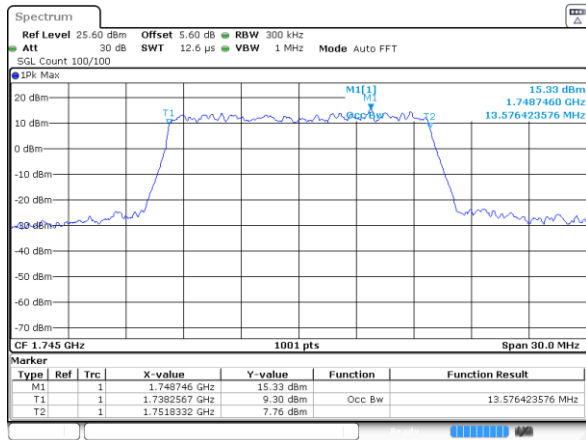


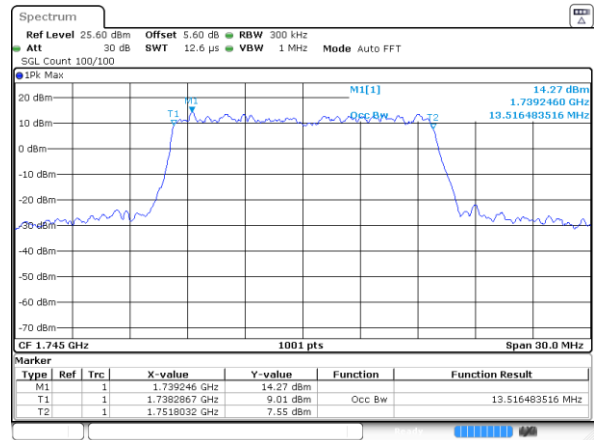


LTE Band 66

Middle Channel / 15MHz / QPSK

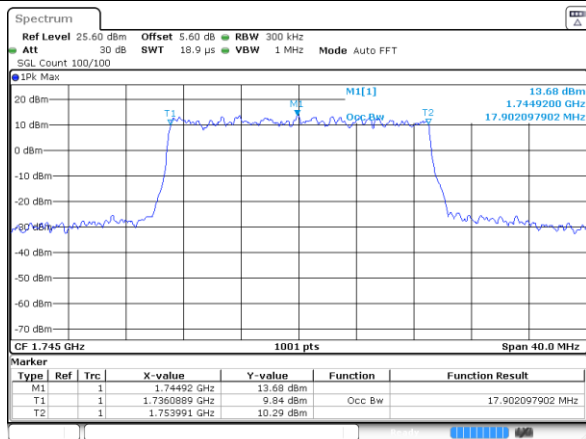


Middle Channel / 15MHz / 16QAM

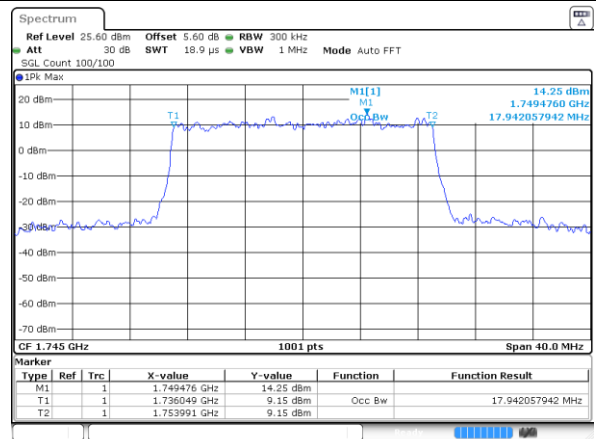


LTE Band 66

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

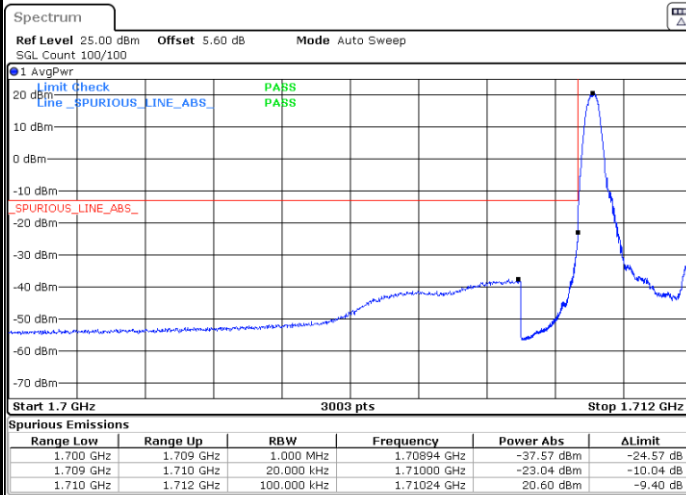




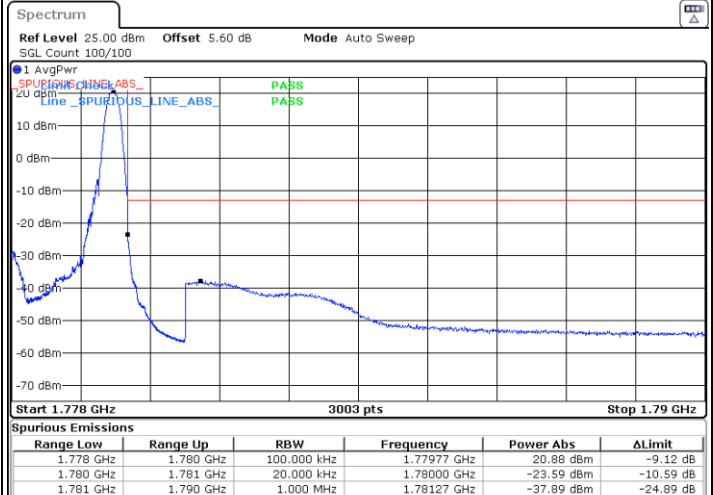
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

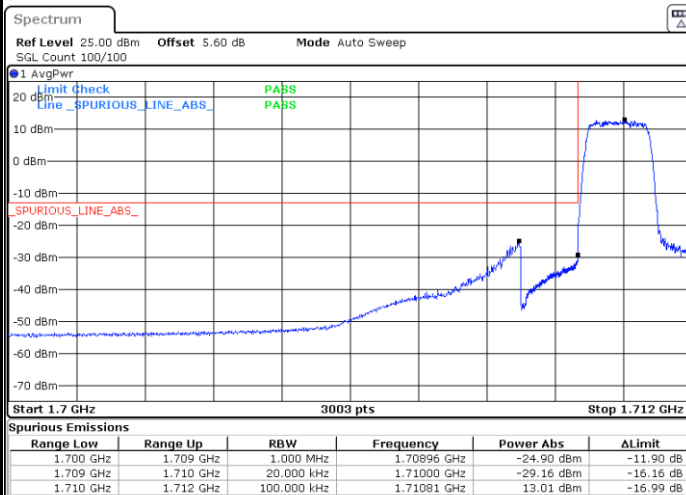
Lowest Band Edge / 1RB



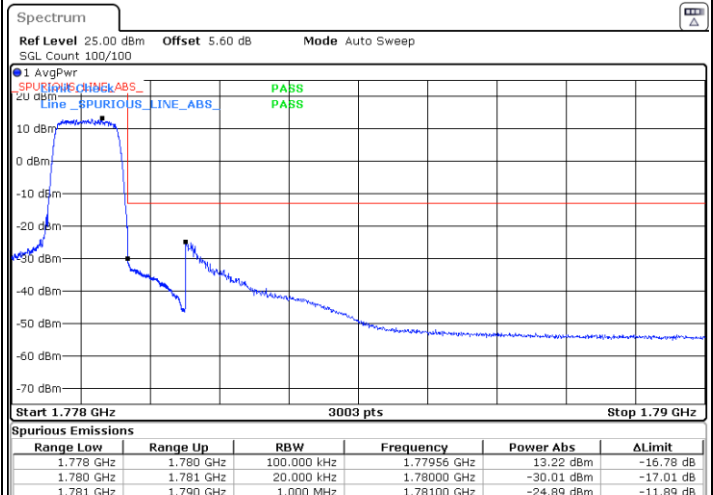
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



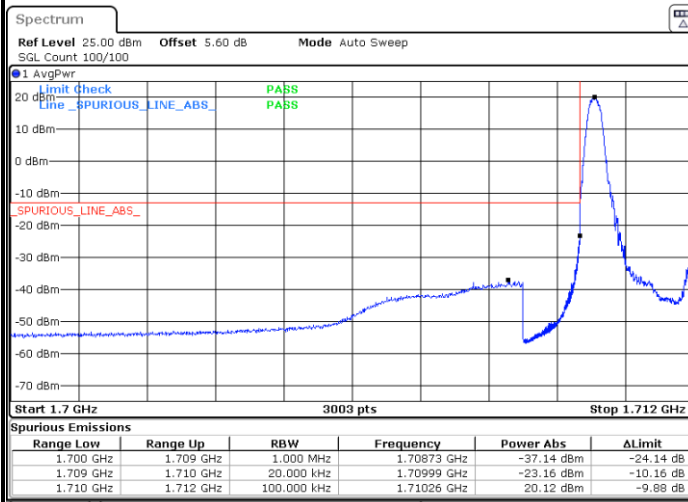
Highest Band Edge / Full RB



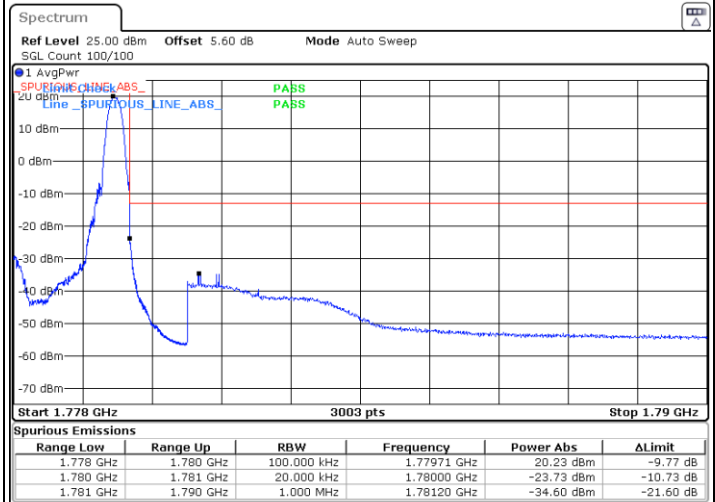


LTE Band 66 / 1.4MHz / 16QAM

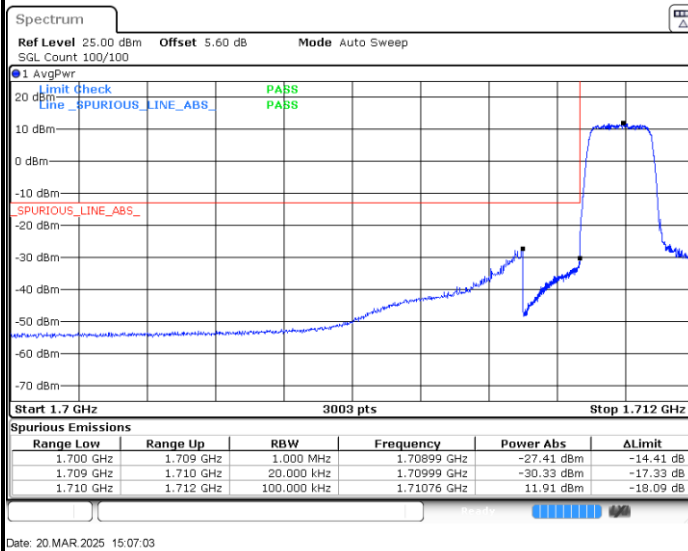
Lowest Band Edge / 1 RB



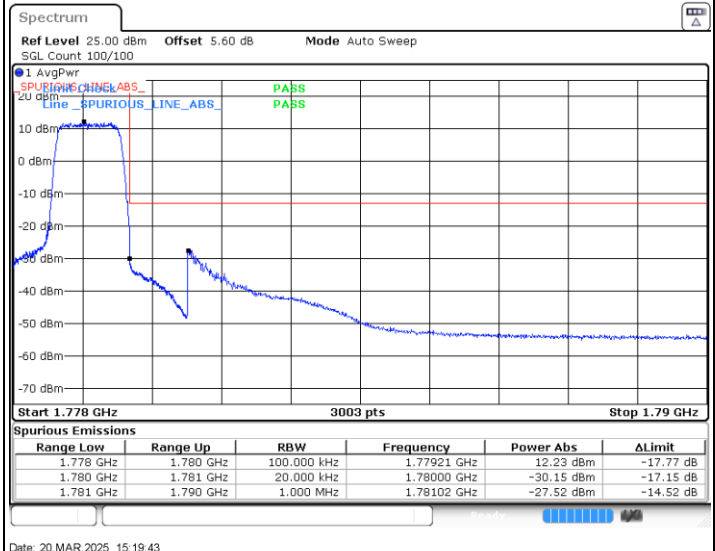
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



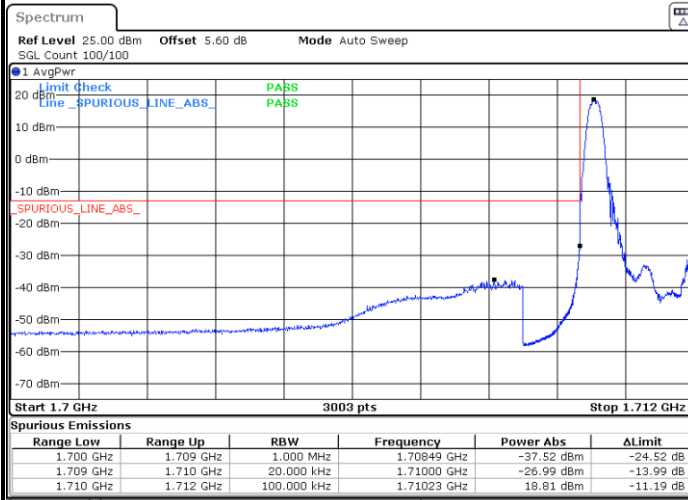
Highest Band Edge / Full RB



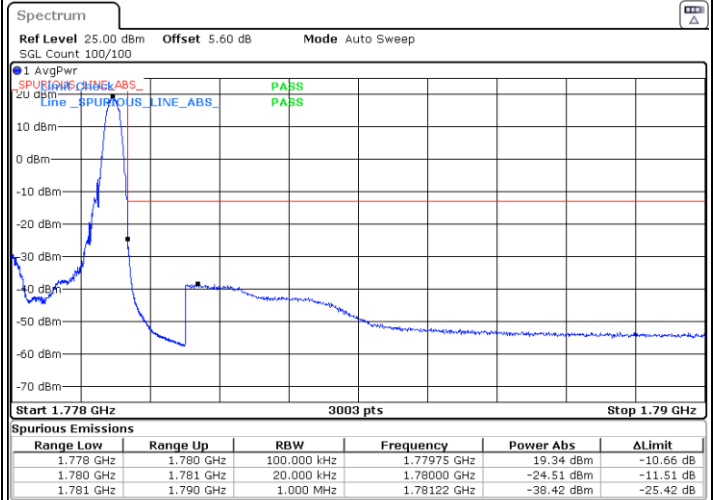


LTE Band 66 / 1.4MHz / 64QAM

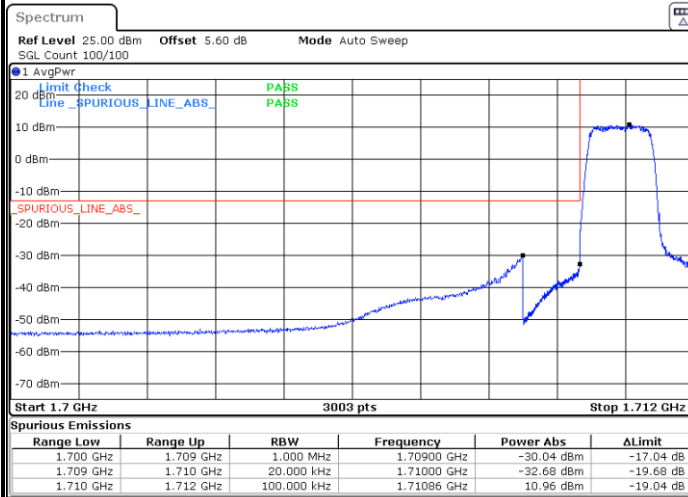
Lowest Band Edge / 1 RB



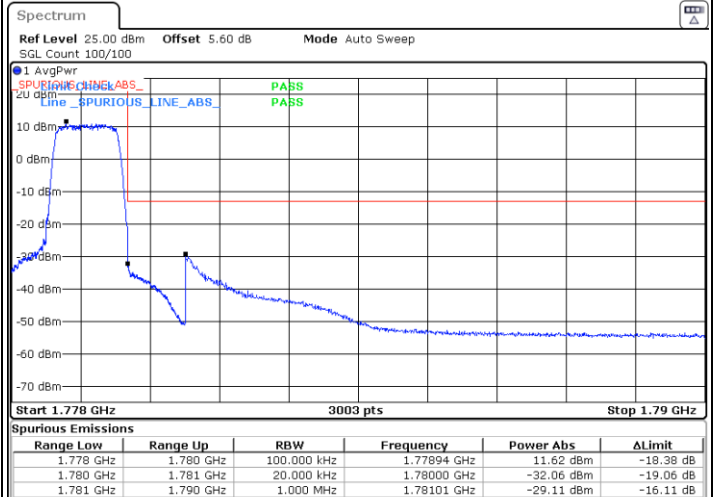
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



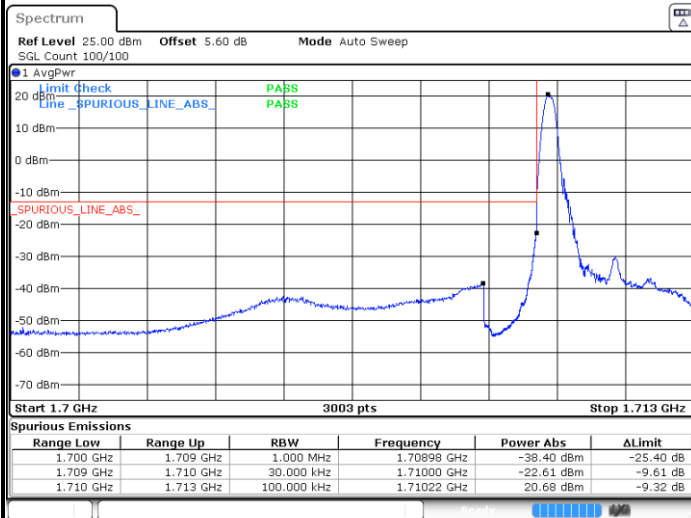
Highest Band Edge / Full RB



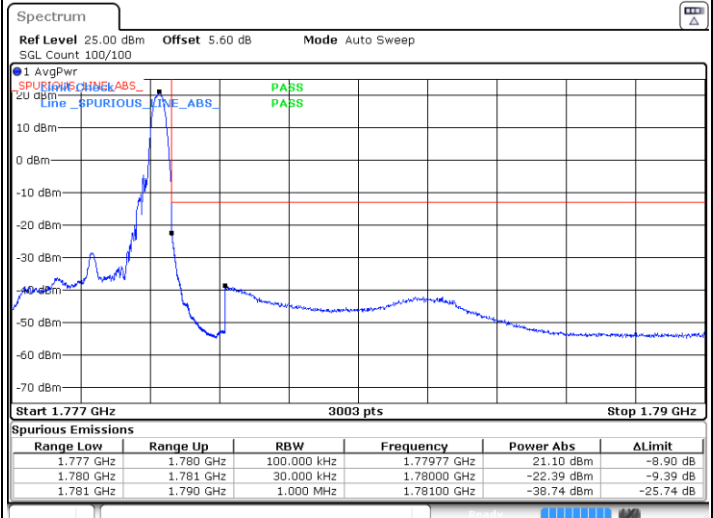


LTE Band 66 / 3MHz / QPSK

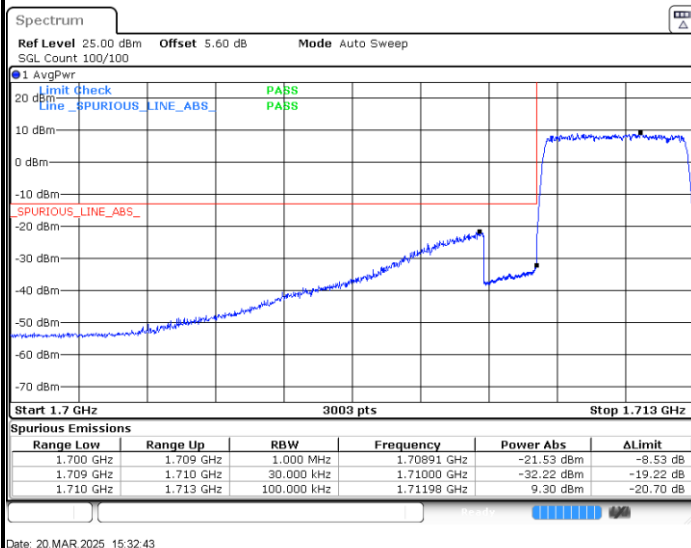
Lowest Band Edge / 1RB



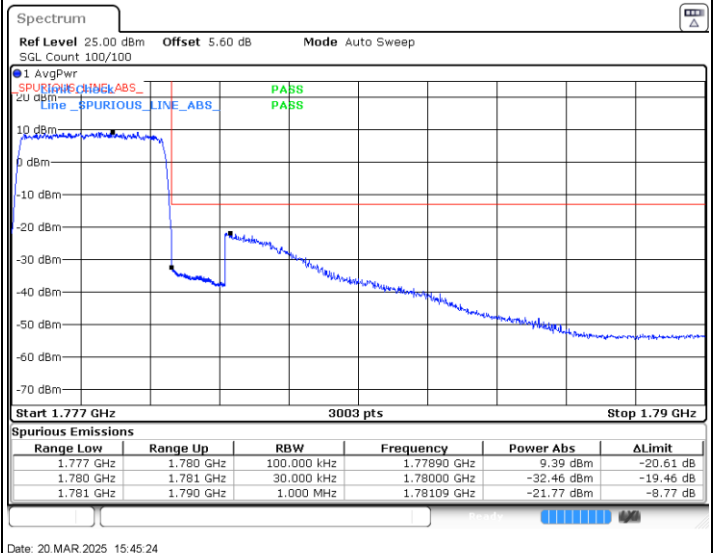
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



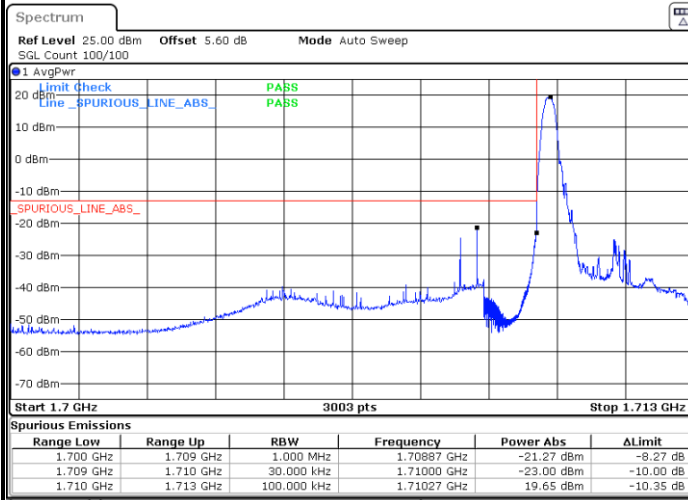
Highest Band Edge / Full RB



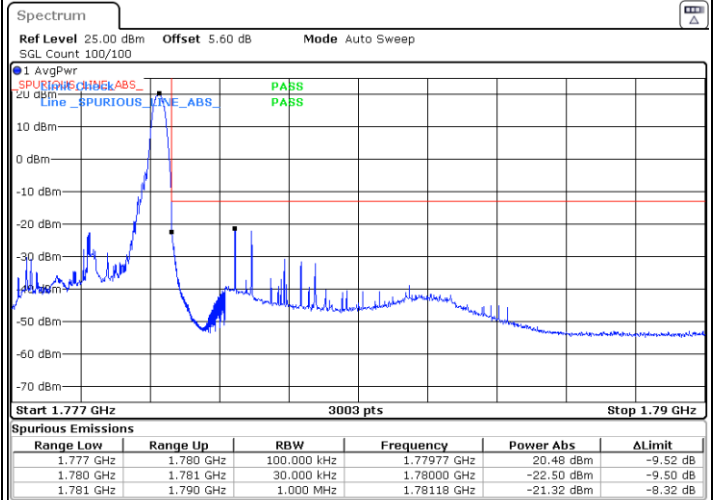


LTE Band 66 / 3MHz / 16QAM

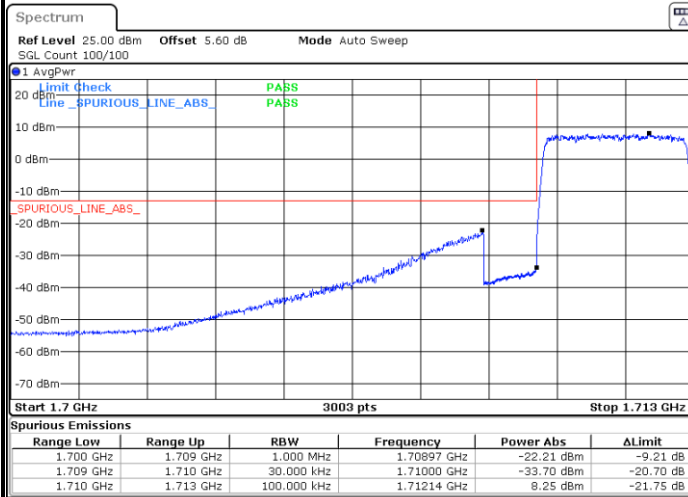
Lowest Band Edge / 1 RB



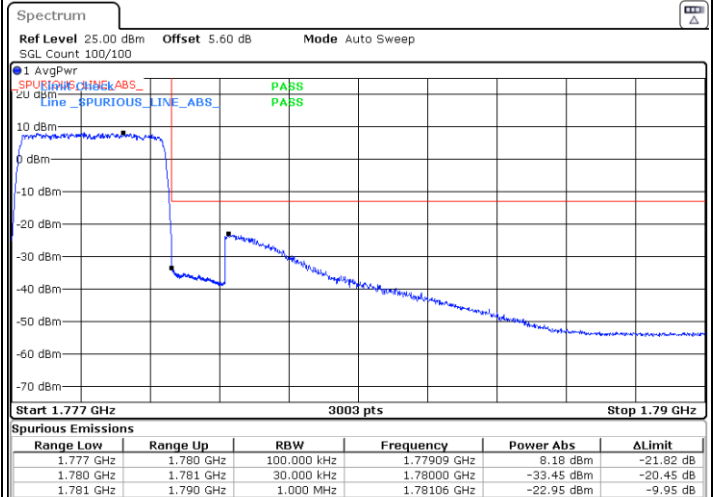
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



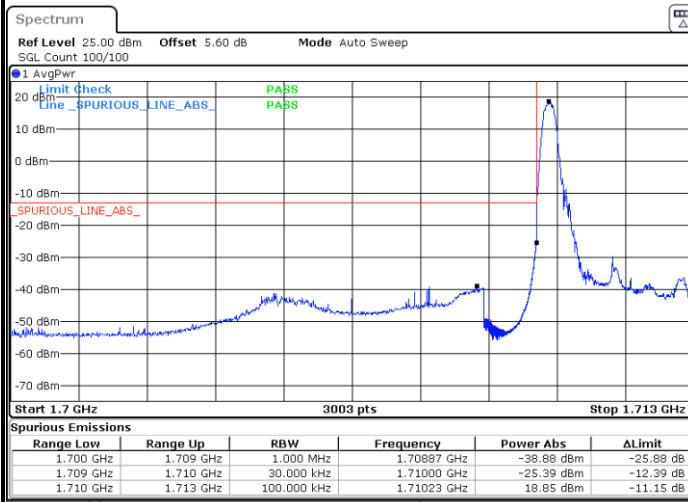
Highest Band Edge / Full RB



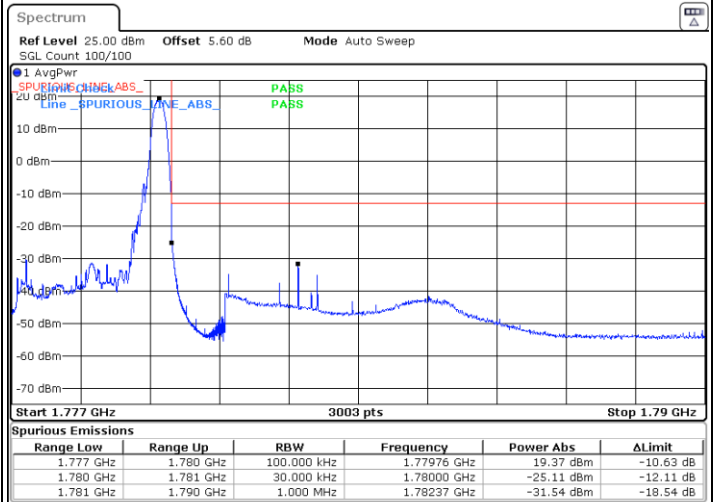


LTE Band 66 / 3MHz / 64QAM

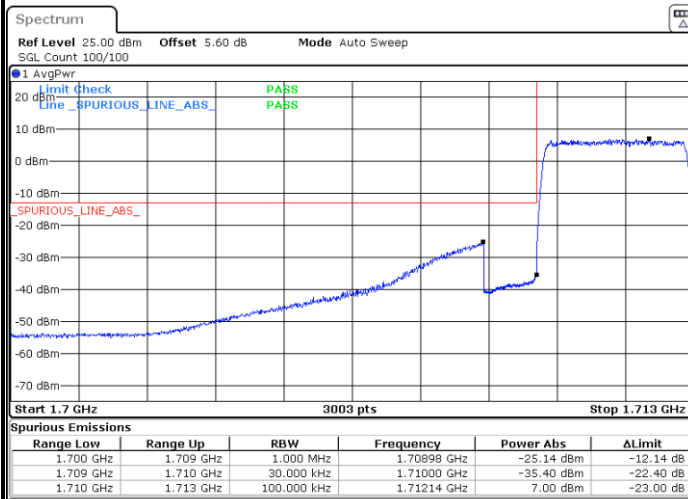
Lowest Band Edge / 1 RB



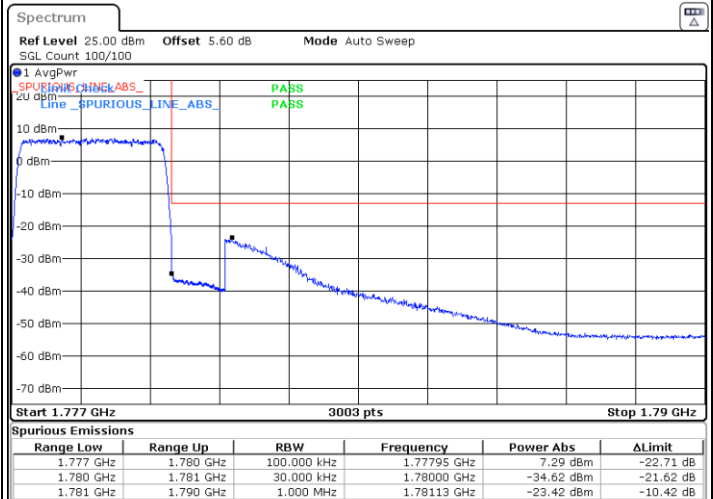
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



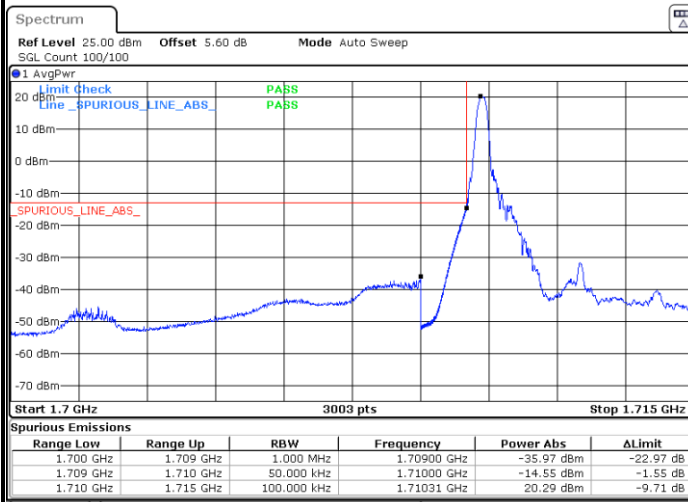
Highest Band Edge / Full RB



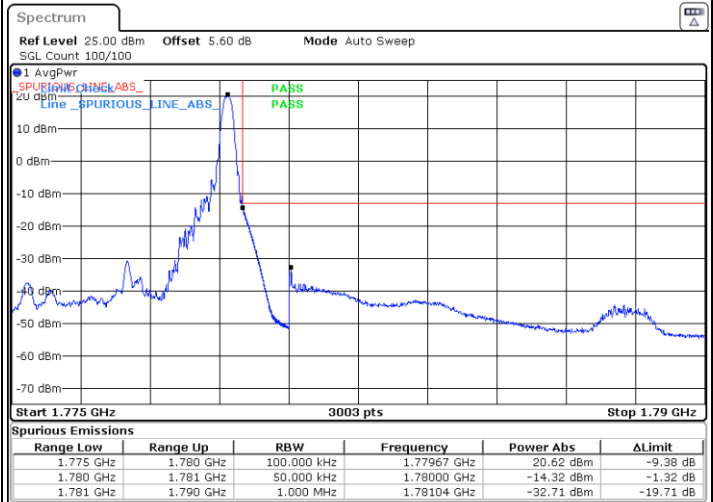


LTE Band 66 / 5MHz / QPSK

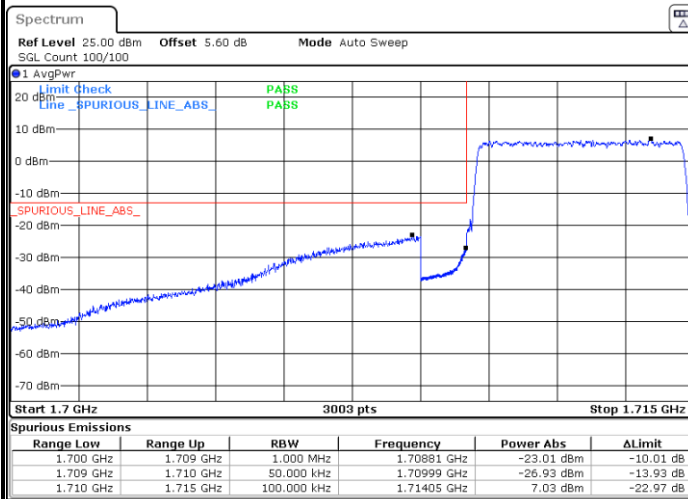
Lowest Band Edge / 1 RB



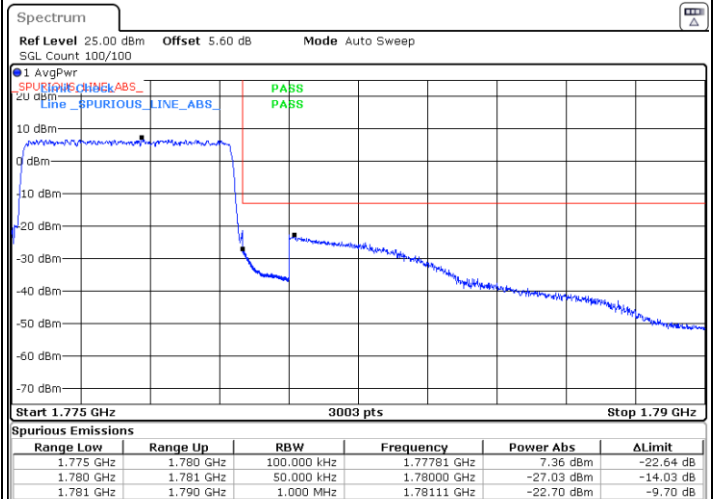
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



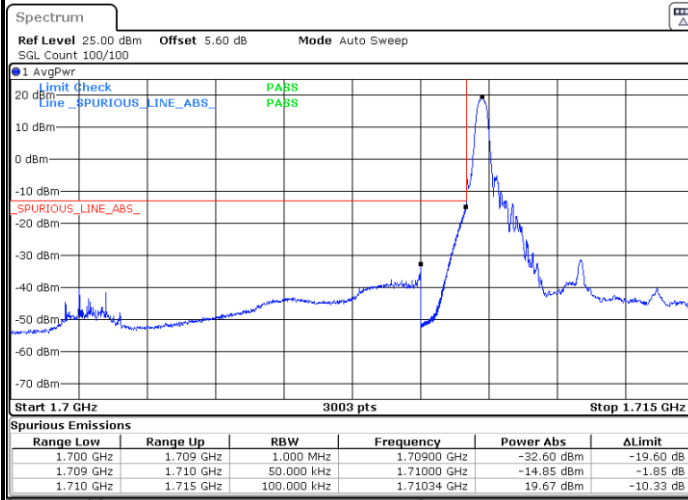
Highest Band Edge / Full RB



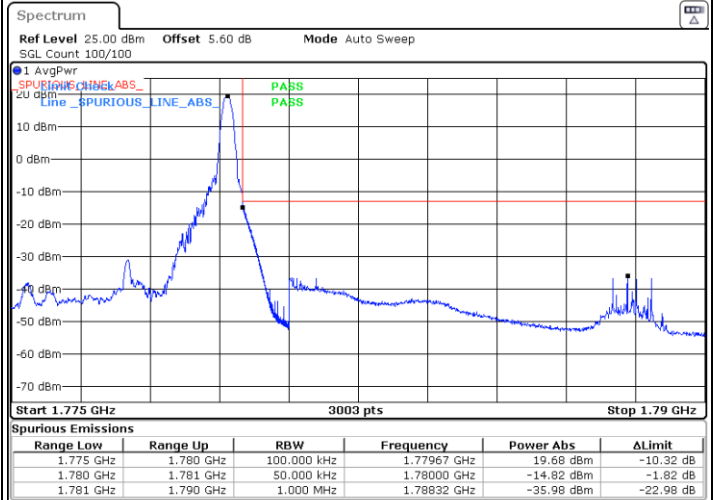


LTE Band 66 / 5MHz / 16QAM

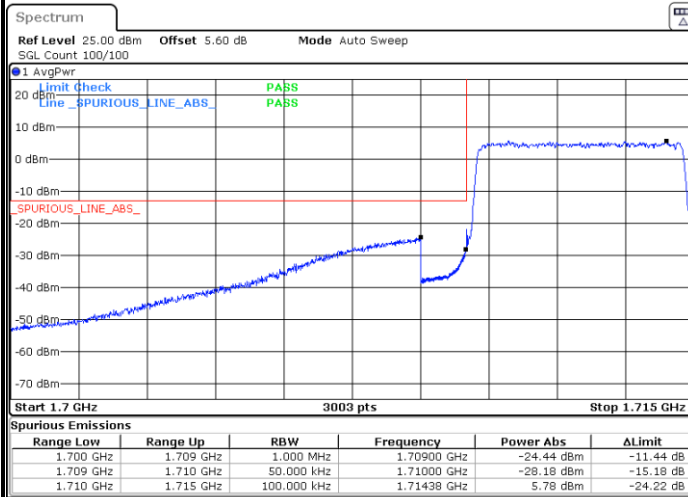
Lowest Band Edge / 1RB



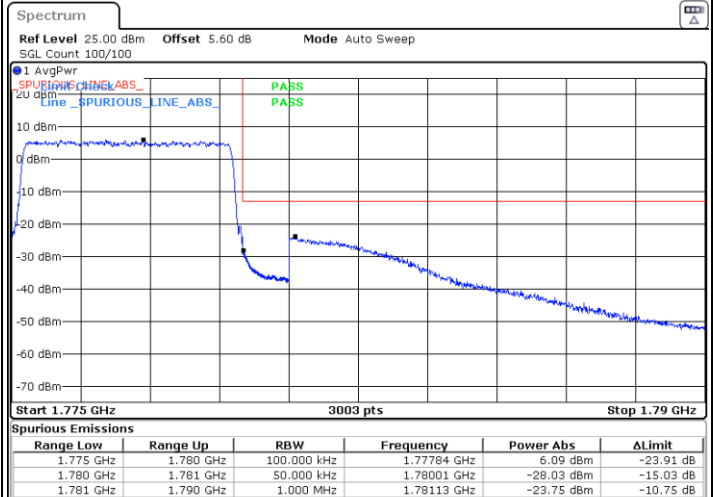
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



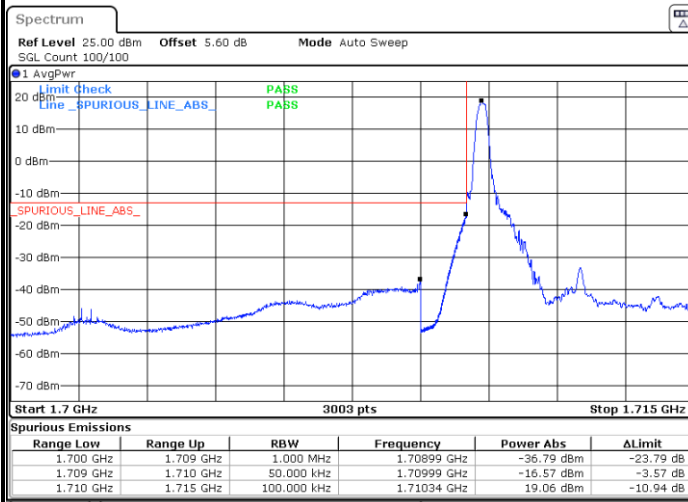
Highest Band Edge / Full RB



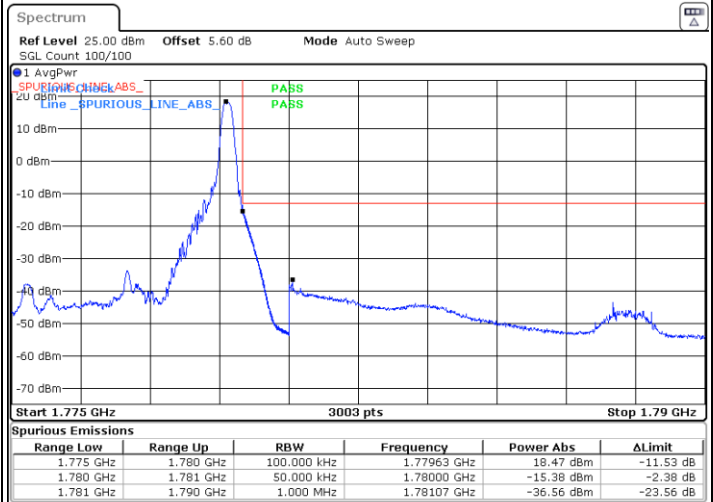


LTE Band 66 / 5MHz / 64QAM

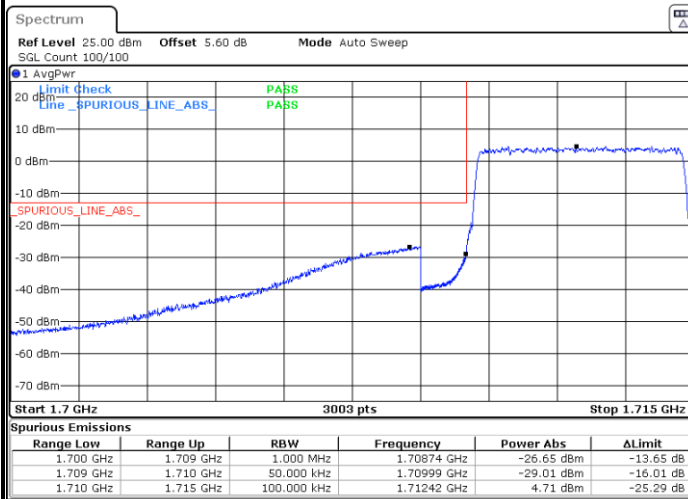
Lowest Band Edge / 1RB



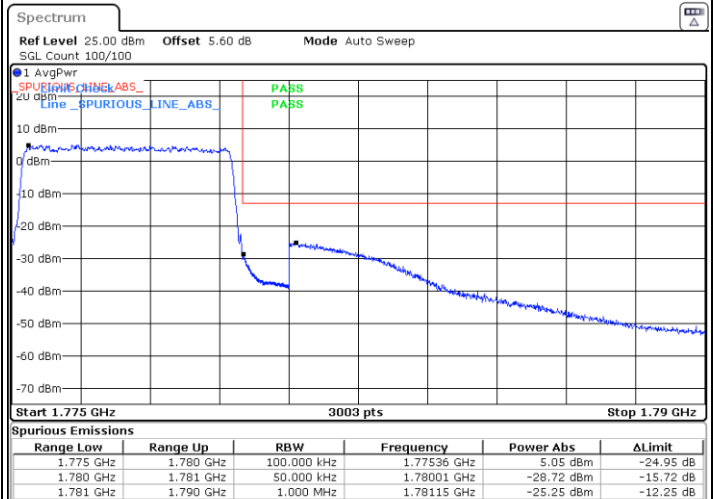
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



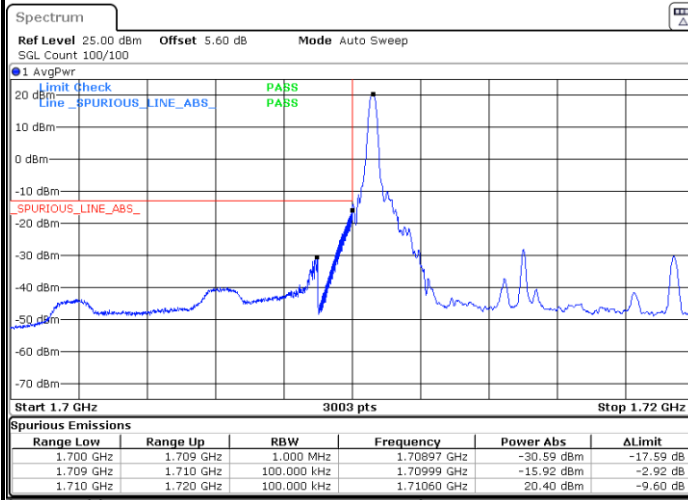
Highest Band Edge / Full RB



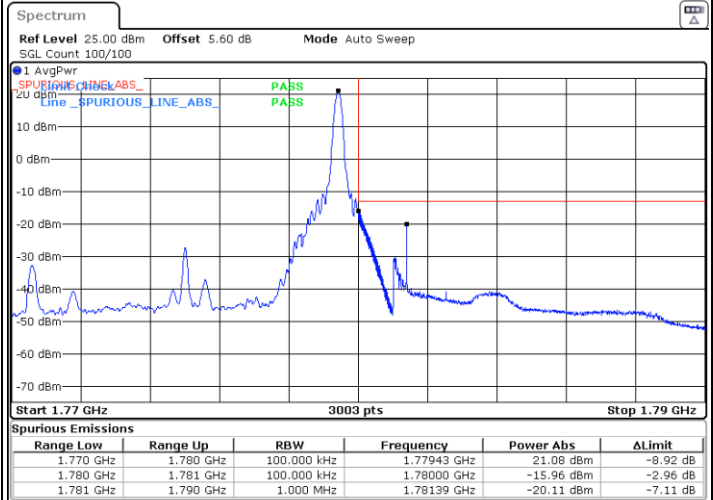


LTE Band 66 / 10MHz / QPSK

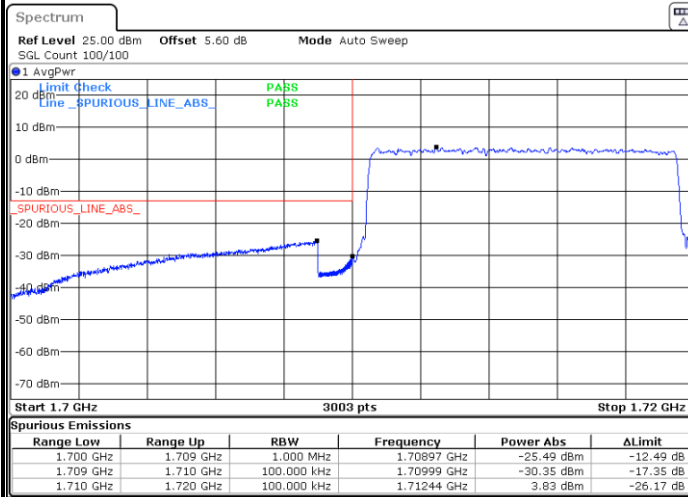
Lowest Band Edge / 1 RB



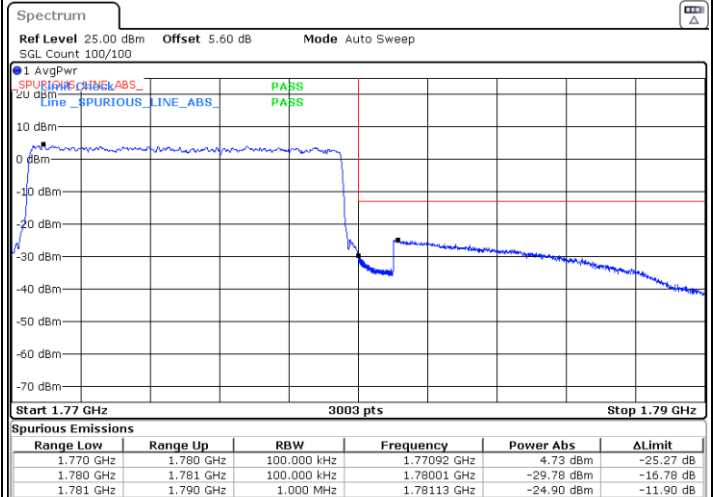
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



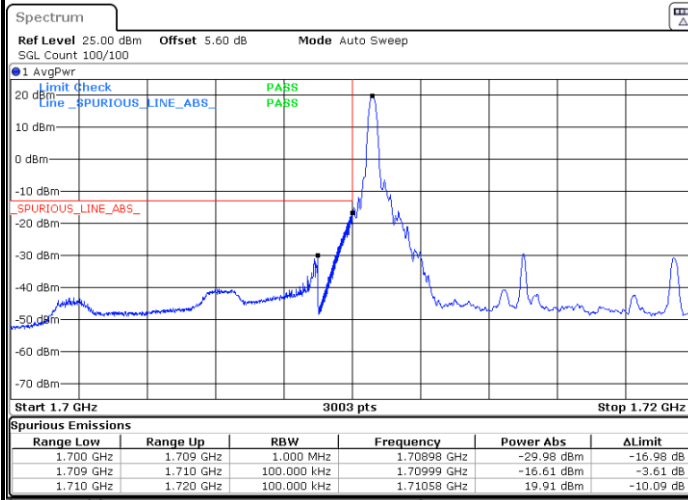
Highest Band Edge / Full RB



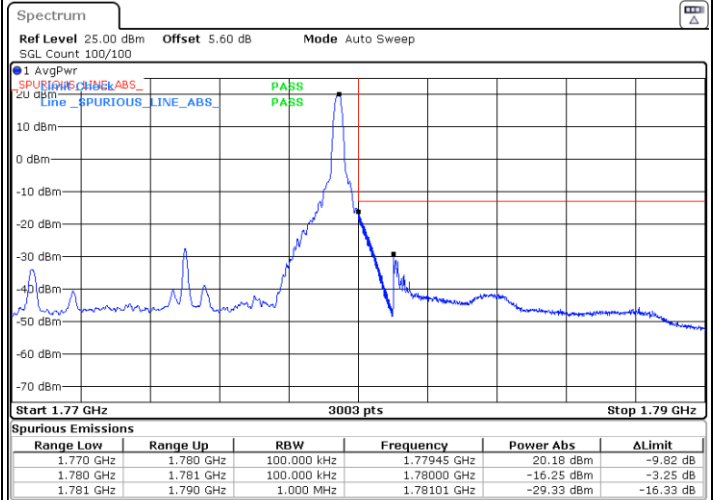


LTE Band 66 / 10MHz / 16QAM

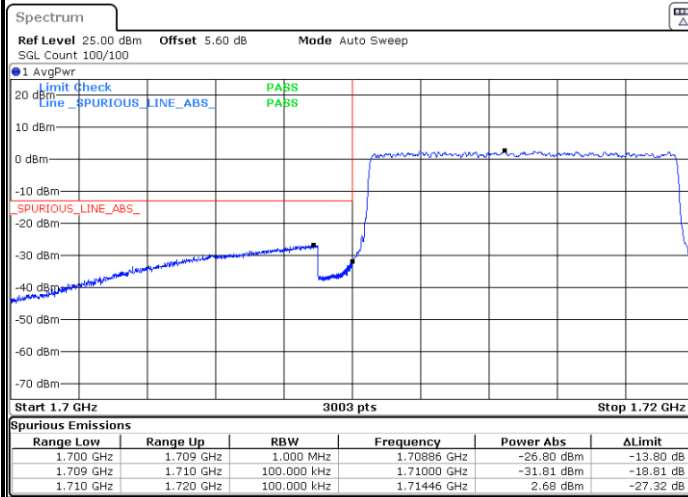
Lowest Band Edge / 1 RB



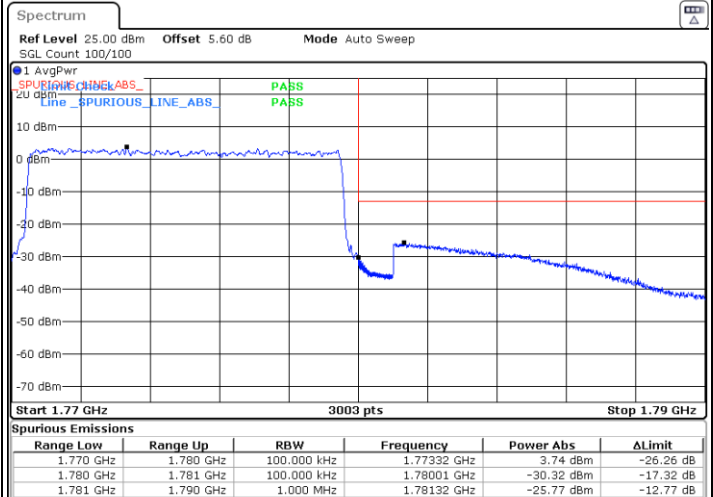
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



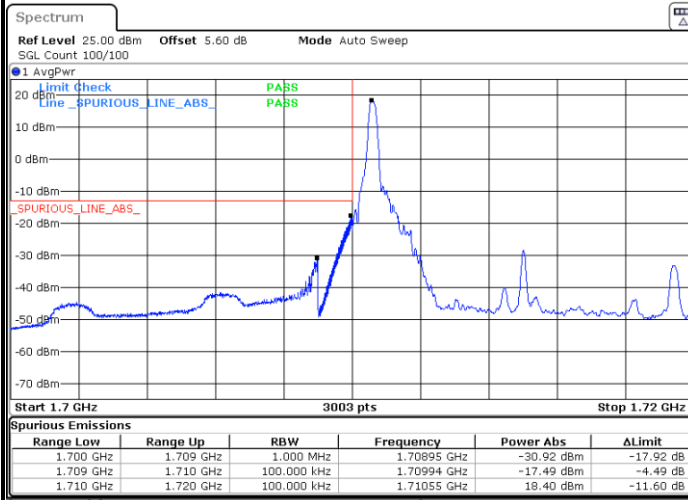
Highest Band Edge / Full RB



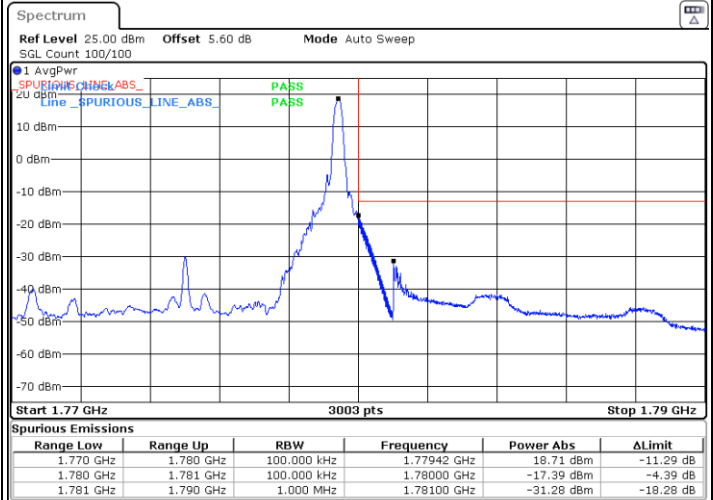


LTE Band 66 / 10MHz / 64QAM

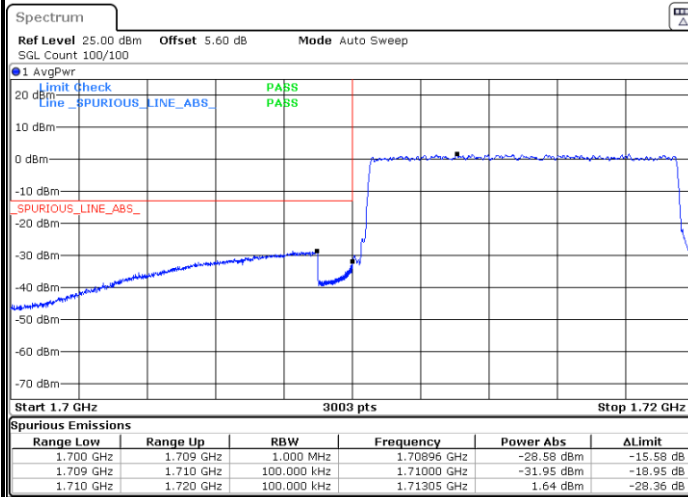
Lowest Band Edge / 1 RB



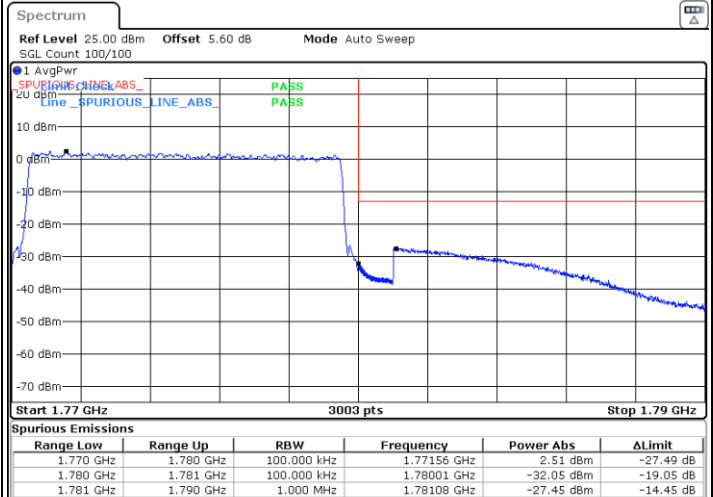
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



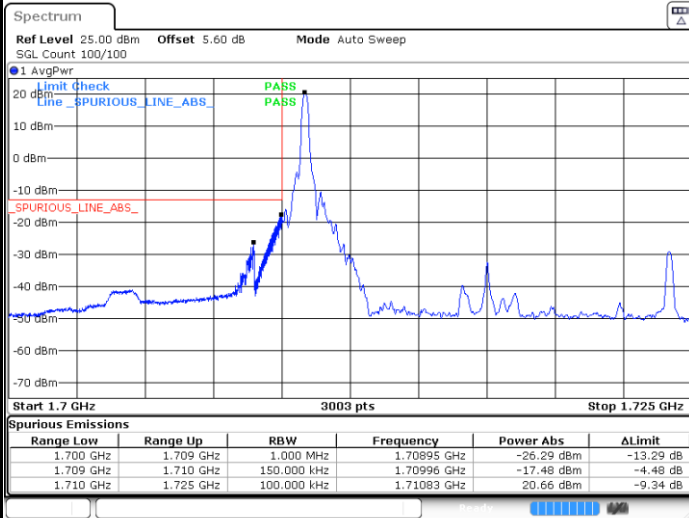
Highest Band Edge / Full RB



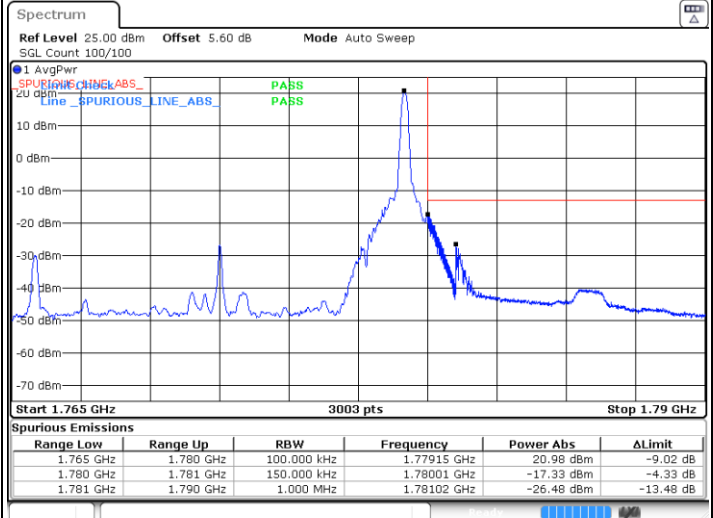


LTE Band 66 / 15MHz / QPSK

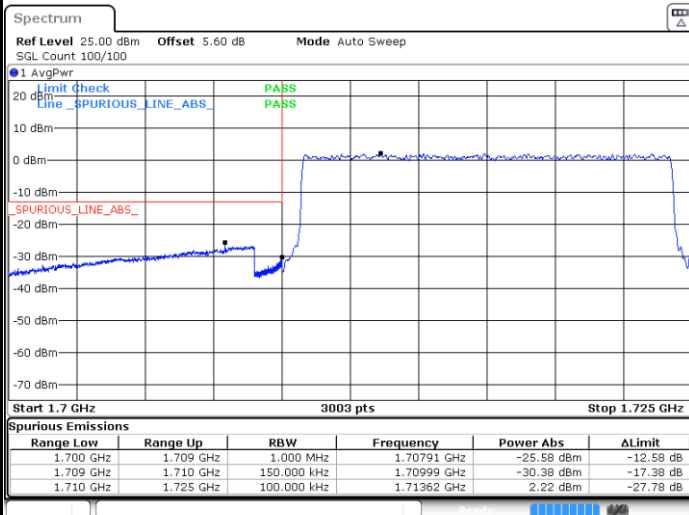
Lowest Band Edge / 1 RB



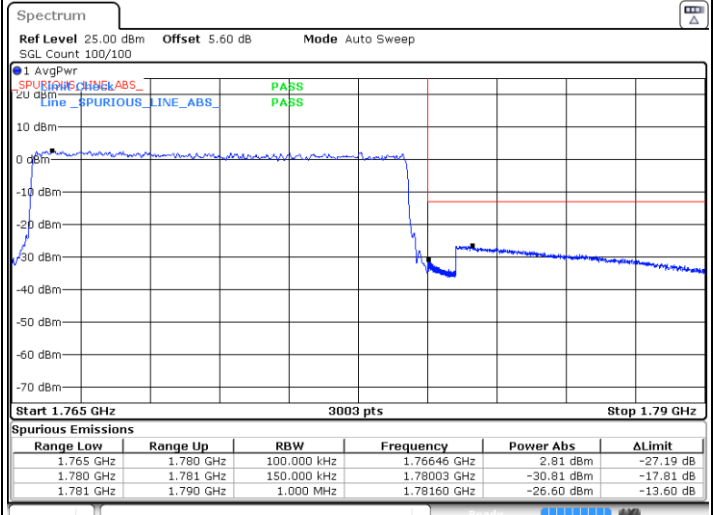
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



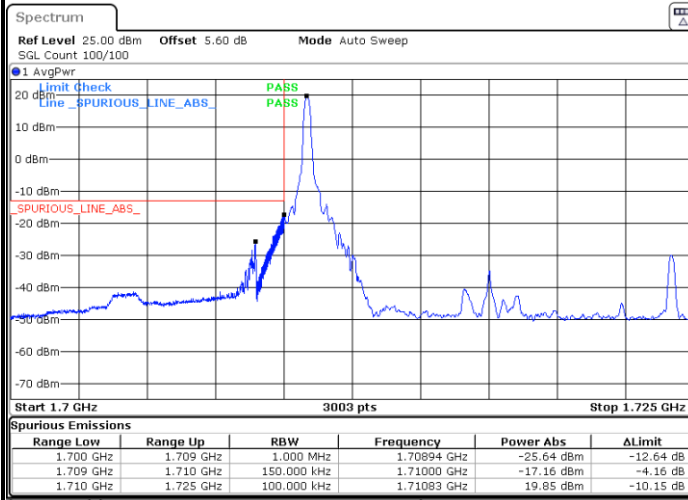
Highest Band Edge / Full RB



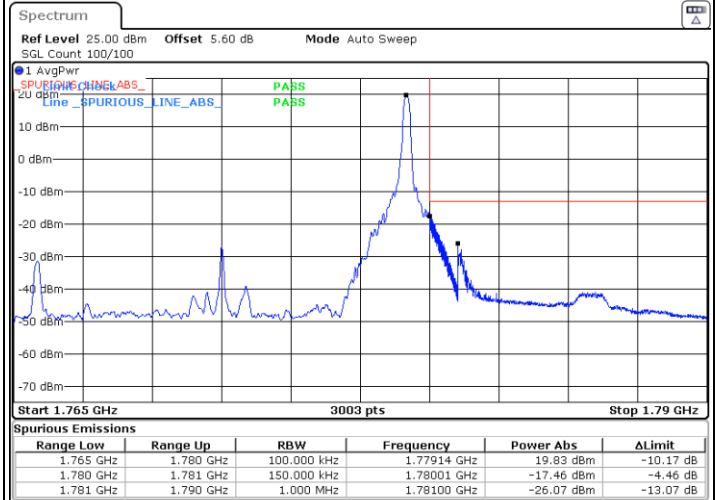


LTE Band 66 / 15MHz / 16QAM

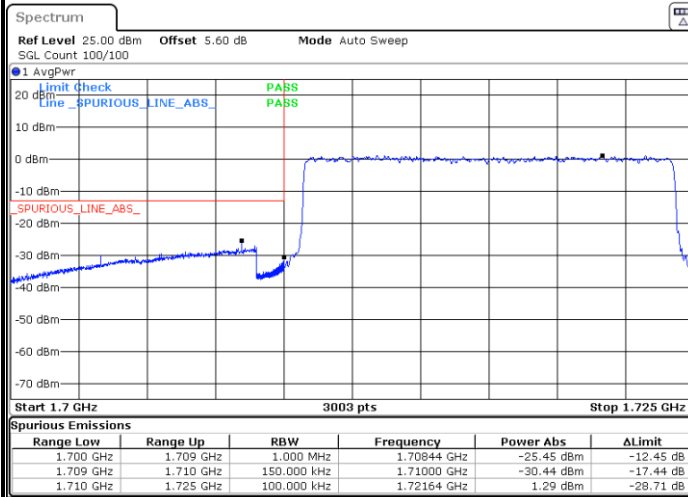
Lowest Band Edge / 1 RB



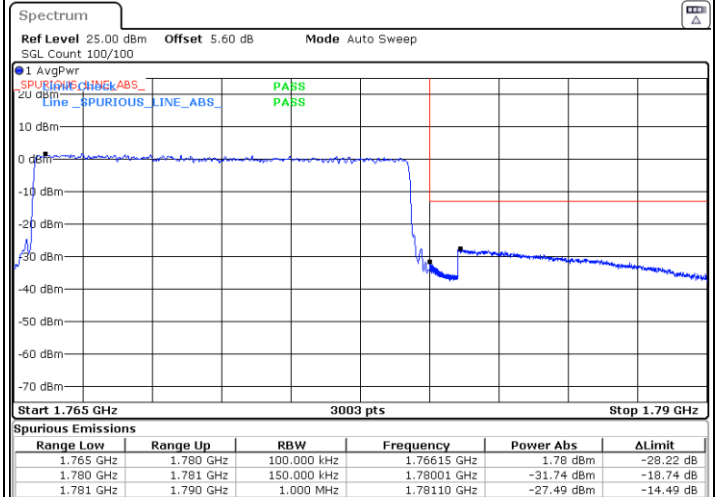
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



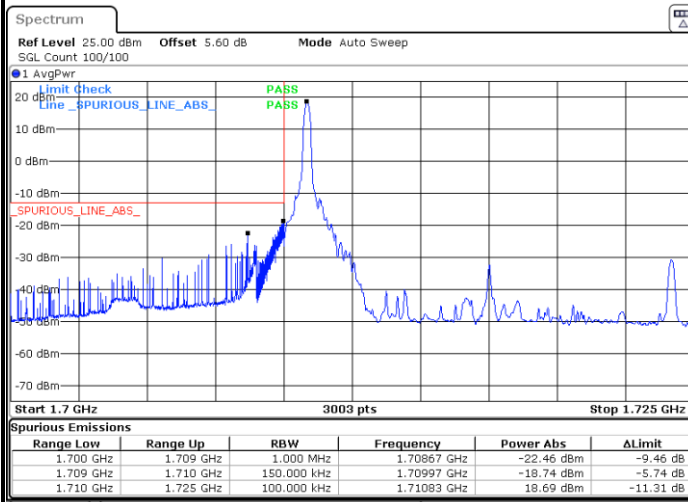
Highest Band Edge / Full RB



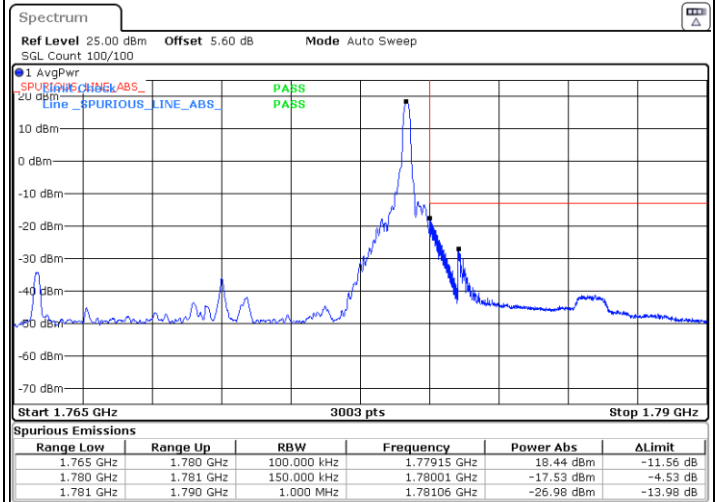


LTE Band 66 / 15MHz / 64QAM

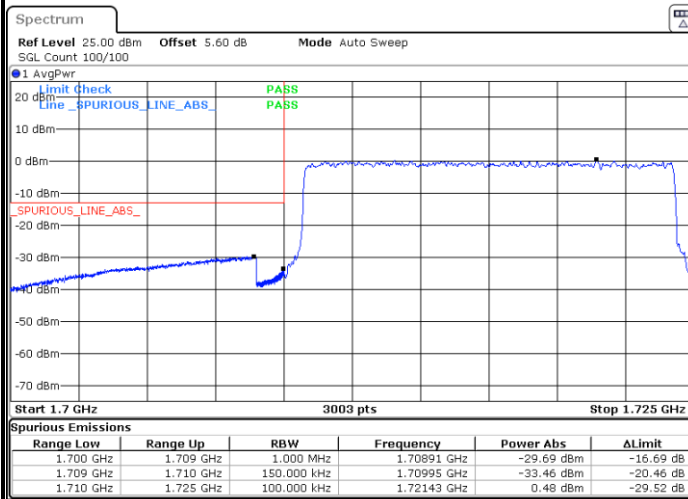
Lowest Band Edge / 1 RB



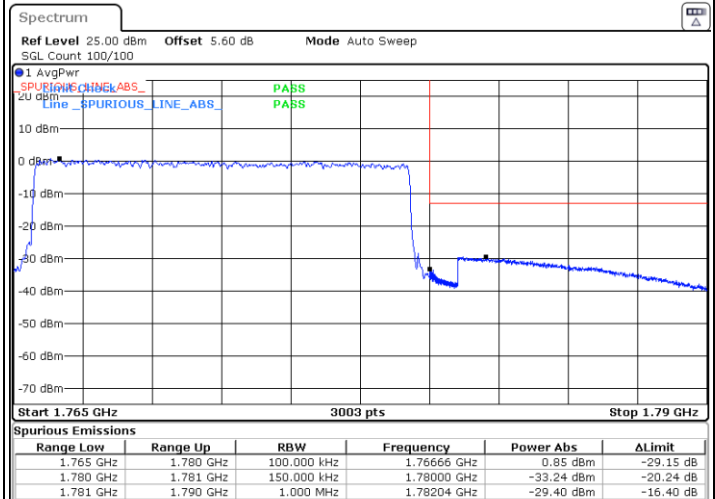
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



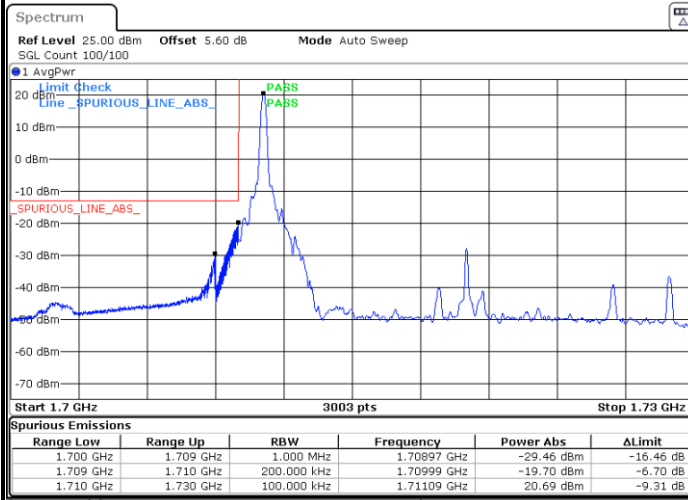
Highest Band Edge / Full RB



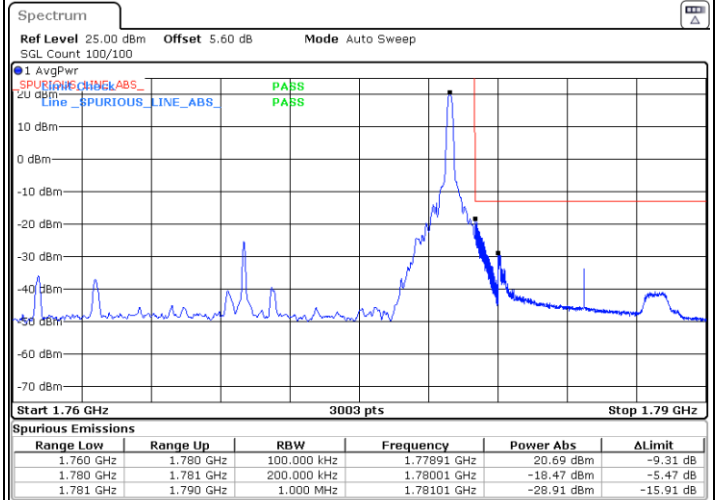


LTE Band 66 / 20MHz / QPSK

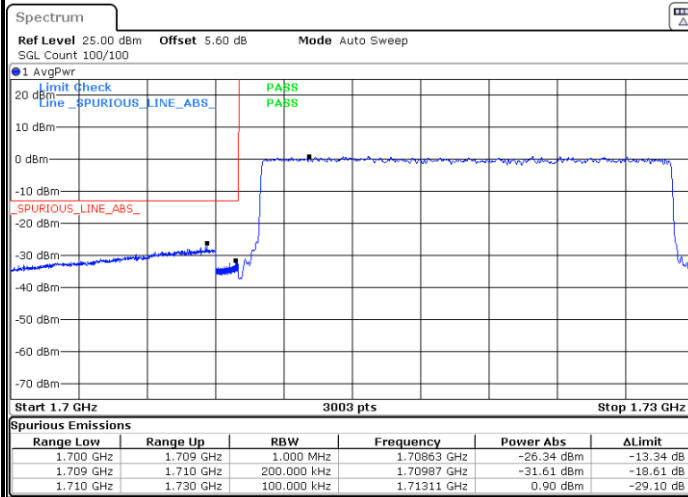
Lowest Band Edge / 1 RB



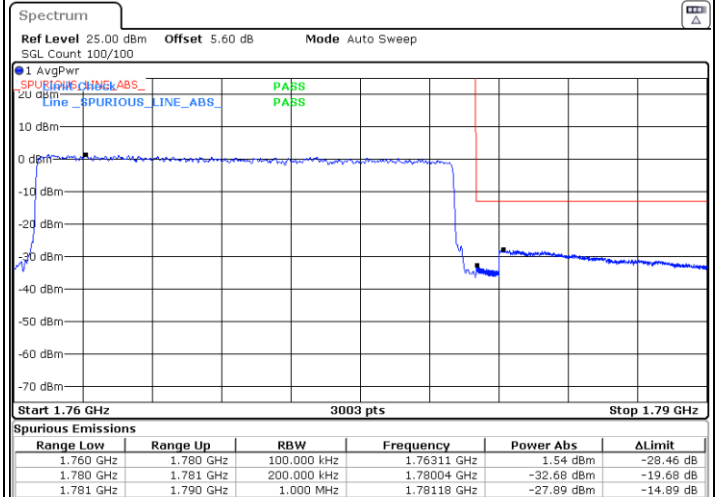
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



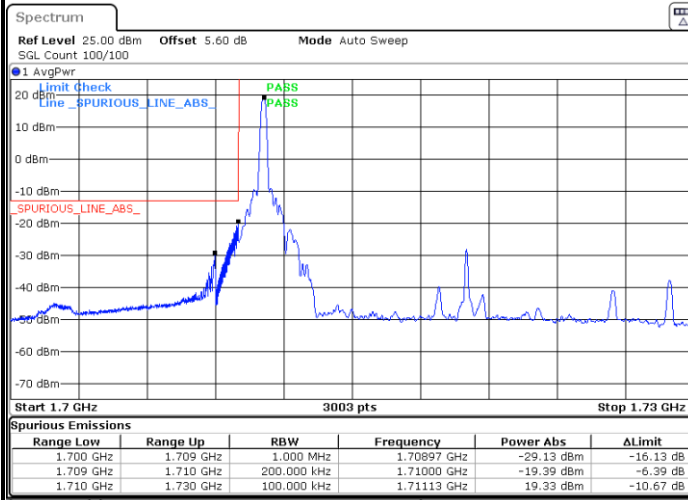
Highest Band Edge / Full RB



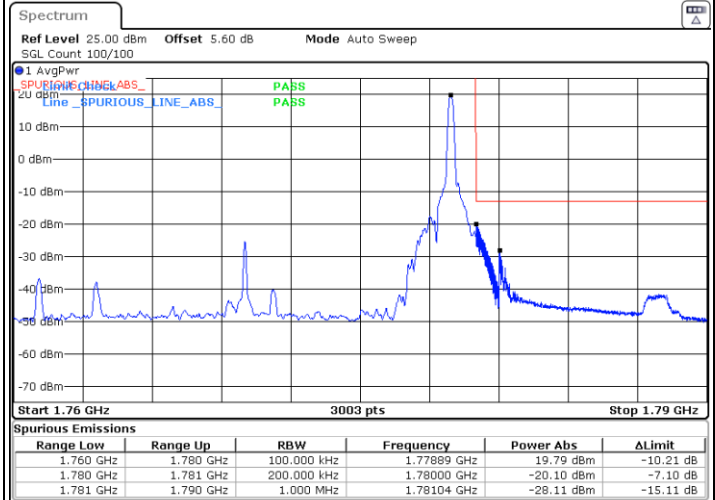


LTE Band 66 / 20MHz / 16QAM

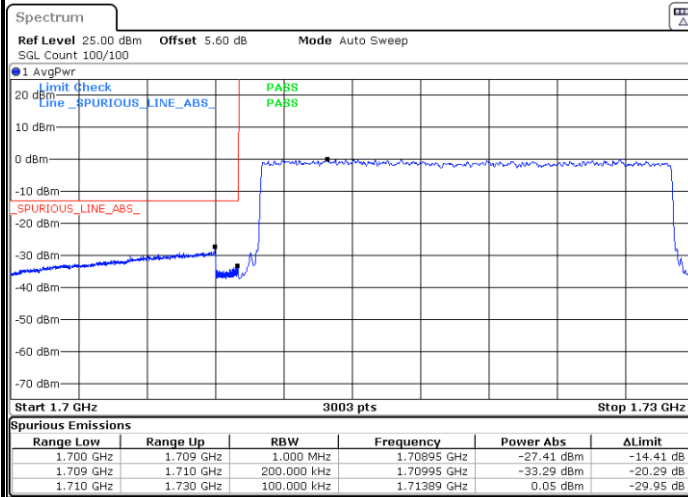
Lowest Band Edge / 1 RB



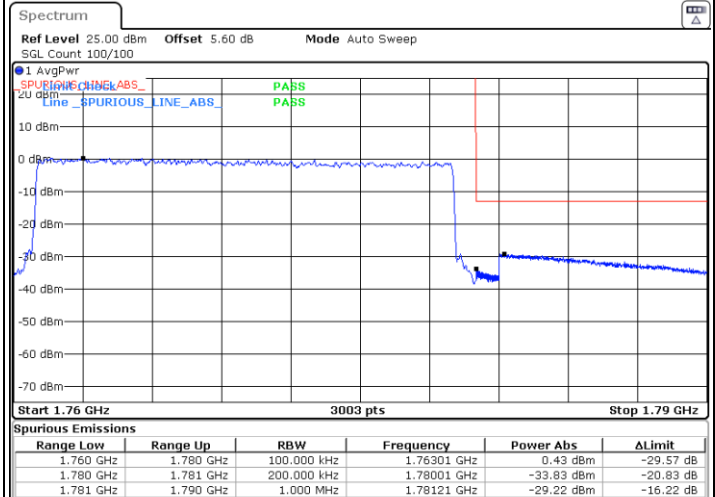
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



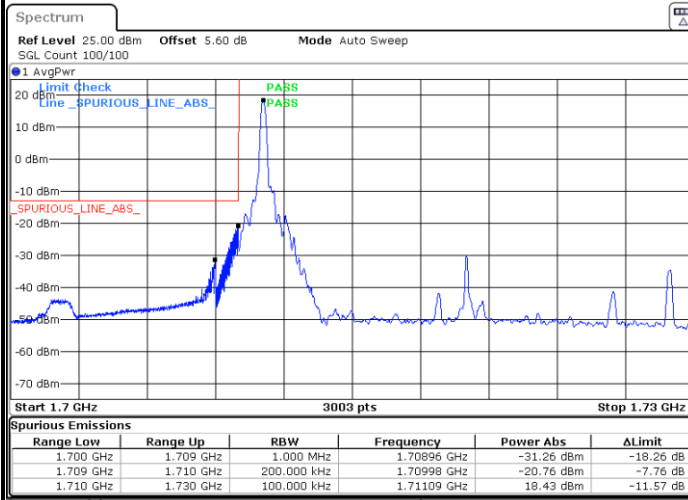
Highest Band Edge / Full RB



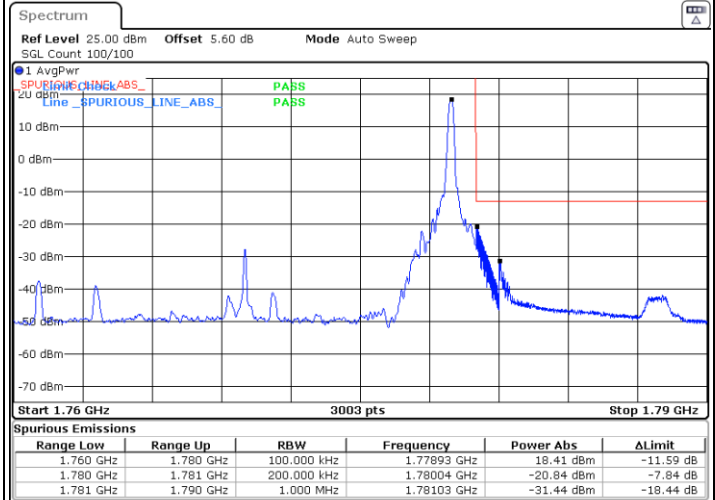


LTE Band 66 / 20MHz / 64QAM

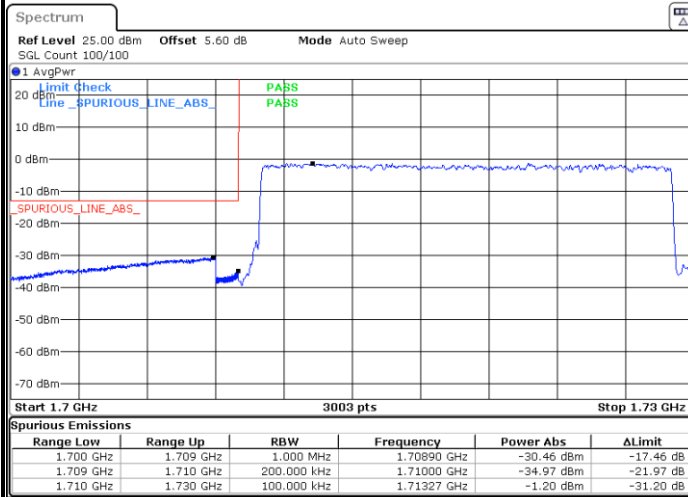
Lowest Band Edge / 1 RB



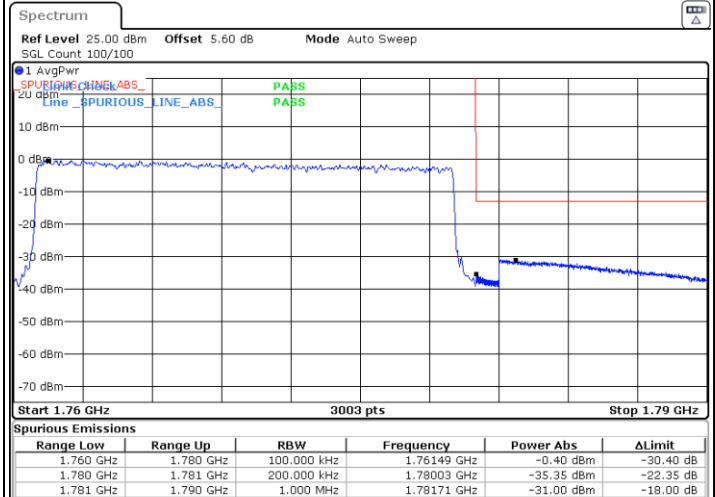
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

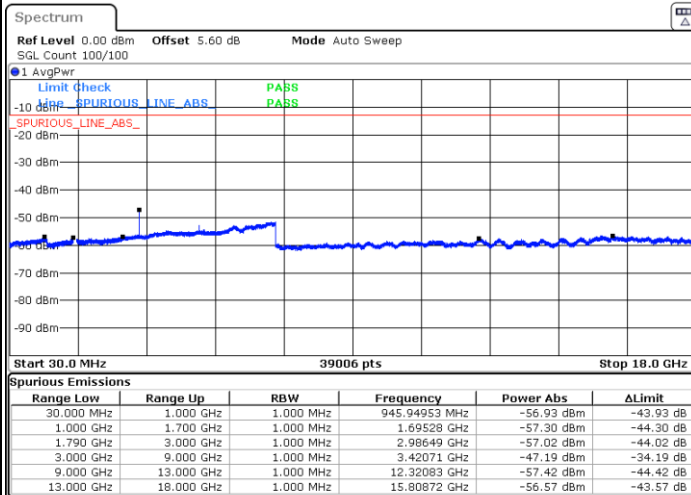




Conducted Spurious Emission

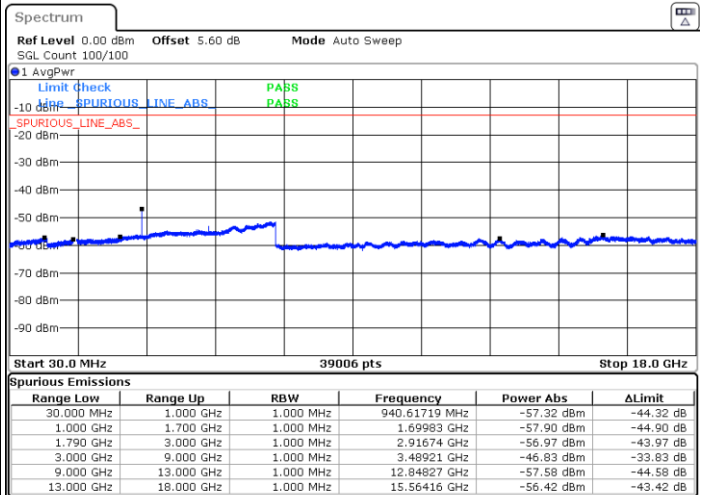
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



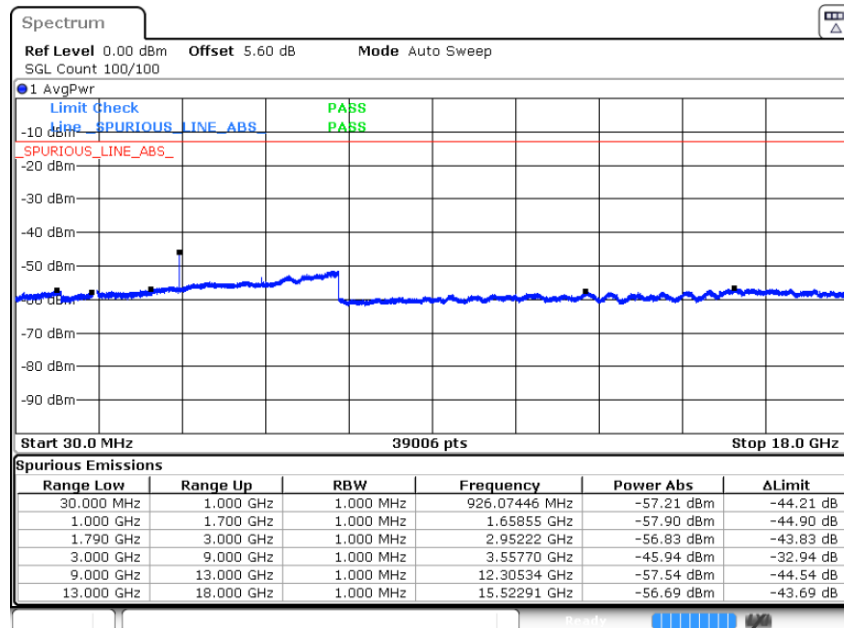
Date: 20 MAR 2025 14:58:43

Middle Channel / QPSK



Date: 20 MAR 2025 15:10:03

Highest Channel / QPSK

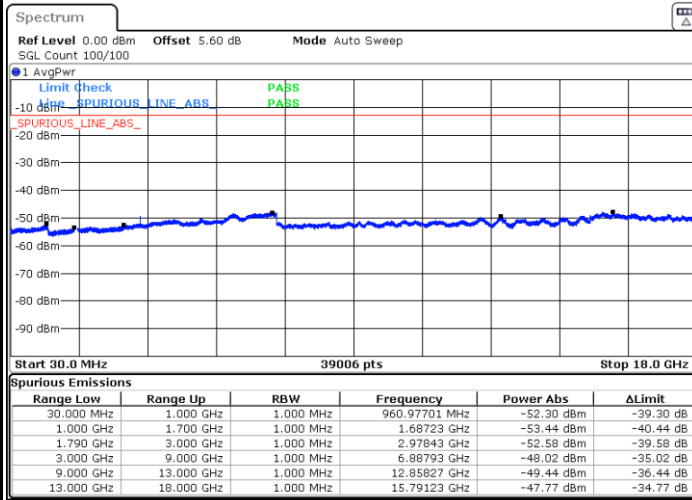


Date: 20 MAR 2025 15:11:24



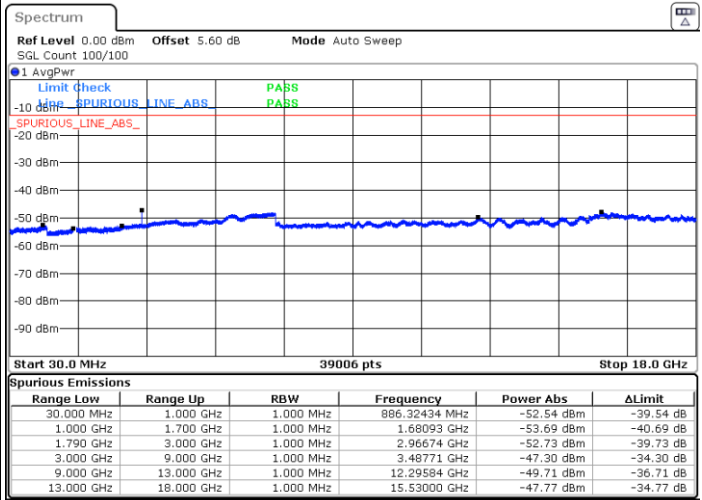
LTE Band 66 / 3MHz

Lowest Channel / QPSK



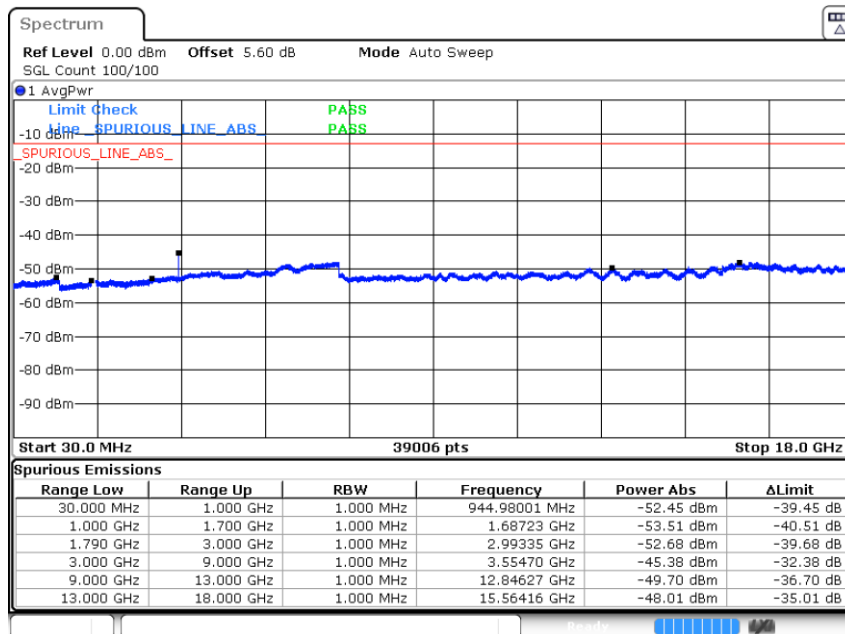
Date: 20 MAR 2025 15:22:44

Middle Channel / QPSK



Date: 20 MAR 2025 15:34:04

Highest Channel / QPSK

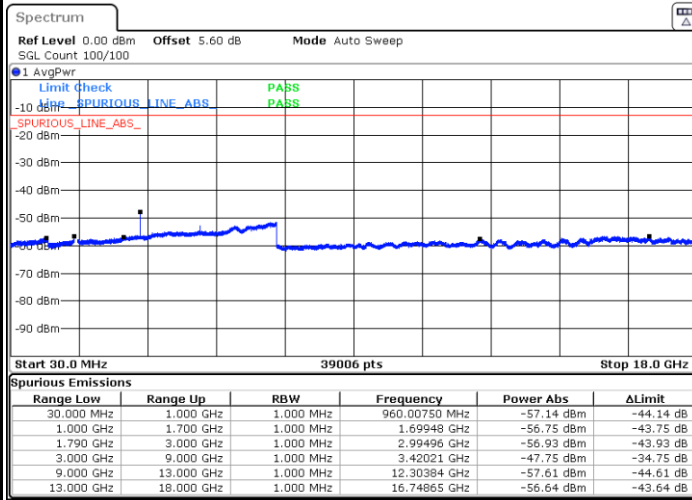


Date: 20 MAR 2025 15:35:24



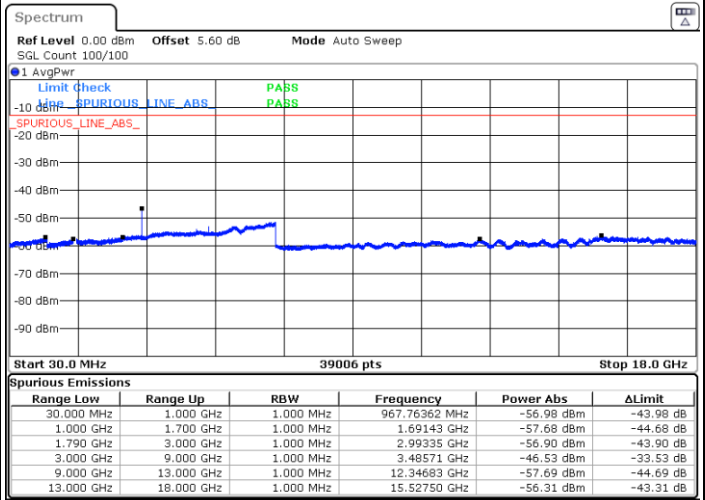
LTE Band 66 / 5MHz

Lowest Channel / QPSK



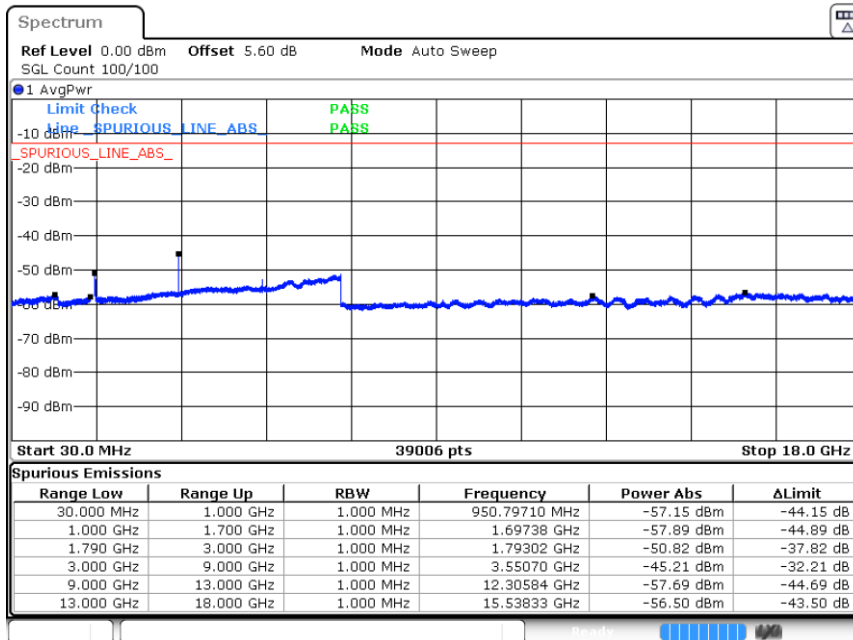
Date: 20 MAR 2025 15:46:45

Middle Channel / QPSK



Date: 20 MAR 2025 15:58:06

Highest Channel / QPSK

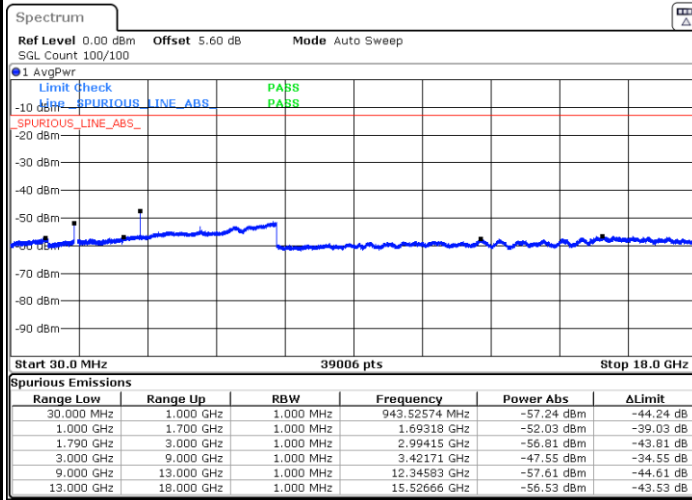


Date: 20.MAR.2025 15:59:26



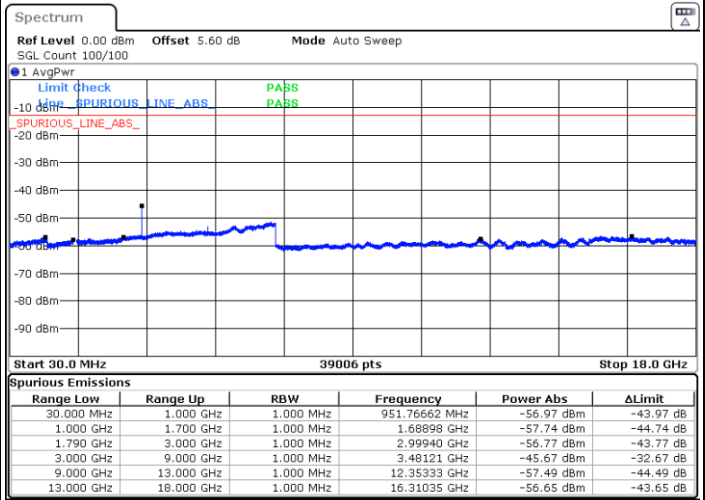
LTE Band 66 / 10MHz

Lowest Channel / QPSK



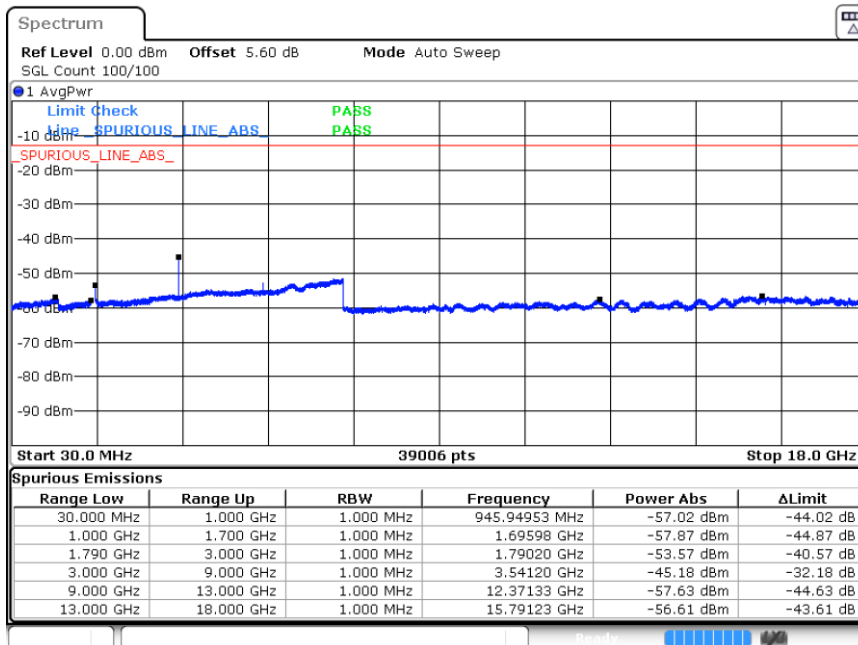
Date: 20 MAR 2025 16:10:48

Middle Channel / QPSK



Date: 20 MAR 2025 16:22:09

Highest Channel / QPSK

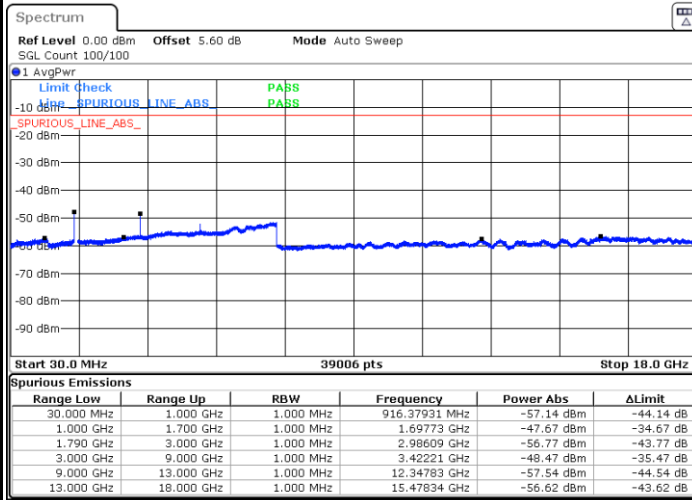


Date: 20.MAR.2025 16:23:29



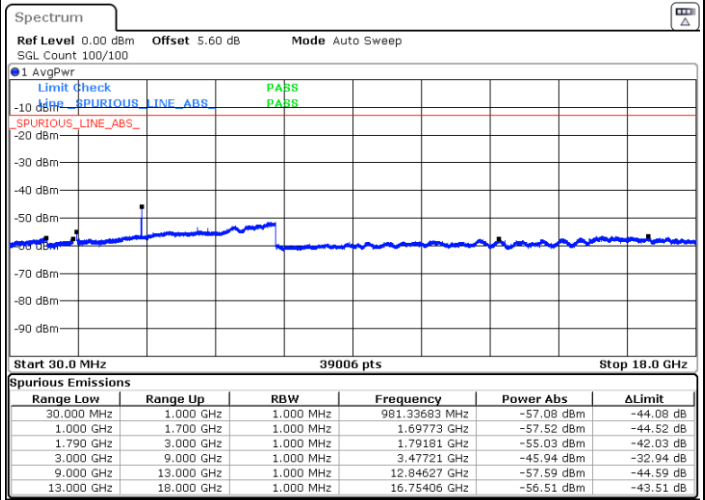
LTE Band 66 / 15MHz

Lowest Channel / QPSK



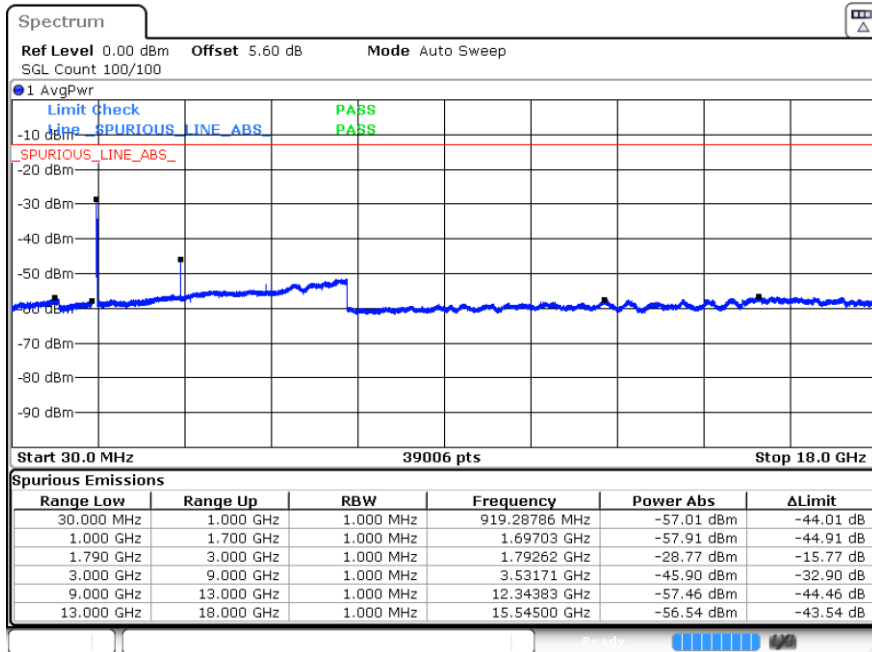
Date: 20 MAR 2025 16:34:52

Middle Channel / QPSK



Date: 20 MAR 2025 16:41:41

Highest Channel / QPSK

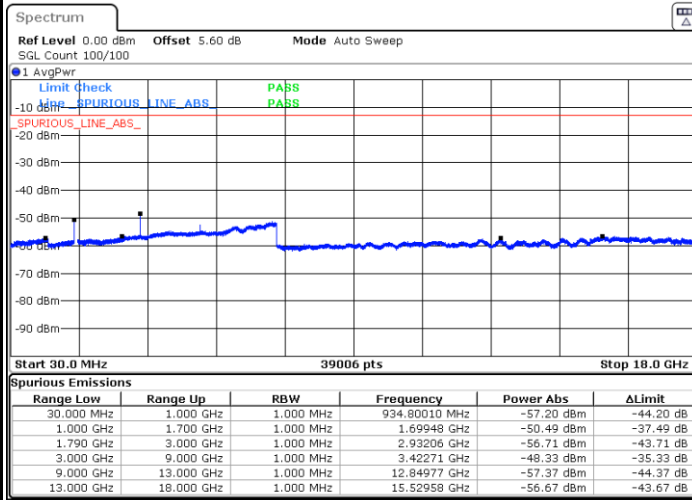


Date: 20.MAR 2025 16:43:02



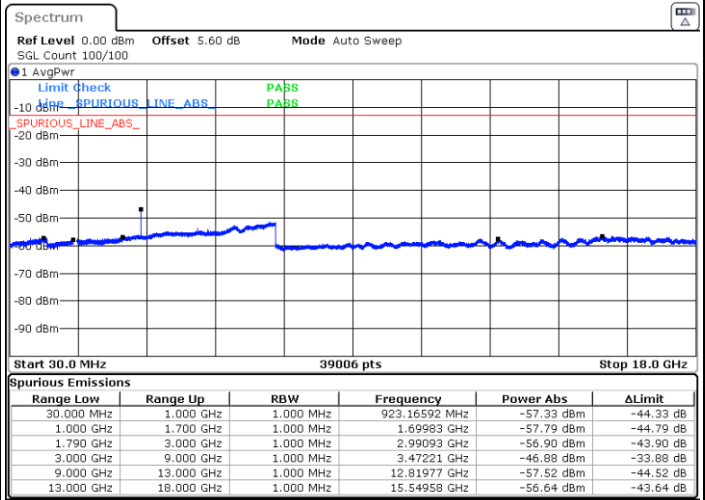
LTE Band 66 / 20MHz

Lowest Channel / QPSK



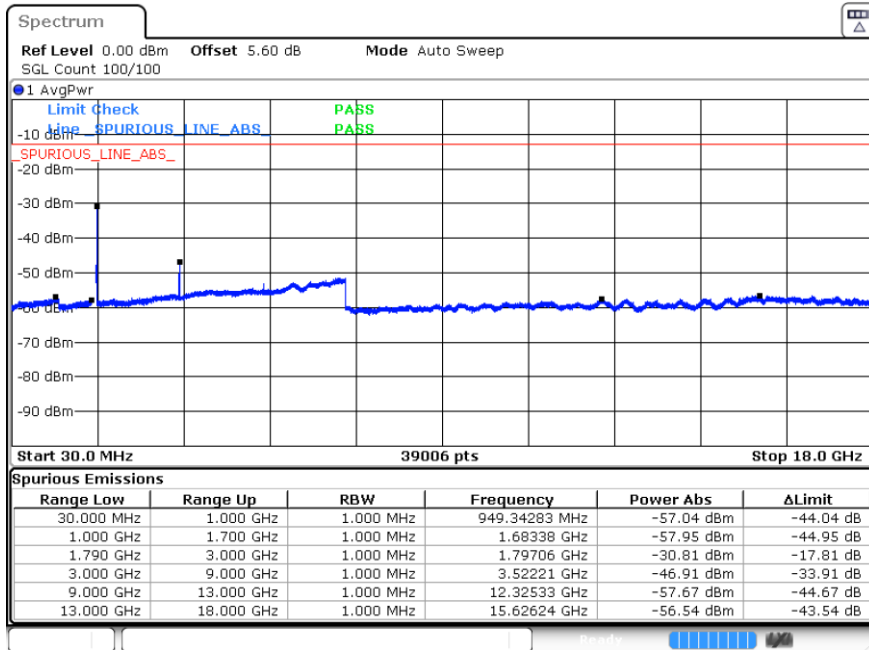
Date: 20 MAR 2025 16:49:54

Middle Channel / QPSK



Date: 20 MAR 2025 16:56:45

Highest Channel / QPSK



Date: 20 MAR 2025 16:58:06

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.26 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 :	Jake	Temperature :	22~25°C
		Relative Humidity :	51~54%

LTE Band 7 / 20MHz / QPSK								
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)
Lowest	5008	-51.68	-25	-26.68	-61.89	3.03	13.24	H
	7500	-46.46	-25	-21.46	-55.91	3.56	13.01	H
	10006	-55.64	-25	-30.64	-65.16	3.92	13.44	H
	5008	-51.81	-25	-26.81	-62.02	3.03	13.24	V
	7500	-44.39	-25	-19.39	-53.84	3.56	13.01	V
	10006	-56.88	-25	-31.88	-66.40	3.92	13.44	V
Middle	5050	-54.16	-25	-29.16	-64.37	3.03	13.24	H
	7584	-47.02	-25	-22.02	-56.47	3.56	13.01	H
	10104	-57.97	-25	-32.97	-67.49	3.92	13.44	H
	5050	-52.61	-25	-27.61	-62.82	3.03	13.24	V
	7584	-47.14	-25	-22.14	-56.59	3.56	13.01	V
	10104	-59.53	-25	-34.53	-69.05	3.92	13.44	V
Highest	5106	-52.76	-25	-27.76	-62.97	3.03	13.24	H
	7654	-46.90	-25	-21.90	-56.35	3.56	13.01	H
	10202	-59.10	-25	-34.10	-68.62	3.92	13.44	H
	5106	-50.49	-25	-25.49	-60.70	3.03	13.24	V
	7654	-47.97	-25	-22.97	-57.42	3.56	13.01	V
	10202	-59.26	-25	-34.26	-68.78	3.92	13.44	V

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



LTE Band 12 / 10MHz / QPSK								
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)
Lowest	1400	-55.42	-13	-42.42	-57.56	1.58	5.87	H
	2096	-44.75	-13	-31.75	-46.42	2.102	5.92	H
	2800	-59.34	-13	-46.34	-62.01	2.856	7.68	H
	1400	-57.43	-13	-44.43	-59.57	1.58	5.87	V
	2096	-44.01	-13	-31.01	-45.68	2.10	5.92	V
	2800	-58.33	-13	-45.33	-61.00	2.86	7.68	V
Middle	1408	-55.77	-13	-42.77	-57.91	1.58	5.87	H
	2112	-46.40	-13	-33.40	-48.07	2.102	5.92	H
	2808	-59.04	-13	-46.04	-61.71	2.856	7.68	H
	1408	-53.17	-13	-40.17	-55.31	1.58	5.87	V
	2112	-44.10	-13	-31.10	-45.77	2.10	5.92	V
	2808	-58.65	-13	-45.65	-61.32	2.86	7.68	V
Highest	1408	-54.64	-13	-41.64	-56.78	1.58	5.87	H
	2112	-43.79	-13	-30.79	-45.46	2.102	5.92	H
	2816	-59.27	-13	-46.27	-61.94	2.856	7.68	H
	1408	-55.11	-13	-42.11	-57.25	1.58	5.87	V
	2112	-43.76	-13	-30.76	-45.43	2.10	5.92	V
	2816	-59.03	-13	-46.03	-61.70	2.86	7.68	V

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

LTE Band 25 / 20MHz / QPSK								
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)
Lowest	3705	-50.46	-13	-37.46	-62.72	2.64	14.90	H
	5550	-55.41	-13	-42.41	-67.27	2.94	14.80	H
	7410	-49.09	-13	-36.09	-58.86	3.39	13.16	H
	9255	-38.90	-13	-25.90	-48.67	3.39	13.16	H
	3705	-48.86	-13	-35.86	-61.12	2.64	14.90	V
	5550	-55.55	-13	-42.55	-67.41	2.94	14.80	V
	7410	-51.16	-13	-38.16	-63.02	2.94	14.80	V
	9255	-39.42	-13	-26.42	-49.19	3.39	13.16	V
Middle	3750	-51.66	-13	-38.66	-63.92	2.64	14.90	H
	5625	-40.04	-13	-27.04	-51.90	2.94	14.80	H
	7500	-49.39	-13	-36.39	-59.16	3.39	13.16	H
	9375	-42.27	-13	-29.27	-52.04	3.39	13.16	H
	3750	-49.57	-13	-36.57	-61.83	2.64	14.90	V
	5625	-42.10	-13	-29.10	-51.87	3.39	13.16	V
	7500	-49.76	-13	-36.76	-61.62	2.94	14.80	V
	9375	-41.77	-13	-28.77	-51.54	3.39	13.16	V
Highest	3795	-48.86	-13	-35.86	-61.12	2.64	14.90	H
	5685	-41.49	-13	-28.49	-53.35	2.94	14.80	H
	7590	-49.88	-13	-36.88	-59.65	3.39	13.16	H
	9480	-45.90	-13	-32.90	-55.67	3.39	13.16	H
	3795	-44.67	-13	-31.67	-56.93	2.64	14.90	V
	5685	-41.00	-13	-28.00	-50.77	3.39	13.16	V
	7590	-51.16	-13	-38.16	-63.02	2.94	14.80	V
	9480	-44.88	-13	-31.88	-54.65	3.39	13.16	V

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



LTE Band 26 / 15MHz / QPSK								
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)
Lowest	1648	-57.00	-13	-44.00	-63.97	1.58	10.70	H
	2472	-43.91	-13	-30.91	-52.16	2.102	12.50	H
	3296	-59.27	-13	-46.27	-68.16	2.856	13.90	H
	1648	-54.38	-13	-41.38	-61.35	1.58	10.70	V
	2472	-36.26	-13	-23.26	-44.51	2.10	12.50	V
	3296	-59.18	-13	-46.18	-68.07	2.86	13.90	V
Middle	1656	-55.00	-13	-42.00	-61.97	1.58	10.70	H
	2488	-44.03	-13	-31.03	-52.28	2.102	12.50	H
	3320	-59.34	-13	-46.34	-68.23	2.856	13.90	H
	1656	-55.28	-13	-42.28	-62.25	1.58	10.70	V
	2488	-44.11	-13	-31.11	-52.36	2.10	12.50	V
	3320	-59.10	-13	-46.10	-67.99	2.86	13.90	V
Highest	1672	-57.42	-13	-44.42	-64.39	1.58	10.70	H
	2504	-45.27	-13	-32.27	-53.52	2.102	12.50	H
	3336	-59.64	-13	-46.64	-68.53	2.856	13.90	H
	1672	-56.33	-13	-43.33	-63.30	1.58	10.70	V
	2504	-38.66	-13	-25.66	-46.91	2.10	12.50	V
	3336	-58.36	-13	-45.36	-67.25	2.86	13.90	V

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

LTE Band 41 / 20MHz / QPSK								
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)
Lowest	4994	-52.70	-25	-27.70	-62.91	3.03	13.24	H
	7486	-42.89	-25	-17.89	-52.34	3.56	13.01	H
	9992	-49.87	-25	-24.87	-59.39	3.92	13.44	H
	4994	-52.04	-25	-27.04	-62.25	3.03	13.24	V
	7486	-45.84	-25	-20.84	-55.29	3.56	13.01	V
	9992	-54.74	-25	-29.74	-64.26	3.92	13.44	V
Middle	5162	-49.70	-25	-24.70	-59.91	3.03	13.24	H
	7752	-45.75	-25	-20.75	-55.20	3.56	13.01	H
	10342	-50.49	-25	-25.49	-60.01	3.92	13.44	H
	5162	-47.46	-25	-22.46	-57.67	3.03	13.24	V
	7752	-47.15	-25	-22.15	-56.60	3.56	13.01	V
	10342	-55.72	-25	-30.72	-65.24	3.92	13.44	V
Highest	5344	-46.62	-25	-21.62	-56.83	3.03	13.24	H
	8018	-32.15	-25	-7.15	-41.60	3.56	13.01	H
	10678	-49.90	-25	-24.90	-59.42	3.92	13.44	H
	5344	-45.18	-25	-20.18	-55.39	3.03	13.24	V
	8018	-37.34	-25	-12.34	-46.79	3.56	13.01	V
	10678	-51.59	-25	-26.59	-61.11	3.92	13.44	V

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



LTE Band 66 / 20MHz / QPSK								
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)
Lowest	3420	-55.46	-13	-42.46	-66.20	2.604	13.34	H
	5130	-50.26	-13	-37.26	-60.77	3.011	13.52	H
	6840	-53.32	-13	-40.32	-63.52	3.271	13.47	H
	3420	-52.66	-13	-39.66	-63.40	2.604	13.34	V
	5130	-43.66	-13	-30.66	-54.17	3.011	13.52	V
	6840	-53.41	-13	-40.41	-63.61	3.271	13.47	V
Middle	3465	-56.64	-13	-43.64	-67.38	2.604	13.34	H
	5205	-49.58	-13	-36.58	-60.09	3.011	13.52	H
	6945	-53.22	-13	-40.22	-63.42	3.271	13.47	H
	3465	-55.83	-13	-42.83	-66.57	2.604	13.34	V
	5205	-45.20	-13	-32.20	-55.71	3.011	13.52	V
	6945	-52.95	-13	-39.95	-63.15	3.271	13.47	V
Highest	3525	-54.72	-13	-41.72	-65.46	2.604	13.34	H
	5280	-47.11	-13	-34.11	-57.62	3.011	13.52	H
	7050	-53.58	-13	-40.58	-63.78	3.271	13.47	H
	3525	-55.47	-13	-42.47	-66.21	2.604	13.34	V
	5280	-43.23	-13	-30.23	-53.74	3.011	13.52	V
	7050	-53.68	-13	-40.68	-63.88	3.271	13.47	V

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