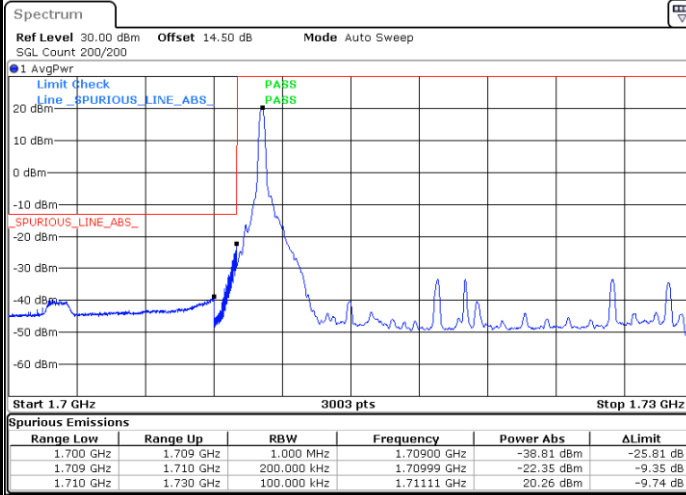


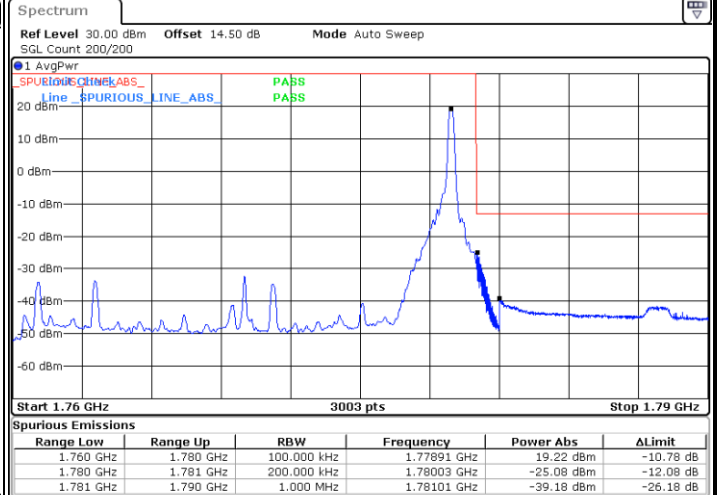


LTE Band 66 / 20MHz / 16QAM

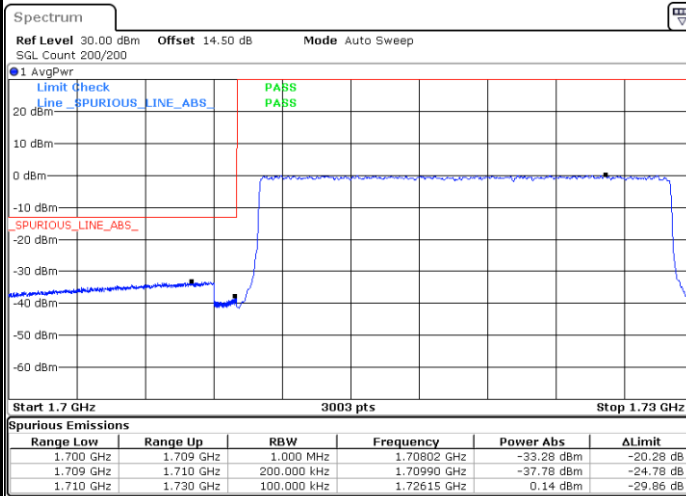
Lowest Band Edge / 1 RB



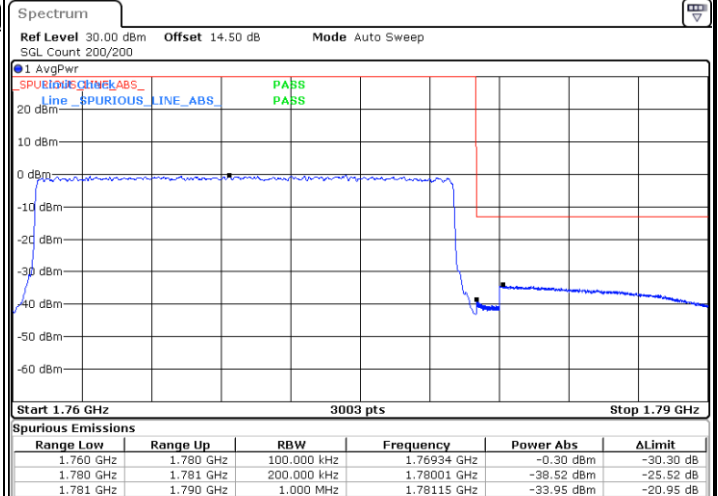
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



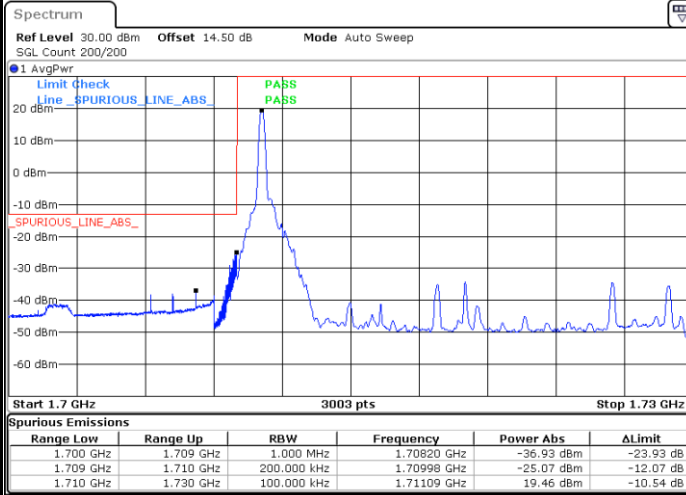
Highest Band Edge / Full RB



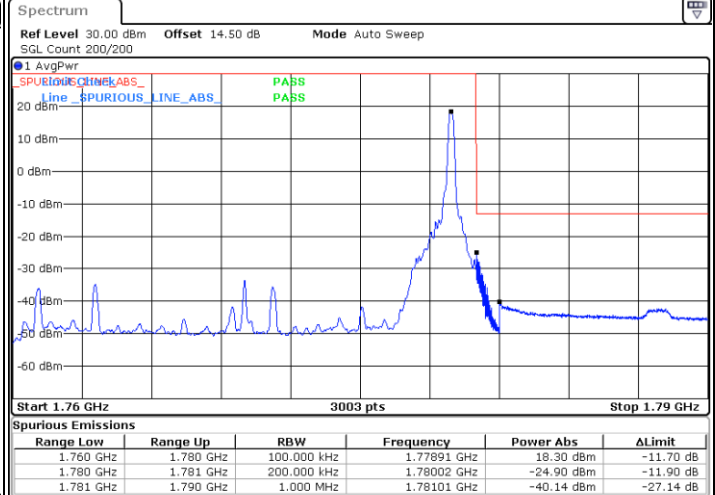


LTE Band 66 / 20MHz / 64QAM

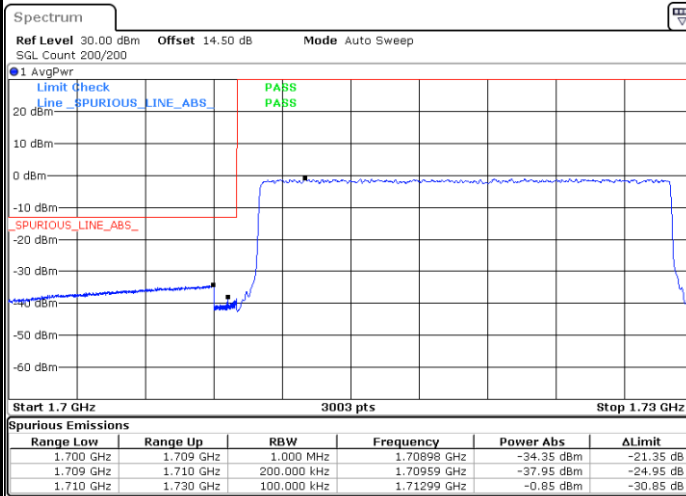
Lowest Band Edge / 1 RB



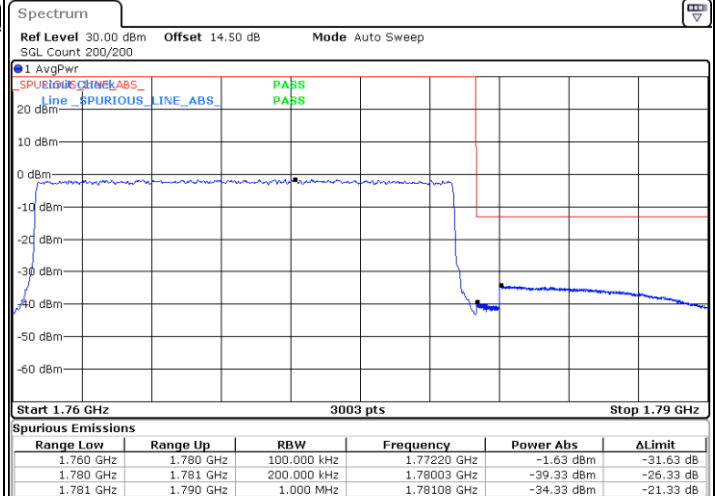
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

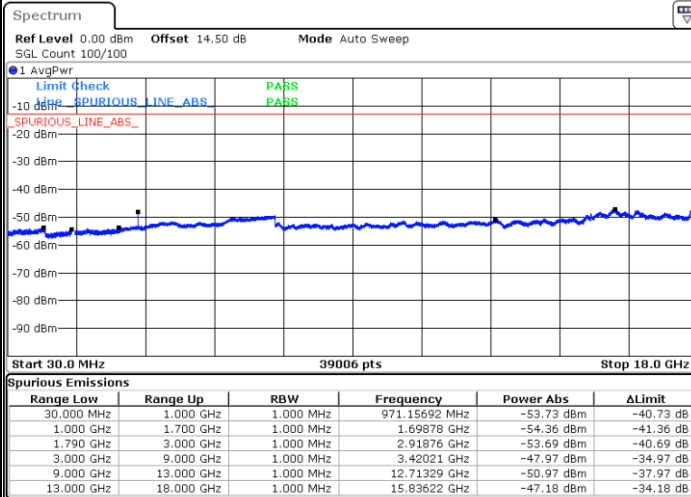




Conducted Spurious Emission

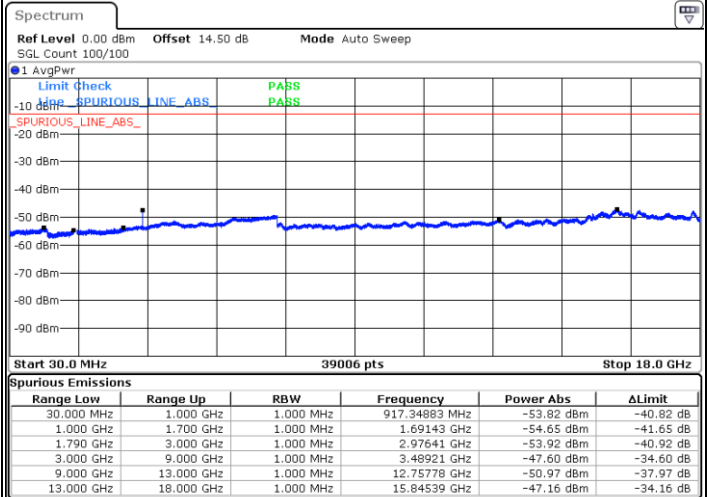
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



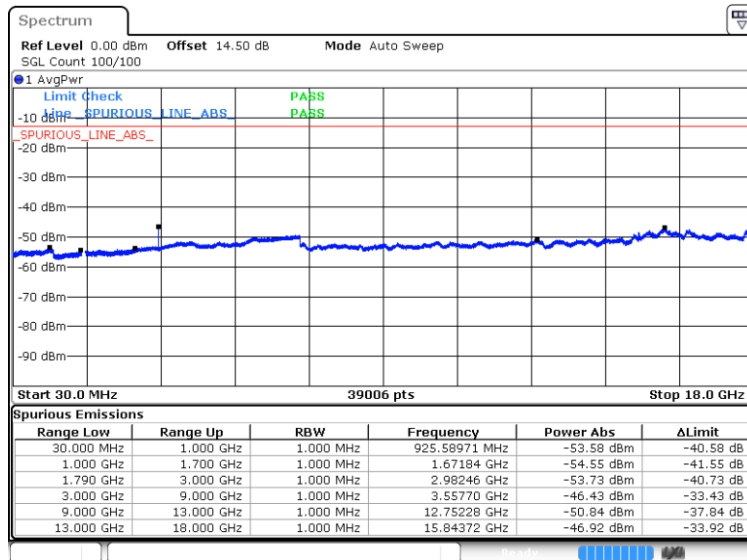
Date: 21.FEB.2025 14:49:59

Middle Channel / QPSK



Date: 21.FEB.2025 14:53:03

Highest Channel / QPSK

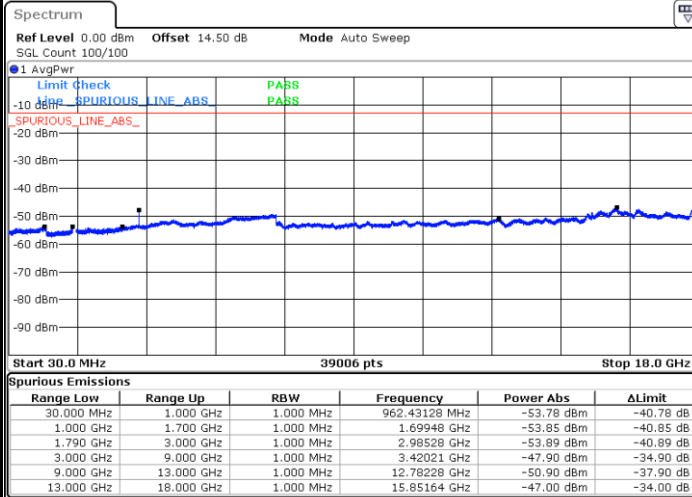


Date: 21.FEB.2025 14:57:26



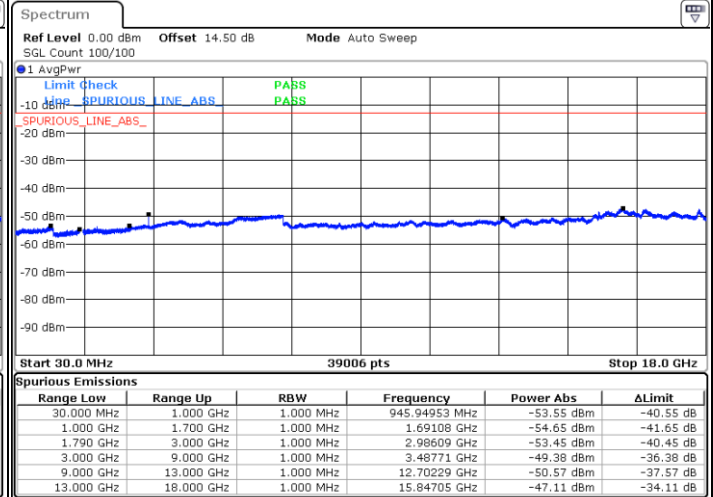
LTE Band 66 / 3MHz

Lowest Channel / QPSK



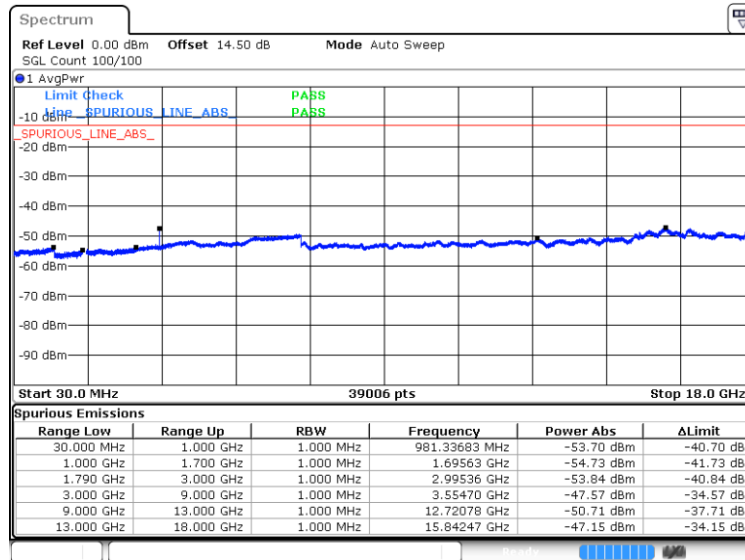
Date: 21.FEB.2025 15:03:18

Middle Channel / QPSK



Date: 21.FEB.2025 16:46:10

Highest Channel / QPSK

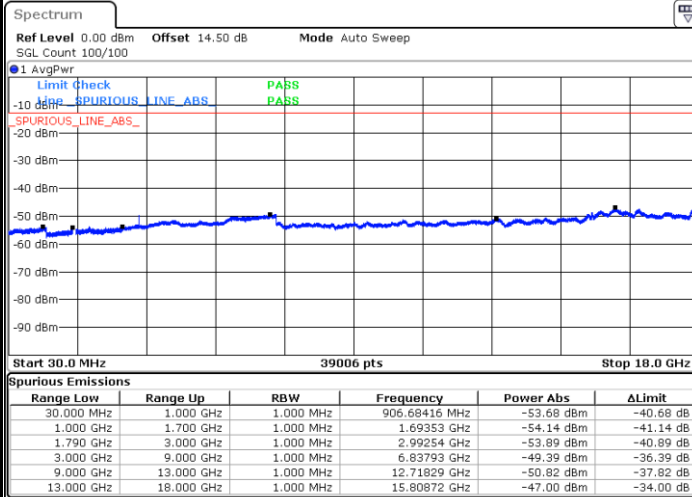


Date: 21.FEB.2025 16:52:40



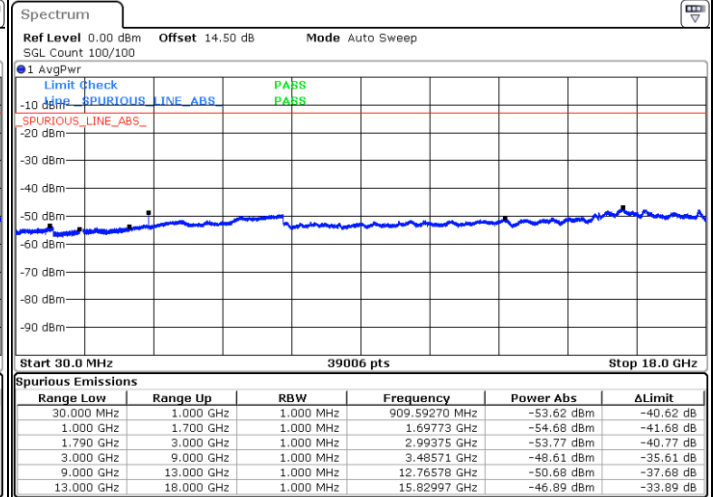
LTE Band 66 / 5MHz

Lowest Channel / QPSK



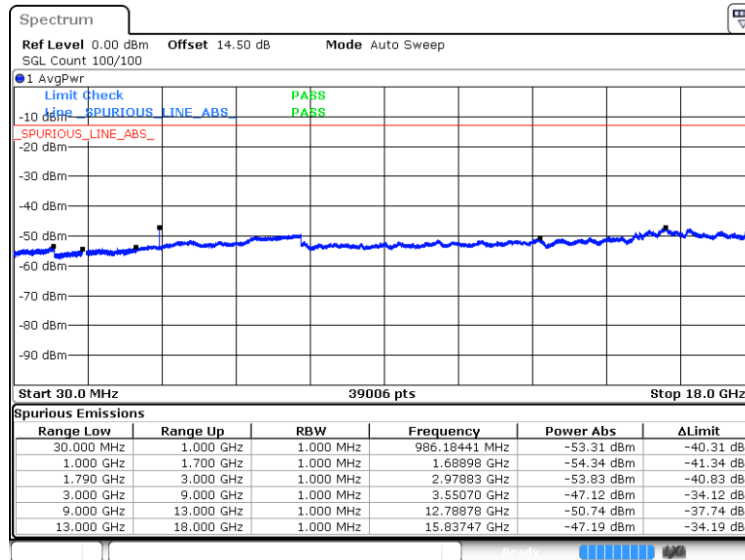
Date: 21.FEB.2025 16:56:27

Middle Channel / QPSK



Date: 21.FEB.2025 16:59:32

Highest Channel / QPSK

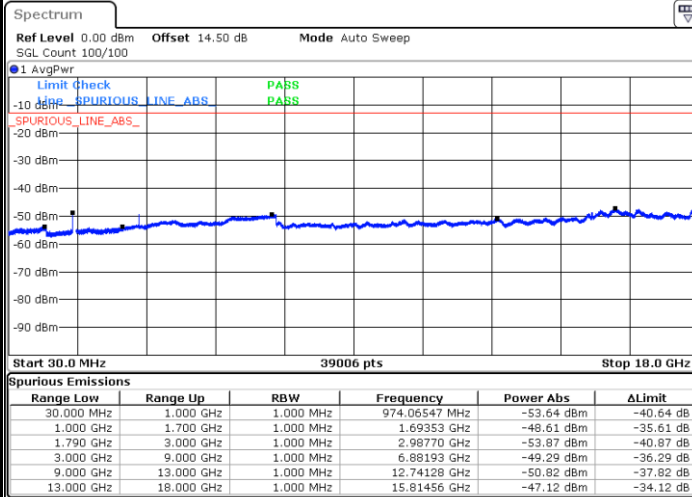


Date: 21.FEB.2025 17:06:00



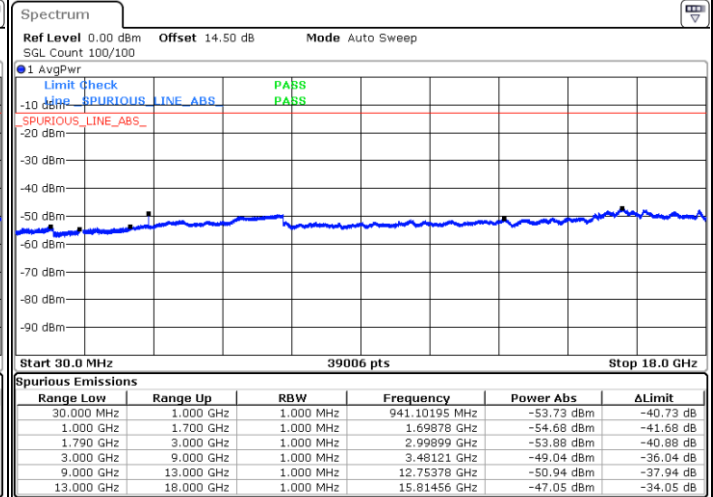
LTE Band 66 / 10MHz

Lowest Channel / QPSK



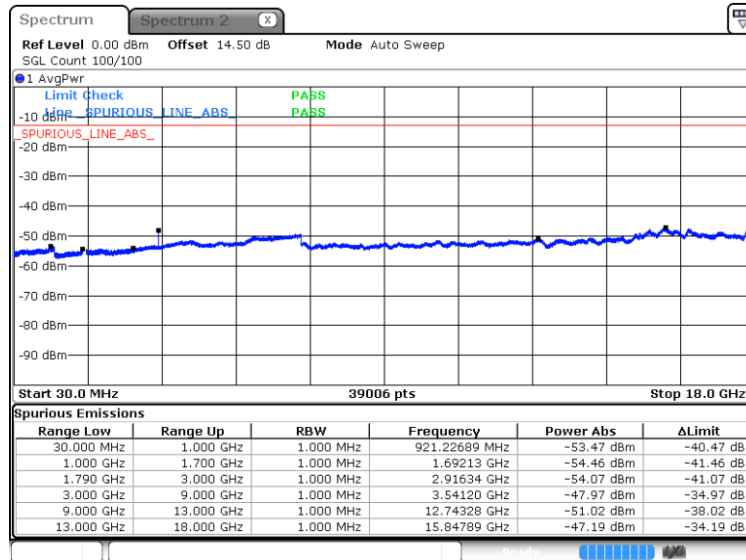
Date: 21.FEB.2025 17:11:51

Middle Channel / QPSK



Date: 21.FEB.2025 17:12:51

Highest Channel / QPSK

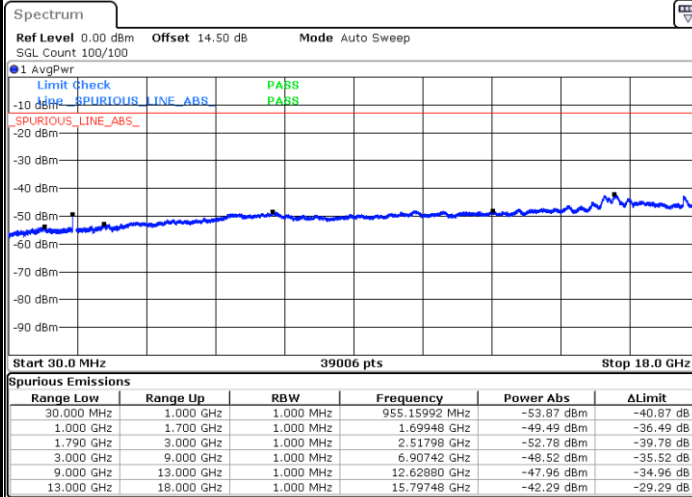


Date: 25.FEB.2025 10:43:50



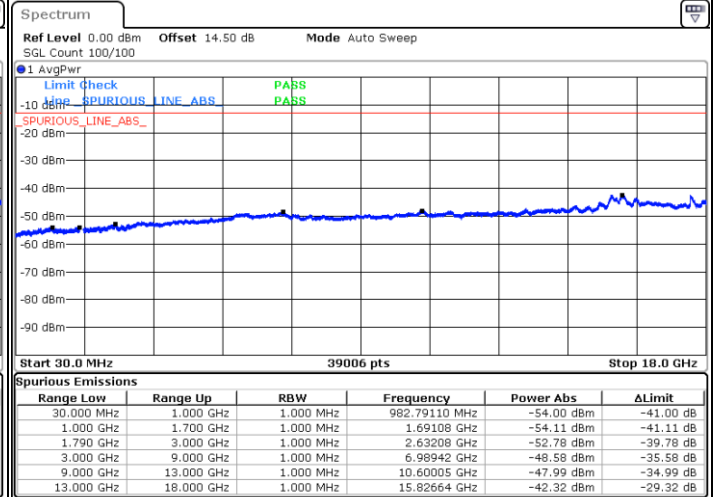
LTE Band 66 / 15MHz

Lowest Channel / QPSK



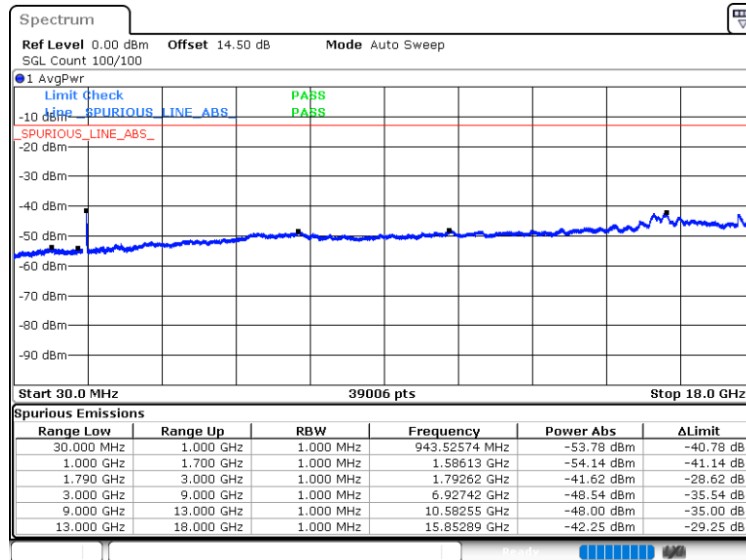
Date: 25.FEB.2025 04:55:13

Middle Channel / QPSK



Date: 25.FEB.2025 04:56:23

Highest Channel / QPSK

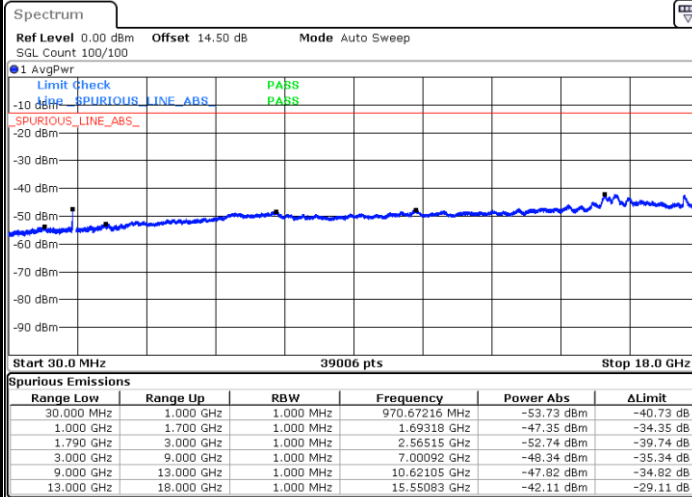


Date: 25.FEB.2025 05:03:28



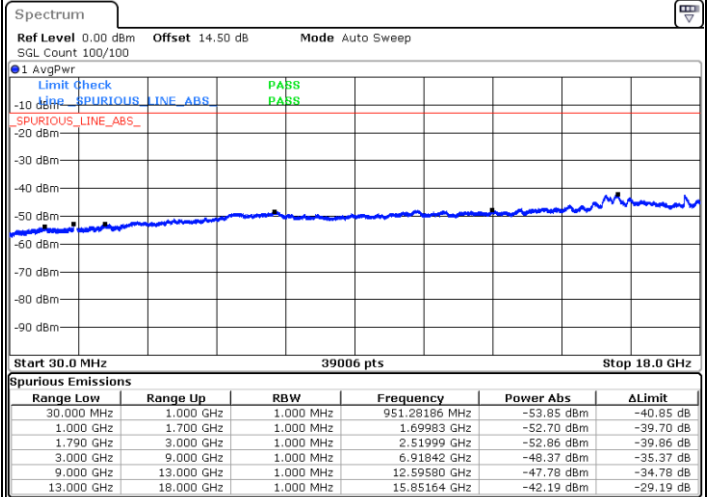
LTE Band 66 / 20MHz

Lowest Channel / QPSK



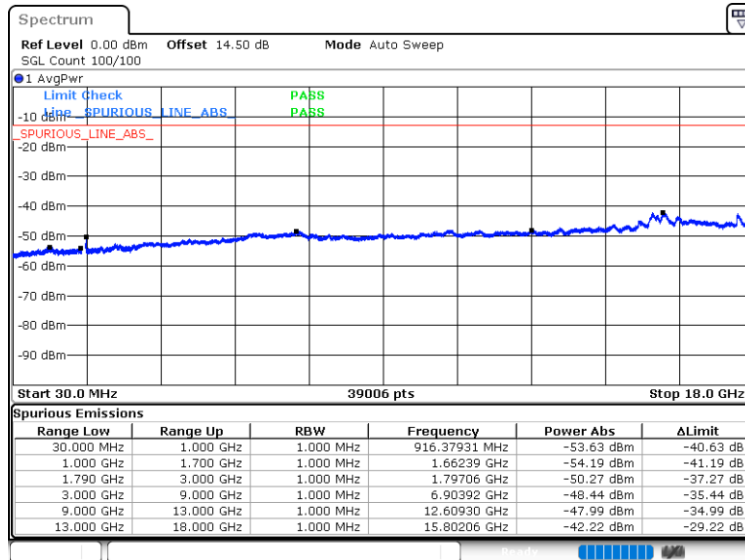
Date: 25.FEB.2025 04:32:31

Middle Channel / QPSK



Date: 25.FEB.2025 04:33:41

Highest Channel / QPSK



Date: 25.FEB.2025 04:42:08

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	1.9	PASS
40	Normal Voltage	-2.6	
30	Normal Voltage	4.1	
20(Ref.)	Normal Voltage	2.3	
10	Normal Voltage	2.5	
0	Normal Voltage	-3.1	
-10	Normal Voltage	4.7	
-20	Normal Voltage	1.2	
-30	Normal Voltage	-3.1	
20	Maximum Voltage	3.7	
20	Normal Voltage	-2.6	
20	Battery End Point	2.8	

Note:

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.45 V.; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 4.7\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.146145	$\geq 1710 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1779.845455	$\leq 1780 \text{ MHz}$	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 25 / 20MHz / QPSK/ANT1									
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	3702	-61.17	-13	-48.17	-79.63	-67.93	5.82	12.58	H
	5553	-59.48	-13	-46.48	-81.76	-65.20	7.28	13.00	H
	7404	-54.40	-13	-41.40	-81.46	-57.56	8.32	11.48	H
	3702	-61.58	-13	-48.58	-79.94	-68.34	5.82	12.58	V
	5553	-59.64	-13	-46.64	-82.1	-65.36	7.28	13.00	V
	7404	-54.64	-13	-41.64	-81.72	-57.80	8.32	11.48	V
Middle	3747	-61.33	-13	-48.33	-79.95	-68.08	5.85	12.60	H
	5620.5	-58.89	-13	-45.89	-81.72	-64.69	7.30	13.10	H
	7494	-54.34	-13	-41.34	-81.24	-57.49	8.35	11.50	H
	3747	-61.29	-13	-48.29	-79.84	-68.04	5.85	12.60	V
	5620.5	-59.29	-13	-46.29	-81.84	-65.09	7.30	13.10	V
	7494	-54.60	-13	-41.60	-81.49	-57.75	8.35	11.50	V
Highest	3792	-61.17	-13	-48.17	-79.90	-67.91	5.88	12.62	H
	5688	-58.44	-13	-45.44	-81.77	-64.25	7.32	13.13	H
	7584	-54.72	-13	-41.72	-81.37	-57.88	8.38	11.54	H
	3792	-60.96	-13	-47.96	-79.66	-67.70	5.88	12.62	V
	5688	-58.90	-13	-45.90	-81.83	-64.71	7.32	13.13	V
	7584	-54.69	-13	-41.69	-81.3	-57.85	8.38	11.54	V

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



LTE Band 26 / 15MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (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	1649.5	-64.58	-13	-51.58	-74.50	-67.81	3.98	9.36	H
	2474.25	-62.92	-13	-49.92	-77.39	-66.47	4.85	10.55	H
	3299	-61.79	-13	-48.79	-78.29	-66.72	5.50	12.58	H
	1649.5	-62.82	-13	-49.82	-72.48	-66.05	3.98	9.36	V
	2474.25	-62.81	-13	-49.81	-77.25	-66.36	4.85	10.55	V
	3299	-62.09	-13	-49.09	-78.40	-67.02	5.50	12.58	V
Middle	1659.5	-65.06	-13	-52.06	-75.00	-68.31	4.00	9.40	H
	2489.25	-62.95	-13	-49.95	-77.38	-66.52	4.88	10.60	H
	3319	-62.40	-13	-49.40	-78.73	-67.33	5.52	12.60	H
	1659.5	-65.66	-13	-52.66	-75.20	-68.91	4.00	9.40	V
	2489.25	-63.16	-13	-50.16	-77.55	-66.73	4.88	10.60	V
	3319	-62.44	-13	-49.44	-78.55	-67.37	5.52	12.60	V
Highest	1669.5	-63.49	-13	-50.49	-73.44	-66.66	4.10	9.42	H
	2504.25	-63.07	-13	-50.07	-77.52	-66.65	4.90	10.63	H
	3339	-62.56	-13	-49.56	-78.55	-67.48	5.55	12.62	H
	1669.5	-66.20	-13	-53.20	-75.75	-69.37	4.10	9.42	V
	2504.25	-63.15	-13	-50.15	-77.56	-66.73	4.90	10.63	V
	3339	-62.69	-13	-49.69	-78.41	-67.61	5.55	12.62	V

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



LTE Band 66 / 20MHz / QPSK ANT1									
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	3422	-62.32	-13	-49.32	-78.81	-69.20	5.60	12.48	H
	5133	-60.22	-13	-47.22	-82.10	-65.90	7.10	12.78	H
	6844	-57.42	-13	-44.42	-82.63	-60.81	8.38	11.77	H
	3422	-62.15	-13	-49.15	-78.73	-69.03	5.60	12.48	V
	5133	-59.95	-13	-46.95	-82.05	-65.63	7.10	12.78	V
	6844	-56.75	-13	-43.75	-82.46	-60.14	8.38	11.77	V
Middle	3472	-61.99	-13	-48.99	-78.89	-68.84	5.65	12.50	H
	5208	-60.74	-13	-47.74	-82.47	-66.41	7.13	12.80	H
	6944	-56.16	-13	-43.16	-82.08	-59.56	8.40	11.80	H
	3472	-61.93	-13	-48.93	-78.85	-68.78	5.65	12.50	V
	5208	-60.40	-13	-47.40	-82.38	-66.07	7.13	12.80	V
	6944	-55.68	-13	-42.68	-82.07	-59.08	8.40	11.80	V
Highest	3522	-61.59	-13	-48.59	-78.94	-68.43	5.68	12.52	H
	5283	-61.16	-13	-48.16	-82.85	-66.83	7.15	12.82	H
	7044	-55.94	-13	-42.94	-82.34	-59.37	8.42	11.85	H
	3522	-61.78	-13	-48.78	-79.07	-68.62	5.68	12.52	V
	5283	-60.91	-13	-47.91	-82.73	-66.58	7.15	12.82	V
	7044	-55.31	-13	-42.31	-82.14	-58.74	8.42	11.85	V

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



ULCA_2A-4A (ANT1+4)									
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)
LTE B2 BW 20MHz Lowest 1RB0,QPSK	3702	-61.57	-13	-48.57	-80.03	-68.33	5.82	12.58	H
	5553	-59.40	-13	-46.40	-81.68	-65.12	7.28	13.00	H
	7404	-54.47	-13	-41.47	-81.53	-57.63	8.32	11.48	H
	3702	-61.66	-13	-48.66	-80.02	-68.42	5.82	12.58	V
	5553	-59.43	-13	-46.43	-81.89	-65.15	7.28	13.00	V
	7404	-54.54	-13	-41.54	-81.62	-57.70	8.32	11.48	V
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422	-50.42	-13	-37.42	-66.91	-57.30	5.60	12.48	H
	5133	-59.09	-13	-46.09	-80.97	-64.77	7.10	12.78	H
	6844	-56.63	-13	-43.63	-81.84	-60.02	8.38	11.77	H
	3422	-51.37	-13	-38.37	-67.95	-58.25	5.60	12.48	V
	5133	-59.12	-13	-46.12	-81.22	-64.80	7.10	12.78	V
	6844	-52.72	-13	-39.72	-78.43	-56.11	8.38	11.77	V
LTE B2 BW 20MHz Middle 1RB0,QPSK	3742	-61.00	-13	-48.00	-79.58	-67.75	5.85	12.60	H
	5613	-58.94	-13	-45.94	-81.33	-64.74	7.30	13.10	H
	7484	-54.49	-13	-41.49	-81.42	-57.64	8.35	11.50	H
	3742	-61.10	-13	-48.10	-79.6	-67.85	5.85	12.60	V
	5613	-59.16	-13	-46.16	-81.74	-64.96	7.30	13.10	V
	7484	-54.29	-13	-41.29	-81.21	-57.44	8.35	11.50	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3447	-49.76	-13	-36.76	-66.53	-56.61	5.65	12.50	H
	5170.5	-56.55	-13	-43.55	-78.38	-62.22	7.13	12.80	H
	6894	-55.84	-13	-42.84	-81.41	-59.24	8.40	11.80	H
	3447	-50.41	-13	-37.41	-67.22	-57.26	5.65	12.50	V
	5170.5	-57.44	-13	-44.44	-79.54	-63.11	7.13	12.80	V
	6894	-51.70	-13	-38.70	-77.75	-55.10	8.40	11.80	V
LTE B2 BW 20MHz Highest 1RB0,QPSK	3782	-61.03	-13	-48.03	-79.74	-67.77	5.88	12.62	H
	5673	-58.46	-13	-45.46	-81.77	-64.27	7.32	13.13	H
	7564	-54.22	-13	-41.22	-80.92	-57.38	8.38	11.54	H
	3782	-60.59	-13	-47.59	-79.27	-67.33	5.88	12.62	V
	5673	-59.05	-13	-46.05	-81.84	-64.86	7.32	13.13	V
	7564	-54.67	-13	-41.67	-81.34	-57.83	8.38	11.54	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472	-50.09	-13	-37.09	-66.99	-56.93	5.68	12.52	H
	5208	-56.95	-13	-43.95	-78.68	-62.62	7.15	12.82	H
	6944	-55.12	-13	-42.12	-81.04	-58.55	8.42	11.85	H
	3472	-51.48	-13	-38.48	-68.4	-58.32	5.68	12.52	V
	5208	-58.58	-13	-45.58	-80.56	-64.25	7.15	12.82	V
	6944	-51.96	-13	-38.96	-78.35	-55.39	8.42	11.85	V

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



ULCA_2A-7A (ANT4+1)									
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)
LTE B2 BW 20MHz Lowest 1RB0,QPSK	3702	-61.26	-13	-48.26	-79.72	-68.02	5.82	12.58	H
	5553	-59.65	-13	-46.65	-81.93	-65.37	7.28	13.00	H
	7404	-54.79	-13	-41.79	-81.85	-57.95	8.32	11.48	H
	3702	-61.56	-13	-48.56	-79.92	-68.32	5.82	12.58	V
	5553	-59.39	-13	-46.39	-81.85	-65.11	7.28	13.00	V
	7404	-54.50	-13	-41.50	-81.58	-57.66	8.32	11.48	V
LTE B7 BW 20MHz Lowest 1RB0,QPSK	5002.18	-59.41	-25	-34.41	-81.50	-64.97	7.12	12.68	H
	7503.27	-54.87	-25	-29.87	-81.73	-58.20	8.26	11.59	H
	10004.36	-50.35	-25	-25.35	-81.87	-51.88	10.45	11.98	H
	5002.18	-59.42	-25	-34.42	-81.56	-64.98	7.12	12.68	V
	7503.27	-54.58	-25	-29.58	-81.43	-57.91	8.26	11.59	V
	10004.36	-51.62	-25	-26.62	-81.51	-53.15	10.45	11.98	V
LTE B2 BW 20MHz Middle 1RB0,QPSK	3742	-61.08	-13	-48.08	-79.66	-67.83	5.85	12.60	H
	5613	-58.81	-13	-45.81	-81.20	-64.61	7.30	13.10	H
	7484	-54.65	-13	-41.65	-81.58	-57.80	8.35	11.50	H
	3742	-61.28	-13	-48.28	-79.78	-68.03	5.85	12.60	V
	5613	-59.31	-13	-46.31	-81.89	-65.11	7.30	13.10	V
	7484	-54.51	-13	-41.51	-81.43	-57.66	8.35	11.50	V
LTE B7 BW 20MHz Middle 1RB0,QPSK	5052.00	-60.51	-25	-35.51	-82.52	-66.07	7.14	12.70	H
	7578.00	-54.62	-25	-29.62	-81.27	-57.92	8.30	11.60	H
	10104.00	-50.36	-25	-25.36	-81.77	-51.88	10.48	12.00	H
	5052.00	-60.47	-25	-35.47	-82.6	-66.03	7.14	12.70	V
	7578.00	-54.76	-25	-29.76	-81.37	-58.06	8.30	11.60	V
	10104.00	-51.55	-25	-26.55	-81.56	-53.07	10.48	12.00	V
LTE B2 BW 20MHz Highest 1RB0,QPSK	3782	-61.05	-13	-48.05	-79.76	-67.79	5.88	12.62	H
	5673	-58.57	-13	-45.57	-81.88	-64.38	7.32	13.13	H
	7564	-54.69	-13	-41.69	-81.39	-57.85	8.38	11.54	H
	3782	-60.68	-13	-47.68	-79.36	-67.42	5.88	12.62	V
	5673	-58.81	-13	-45.81	-81.6	-64.62	7.32	13.13	V
	7564	-54.67	-13	-41.67	-81.34	-57.83	8.38	11.54	V
LTE B7 BW 20MHz Highest 1RB0,QPSK	5102.18	-60.05	-25	-35.05	-81.98	-65.61	7.16	12.72	H
	7653.27	-54.53	-25	-29.53	-81.19	-57.83	8.33	11.63	H
	10204.36	-50.60	-25	-25.60	-81.88	-52.20	10.50	12.10	H
	5102.18	-60.05	-25	-35.05	-82.16	-65.61	7.16	12.72	V
	7653.27	-54.58	-25	-29.58	-81.16	-57.88	8.33	11.63	V
	10204.36	-51.61	-25	-26.61	-81.68	-53.21	10.50	12.10	V

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



ULCA_2A-66A (ANT1+4)									
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)
LTE B2 BW 20MHz Lowest 1RB0,QPSK	3702	-61.16	-13	-48.16	-79.62	-67.92	5.82	12.58	H
	5553	-59.30	-13	-46.30	-81.58	-65.02	7.28	13.00	H
	7404	-54.19	-13	-41.19	-81.25	-57.35	8.32	11.48	H
	3702	-61.38	-13	-48.38	-79.74	-68.14	5.82	12.58	V
	5553	-59.07	-13	-46.07	-81.53	-64.79	7.28	13.00	V
	7404	-54.27	-13	-41.27	-81.35	-57.43	8.32	11.48	V
LTE B66 BW 20MHz Lowest 1RB0,QPSK	3422	-49.05	-13	-36.05	-65.54	-55.93	5.60	12.48	H
	5133	-58.32	-13	-45.32	-80.20	-64.00	7.10	12.78	H
	6844	-53.34	-13	-40.34	-78.55	-56.73	8.38	11.77	H
	3422	-54.43	-13	-41.43	-71.01	-61.31	5.60	12.48	V
	5133	-59.36	-13	-46.36	-81.46	-65.04	7.10	12.78	V
	6844	-55.02	-13	-42.02	-80.73	-58.41	8.38	11.77	V
LTE B2 BW 20MHz Middle 1RB0,QPSK	3742	-60.50	-13	-47.50	-79.08	-67.25	5.85	12.60	H
	5613	-58.12	-13	-45.12	-80.51	-63.92	7.30	13.10	H
	7484	-54.01	-13	-41.01	-80.94	-57.16	8.35	11.50	H
	3742	-60.68	-13	-47.68	-79.18	-67.43	5.85	12.60	V
	5613	-58.69	-13	-45.69	-81.27	-64.49	7.30	13.10	V
	7484	-54.13	-13	-41.13	-81.05	-57.28	8.35	11.50	V
LTE B66 BW 20MHz Middle 1RB0,QPSK	3472	-50.59	-13	-37.59	-67.49	-57.44	5.65	12.50	H
	5208	-56.96	-13	-43.96	-78.69	-62.63	7.13	12.80	H
	6944	-52.24	-13	-39.24	-78.16	-55.64	8.40	11.80	H
	3472	-53.76	-13	-40.76	-70.68	-60.61	5.65	12.50	V
	5208	-59.37	-13	-46.37	-81.35	-65.04	7.13	12.80	V
	6944	-55.08	-13	-42.08	-81.47	-58.48	8.40	11.80	V
LTE B2 BW 20MHz Highest 1RB0,QPSK	3782	-60.71	-13	-47.71	-79.42	-67.45	5.88	12.62	H
	5673	-58.23	-13	-45.23	-81.54	-64.04	7.32	13.13	H
	7564	-54.23	-13	-41.23	-80.93	-57.39	8.38	11.54	H
	3782	-60.82	-13	-47.82	-79.5	-67.56	5.88	12.62	V
	5673	-58.79	-13	-45.79	-81.58	-64.60	7.32	13.13	V
	7564	-54.56	-13	-41.56	-81.23	-57.72	8.38	11.54	V
LTE B66 BW 20MHz Highest 1RB0,QPSK	3522	-52.98	-13	-39.98	-70.33	-59.82	5.68	12.52	H
	5283	-57.34	-13	-44.34	-79.03	-63.01	7.15	12.82	H
	7044	-52.16	-13	-39.16	-78.56	-55.59	8.42	11.85	H
	3522	-54.94	-13	-41.94	-72.23	-61.78	5.68	12.52	V
	5283	-59.14	-13	-46.14	-80.96	-64.81	7.15	12.82	V
	7044	-54.64	-13	-41.64	-81.47	-58.07	8.42	11.85	V

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



ULCA_4A-5A (ANT1+4)									
Channel	Frequency (MHz)	ERP/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)
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422	-48.93	-13	-35.93	-65.42	-55.81	5.60	12.48	H
	5133	-57.72	-13	-44.72	-79.60	-63.40	7.10	12.78	H
	6844	-52.97	-13	-39.97	-78.18	-56.36	8.38	11.77	H
	3422	-52.47	-13	-39.47	-69.05	-59.35	5.60	12.48	V
	5133	-59.18	-13	-46.18	-81.28	-64.86	7.10	12.78	V
	6844	-55.91	-13	-42.91	-81.62	-59.30	8.38	11.77	V
LTE B5 BW 10MHz Lowest 1RB0,QPSK	1649.18	-65.78	-13	-52.78	-75.70	-69.01	3.98	9.36	H
	2473.77	-62.58	-13	-49.58	-77.05	-66.13	4.85	10.55	H
	3298.36	-61.85	-13	-48.85	-78.35	-66.78	5.50	12.58	H
	1649.18	-65.89	-13	-52.89	-75.55	-69.12	3.98	9.36	V
	2473.77	-62.71	-13	-49.71	-77.15	-66.26	4.85	10.55	V
	3298.36	-61.75	-13	-48.75	-78.06	-66.68	5.50	12.58	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3447	-49.64	-13	-36.64	-66.41	-56.49	5.65	12.50	H
	5170.5	-56.96	-13	-43.96	-78.79	-62.63	7.13	12.80	H
	6894	-53.76	-13	-40.76	-79.33	-57.16	8.40	11.80	H
	3447	-53.72	-13	-40.72	-70.53	-60.57	5.65	12.50	V
	5170.5	-58.65	-13	-45.65	-80.75	-64.32	7.13	12.80	V
	6894	-55.25	-13	-42.25	-81.3	-58.65	8.40	11.80	V
LTE B5 BW 10MHz Middle 1RB0,QPSK	1664	-65.64	-13	-52.64	-75.58	-68.89	4.00	9.40	H
	2496	-62.75	-13	-49.75	-77.19	-66.32	4.88	10.60	H
	3328	-62.25	-13	-49.25	-78.41	-67.18	5.52	12.60	H
	1664	-65.88	-13	-52.88	-75.42	-69.13	4.00	9.40	V
	2496	-62.84	-13	-49.84	-77.24	-66.41	4.88	10.60	V
	3328	-62.35	-13	-49.35	-78.27	-67.28	5.52	12.60	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472	-52.08	-13	-39.08	-68.98	-58.92	5.68	12.52	H
	5208	-57.88	-13	-44.88	-79.61	-63.55	7.15	12.82	H
	6944	-53.38	-13	-40.38	-79.30	-56.81	8.42	11.85	H
	3472	-54.28	-13	-41.28	-71.2	-61.12	5.68	12.52	V
	5208	-59.30	-13	-46.30	-81.28	-64.97	7.15	12.82	V
	6944	-55.49	-13	-42.49	-81.88	-58.92	8.42	11.85	V
LTE B5 BW 10MHz Highest 1RB0,QPSK	1679.18	-65.50	-13	-52.50	-75.46	-68.67	4.10	9.42	H
	2518.77	-62.80	-13	-49.80	-77.21	-66.38	4.90	10.63	H
	3358.36	-61.98	-13	-48.98	-78.09	-66.90	5.55	12.62	H
	1679.18	-65.13	-13	-52.13	-74.54	-68.30	4.10	9.42	V
	2518.77	-62.59	-13	-49.59	-76.96	-66.17	4.90	10.63	V
	3358.36	-62.50	-13	-49.50	-78.47	-67.42	5.55	12.62	V

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



ULCA_4A-7A (ANT4+1)									
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)
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422	-59.16	-13	-46.16	-75.65	-66.04	5.60	12.48	H
	5133	-59.67	-13	-46.67	-81.55	-65.35	7.10	12.78	H
	6844	-56.60	-13	-43.60	-81.81	-59.99	8.38	11.77	H
	3422	-61.99	-13	-48.99	-78.57	-68.87	5.60	12.48	V
	5133	-59.69	-13	-46.69	-81.79	-65.37	7.10	12.78	V
	6844	-56.43	-13	-43.43	-82.14	-59.82	8.38	11.77	V
LTE B7 BW 20MHz Lowest 1RB0,QPSK	5002.18	-59.60	-25	-34.60	-81.69	-65.16	7.12	12.68	H
	7503.27	-54.46	-25	-29.46	-81.32	-57.79	8.26	11.59	H
	10004.36	-50.34	-25	-25.34	-81.86	-51.87	10.45	11.98	H
	5002.18	-59.57	-25	-34.57	-81.71	-65.13	7.12	12.68	V
	7503.27	-54.73	-25	-29.73	-81.58	-58.06	8.26	11.59	V
	10004.36	-51.67	-25	-26.67	-81.56	-53.20	10.45	11.98	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3447	-61.59	-13	-48.59	-78.36	-68.44	5.65	12.50	H
	6894	-56.31	-13	-43.31	-81.68	-61.98	7.13	12.80	H
	7578	-54.57	-13	-41.57	-81.88	-57.97	8.40	11.80	H
	3447	-62.06	-13	-49.06	-78.87	-68.91	5.65	12.50	V
	6894	-55.98	-13	-42.98	-81.9	-61.65	7.13	12.80	V
	7578	-54.68	-13	-41.68	-82.03	-58.08	8.40	11.80	V
LTE B7 BW 20MHz Middle 1RB0,QPSK	5170.50	-59.85	-25	-34.85	-82.30	-65.41	7.14	12.70	H
	7578.00	-54.57	-25	-29.57	-81.22	-57.87	8.30	11.60	H
	10104.00	-50.17	-25	-25.17	-81.58	-51.69	10.48	12.00	H
	5170.50	-59.80	-25	-34.80	-82.57	-65.36	7.14	12.70	V
	7578.00	-54.68	-25	-29.68	-81.29	-57.98	8.30	11.60	V
	10104.00	-51.16	-25	-26.16	-81.17	-52.68	10.48	12.00	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472	-61.50	-13	-48.50	-78.40	-68.34	5.68	12.52	H
	5208	-59.88	-13	-46.88	-81.61	-65.55	7.15	12.82	H
	6944	-56.04	-13	-43.04	-81.96	-59.47	8.42	11.85	H
	3472	-61.61	-13	-48.61	-78.53	-68.45	5.68	12.52	V
	5208	-60.01	-13	-47.01	-81.99	-65.68	7.15	12.82	V
	6944	-55.71	-13	-42.71	-82.1	-59.14	8.42	11.85	V
LTE B7 BW 20MHz Highest 1RB0,QPSK	5102.18	-60.19	-25	-35.19	-82.12	-65.75	7.16	12.72	H
	7653.27	-54.59	-25	-29.59	-81.25	-57.89	8.33	11.63	H
	10204.36	-50.27	-25	-25.27	-81.55	-51.87	10.50	12.10	H
	5102.18	-60.17	-25	-35.17	-82.28	-65.73	7.16	12.72	V
	7653.27	-54.80	-25	-29.80	-81.38	-58.10	8.33	11.63	V
	10204.36	-51.67	-25	-26.67	-81.74	-53.27	10.50	12.10	V

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



ULCA_5A-7A (ANT4+1)									
Channel	Frequency (MHz)	ERP/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)
LTE B5 BW 10MHz Lowest 1RB0,QPSK	1649.18	-65.69	-13	-52.69	-75.61	-68.92	3.98	9.36	H
	2473.77	-62.19	-13	-49.19	-76.66	-65.74	4.85	10.55	H
	3298.36	-62.03	-13	-49.03	-78.53	-66.96	5.50	12.58	H
	1649.18	-66.13	-13	-53.13	-75.79	-69.36	3.98	9.36	V
	2473.77	-62.59	-13	-49.59	-77.03	-66.14	4.85	10.55	V
	3298.36	-61.91	-13	-48.91	-78.22	-66.84	5.50	12.58	V
LTE B7 BW 20MHz Lowest 1RB0,QPSK	5002.18	-59.03	-25	-34.03	-81.12	-64.59	7.12	12.68	H
	7503.27	-54.99	-25	-29.99	-81.85	-58.32	8.26	11.59	H
	10004.36	-50.42	-25	-25.42	-81.94	-51.95	10.45	11.98	H
	5002.18	-59.31	-25	-34.31	-81.45	-64.87	7.12	12.68	V
	7503.27	-54.75	-25	-29.75	-81.6	-58.08	8.26	11.59	V
	10004.36	-51.74	-25	-26.74	-81.63	-53.27	10.45	11.98	V
LTE B5 BW 10MHz Middle 1RB0,QPSK	1664	-65.67	-13	-52.67	-75.61	-68.92	4.00	9.40	H
	2496	-62.66	-13	-49.66	-77.10	-66.23	4.88	10.60	H
	3328	-62.39	-13	-49.39	-78.55	-67.32	5.52	12.60	H
	1664	-66.24	-13	-53.24	-75.78	-69.49	4.00	9.40	V
	2496	-63.03	-13	-50.03	-77.43	-66.60	4.88	10.60	V
	3328	-62.70	-13	-49.70	-78.62	-67.63	5.52	12.60	V
LTE B7 BW 20MHz Middle 1RB0,QPSK	5052.00	-60.40	-25	-35.40	-82.41	-65.96	7.14	12.70	H
	7578.00	-54.51	-25	-29.51	-81.16	-57.81	8.30	11.60	H
	10104.00	-50.14	-25	-25.14	-81.55	-51.66	10.48	12.00	H
	5052.00	-60.42	-25	-35.42	-82.55	-65.98	7.14	12.70	V
	7578.00	-54.84	-25	-29.84	-81.45	-58.14	8.30	11.60	V
	10104.00	-50.91	-25	-25.91	-80.92	-52.43	10.48	12.00	V
LTE B5 BW 10MHz Highest 1RB0,QPSK	1679.18	-65.43	-13	-52.43	-75.39	-68.60	4.10	9.42	H
	2518.77	-62.34	-13	-49.34	-76.75	-65.92	4.90	10.63	H
	3358.36	-62.23	-13	-49.23	-78.34	-67.15	5.55	12.62	H
	1679.18	-66.14	-13	-53.14	-75.55	-69.31	4.10	9.42	V
	2518.77	-62.77	-13	-49.77	-77.14	-66.35	4.90	10.63	V
	3358.36	-62.19	-13	-49.19	-78.16	-67.11	5.55	12.62	V
LTE B7 BW 20MHz Highest 1RB0,QPSK	5102.18	-60.00	-25	-35.00	-81.93	-65.56	7.16	12.72	H
	7653.27	-54.21	-25	-29.21	-80.87	-57.51	8.33	11.63	H
	10204.36	-50.32	-25	-25.32	-81.60	-51.92	10.50	12.10	H
	5102.18	-60.11	-25	-35.11	-82.22	-65.67	7.16	12.72	V
	7653.27	-54.44	-25	-29.44	-81.02	-57.74	8.33	11.63	V
	10204.36	-51.04	-25	-26.04	-81.11	-52.64	10.50	12.10	V

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