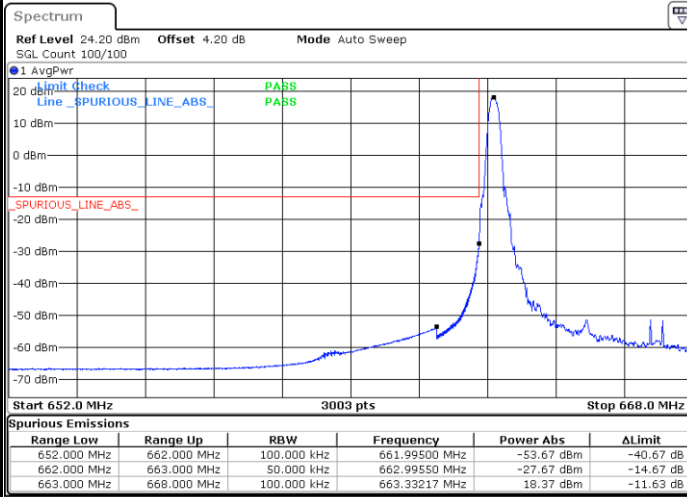




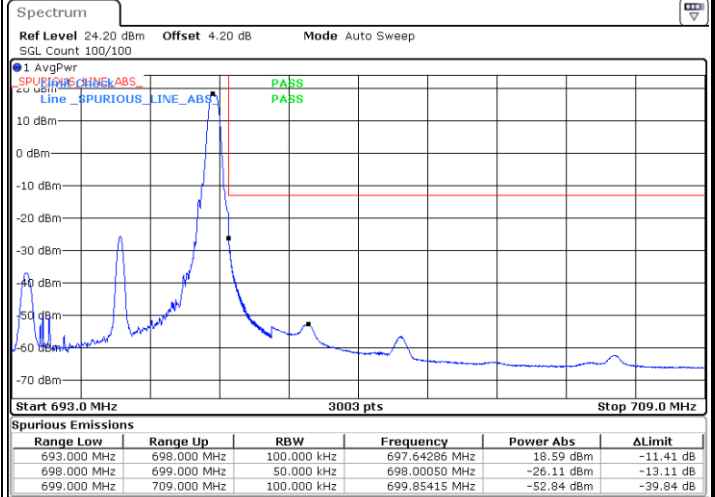
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



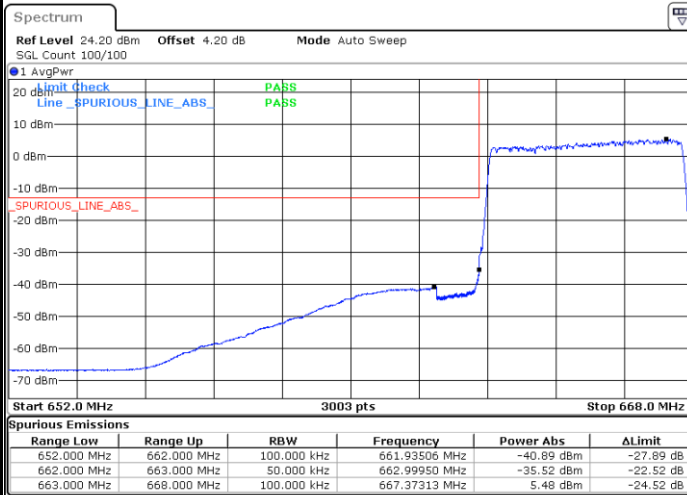
Date: 2.MAR.2022 23:54:17

Highest Band Edge / 1 RB



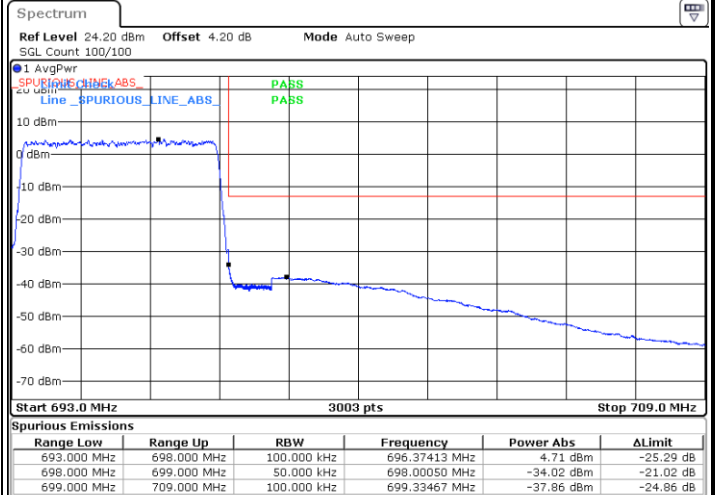
Date: 2.MAR.2022 23:57:39

Lowest Band Edge / Full RB



Date: 2.MAR.2022 23:55:58

Highest Band Edge / Full RB

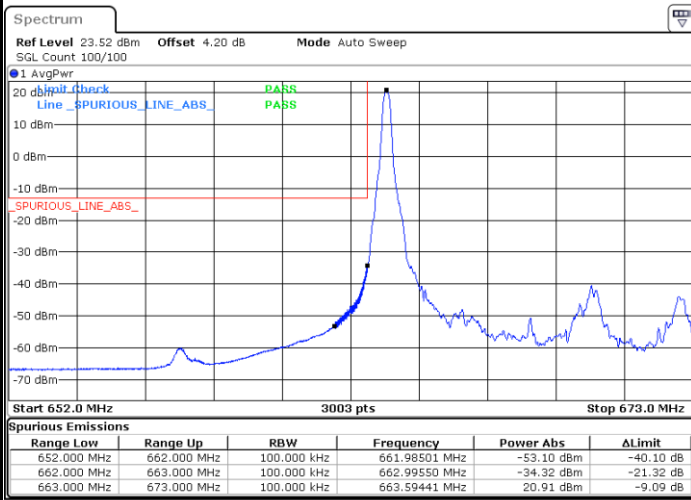


Date: 2.MAR.2022 23:59:20



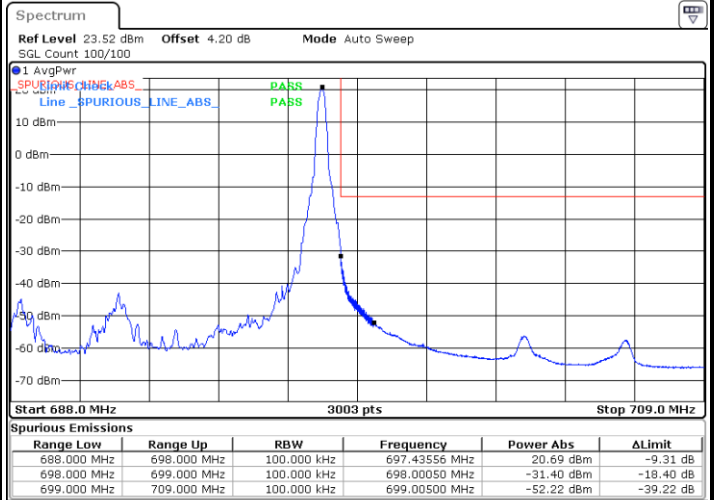
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



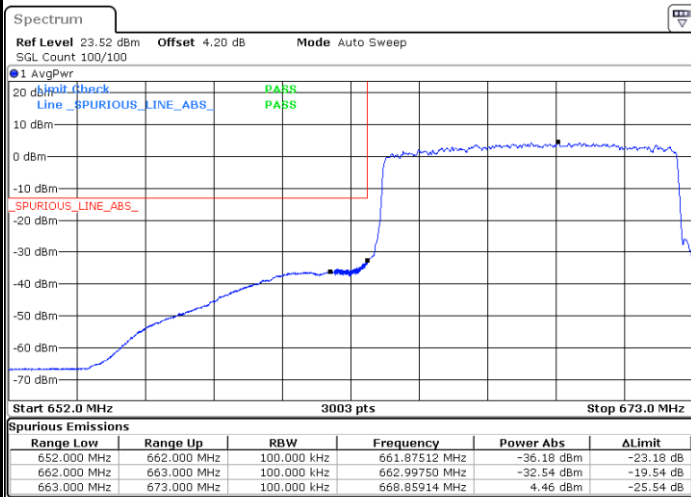
Date: 3.MAR.2022 00:01:02

Highest Band Edge / 1 RB



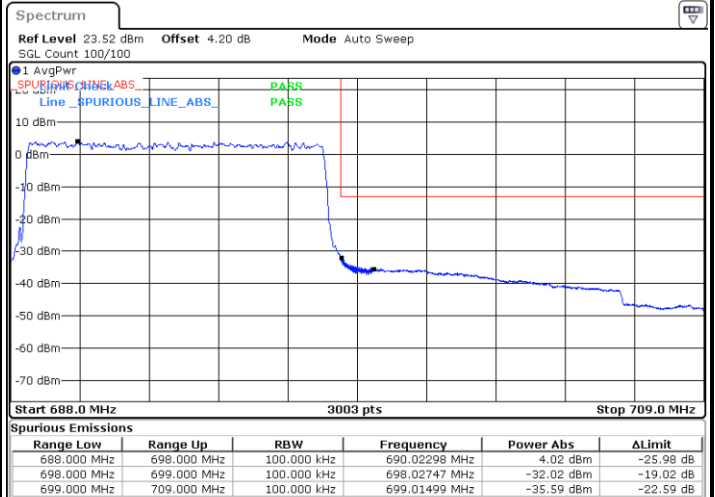
Date: 3.MAR.2022 00:10:25

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:04:24

Highest Band Edge / Full RB

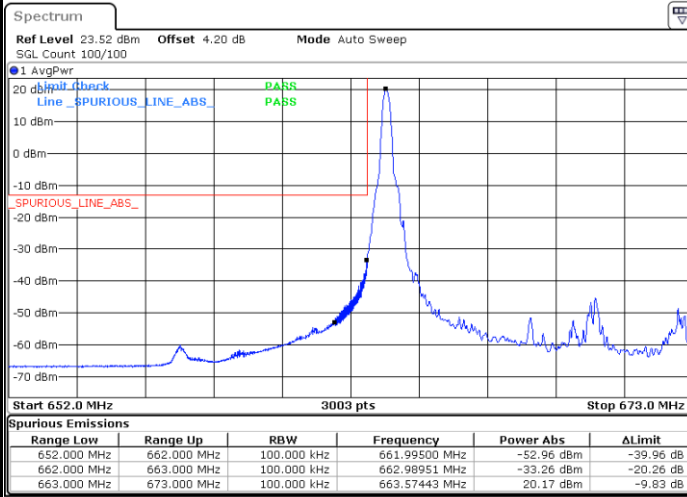


Date: 3.MAR.2022 00:13:47



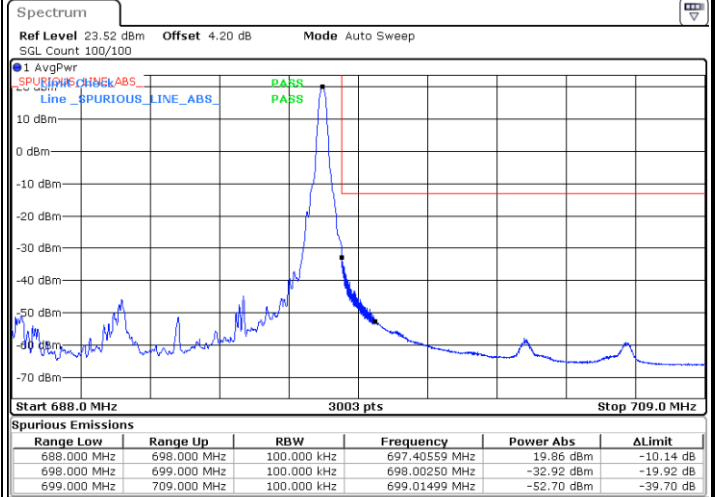
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



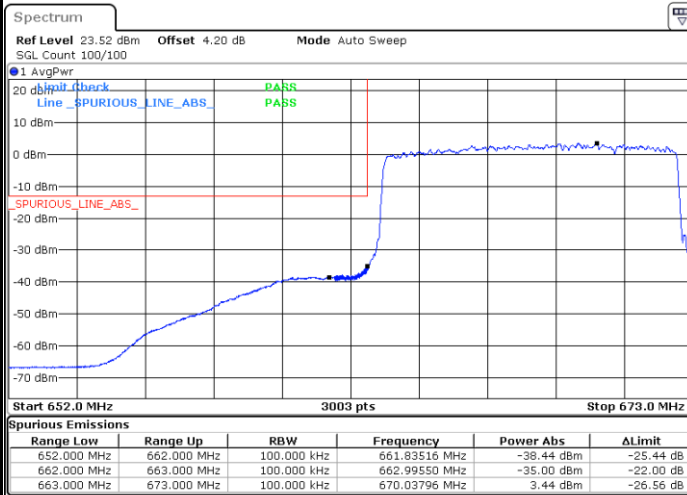
Date: 3.MAR.2022 00:02:43

Highest Band Edge / 1 RB



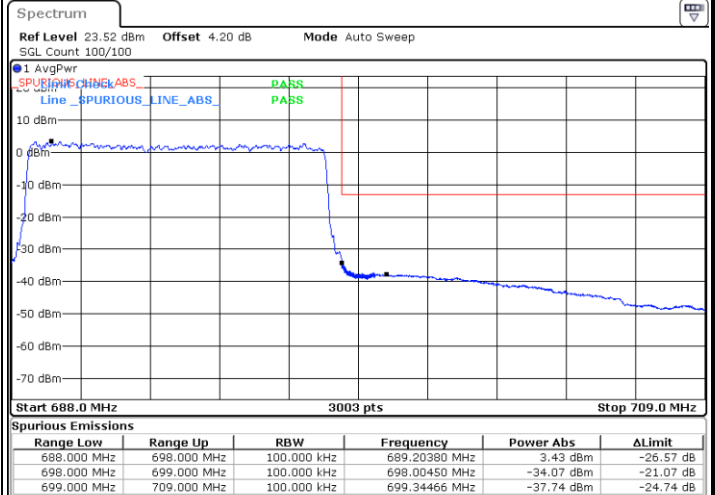
Date: 3.MAR.2022 00:12:06

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:06:05

Highest Band Edge / Full RB

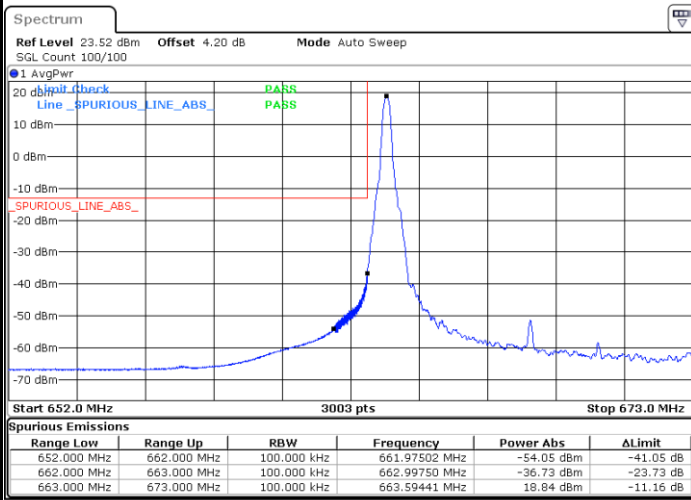


Date: 3.MAR.2022 00:15:28



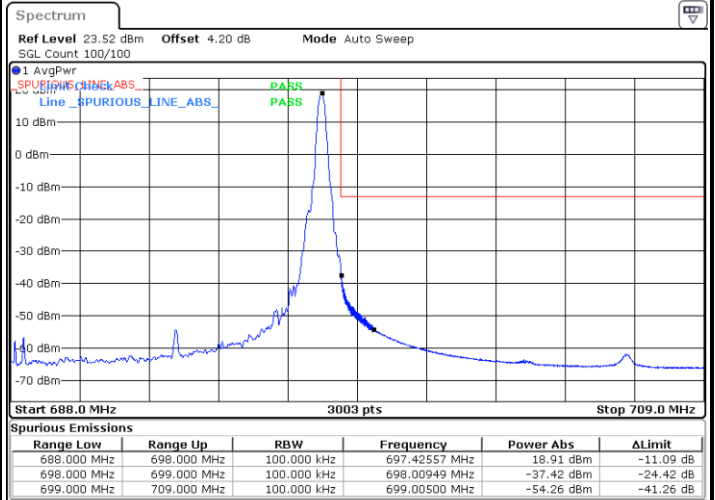
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



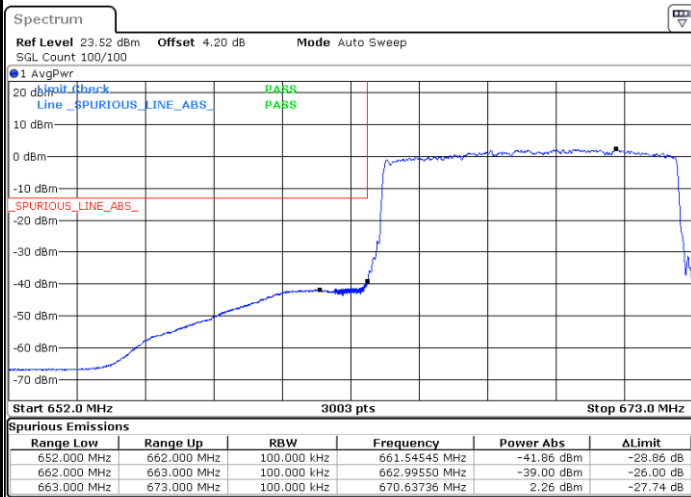
Date: 3.MAR.2022 00:18:29

Highest Band Edge / 1 RB



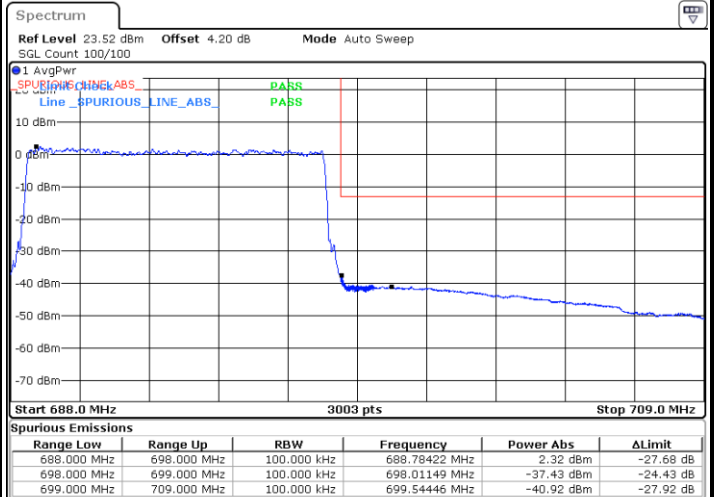
Date: 3.MAR.2022 00:21:51

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:20:10

Highest Band Edge / Full RB



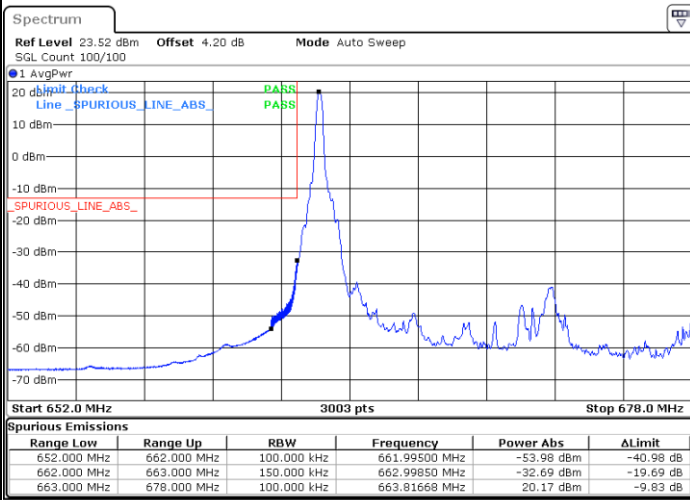
Date: 3.MAR.2022 00:23:32



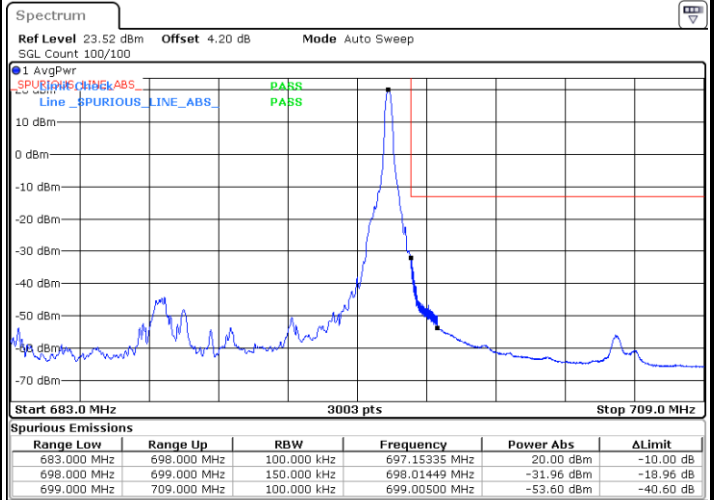
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



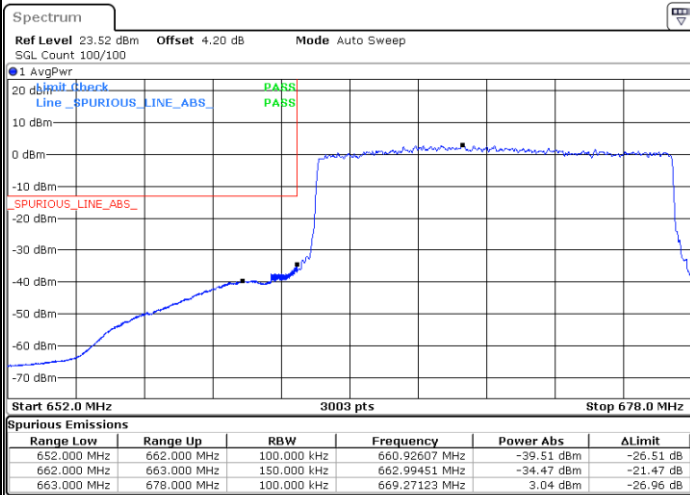
Date: 3.MAR.2022 00:25:14



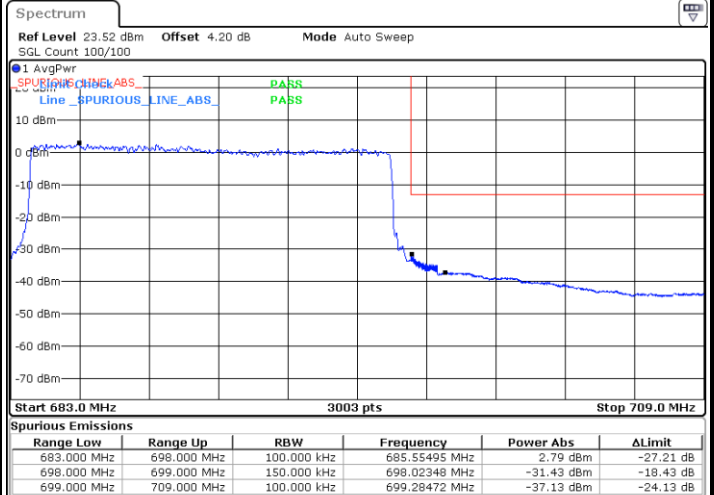
Date: 3.MAR.2022 00:34:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2022 00:28:38

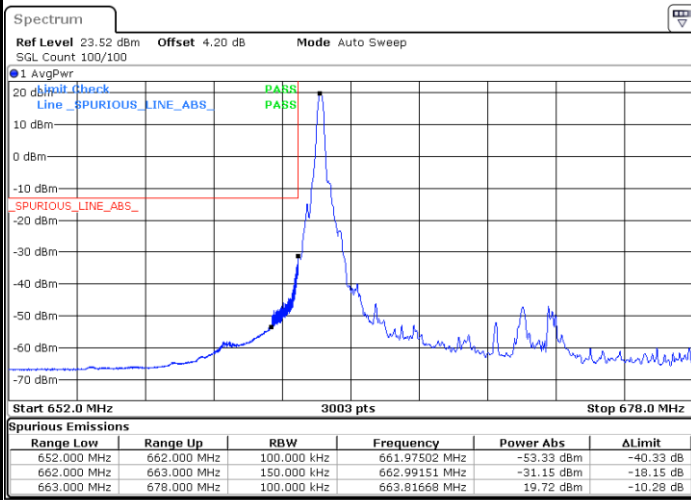


Date: 3.MAR.2022 00:38:02



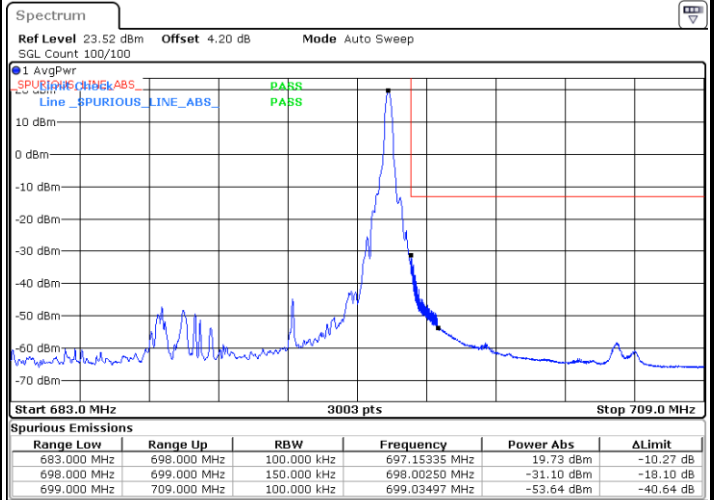
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



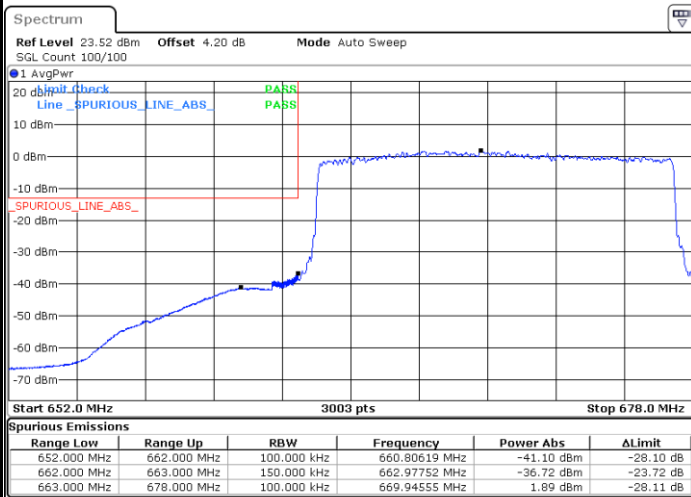
Date: 3.MAR.2022 00:26:56

Highest Band Edge / 1 RB



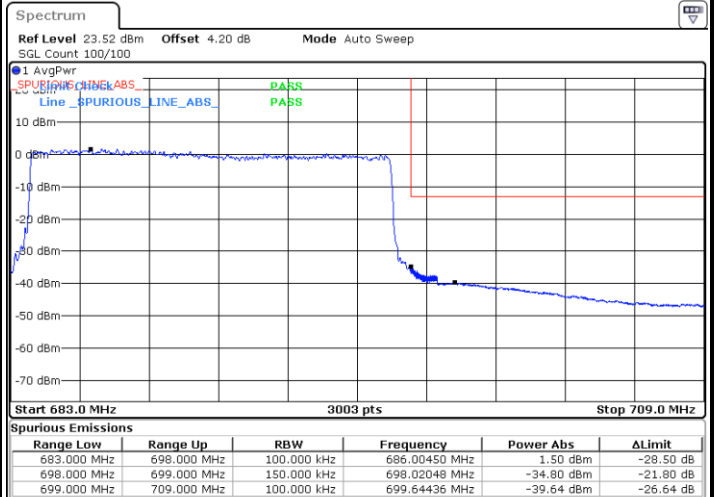
Date: 3.MAR.2022 00:36:20

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:30:19

Highest Band Edge / Full RB

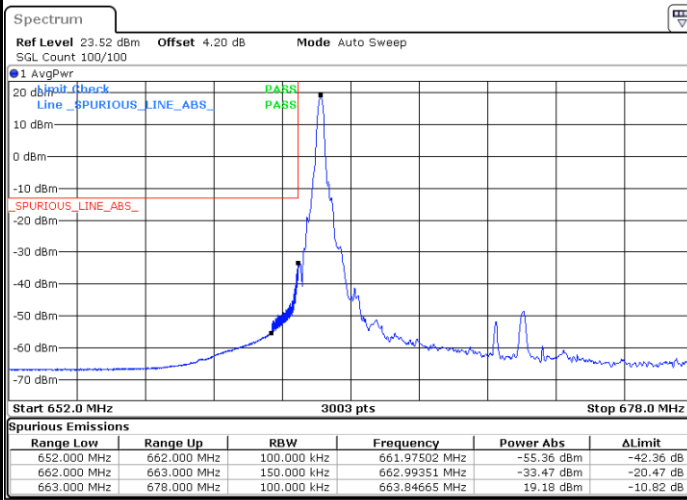


Date: 3.MAR.2022 00:39:43



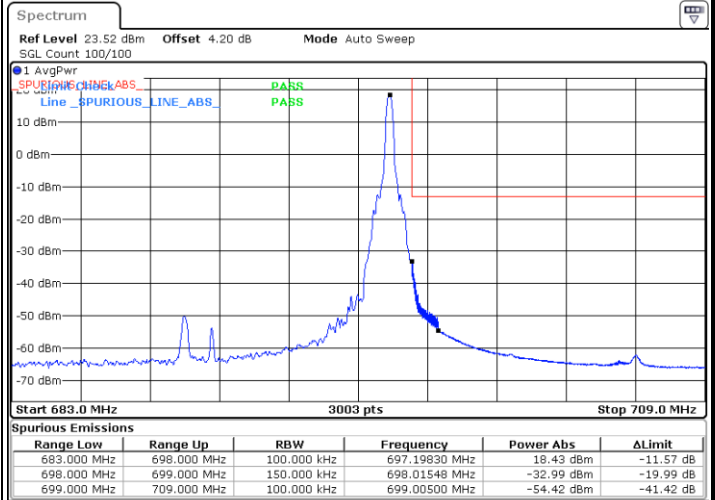
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



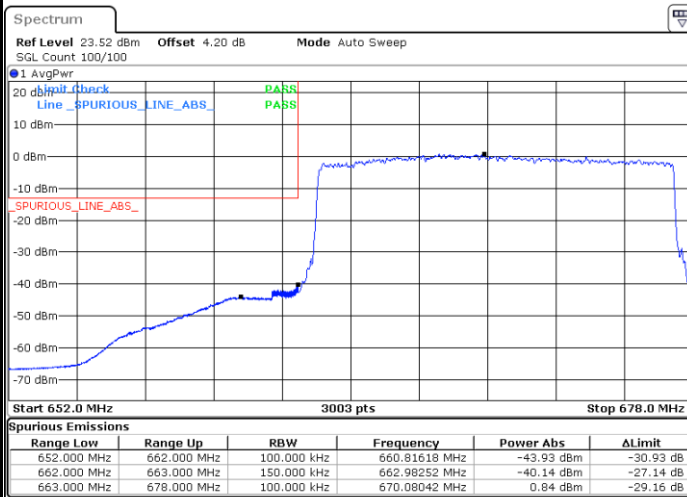
Date: 3.MAR.2022 00:42:43

Highest Band Edge / 1 RB



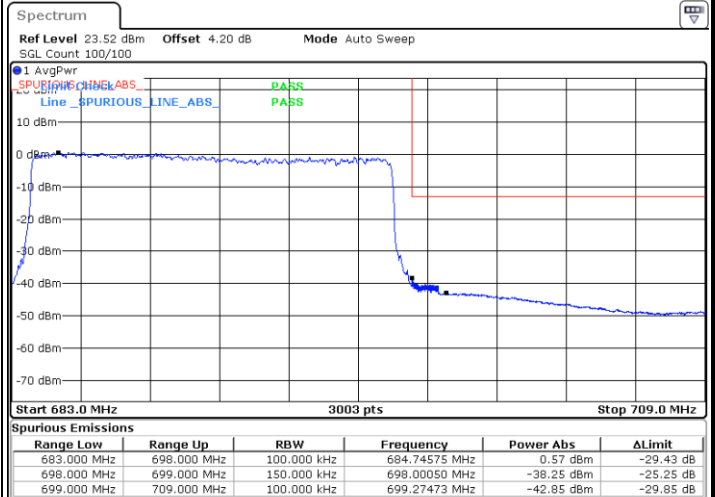
Date: 3.MAR.2022 00:46:06

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:44:25

Highest Band Edge / Full RB



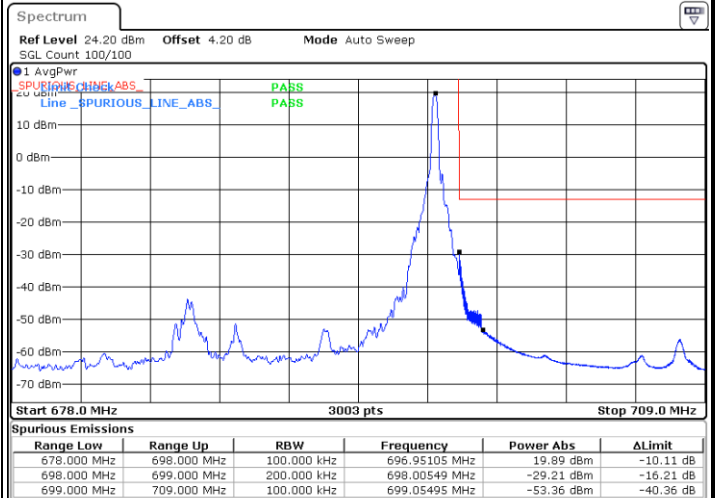
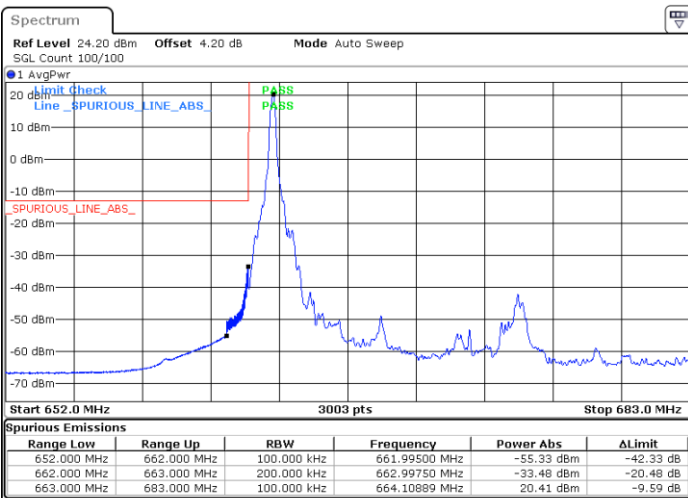
Date: 3.MAR.2022 00:47:47



LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

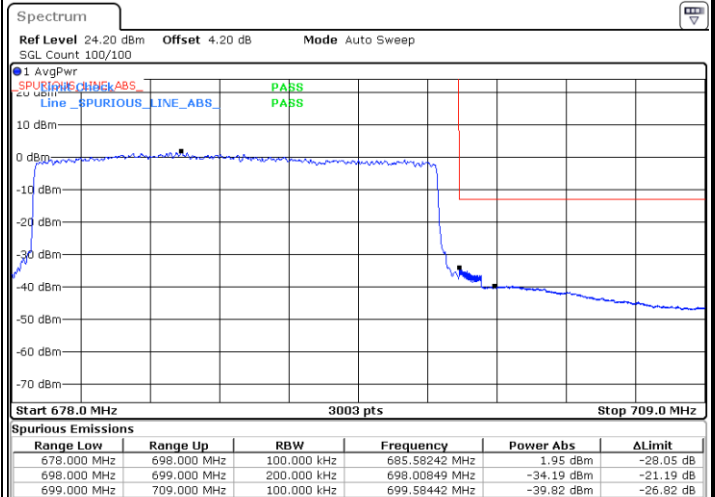
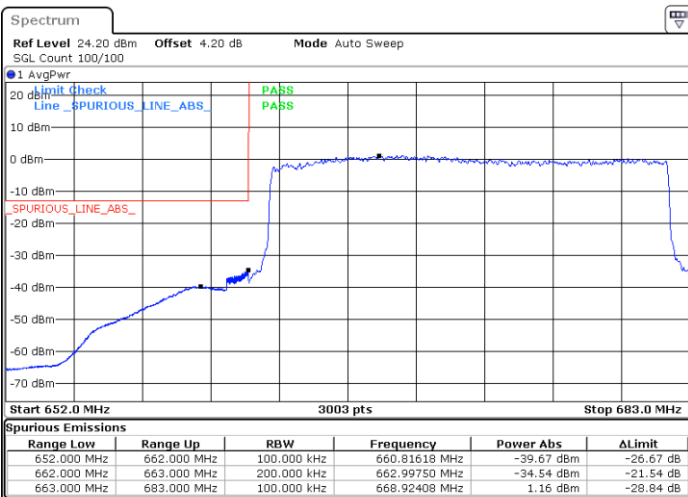


Date: 3.MAR.2022 00:49:29

Date: 3.MAR.2022 00:56:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2022 00:52:51

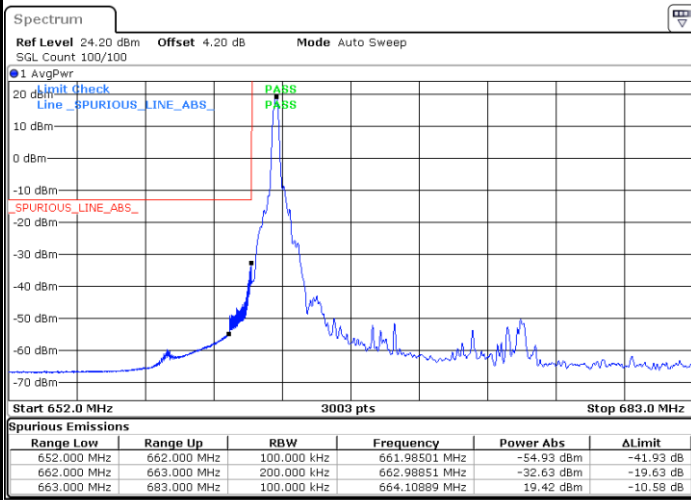
Date: 3.MAR.2022 01:03:57





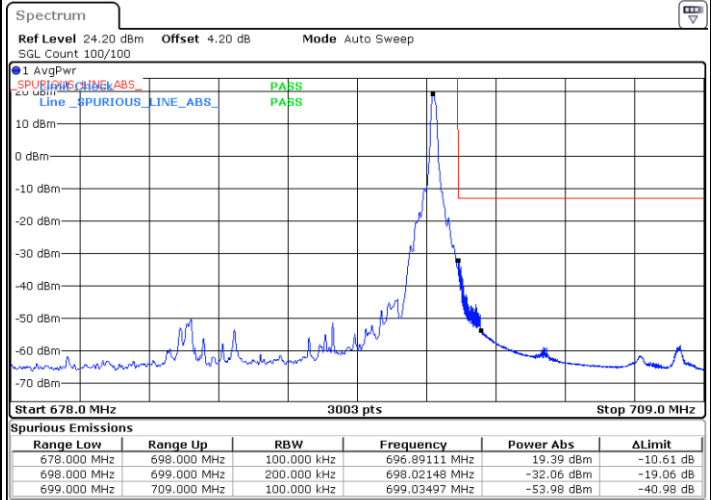
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



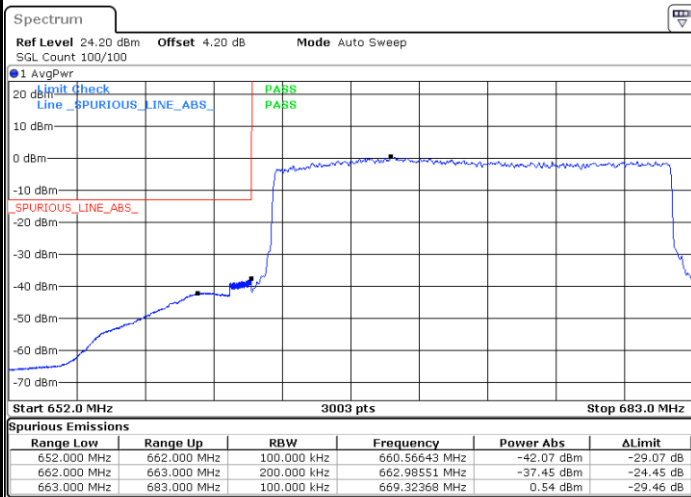
Date: 3.MAR.2022 00:51:10

Highest Band Edge / 1RB



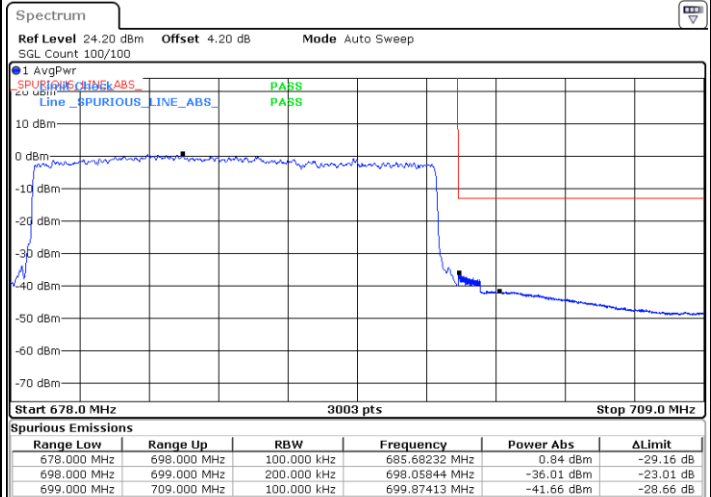
Date: 3.MAR.2022 01:00:35

Lowest Band Edge / Full RB



Date: 3.MAR.2022 00:54:32

Highest Band Edge / Full RB

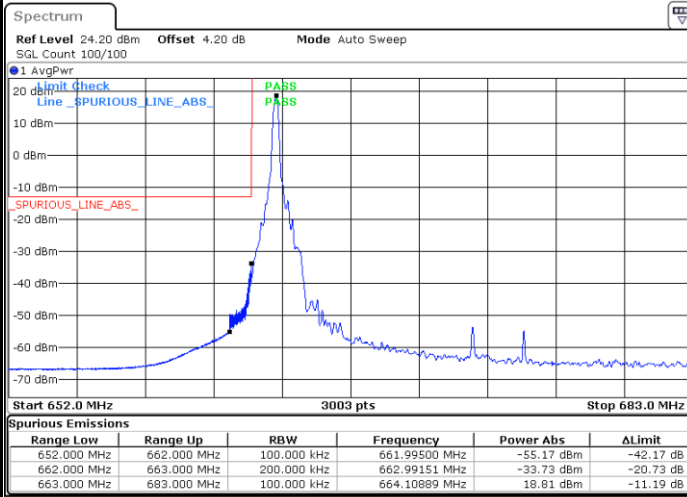


Date: 3.MAR.2022 01:02:16



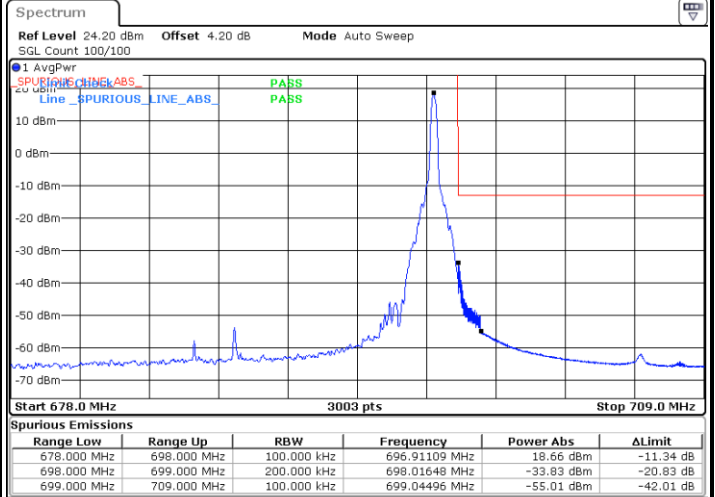
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



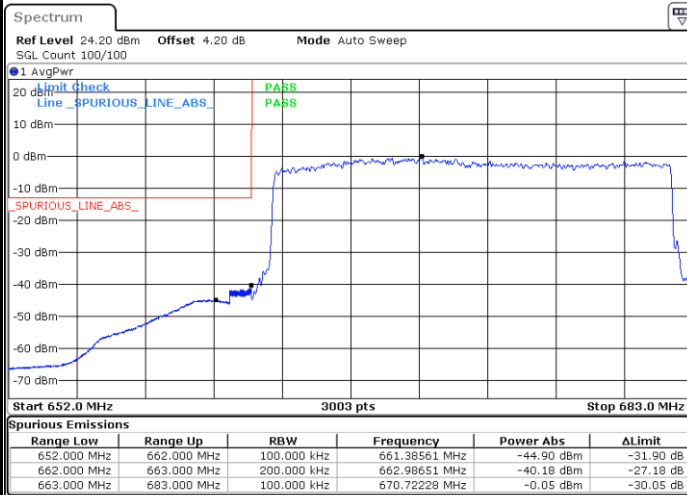
Date: 3.MAR.2022 01:06:57

Highest Band Edge / 1 RB



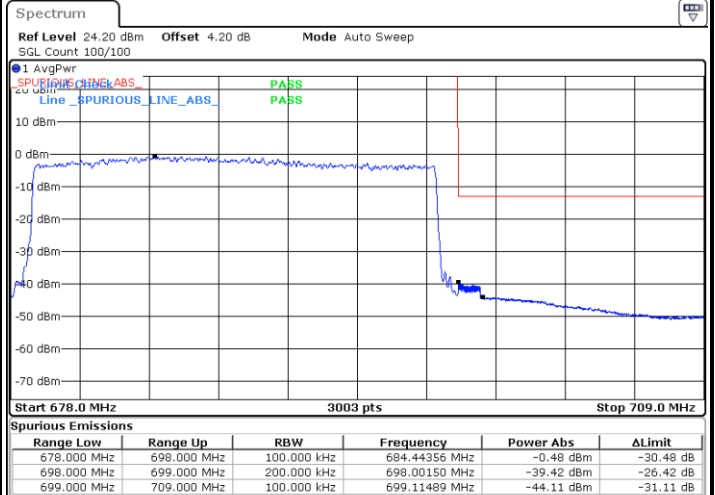
Date: 3.MAR.2022 01:10:19

Lowest Band Edge / Full RB



Date: 3.MAR.2022 01:08:38

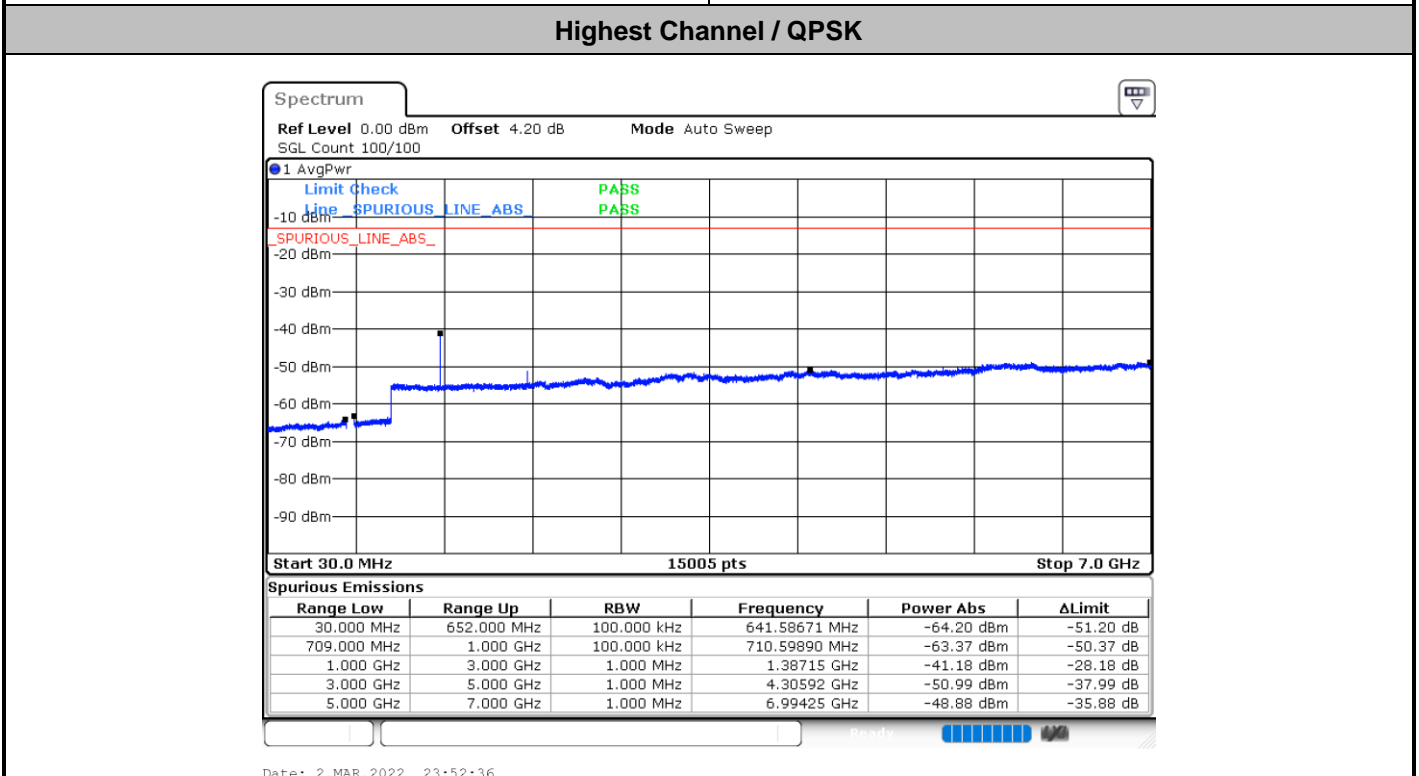
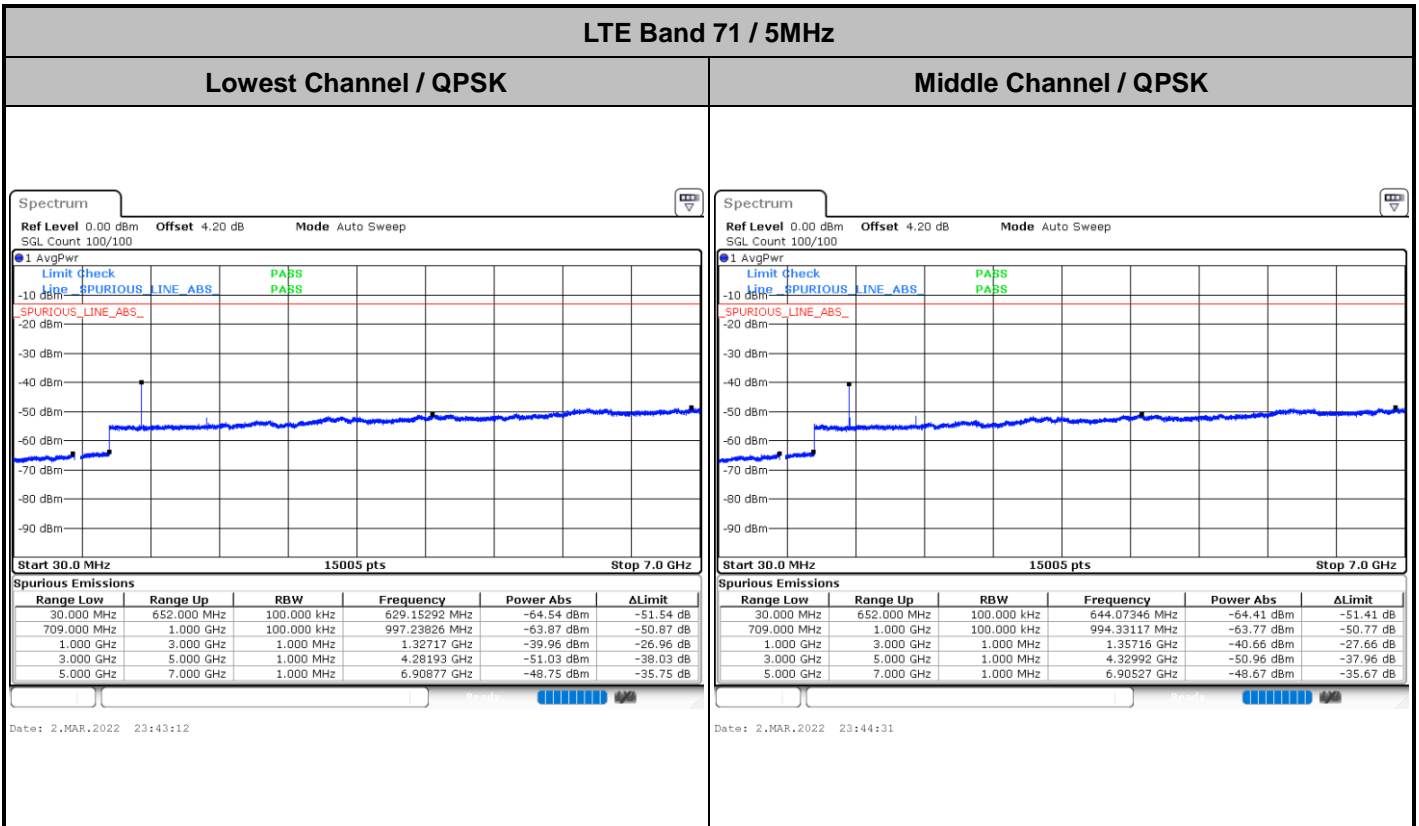
Highest Band Edge / Full RB



Date: 3.MAR.2022 01:12:00



# Conducted Spurious Emission

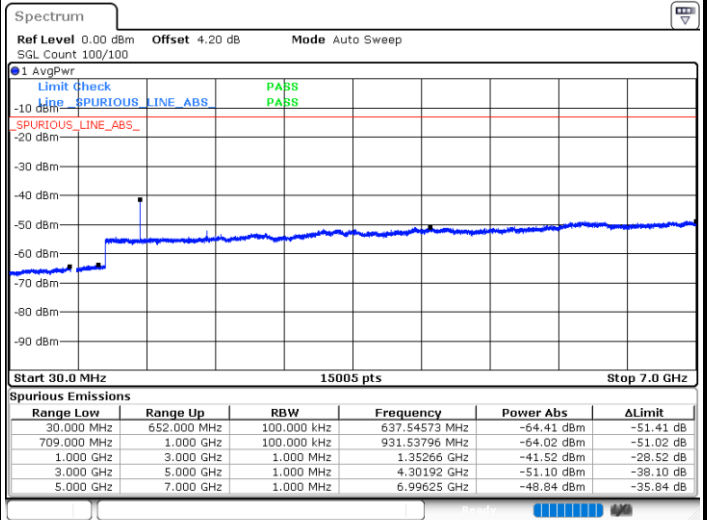
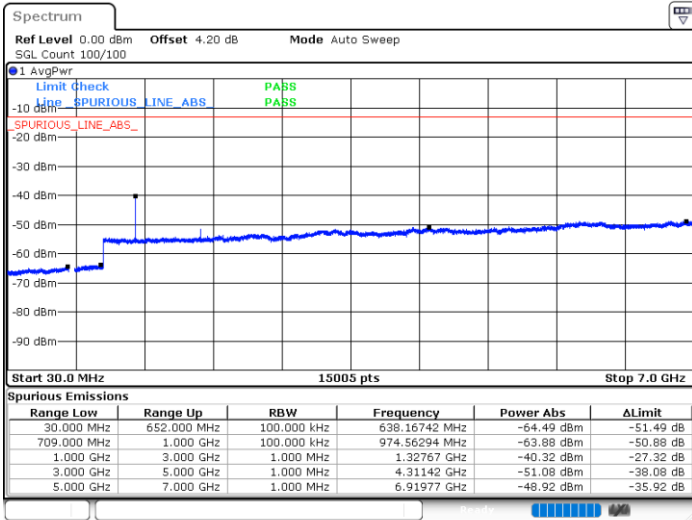




LTE Band 71 / 10MHz

Lowest Channel / QPSK

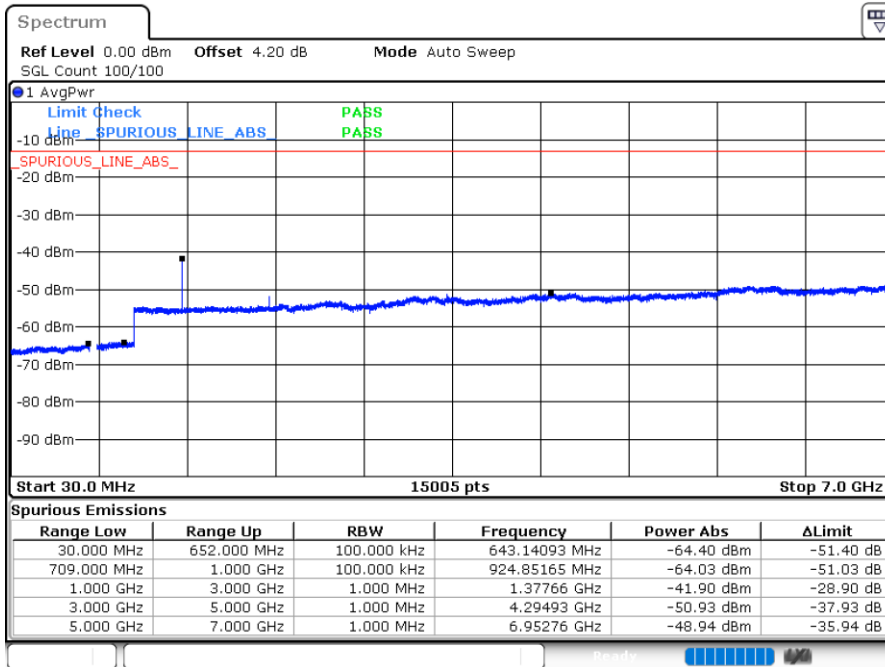
Middle Channel / QPSK



Date: 3.MAR.2022 00:07:25

Date: 3.MAR.2022 00:08:44

Highest Channel / QPSK



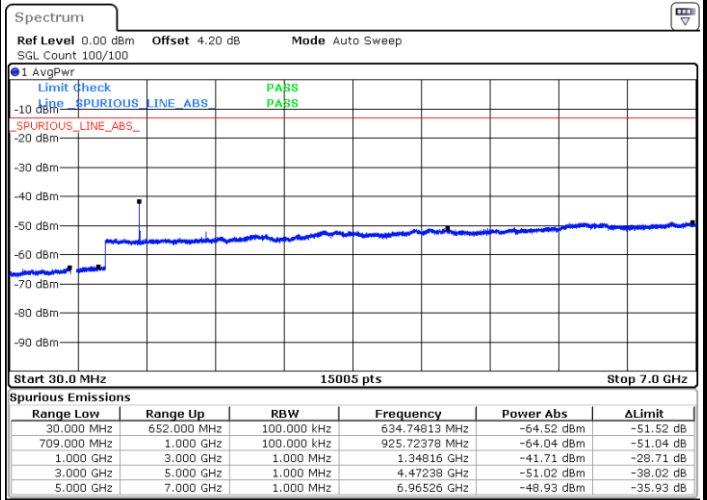
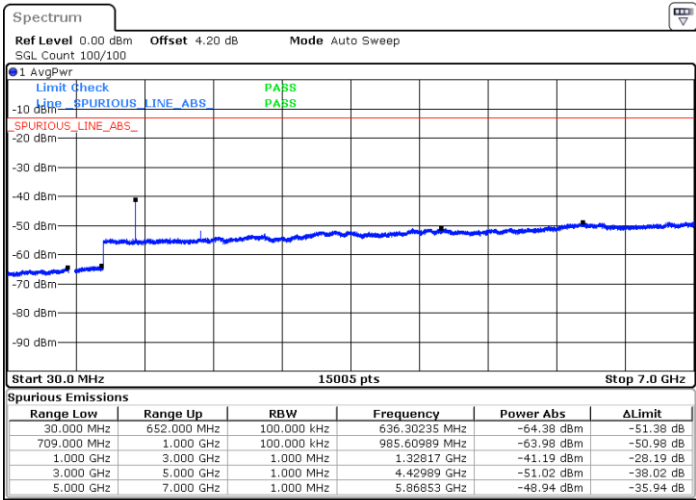
Date: 3.MAR.2022 00:16:48



LTE Band 71 / 15MHz

Lowest Channel / QPSK

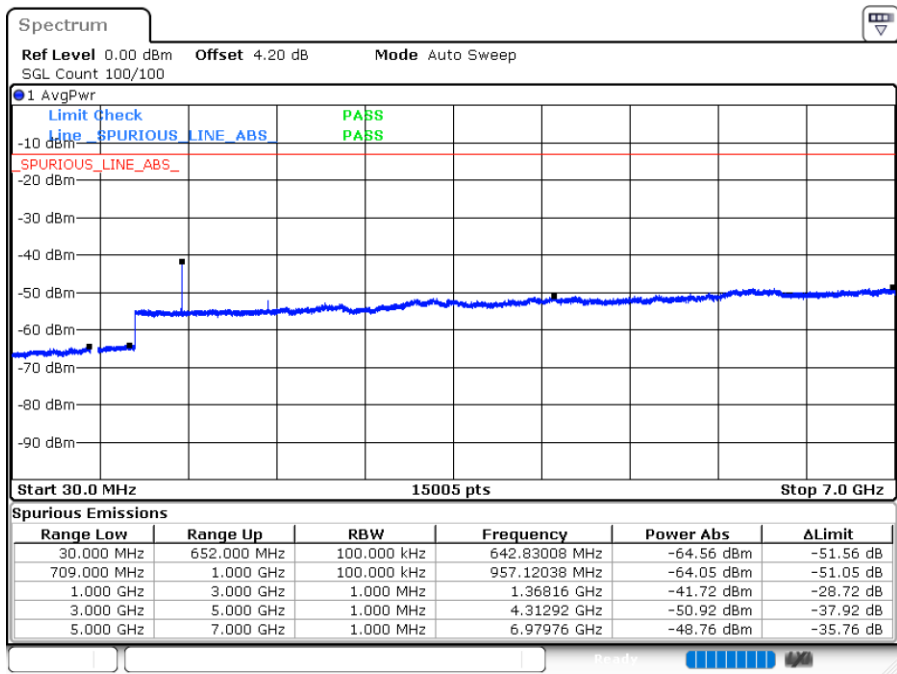
Middle Channel / QPSK



Date: 3.MAR.2022 00:31:38

Date: 3.MAR.2022 00:32:58

Highest Channel / QPSK



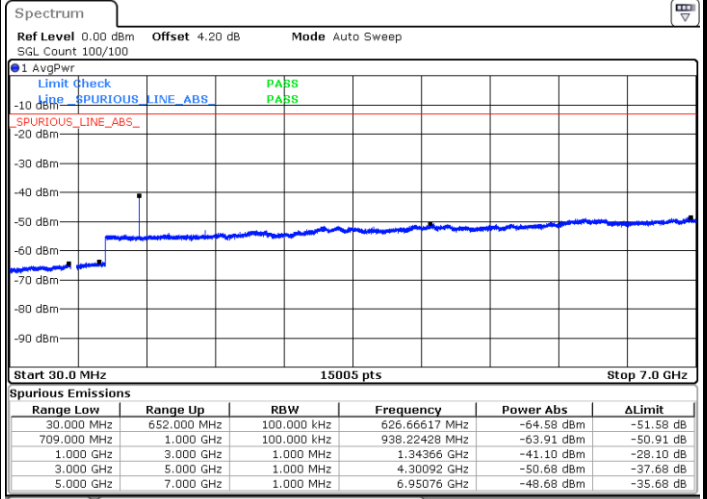
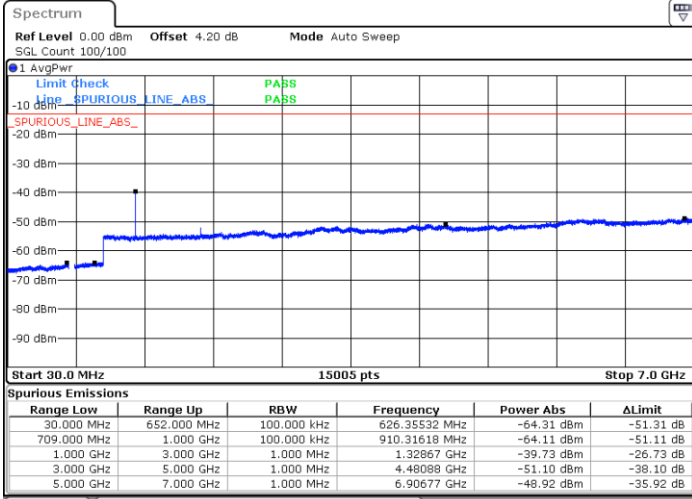
Date: 3.MAR.2022 00:41:02



LTE Band 71 / 20MHz

Lowest Channel / QPSK

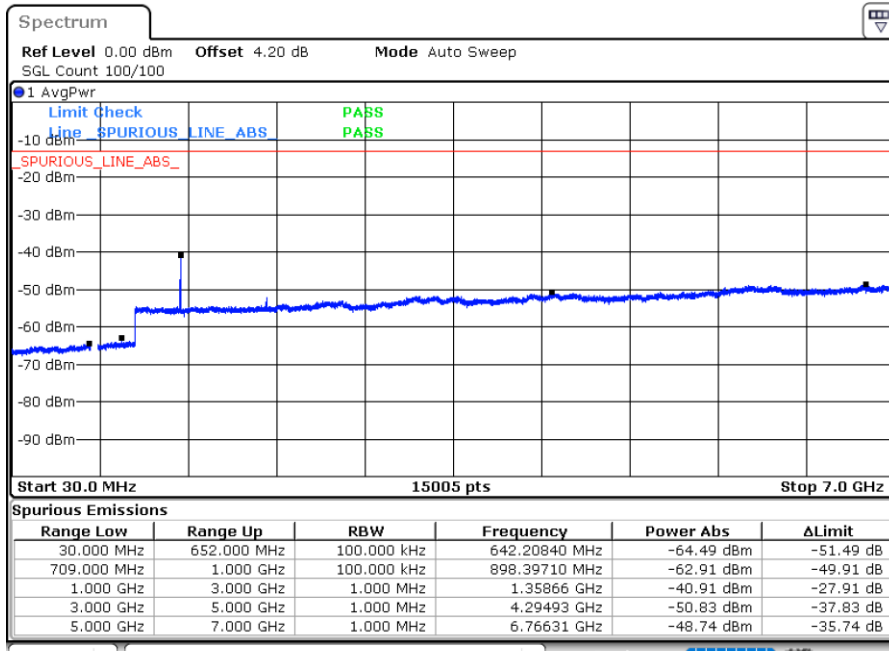
Middle Channel / QPSK



Date: 3.MAR.2022 00:55:52

Date: 3.MAR.2022 00:57:12

Highest Channel / QPSK



Date: 3.MAR.2022 01:05:16



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 2 / 20MHz / QPSK (Ant3)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-54.45	-13	-41.45	-66.71	2.64	14.90	H
	5613	-42.80	-13	-29.80	-54.66	2.94	14.80	H
	7488	-51.89	-13	-38.89	-61.66	3.39	13.16	H
	3741	-54.63	-13	-41.63	-66.89	2.64	14.90	V
	5613	-42.48	-13	-29.48	-54.34	2.94	14.80	V
	7488	-52.17	-13	-39.17	-61.94	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK (Ant3)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-58.04	-13	-45.04	-68.78	2.604	13.34	H
	5175	-53.77	-13	-40.77	-64.28	3.011	13.52	H
	6900	-53.63	-13	-40.63	-63.83	3.271	13.47	H
	3450	-58.36	-13	-45.36	-69.10	2.604	13.34	V
	5175	-54.47	-13	-41.47	-64.98	3.011	13.52	V
	6900	-53.65	-13	-40.65	-63.85	3.271	13.47	V

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

LTE Band 5 / 10MHz / QPSK (Ant0)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-48.86	-13	-35.86	-55.83	1.58	10.70	H
	2496	-57.54	-13	-44.54	-65.79	2.102	12.50	H
	3328	-59.70	-13	-46.70	-68.59	2.856	13.90	H
	1664	-57.72	-13	-44.72	-64.69	1.58	10.70	V
	2496	-51.24	-13	-38.24	-59.49	2.10	12.50	V
	3328	-59.75	-13	-46.75	-68.64	2.86	13.90	V

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





LTE Band 7 / 20MHz / QPSK (Ant1)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-63.26	-25	-38.26	-73.47	3.03	13.24	H
	7584	-59.69	-25	-34.69	-69.14	3.56	13.01	H
	10104	-61.03	-25	-36.03	-70.55	3.92	13.44	H
	5050	-63.00	-25	-38.00	-73.21	3.03	13.24	V
	7584	-60.43	-25	-35.43	-69.88	3.56	13.01	V
	10104	-61.64	-25	-36.64	-71.16	3.92	13.44	V

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

LTE Band 12 / 10MHz / QPSK (Ant0)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-65.54	-13	-52.54	-72.51	1.58	10.70	H
	2112	-59.44	-13	-46.44	-67.69	2.102	12.50	H
	2808	-57.84	-13	-44.84	-66.73	2.856	13.90	H
	1408	-65.97	-13	-52.97	-72.94	1.58	10.70	V
	2112	-59.12	-13	-46.12	-67.37	2.10	12.50	V
	2808	-58.68	-13	-45.68	-67.57	2.86	13.90	V

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

LTE Band 41 / 20MHz / QPSK (Ant1)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-59.50	-25	-34.50	-69.71	3.03	13.24	H
	7752	-52.09	-25	-27.09	-61.54	3.56	13.01	H
	10342	-60.90	-25	-35.90	-70.42	3.92	13.44	H
	5162	-60.17	-25	-35.17	-70.38	3.03	13.24	V
	7752	-51.58	-25	-26.58	-61.03	3.56	13.01	V
	10342	-61.25	-25	-36.25	-70.77	3.92	13.44	V

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

LTE Band 71 / 20MHz / QPSK (Ant0)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-67.58	-13	-54.58	-69.33	1.02	4.92	H
	2016	-57.39	-13	-44.39	-59.36	1.27	5.39	H
	2688	-58.28	-13	-45.28	-61.21	1.49	6.57	H
	1344	-65.64	-13	-52.64	-67.39	1.02	4.92	V
	2016	-57.74	-13	-44.74	-59.71	1.27	5.39	V
	2688	-58.12	-13	-45.12	-61.05	1.49	6.57	V

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