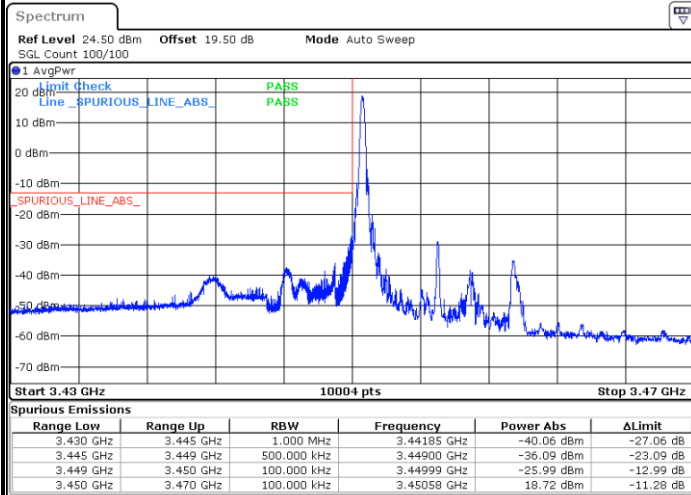


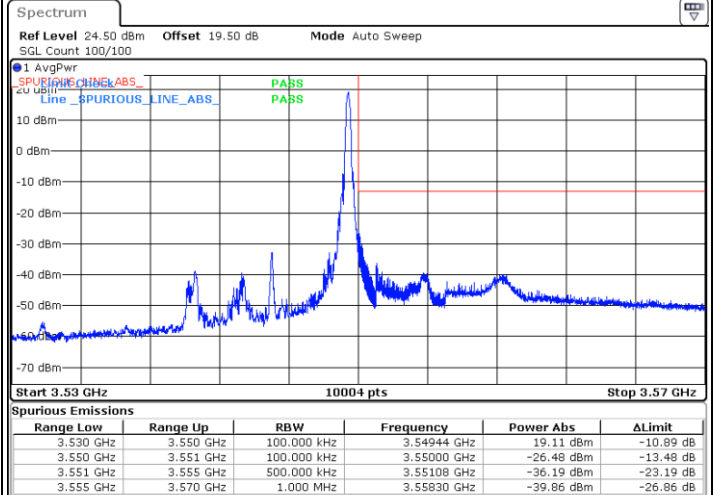


LTE Band 42 / 10MHz / QPSK

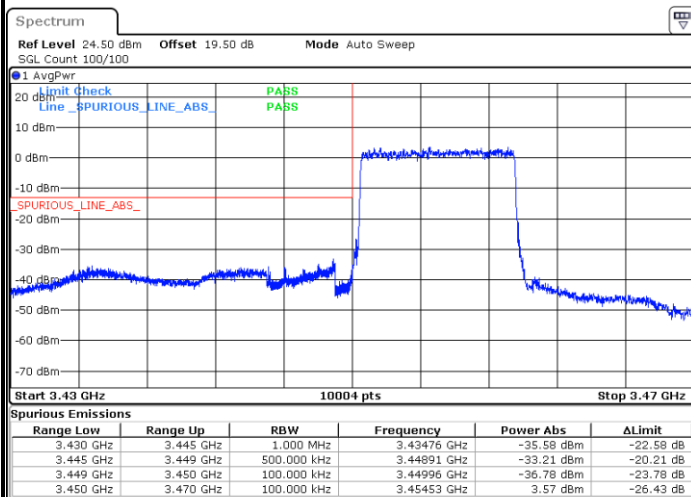
Lowest Band Edge / 1 RB



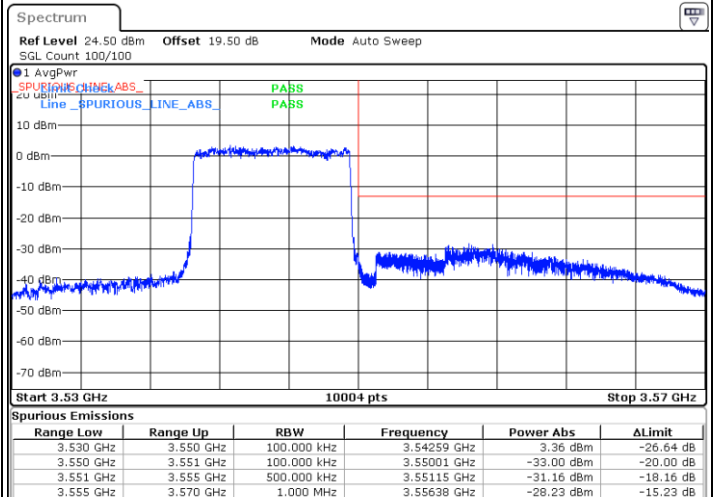
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



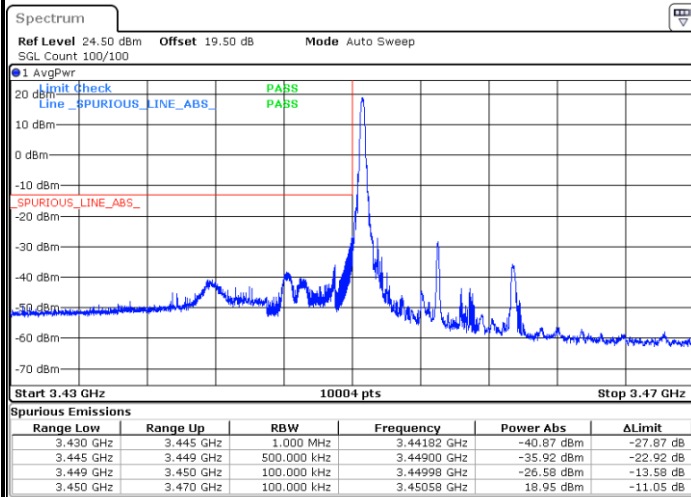
Highest Band Edge / Full RB



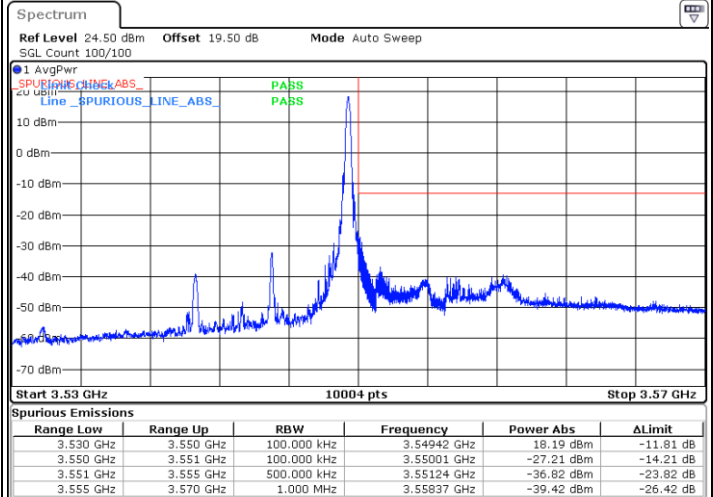


LTE Band 42 / 10MHz / 16QAM

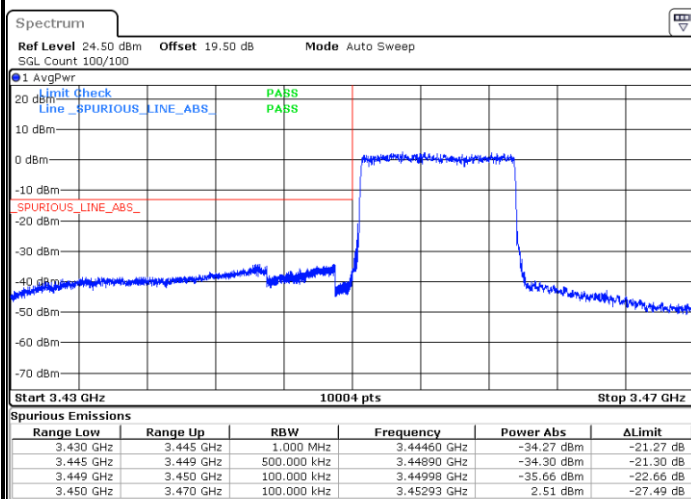
Lowest Band Edge / 1 RB



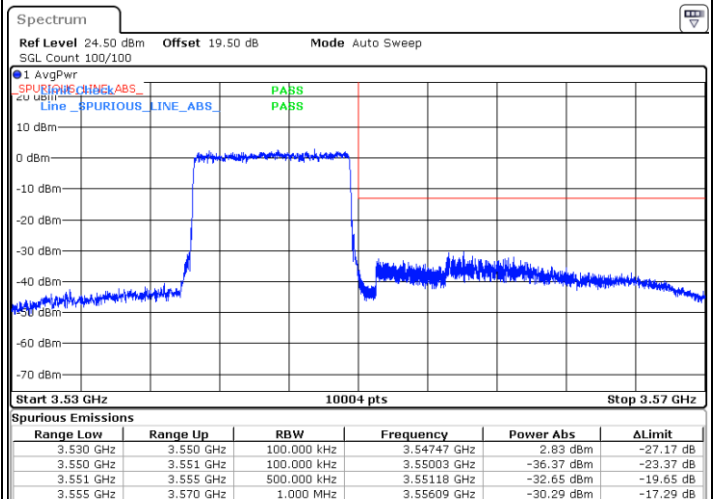
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



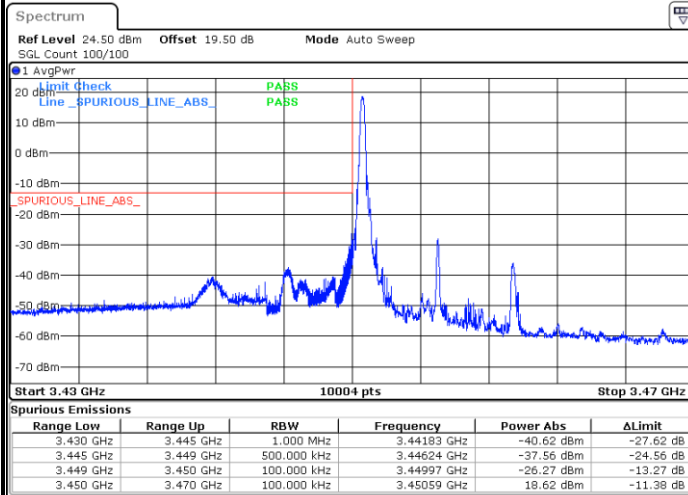
Highest Band Edge / Full RB



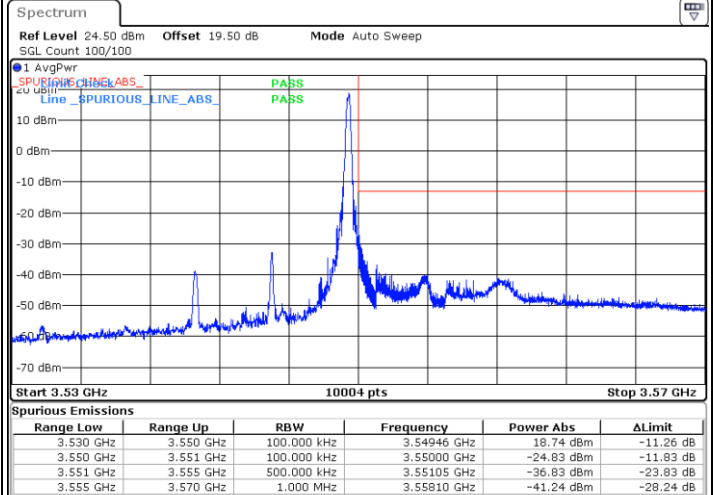


LTE Band 42 / 10MHz / 64QAM

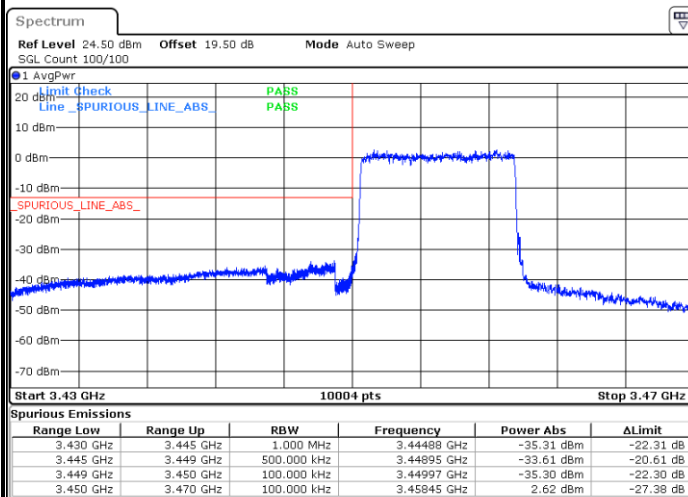
Lowest Band Edge / 1 RB



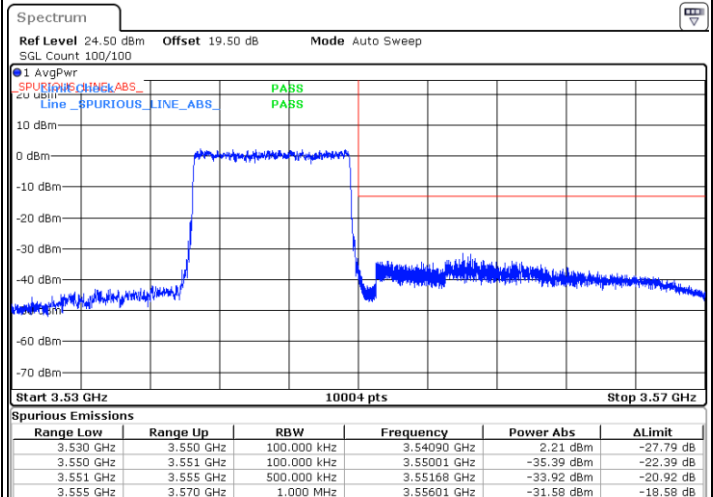
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



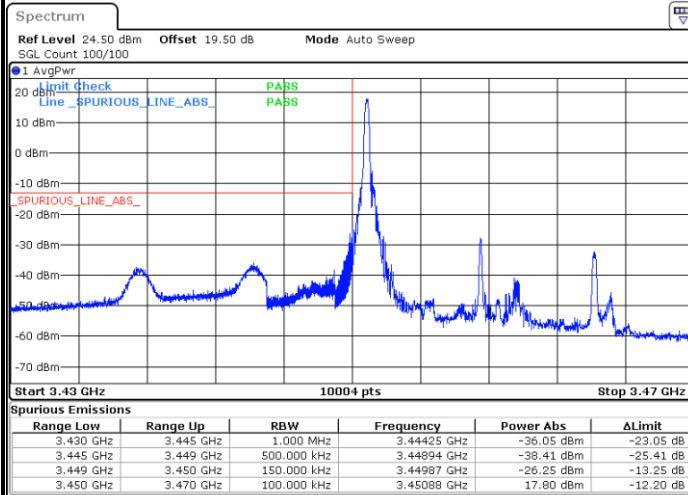
Highest Band Edge / Full RB



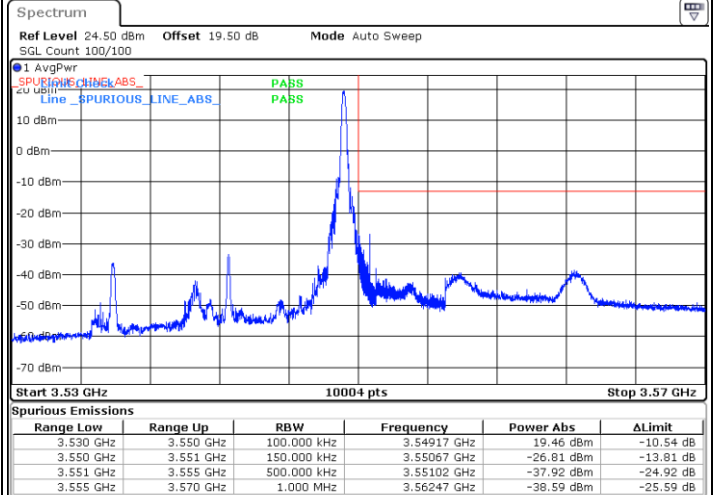


LTE Band 42 / 15MHz / QPSK

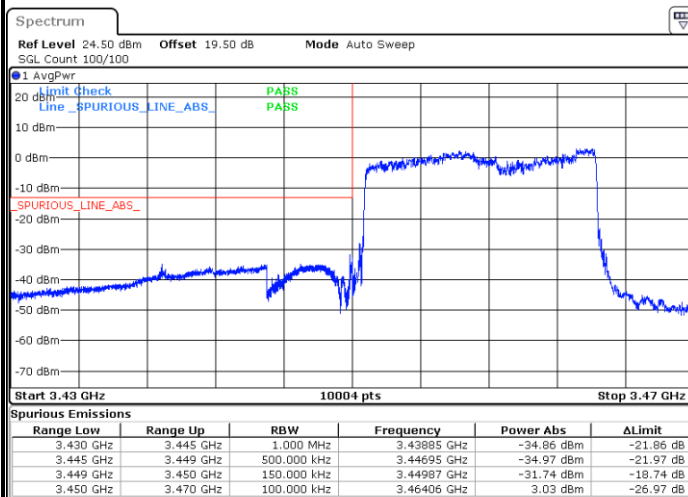
Lowest Band Edge / 1 RB



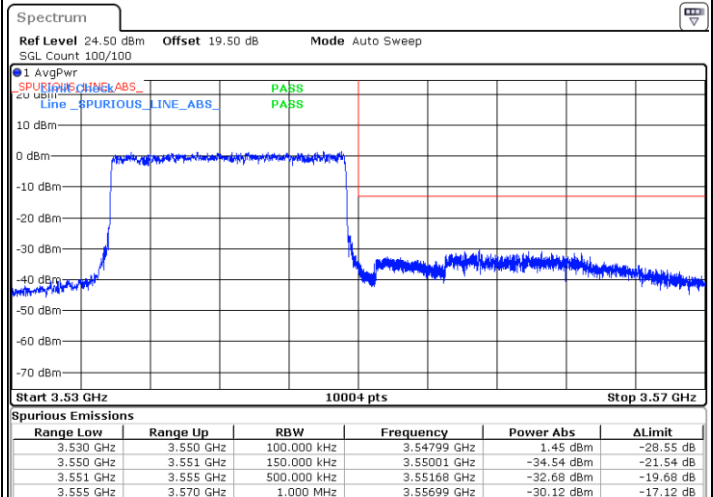
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



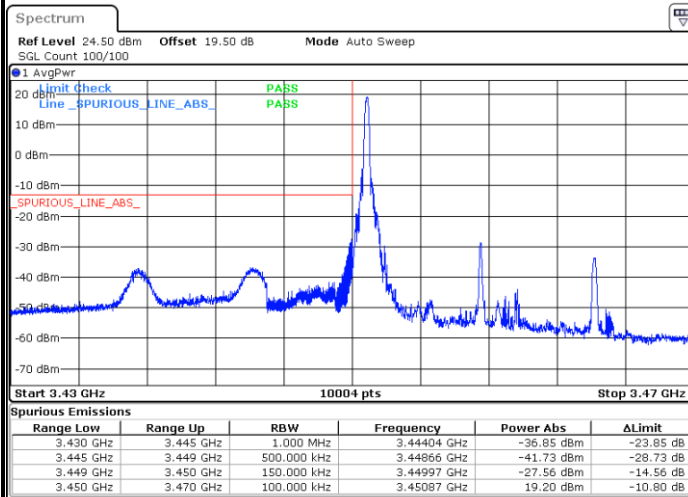
Highest Band Edge / Full RB



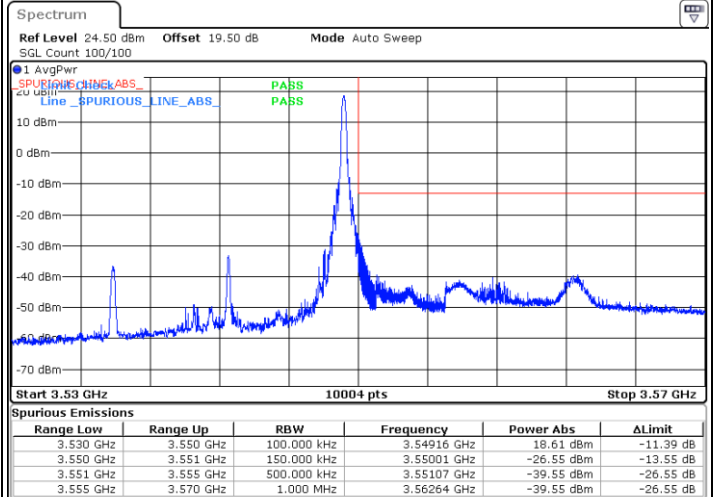


LTE Band 42 / 15MHz / 16QAM

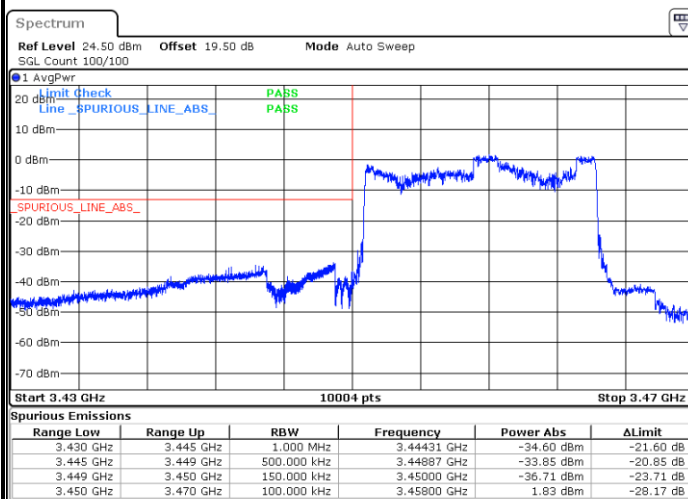
Lowest Band Edge / 1 RB



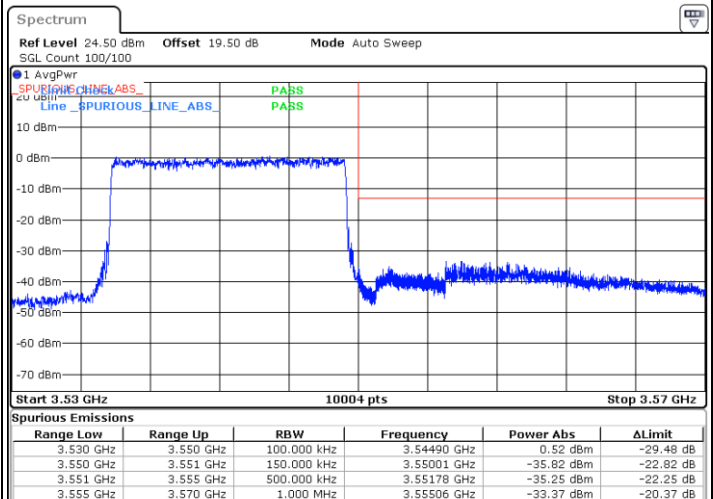
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



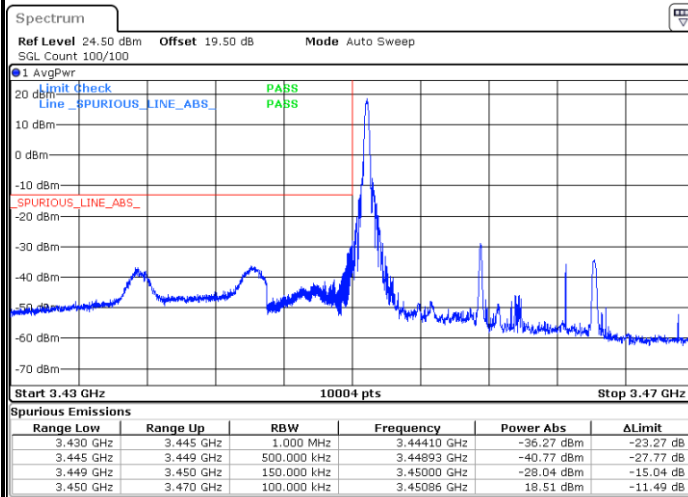
Highest Band Edge / Full RB



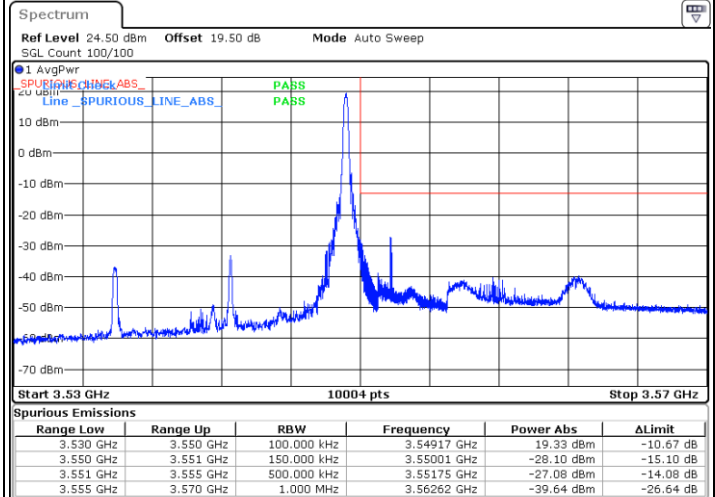


LTE Band 42 / 15MHz / 64QAM

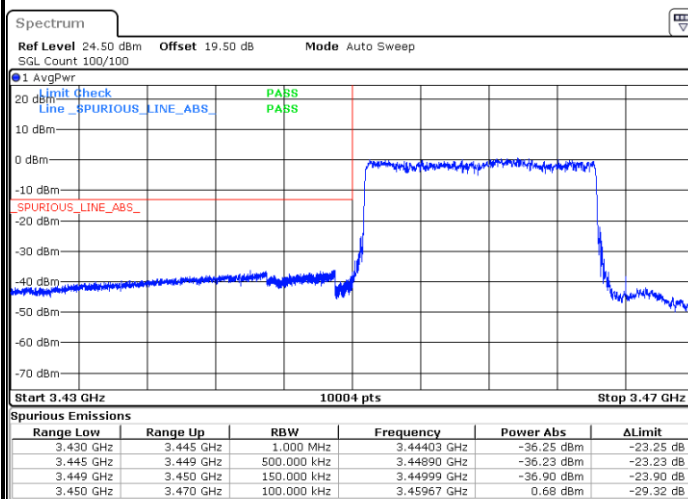
Lowest Band Edge / 1 RB



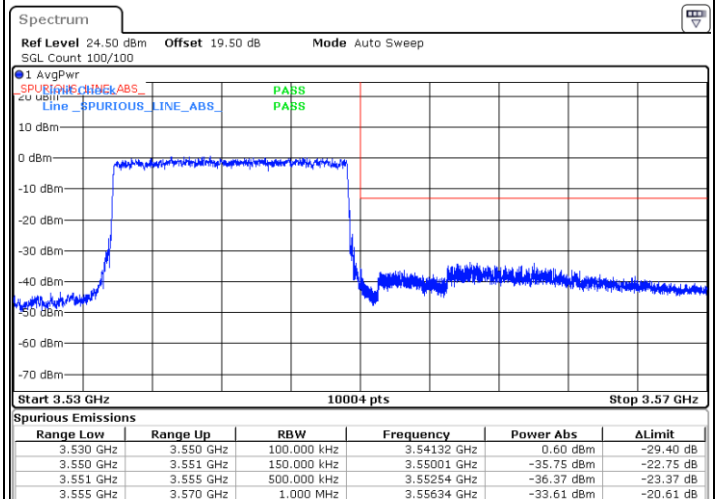
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



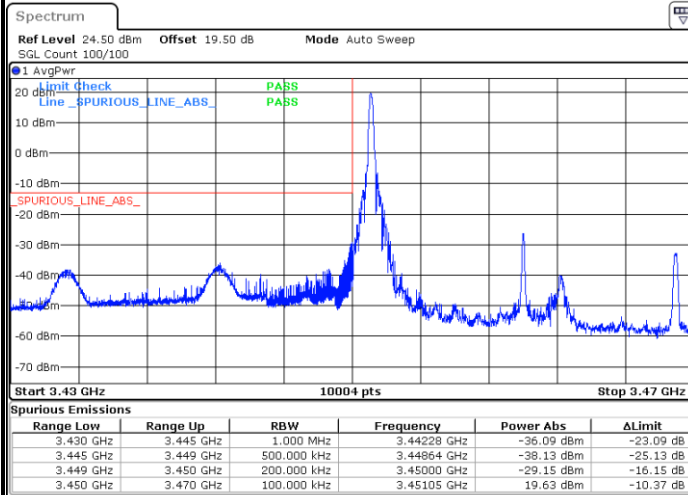
Highest Band Edge / Full RB



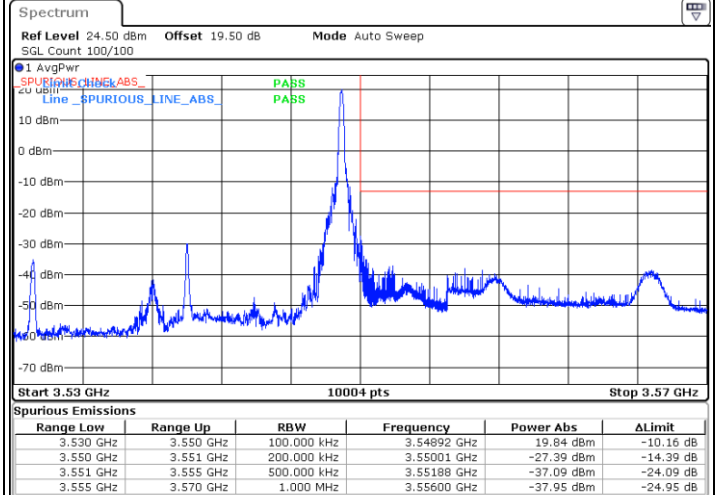


LTE Band 42 / 20MHz / QPSK

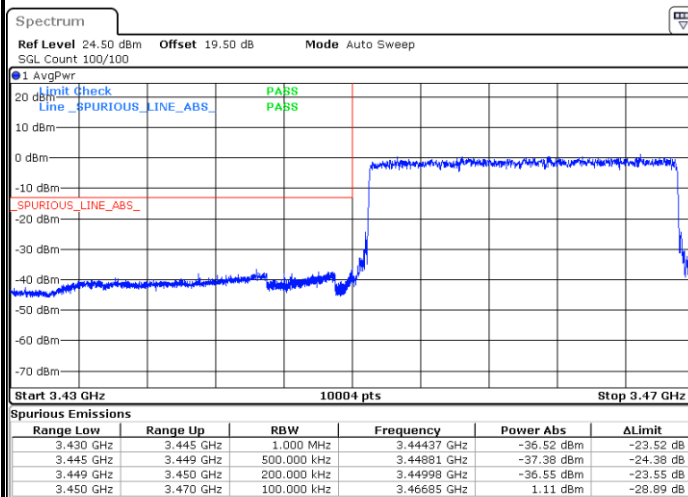
Lowest Band Edge / 1 RB



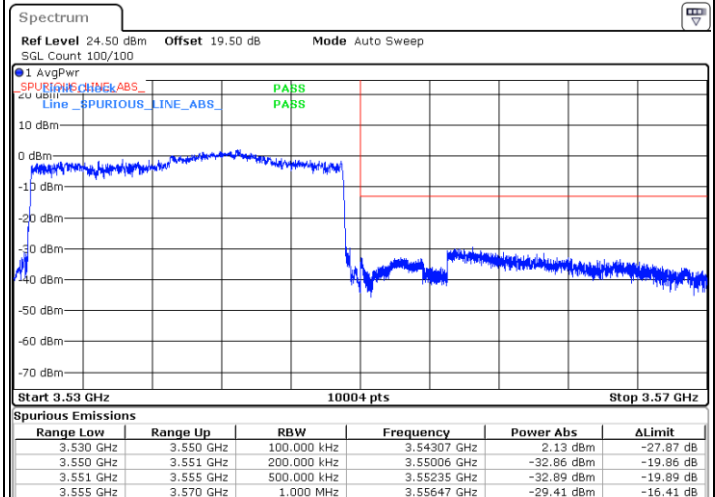
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



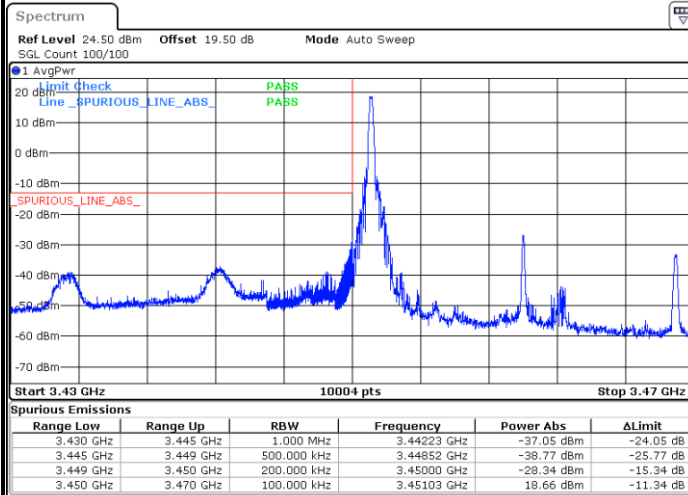
Highest Band Edge / Full RB



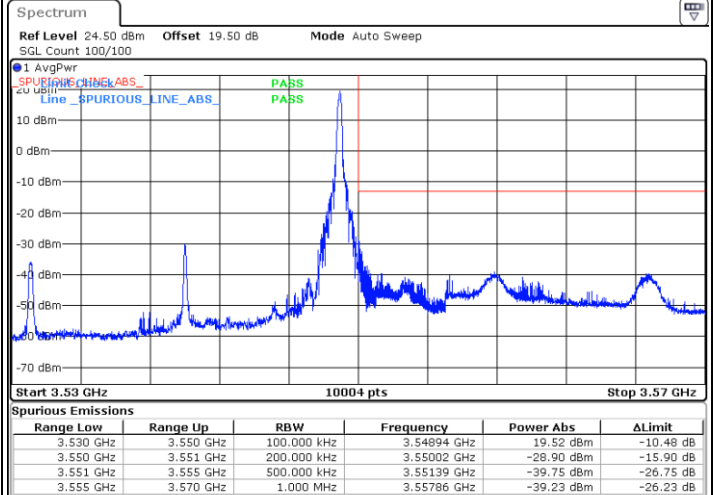


LTE Band 42 / 20MHz / 16QAM

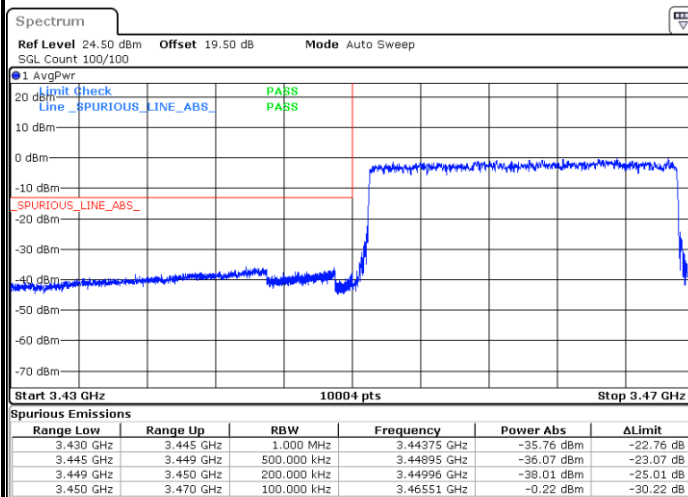
Lowest Band Edge / 1 RB



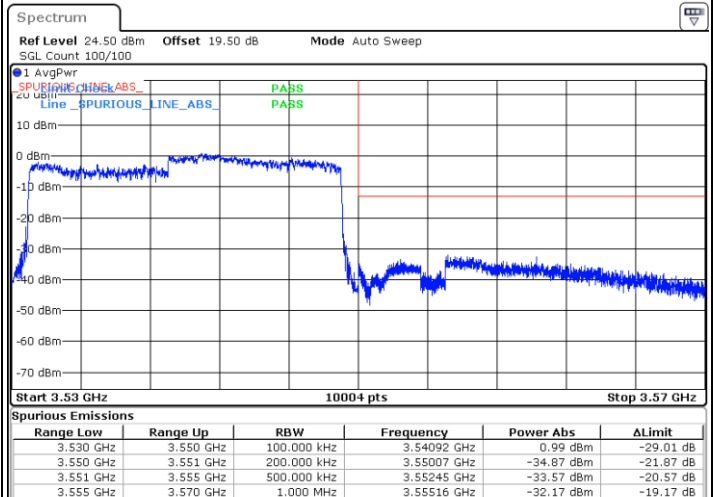
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



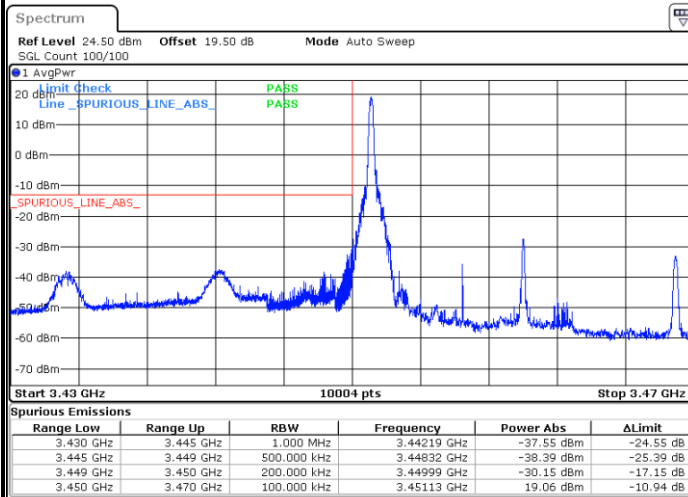
Highest Band Edge / Full RB



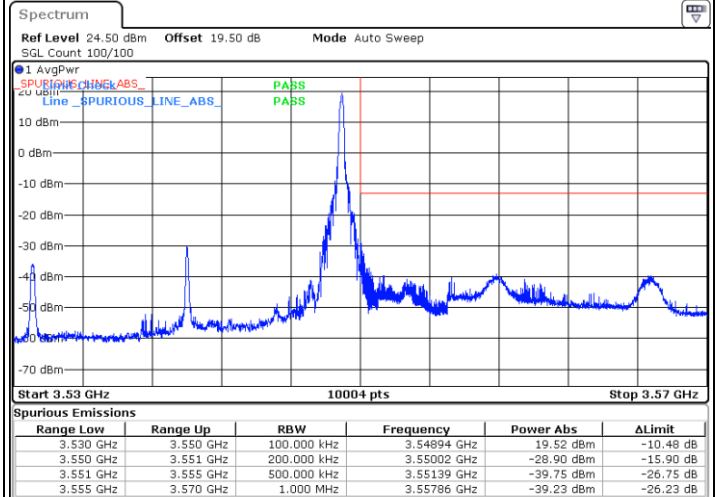


LTE Band 42 / 20MHz / 64QAM

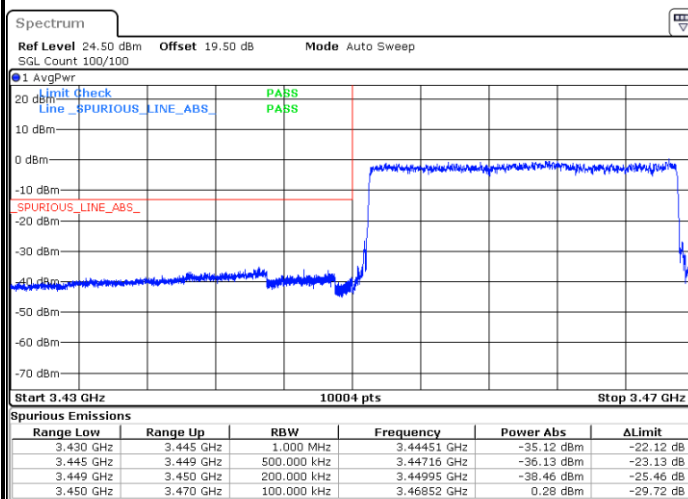
Lowest Band Edge / 1 RB



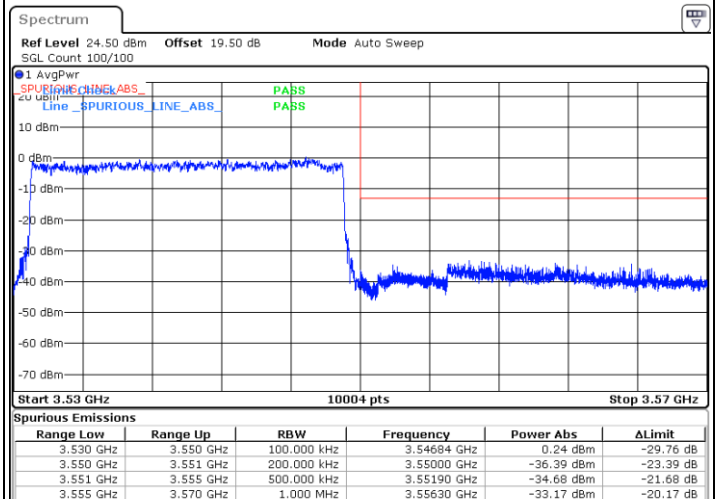
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

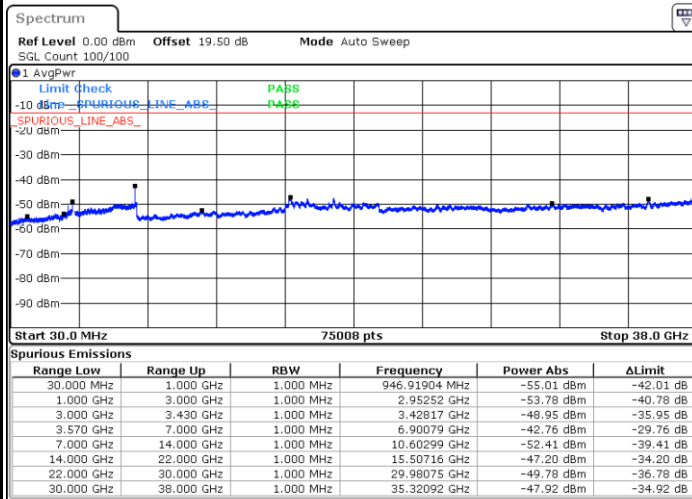




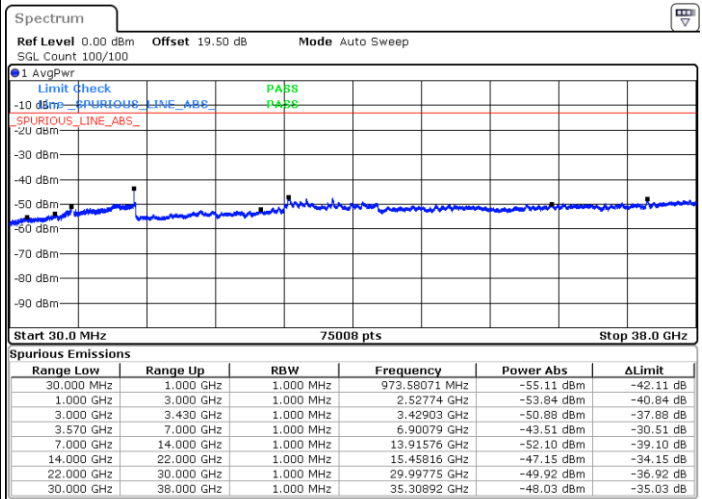
Conducted Spurious Emission

LTE Band 42 / 5MHz

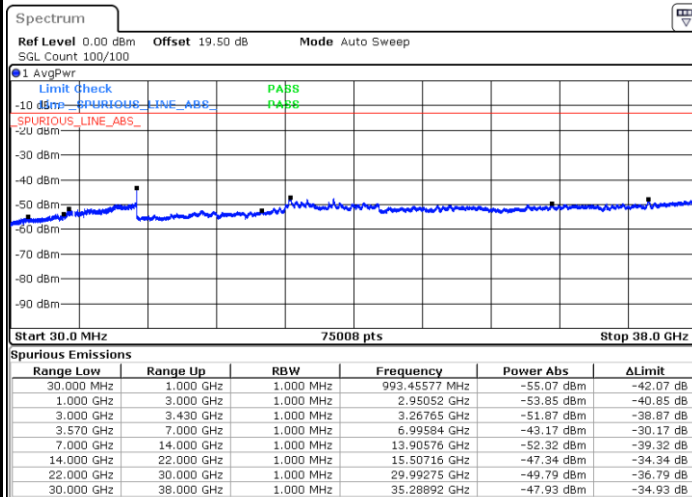
Lowest Channel / QPSK



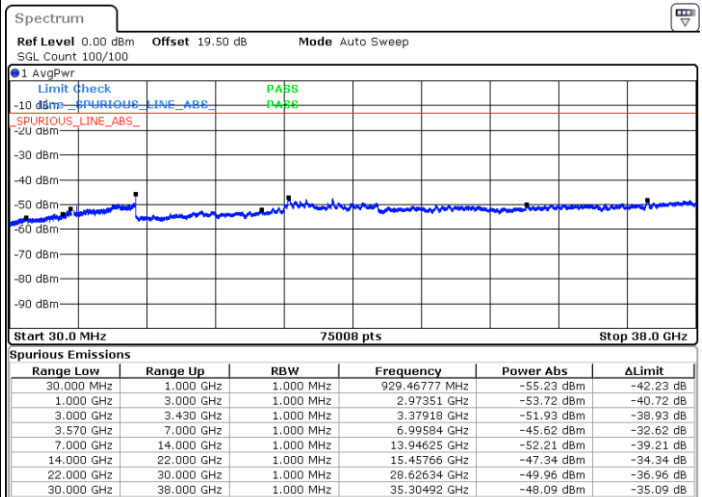
Lowest Channel / 16QAM



Middle Channel / QPSK



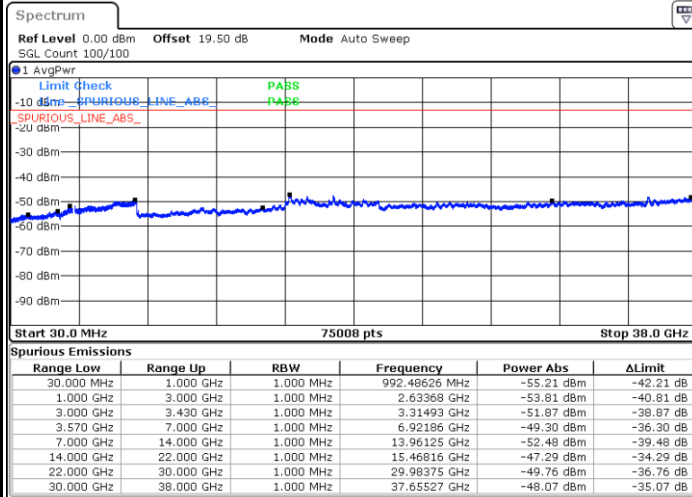
Middle Channel / 16QAM





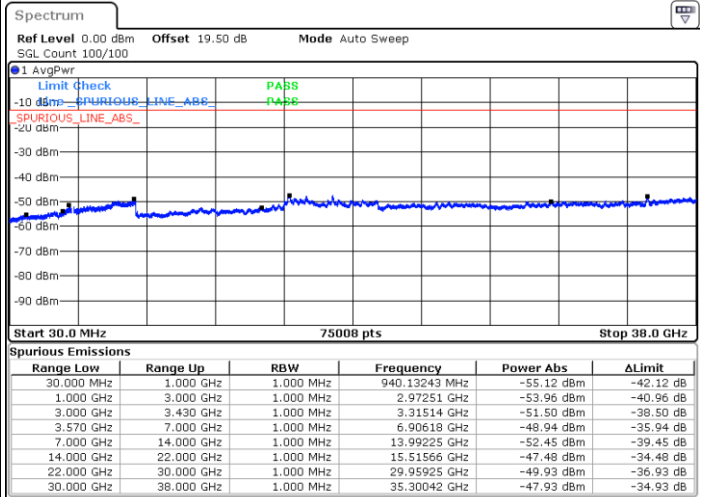
LTE Band 42 / 5MHz

Highest Channel / QPSK



Date: 2.DEC.2021 13:35:09

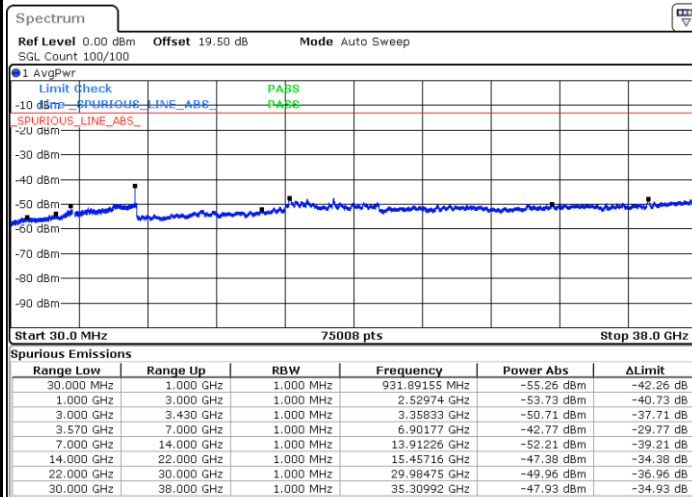
Highest Channel / 16QAM



Date: 2.DEC.2021 13:36:18

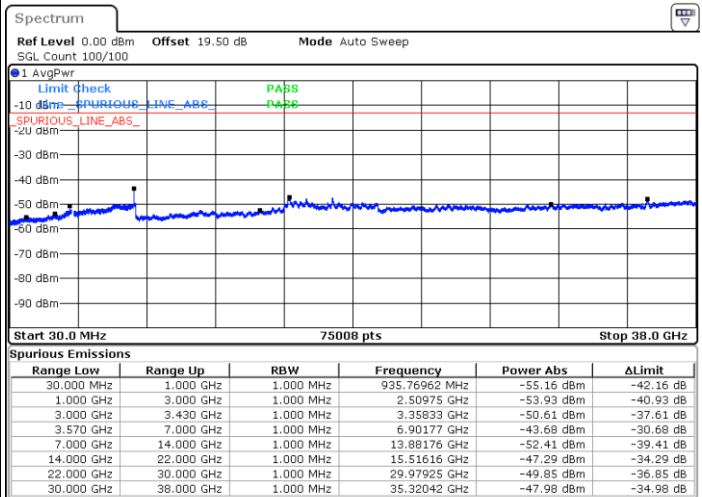
LTE Band 42 / 10MHz

Lowest Channel / QPSK



Date: 2.DEC.2021 13:47:48

Lowest Channel / 16QAM

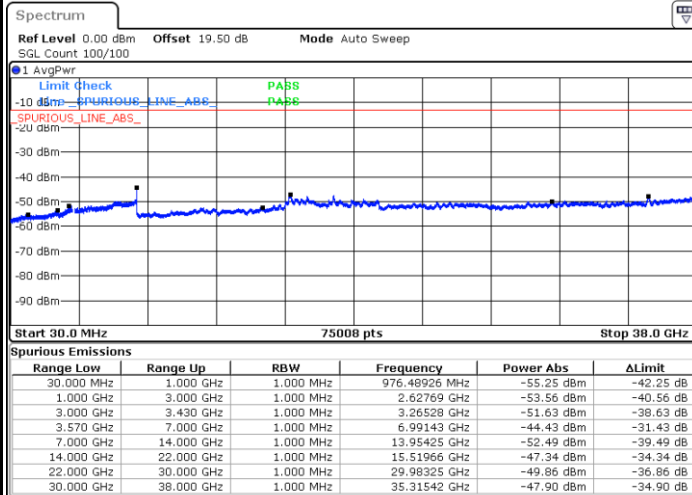


Date: 2.DEC.2021 13:50:44



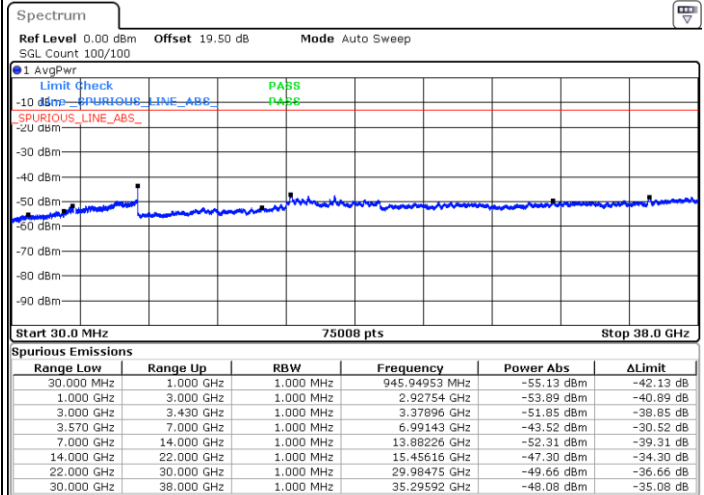
LTE Band 42 / 10MHz

Middle Channel / QPSK



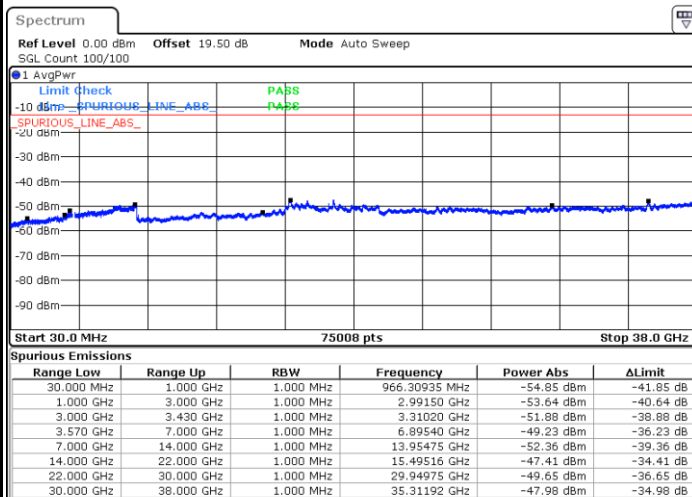
Date: 2.DEC.2021 13:57:06

Middle Channel / 16QAM



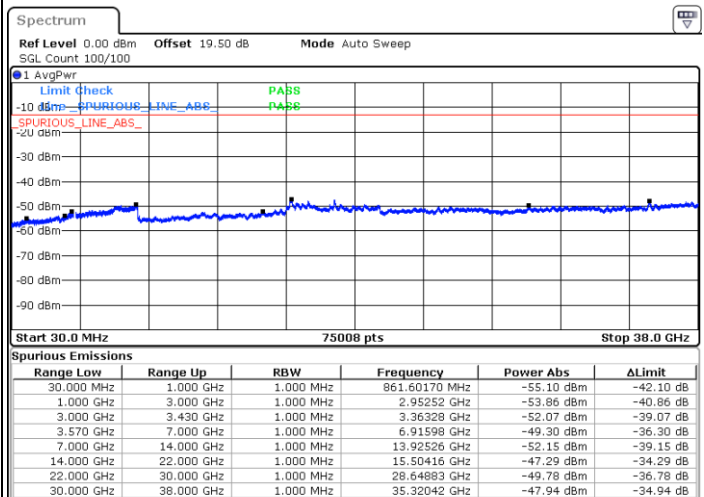
Date: 2.DEC.2021 13:55:18

Highest Channel / QPSK



Date: 2.DEC.2021 13:58:50

Highest Channel / 16QAM

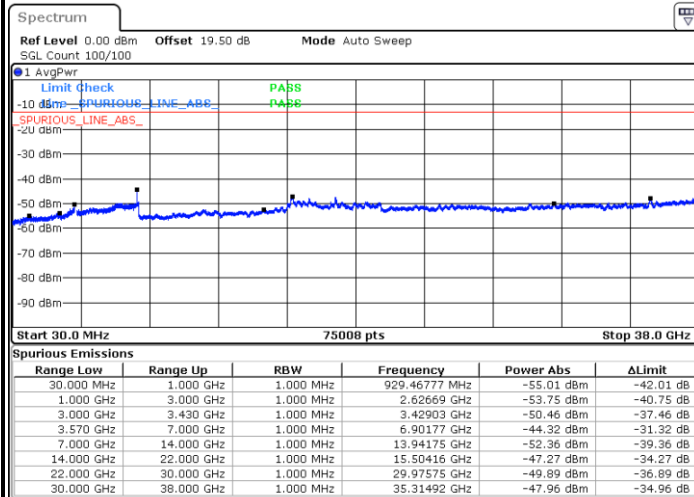


Date: 2.DEC.2021 13:59:59



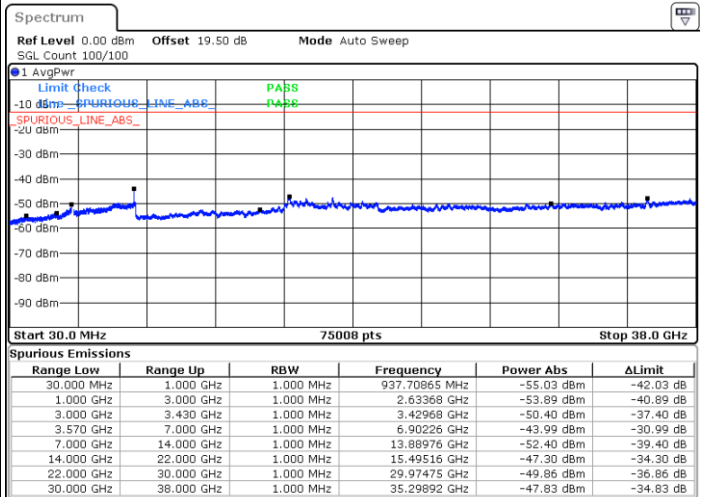
LTE Band 42 / 15MHz

Lowest Channel / QPSK



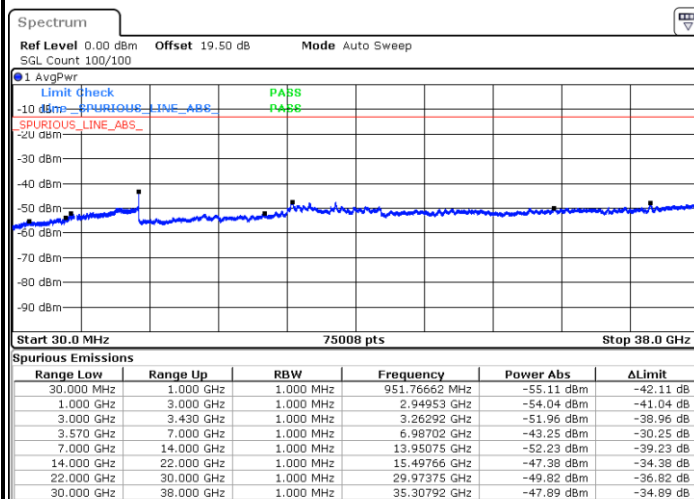
Date: 2.DEC.2021 14:17:21

Lowest Channel / 16QAM



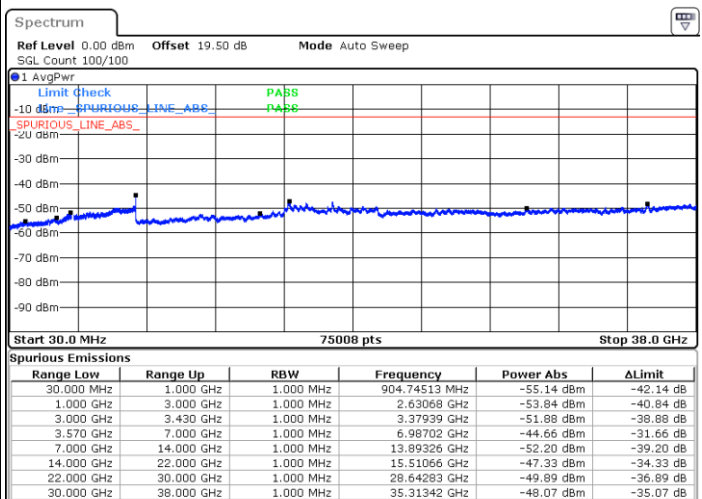
Date: 2.DEC.2021 14:15:46

Middle Channel / QPSK



Date: 2.DEC.2021 14:19:12

Middle Channel / 16QAM

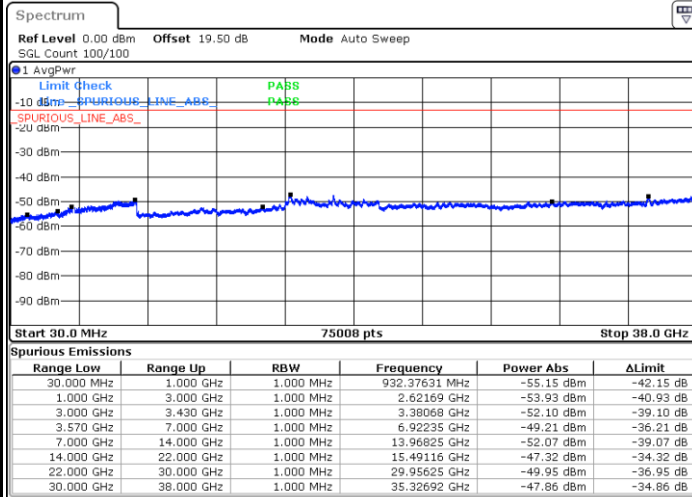


Date: 2.DEC.2021 14:20:40



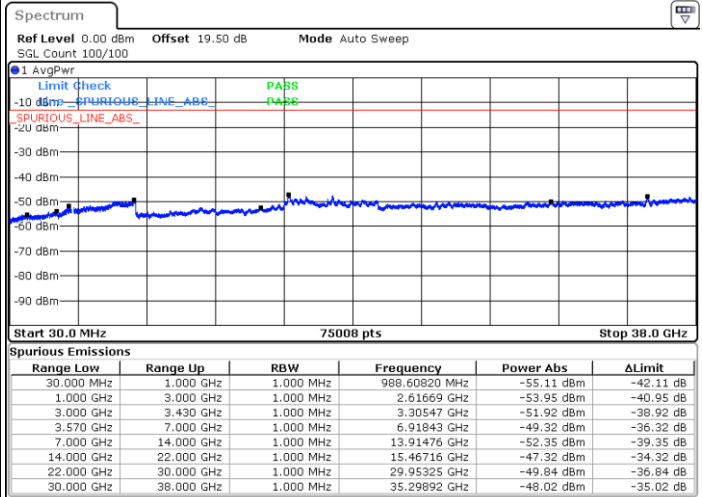
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 2.DEC.2021 14:27:05

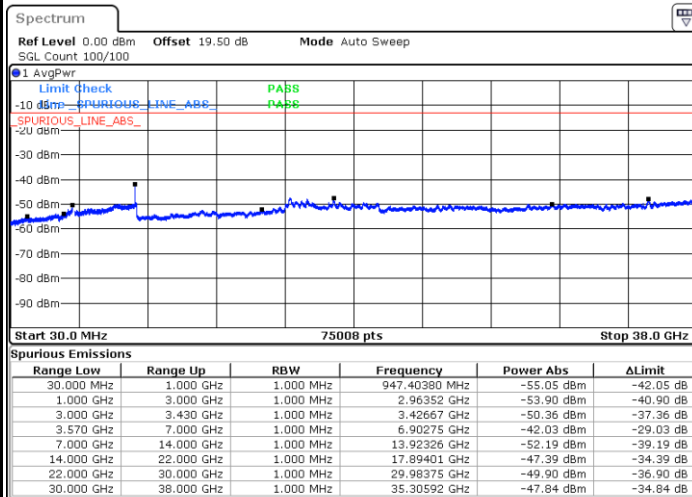
Highest Channel / 16QAM



Date: 2.DEC.2021 14:25:21

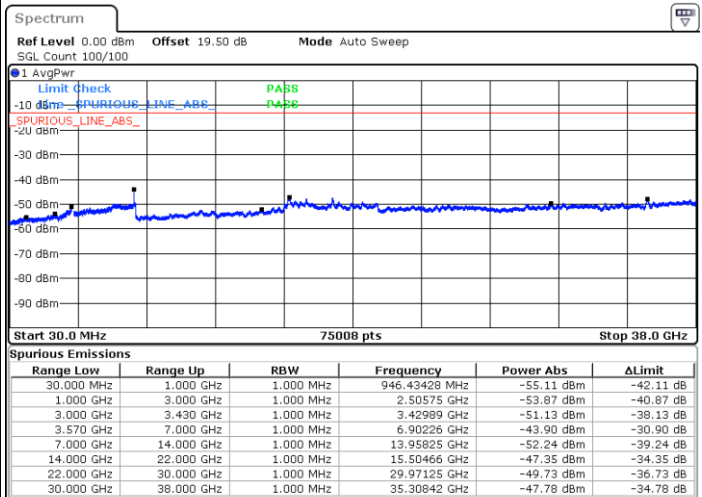
LTE Band 42 / 20MHz

Lowest Channel / QPSK



Date: 2.DEC.2021 14:42:21

Lowest Channel / 16QAM

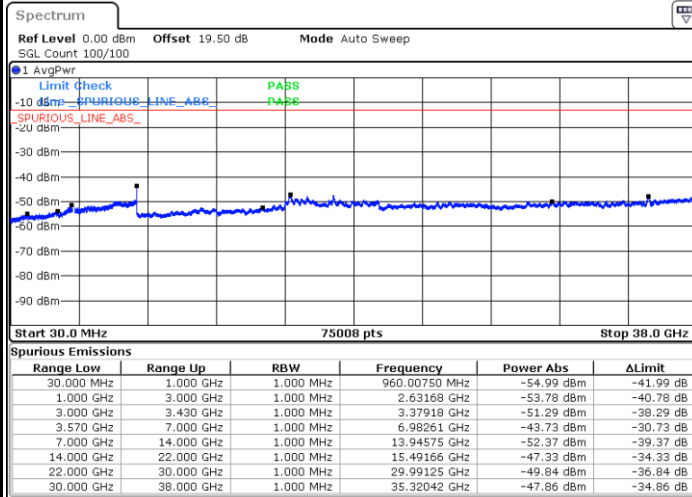


Date: 2.DEC.2021 14:43:43



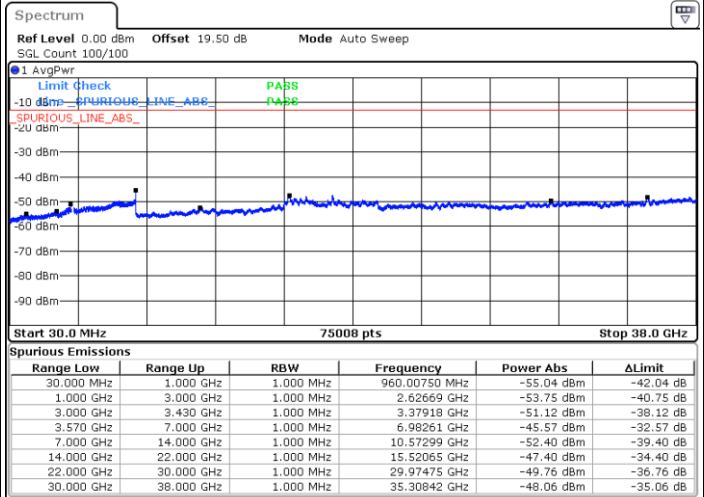
LTE Band 42 / 20MHz

Middle Channel / QPSK



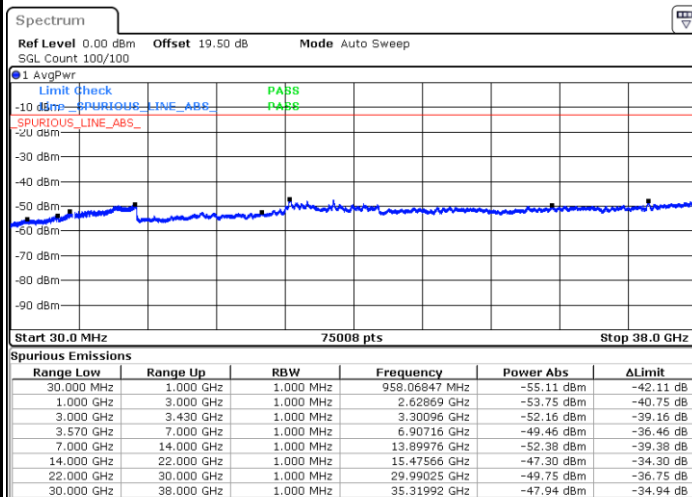
Date: 2.DEC.2021 14:49:42

Middle Channel / 16QAM



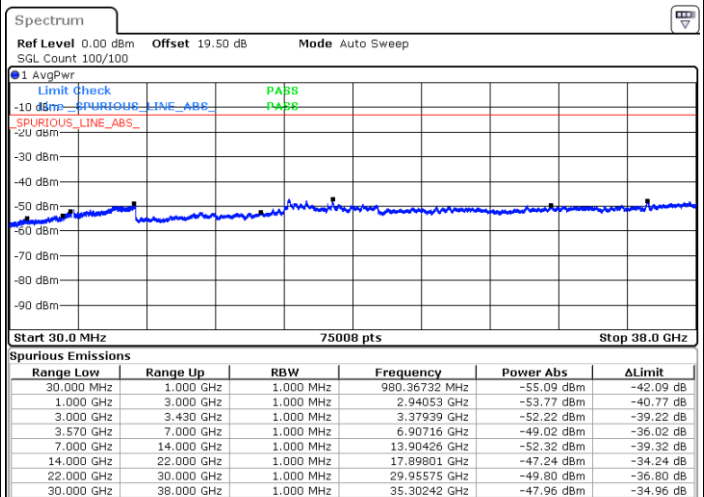
Date: 2.DEC.2021 14:48:25

Highest Channel / QPSK



Date: 2.DEC.2021 14:51:08

Highest Channel / 16QAM



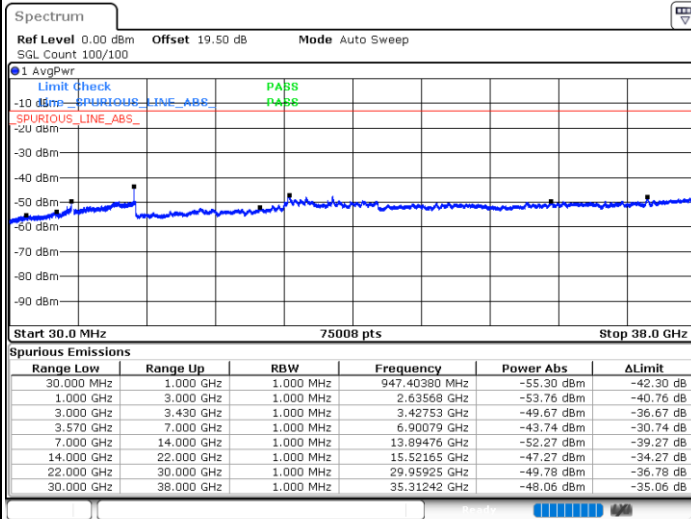
Date: 2.DEC.2021 14:52:26



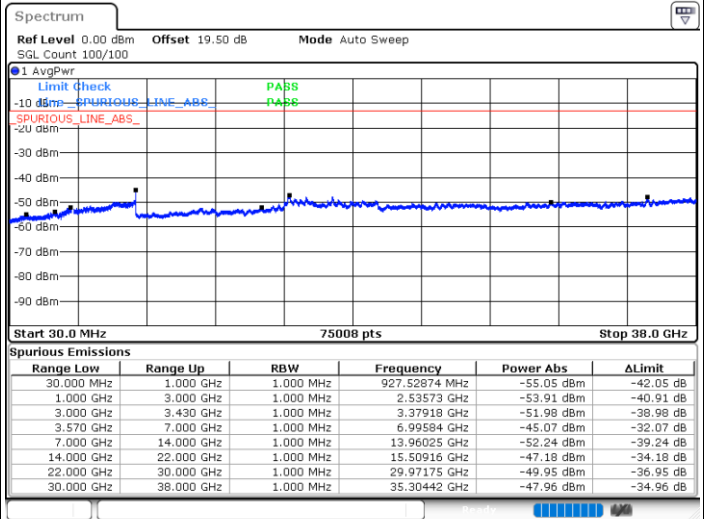
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

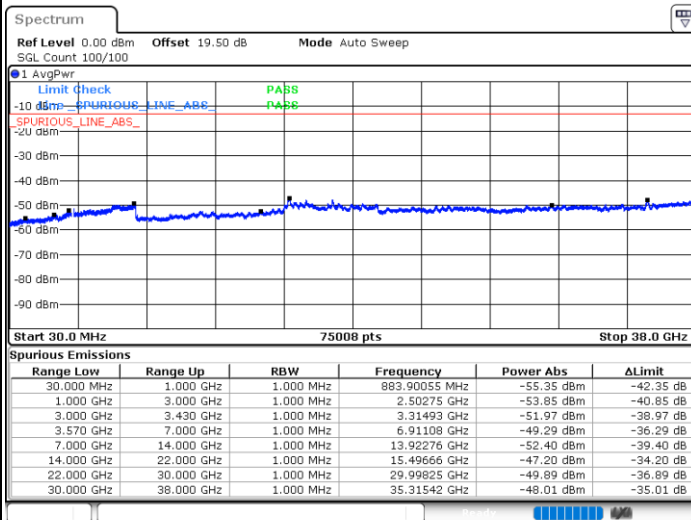


Date: 2.DEC.2021 11:58:51



Date: 2.DEC.2021 12:01:25

Highest Channel / 64QAM

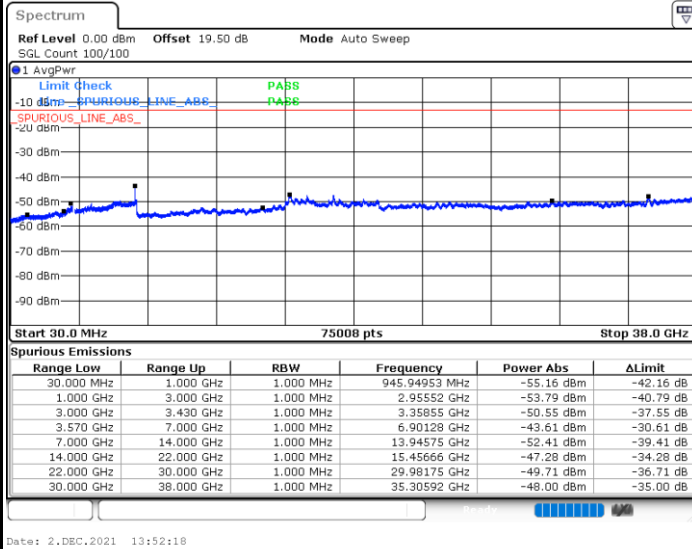


Date: 2.DEC.2021 13:37:26

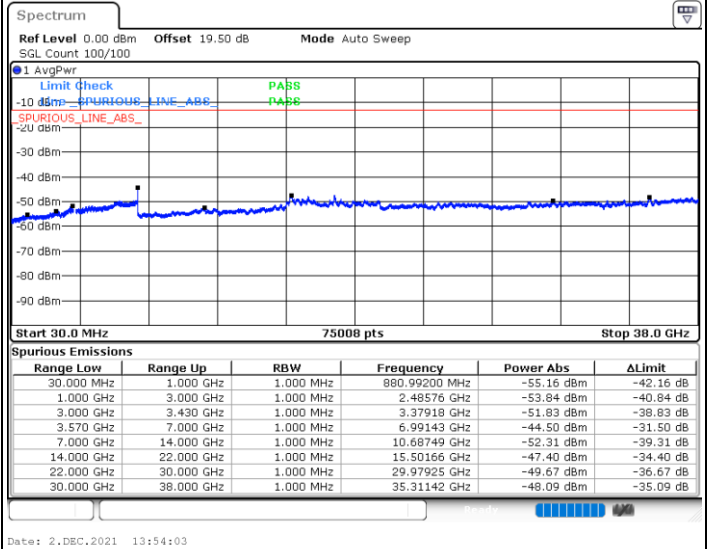


LTE Band 42 / 10MHz

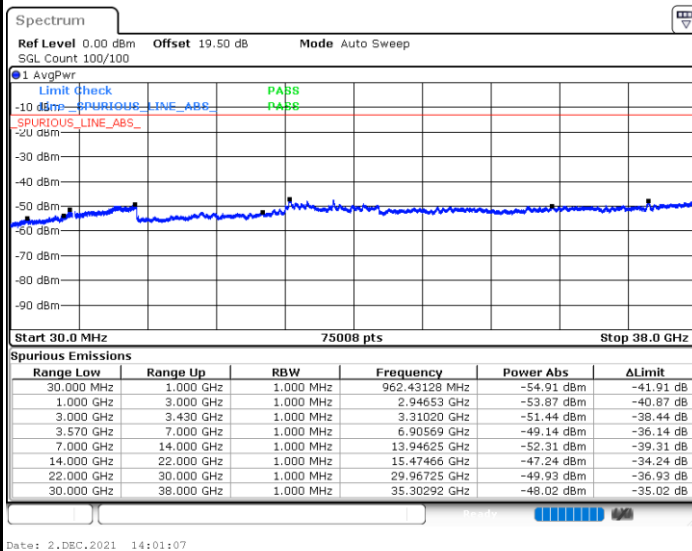
Lowest Channel / 64QAM



Middle Channel / 64QAM



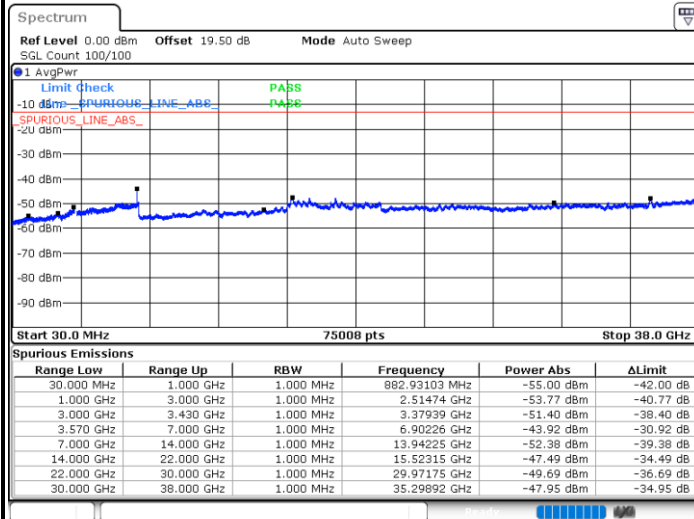
Highest Channel / 64QAM





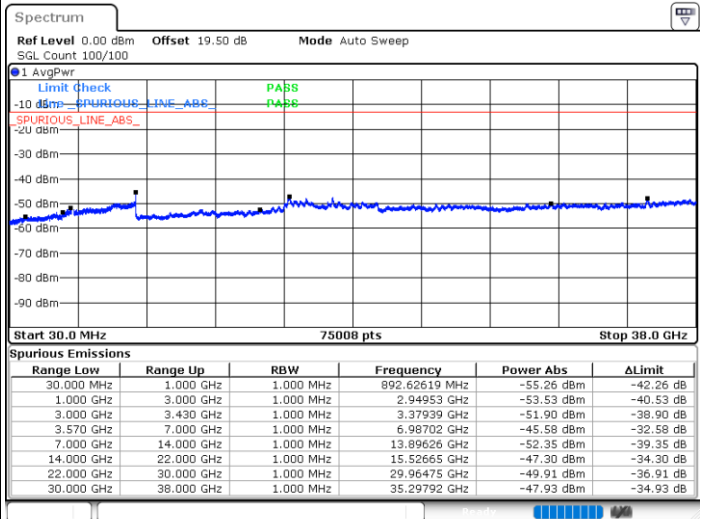
LTE Band 42 / 15MHz

Lowest Channel / 64QAM



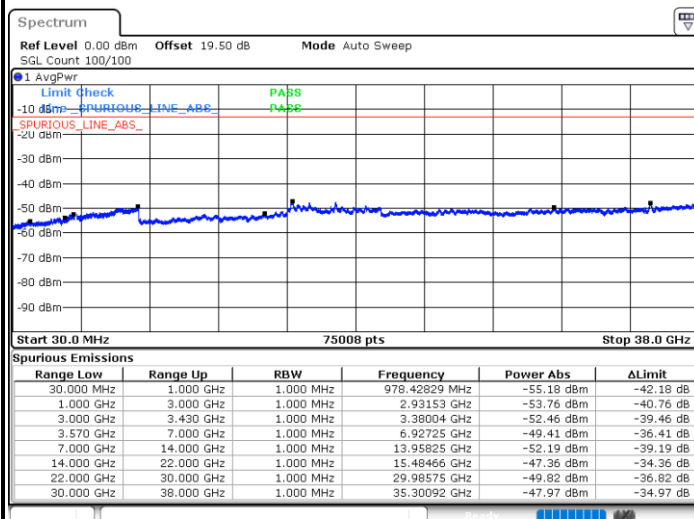
Date: 2.DEC.2021 14:14:18

Middle Channel / 64QAM



Date: 2.DEC.2021 14:22:10

Highest Channel / 64QAM

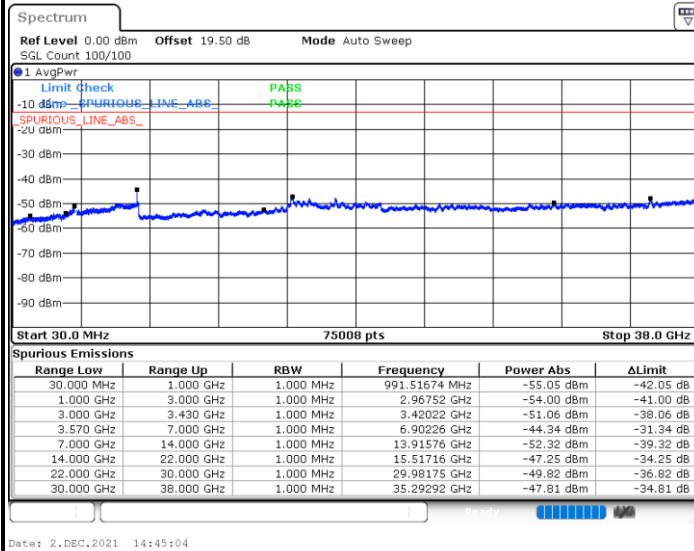


Date: 2.DEC.2021 14:23:49

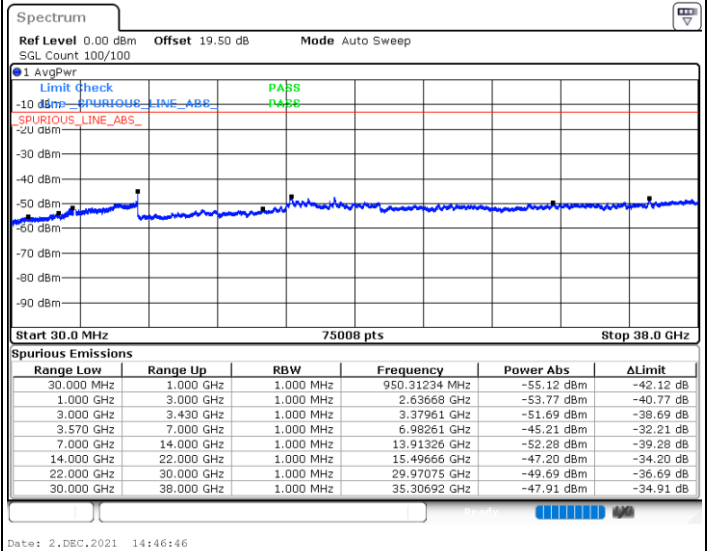


LTE Band 42 / 20MHz

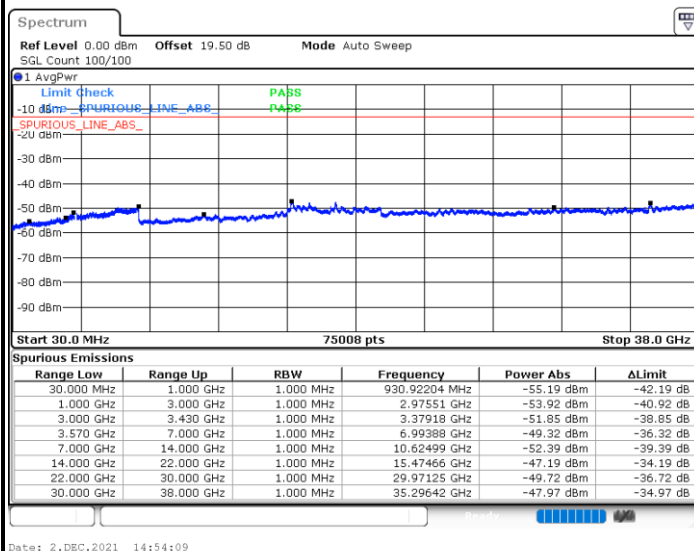
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0001	
20	High Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Low Voltage	0.0012	

Note:

1. Normal Voltage =3.3 V. ; Low Voltage =3.135 V. ; High Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 42 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6982.00	-56.22	-25	-31.22	-55.07	-61.78	7.14	12.70	H
	10473.00	-53.29	-25	-28.29	-57.54	-56.59	8.30	11.60	H
	13964.00	-51.21	-25	-26.21	-59.77	-52.73	10.48	12.00	H
	6982.00	-50.53	-25	-25.53	-49.84	-56.09	7.14	12.70	V
	10473.00	-53.92	-25	-28.92	-57.56	-57.22	8.30	11.60	V
	13964.00	-51.52	-25	-26.52	-59.69	-53.04	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.