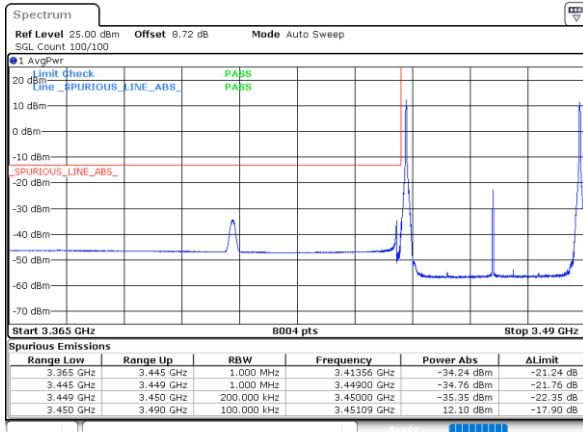




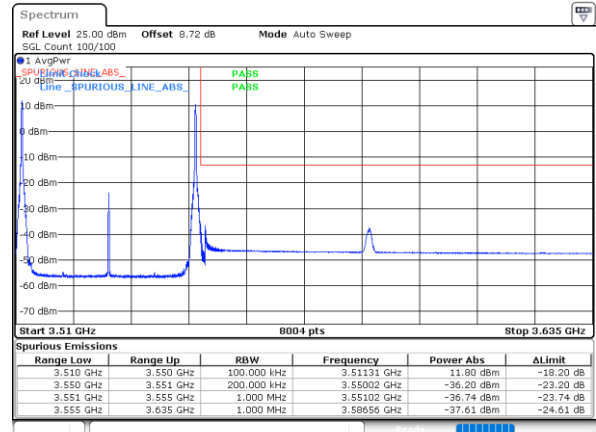
LTE Band 42C / 20MHz+20MHz

256QAM

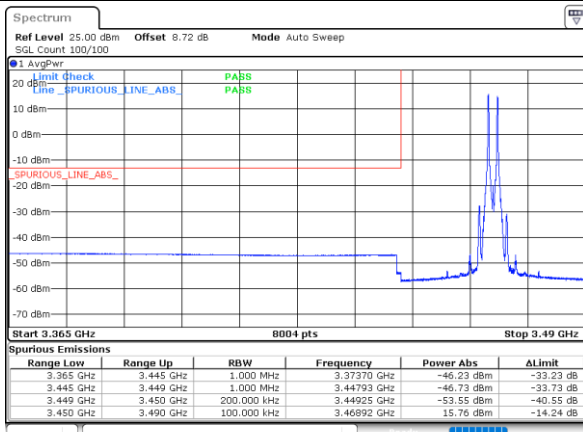
Lowest Band Edge / 1RB0 and 1RB99



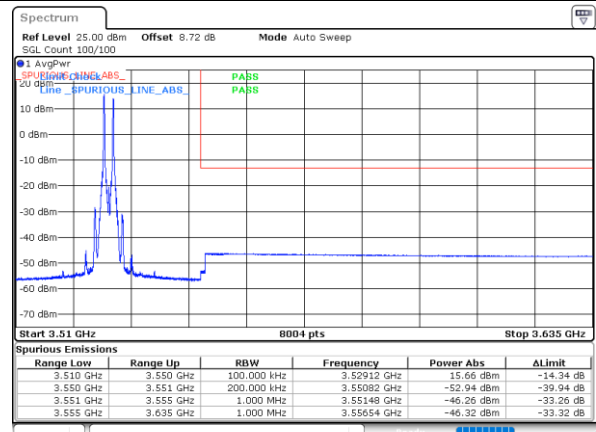
Highest Band Edge / 1RB0 and 1RB99



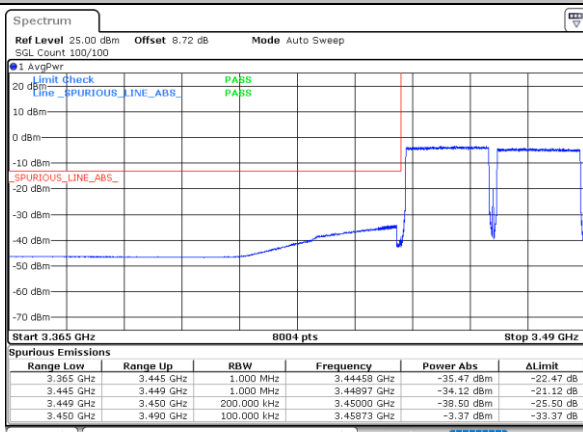
Lowest Band Edge / 1RB99 and 1RB0



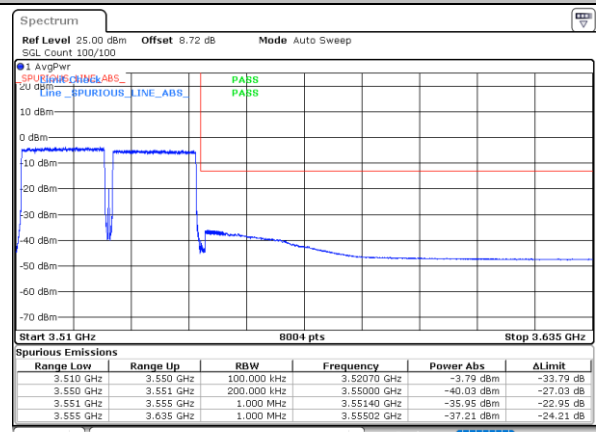
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

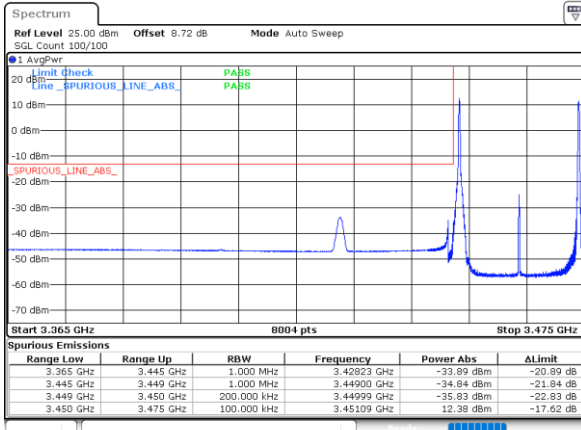




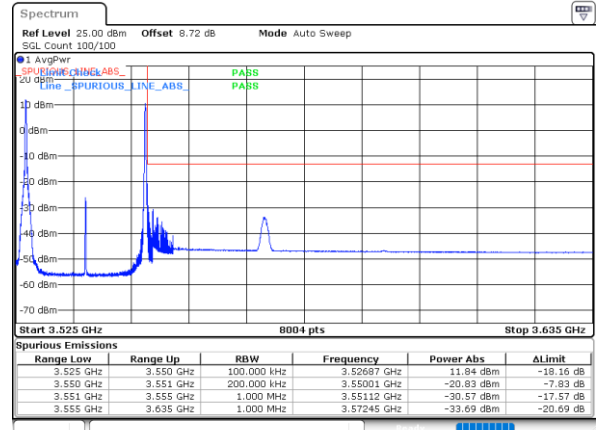
LTE Band 42C / 20MHz+5MHz

QPSK

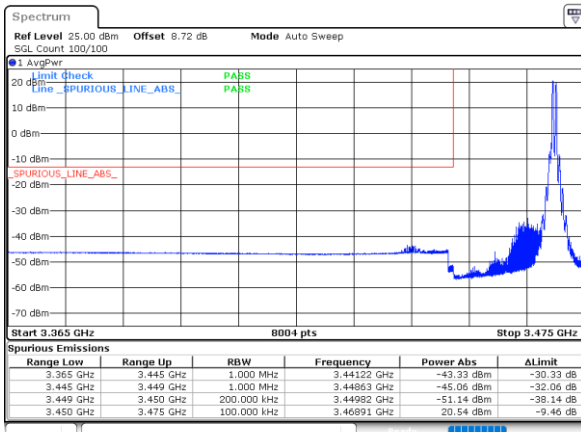
Lowest Band Edge / 1RB0 and 1RB24



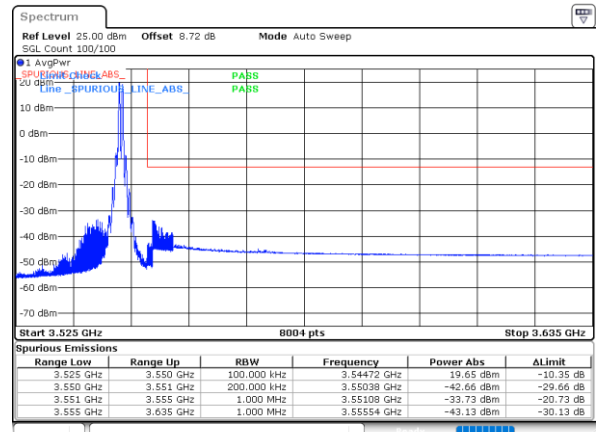
Highest Band Edge / 1RB0 and 1RB24



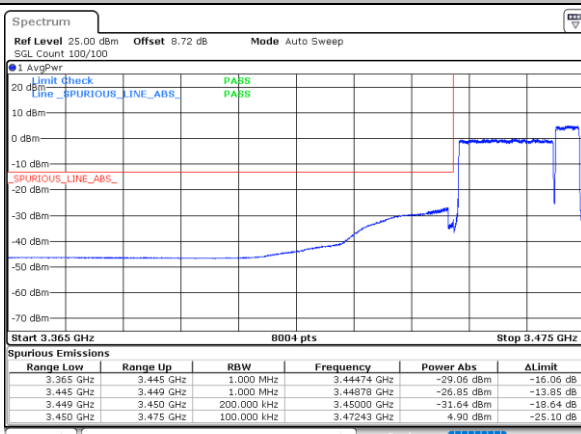
Lowest Band Edge / 1RB99 and 1RB0



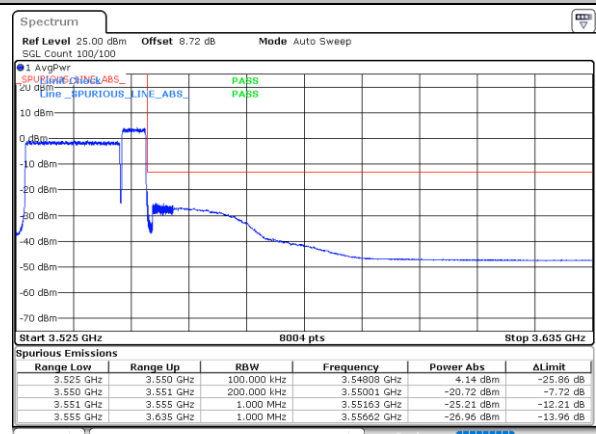
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

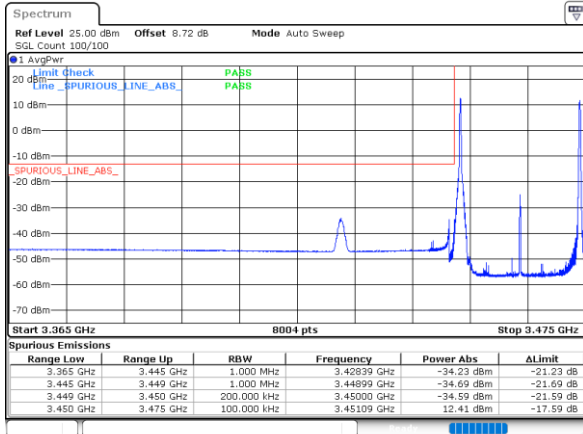




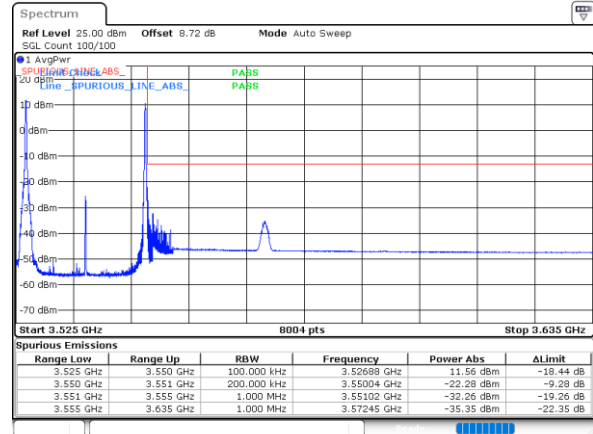
LTE Band 42C / 20MHz+5MHz

16QAM

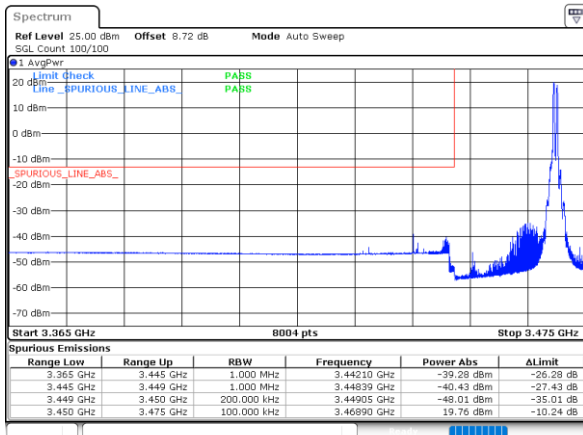
Lowest Band Edge / 1RB0 and 1RB24



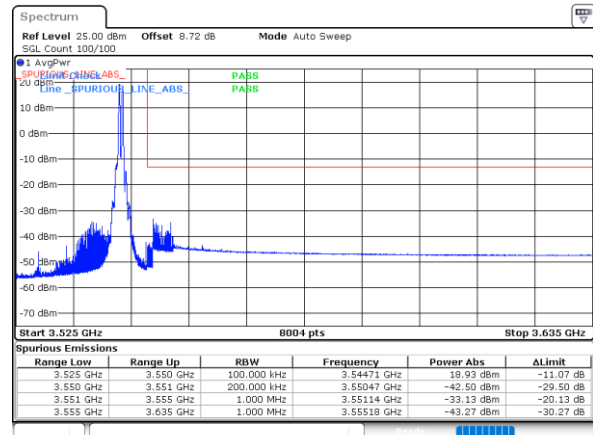
Highest Band Edge / 1RB0 and 1RB24



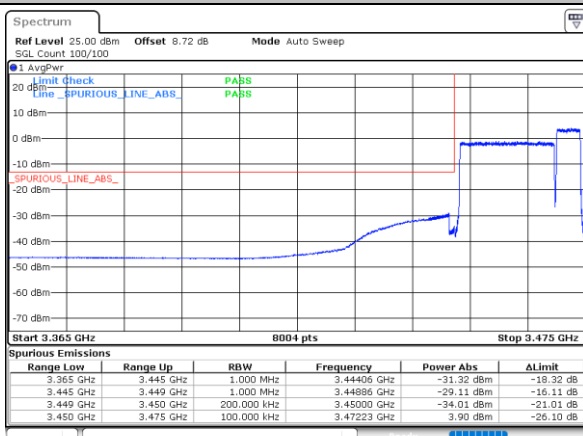
Lowest Band Edge / 1RB99 and 1RB0



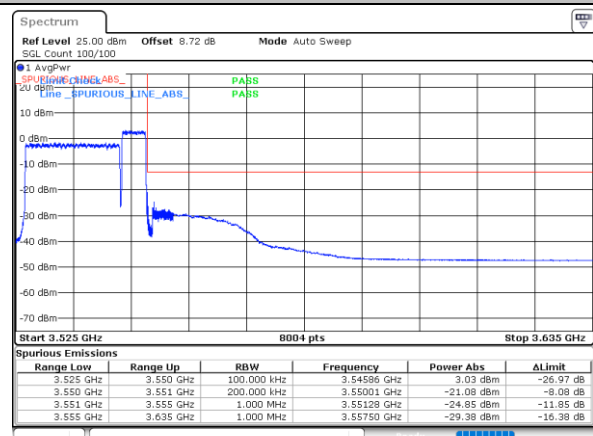
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

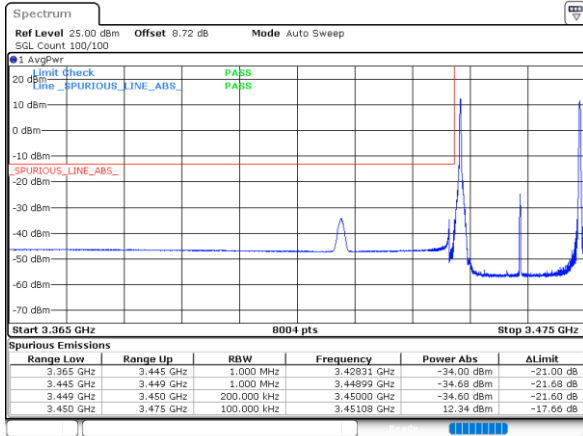




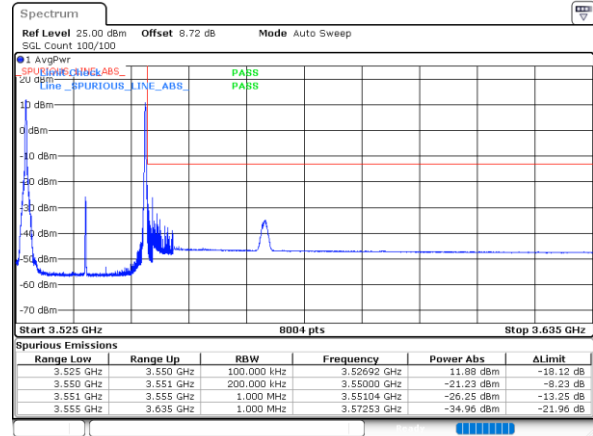
LTE Band 42C / 20MHz+5MHz

64QAM

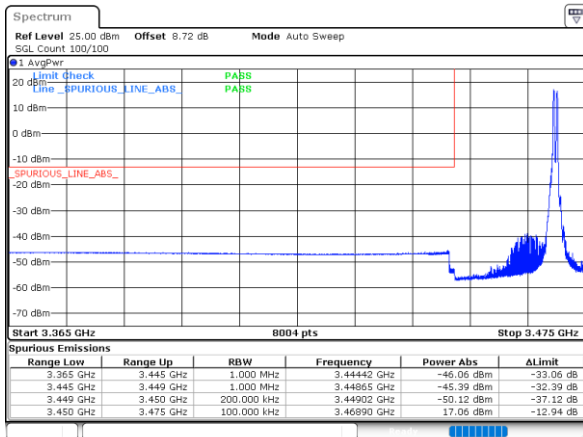
Lowest Band Edge / 1RB0 and 1RB24



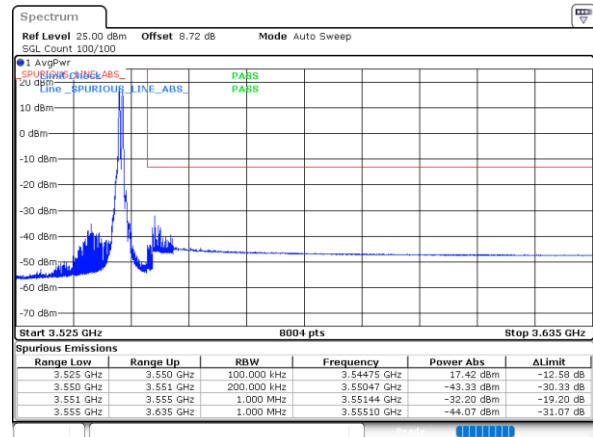
Highest Band Edge / 1RB0 and 1RB24



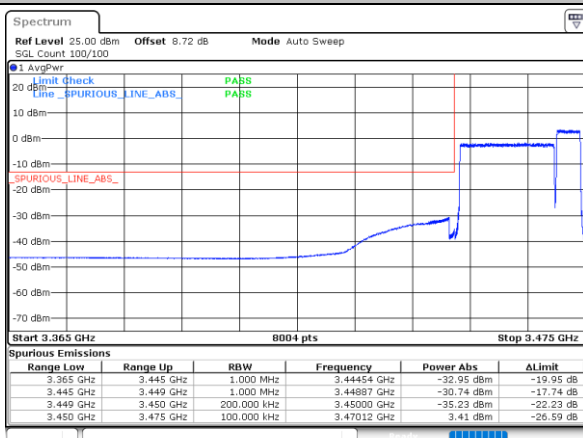
Lowest Band Edge / 1RB99 and 1RB0



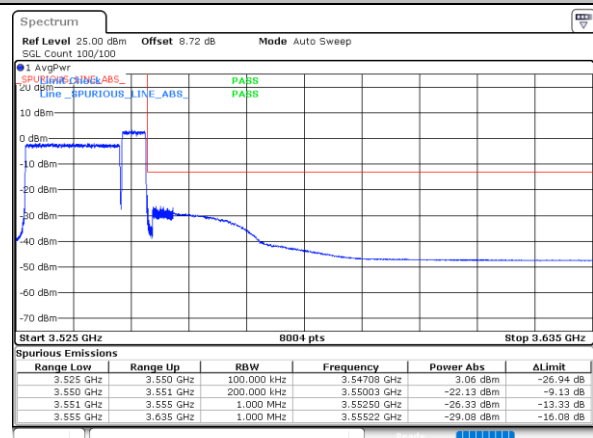
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

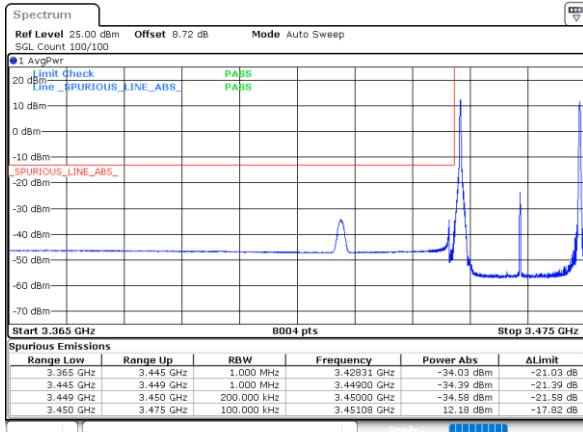




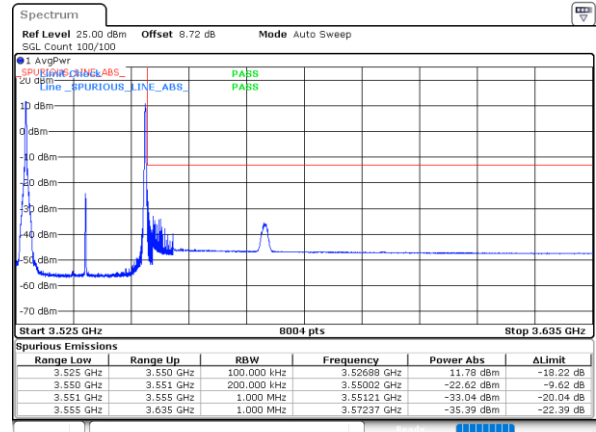
LTE Band 42C / 20MHz+5MHz

256QAM

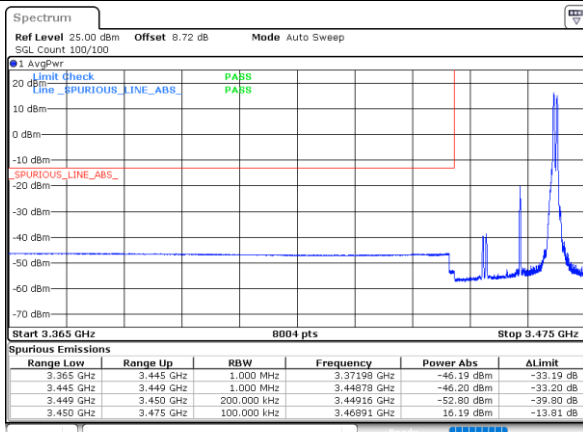
Lowest Band Edge / 1RB0 and 1RB24



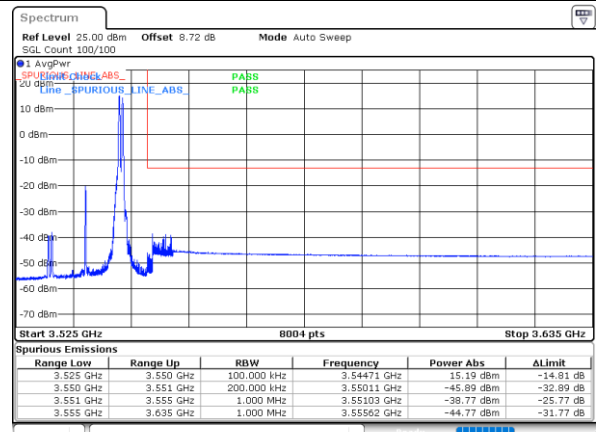
Highest Band Edge / 1RB0 and 1RB24



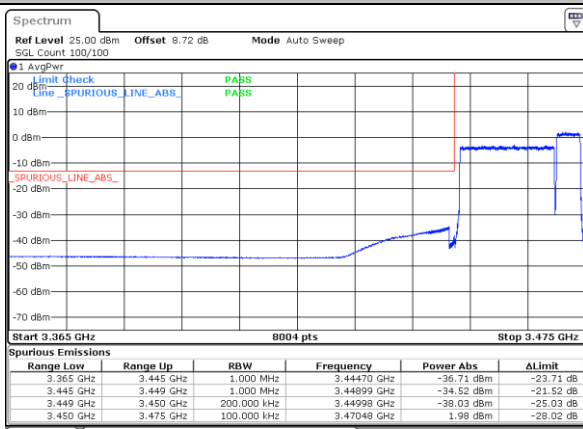
Lowest Band Edge / 1RB99 and 1RB0



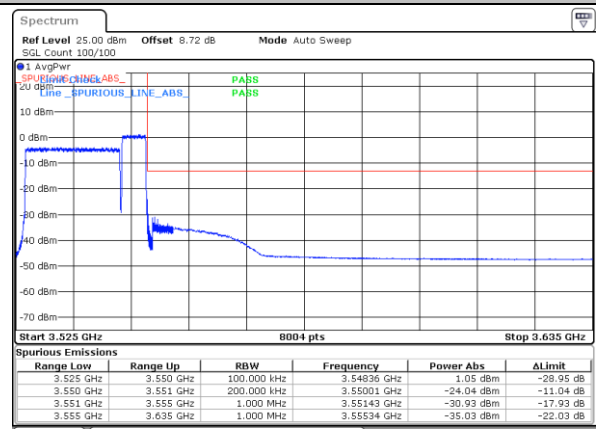
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

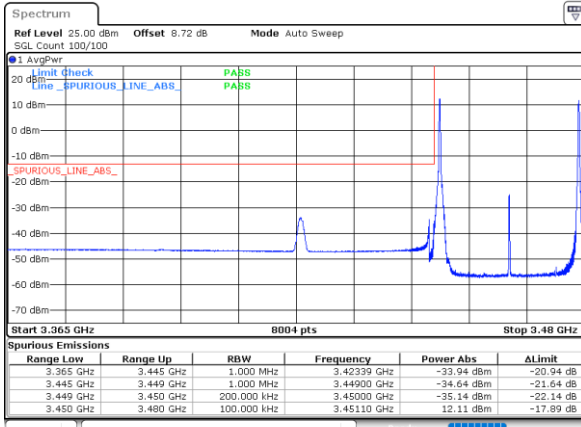




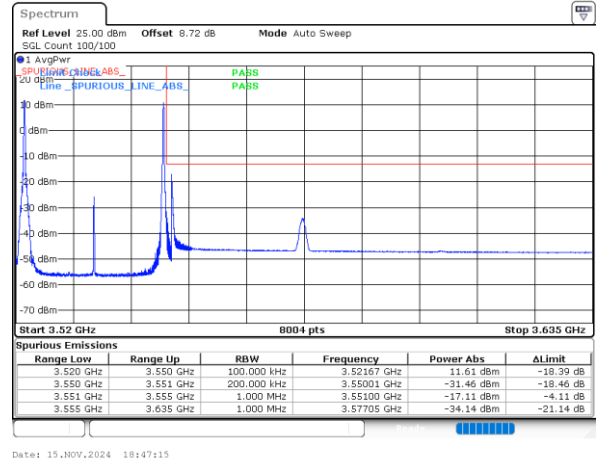
LTE Band 42C / 20MHz+10MHz

QPSK

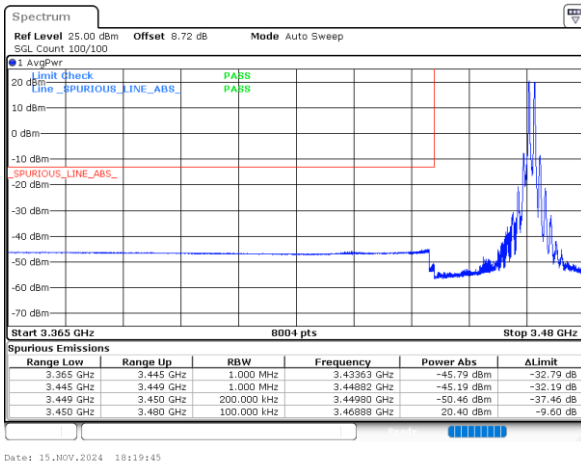
Lowest Band Edge / 1RB0 and 1RB49



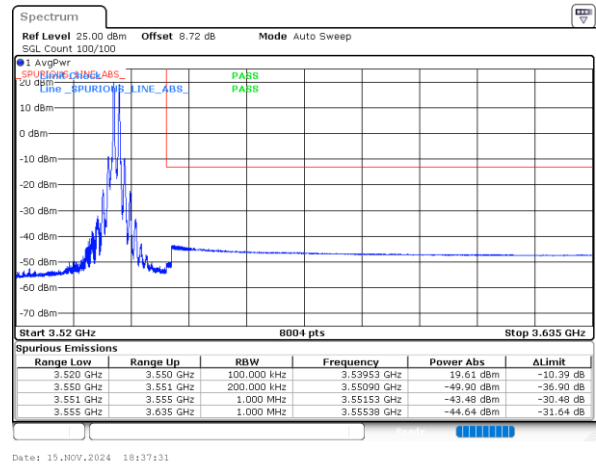
Highest Band Edge / 1RB0 and 1RB49



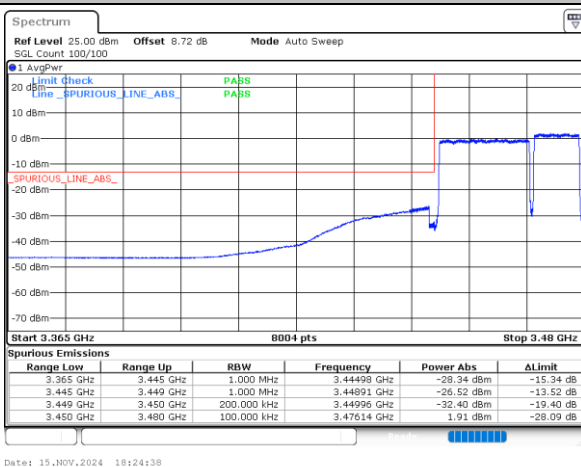
Lowest Band Edge / 1RB99 and 1RB0



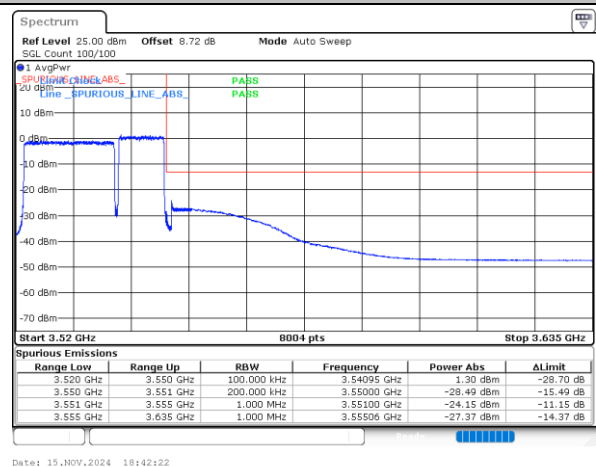
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

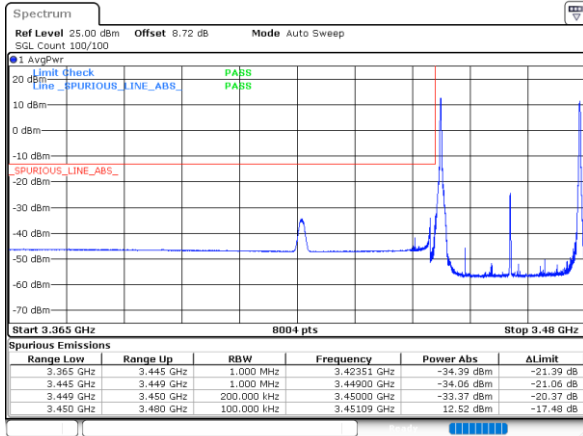




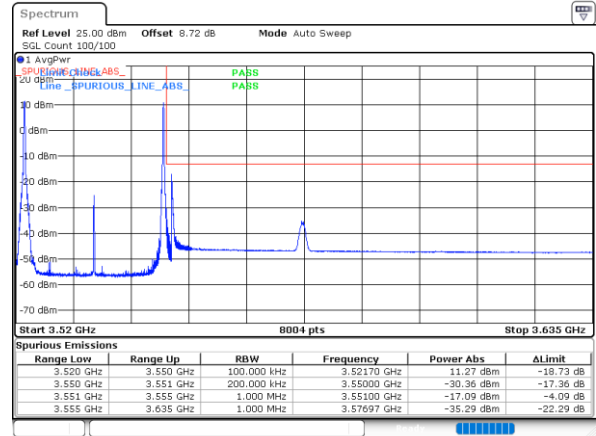
LTE Band 42C / 20MHz+10MHz

16QAM

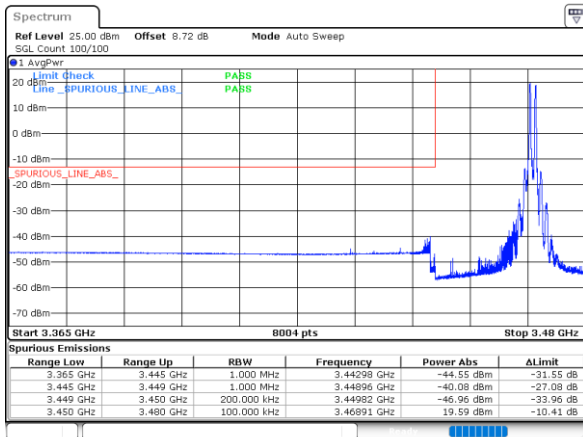
Lowest Band Edge / 1RB0 and 1RB49



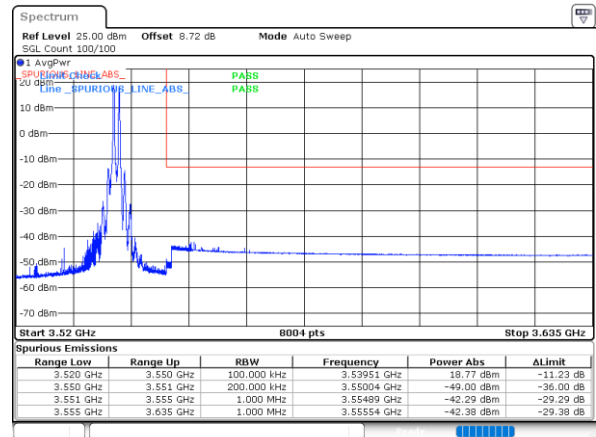
Highest Band Edge / 1RB0 and 1RB49



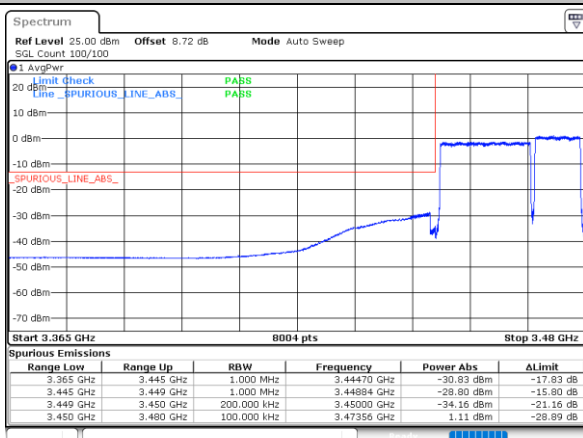
Lowest Band Edge / 1RB99 and 1RB0



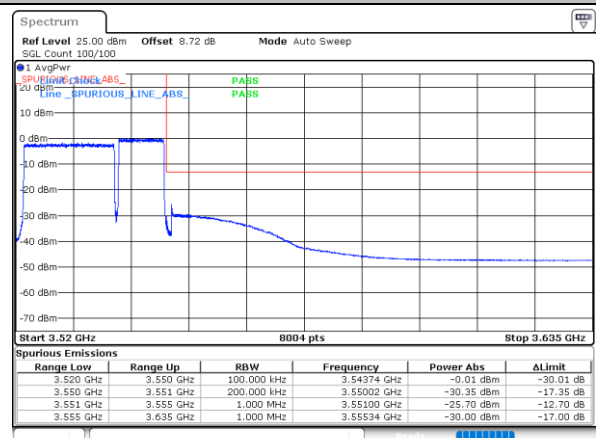
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

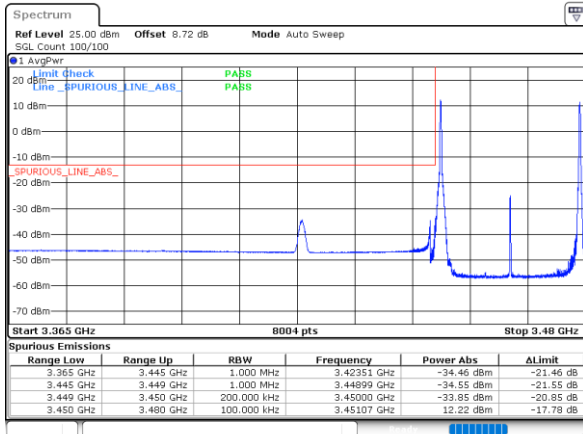




LTE Band 42C / 20MHz+10MHz

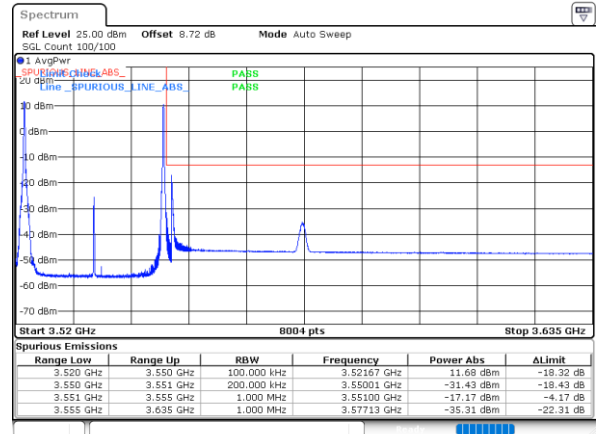
64QAM

Lowest Band Edge / 1RB0 and 1RB49



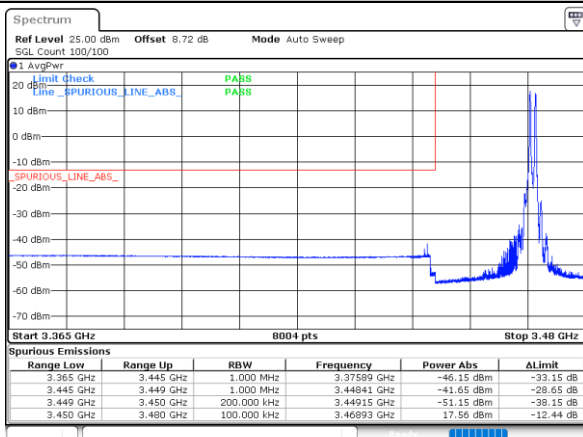
Date: 15,NOV,2024 18:31:57

Highest Band Edge / 1RB0 and 1RB49



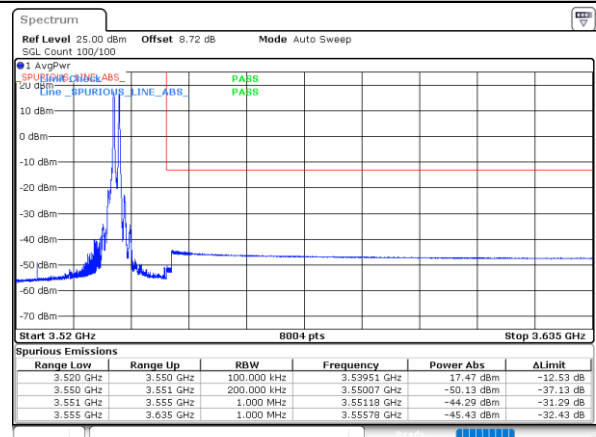
Date: 15,NOV,2024 18:49:41

Lowest Band Edge / 1RB99 and 1RB0



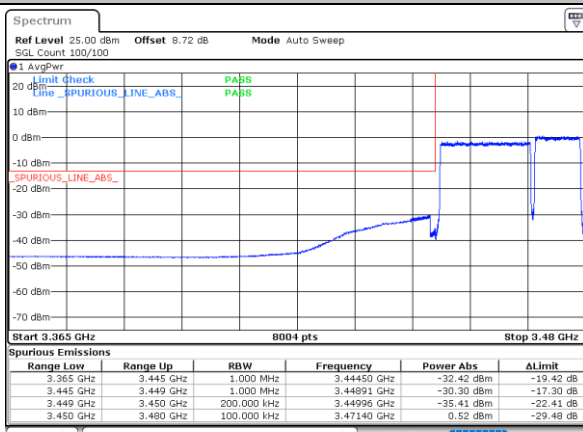
Date: 15,NOV,2024 18:22:11

Highest Band Edge / 1RB99 and 1RB0



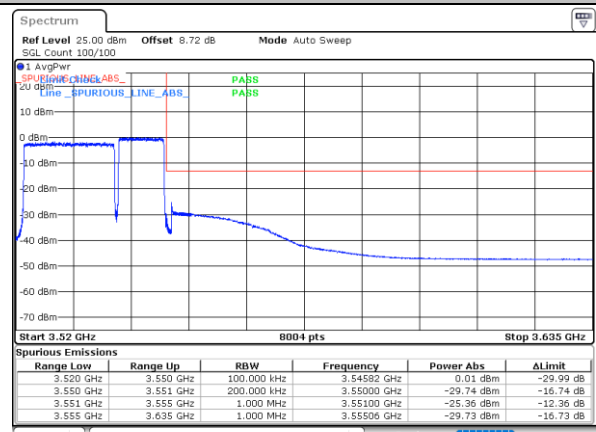
Date: 15,NOV,2024 18:39:56

Lowest Band Edge / Full RB



Date: 15,NOV,2024 18:27:04

Highest Band Edge / Full RB



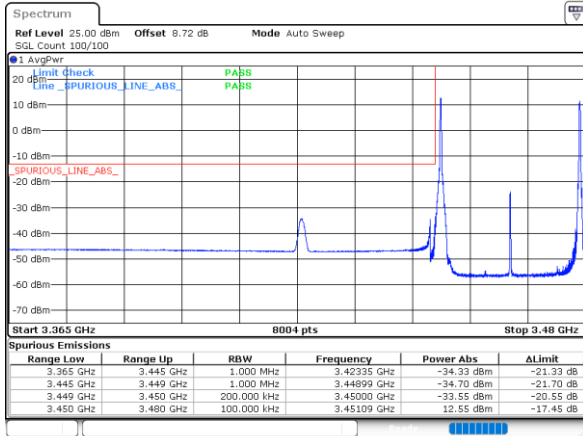
Date: 15,NOV,2024 18:44:48



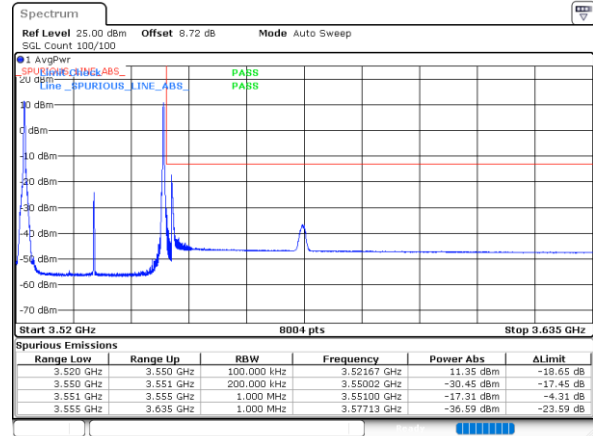
LTE Band 42C / 20MHz+10MHz

256QAM

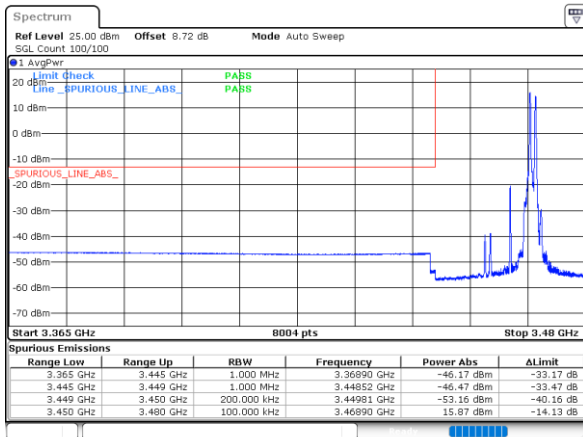
Lowest Band Edge / 1RB0 and 1RB49



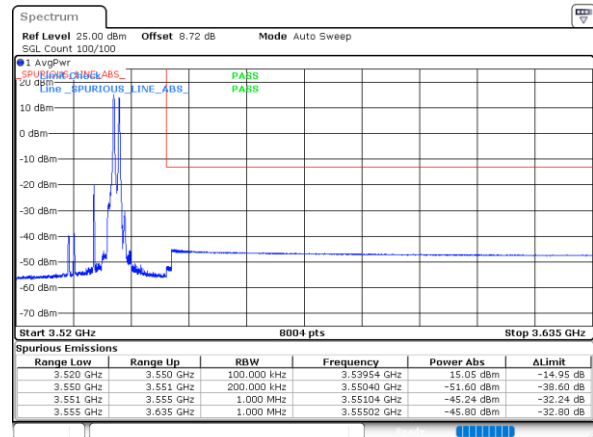
Highest Band Edge / 1RB0 and 1RB49



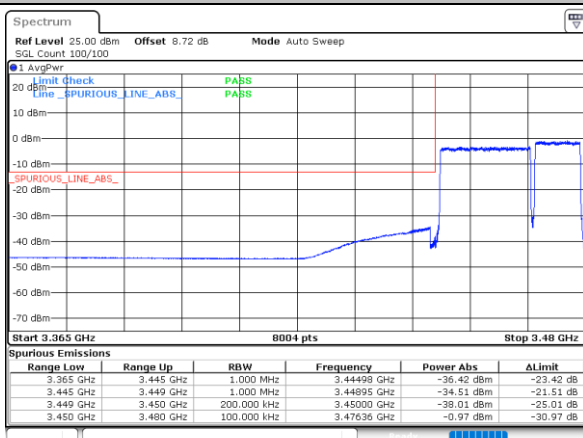
Lowest Band Edge / 1RB99 and 1RB0



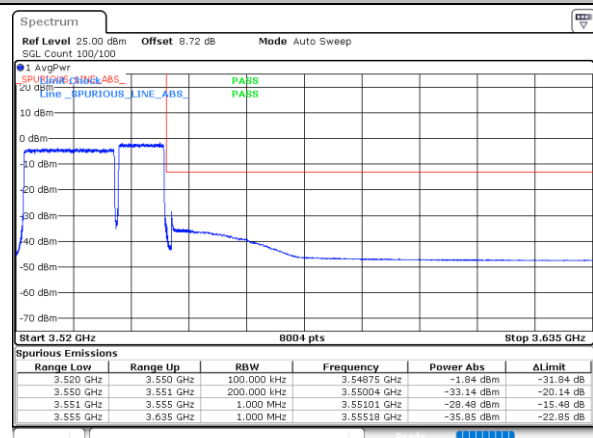
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

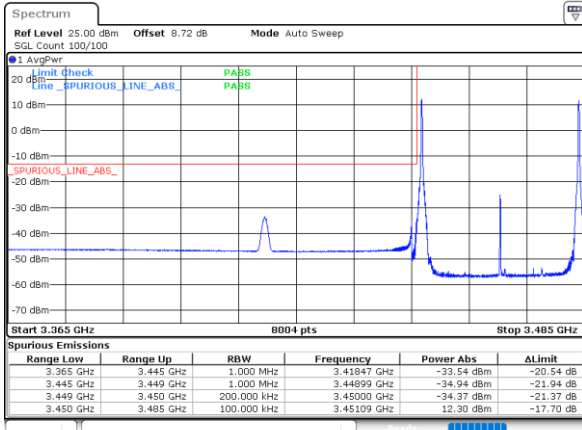




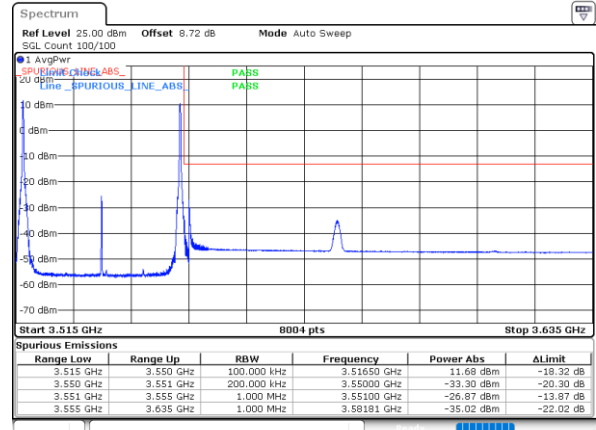
LTE Band 42C / 20MHz+15MHz

QPSK

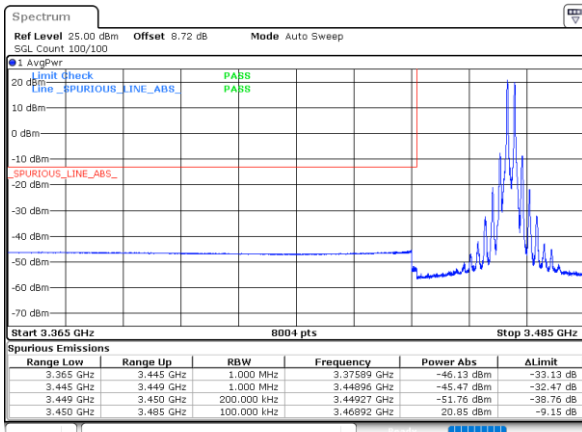
Lowest Band Edge / 1RB0 and 1RB74



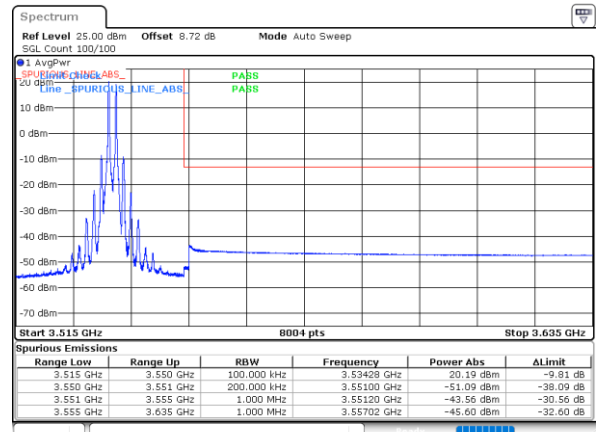
Highest Band Edge / 1RB0 and 1RB74



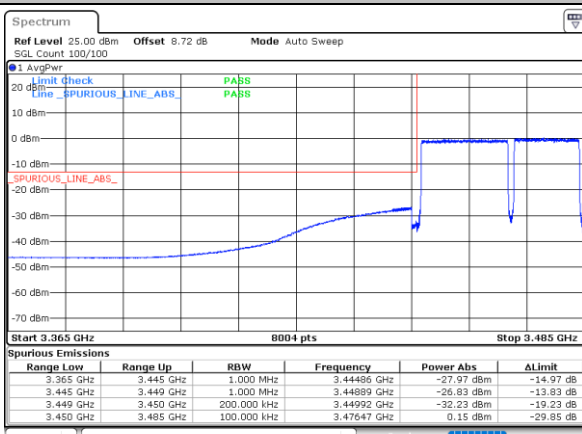
Lowest Band Edge / 1RB99 and 1RB0



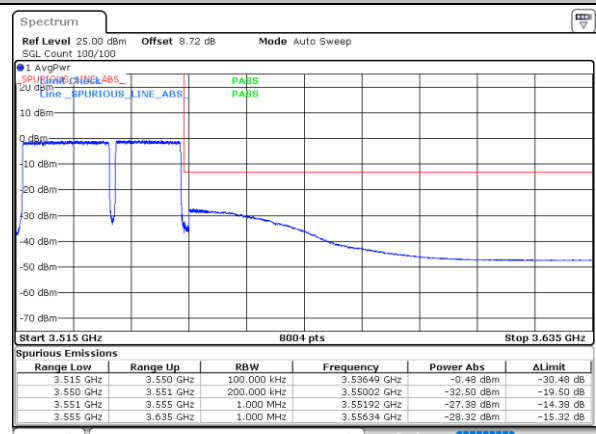
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

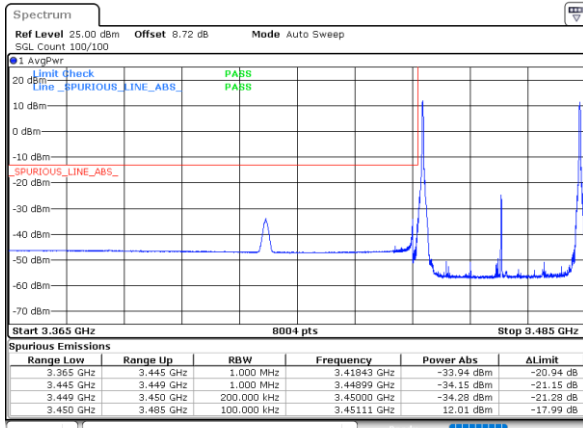




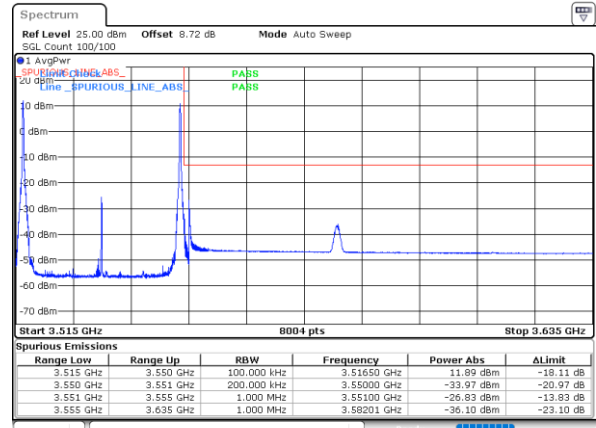
LTE Band 42C / 20MHz+15MHz

16QAM

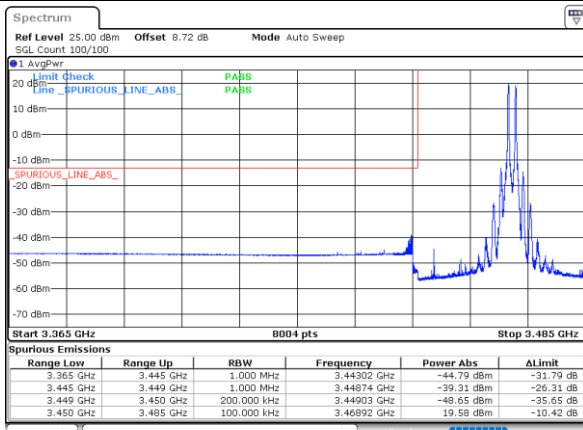
Lowest Band Edge / 1RB0 and 1RB74



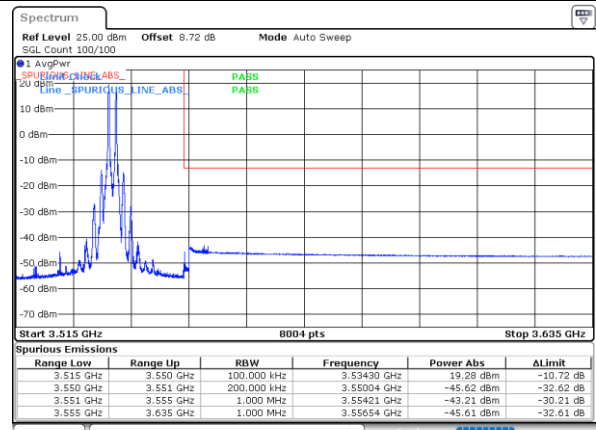
Highest Band Edge / 1RB0 and 1RB74



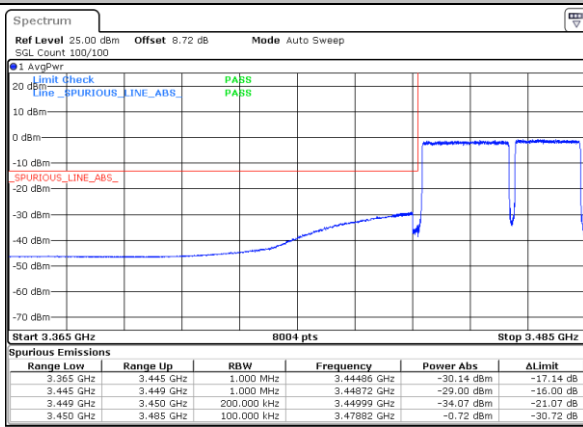
Lowest Band Edge / 1RB99 and 1RB0



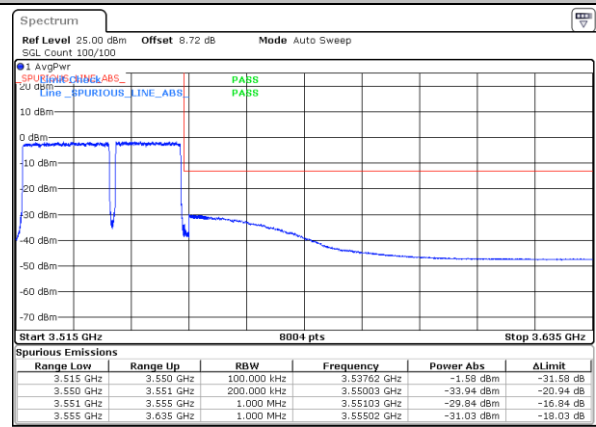
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

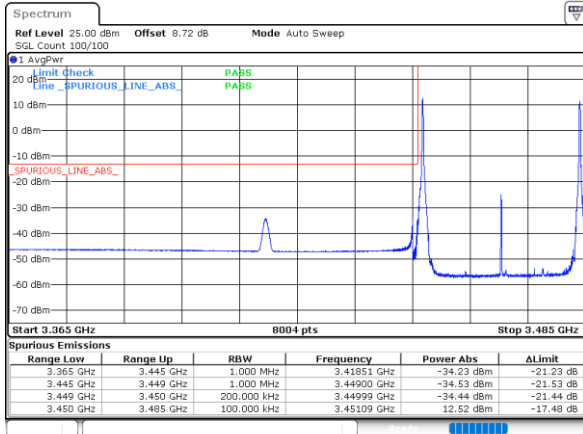




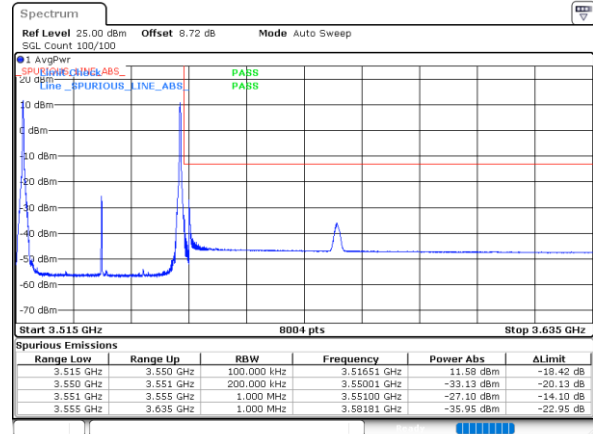
LTE Band 42C / 20MHz+15MHz

64QAM

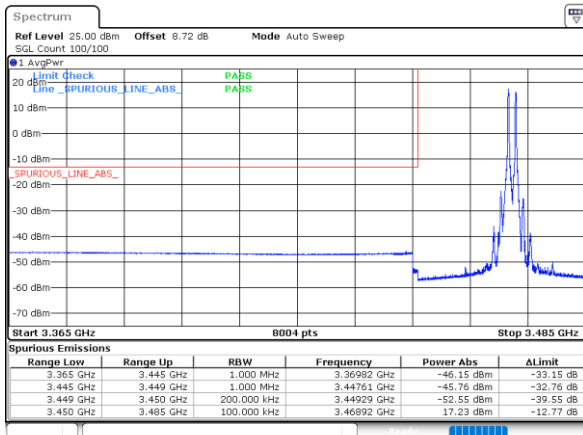
Lowest Band Edge / 1RB0 and 1RB74



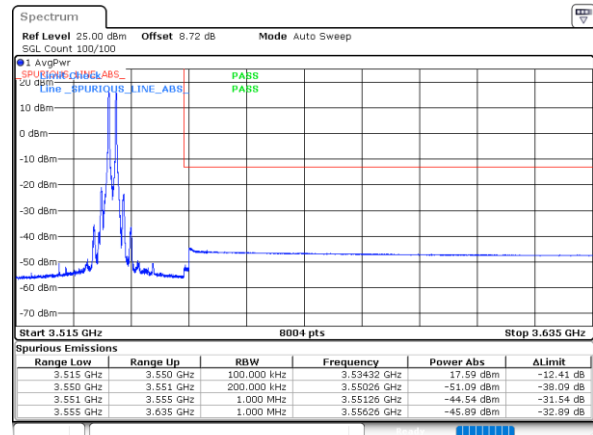
Highest Band Edge / 1RB0 and 1RB74



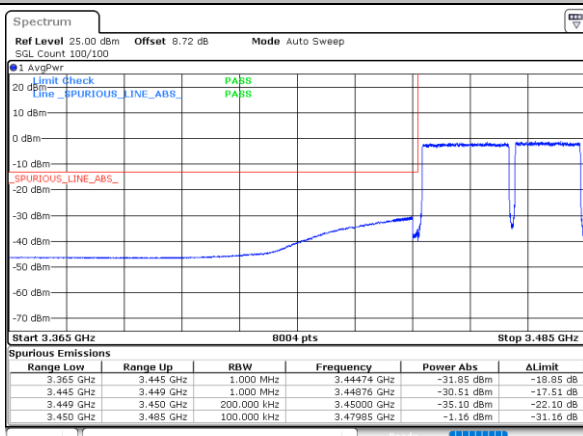
Lowest Band Edge / 1RB99 and 1RB0



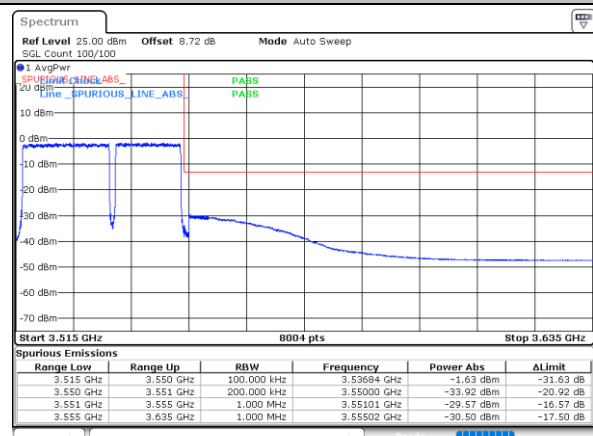
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

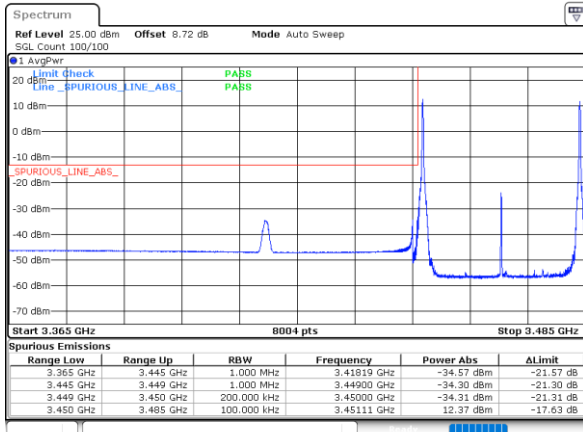




LTE Band 42C / 20MHz+15MHz

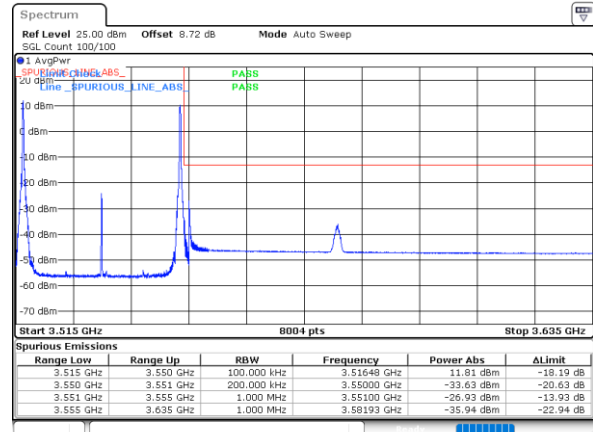
256QAM

Lowest Band Edge / 1RB0 and 1RB74



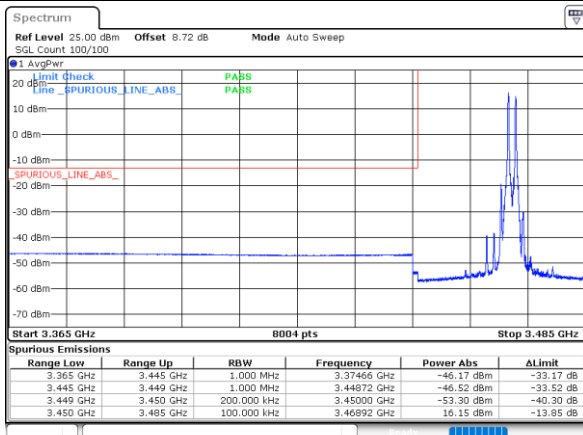
Date: 15.NOV.2024 19:07:05

Highest Band Edge / 1RB0 and 1RB74



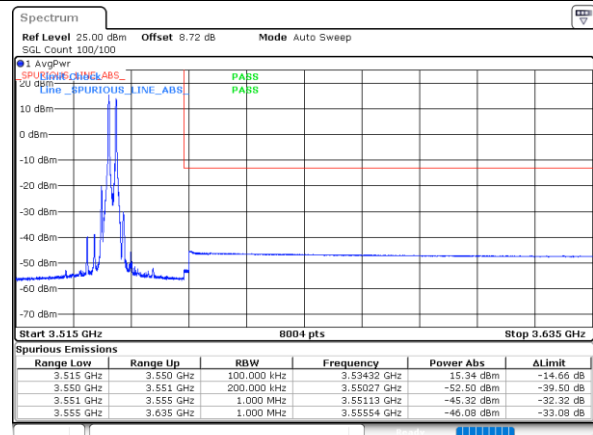
Date: 15.NOV.2024 19:24:46

Lowest Band Edge / 1RB99 and 1RB0



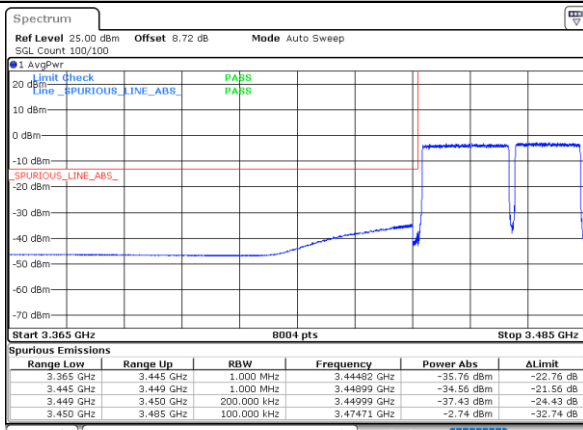
Date: 15.NOV.2024 18:57:20

Highest Band Edge / 1RB99 and 1RB0



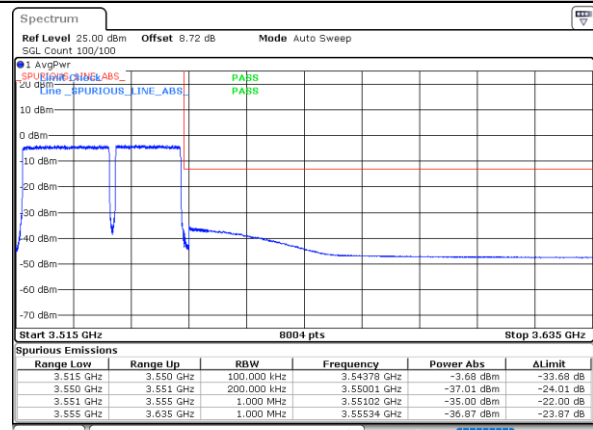
Date: 15.NOV.2024 19:15:02

Lowest Band Edge / Full RB



Date: 15.NOV.2024 19:02:13

Highest Band Edge / Full RB

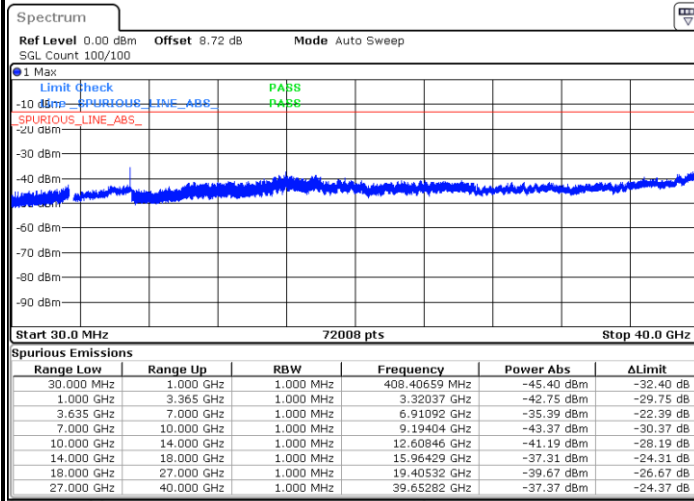


Date: 15.NOV.2024 19:19:54



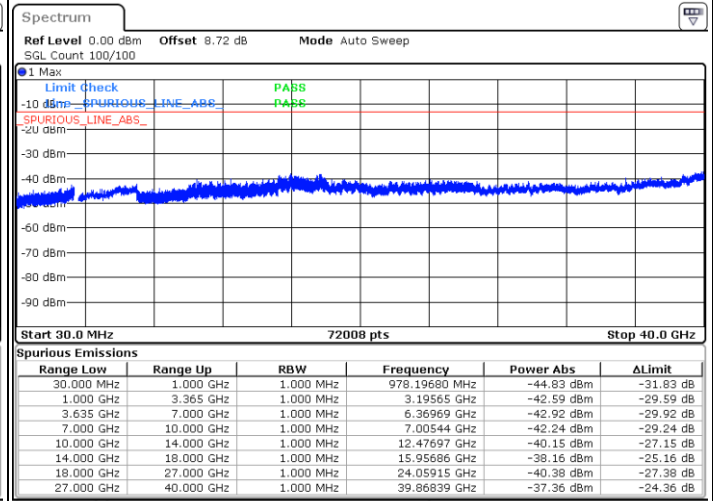
Conducted Spurious Emission

LTE Band 42C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0



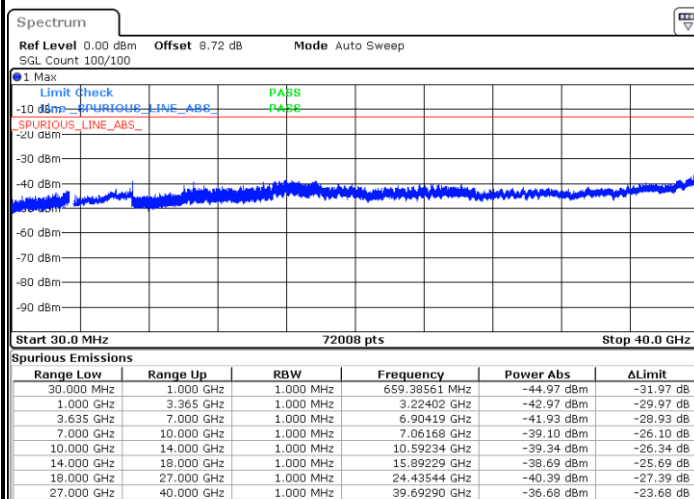
Date: 15.NOV.2024 14:19:18

LTE Band 42C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

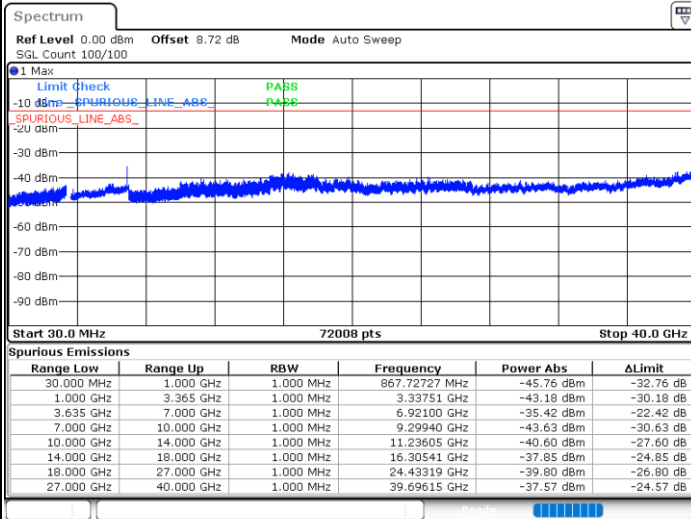


Date: 15.NOV.2024 14:20:52

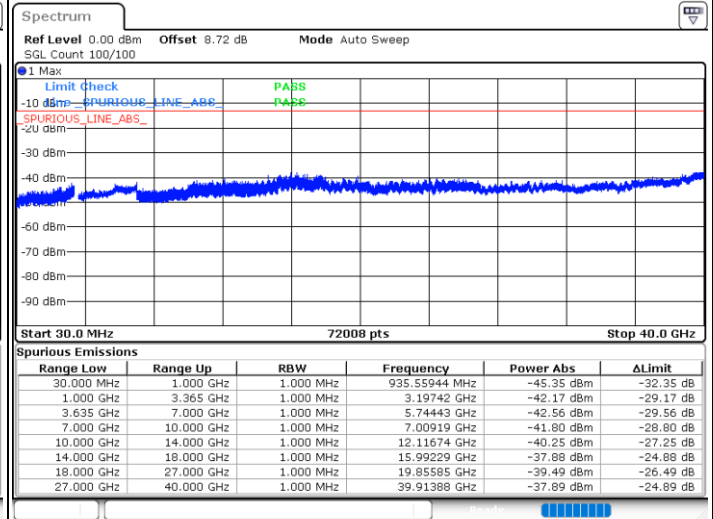
LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



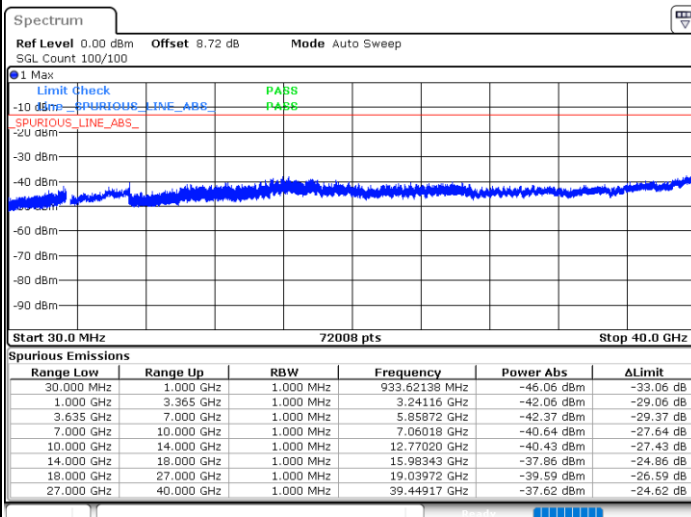
Date: 15.NOV.2024 14:39:18

LTE Band 42C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0LTE Band 42C / 10MHz+20MHz QPSK Middle
Channel / 1RB49 and 1RB0

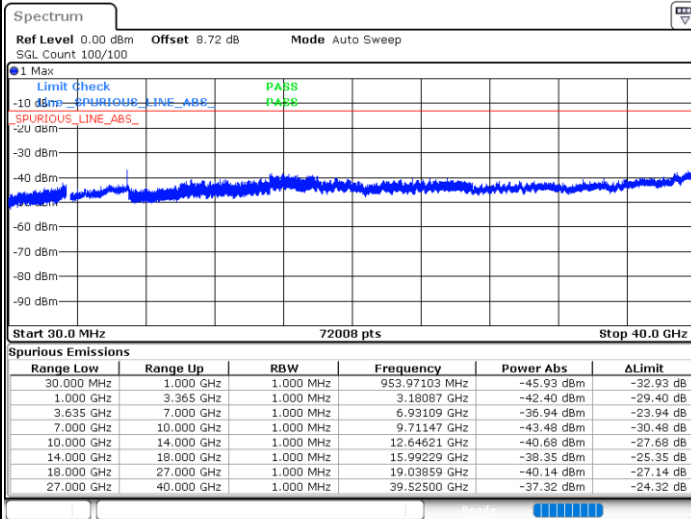
Date: 15.NOV.2024 15:14:25



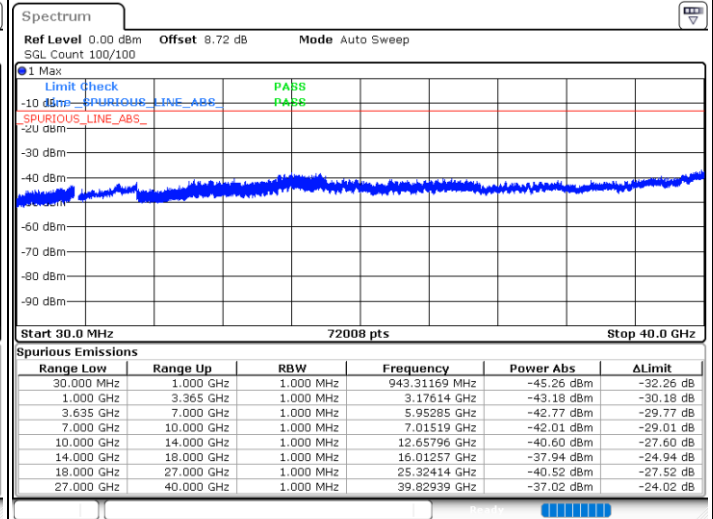
Date: 15.NOV.2024 15:15:58

LTE Band 42C / 10MHz+20MHz QPSK Highest
Channel / 1RB49 and 1RB0

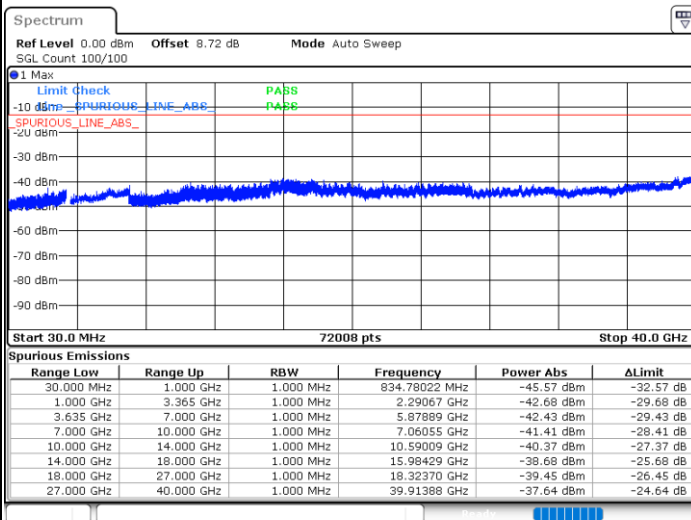
Date: 15.NOV.2024 15:33:05

LTE Band 42C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0LTE Band 42C / 15MHz+20MHz QPSK Middle
Channel / 1RB74 and 1RB0

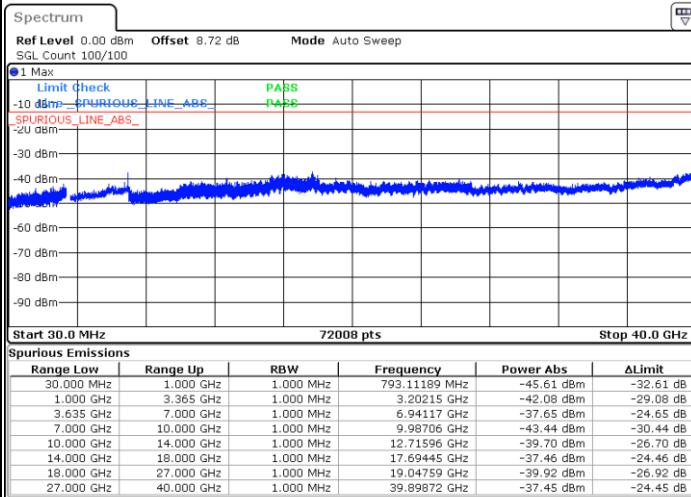
Date: 15.NOV.2024 16:52:25



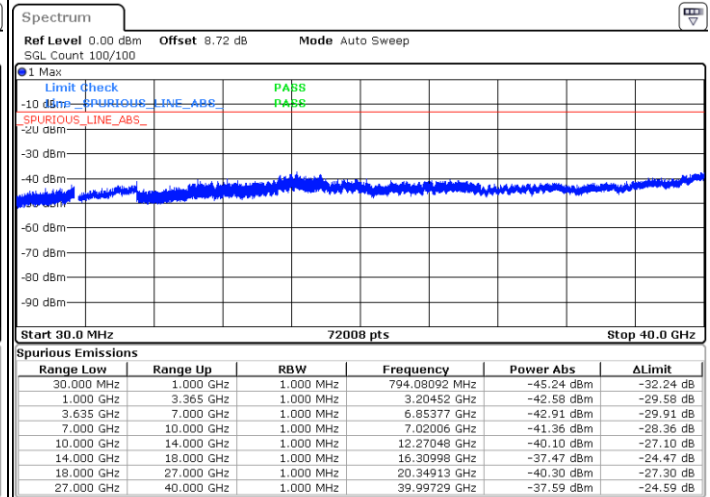
Date: 15.NOV.2024 16:53:58

LTE Band 42C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0

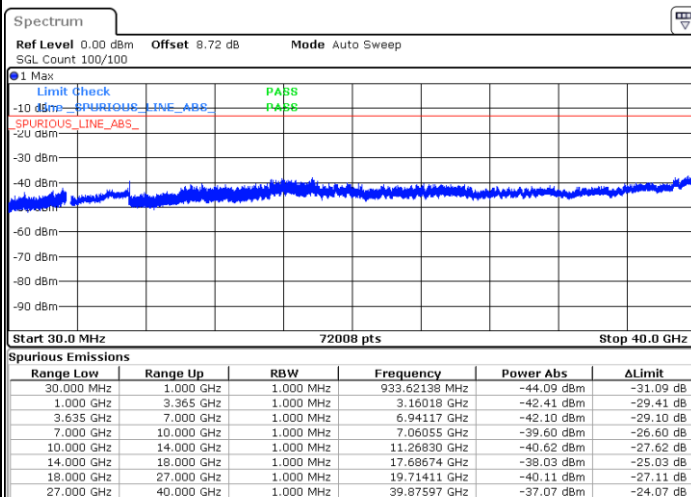
Date: 15.NOV.2024 17:10:02

LTE Band 42C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0

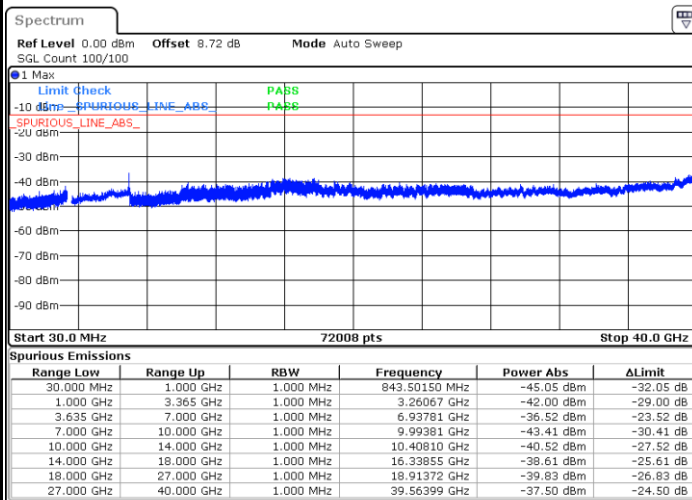
Date: 15.NOV.2024 17:26:55



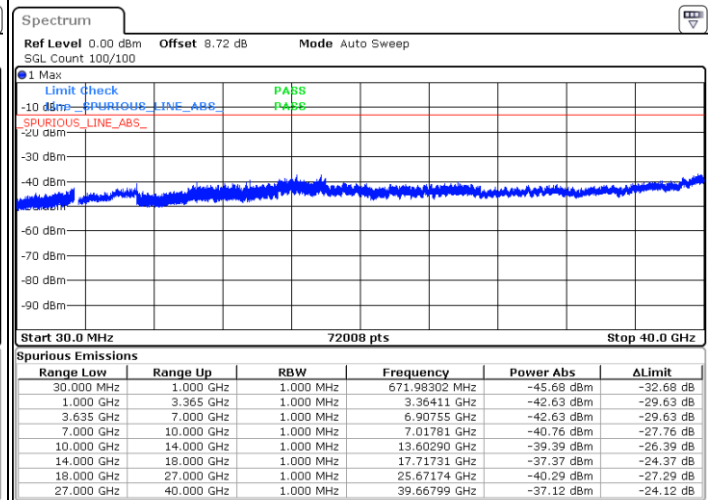
Date: 15.NOV.2024 17:28:28

LTE Band 42C / 20MHz+20MHz QPSK Highest
Channel / 1RB99 and 1RB0

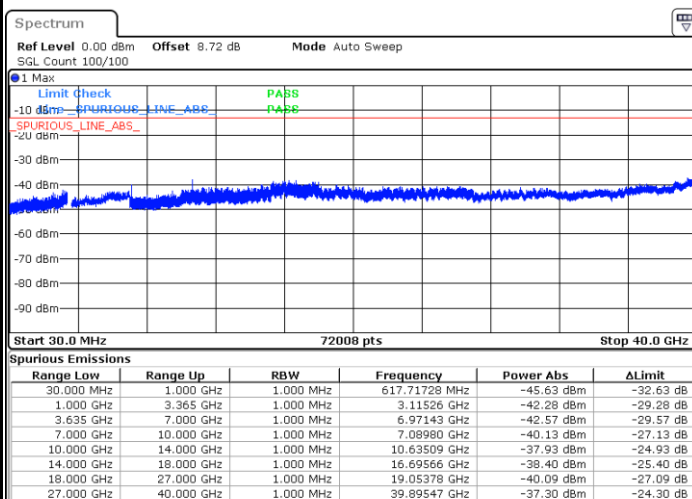
Date: 15.NOV.2024 17:44:36

LTE Band 42C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0

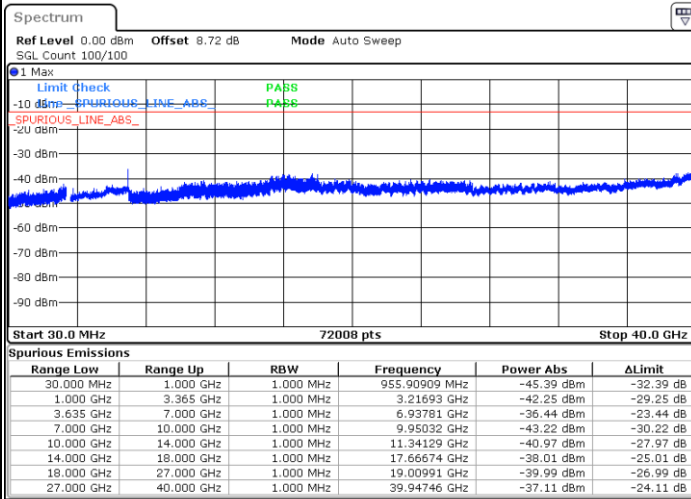
Date: 15.NOV.2024 18:00:44

LTE Band 42C / 20MHz+5MHz QPSK Middle Channel
/ 1RB99 and 1RB0

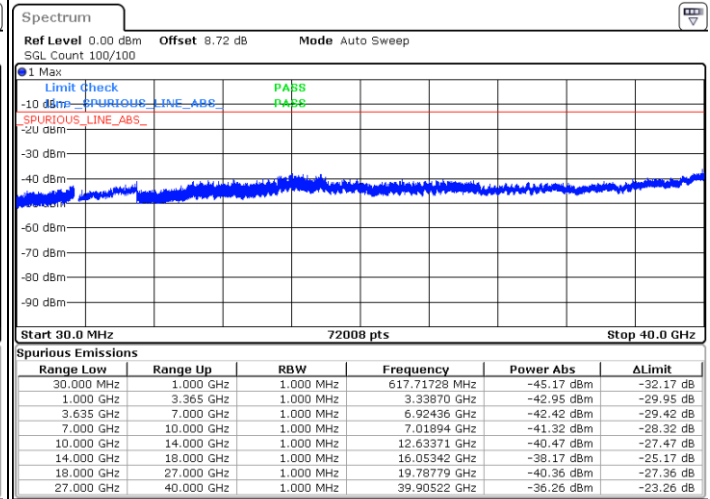
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LTE Band 42C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0

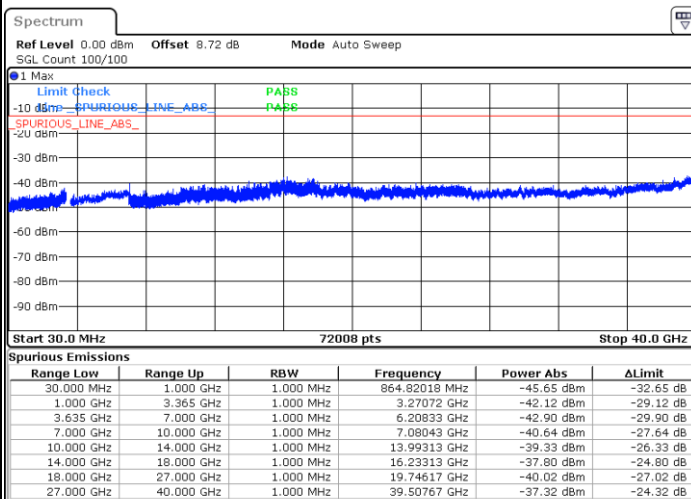
Date: 15.NOV.2024 18:18:26

LTE Band 42C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0

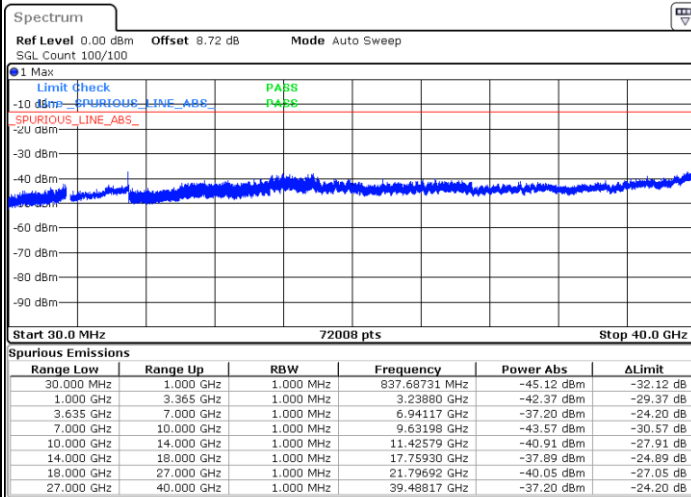
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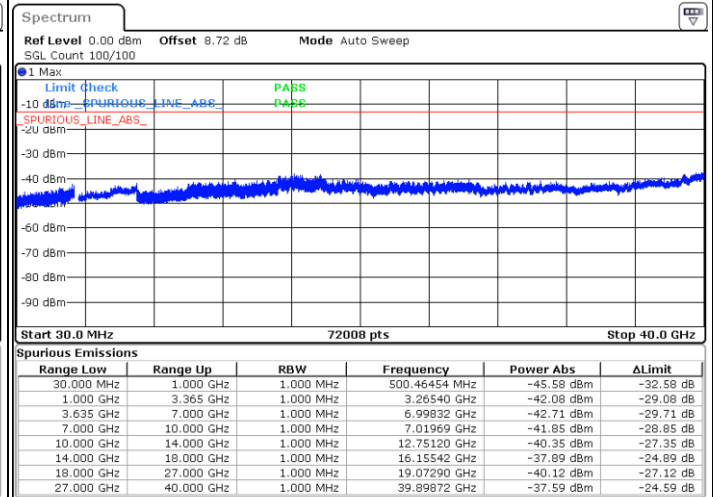
Date: 15.NOV.2024 18:36:11

LTE Band 42C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0

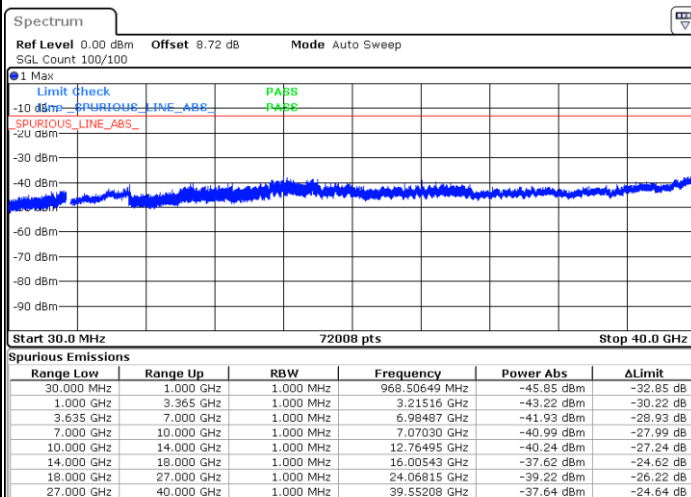
Date: 15.NOV.2024 18:52:22

**LTE Band 42C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0****LTE Band 42C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0**

Date: 15.NOV.2024 19:08:32



Date: 15.NOV.2024 19:10:05

**LTE Band 42C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0**

Date: 15.NOV.2024 19:26:13

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.87 ; Battery End Point (BEP) =3.65 ; Maximum Voltage =4.45.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 42 / 20MHz / QPSK / Ant. 3									
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)
Lowest	6802.00	-50.43	-13	-37.43	-56.65	-53.76	8.25	11.58	H
	10203.00	-53.80	-13	-40.80	-64.92	-55.35	10.45	12.00	H
	13604.00	-43.06	-13	-30.06	-57.67	-44.77	11.74	13.45	H
	6802.00	-44.21	-13	-31.21	-52.81	-47.54	8.25	11.58	V
	10203.00	-51.53	-13	-38.53	-63.92	-53.08	10.45	12.00	V
	13604.00	-49.50	-13	-36.50	-62.51	-51.21	11.74	13.45	V
Middle	6982.00	-43.06	-13	-30.06	-49.78	-46.36	8.30	11.60	H
	10473.00	-55.19	-13	-42.19	-66.73	-56.71	10.48	12.00	H
	13964.00	-41.56	-13	-28.56	-55.81	-43.26	11.80	13.50	H
	6982.00	-44.40	-13	-31.40	-51.49	-47.70	8.30	11.60	V
	10473.00	-54.76	-13	-41.76	-68.51	-56.28	10.48	12.00	V
	13964.00	-49.65	-13	-36.65	-63.05	-51.35	11.80	13.50	V
Highest	7162.00	-48.85	-13	-35.85	-56.22	-52.15	8.32	11.62	H
	10743.00	-49.45	-13	-36.45	-62.35	-51.13	10.52	12.20	H
	14324.00	-49.08	-13	-36.08	-63.98	-50.78	11.85	13.55	H
	7162.00	-47.38	-13	-34.38	-56.39	-50.68	8.32	11.62	V
	10743.00	-44.33	-13	-31.33	-59.76	-46.01	10.52	12.20	V
	14324.00	-55.26	-13	-42.26	-69.64	-56.96	11.85	13.55	V

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

LTE Band 42C / 20MHz + 20MHz / QPSK / Ant. 3									
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)
Lowest	6939.80	-47.21	-13	-34.21	-53.80	-50.54	8.25	11.58	H
	10409.70	-51.96	-13	-38.96	-63.42	-53.51	10.45	12.00	H
	13879.60	-42.45	-13	-29.45	-56.77	-44.16	11.74	13.45	H
	6939.80	-44.07	-13	-31.07	-51.58	-47.40	8.25	11.58	V
	10409.70	-53.81	-13	-40.81	-67.3	-55.36	10.45	12.00	V
	13879.60	-48.59	-13	-35.59	-61.90	-50.30	11.74	13.45	V
Middle	7000.00	-50.47	-13	-37.47	-57.24	-53.77	8.30	11.60	H
	10500.00	-52.44	-13	-39.44	-64.04	-53.96	10.48	12.00	H
	14000.00	-44.40	-13	-31.40	-58.61	-46.10	11.80	13.50	H
	7000.00	-47.25	-13	-34.25	-54.2	-50.55	8.30	11.60	V
	10500.00	-53.15	-13	-40.15	-67.07	-54.67	10.48	12.00	V
	14000.00	-51.29	-13	-38.29	-64.72	-52.99	11.80	13.50	V
Highest	7060.20	-48.77	-13	-35.77	-55.74	-52.07	8.32	11.62	H
	10590.30	-48.52	-13	-35.52	-60.59	-50.20	10.52	12.20	H
	14120.40	-44.09	-13	-31.09	-58.55	-45.79	11.85	13.55	H
	7060.20	-49.11	-13	-36.11	-56.75	-52.41	8.32	11.62	V
	10590.30	-50.02	-13	-37.02	-64.48	-51.70	10.52	12.20	V
	14120.40	-52.69	-13	-39.69	-66.47	-54.39	11.85	13.55	V

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