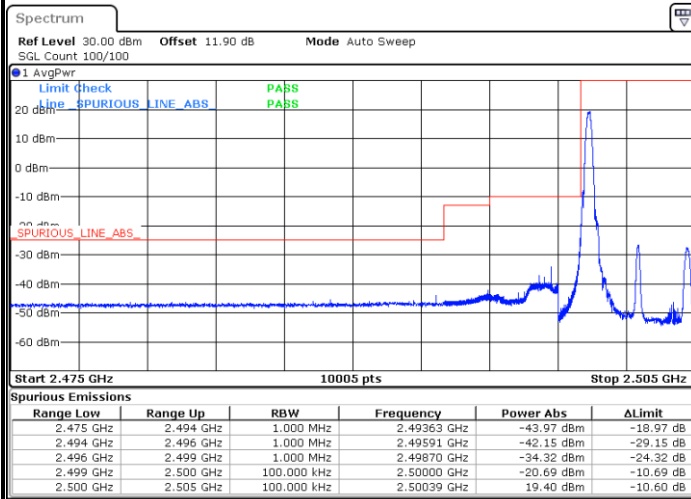


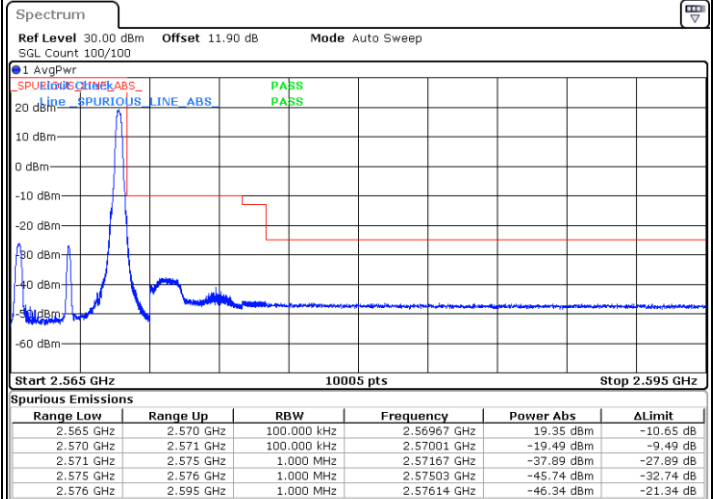


LTE Band 7 / 5MHz / 64QAM

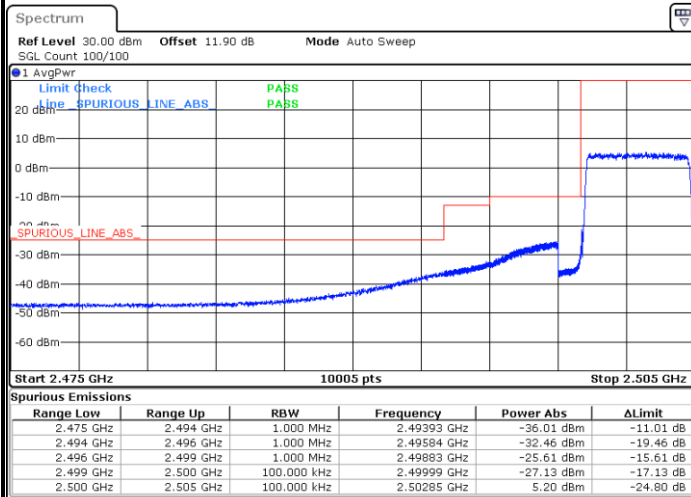
Lowest Band Edge / 1RB



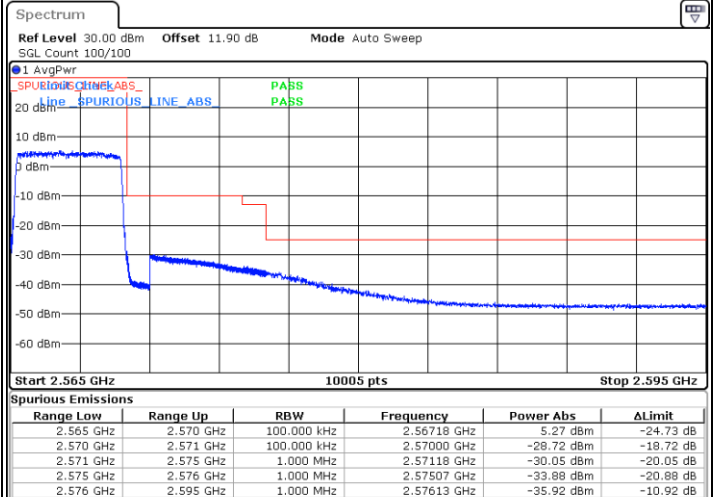
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



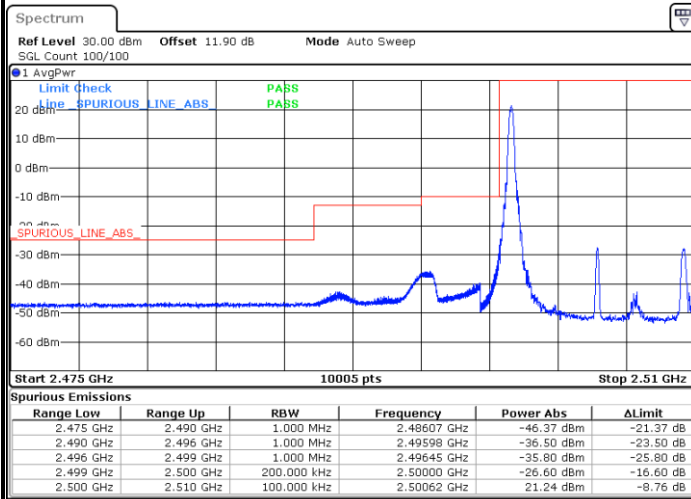
Highest Band Edge / Full RB



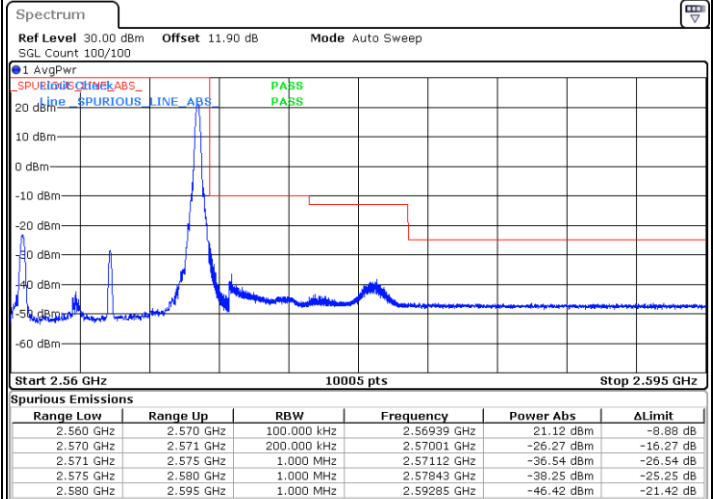


LTE Band 7 / 10MHz / QPSK

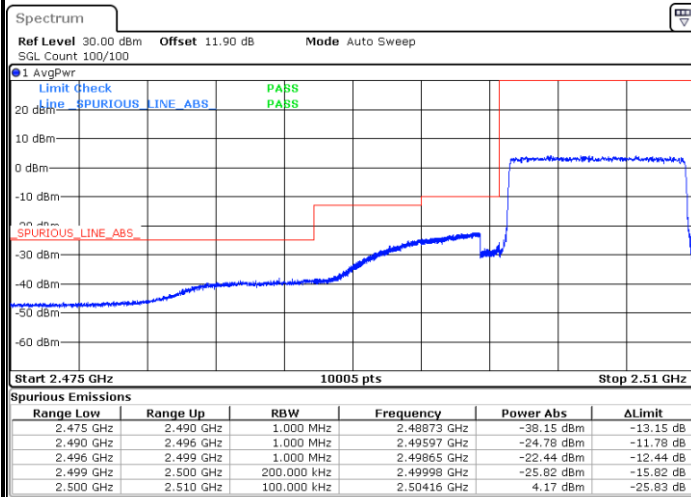
Lowest Band Edge / 1 RB



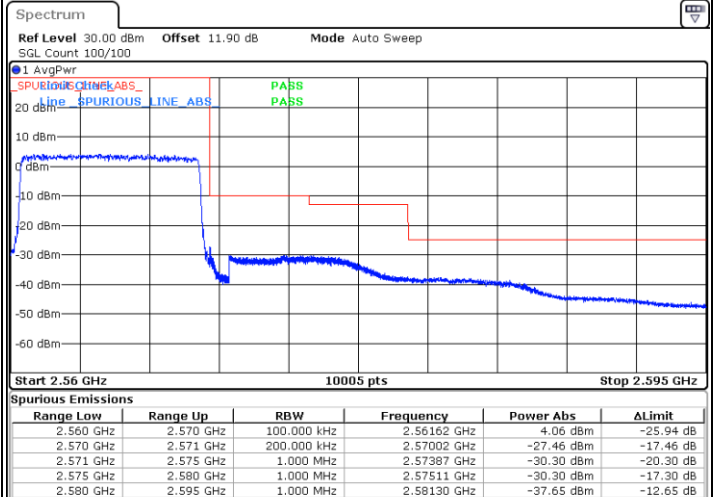
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



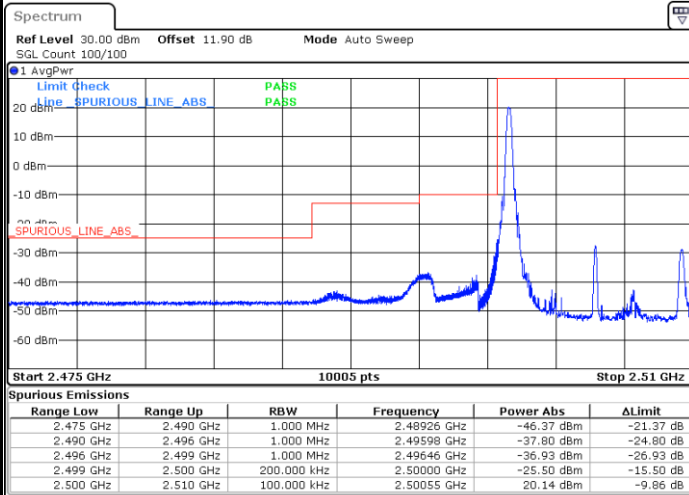
Highest Band Edge / Full RB



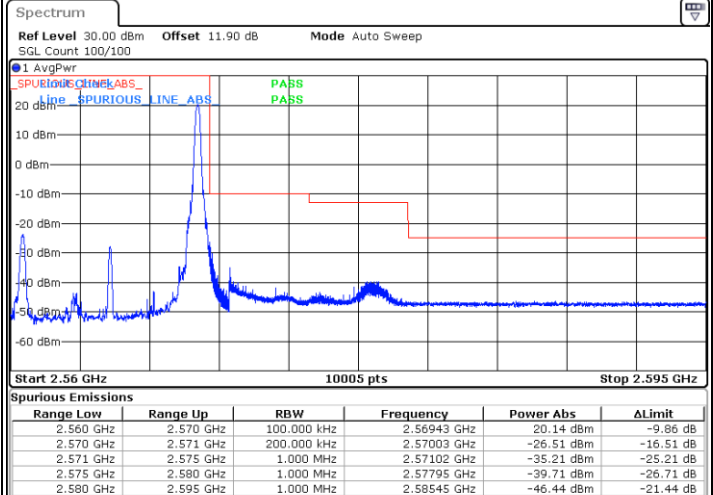


LTE Band 7 / 10MHz / 16QAM

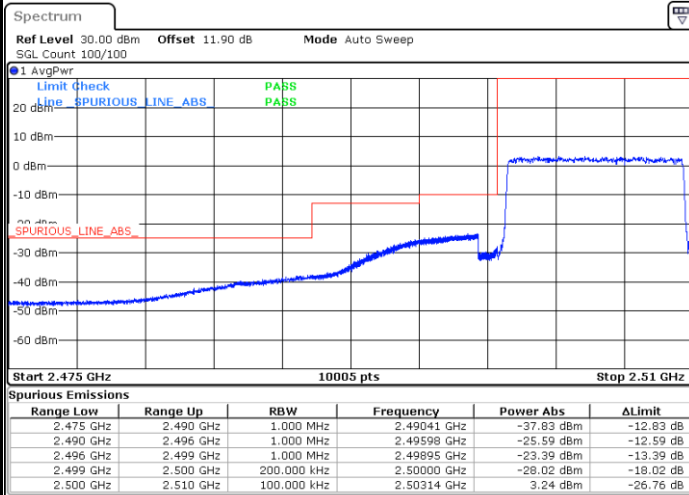
Lowest Band Edge / 1 RB



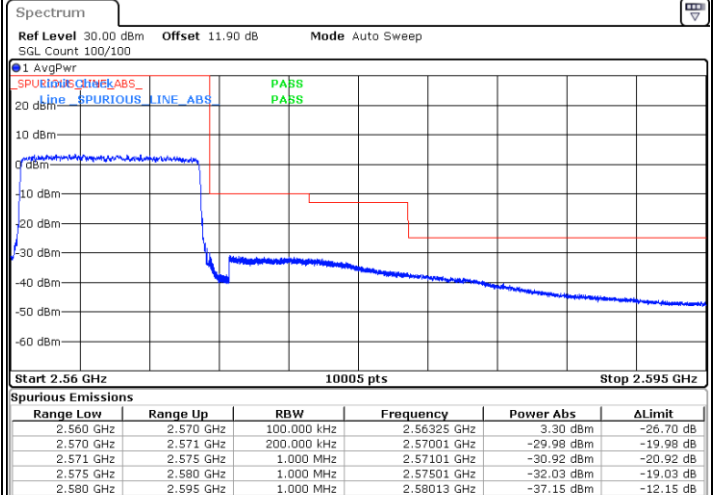
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



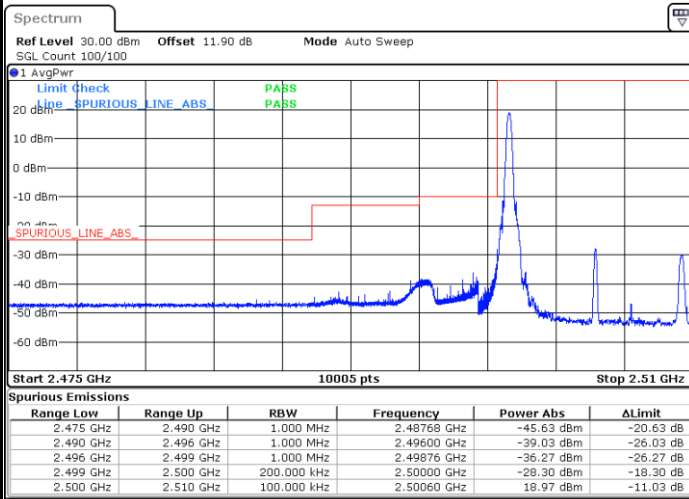
Highest Band Edge / Full RB



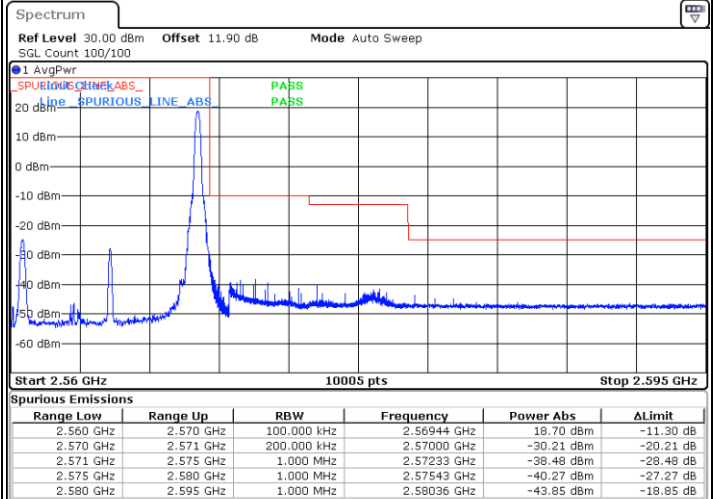


LTE Band 7 / 10MHz / 64QAM

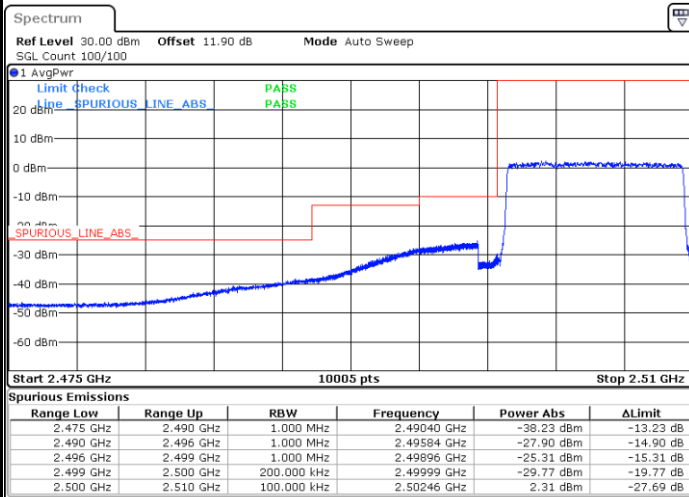
Lowest Band Edge / 1 RB



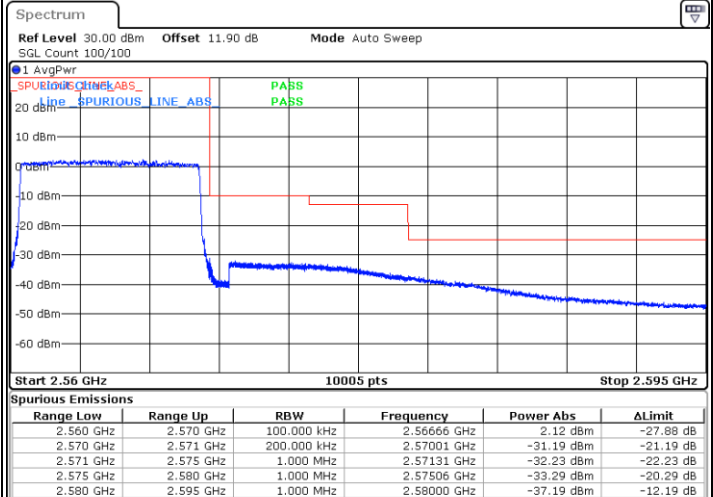
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



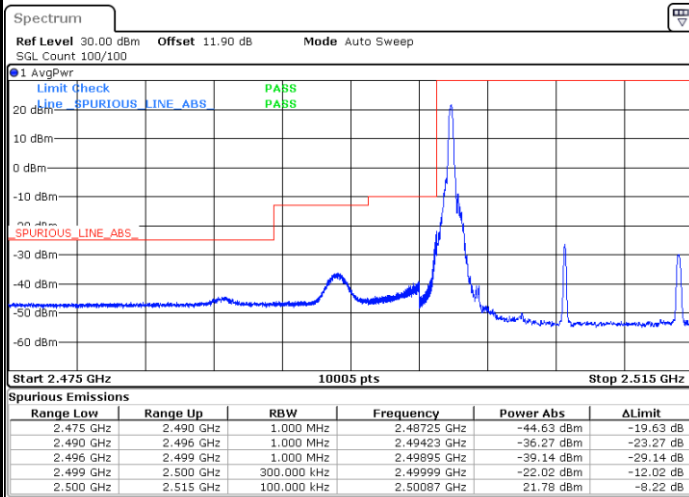
Highest Band Edge / Full RB



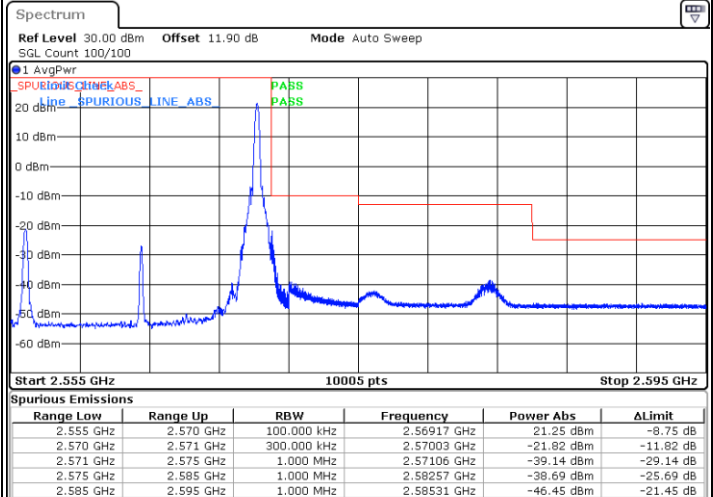


LTE Band 7 / 15MHz / QPSK

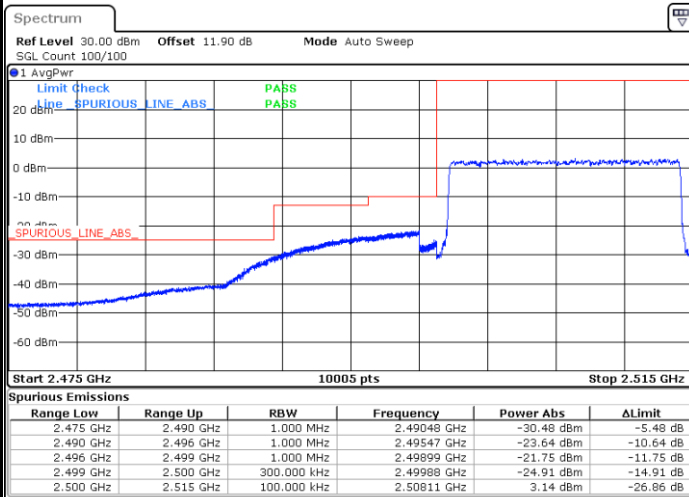
Lowest Band Edge / 1 RB



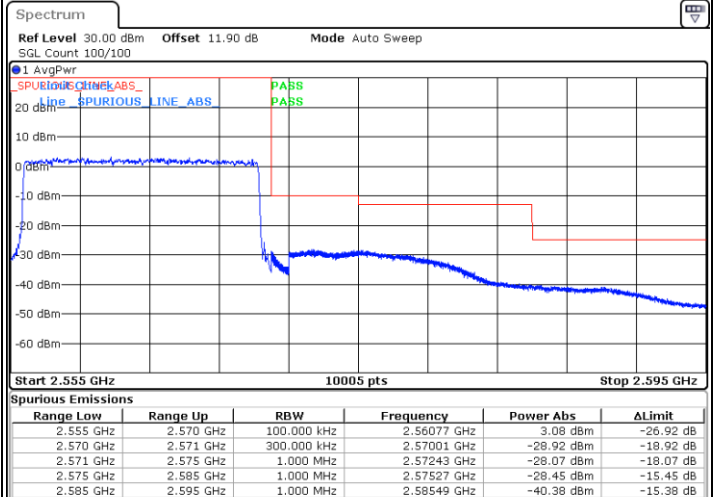
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



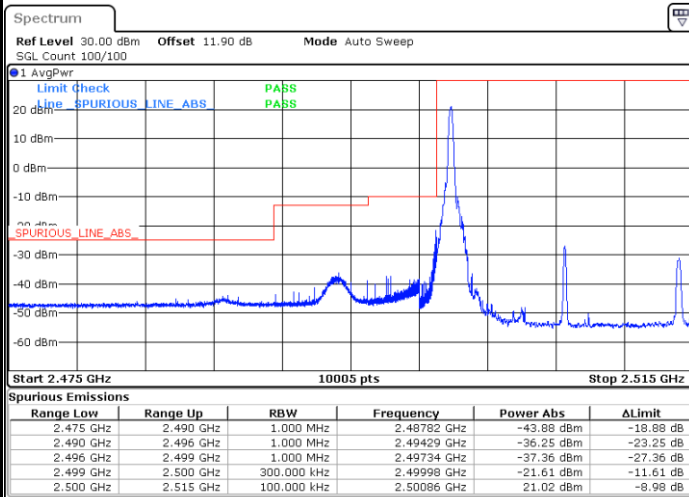
Highest Band Edge / Full RB



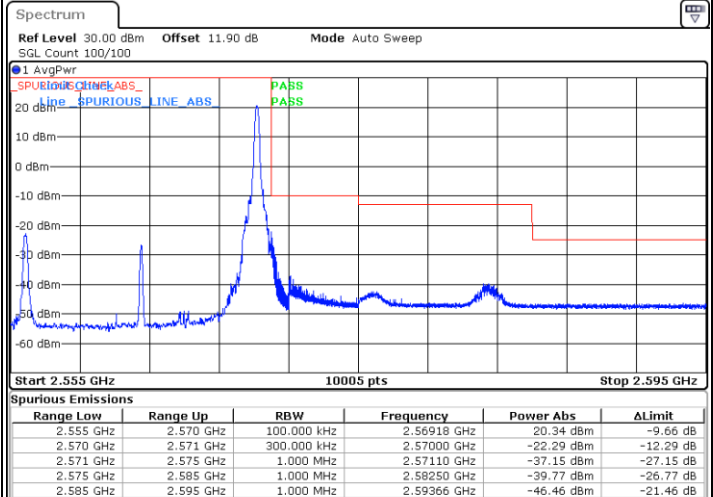


LTE Band 7 / 15MHz / 16QAM

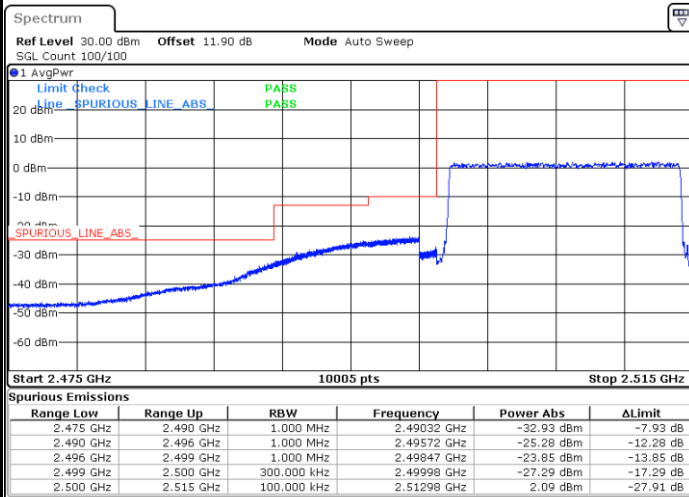
Lowest Band Edge / 1 RB



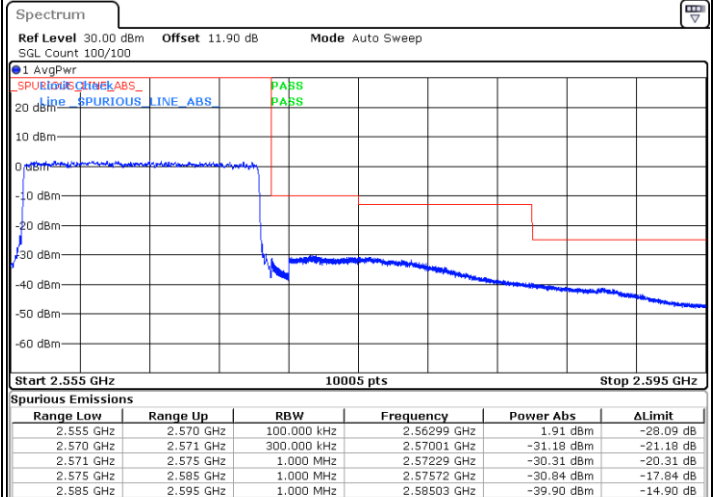
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



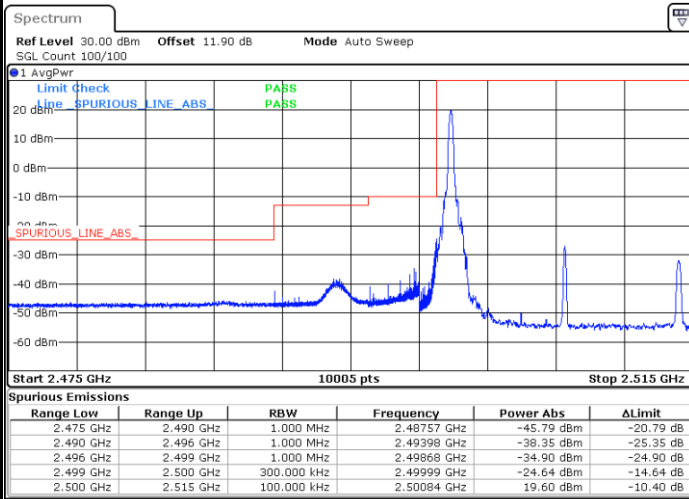
Highest Band Edge / Full RB



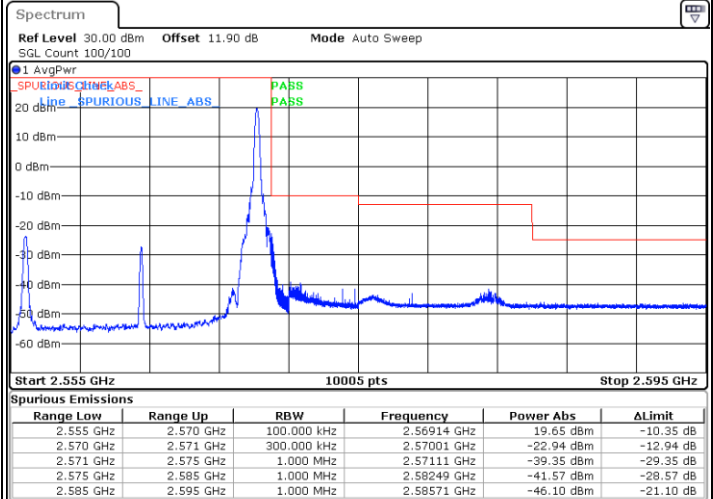


LTE Band 7 / 15MHz / 64QAM

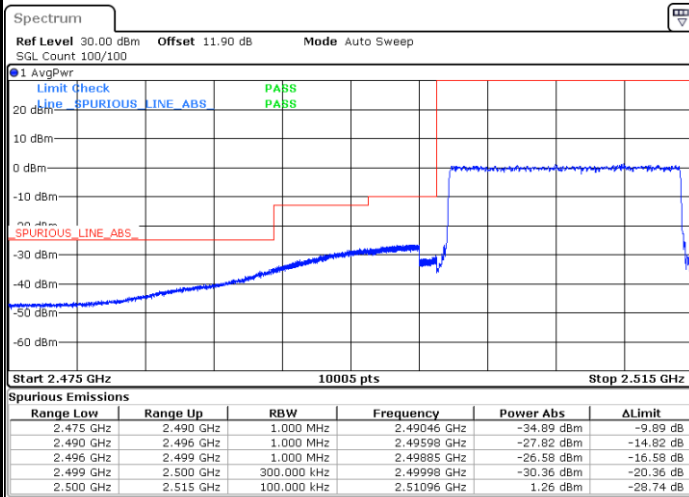
Lowest Band Edge / 1 RB



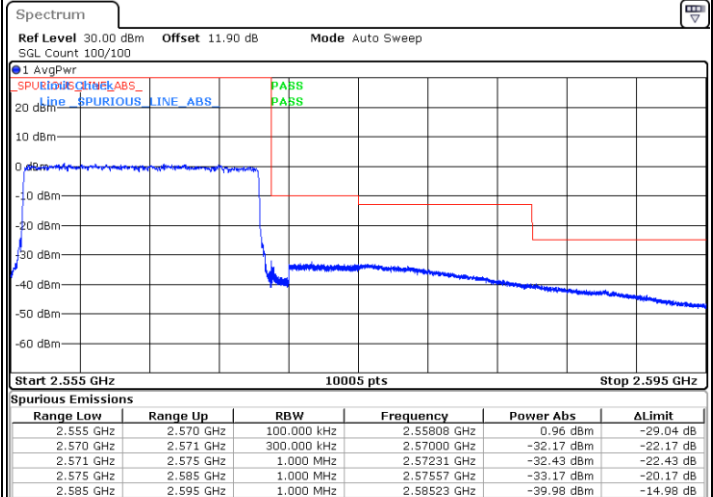
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



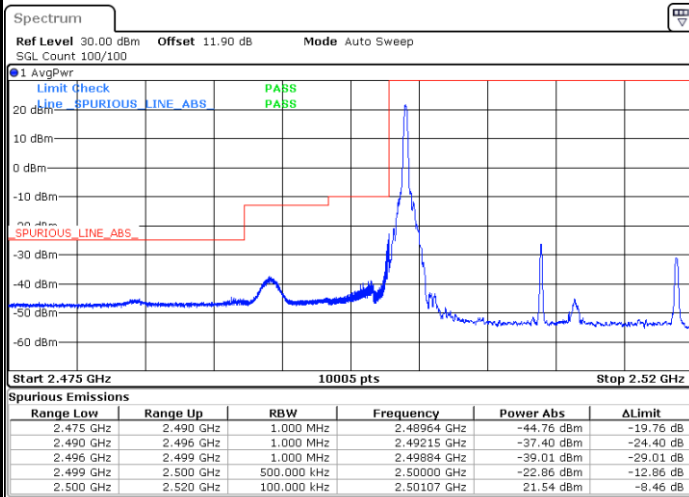
Highest Band Edge / Full RB



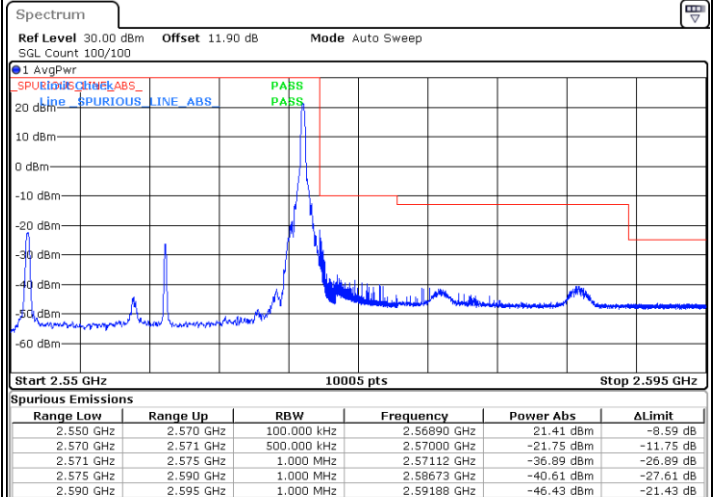


LTE Band 7 / 20MHz / QPSK

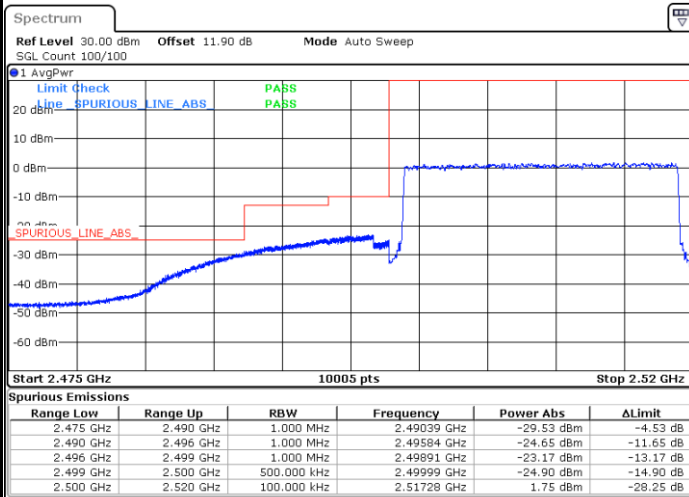
Lowest Band Edge / 1 RB



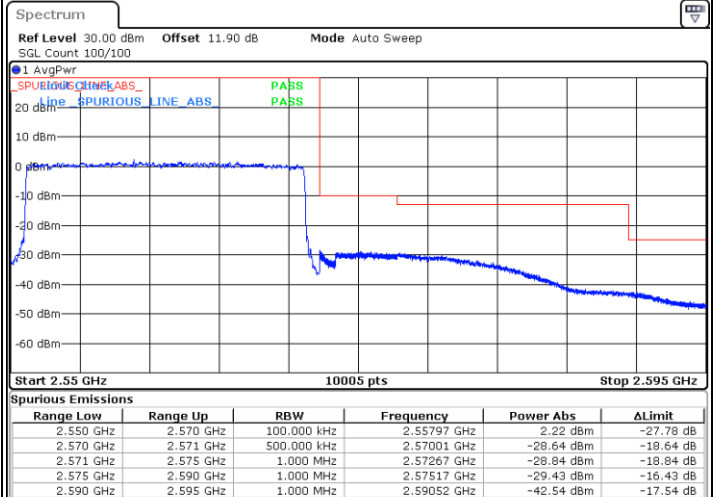
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



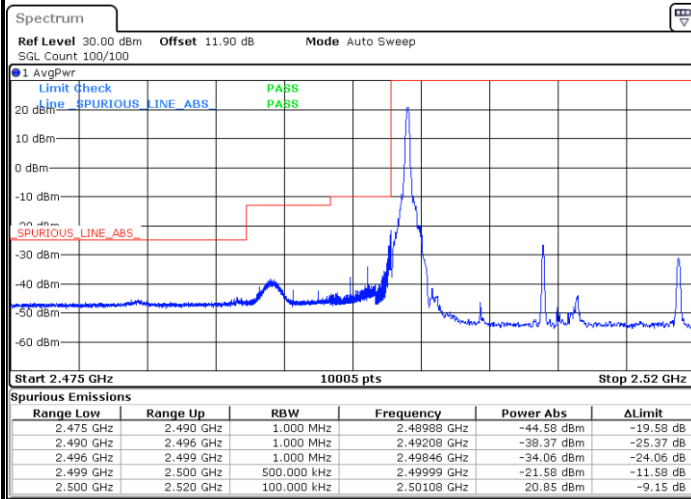
Highest Band Edge / Full RB



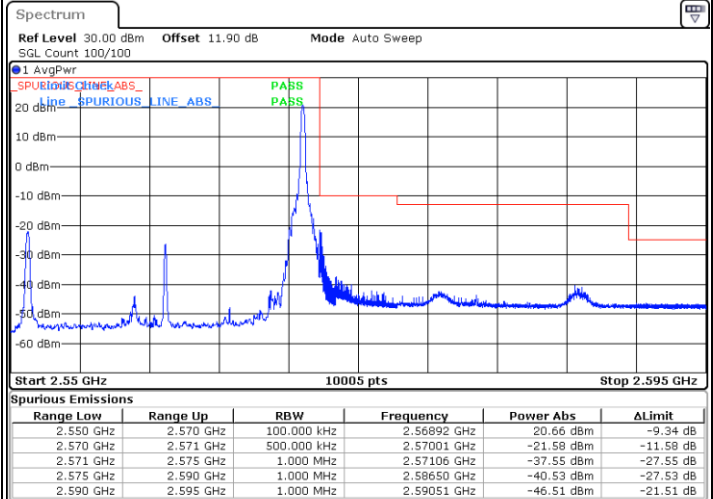


LTE Band 7 / 20MHz / 16QAM

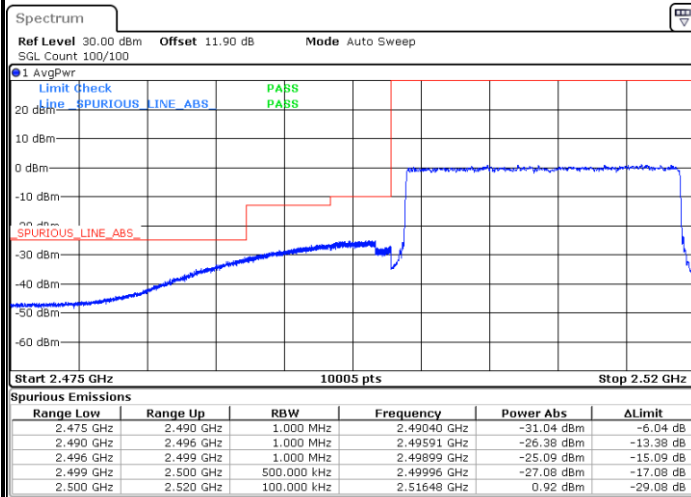
Lowest Band Edge / 1 RB



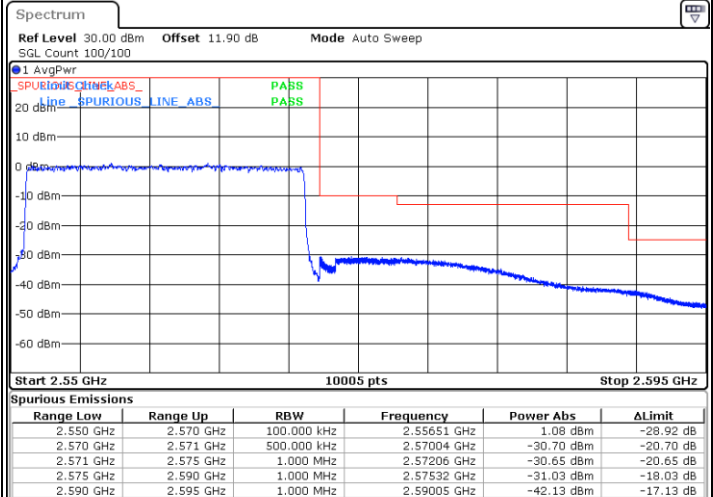
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



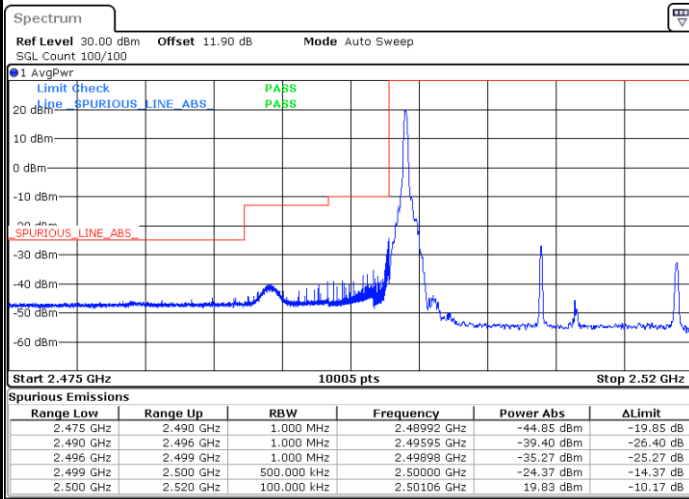
Highest Band Edge / Full RB



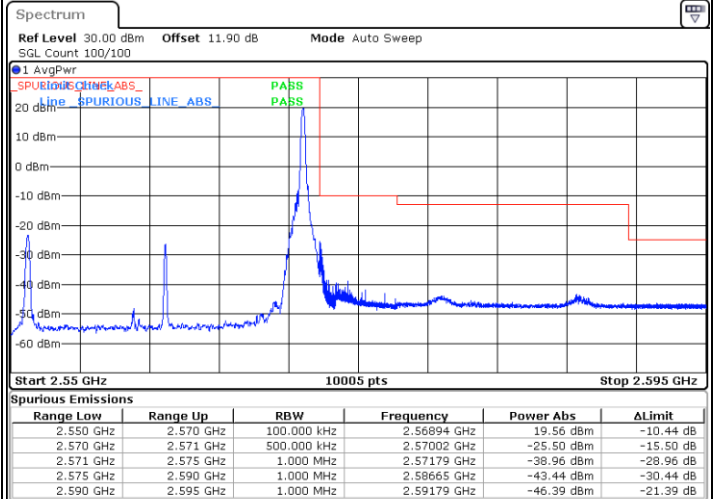


LTE Band 7 / 20MHz / 64QAM

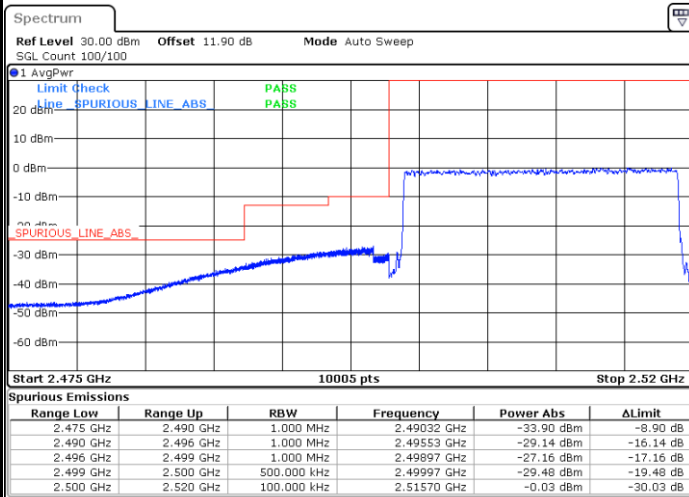
Lowest Band Edge / 1 RB



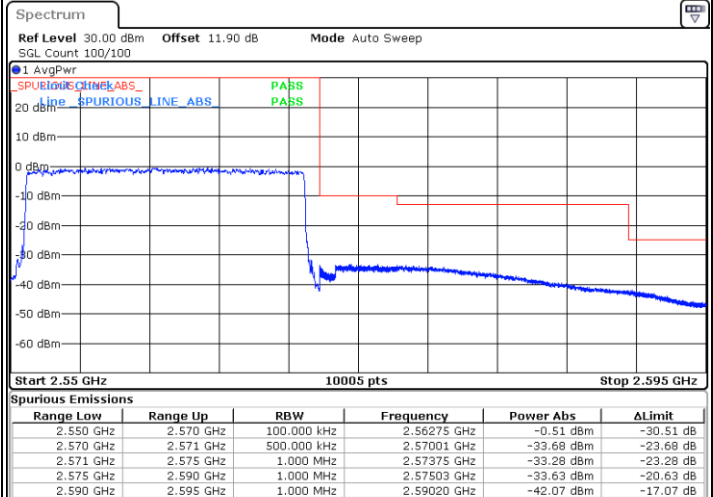
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

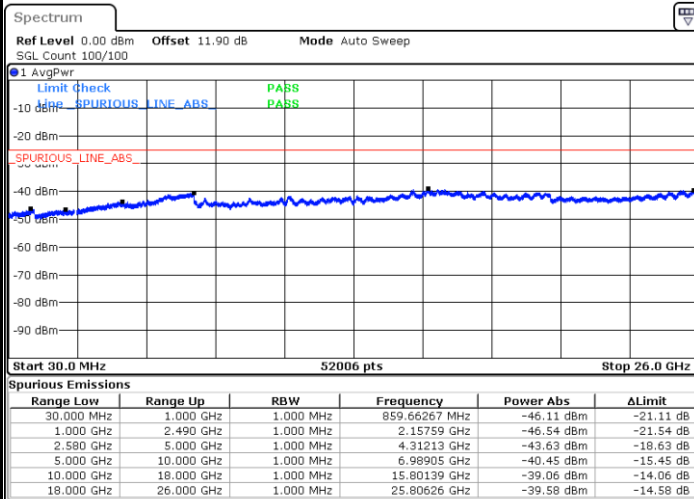




Conducted Spurious Emission

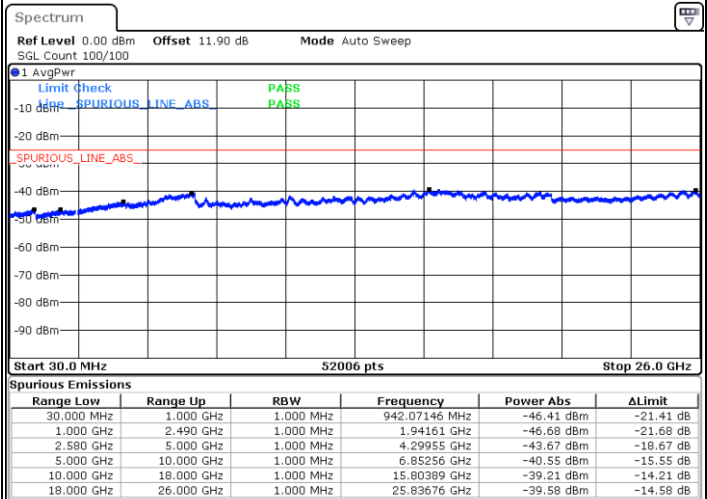
LTE Band 7 / 5MHz

Lowest Channel / QPSK



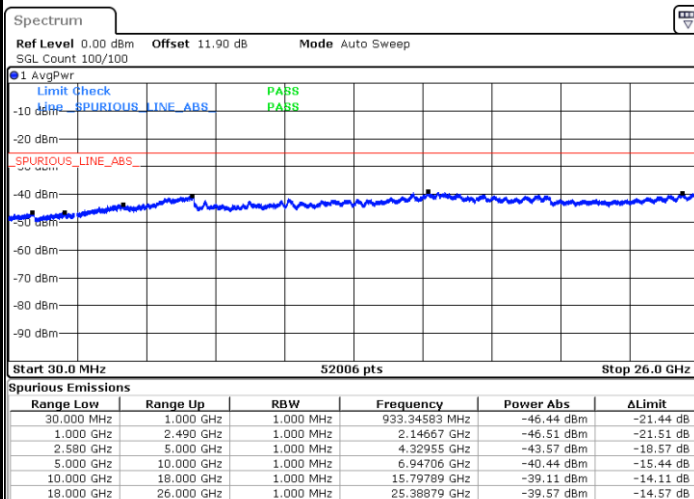
Date: 11.NOV.2019 23:05:44

Lowest Channel / 16QAM



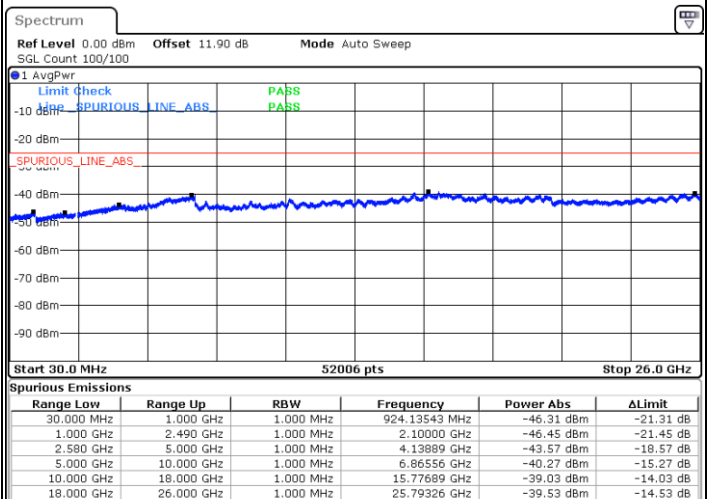
Date: 11.NOV.2019 23:06:27

Middle Channel / QPSK



Date: 11.NOV.2019 23:07:55

Middle Channel / 16QAM

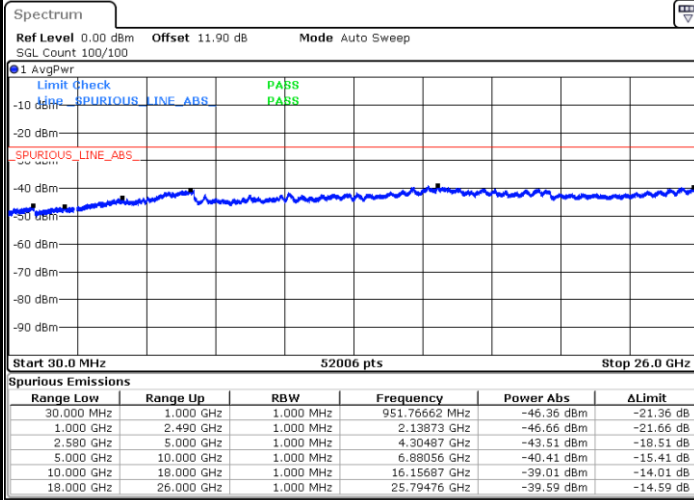


Date: 11.NOV.2019 23:08:38



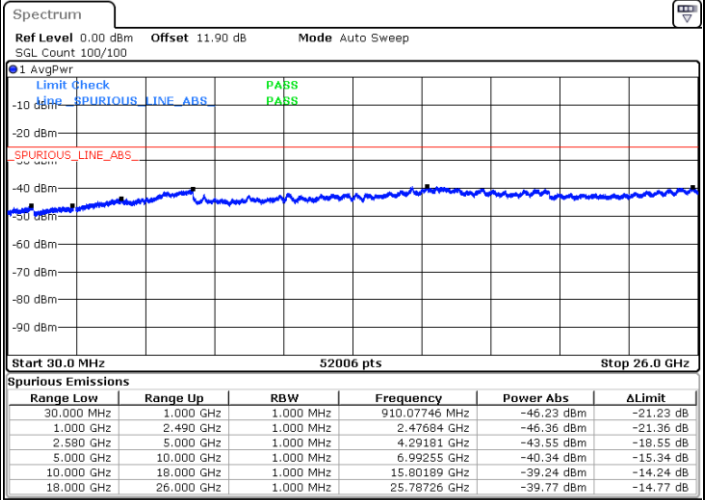
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 11.NOV.2019 23:12:46

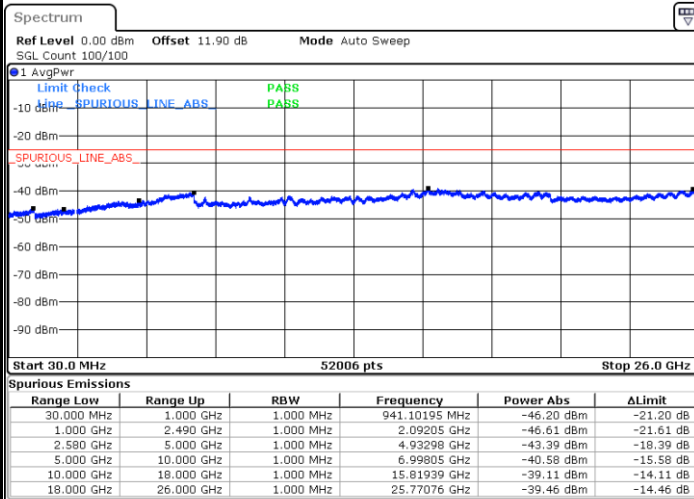
Highest Channel / 16QAM



Date: 11.NOV.2019 23:13:29

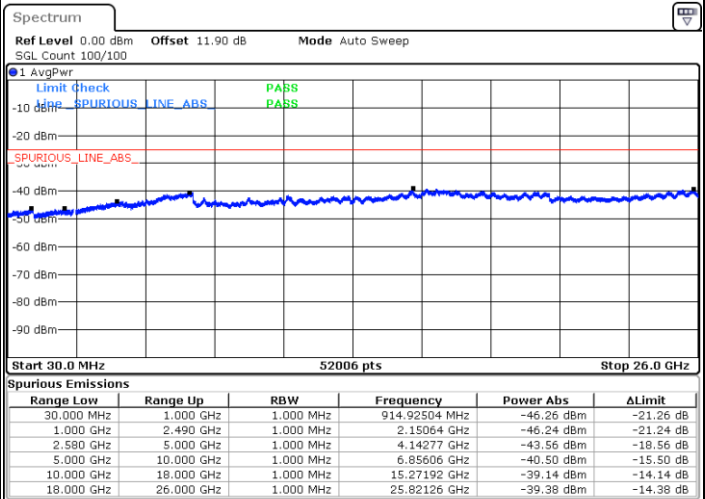
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 11.NOV.2019 23:23:34

Lowest Channel / 16QAM

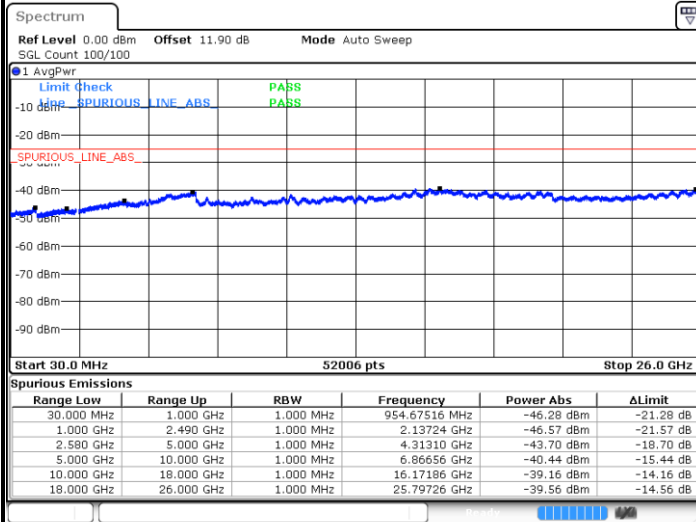


Date: 11.NOV.2019 23:24:17



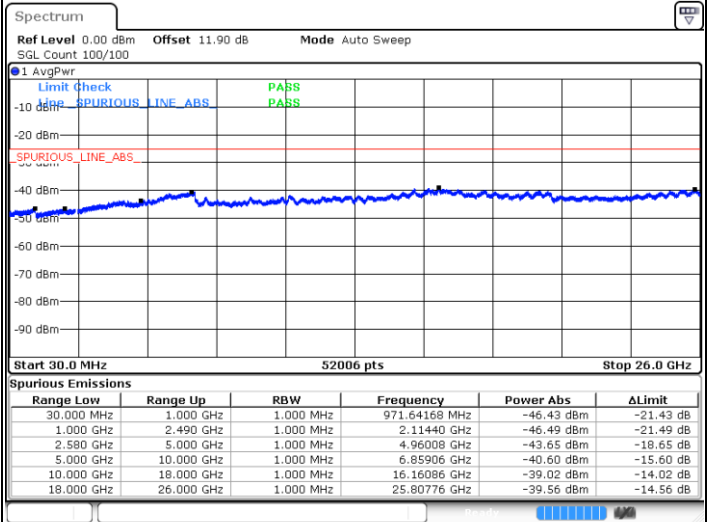
LTE Band 7 / 10MHz

Middle Channel / QPSK



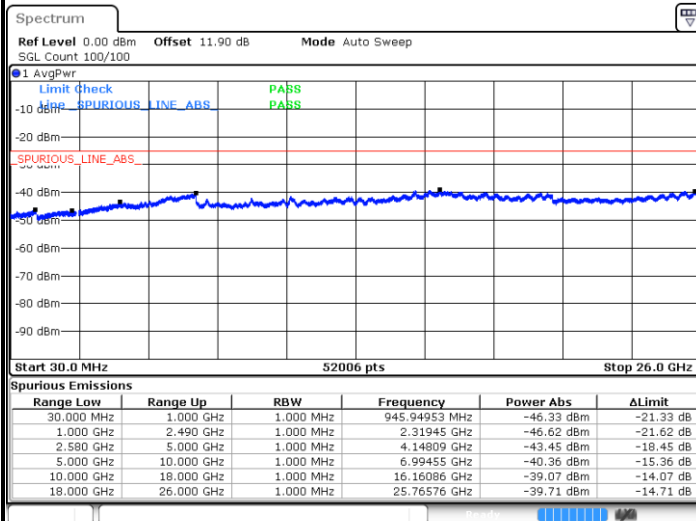
Date: 11.NOV.2019 23:25:45

Middle Channel / 16QAM



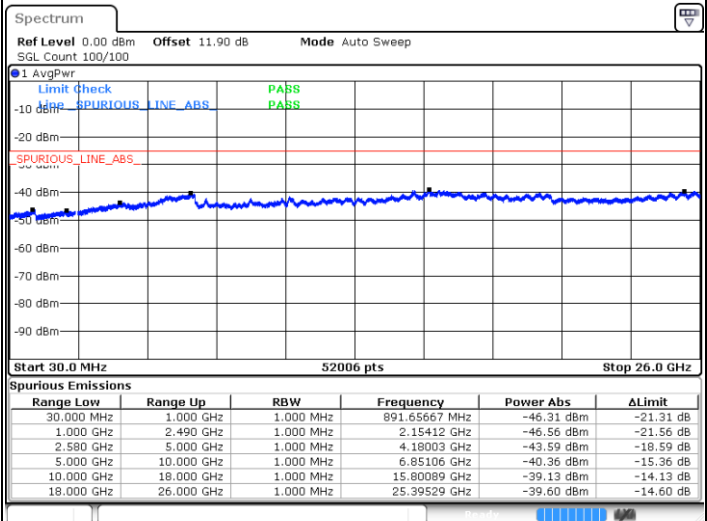
Date: 11.NOV.2019 23:26:27

Highest Channel / QPSK



Date: 11.NOV.2019 23:30:35

Highest Channel / 16QAM

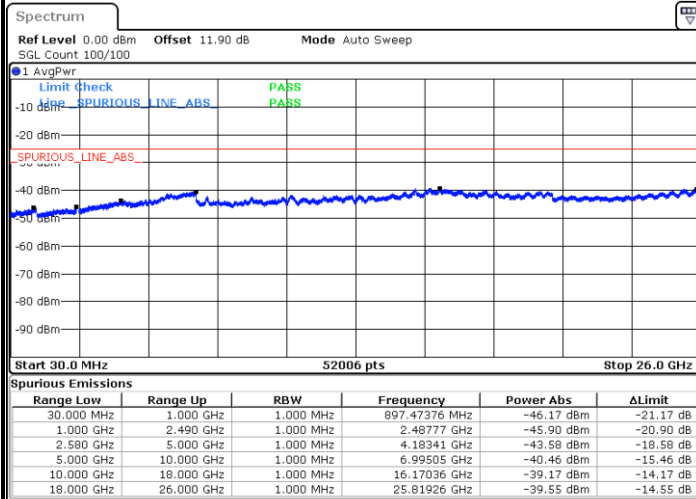


Date: 11.NOV.2019 23:31:18



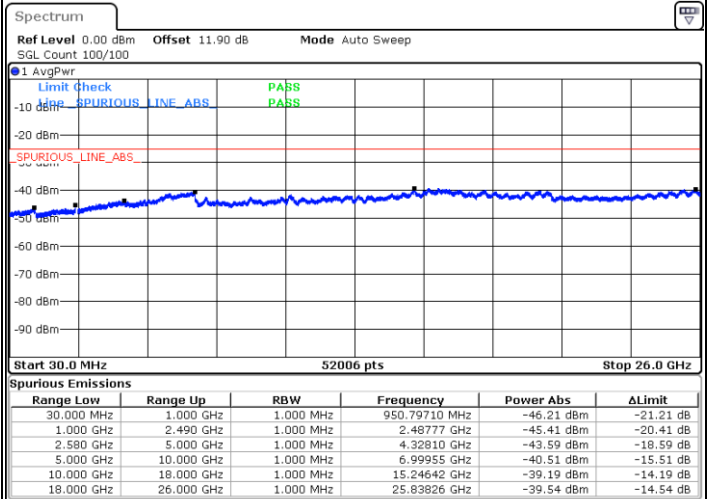
LTE Band 7 / 15MHz

Lowest Channel / QPSK



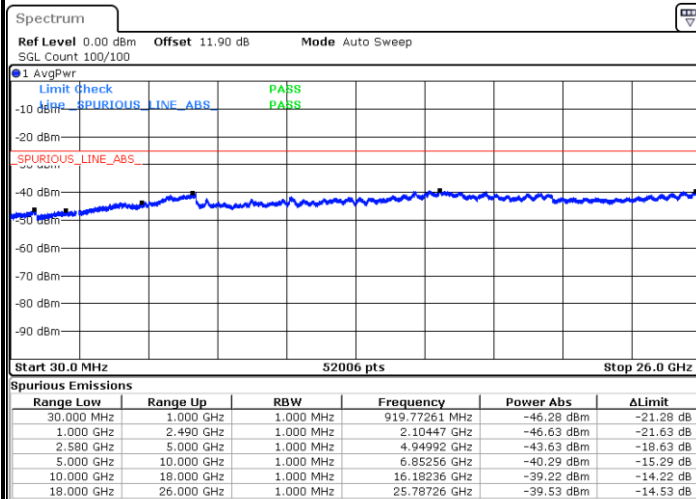
Date: 11.NOV.2019 23:41:24

Lowest Channel / 16QAM



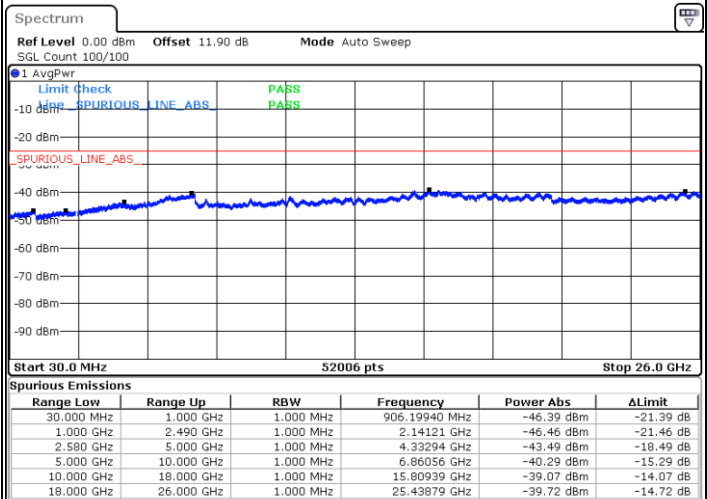
Date: 11.NOV.2019 23:42:07

Middle Channel / QPSK



Date: 11.NOV.2019 23:43:35

Middle Channel / 16QAM

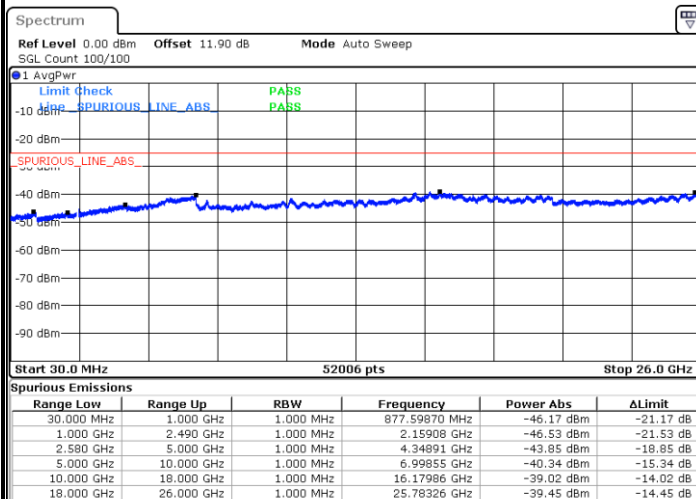


Date: 11.NOV.2019 23:44:17



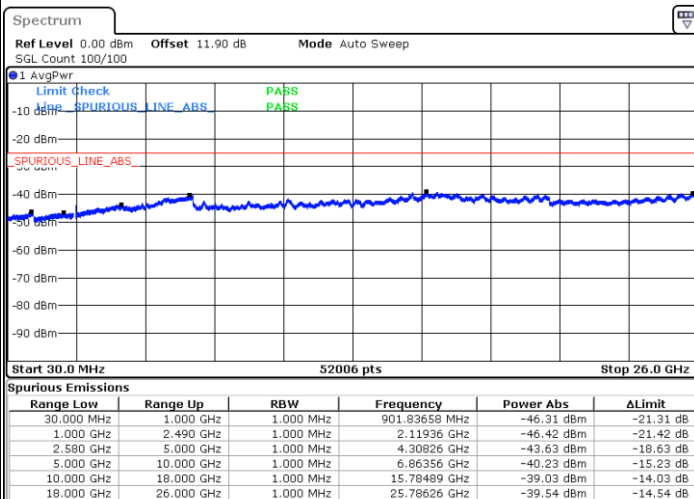
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 11.NOV.2019 23:48:25

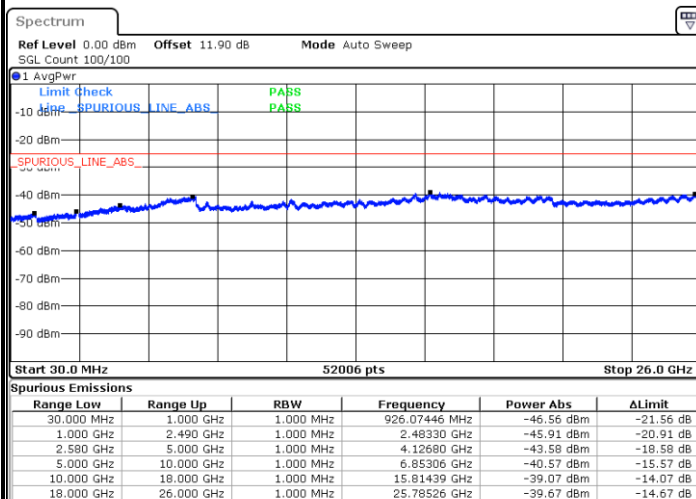
Highest Channel / 16QAM



Date: 11.NOV.2019 23:49:08

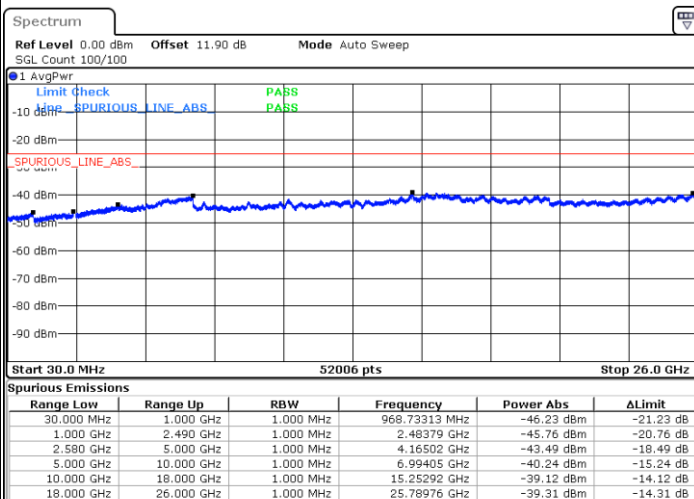
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 11.NOV.2019 23:59:15

Lowest Channel / 16QAM

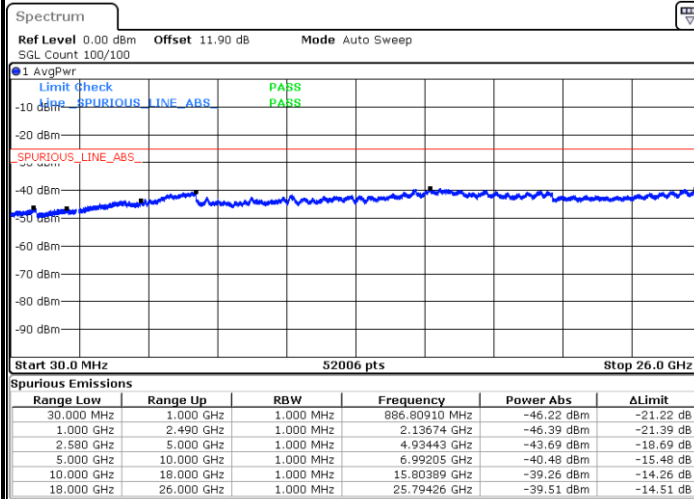


Date: 11.NOV.2019 23:59:58



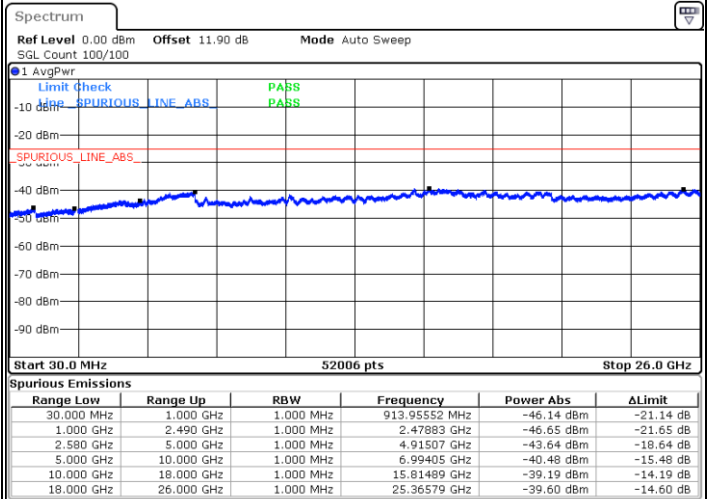
LTE Band 7 / 20MHz

Middle Channel / QPSK



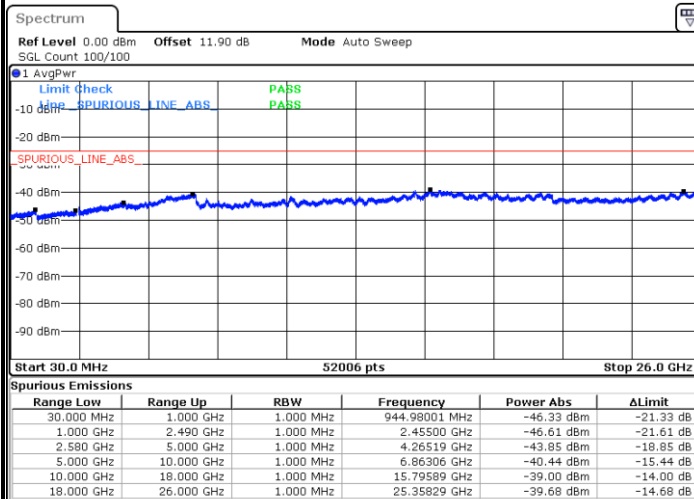
Date: 12 NOV 2019 00:01:26

Middle Channel / 16QAM



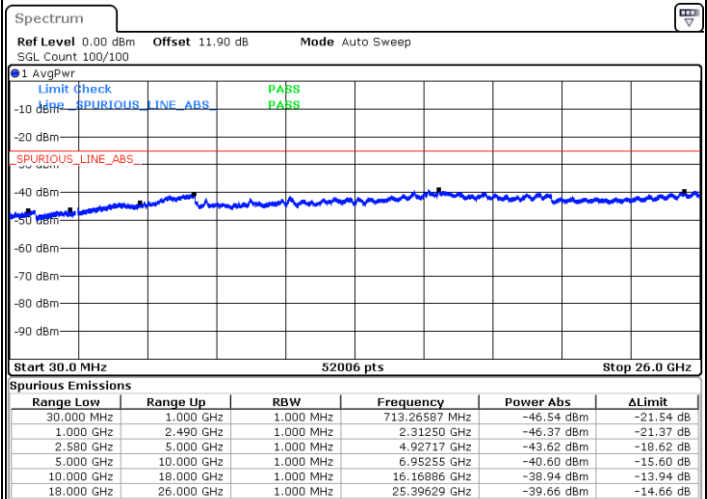
Date: 12 NOV 2019 00:02:08

Highest Channel / QPSK



Date: 12 NOV 2019 00:06:16

Highest Channel / 16QAM

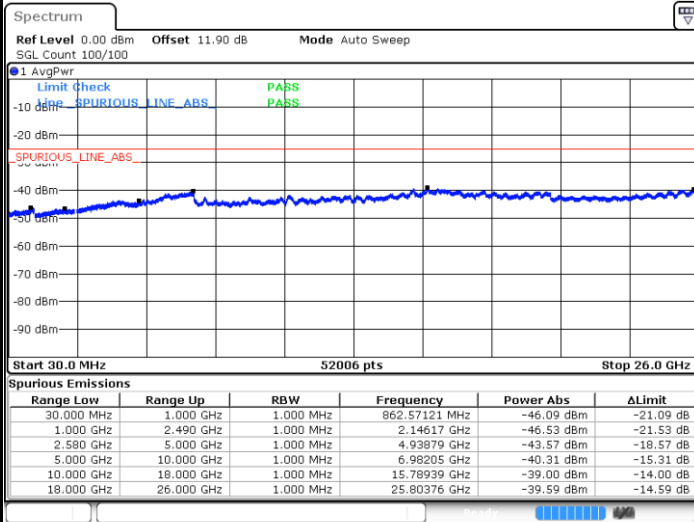


Date: 12 NOV 2019 00:06:59



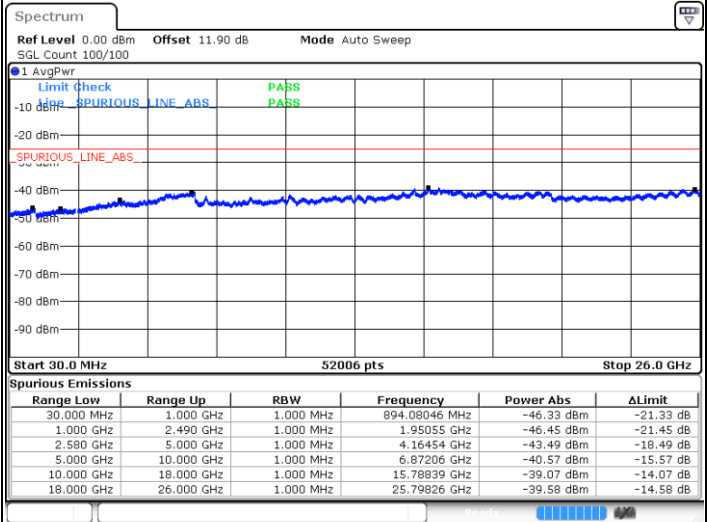
LTE Band 7 / 5MHz

Lowest Channel / 64QAM



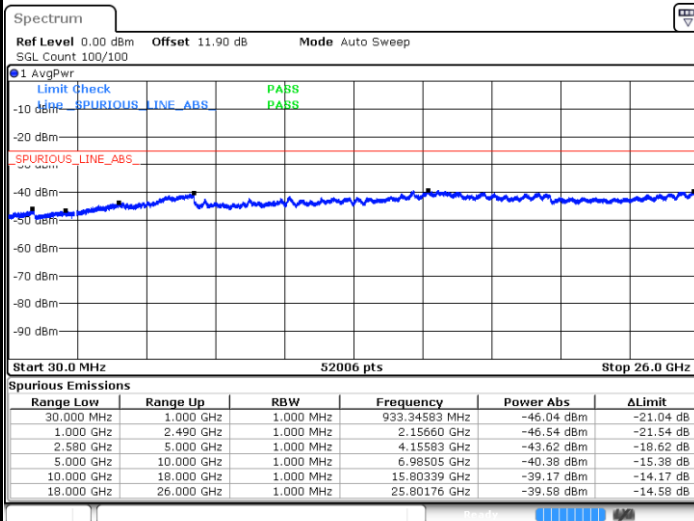
Date: 11.NOV.2019 23:15:55

Middle Channel / 64QAM



Date: 11.NOV.2019 23:17:00

Highest Channel / 64QAM

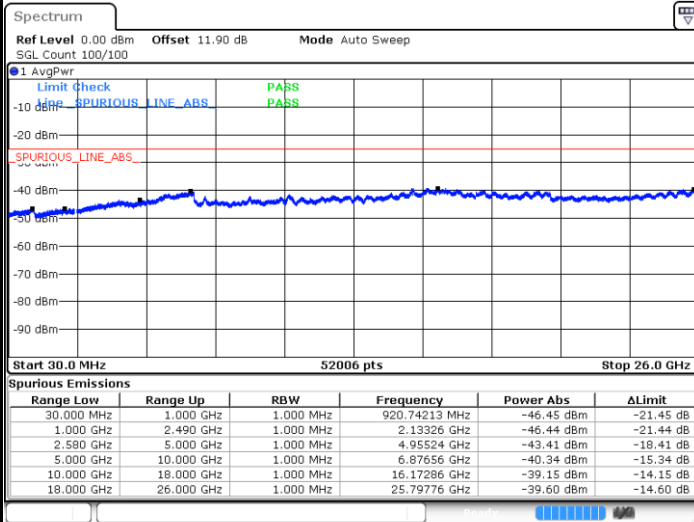


Date: 11.NOV.2019 23:19:25



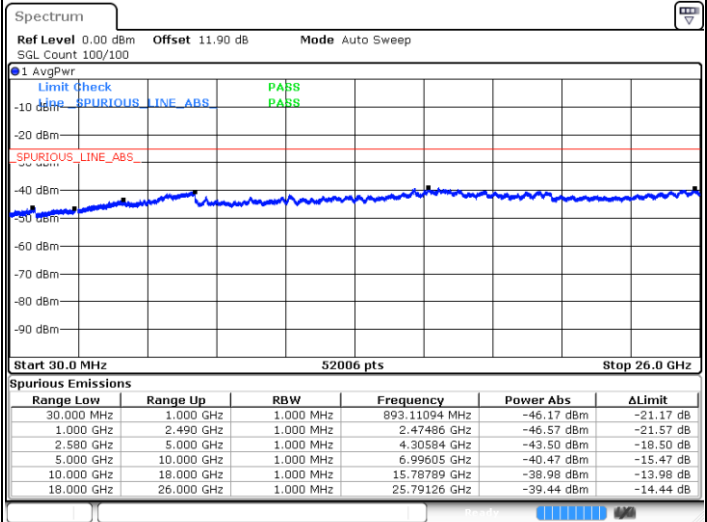
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



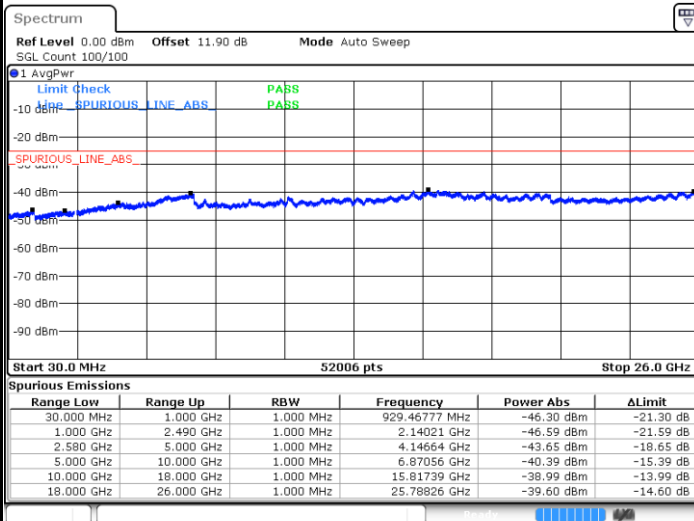
Date: 11.NOV.2019 23:33:44

Middle Channel / 64QAM



Date: 11.NOV.2019 23:34:49

Highest Channel / 64QAM

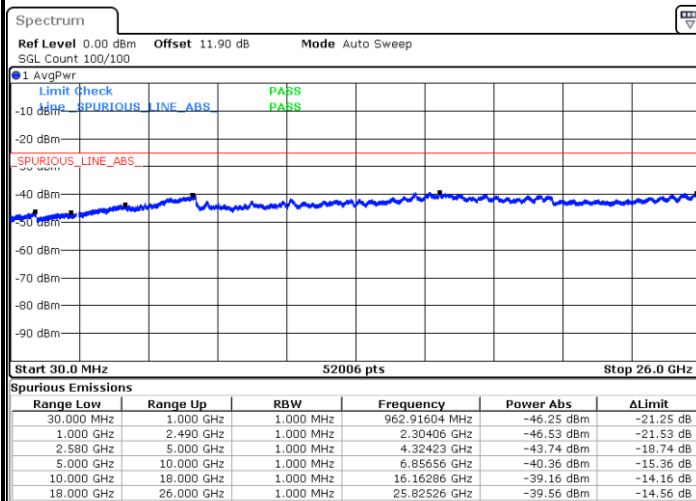


Date: 11.NOV.2019 23:37:14



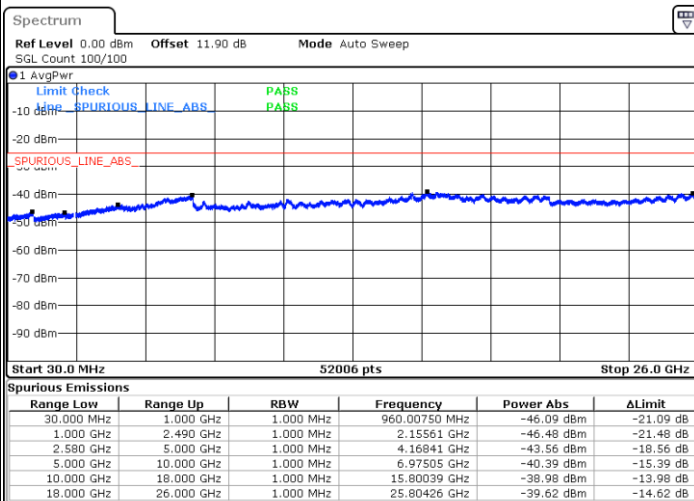
LTE Band 7 / 15MHz

Lowest Channel / 64QAM



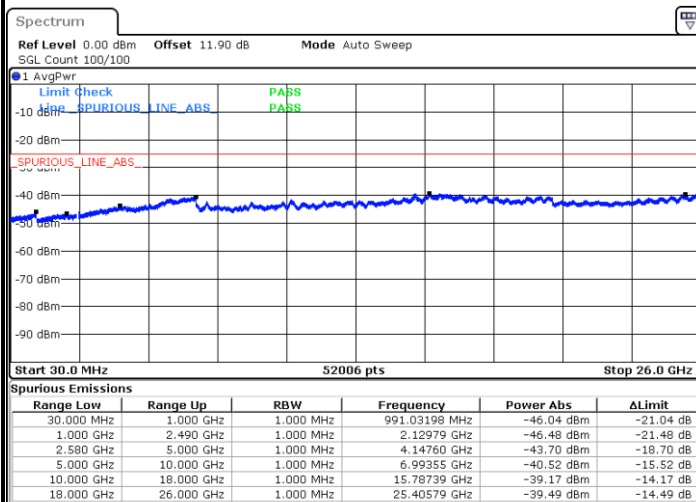
Date: 11.NOV.2019 23:51:35

Middle Channel / 64QAM



Date: 11.NOV.2019 23:52:39

Highest Channel / 64QAM

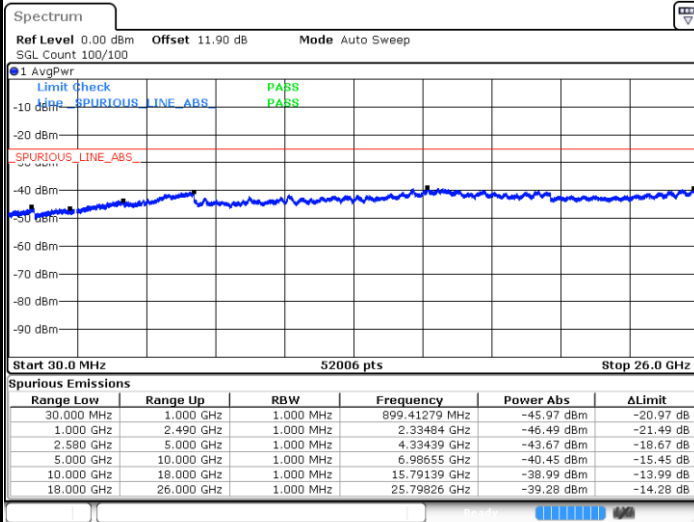


Date: 11.NOV.2019 23:55:05



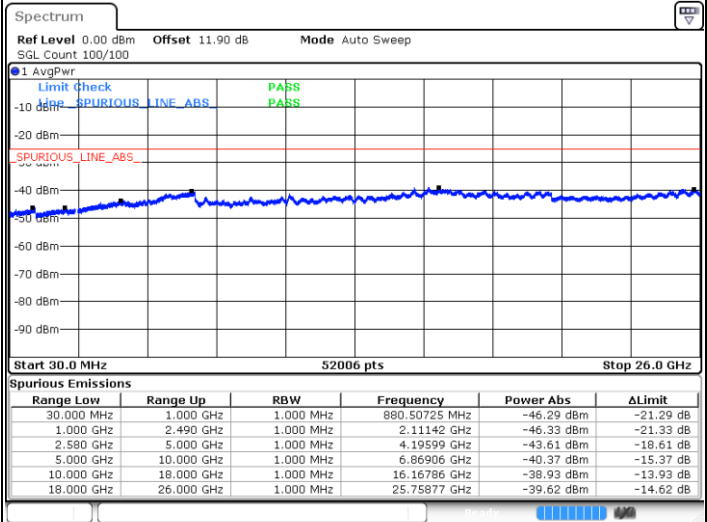
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



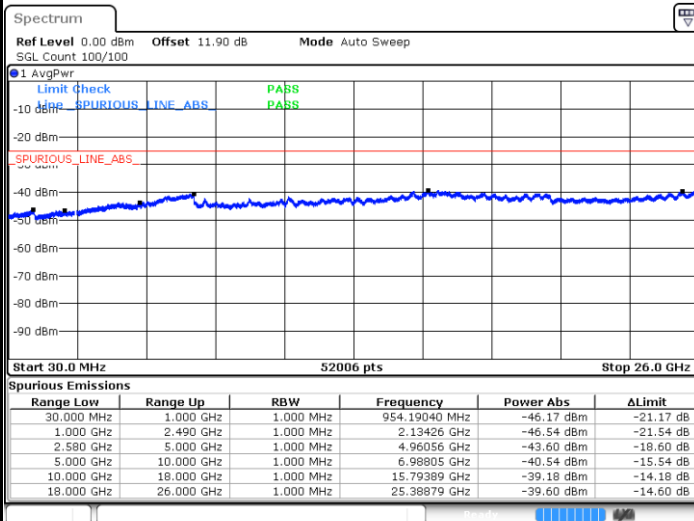
Date: 12 NOV 2019 00:09:26

Middle Channel / 64QAM



Date: 12 NOV 2019 00:10:31

Highest Channel / 64QAM



Date: 12 NOV 2019 00:12:56

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	n/a	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0060	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. By manufacturer declaration, EUT will automatically inhibit from operating outside the lesser temperature range. (when temperature lower than -20 °C, EUT will be shut down automatically)



LTE Band 7C_CA

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.85	25.23	30.69	34.76
Middle CH	29.73	25.23	30.63	34.76
Highest CH	29.79	25.28	30.45	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.83	39.72	-
Middle CH	29.85	34.76	39.88	-
Highest CH	30.03	35.04	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.85	25.38	30.63	34.76
Middle CH	29.67	25.18	30.57	34.76
Highest CH	29.91	25.28	30.45	34.69
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.76	39.64	-
Middle CH	30.03	34.97	39.64	-
Highest CH	29.97	34.97	39.80	-

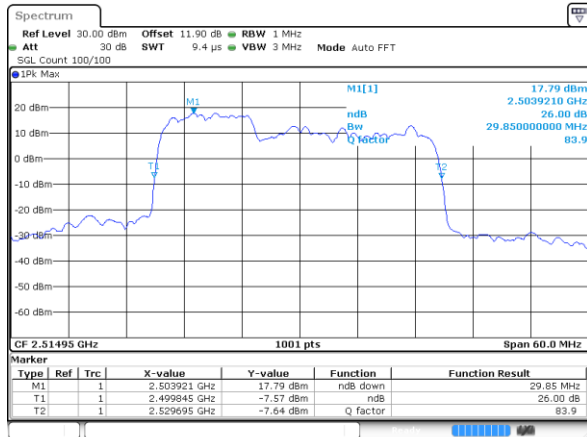
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.85	25.18	30.51	34.76
Middle CH	29.73	25.18	30.51	34.69
Highest CH	29.85	25.18	30.33	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.83	39.72	-
Middle CH	30.09	34.69	39.64	-
Highest CH	29.97	34.83	39.72	-



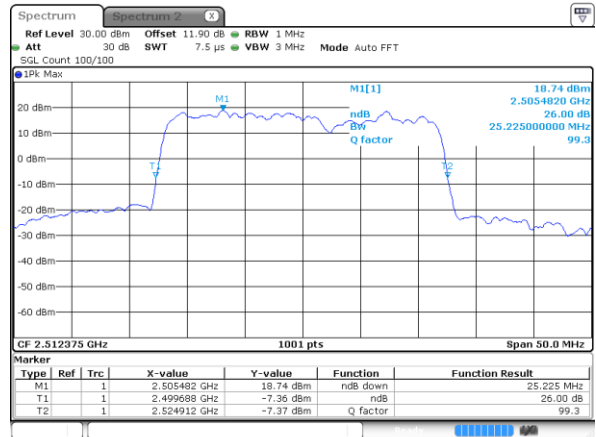
LTE Band 7C

QPSK

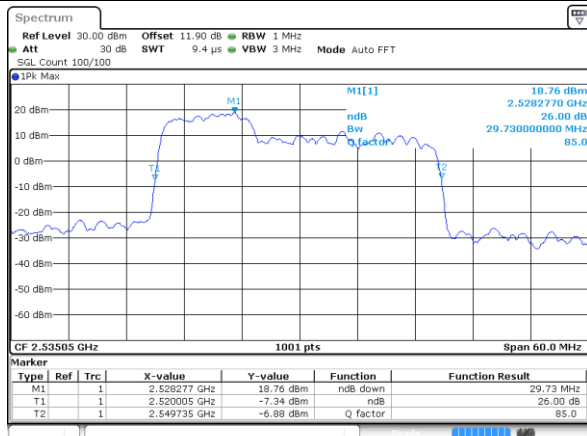
Lowest Channel / 10MHz+20MHz



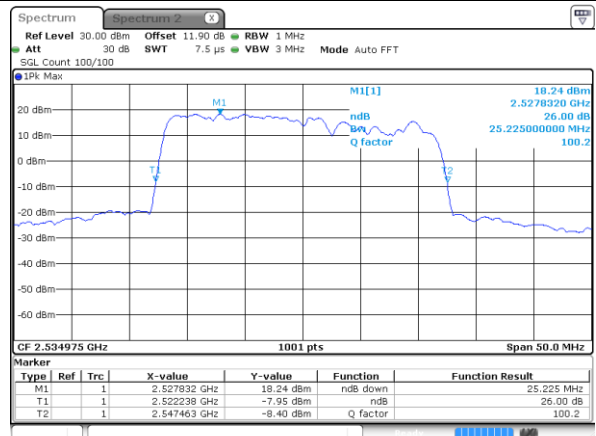
Lowest Channel / 15MHz+10MHz



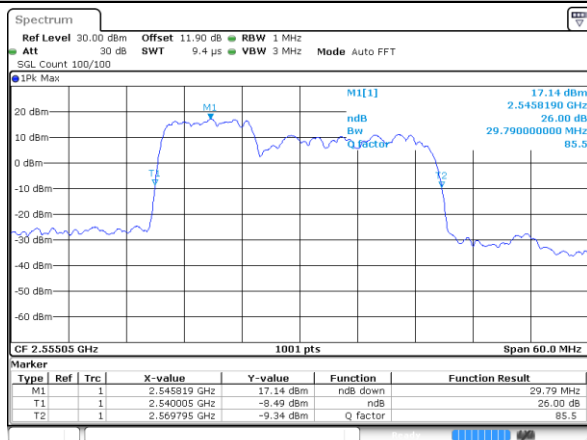
Middle Channel / 10MHz+20MHz



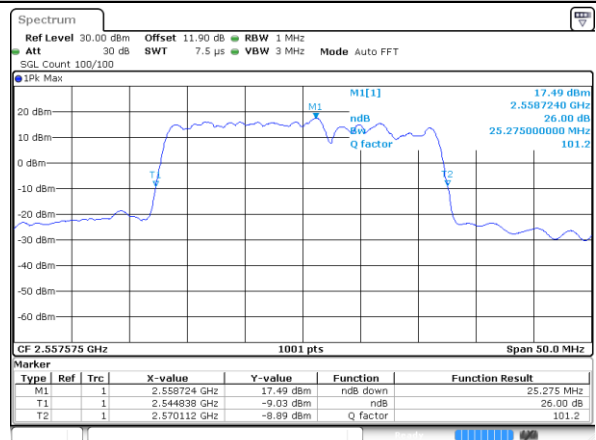
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

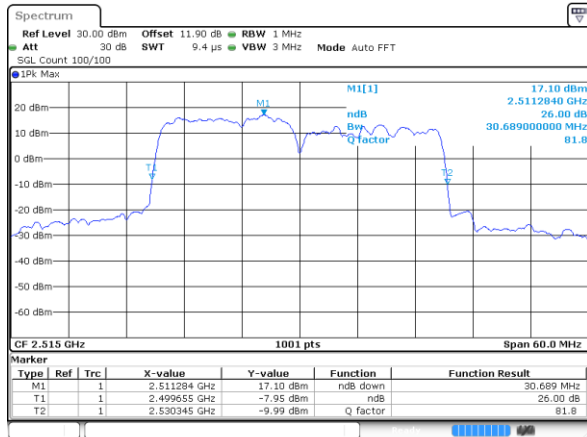




LTE Band 7C

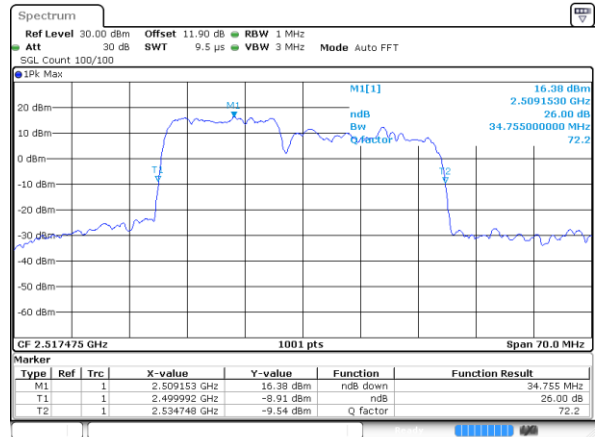
QPSK

Lowest Channel / 15MHz+15MHz



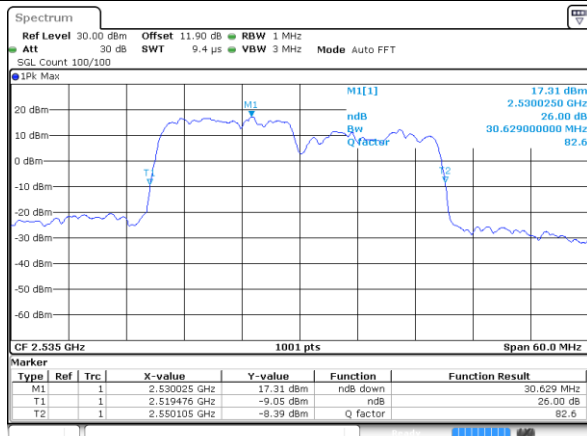
Date: 12 NOV 2019 22:44:47

Lowest Channel / 15MHz+20MHz



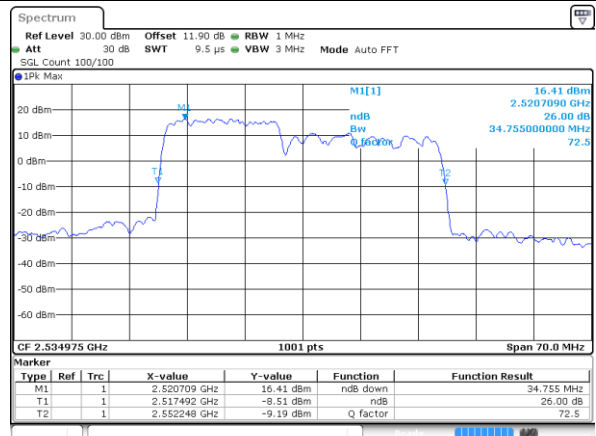
Date: 12 NOV 2019 23:39:56

Middle Channel / 15MHz+15MHz



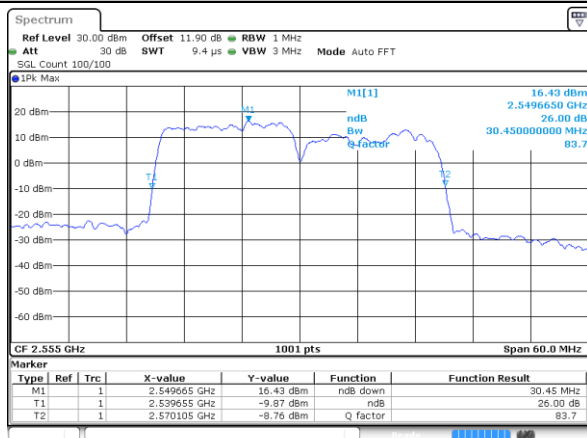
Date: 12 NOV 2019 23:04:35

Middle Channel / 15MHz+20MHz



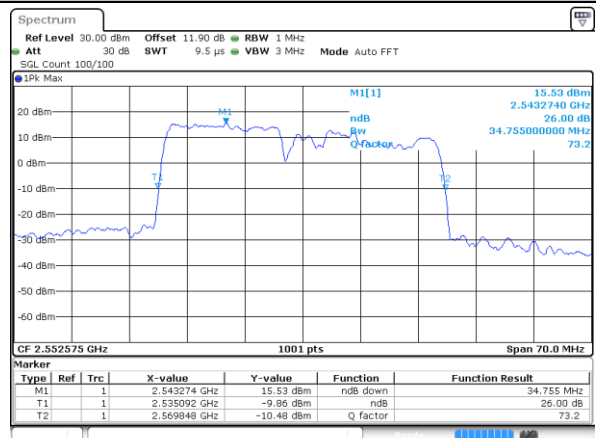
Date: 13 NOV 2019 00:02:32

Highest Channel / 15MHz+15MHz



Date: 12 NOV 2019 23:16:48

Highest Channel / 15MHz+20MHz



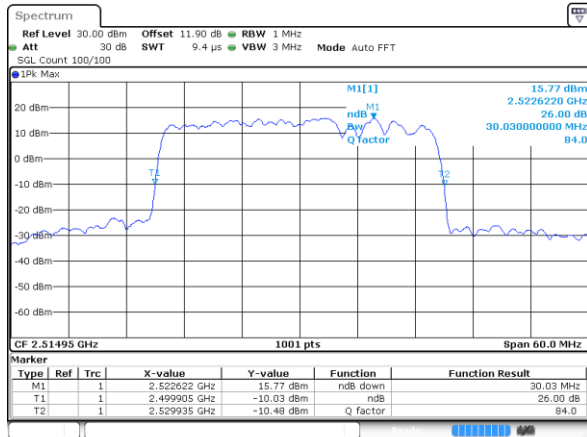
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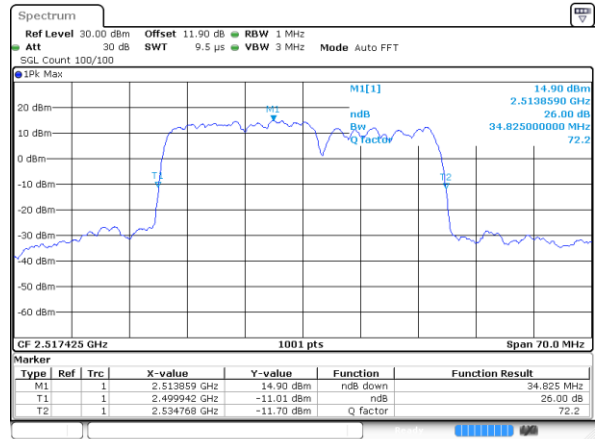
LTE Band 7C

QPSK

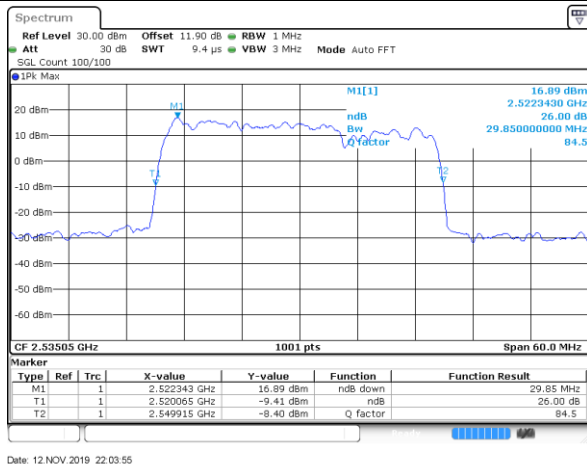
Lowest Channel / 20MHz+10MHz



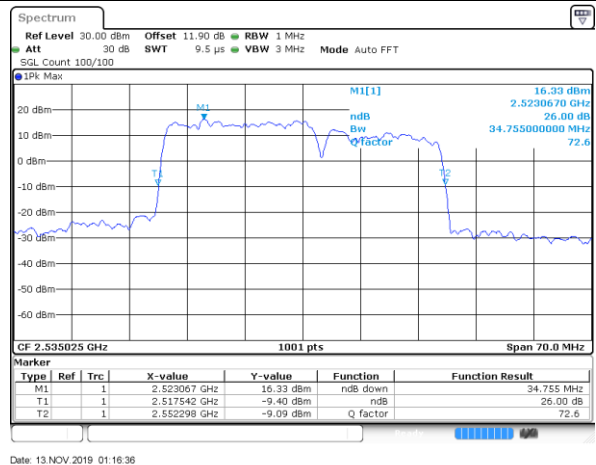
Lowest Channel / 20MHz+15MHz



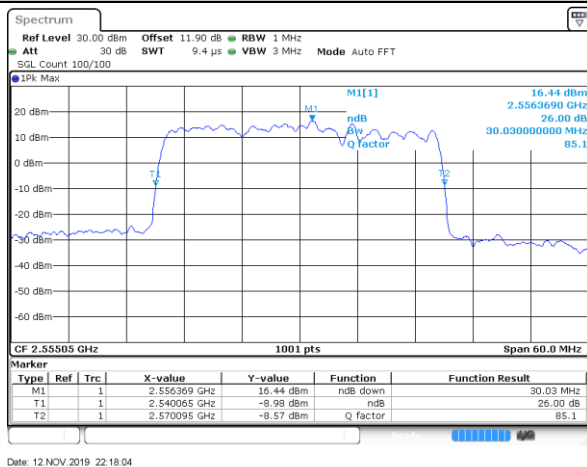
Middle Channel / 20MHz+10MHz



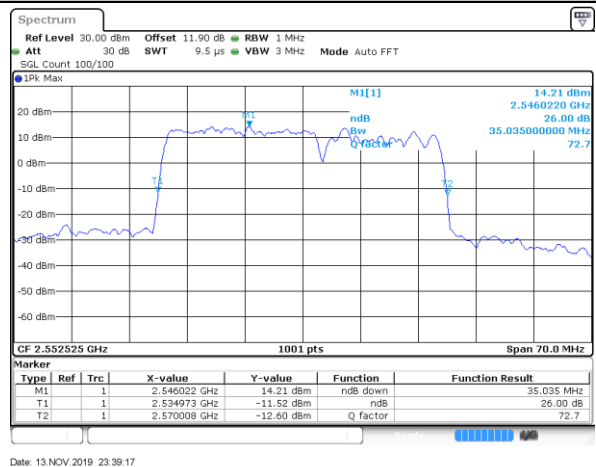
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



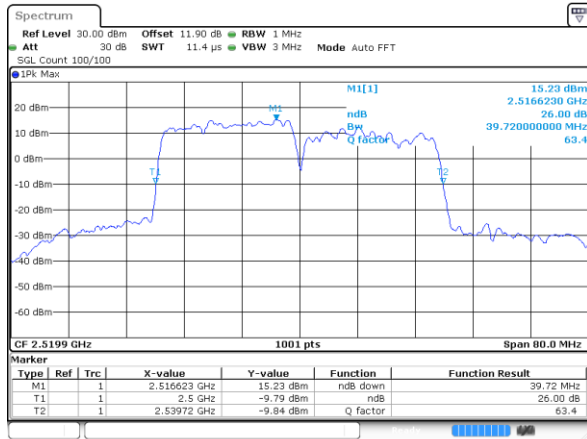


LTE Band 7C

QPSK

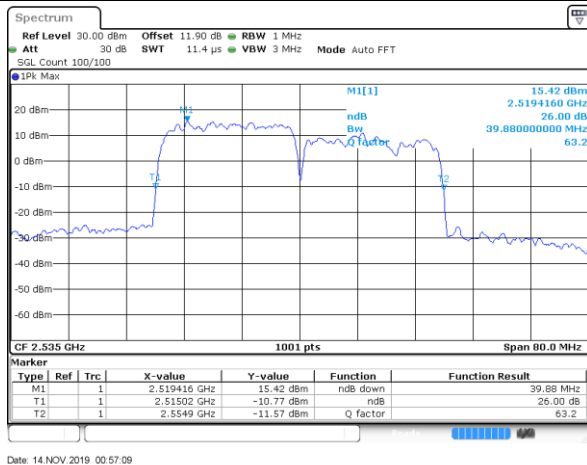
Lowest Channel / 20MHz+20MHz

N/A



Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

