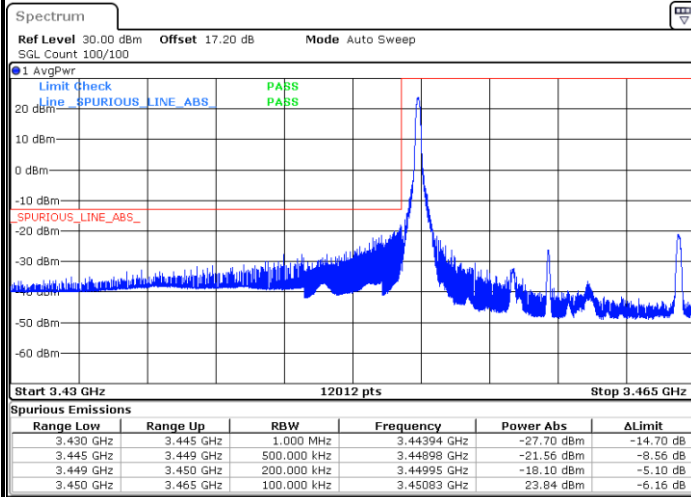


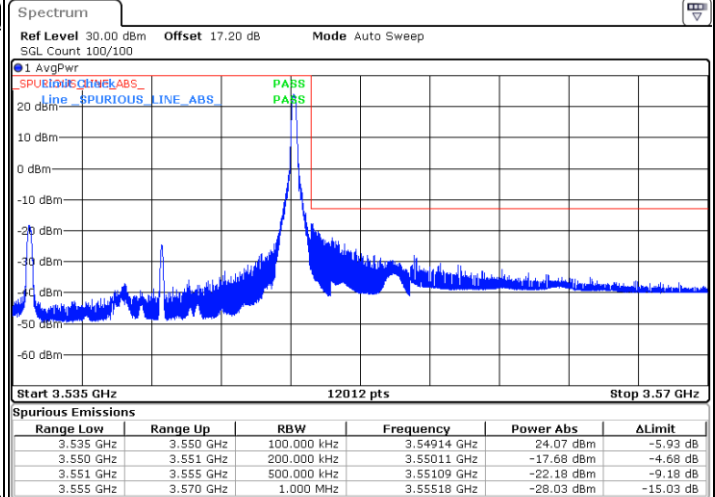


LTE Band 42 / 15MHz / QPSK

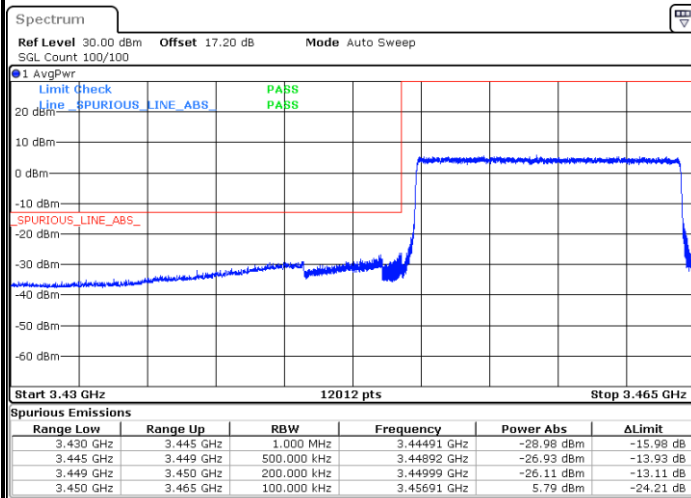
Lowest Band Edge / 1 RB



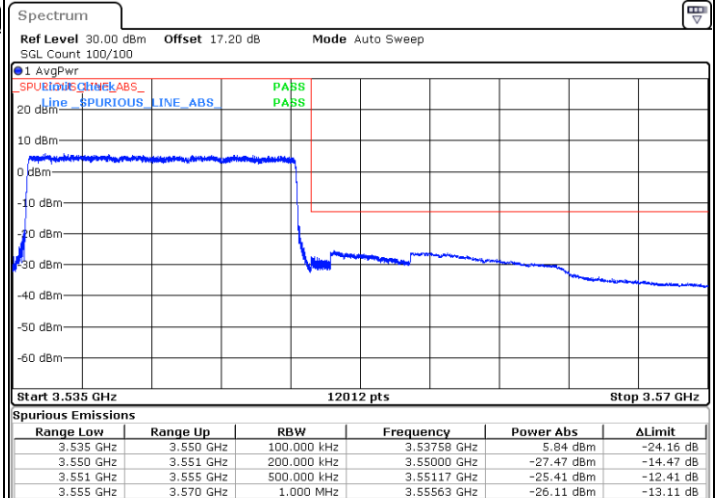
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



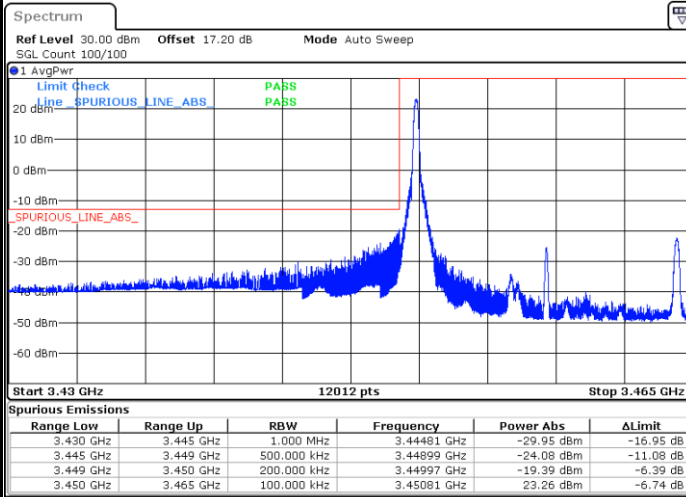
Highest Band Edge / Full RB



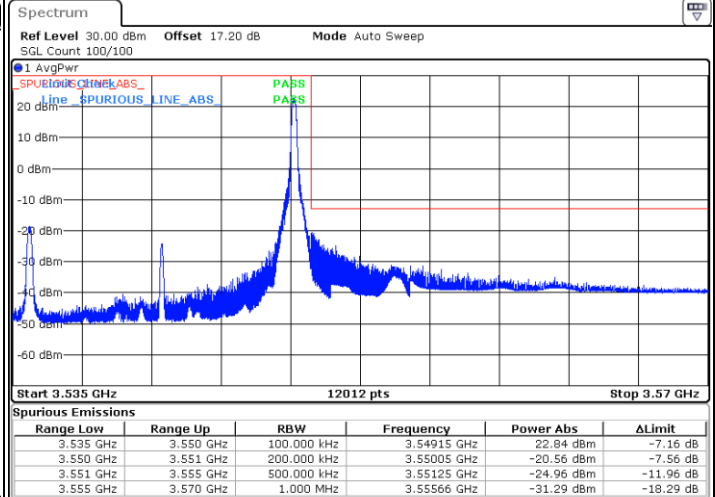


LTE Band 42 / 15MHz / 16QAM

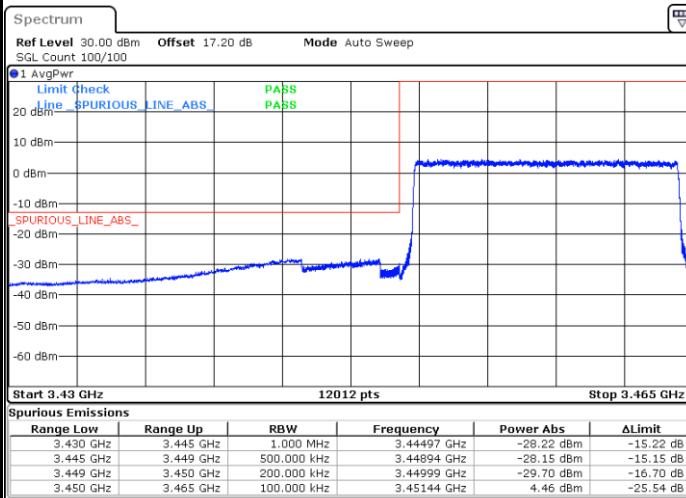
Lowest Band Edge / 1 RB



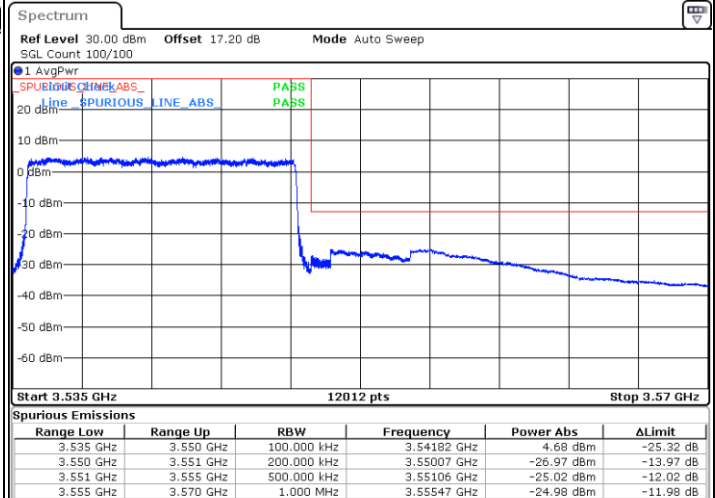
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



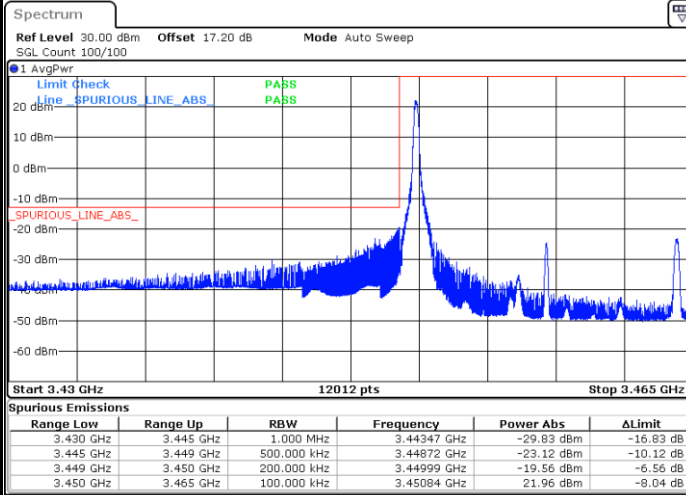
Highest Band Edge / Full RB



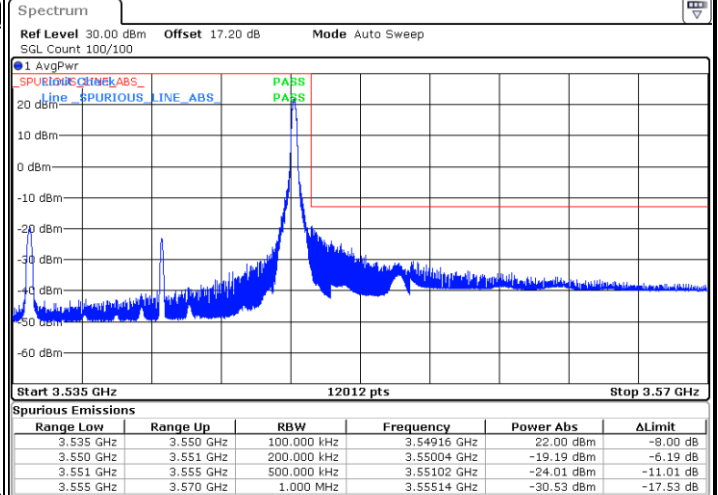


LTE Band 42 / 15MHz / 64QAM

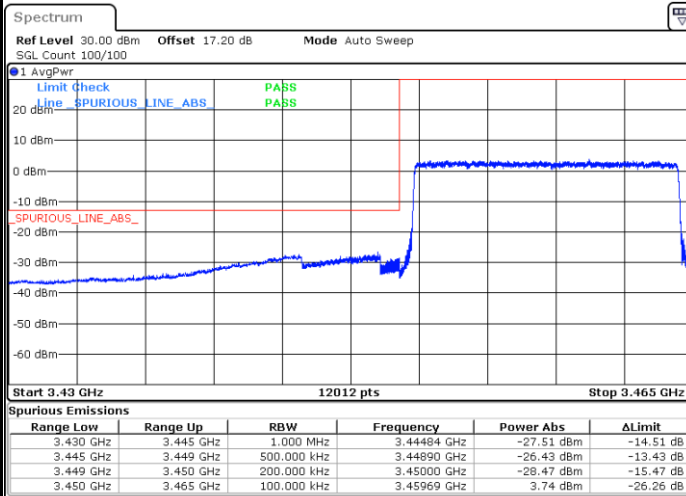
Lowest Band Edge / 1 RB



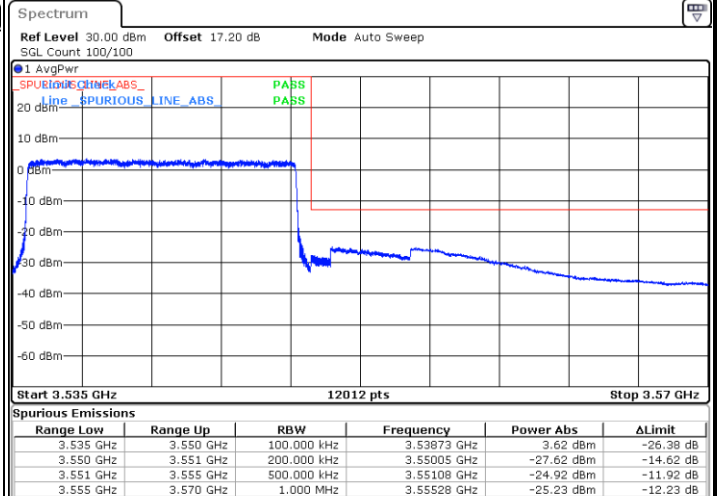
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



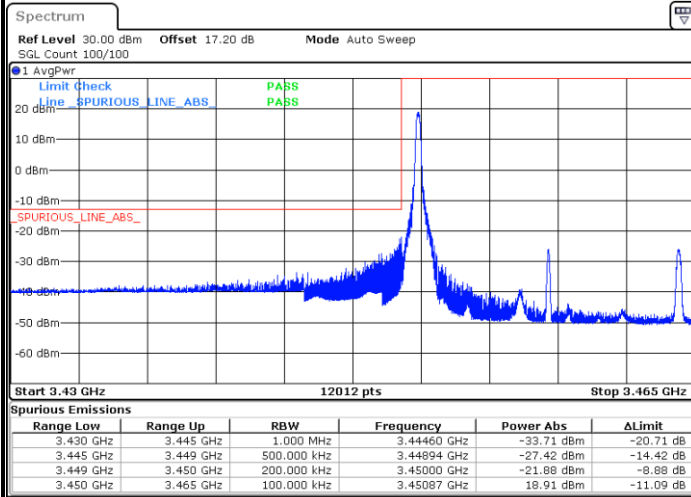
Highest Band Edge / Full RB





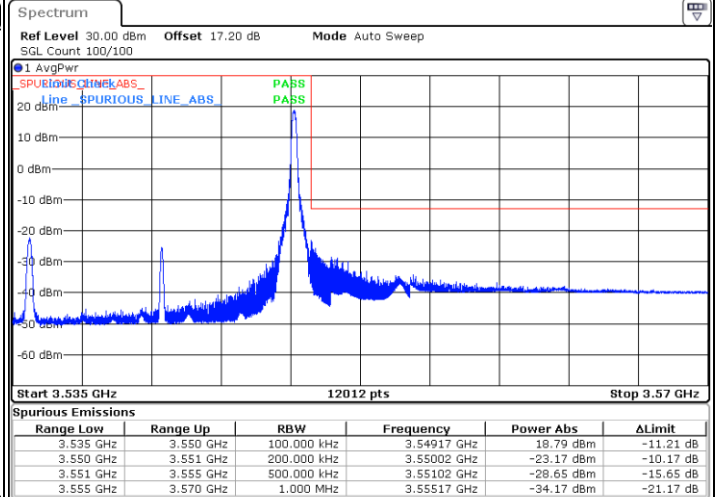
LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



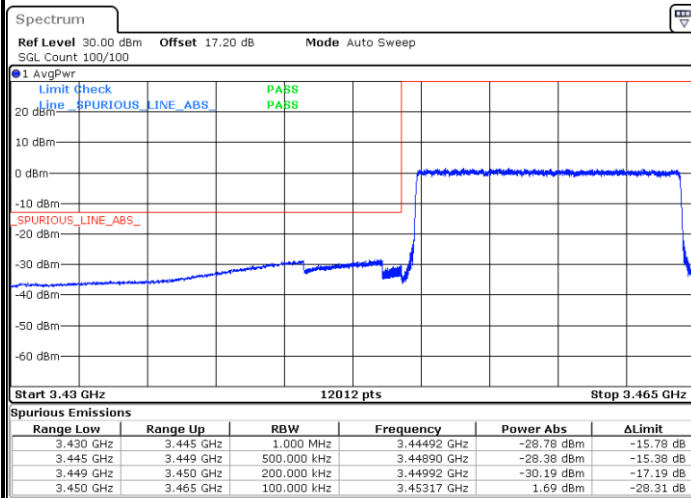
Date: 28.SEP.2022 12:01:20

Highest Band Edge / 1 RB



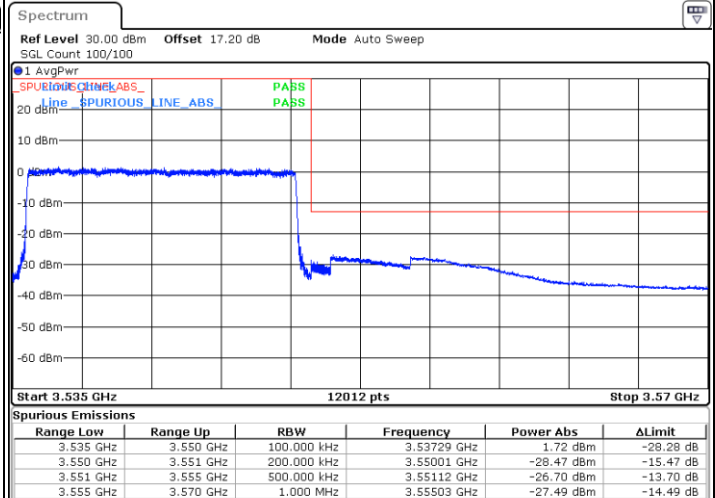
Date: 28.SEP.2022 13:39:41

Lowest Band Edge / Full RB



Date: 28.SEP.2022 12:05:19

Highest Band Edge / Full RB

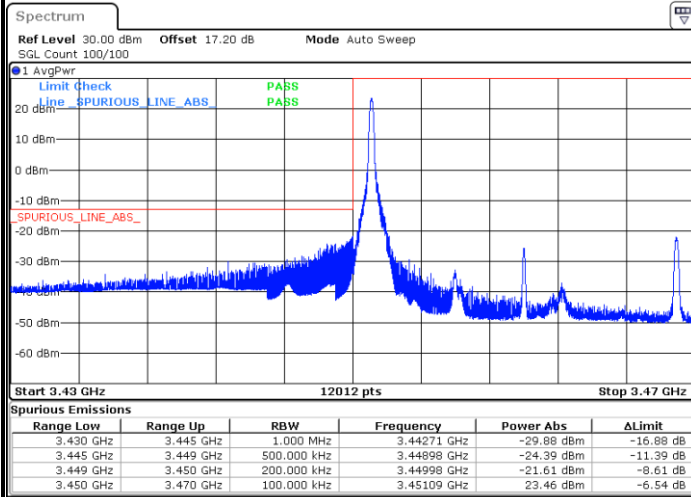


Date: 28.SEP.2022 13:35:42

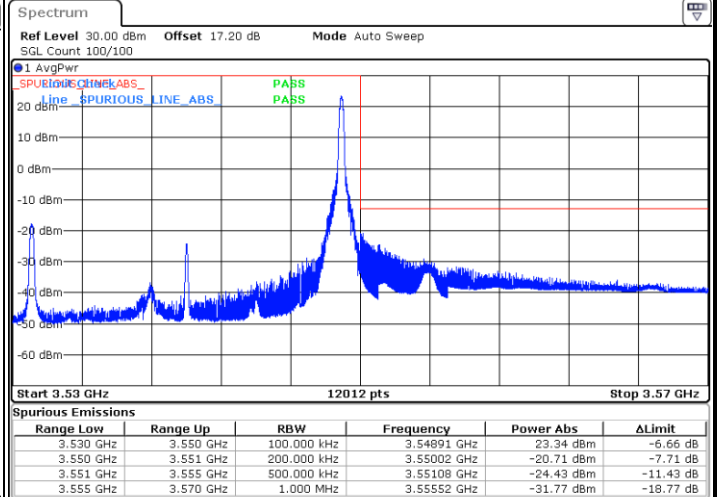


LTE Band 42 / 20MHz / QPSK

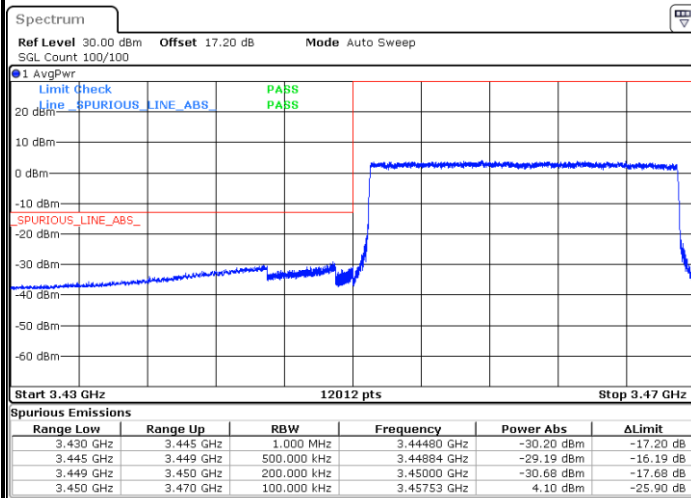
Lowest Band Edge / 1 RB



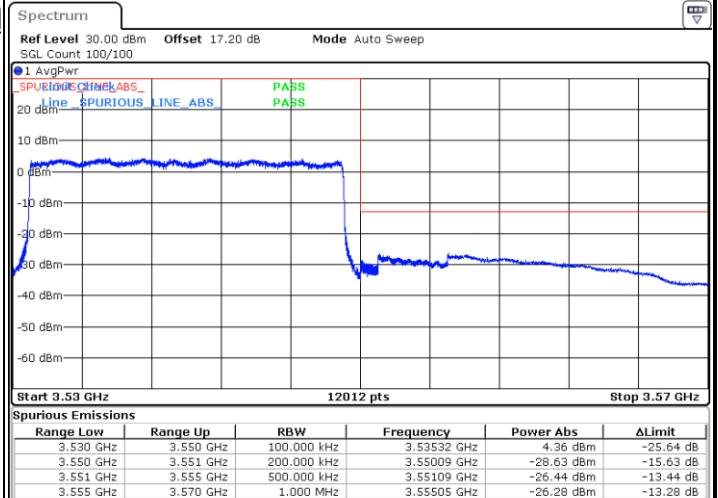
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



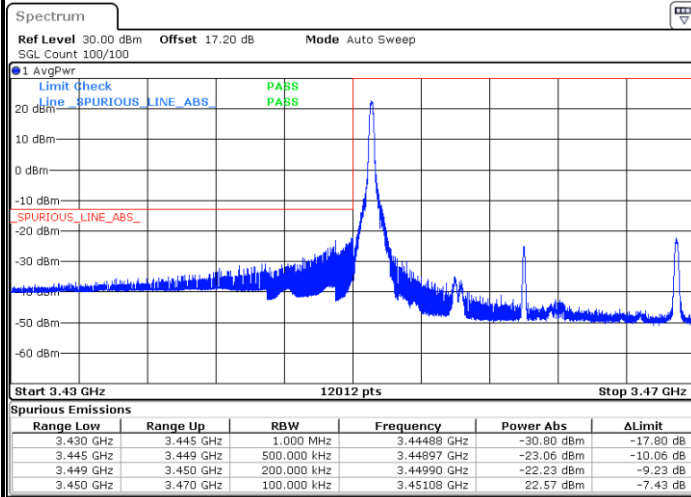
Highest Band Edge / Full RB





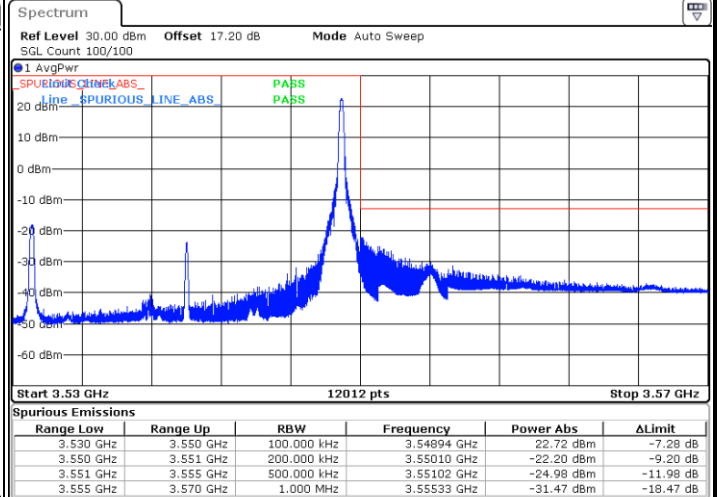
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



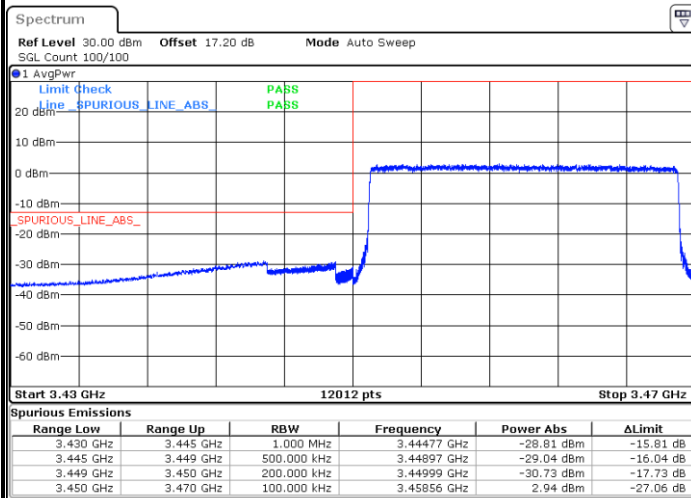
Date: 28.SEP.2022 13:46:09

Highest Band Edge / 1 RB



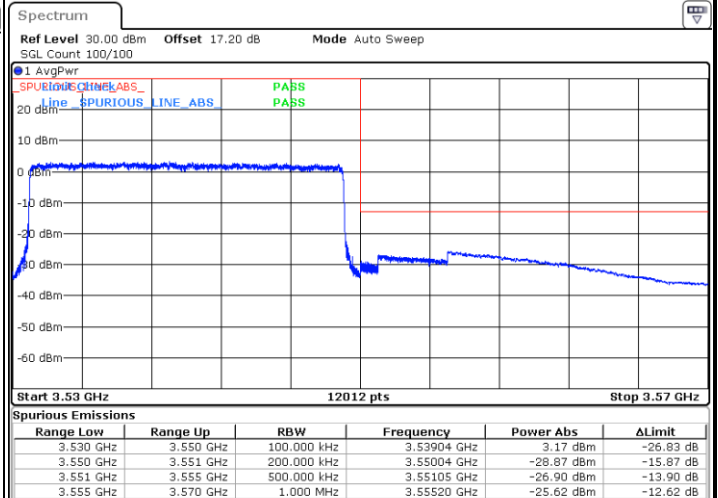
Date: 28.SEP.2022 13:57:56

Lowest Band Edge / Full RB



Date: 28.SEP.2022 13:50:05

Highest Band Edge / Full RB

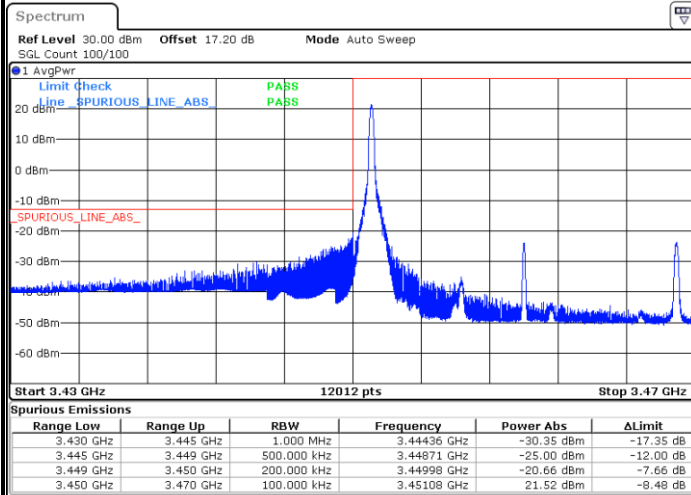


Date: 28.SEP.2022 13:54:00

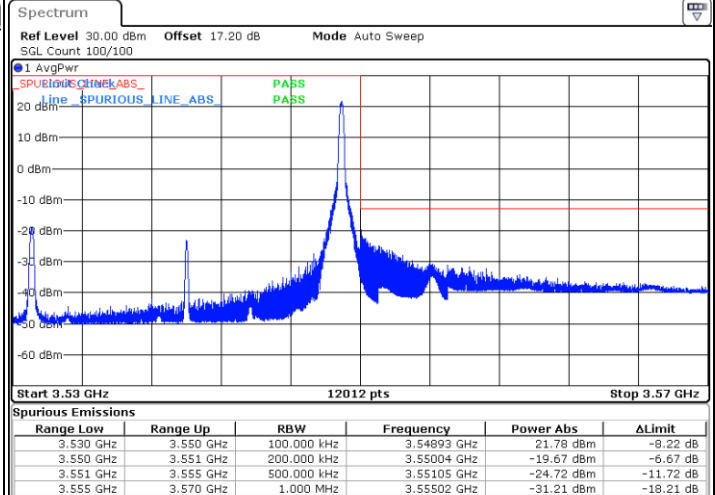


LTE Band 42 / 20MHz / 64QAM

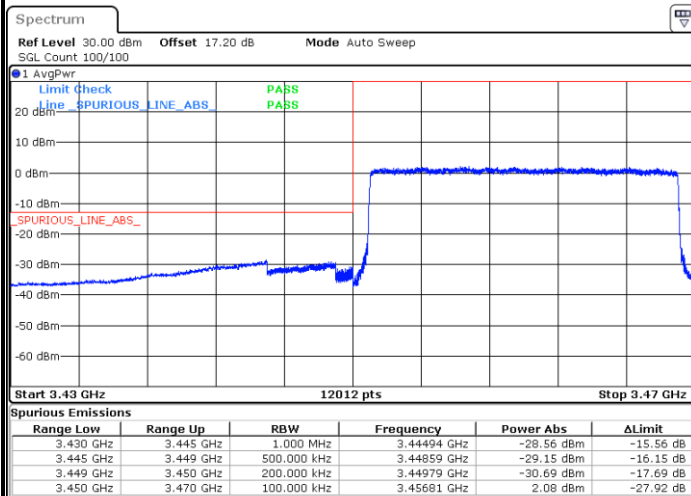
Lowest Band Edge / 1 RB



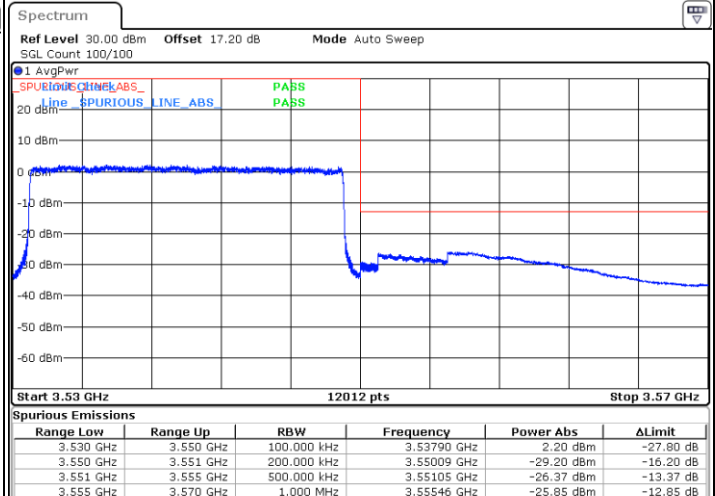
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



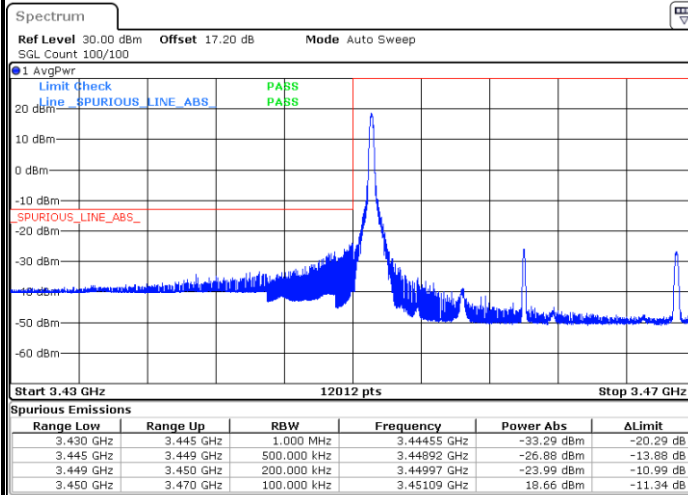
Highest Band Edge / Full RB



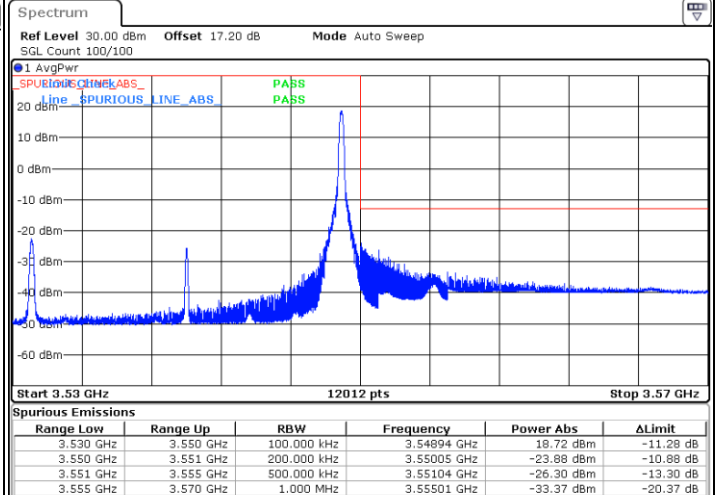


LTE Band 42 / 20MHz / 256QAM

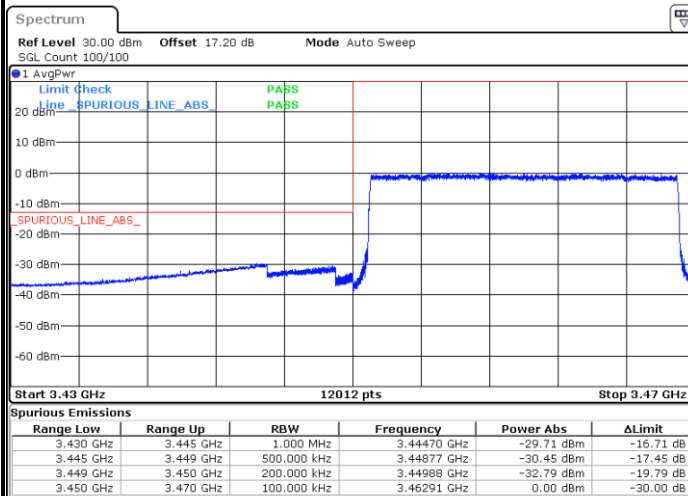
Lowest Band Edge / 1 RB



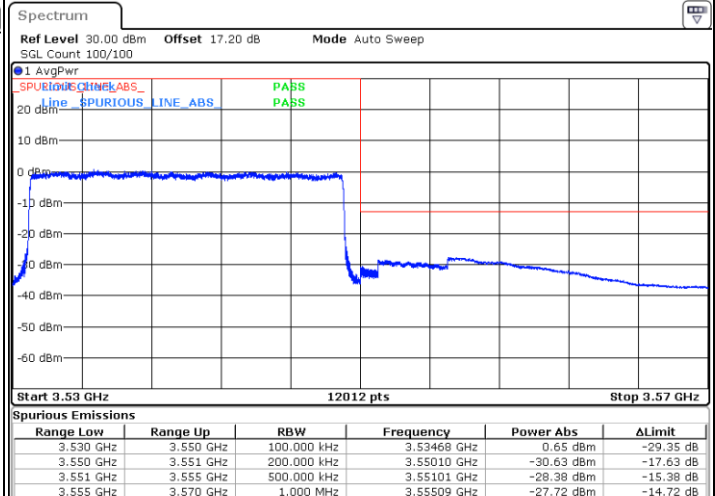
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

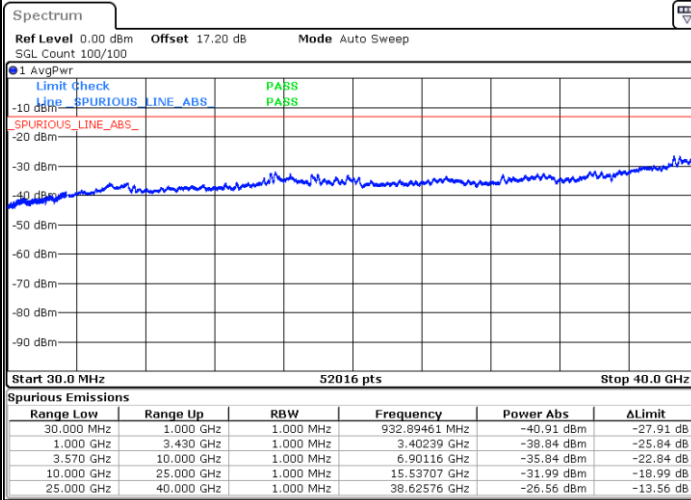




Conducted Spurious Emission

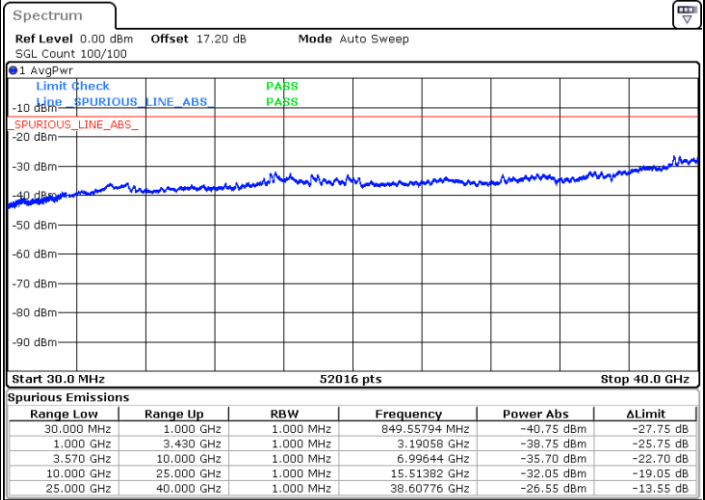
LTE Band 42 / 5MHz

Lowest Channel / QPSK



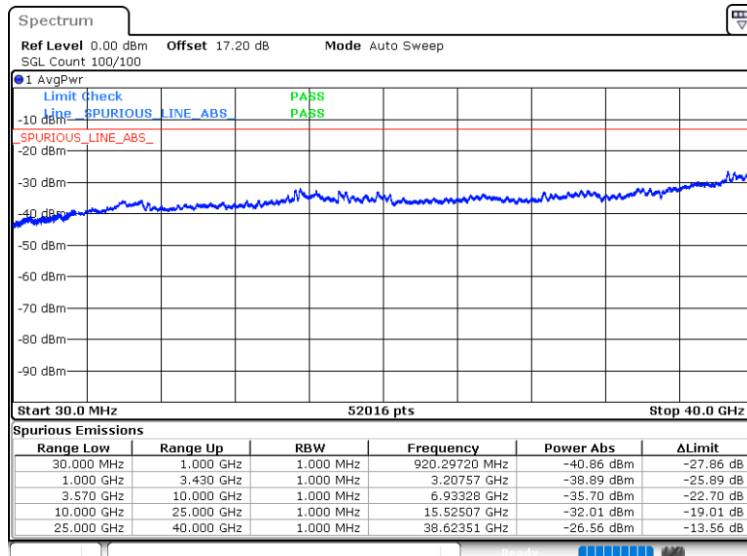
Date: 28.SEP.2022 11:34:11

Middle Channel / QPSK



Date: 28.SEP.2022 11:35:38

Highest Channel / QPSK

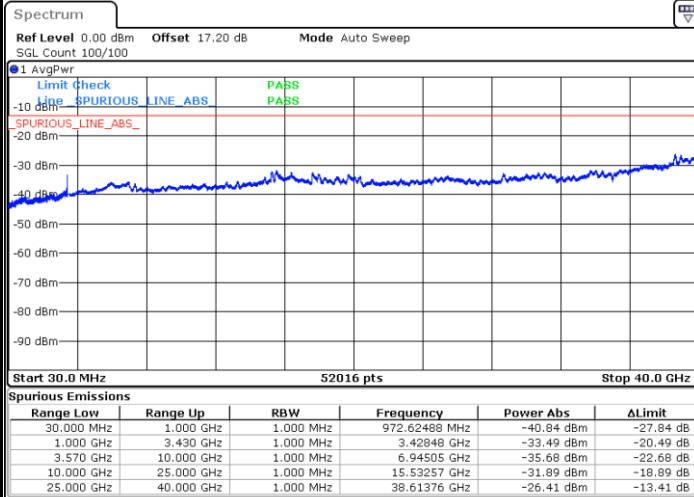


Date: 28.SEP.2022 11:37:06



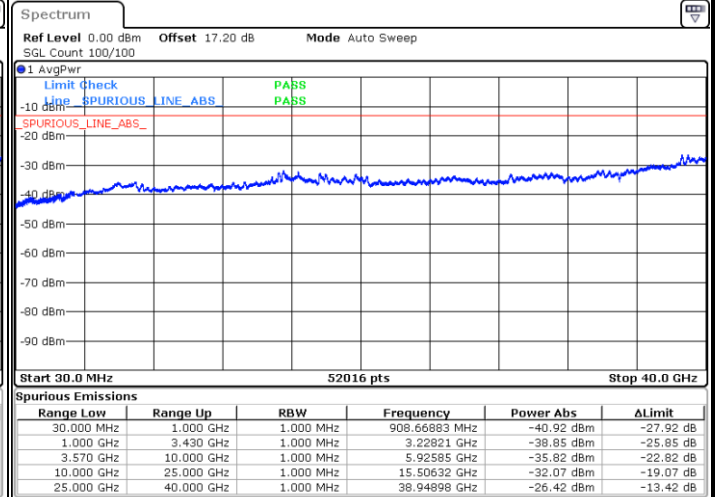
LTE Band 42 / 10MHz

Lowest Channel / QPSK



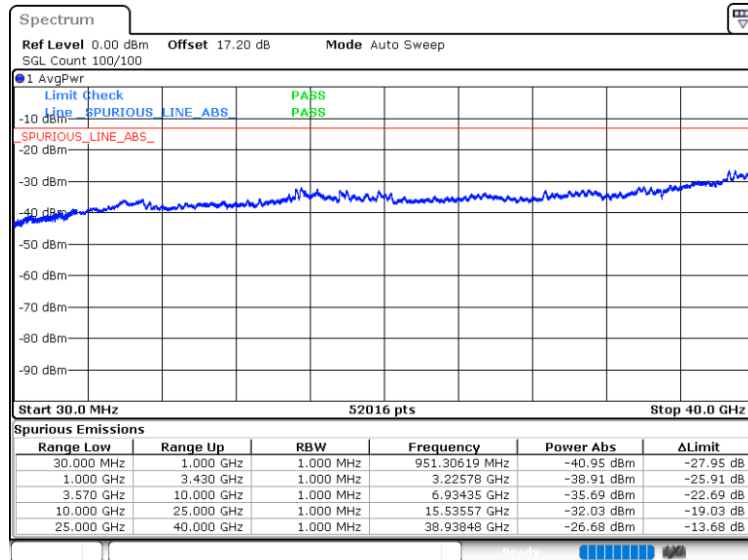
Date: 28.SEP.2022 11:54:26

Middle Channel / QPSK



Date: 28.SEP.2022 11:55:54

Highest Channel / QPSK

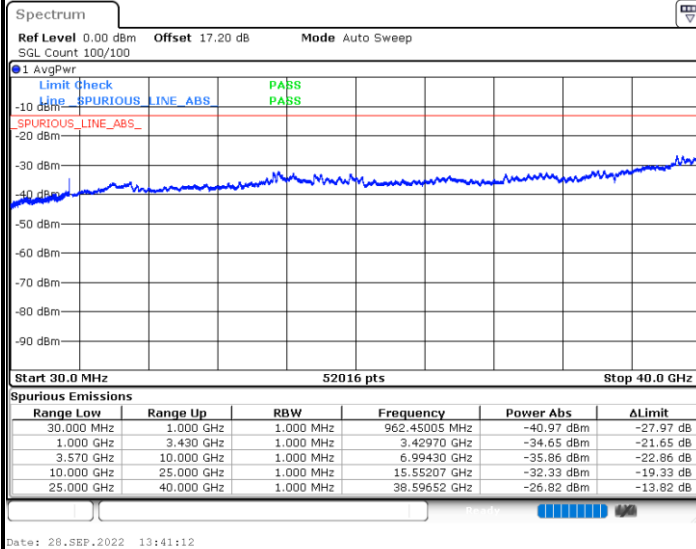


Date: 28.SEP.2022 11:57:22

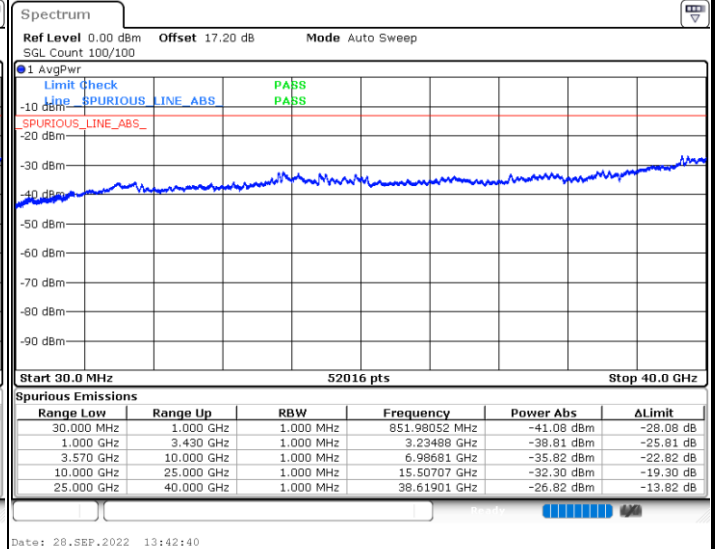


LTE Band 42 / 15MHz

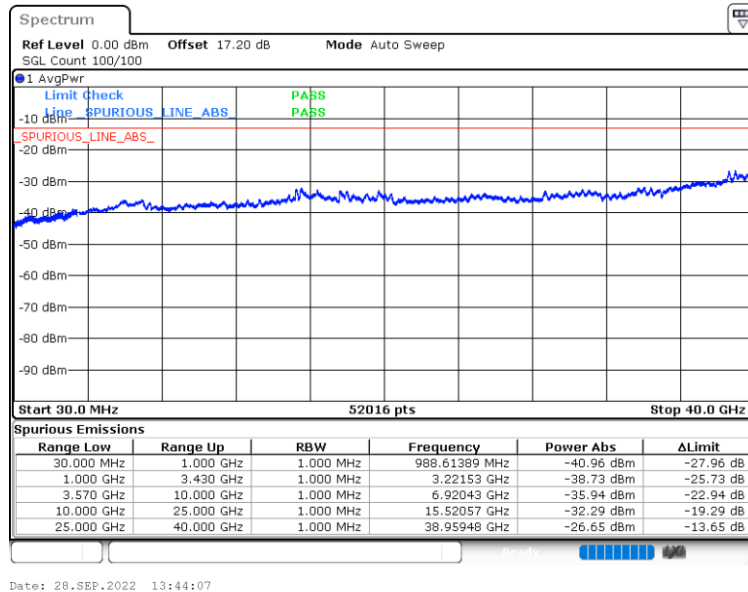
Lowest Channel / QPSK



Middle Channel / QPSK



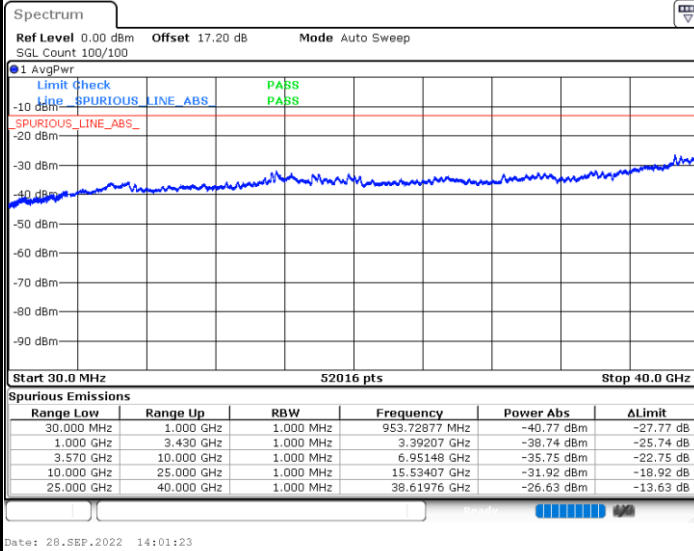
Highest Channel / QPSK



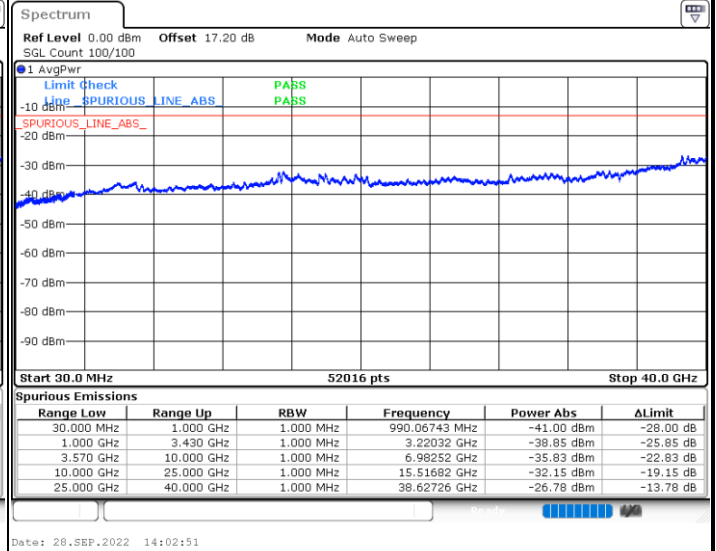


LTE Band 42 / 20MHz

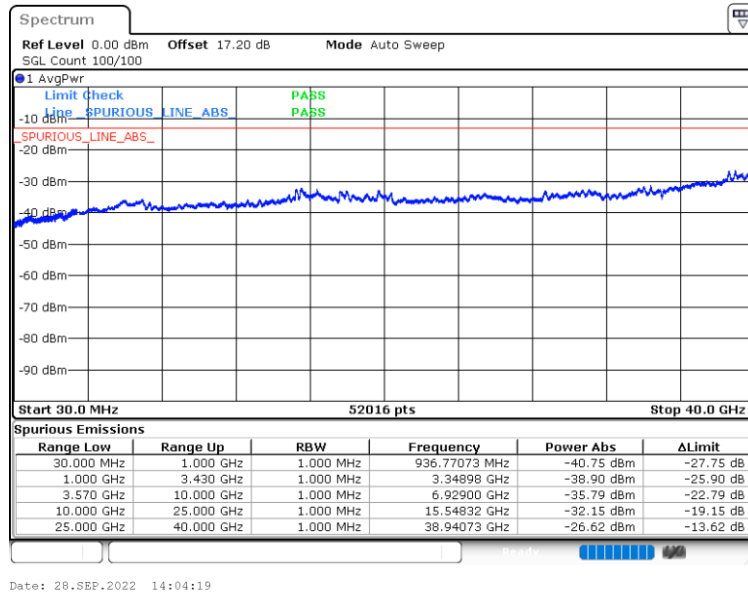
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



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	0.0033	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 12>

LTE Band 42

LTE Band 42 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-57.03	-40	-17.03	-55.16	-66.73	1.84	11.55	H
	10653	-54.52	-40	-14.52	-57.12	-62.99	2.23	10.71	H
	14204	-47.81	-40	-7.81	-56.54	-57.44	2.65	12.28	H
	21306	-62.55	-40	-22.55	-76.91	-77.40	3.32	18.17	H
	24857	-56.90	-40	-16.90	-75.18	-71.67	3.71	18.49	H
	28408	-55.92	-40	-15.92	-76.43	-71.39	3.99	19.46	H
	7102	-56.99	-40	-16.99	-55.36	-66.69	1.84	11.55	V
	10653	-54.88	-40	-14.88	-57.07	-63.35	2.23	10.71	V
	14204	-49.60	-40	-9.60	-58.2	-59.23	2.65	12.28	V
	21306	-62.82	-40	-22.82	-76.88	-77.67	3.32	18.17	V
	24857	-57.13	-40	-17.13	-75.09	-71.90	3.71	18.49	V
	28408	-56.19	-40	-16.19	-76.28	-71.66	3.99	19.46	V
Middle	7132	-58.09	-40	-18.09	-56.31	-67.72	1.84	11.47	H
	10698	-53.77	-40	-13.77	-56.46	-62.22	2.23	10.68	H
	14264	-49.59	-40	-9.59	-58.39	-59.19	2.64	12.24	H
	21396	-62.01	-40	-22.01	-76.65	-76.94	3.34	18.28	H
	24962	-54.42	-40	-14.42	-72.7	-69.14	3.70	18.42	H
	28528	-55.13	-40	-15.13	-75.69	-70.53	3.99	19.39	H
	7132	-57.54	-40	-17.54	-56.04	-67.17	1.84	11.47	V
	10698	-54.15	-40	-14.15	-56.47	-62.60	2.23	10.68	V
	14264	-49.25	-40	-9.25	-58.05	-58.85	2.64	12.24	V
	21396	-61.89	-40	-21.89	-76.23	-76.82	3.34	18.28	V
	24962	-52.11	-40	-12.11	-70.07	-66.83	3.70	18.42	V
	28528	-55.57	-40	-15.57	-75.71	-70.97	3.99	19.39	V



Highest	7162	-58.10	-40	-18.10	-56.39	-67.65	1.84	11.40	H
	10743	-53.64	-40	-13.64	-56.42	-62.07	2.23	10.65	H
	14324	-48.72	-40	-8.72	-57.56	-58.29	2.64	12.21	H
	21486	-58.55	-40	-18.55	-73.47	-73.57	3.37	18.38	H
	25067	-54.12	-40	-14.12	-72.41	-68.88	3.72	18.48	H
	28648	-55.21	-40	-15.21	-75.97	-70.59	3.99	19.37	H
	7162	-56.07	-40	-16.07	-54.7	-65.62	1.84	11.40	V
	10743	-54.05	-40	-14.05	-56.5	-62.48	2.23	10.65	V
	14324	-48.82	-40	-8.82	-57.79	-58.39	2.64	12.21	V
	21486	-60.08	-40	-20.08	-74.69	-75.10	3.37	18.38	V
	25067	-54.36	-40	-14.36	-72.34	-69.12	3.72	18.48	V
	28648	-55.14	-40	-15.14	-75.48	-70.52	3.99	19.37	V

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