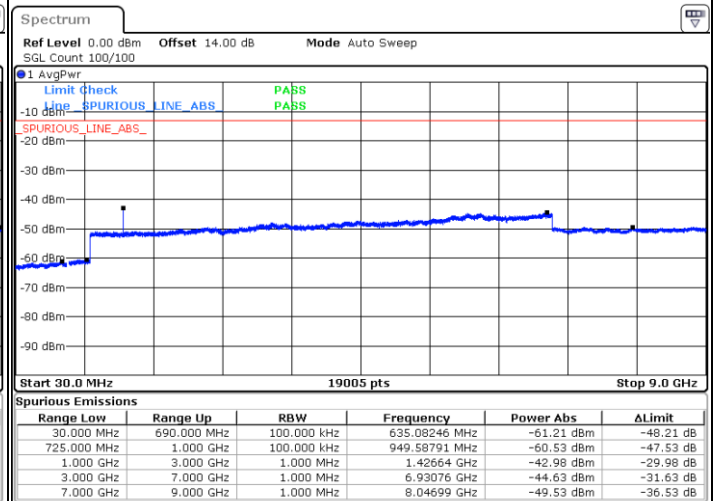
Date: 25.MAY.2022 10:28:57

Highest Channel / QPSK



Date: 25.MAY.2022 10:38:26

Highest Channel / 16QAM

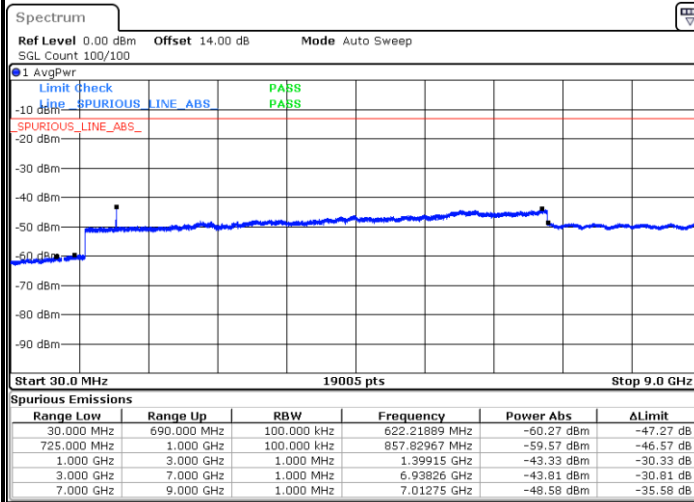


Date: 25.MAY.2022 10:39:49



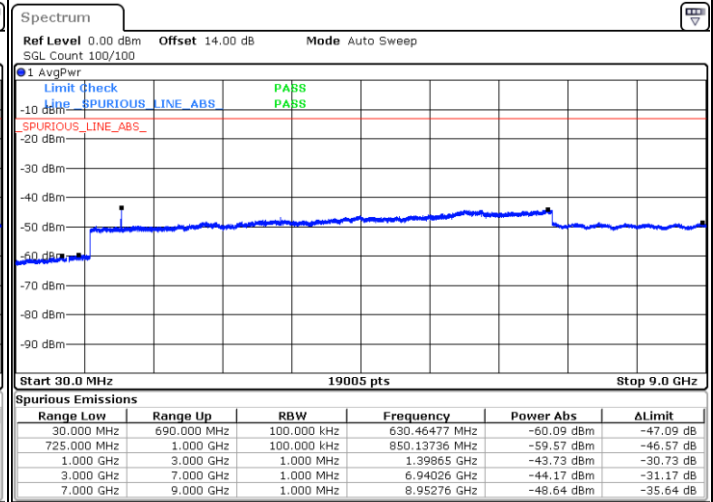
LTE Band 12 / 5MHz

Lowest Channel / QPSK



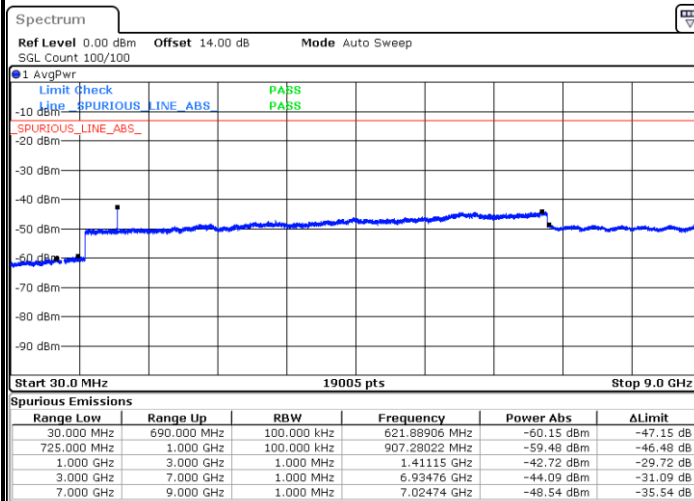
Date: 25.MAY.2022 12:43:59

Lowest Channel / 16QAM



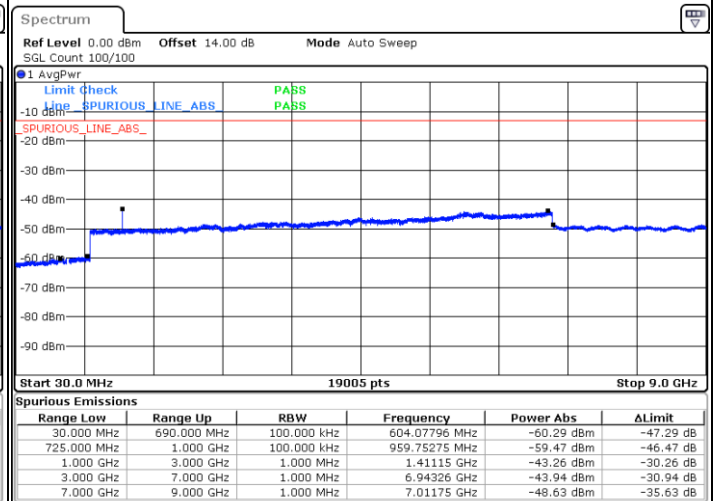
Date: 25.MAY.2022 12:45:22

Middle Channel / QPSK



Date: 25.MAY.2022 12:49:30

Middle Channel / 16QAM

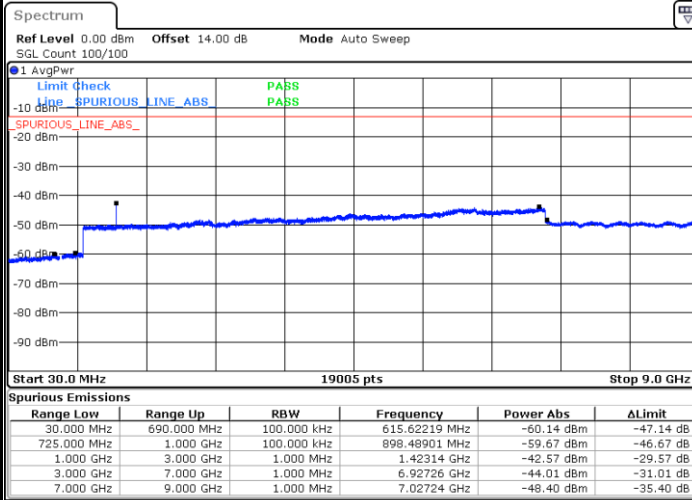


Date: 25.MAY.2022 12:48:08



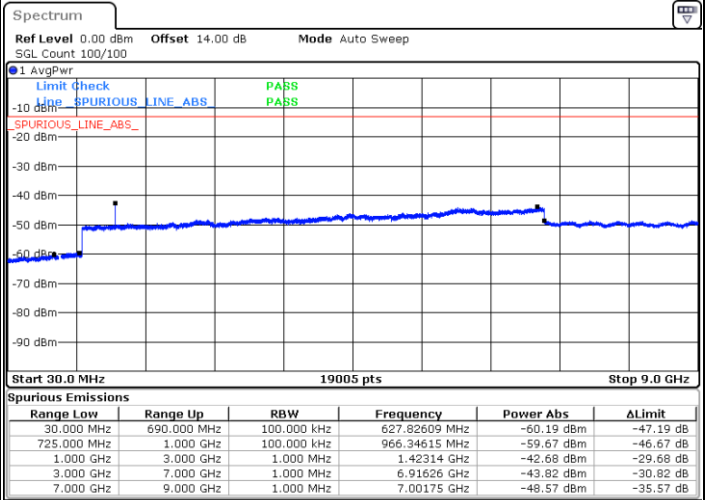
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 25.MAY.2022 12:58:59

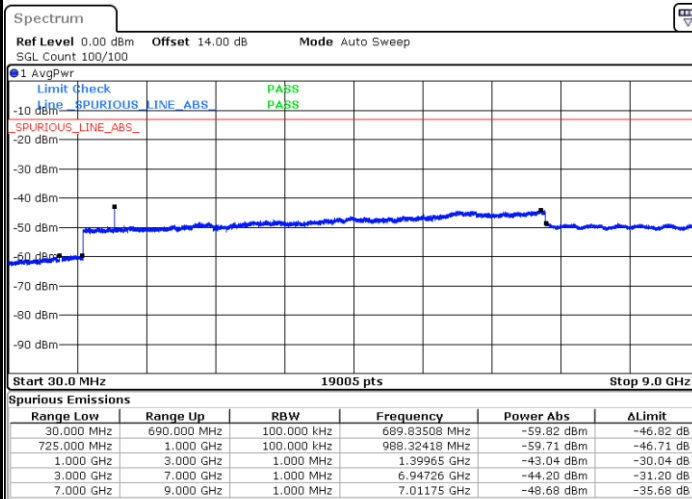
Highest Channel / 16QAM



Date: 25.MAY.2022 12:57:36

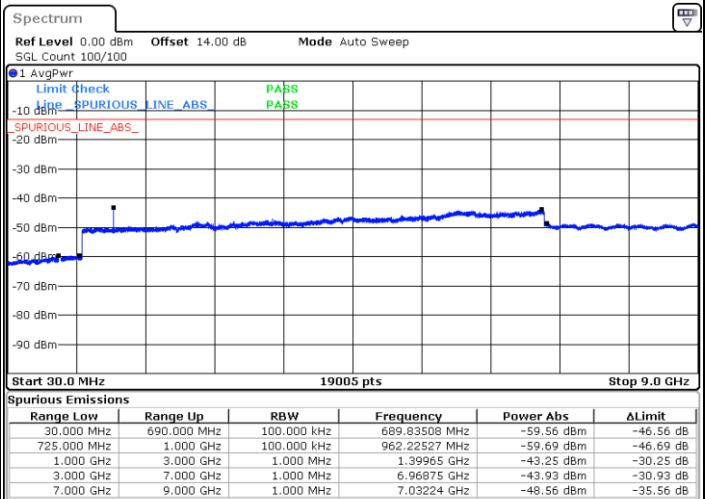
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 25.MAY.2022 13:06:58

Lowest Channel / 16QAM

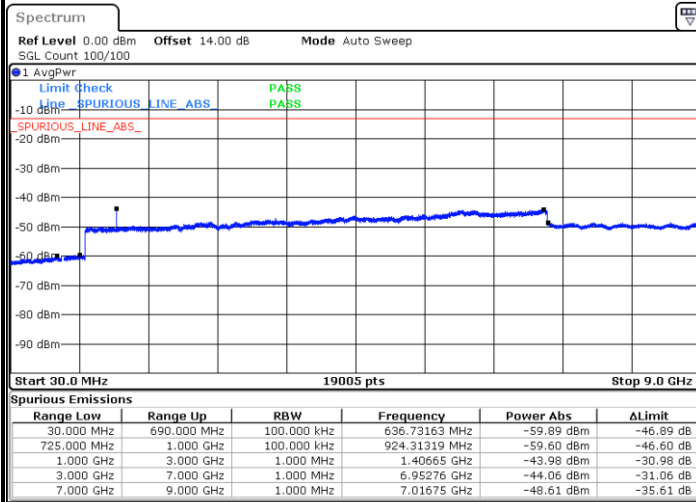


Date: 25.MAY.2022 13:08:20



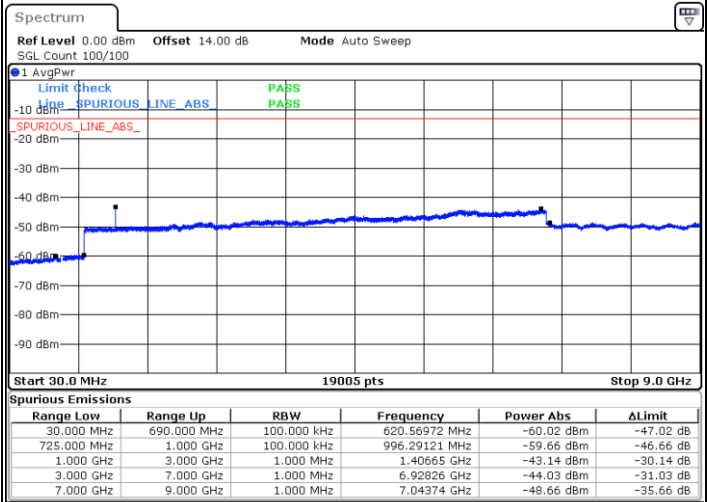
LTE Band 12 / 10MHz

Middle Channel / QPSK



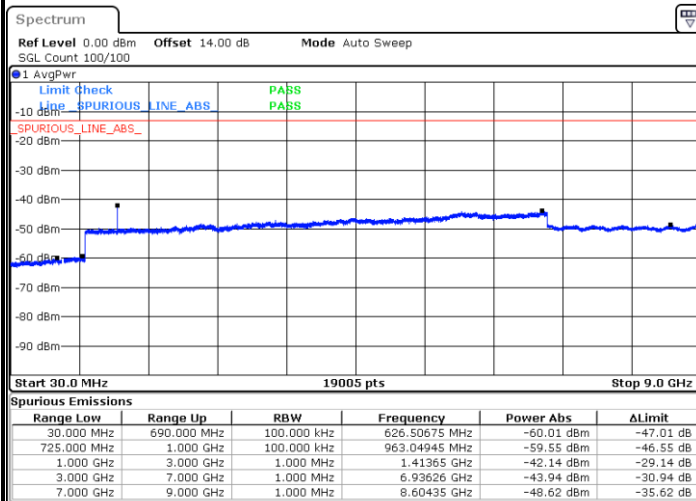
Date: 25.MAY.2022 13:12:28

Middle Channel / 16QAM



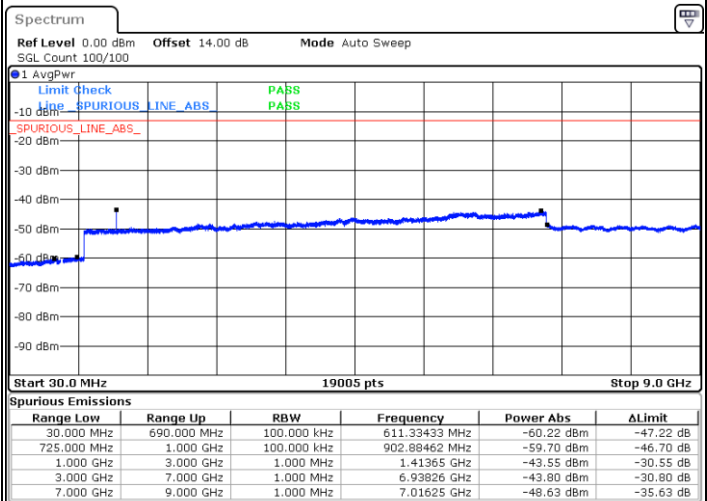
Date: 25.MAY.2022 13:11:06

Highest Channel / QPSK



Date: 25.MAY.2022 13:20:35

Highest Channel / 16QAM

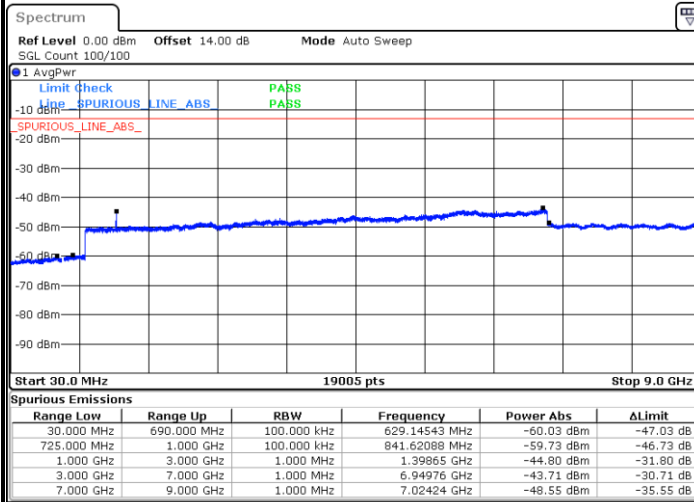


Date: 25.MAY.2022 13:21:57



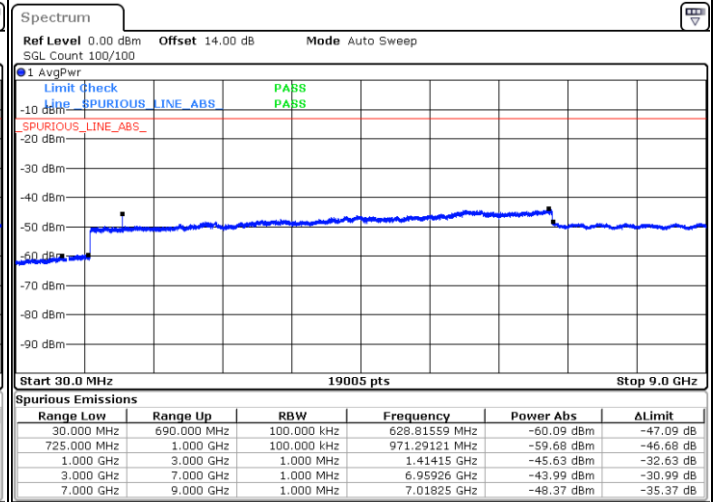
LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM



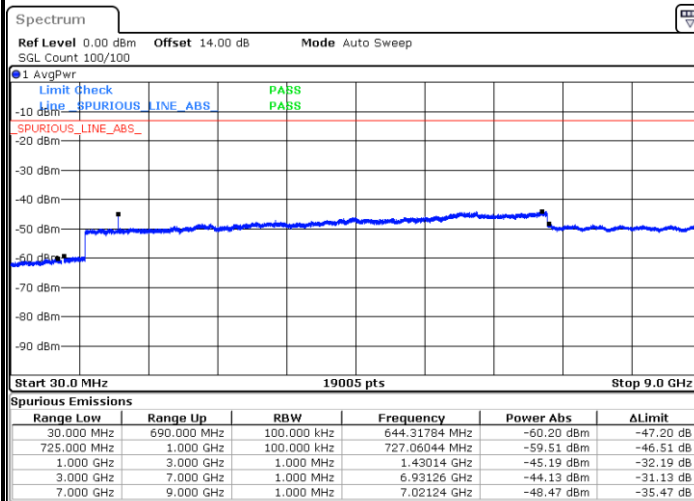
Date: 25.MAY.2022 14:00:27

Middle Channel / 64QAM



Date: 25.MAY.2022 14:02:27

Highest Channel / 64QAM

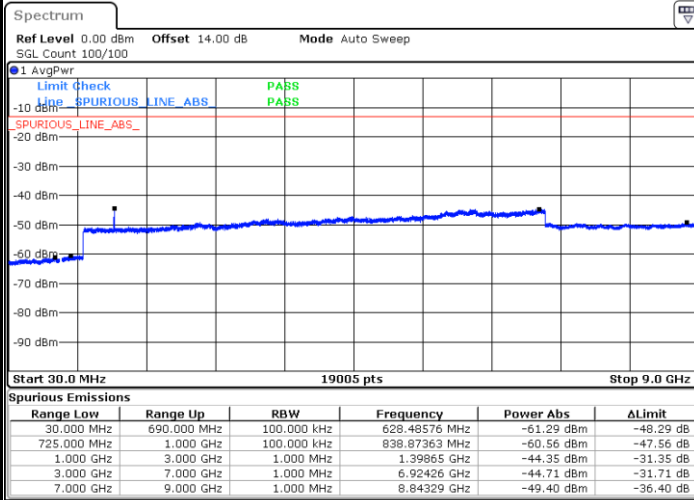


Date: 25.MAY.2022 14:07:03



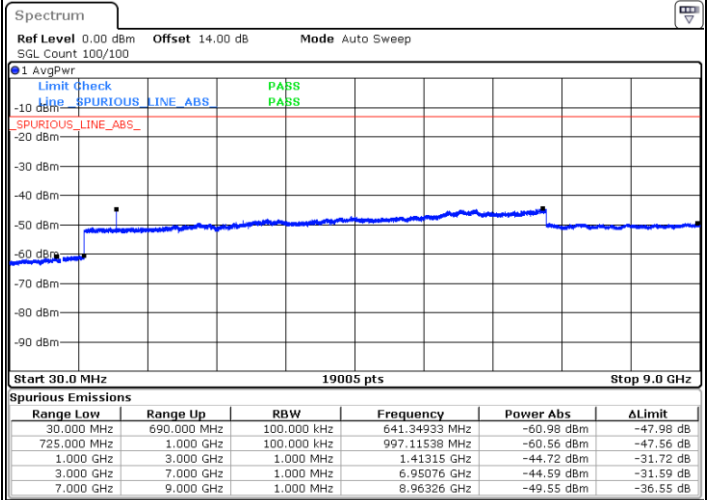
LTE Band 12 / 3MHz

Lowest Channel / 64QAM



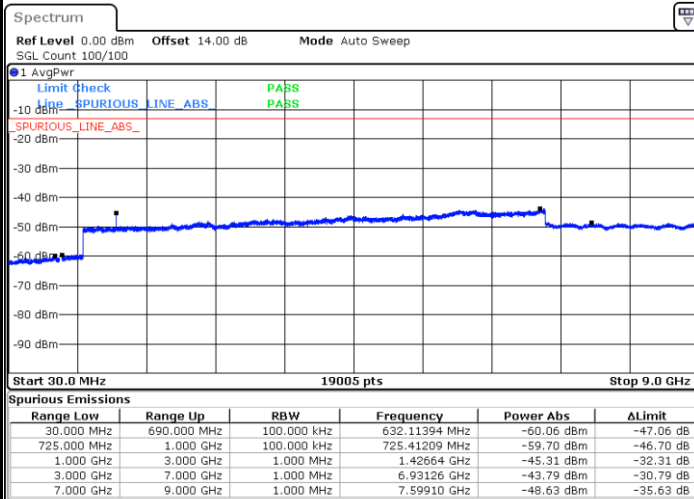
Date: 25.MAY.2022 10:44:15

Middle Channel / 64QAM



Date: 25.MAY.2022 10:46:15

Highest Channel / 64QAM

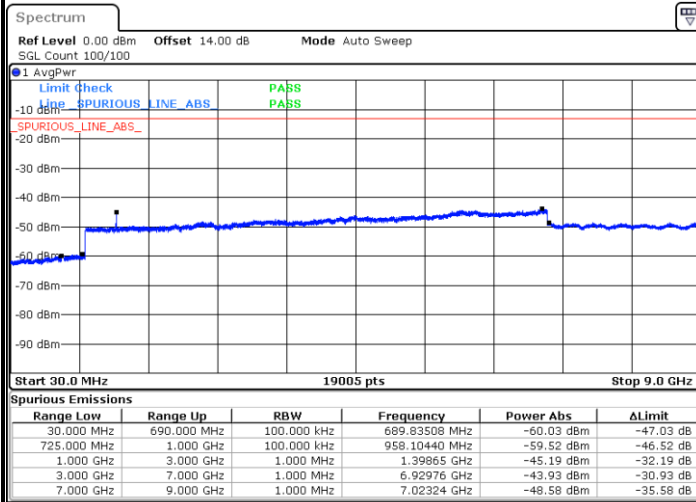


Date: 25.MAY.2022 12:24:58



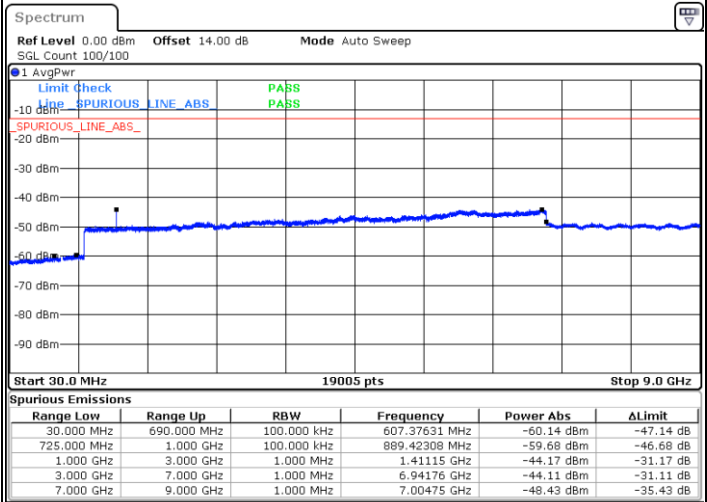
LTE Band 12 / 5MHz

Lowest Channel / 64QAM



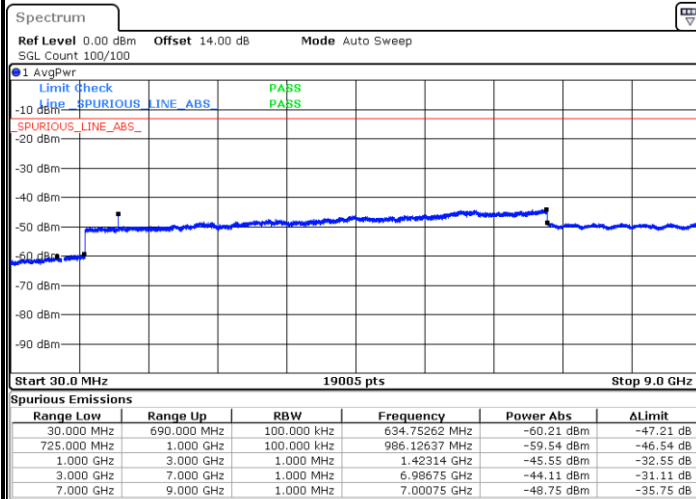
Date: 25.MAY.2022 12:29:26

Middle Channel / 64QAM



Date: 25.MAY.2022 12:31:26

Highest Channel / 64QAM

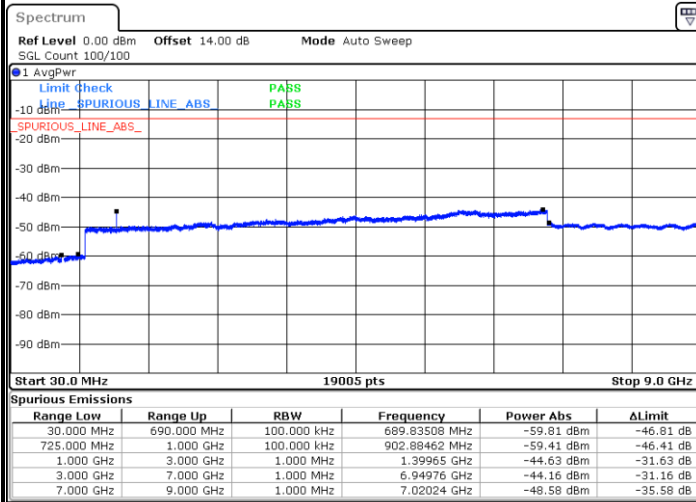


Date: 25.MAY.2022 12:36:01



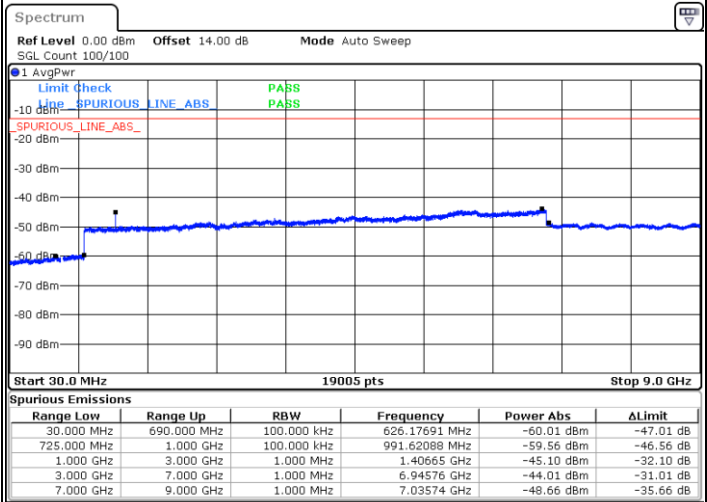
LTE Band 12 / 10MHz

Lowest Channel / 64QAM



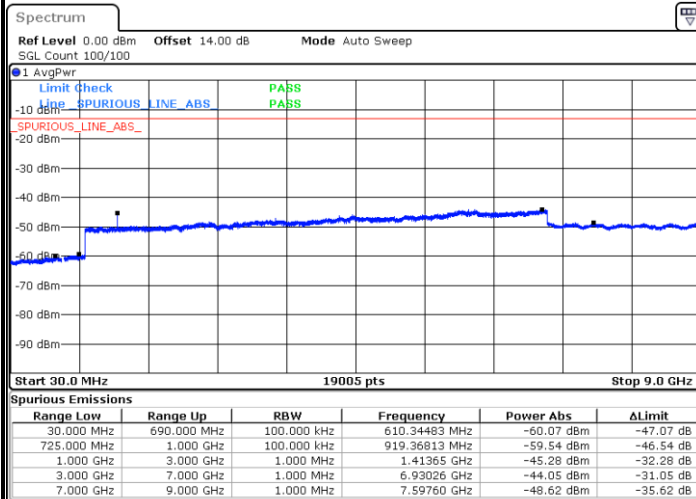
Date: 25.MAY.2022 13:26:24

Middle Channel / 64QAM



Date: 25.MAY.2022 13:28:24

Highest Channel / 64QAM



Date: 25.MAY.2022 13:32:59

**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	0.0089	PASS
40	Normal Voltage	0.0102	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0130	
-10	Normal Voltage	0.0099	
-20	Normal Voltage	0.0123	
-30	Normal Voltage	0.0113	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0114	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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	4.09	5.07	4.64	5.94	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.22	6.26	-	-	
Highest CH	-	-	-	-	