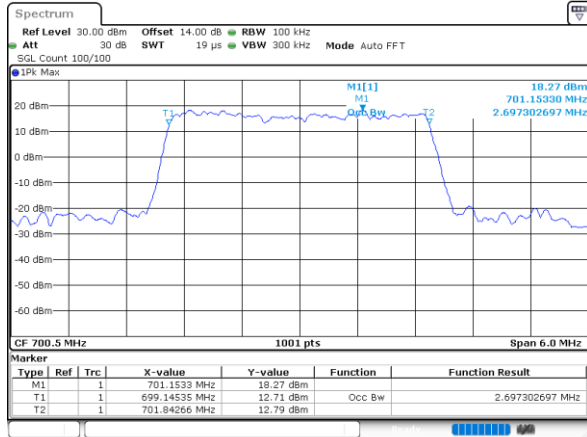


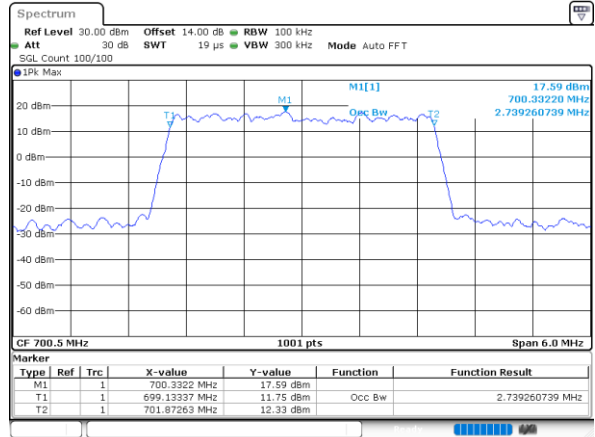


LTE Band 12

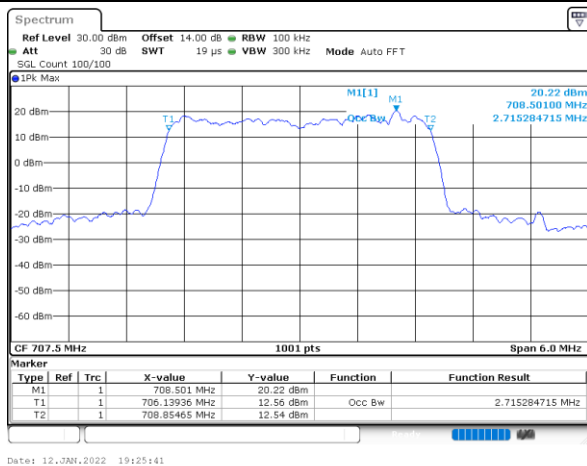
Lowest Channel / 3MHz / QPSK



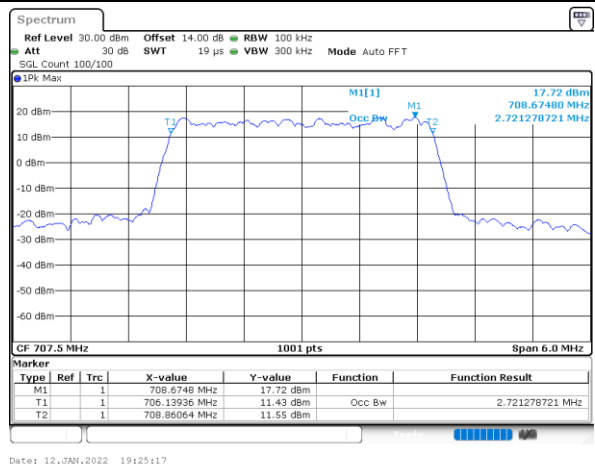
Lowest Channel / 3MHz / 16QAM



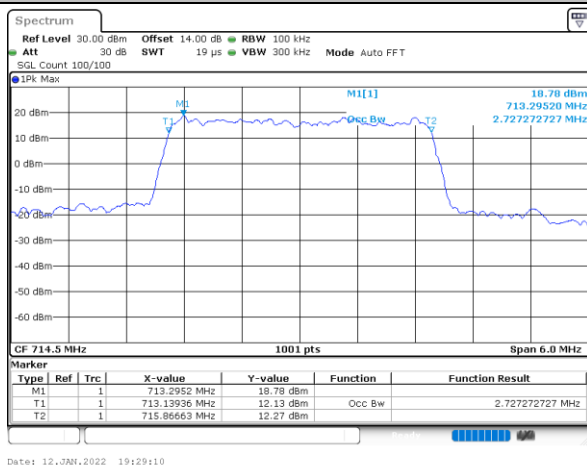
Middle Channel / 3MHz / QPSK



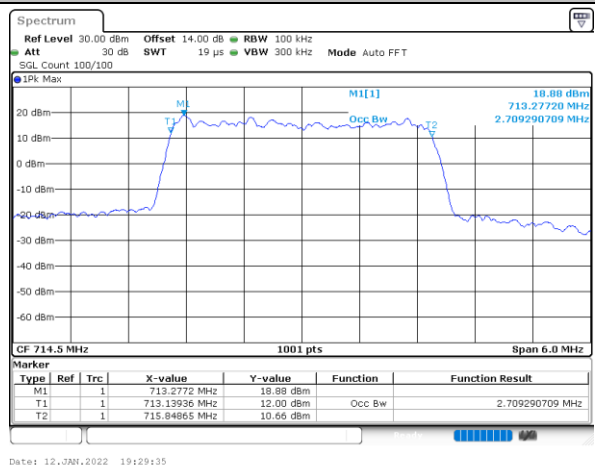
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



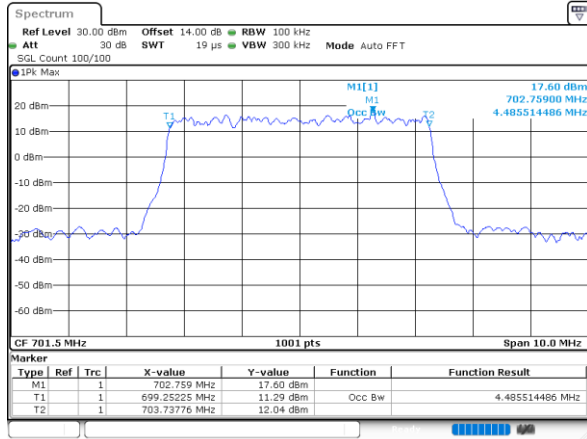
Highest Channel / 3MHz / 16QAM





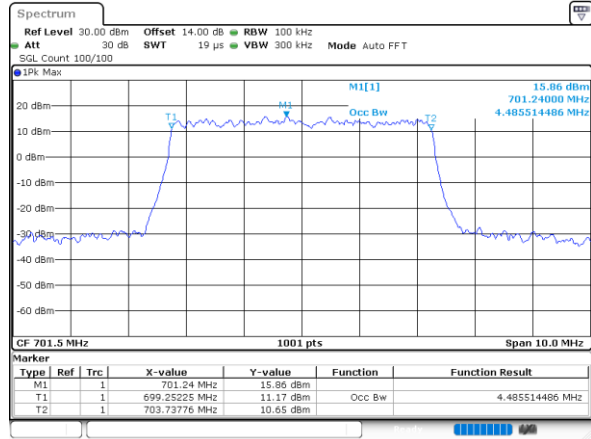
LTE Band 12

Lowest Channel / 5MHz / QPSK



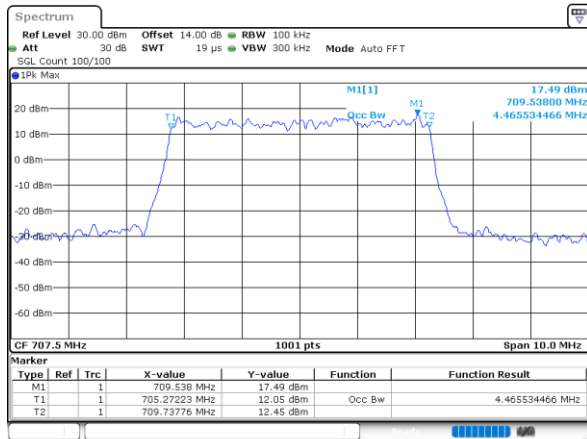
Date: 12.JAN.2022 20:01:54

Lowest Channel / 5MHz / 16QAM



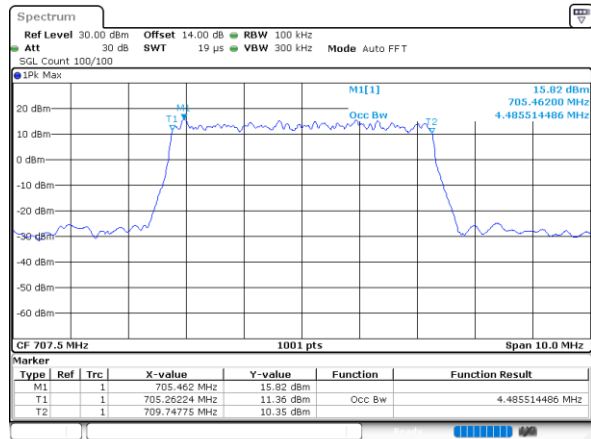
Date: 12.JAN.2022 20:02:20

Middle Channel / 5MHz / QPSK



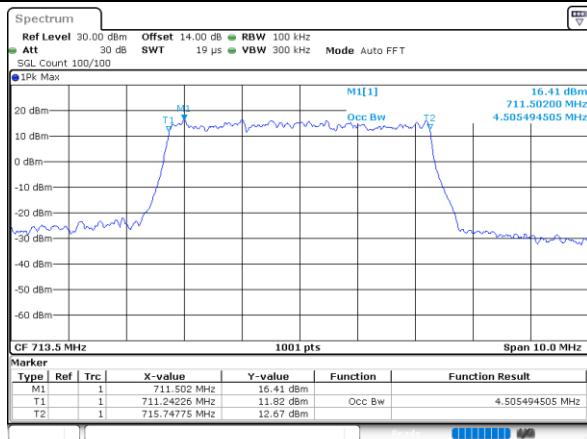
Date: 12.JAN.2022 20:12:12

Middle Channel / 5MHz / 16QAM



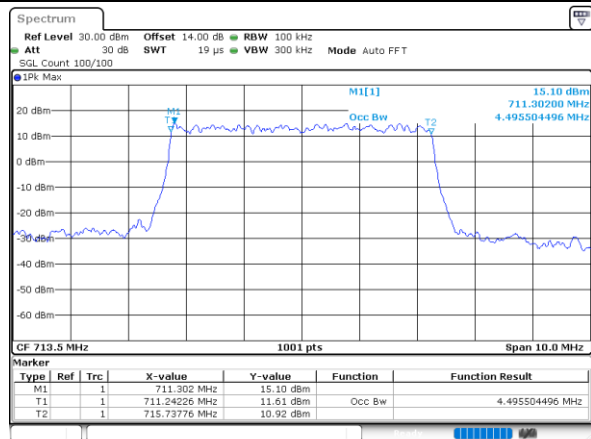
Date: 12.JAN.2022 20:11:47

Highest Channel / 5MHz / QPSK



Date: 12.JAN.2022 20:15:43

Highest Channel / 5MHz / 16QAM

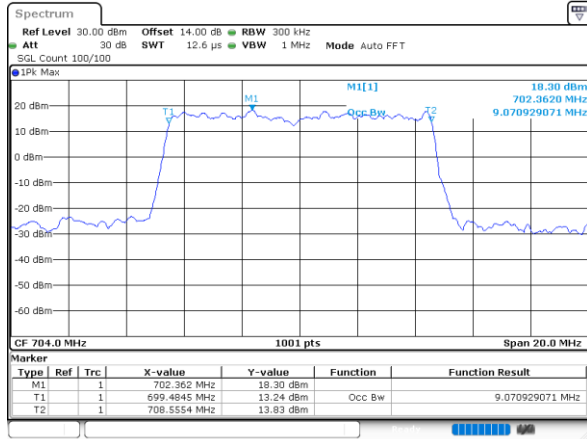


Date: 12.JAN.2022 20:16:08

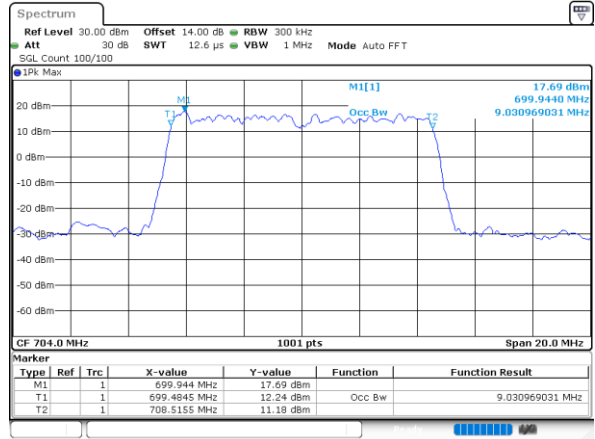


LTE Band 12

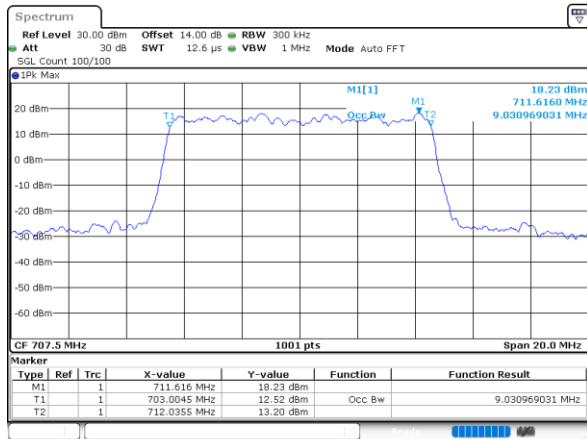
Lowest Channel / 10MHz / QPSK



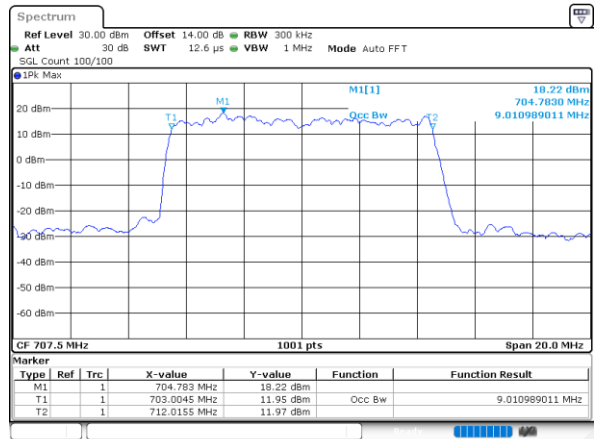
Lowest Channel / 10MHz / 16QAM



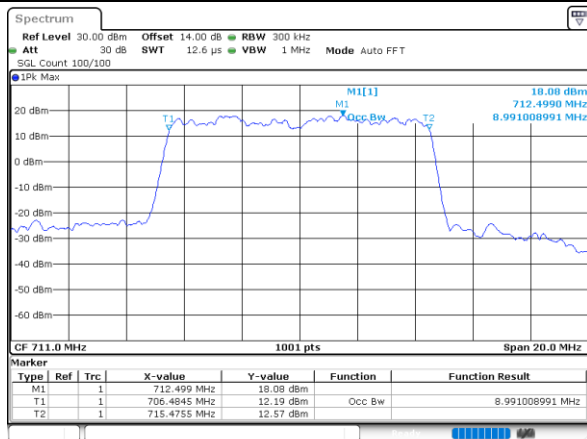
Middle Channel / 10MHz / QPSK



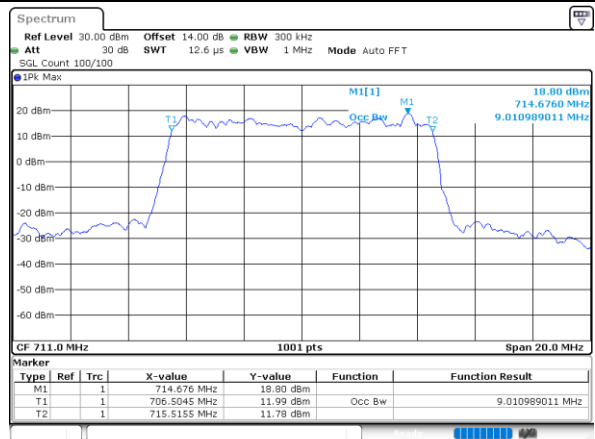
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



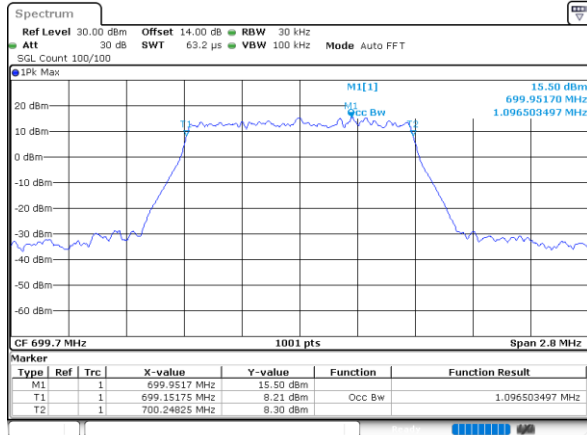
Highest Channel / 10MHz / 16QAM



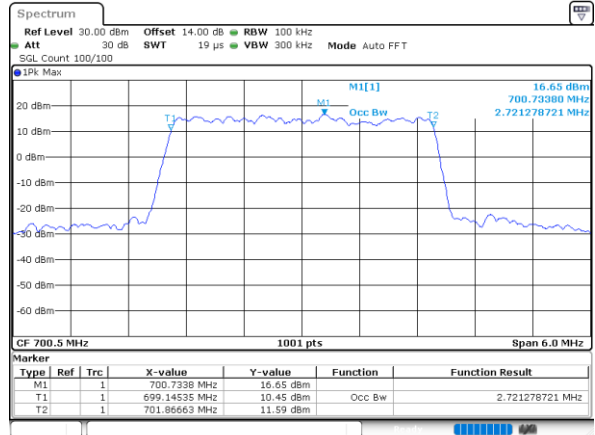


LTE Band 12

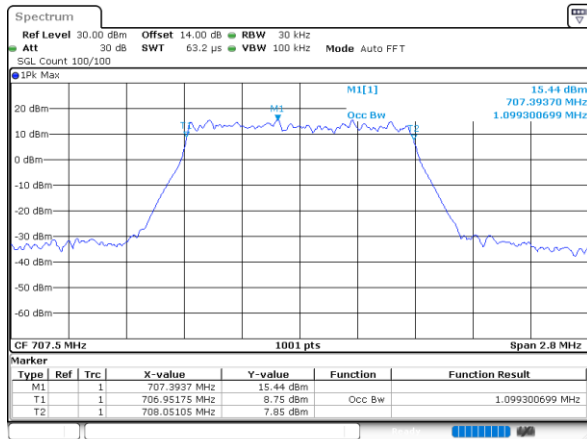
Lowest Channel / 1.4MHz / 64QAM



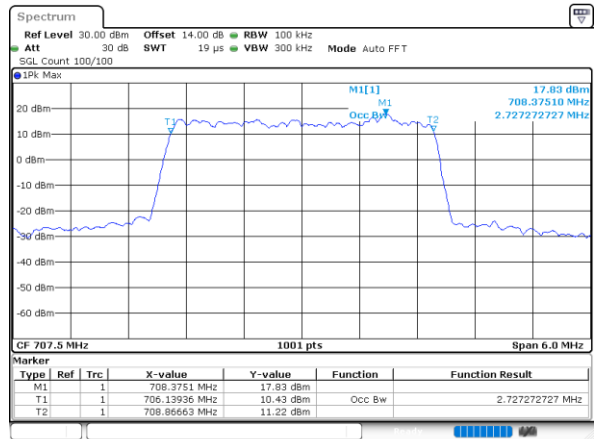
Lowest Channel / 3MHz / 64QAM



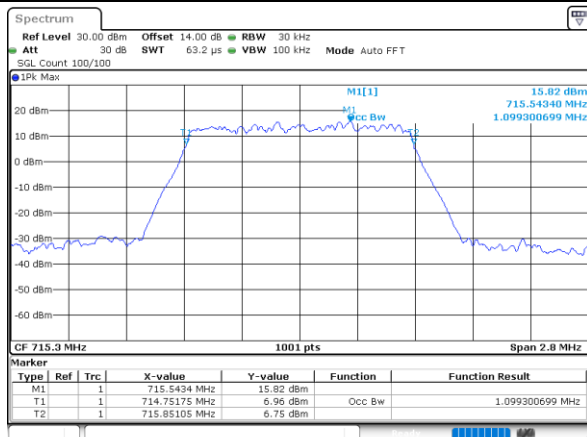
Middle Channel / 1.4MHz / 64QAM



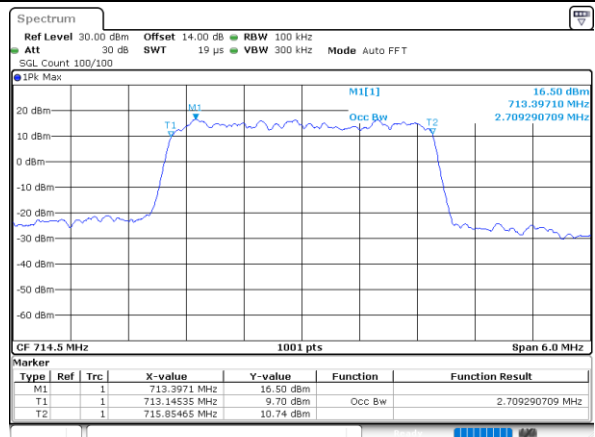
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



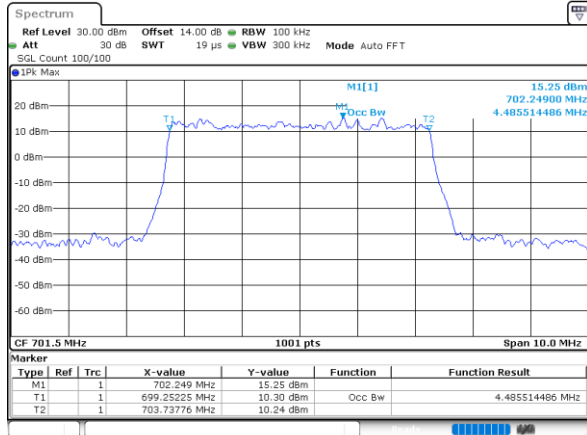
Highest Channel / 3MHz / 64QAM



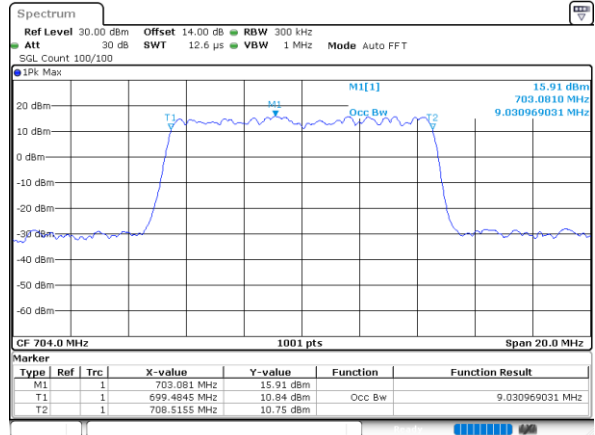


LTE Band 12

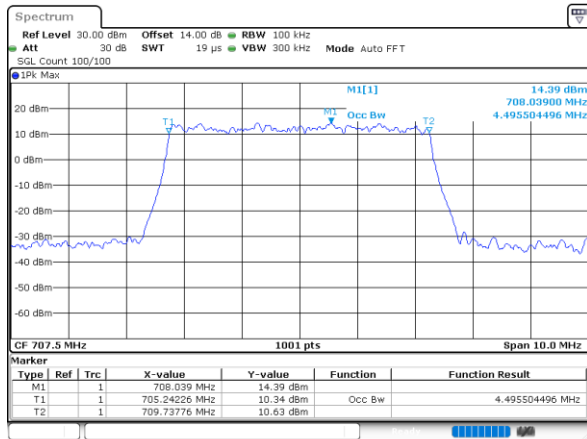
Lowest Channel / 5MHz / 64QAM



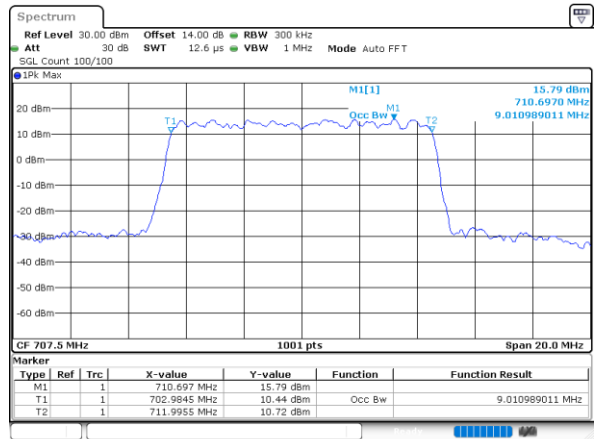
Lowest Channel / 10MHz / 64QAM



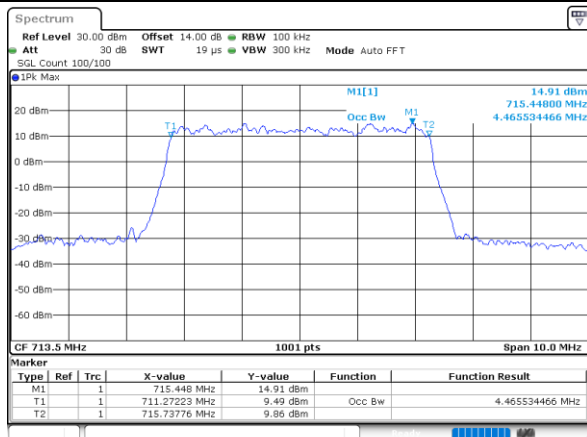
Middle Channel / 5MHz / 64QAM



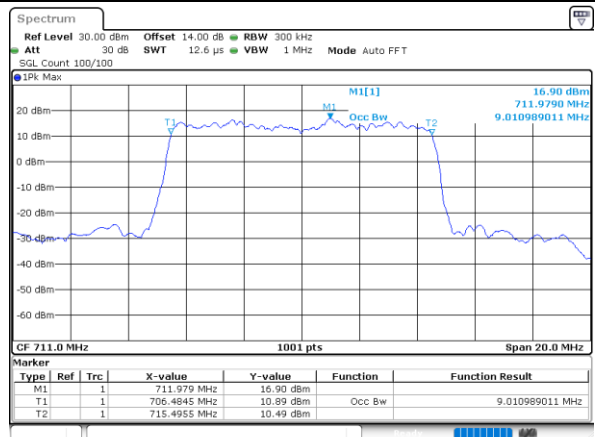
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

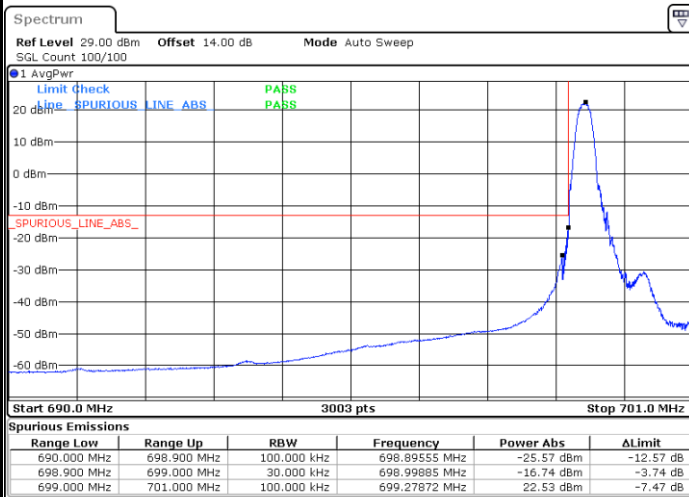




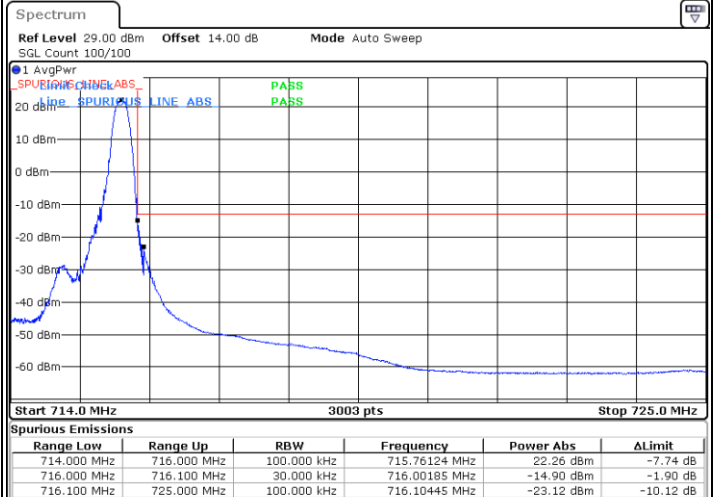
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

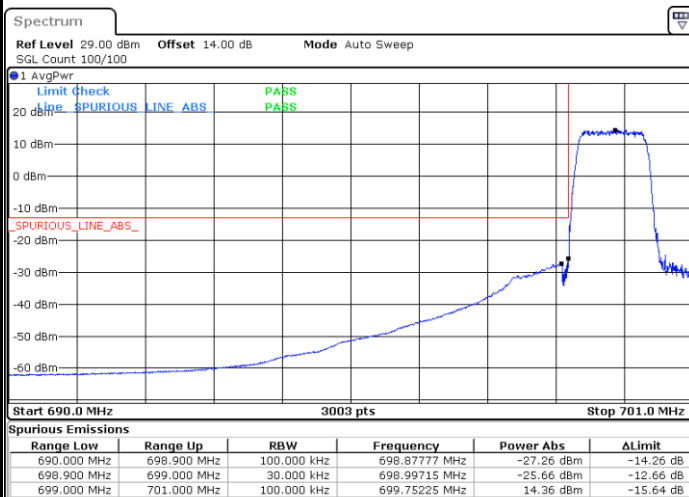
Lowest Band Edge / 1 RB



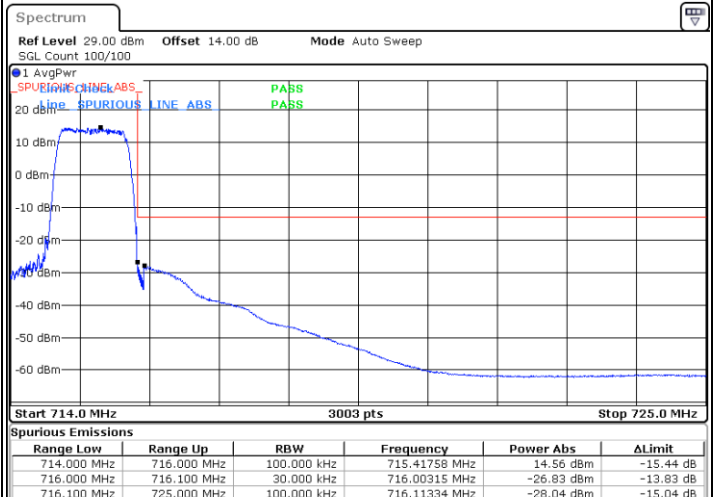
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



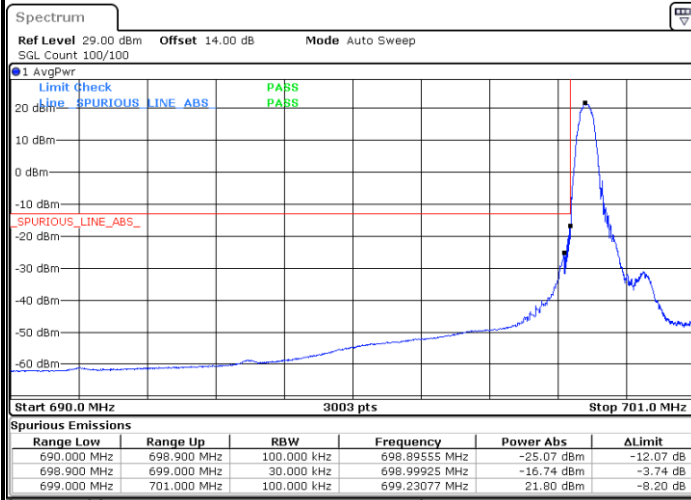
Highest Band Edge / Full RB



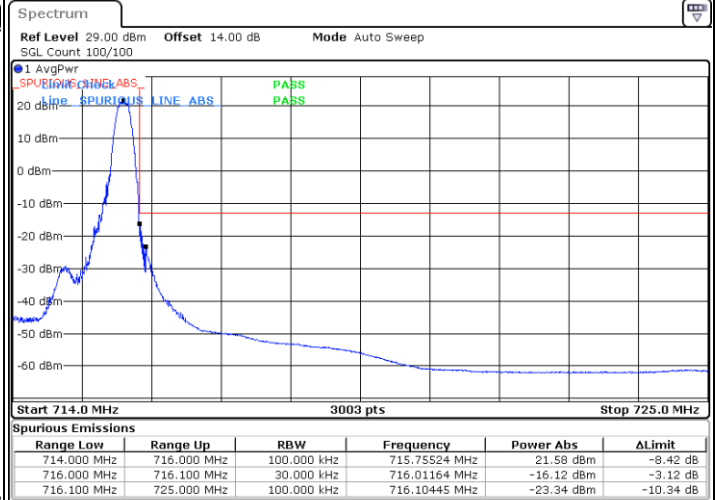


LTE Band 12 / 1.4MHz / 16QAM

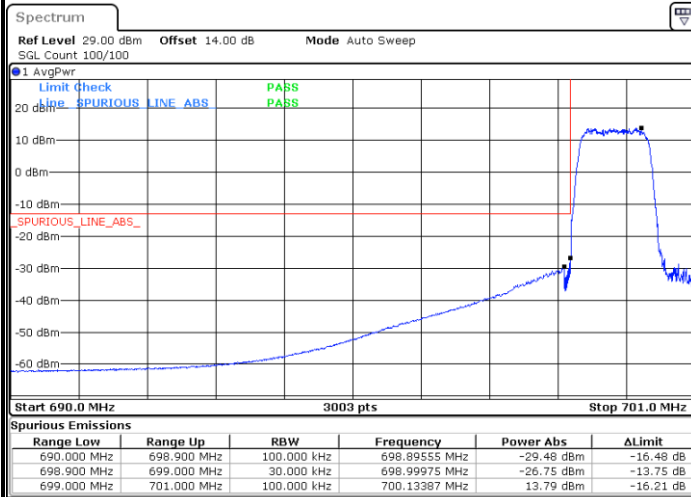
Lowest Band Edge / 1 RB



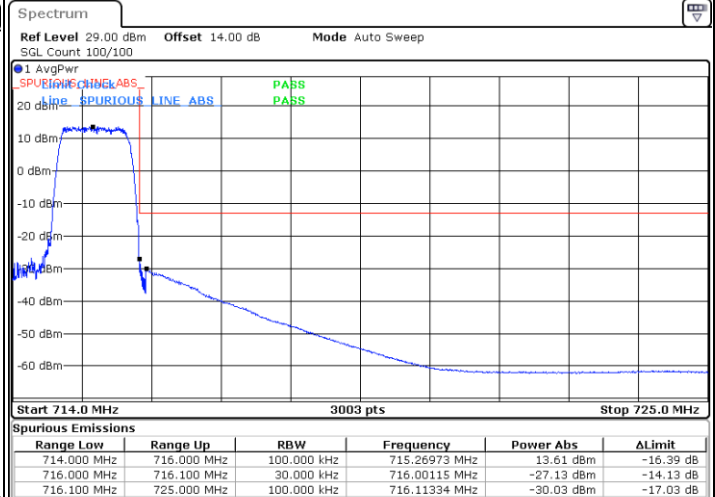
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



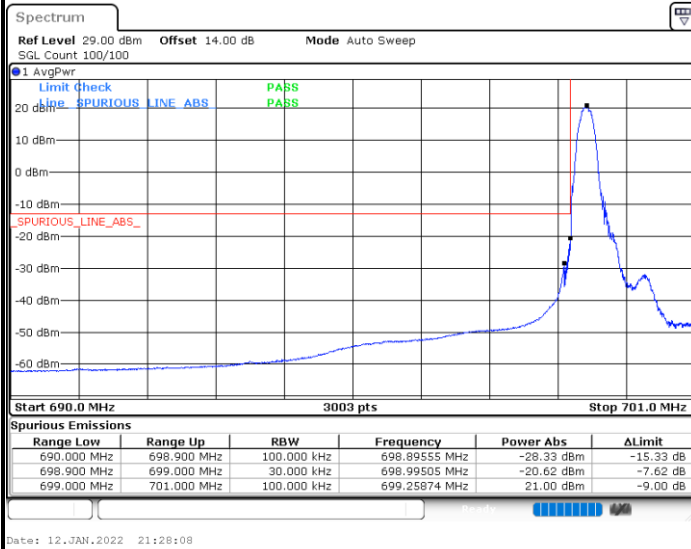
Highest Band Edge / Full RB



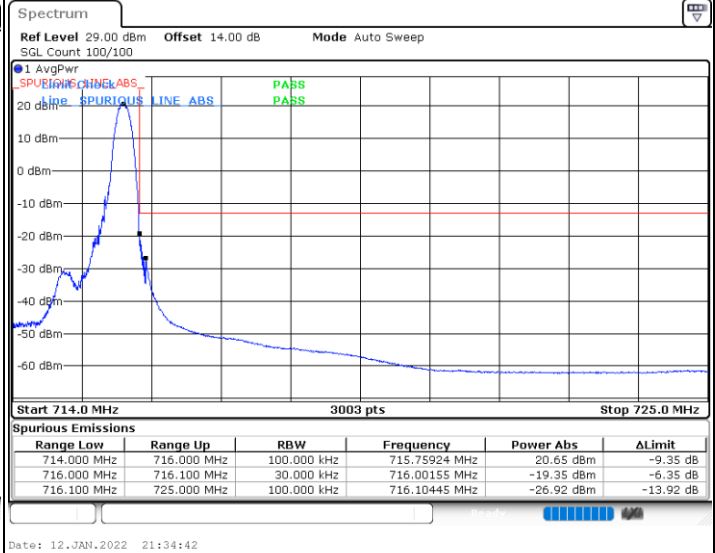


LTE Band 12 / 1.4MHz / 64QAM

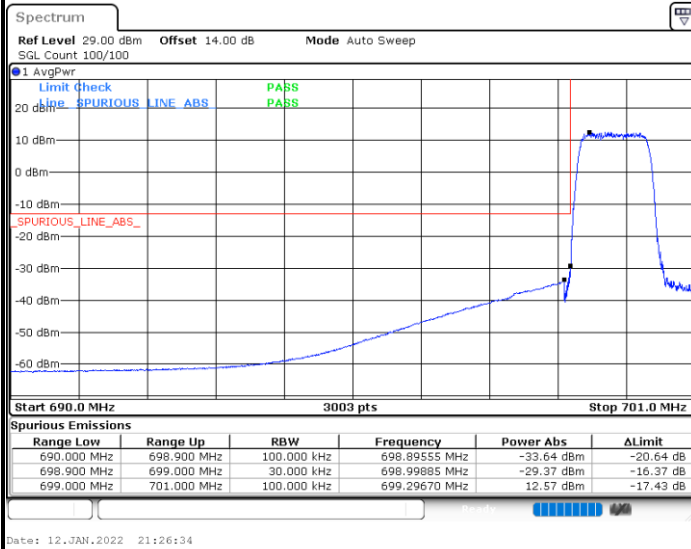
Lowest Band Edge / 1 RB



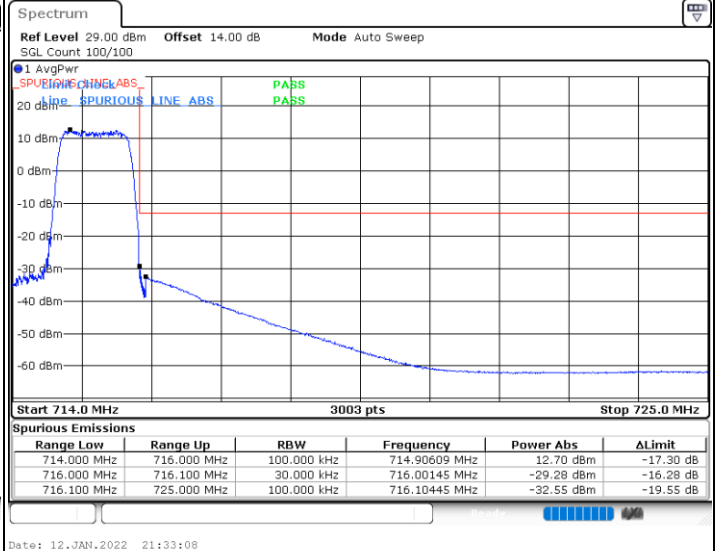
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



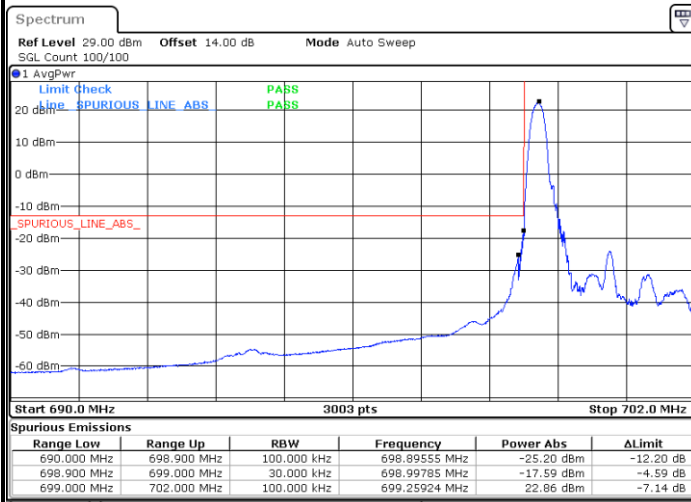
Highest Band Edge / Full RB



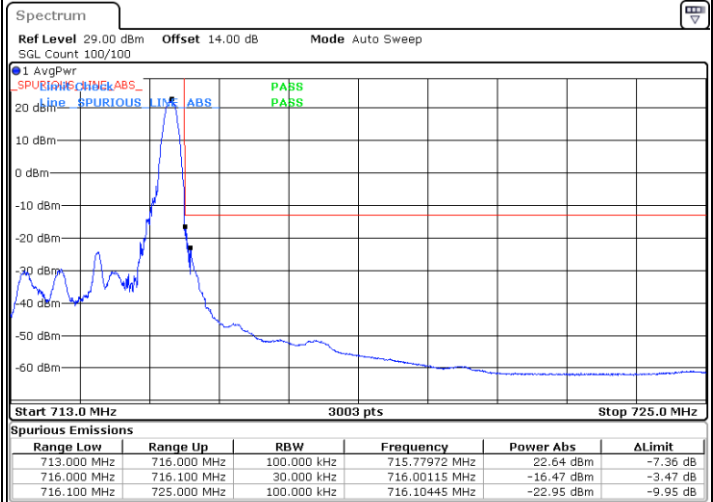


LTE Band 12 / 3MHz / QPSK

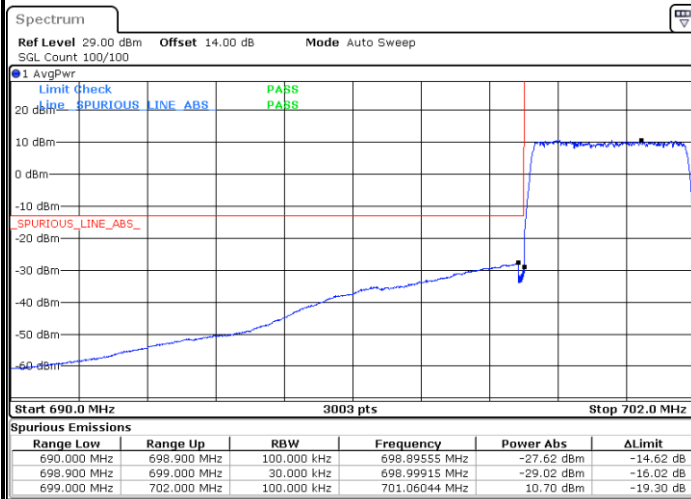
Lowest Band Edge / 1RB



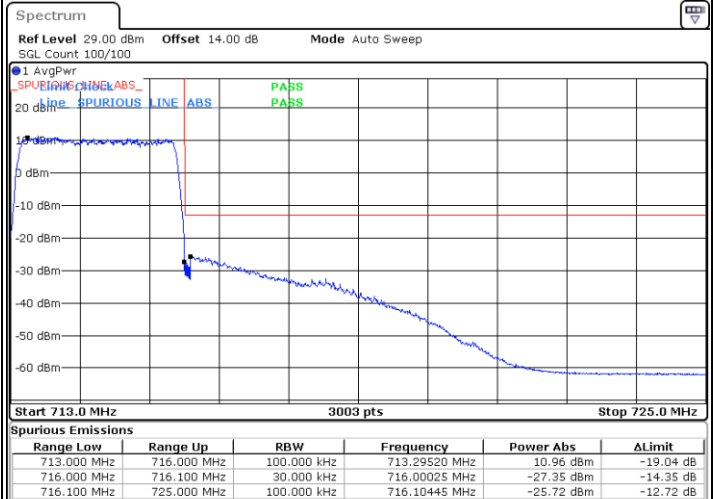
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



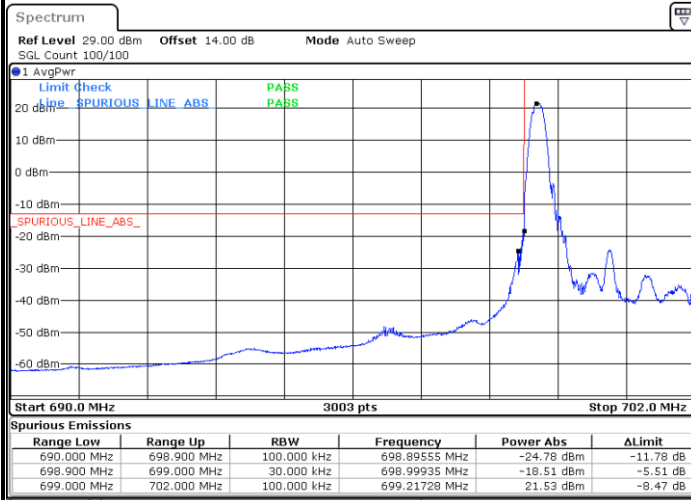
Highest Band Edge / Full RB



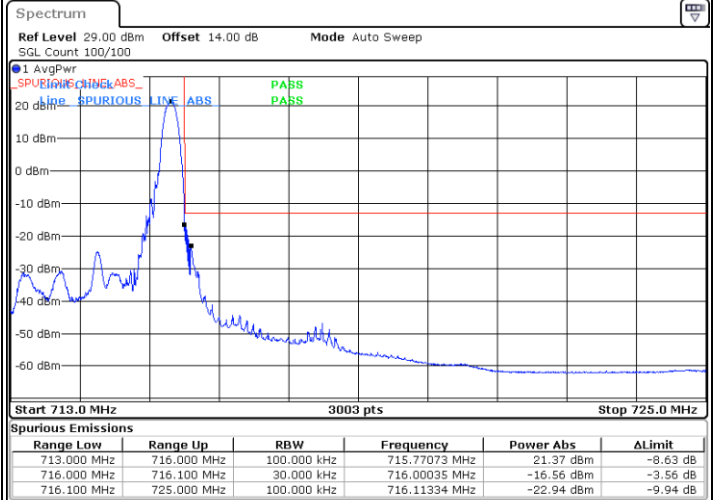


LTE Band 12 / 3MHz / 16QAM

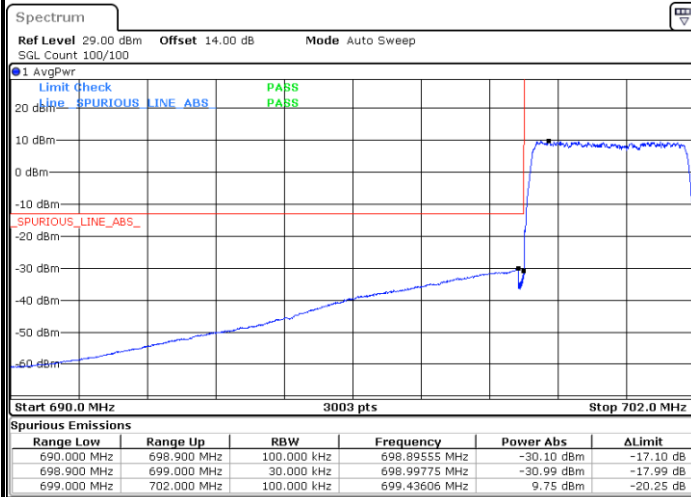
Lowest Band Edge / 1 RB



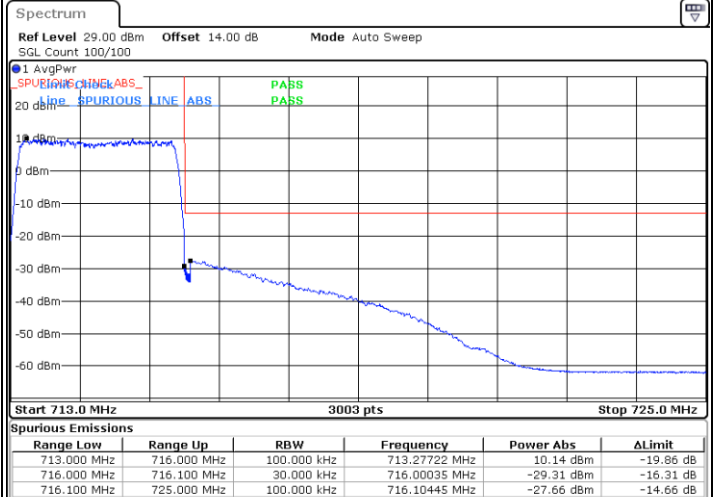
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



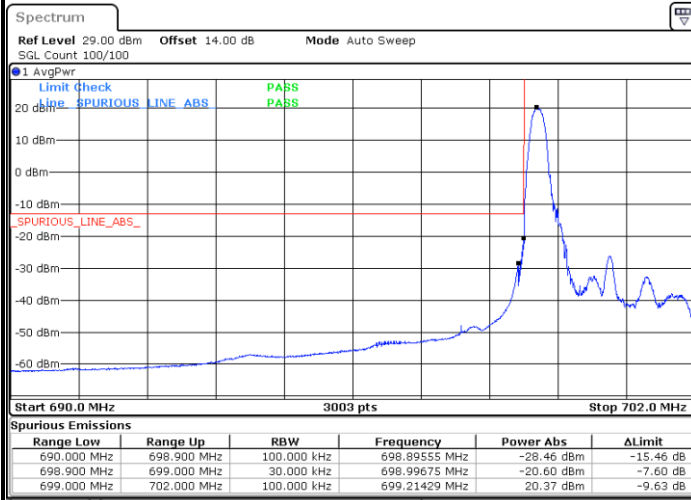
Highest Band Edge / Full RB



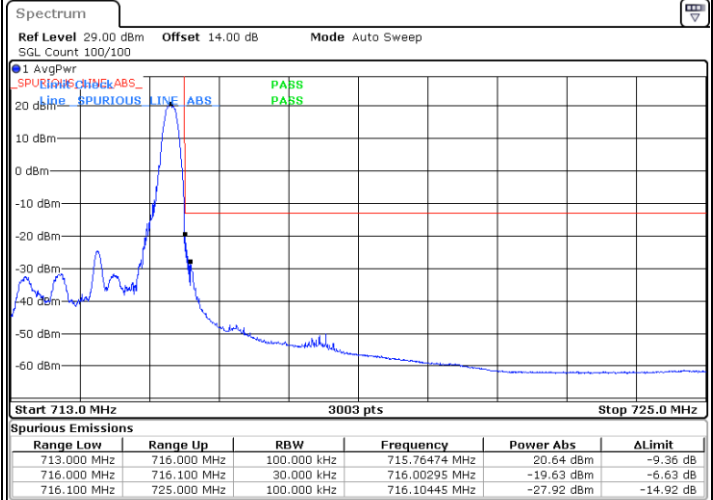


LTE Band 12 / 3MHz / 64QAM

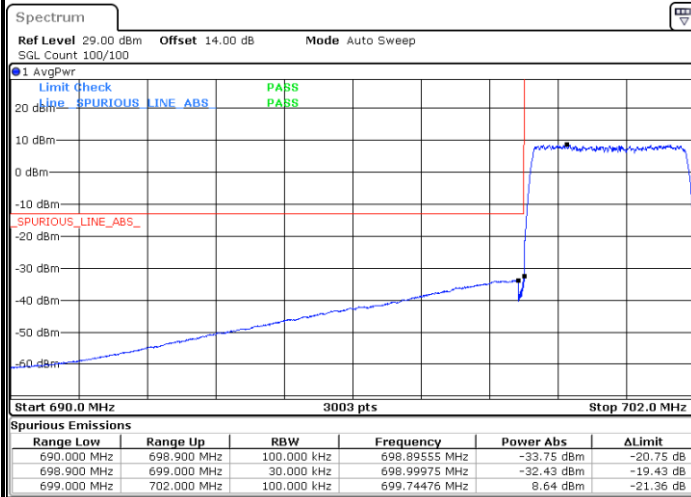
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



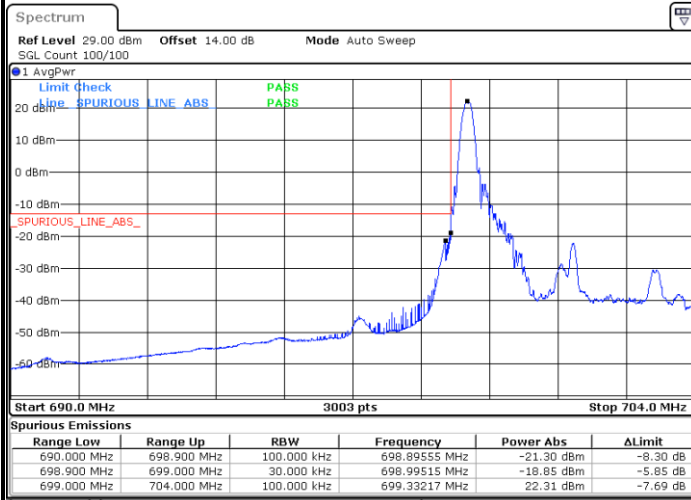
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

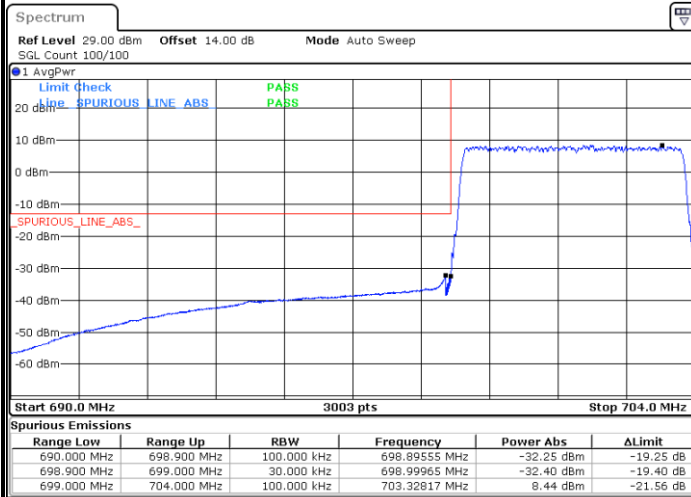
Lowest Band Edge / 1 RB



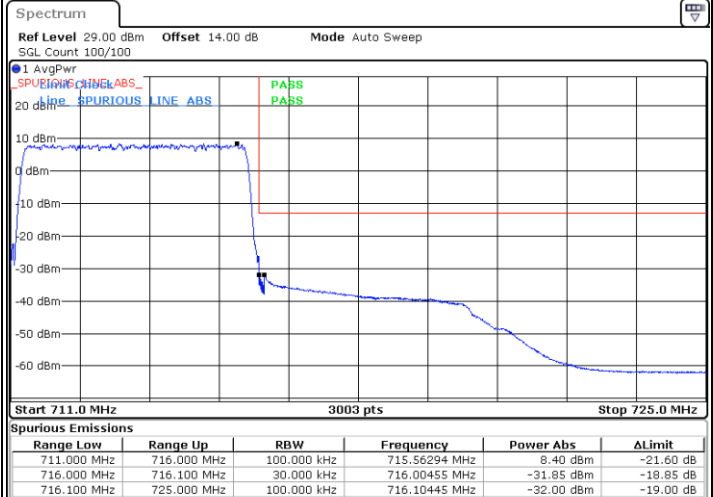
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



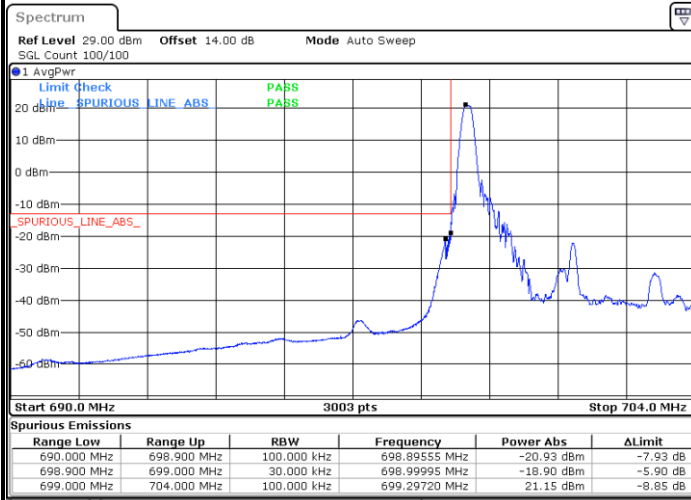
Highest Band Edge / Full RB



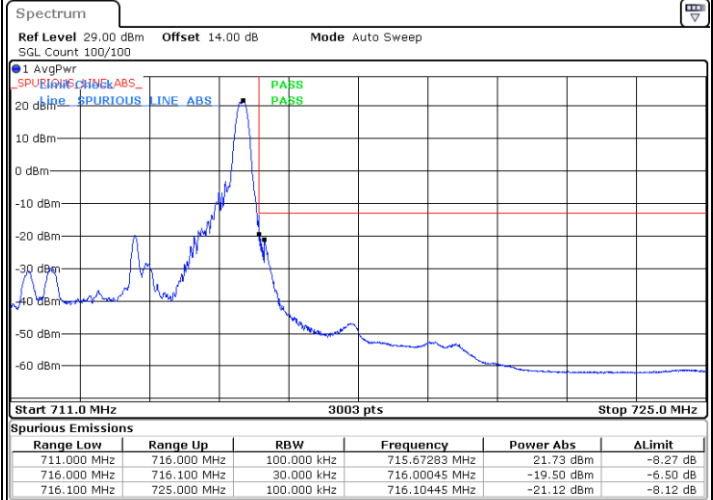


LTE Band 12 / 5MHz / 16QAM

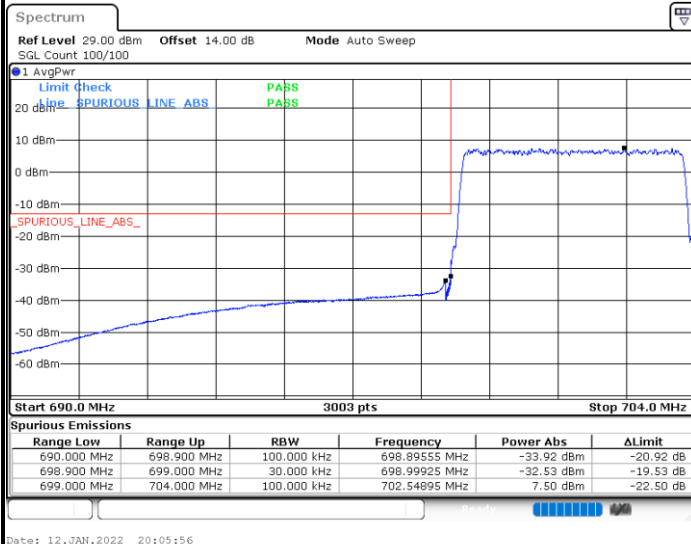
Lowest Band Edge / 1RB



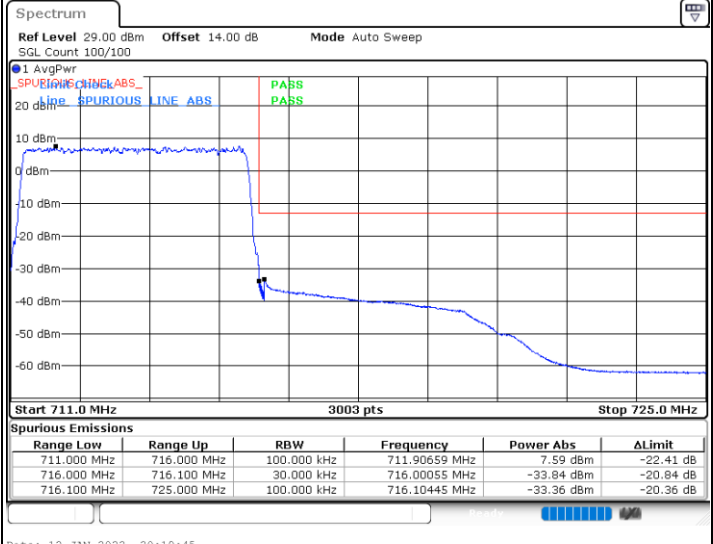
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



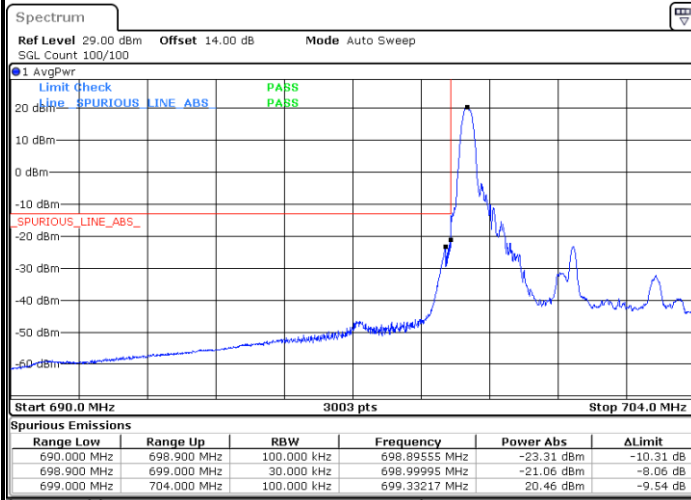
Highest Band Edge / Full RB



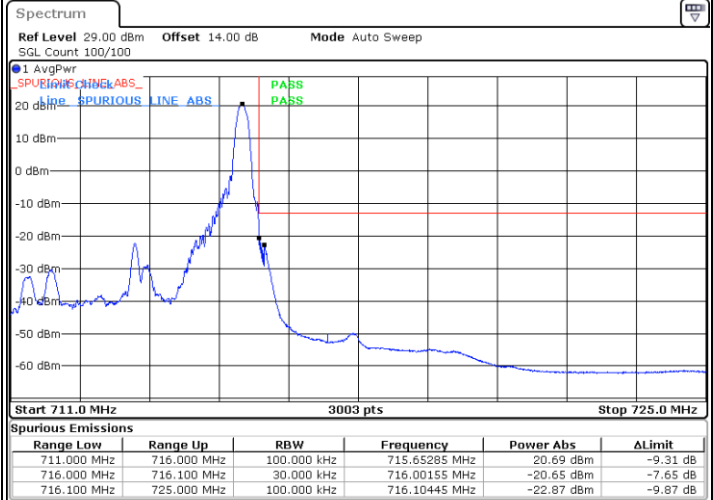


LTE Band 12 / 5MHz / 64QAM

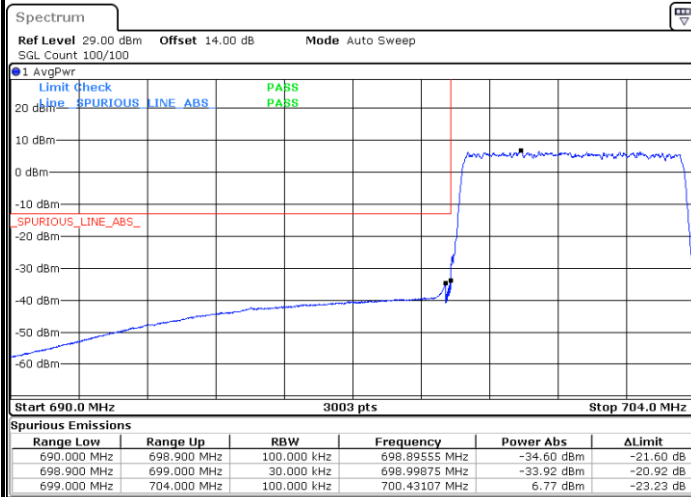
Lowest Band Edge / 1RB



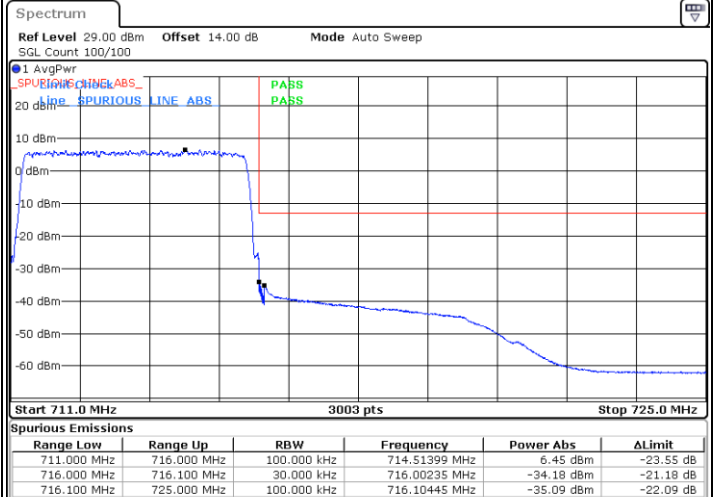
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



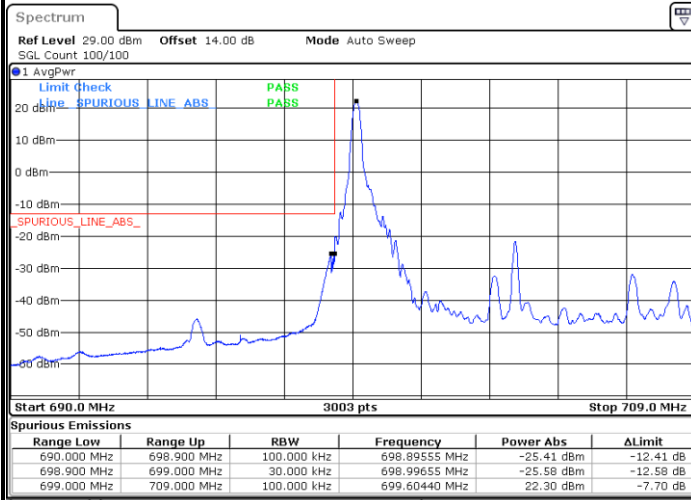
Highest Band Edge / Full RB



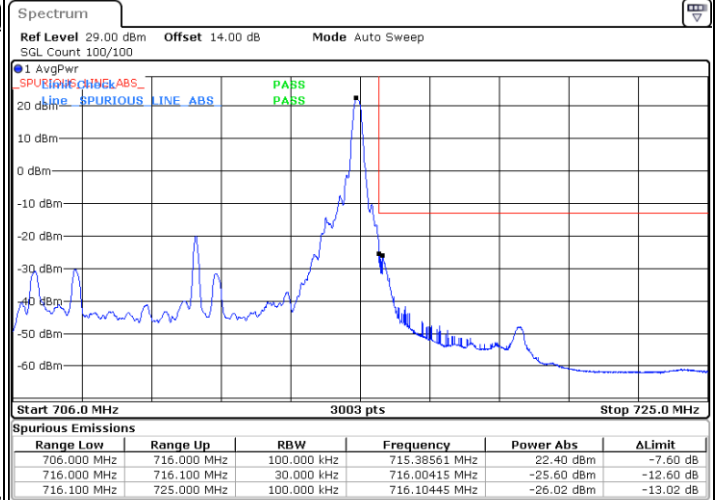


LTE Band 12 / 10MHz / QPSK

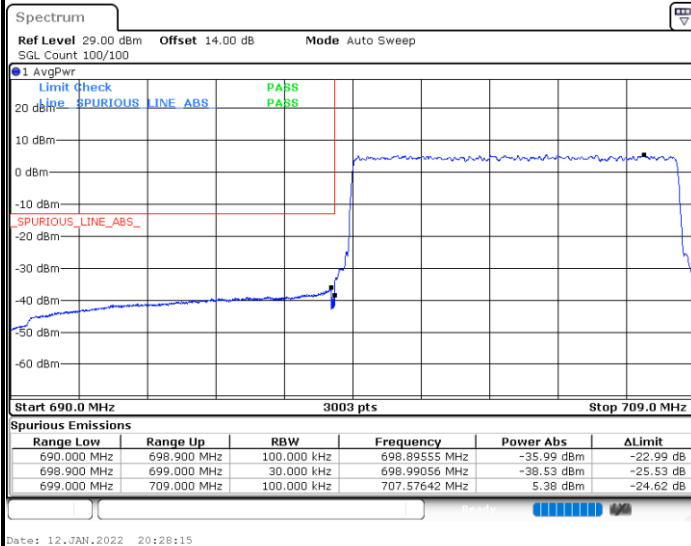
Lowest Band Edge / 1 RB



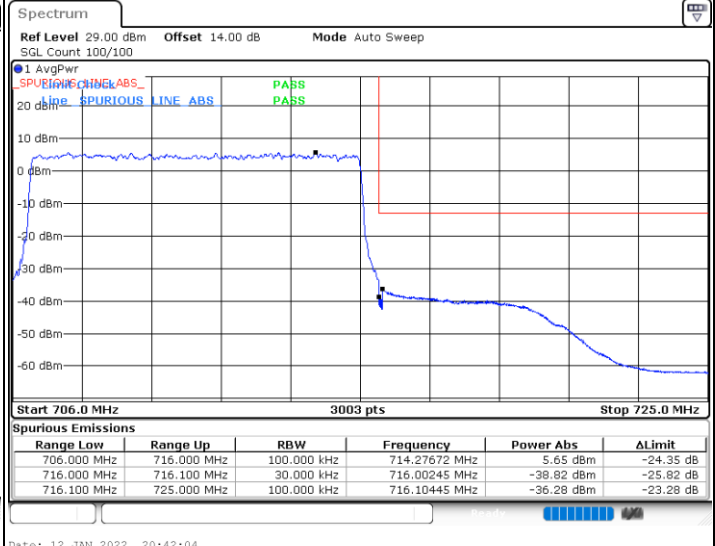
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



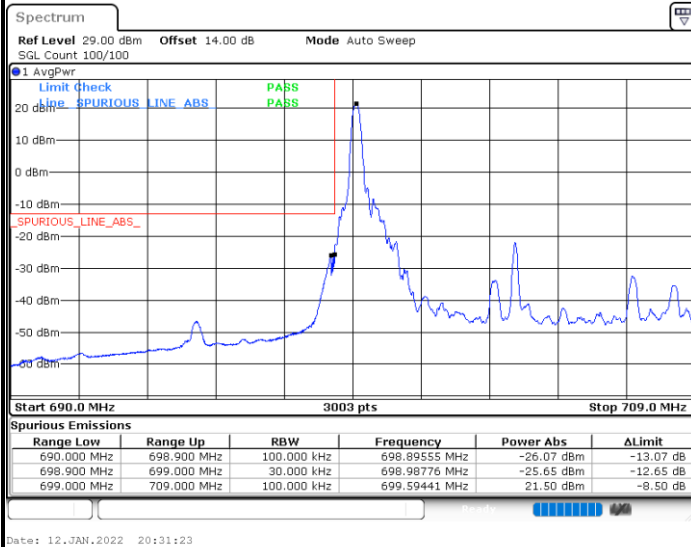
Highest Band Edge / Full RB



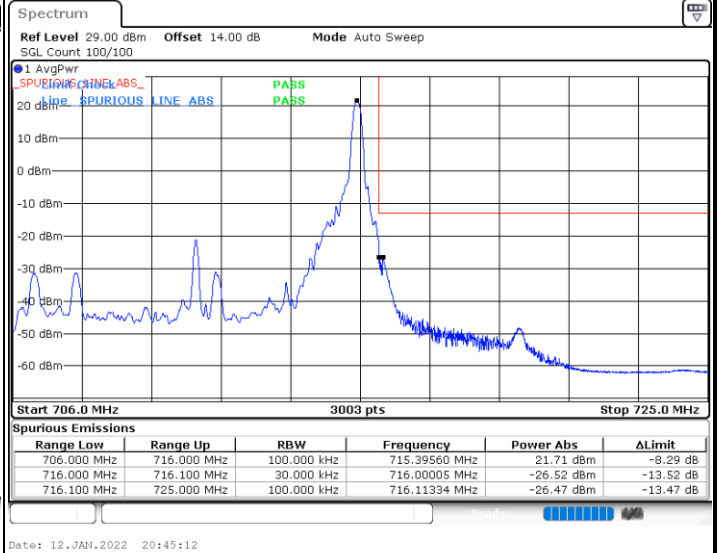


LTE Band 12 / 10MHz / 16QAM

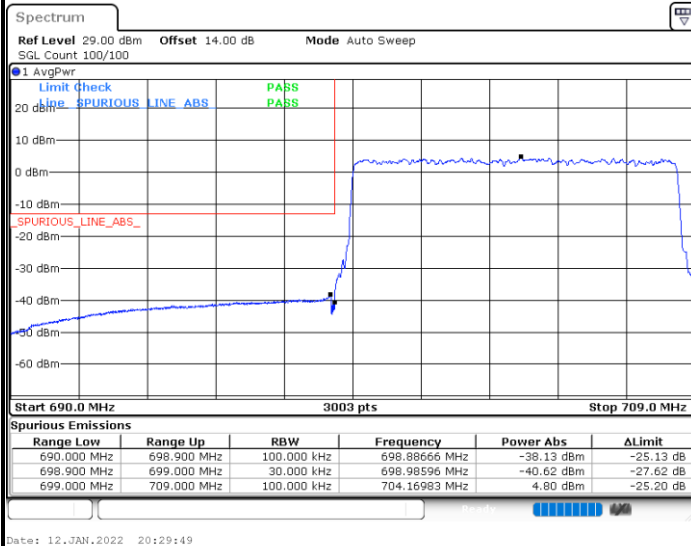
Lowest Band Edge / 1 RB



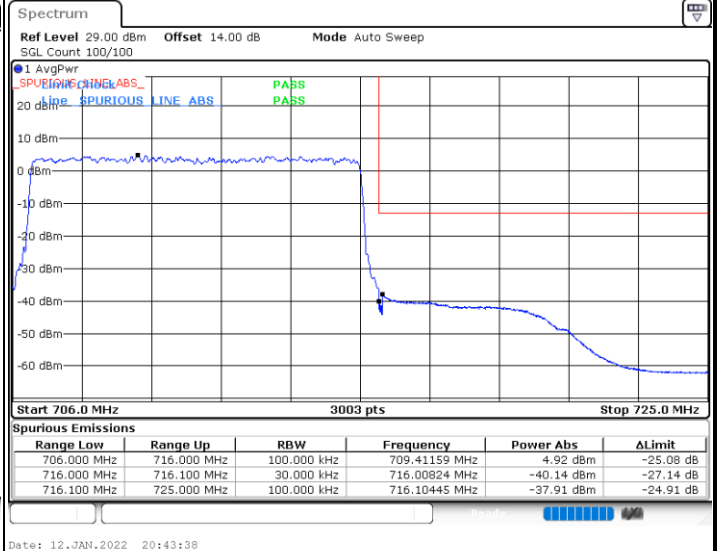
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



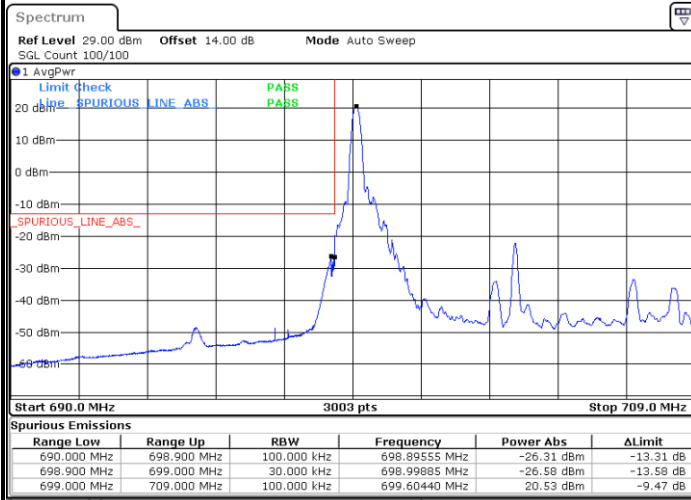
Highest Band Edge / Full RB



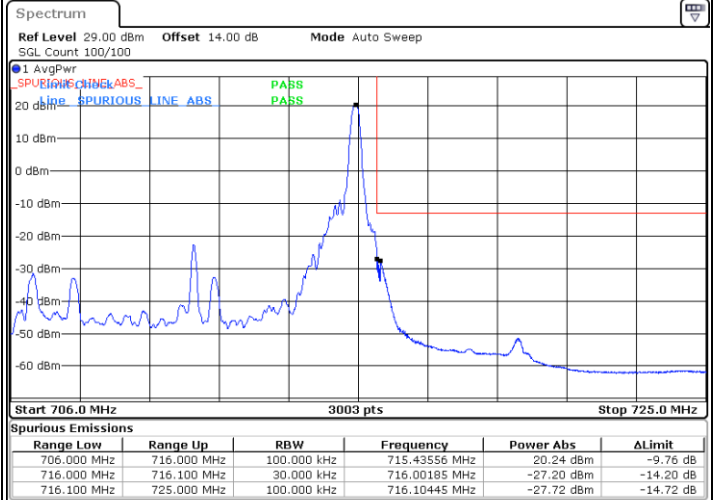


LTE Band 12 / 10MHz / 64QAM

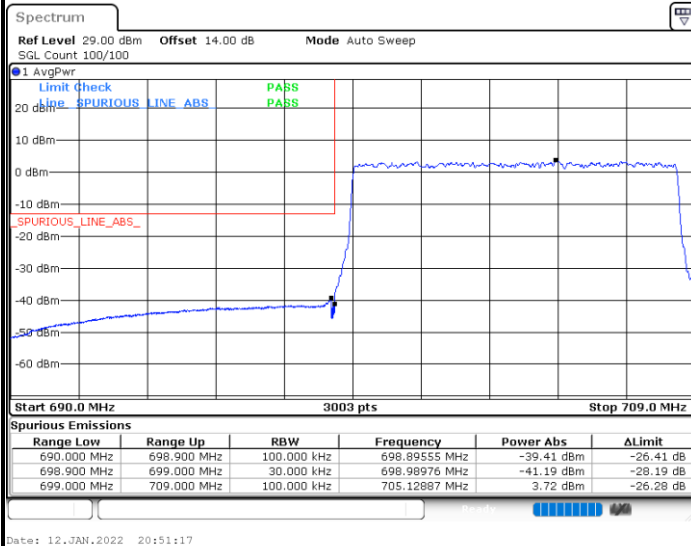
Lowest Band Edge / 1 RB



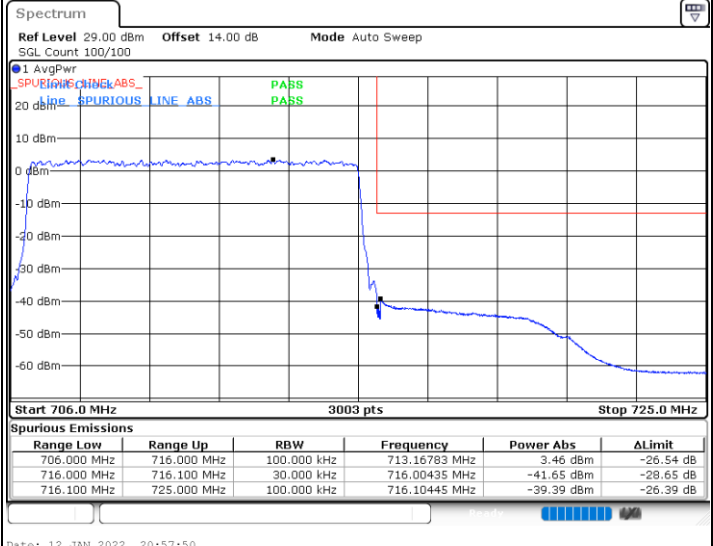
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

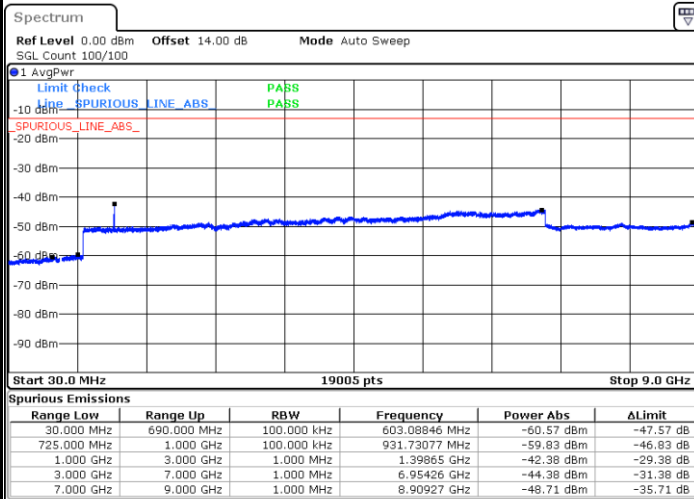




Conducted Spurious Emission

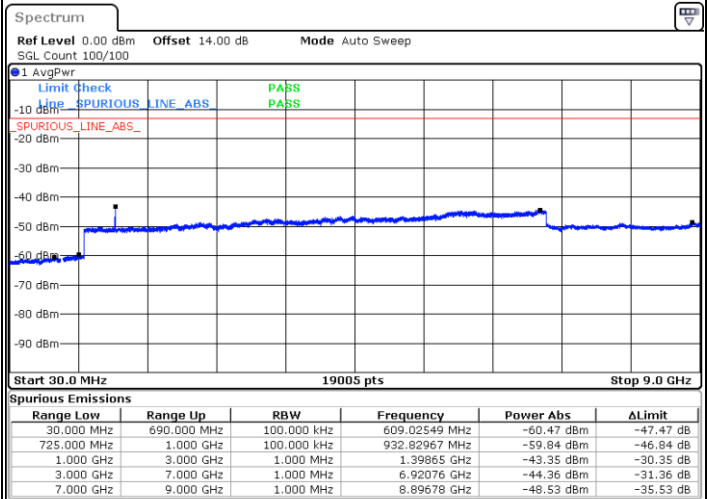
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



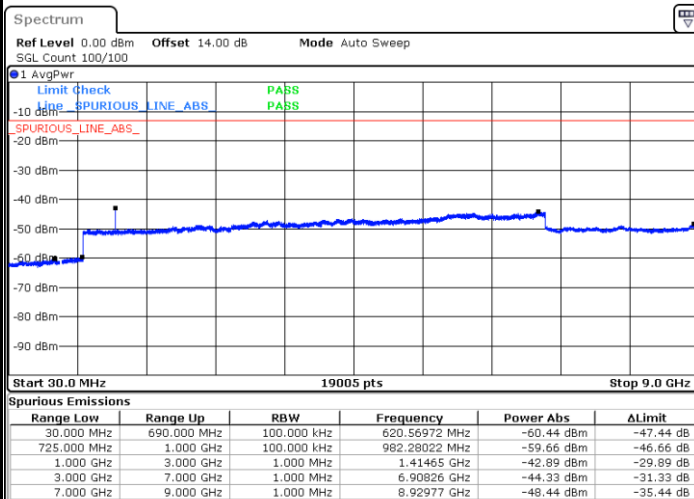
Date: 12.JAN.2022 21:09:17

Lowest Channel / 16QAM



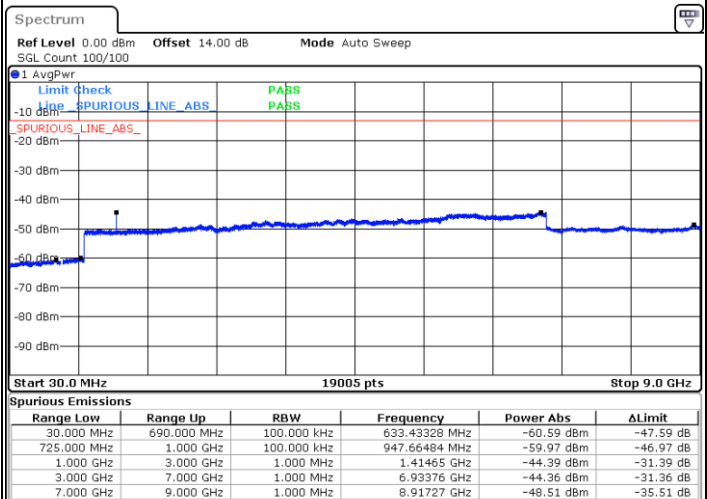
Date: 12.JAN.2022 21:10:32

Middle Channel / QPSK



Date: 12.JAN.2022 21:14:28

Middle Channel / 16QAM

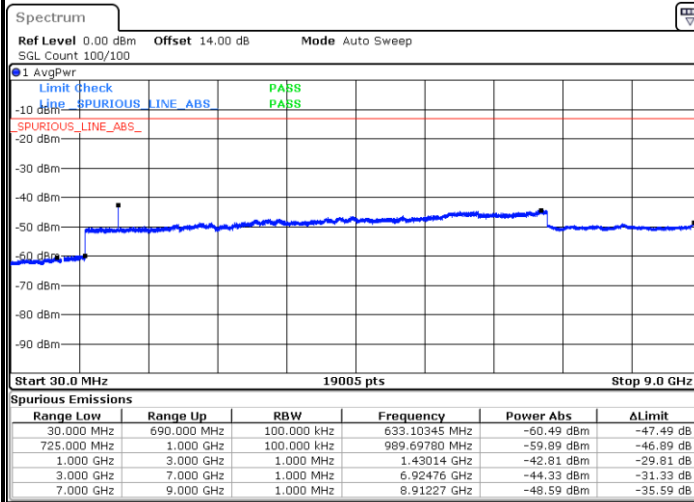


Date: 12.JAN.2022 21:13:15



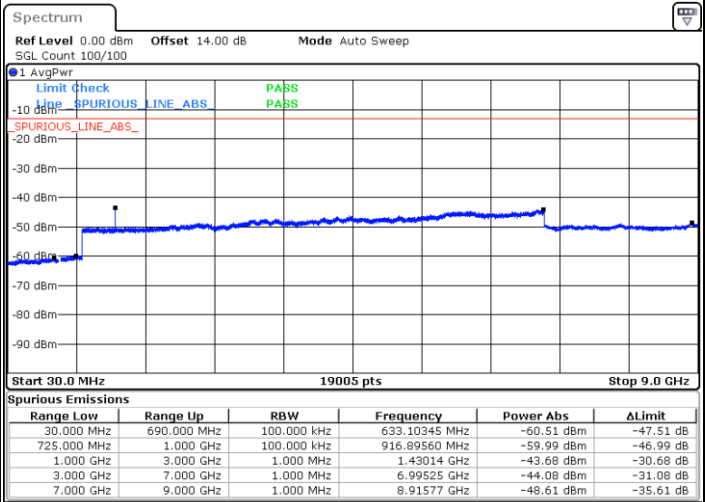
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 12.JAN.2022 21:23:17

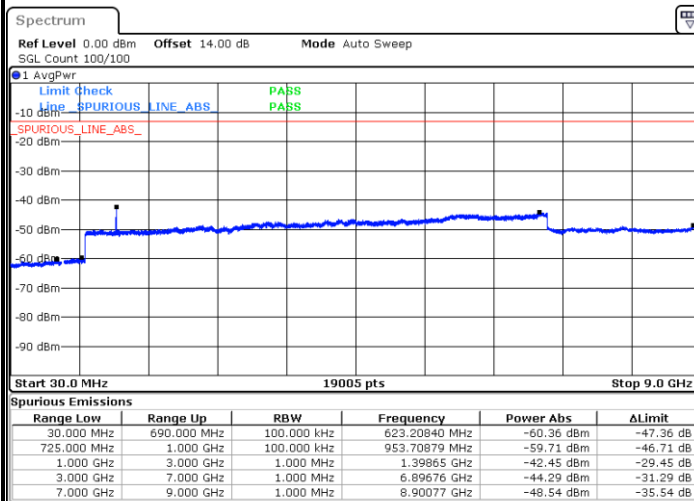
Highest Channel / 16QAM



Date: 12.JAN.2022 21:24:31

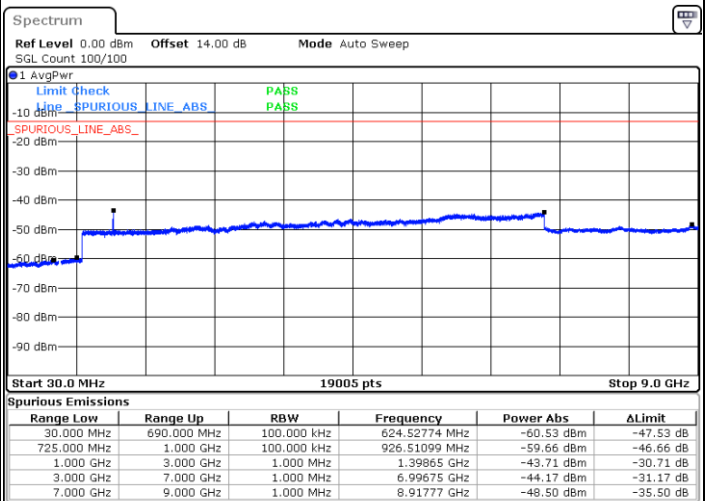
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 12.JAN.2022 19:23:40

Lowest Channel / 16QAM

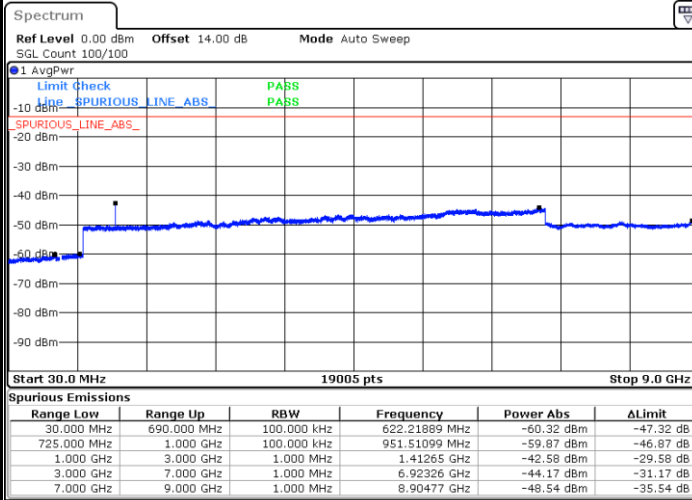


Date: 12.JAN.2022 19:24:53



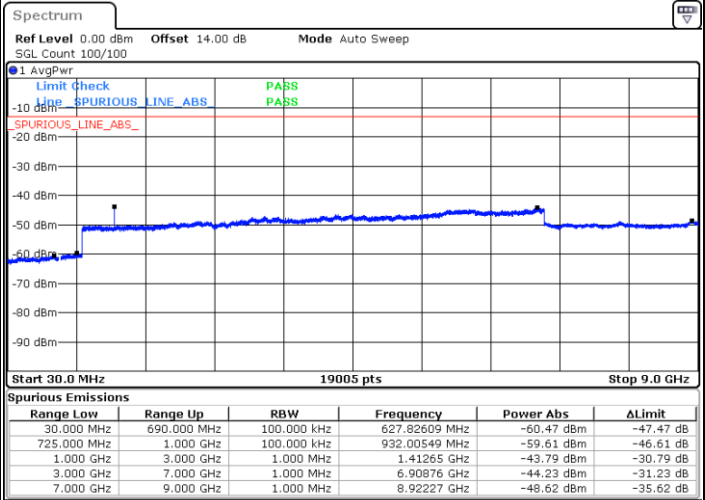
LTE Band 12 / 3MHz

Middle Channel / QPSK



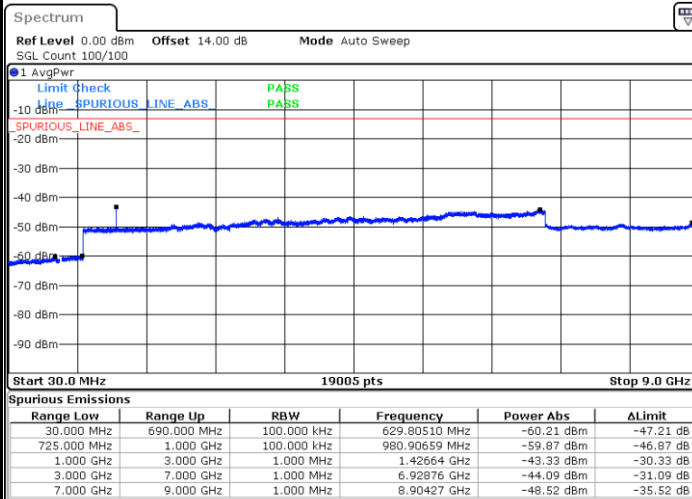
Date: 12.JAN.2022 19:28:44

Middle Channel / 16QAM



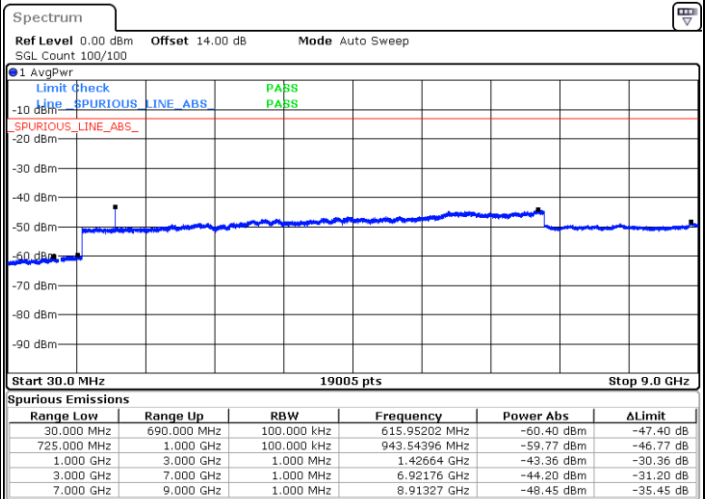
Date: 12.JAN.2022 19:27:32

Highest Channel / QPSK



Date: 12.JAN.2022 19:37:35

Highest Channel / 16QAM

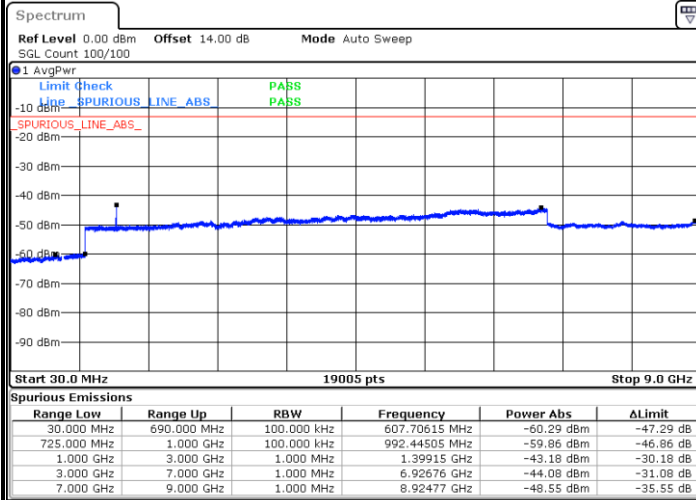


Date: 12.JAN.2022 19:38:49



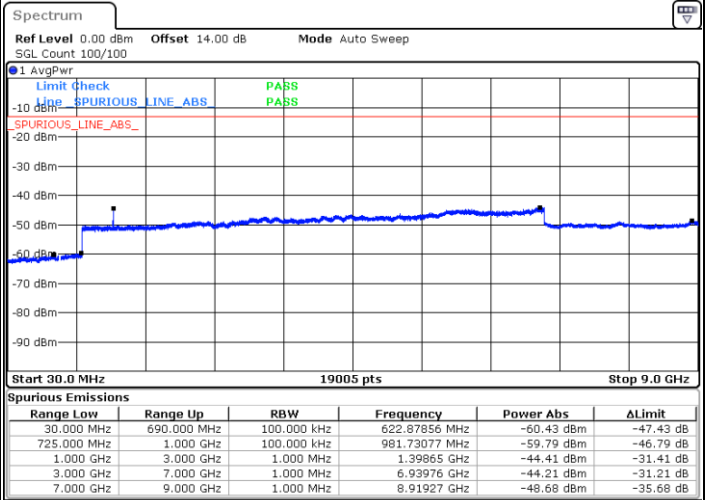
LTE Band 12 / 5MHz

Lowest Channel / QPSK



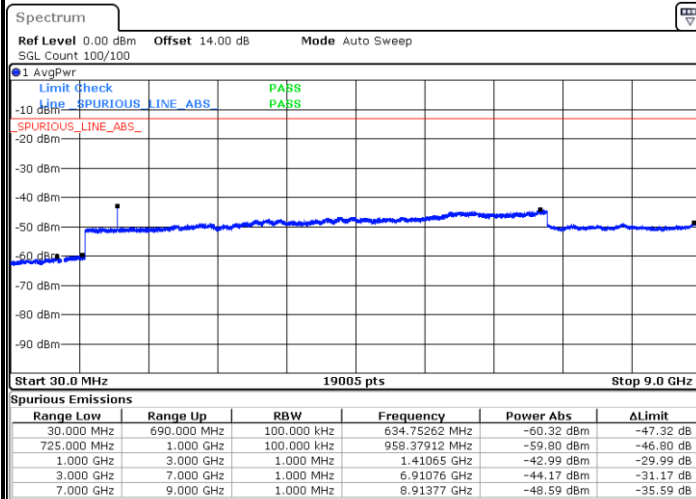
Date: 12.JAN.2022 20:10:07

Lowest Channel / 16QAM



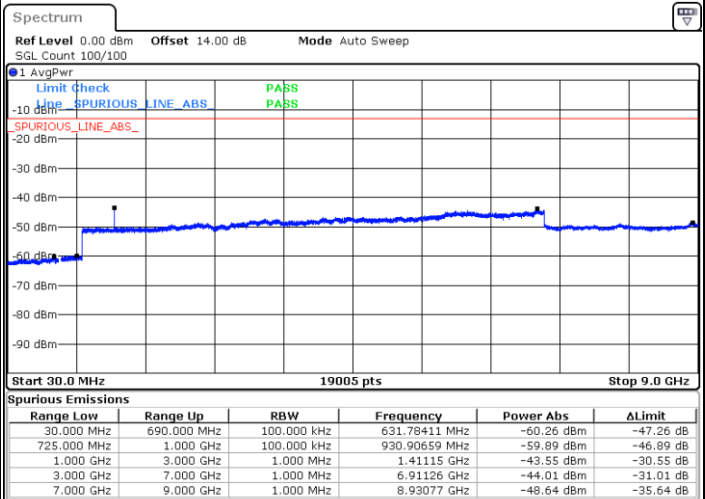
Date: 12.JAN.2022 20:11:22

Middle Channel / QPSK



Date: 12.JAN.2022 20:15:18

Middle Channel / 16QAM

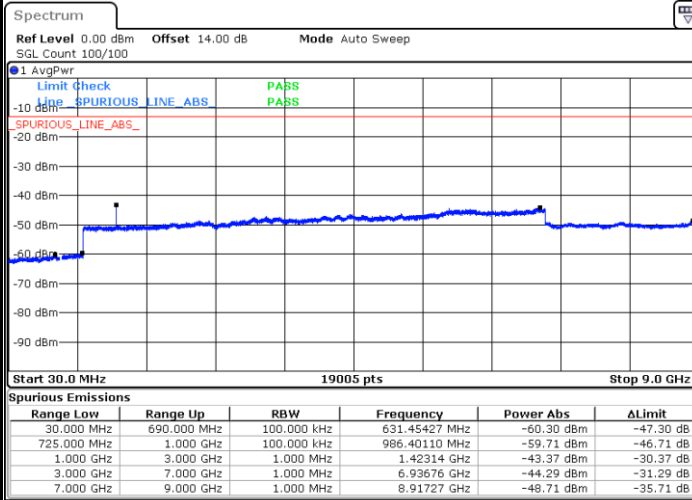


Date: 12.JAN.2022 20:14:04



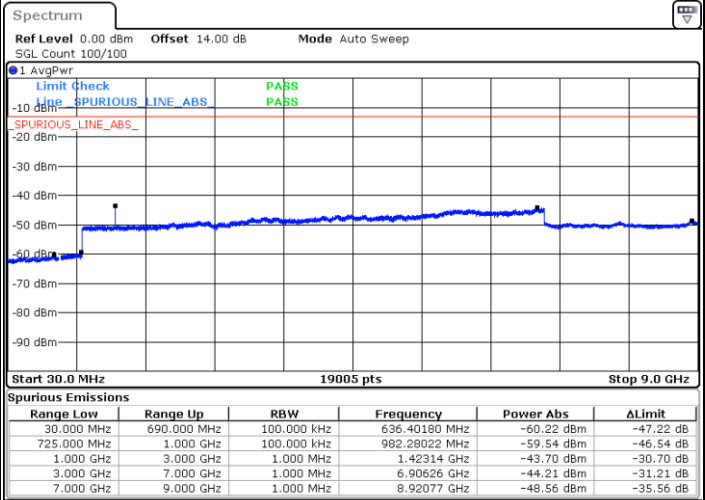
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 12.JAN.2022 20:25:21

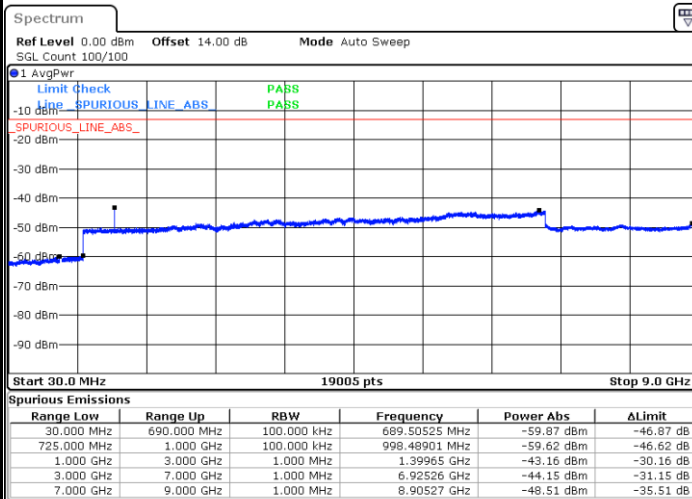
Highest Channel / 16QAM



Date: 12.JAN.2022 20:24:07

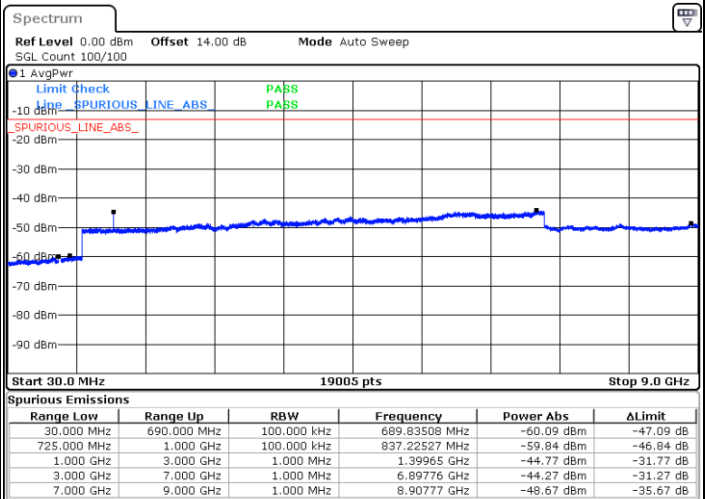
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 12.JAN.2022 20:34:00

Lowest Channel / 16QAM

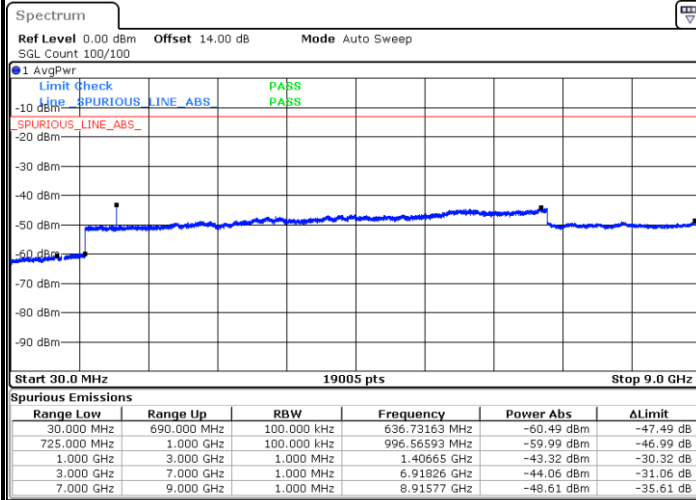


Date: 12.JAN.2022 20:35:14



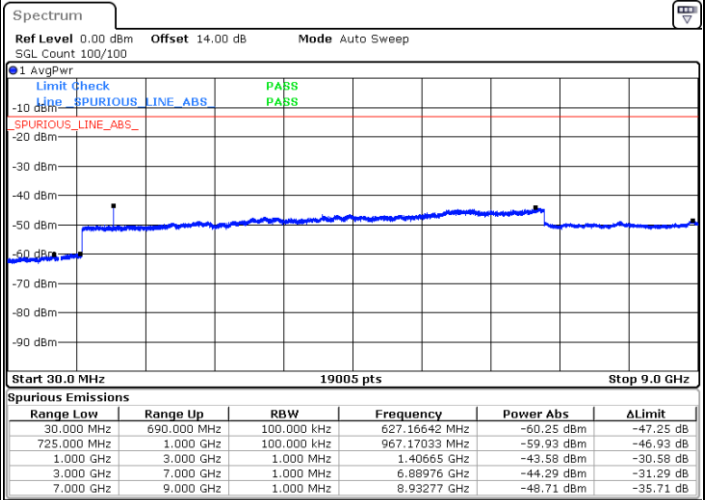
LTE Band 12 / 10MHz

Middle Channel / QPSK



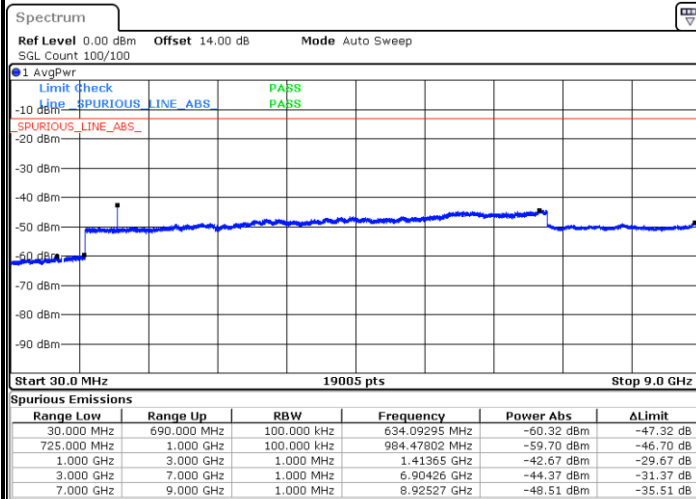
Date: 12.JAN.2022 20:39:11

Middle Channel / 16QAM



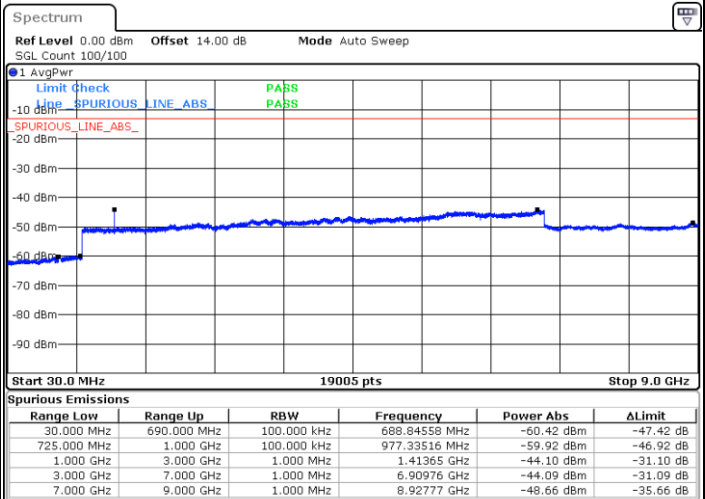
Date: 12.JAN.2022 20:37:57

Highest Channel / QPSK



Date: 12.JAN.2022 20:48:00

Highest Channel / 16QAM

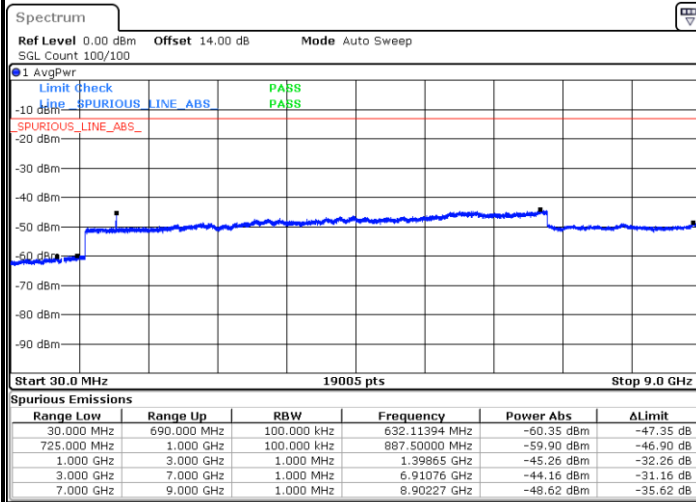


Date: 12.JAN.2022 20:49:14



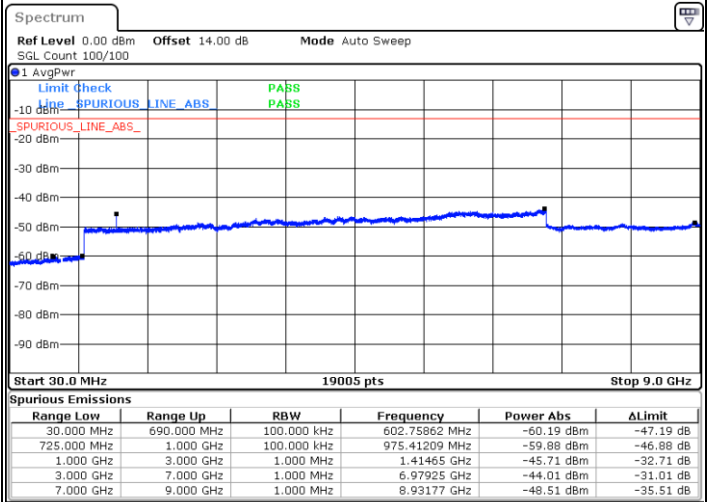
LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM



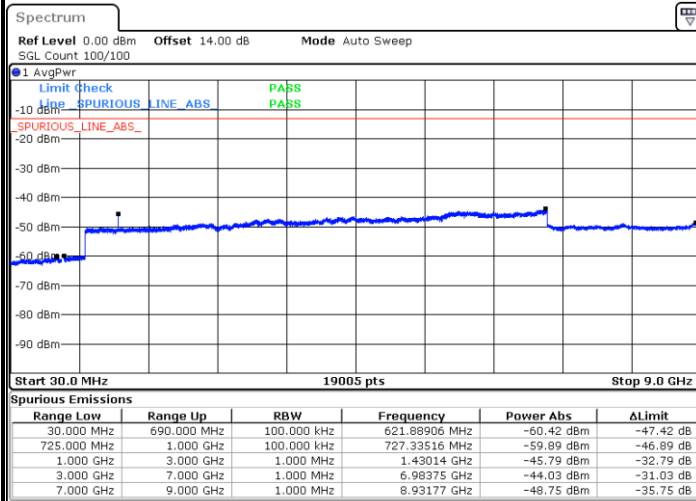
Date: 12.JAN.2022 21:29:12

Middle Channel / 64QAM



Date: 12.JAN.2022 21:31:05

Highest Channel / 64QAM

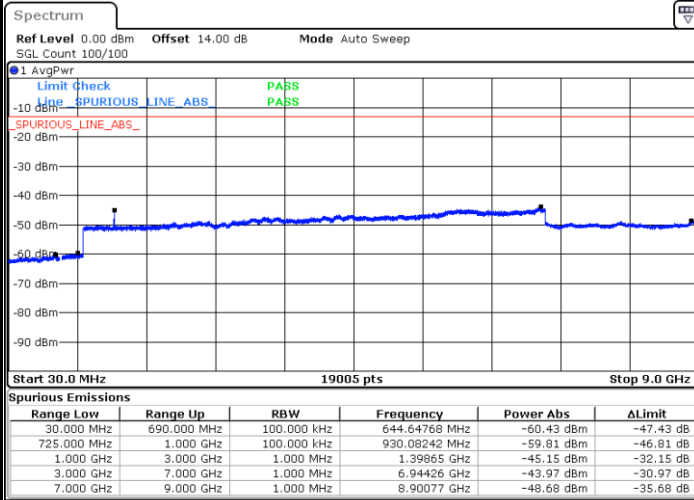


Date: 12.JAN.2022 21:35:56



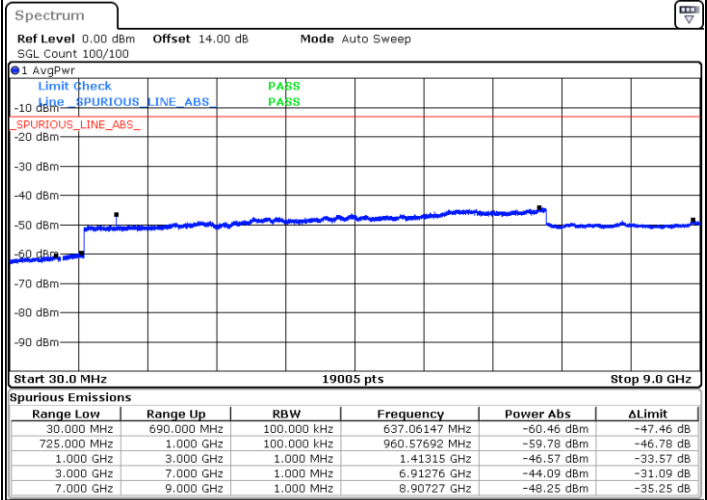
LTE Band 12 / 3MHz

Lowest Channel / 64QAM



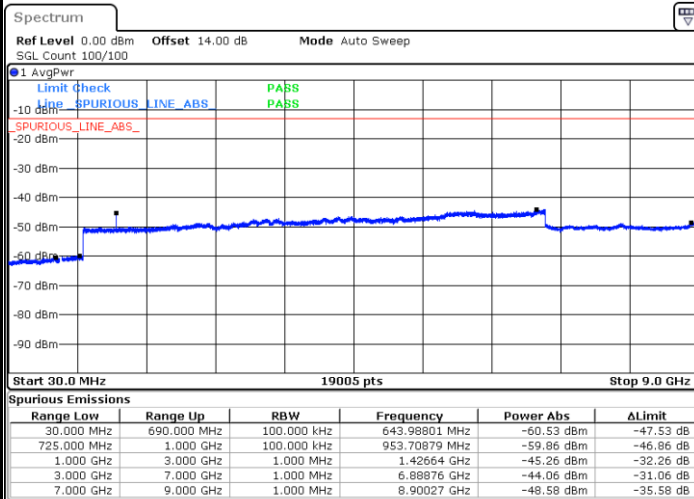
Date: 12.JAN.2022 19:43:29

Middle Channel / 64QAM



Date: 12.JAN.2022 19:45:20

Highest Channel / 64QAM

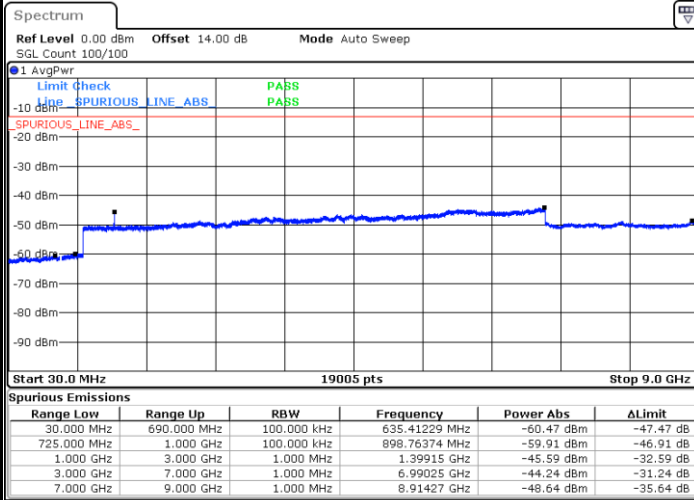


Date: 12.JAN.2022 19:50:09



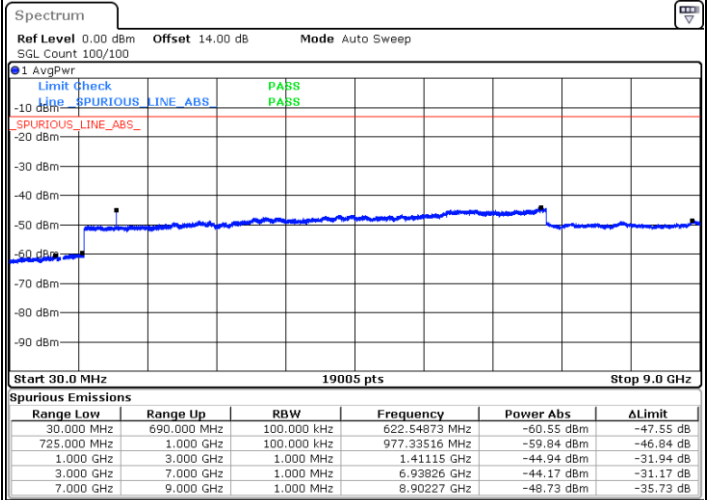
LTE Band 12 / 5MHz

Lowest Channel / 64QAM



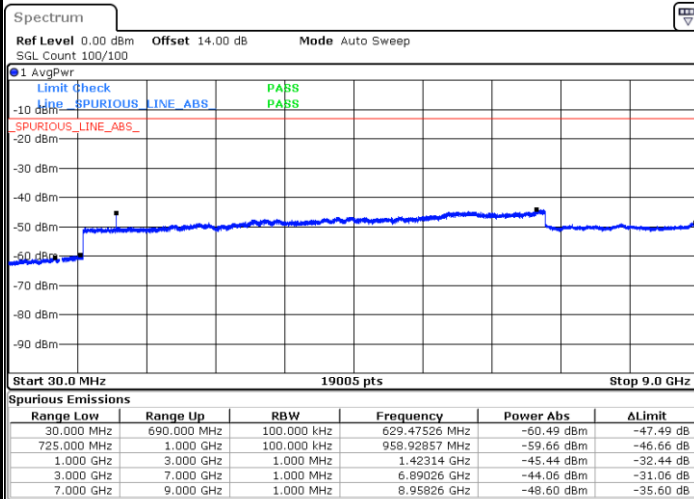
Date: 12.JAN.2022 19:54:48

Middle Channel / 64QAM



Date: 12.JAN.2022 19:56:39

Highest Channel / 64QAM

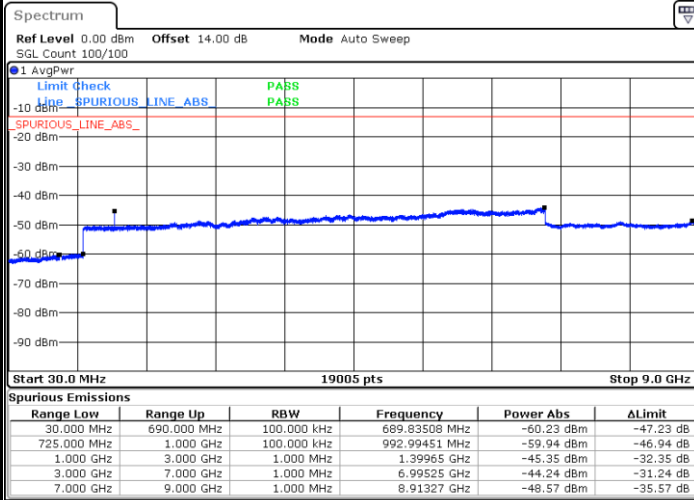


Date: 12.JAN.2022 20:01:29



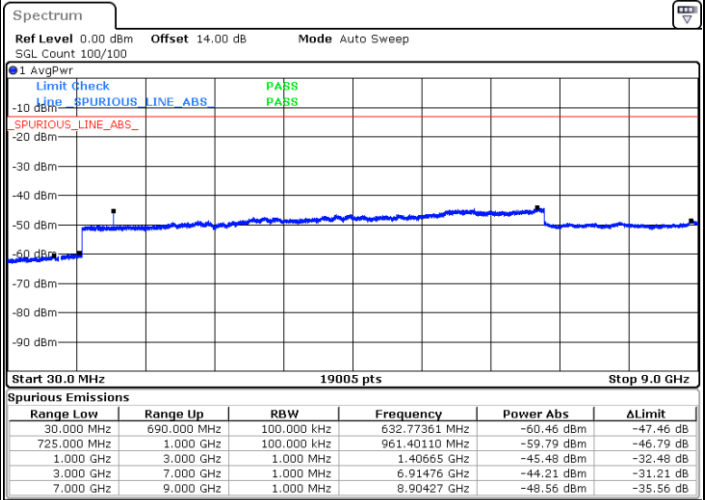
LTE Band 12 / 10MHz

Lowest Channel / 64QAM



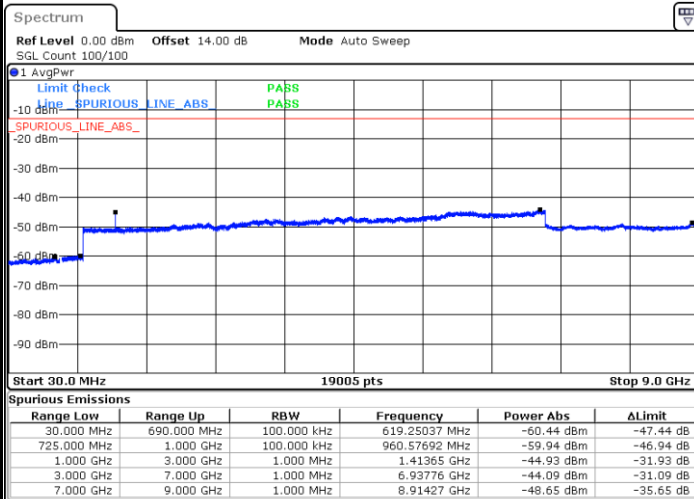
Date: 12.JAN.2022 20:53:54

Middle Channel / 64QAM



Date: 12.JAN.2022 20:55:47

Highest Channel / 64QAM



Date: 12.JAN.2022 21:00:38

**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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.88	5.16	5.01	5.88	PASS
Middle CH	3.74	5.19	4.55	6.03	
Highest CH	4.06	5.28	5.04	6.20	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.65	6.35	-	-	PASS
Middle CH	5.28	6.55	-	-	
Highest CH	5.88	6.64	-	-	