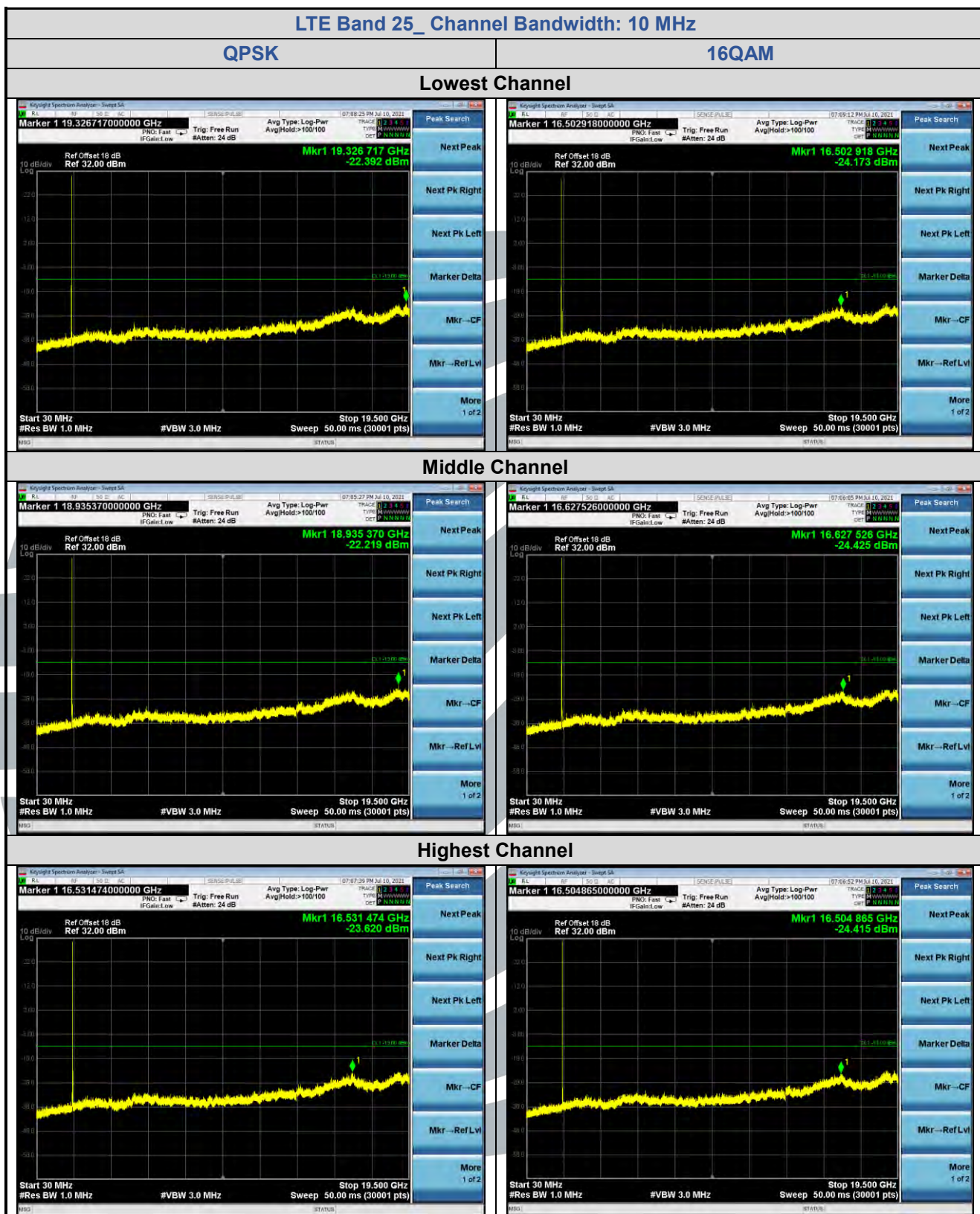


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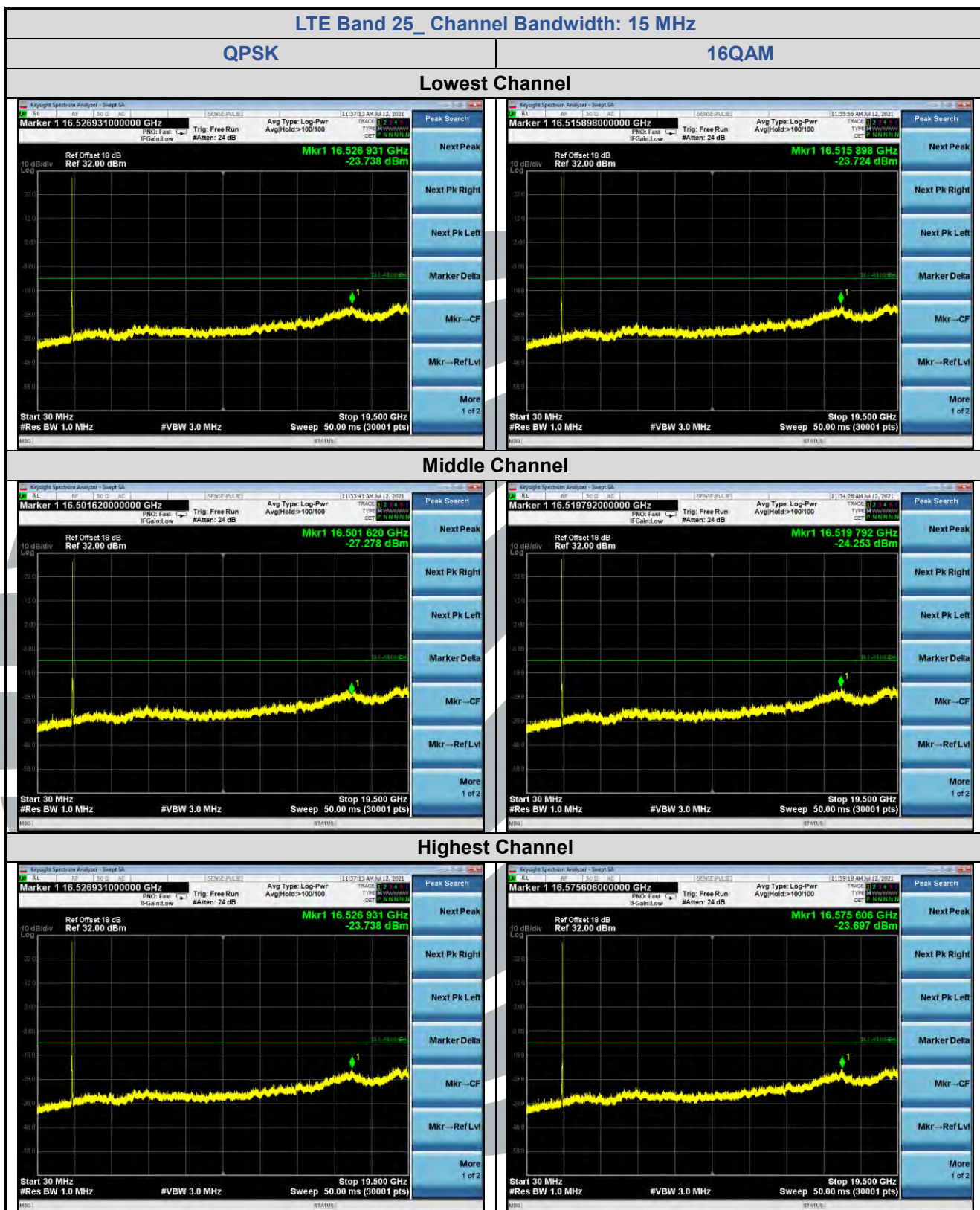
Tel: +86-755-28230888

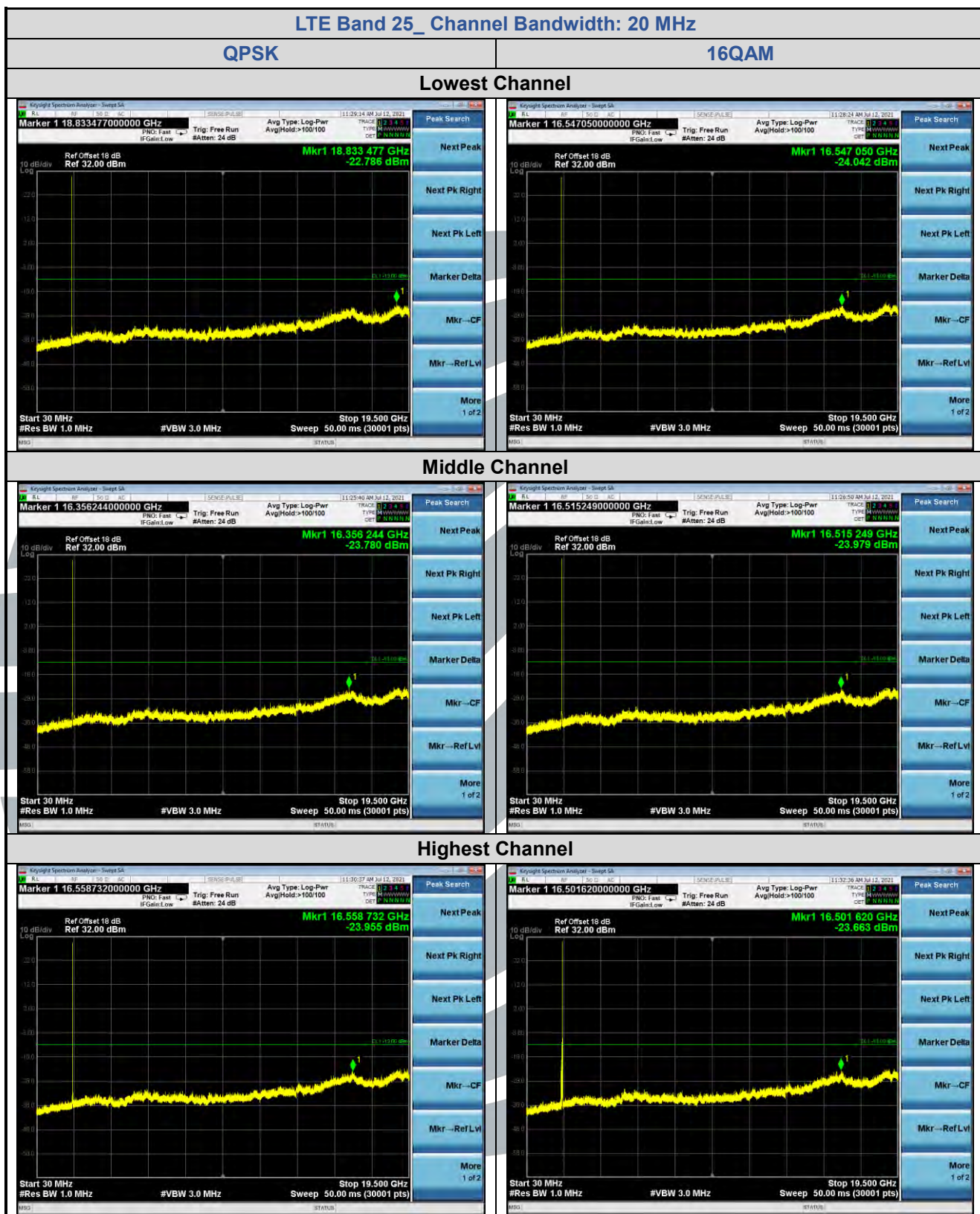
Fax: +86-755-28230886

E-mail: info@uttlab.com

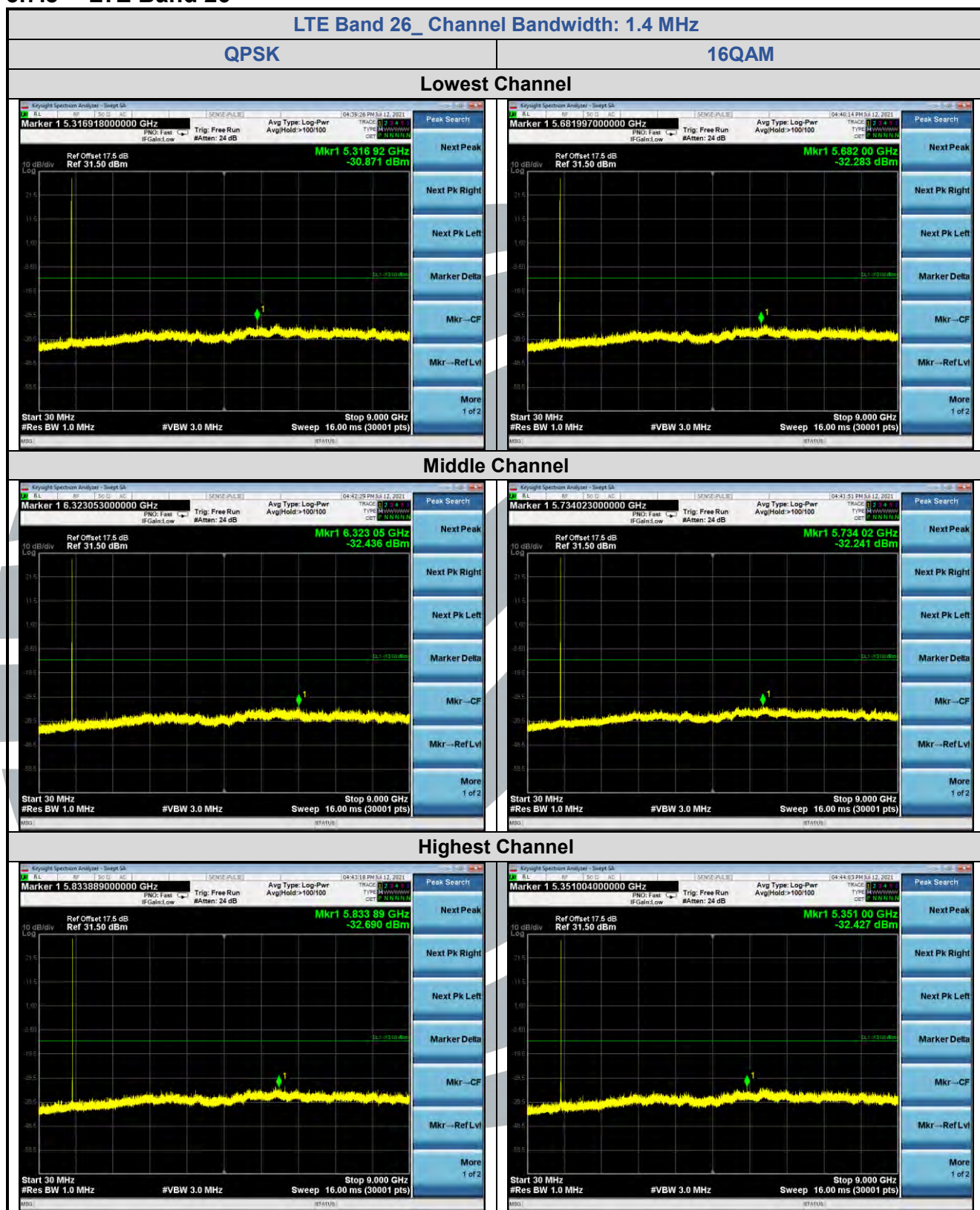
<http://www.uttlab.com>

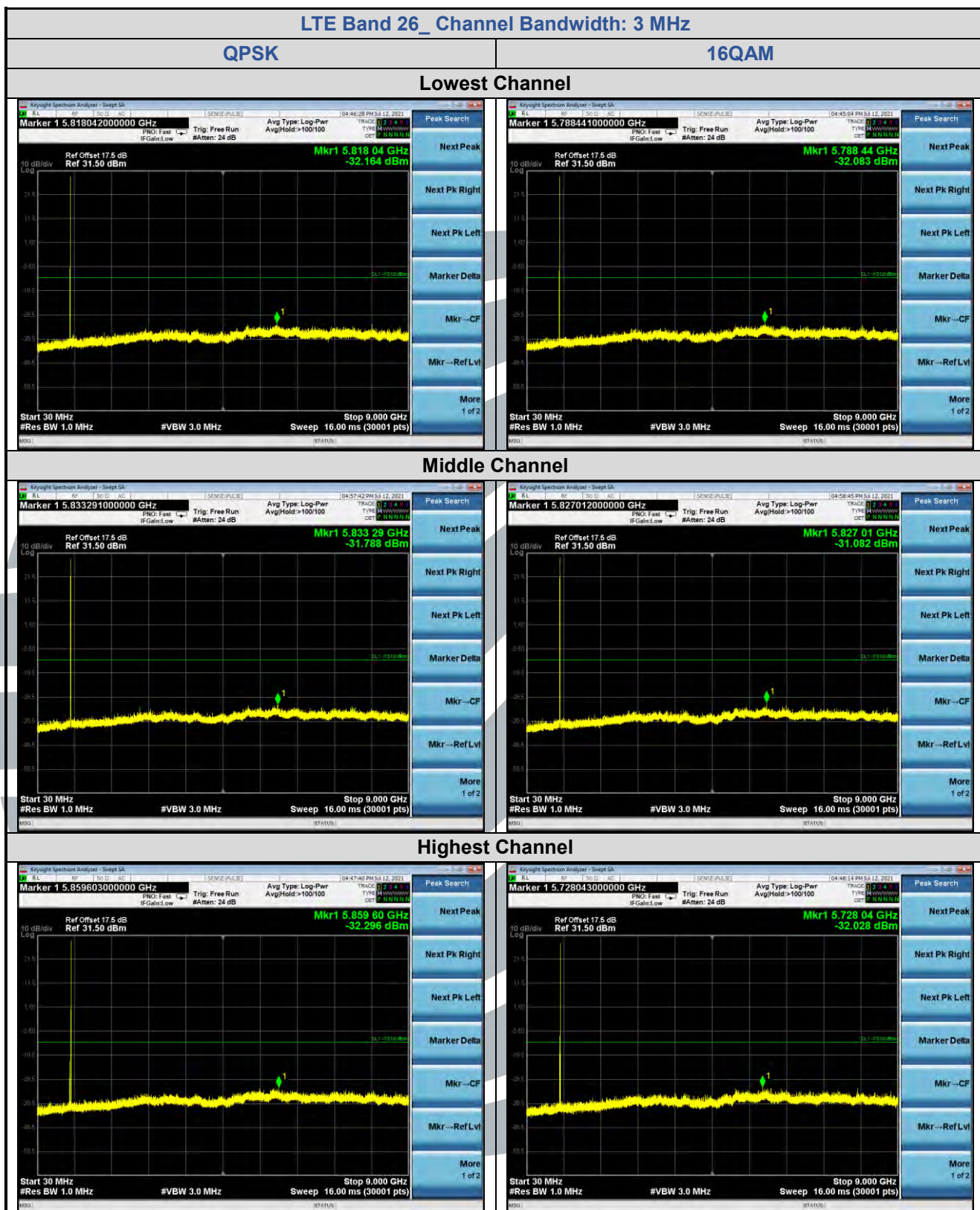
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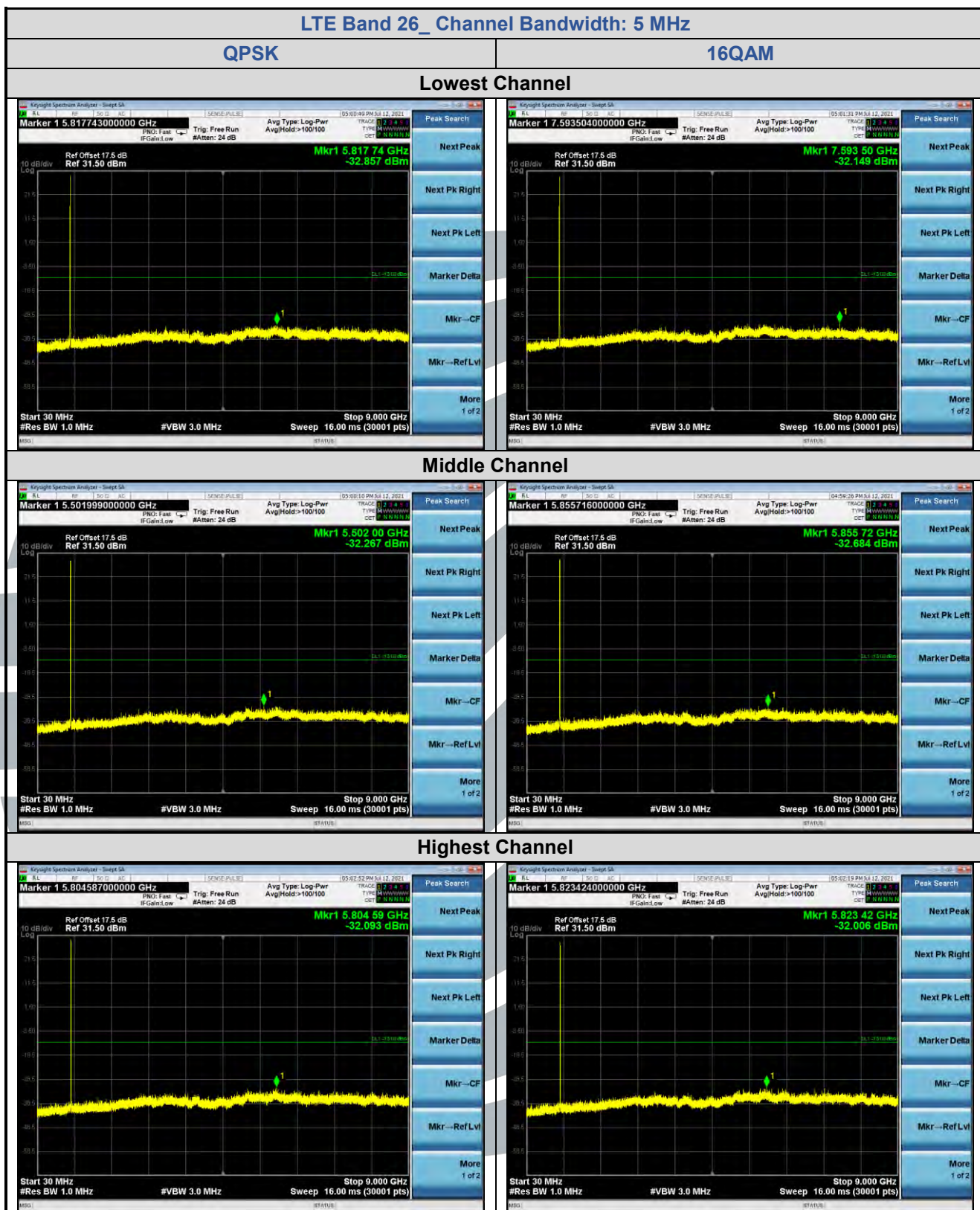


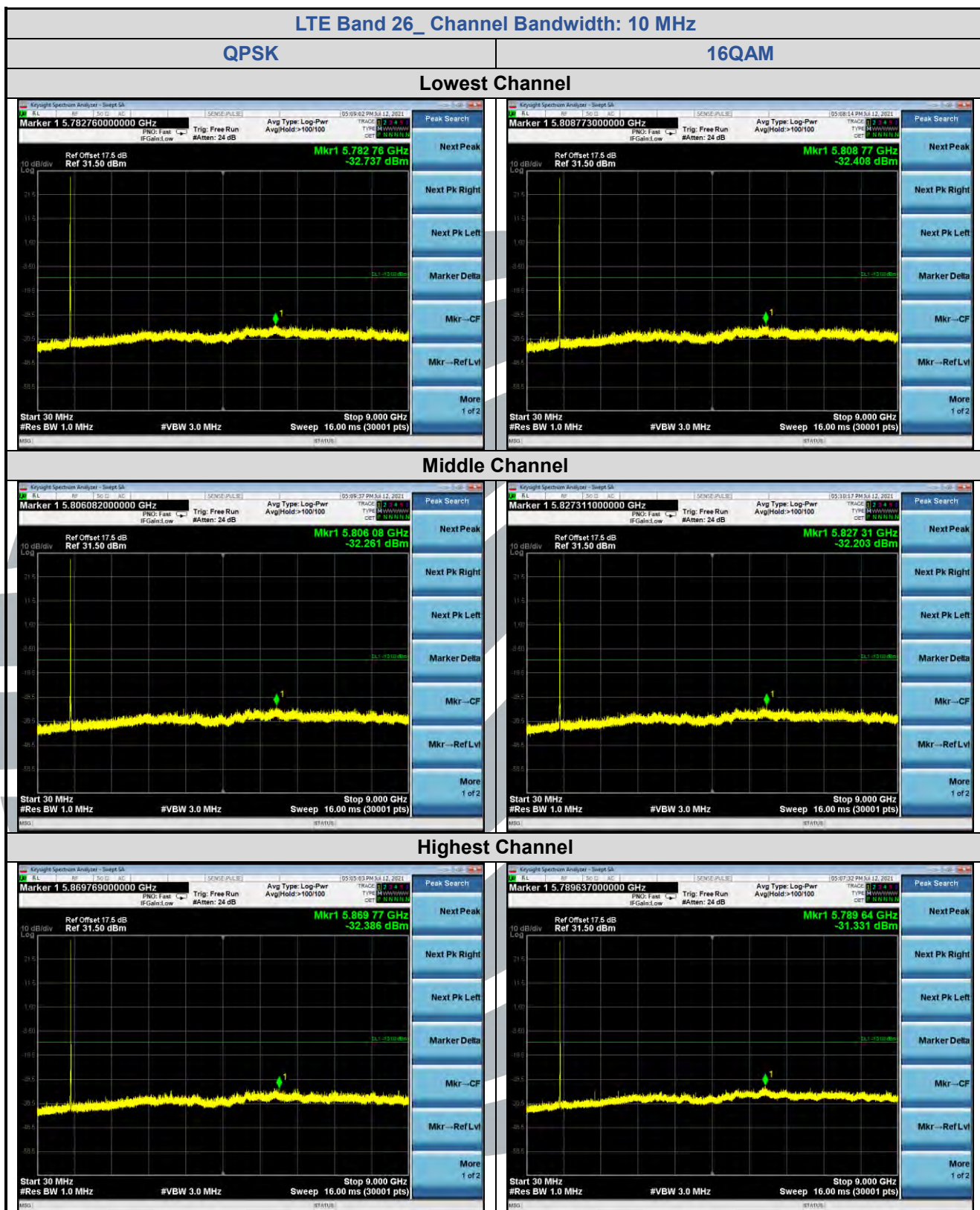


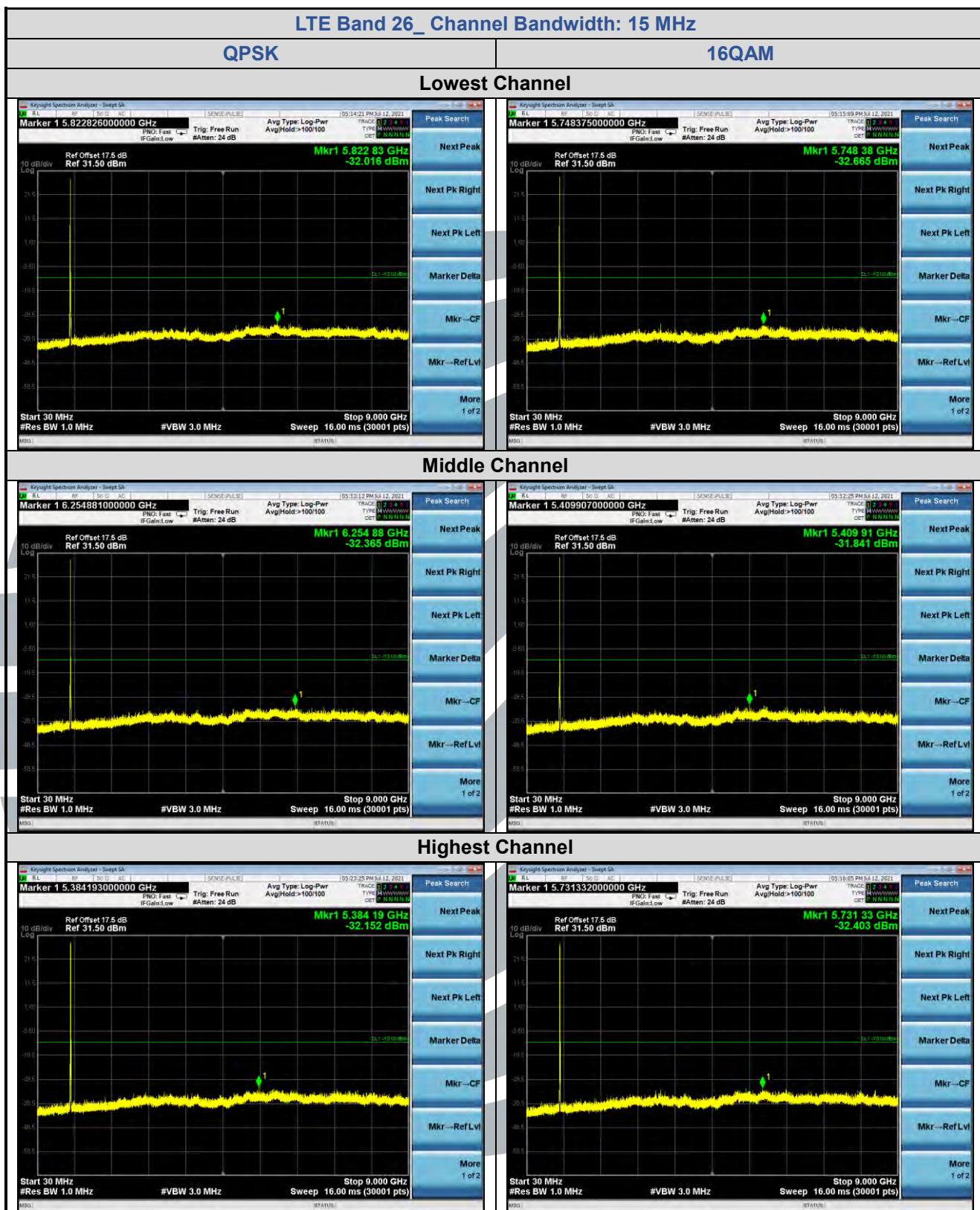
5.7.8 LTE Band 26



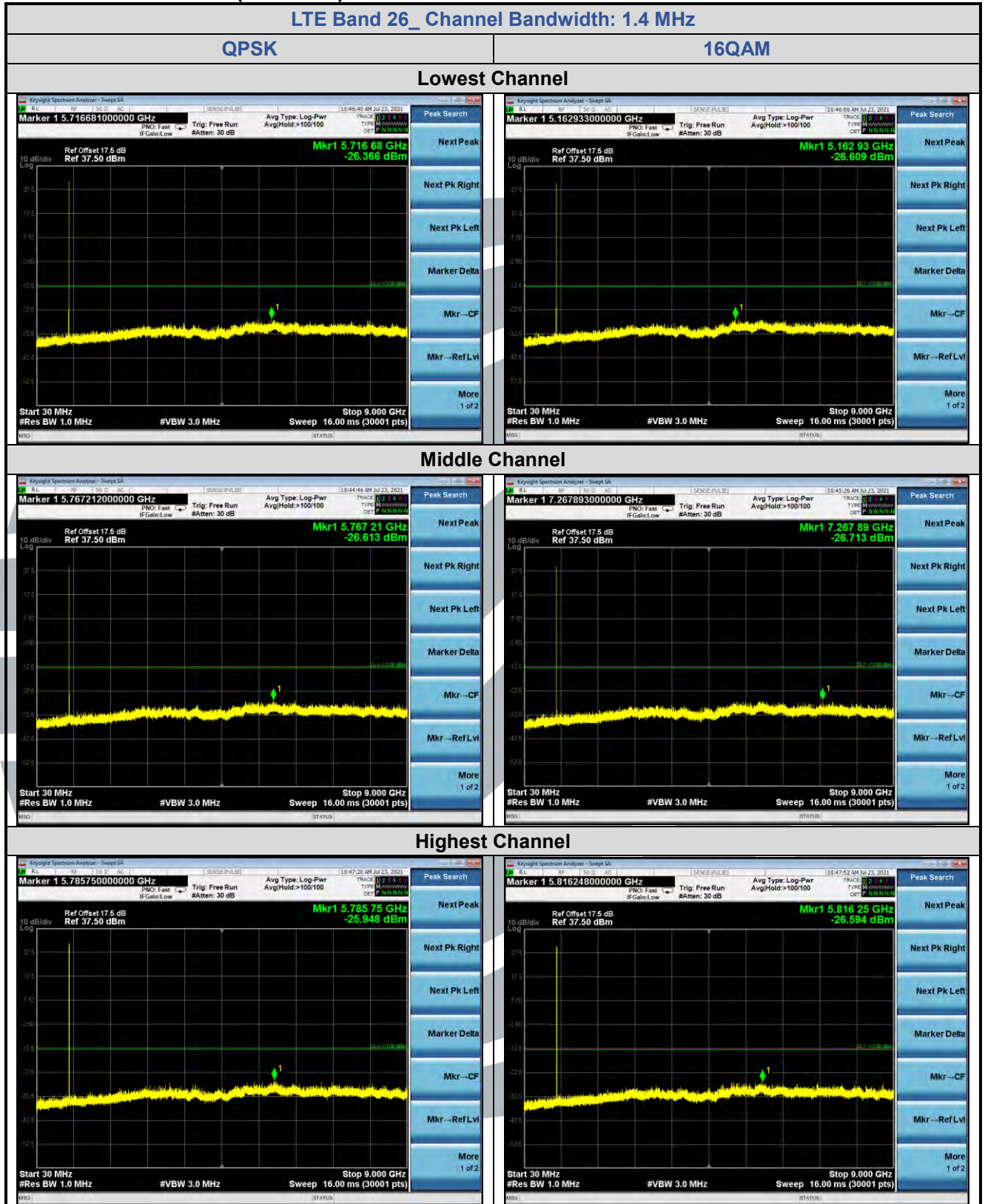


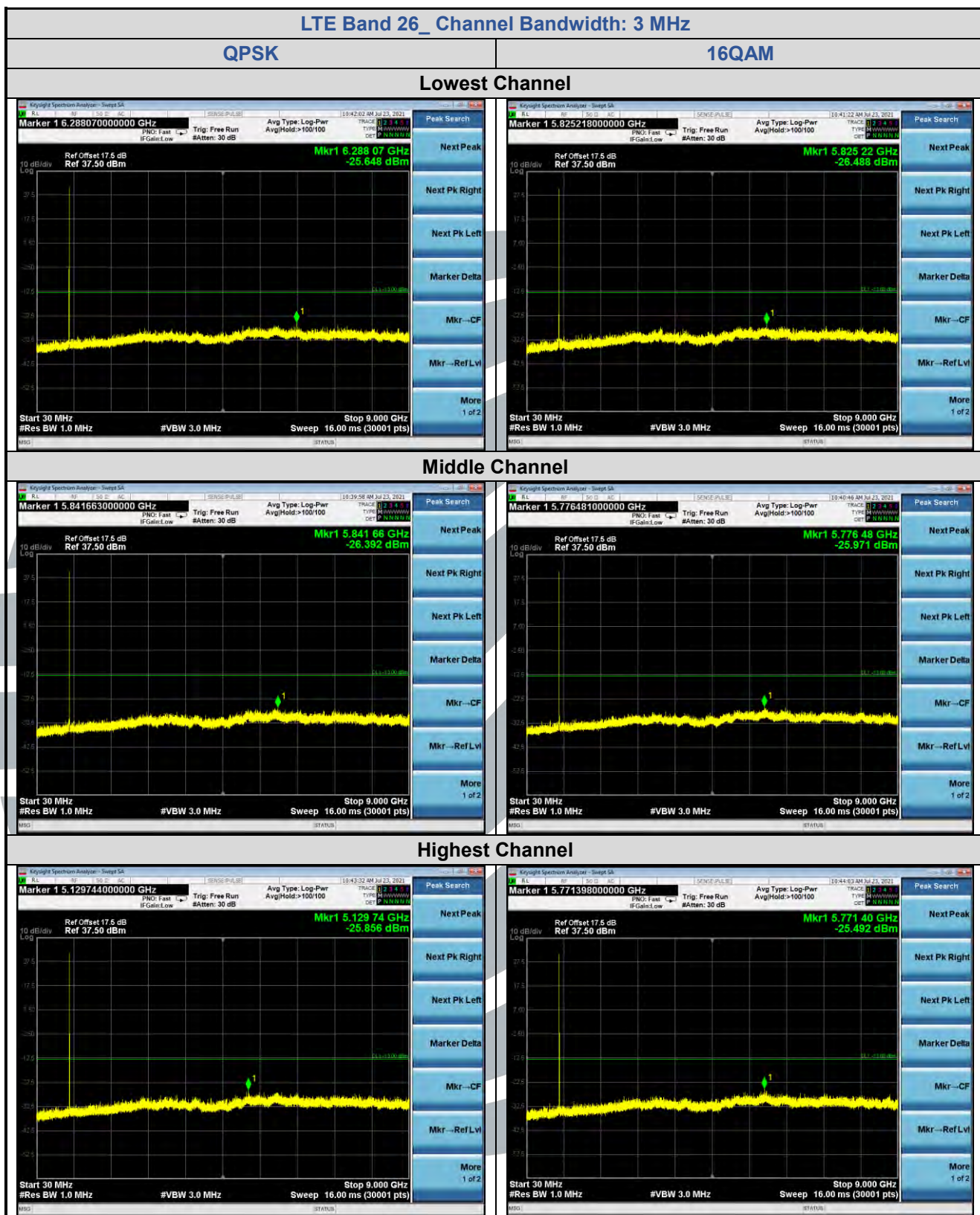


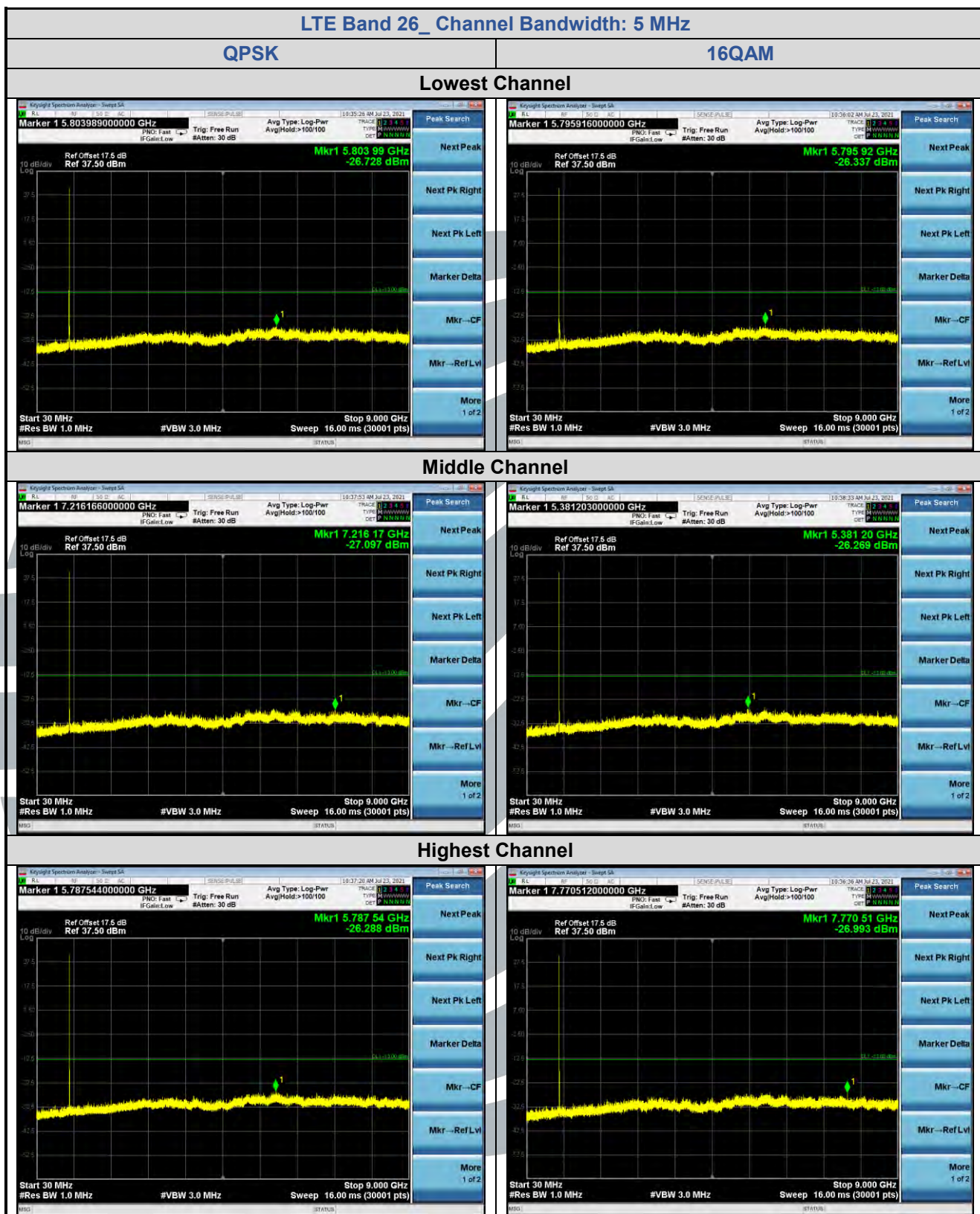


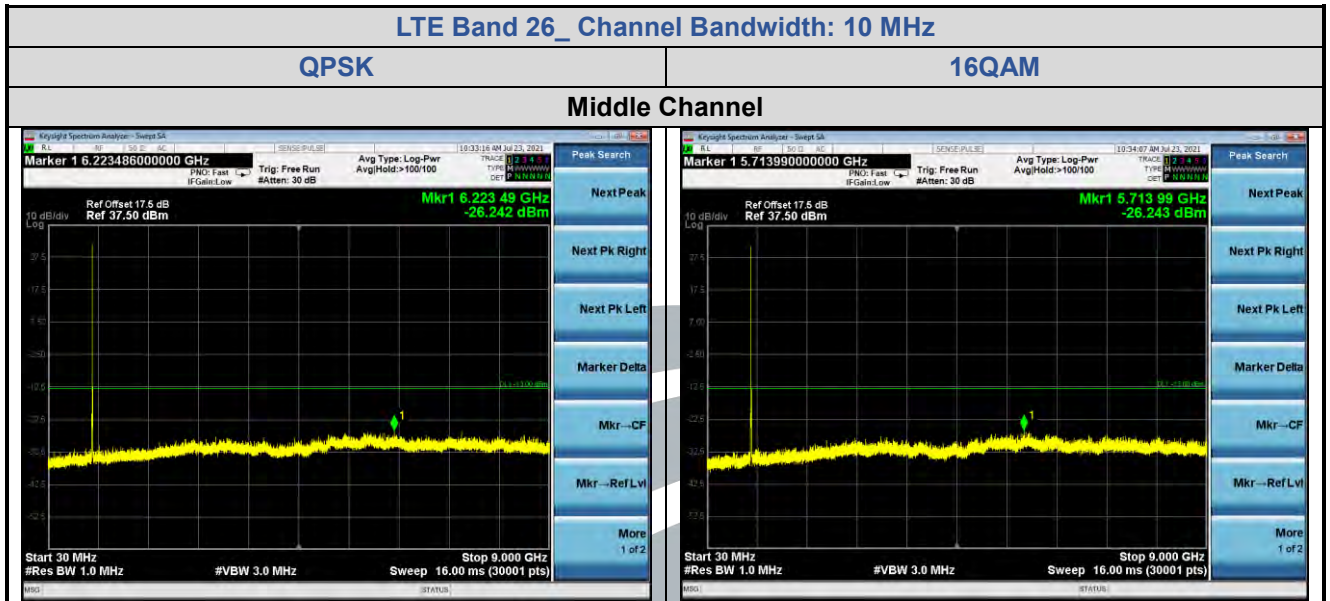


5.7.9 LTE Band 26 (Part 90S)









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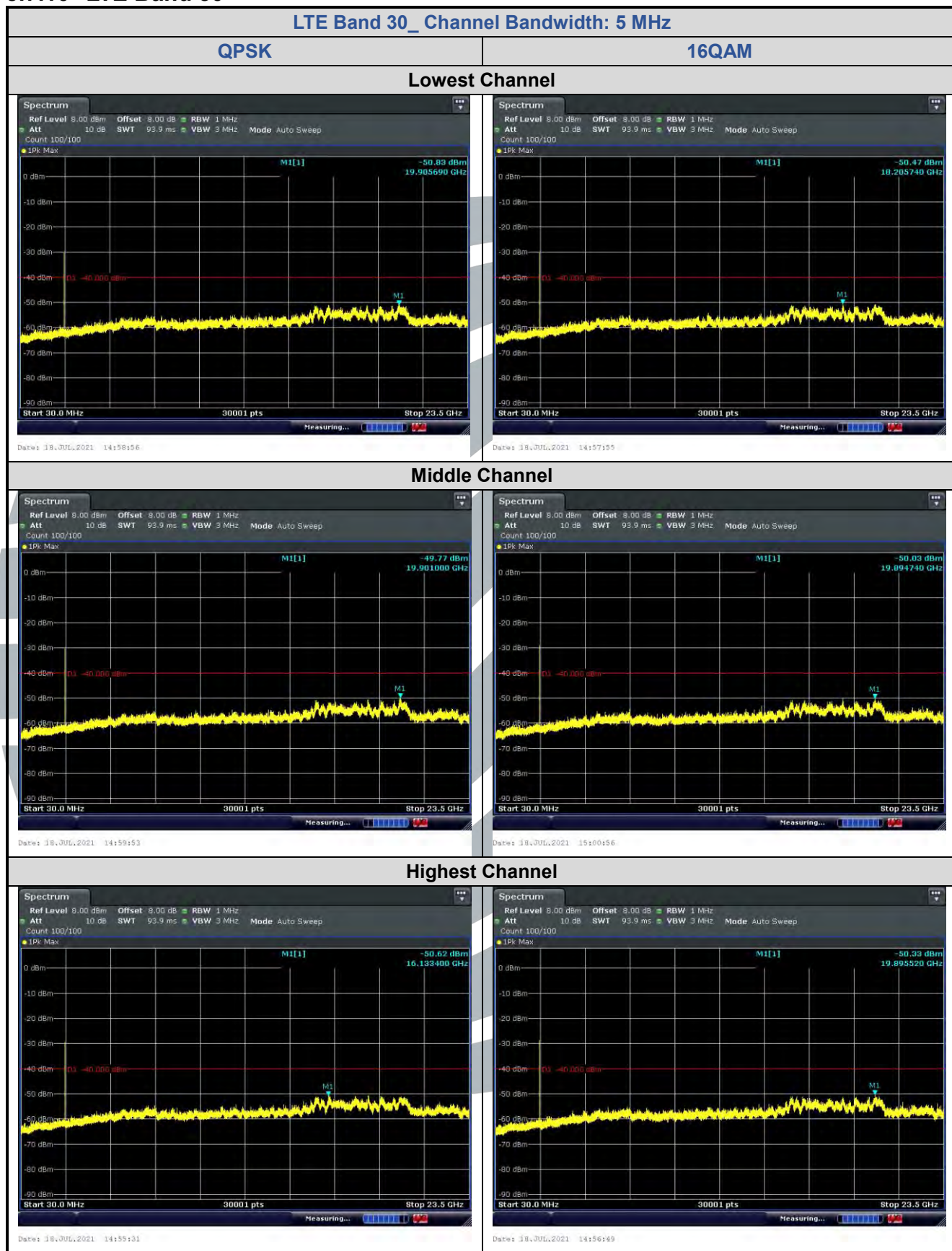
Tel: +86-755-28230888

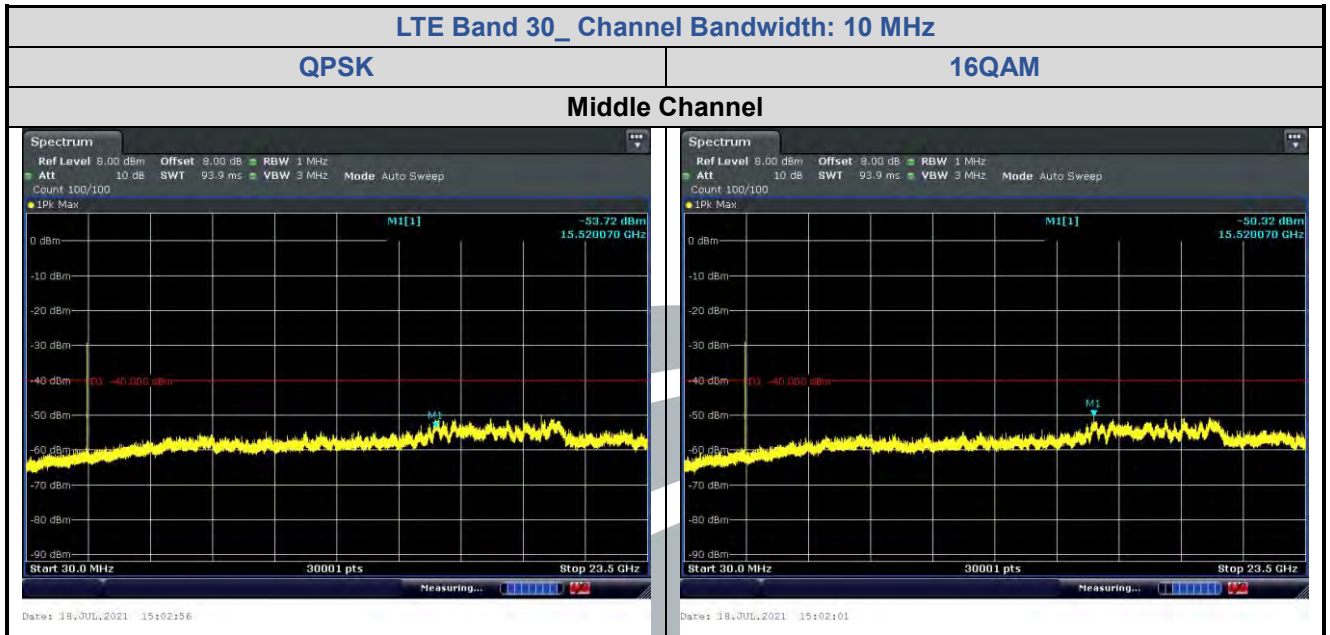
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5.7.10 LTE Band 30





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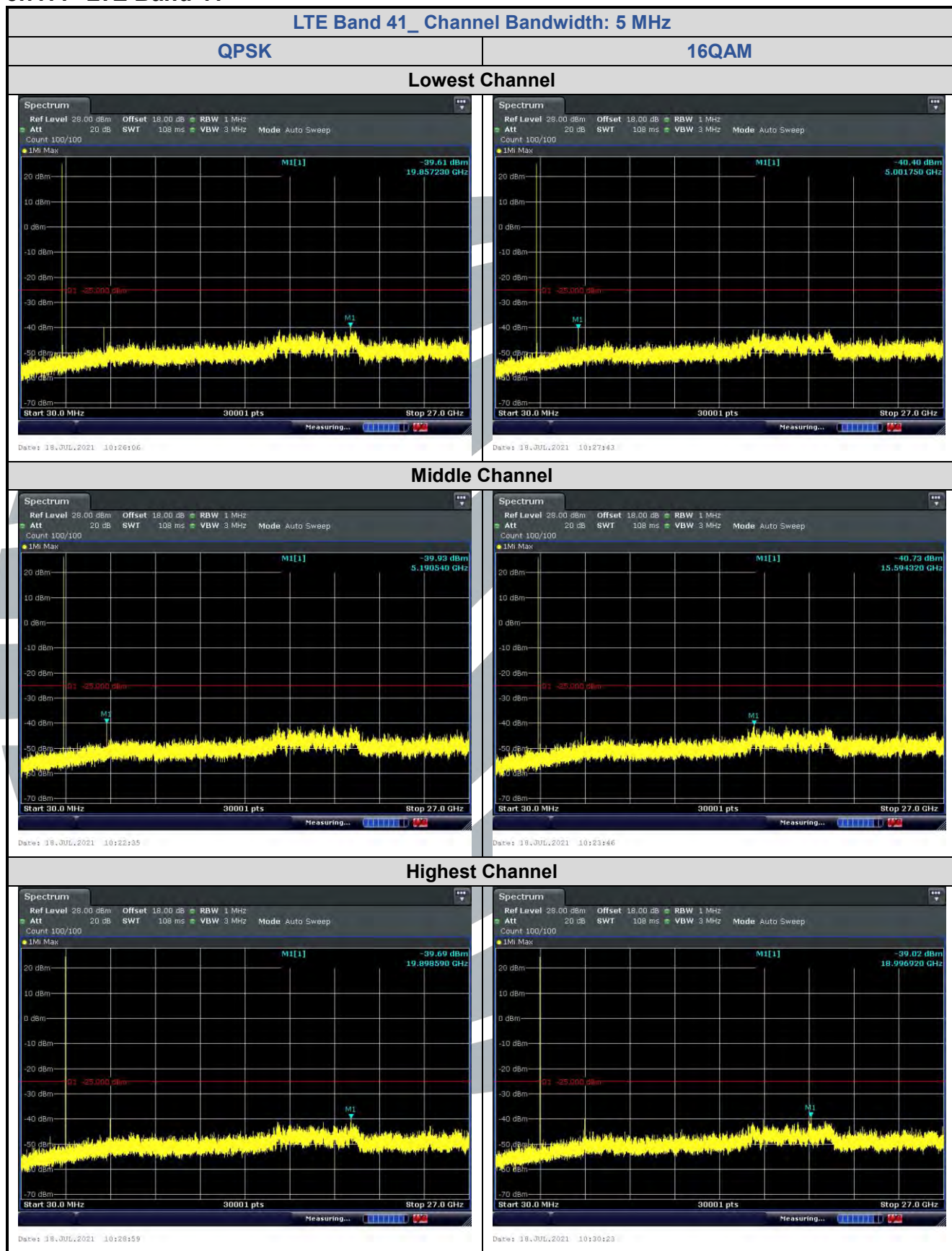
Tel: +86-755-28230888

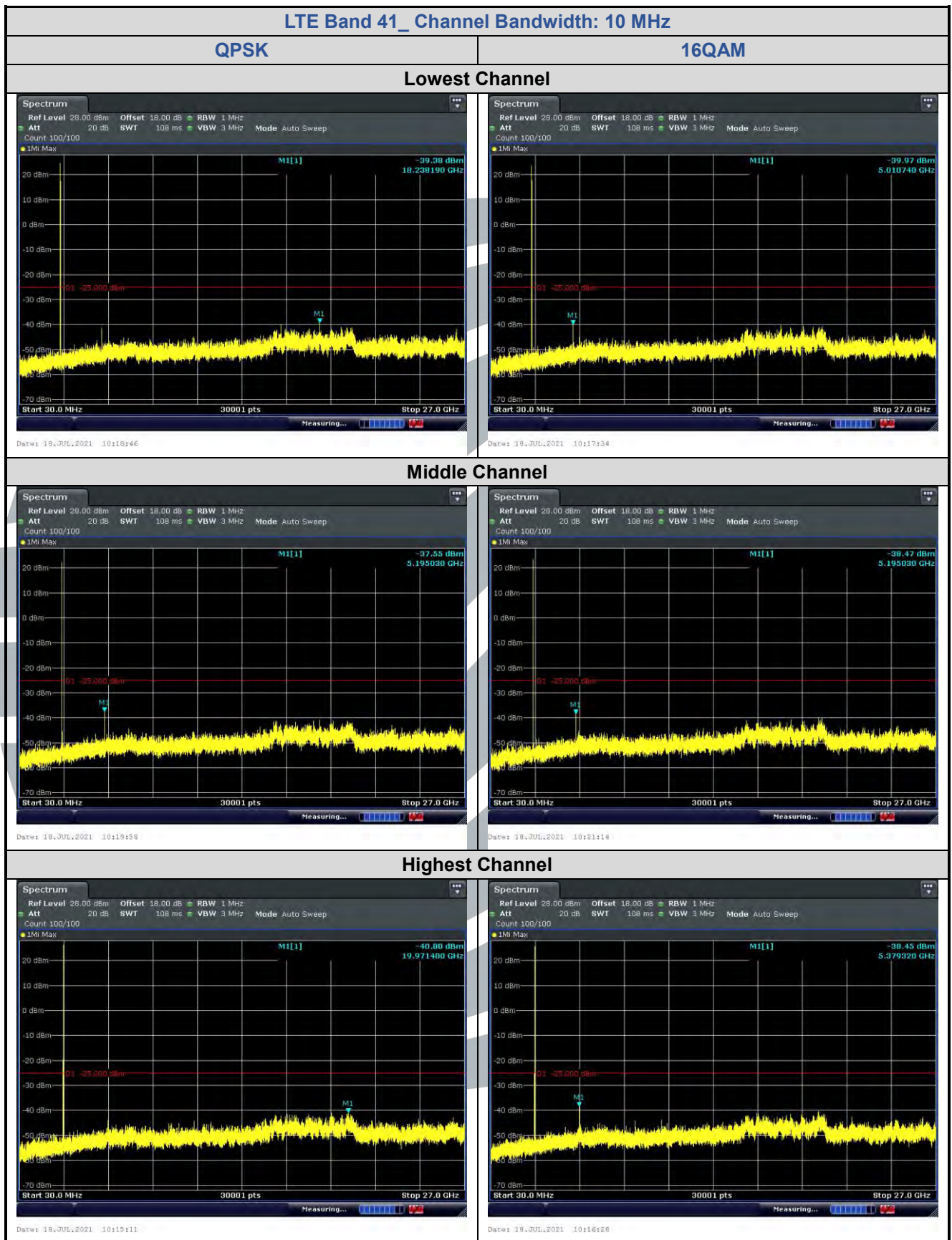
Fax: +86-755-28230886

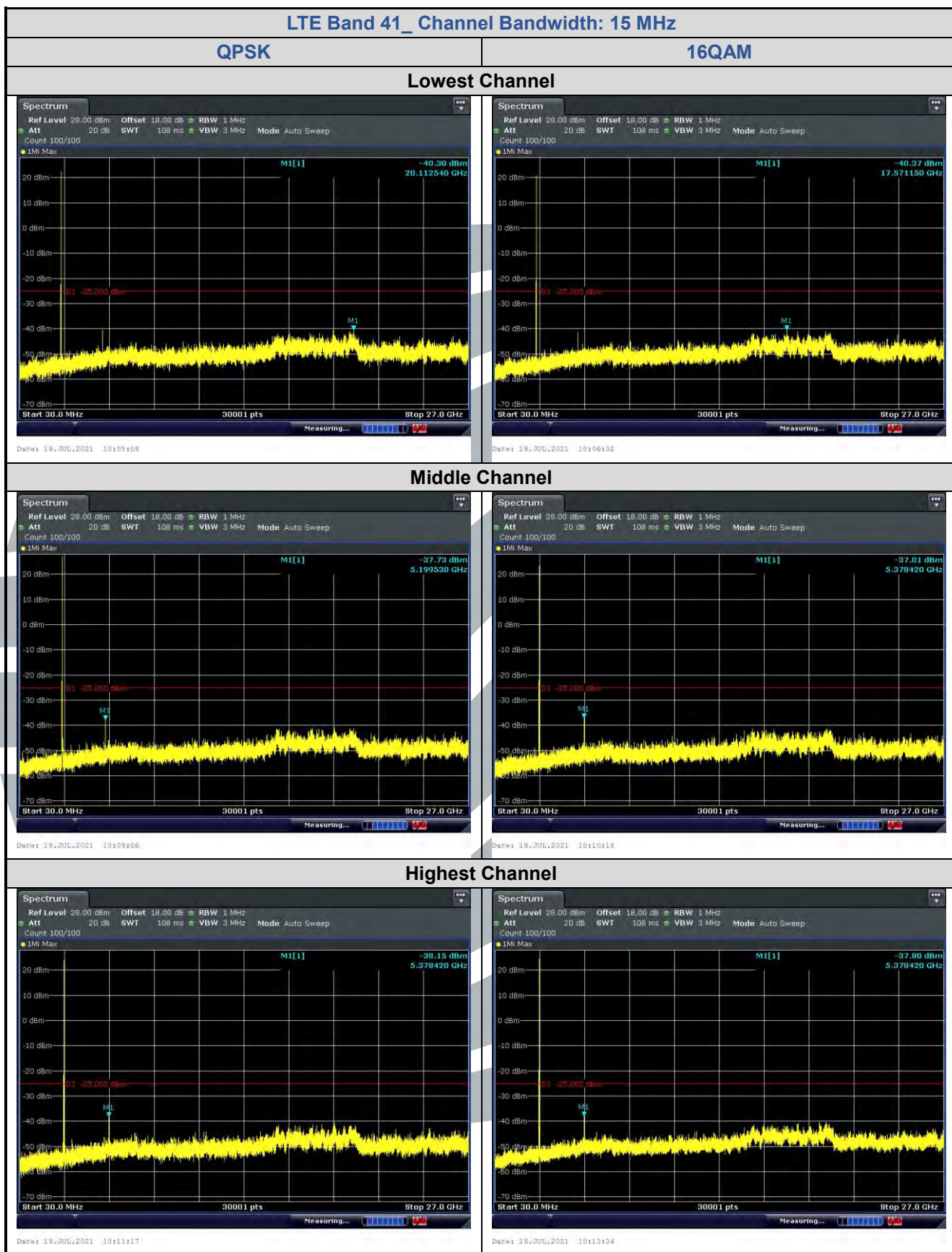
E-mail: info@uttlab.com
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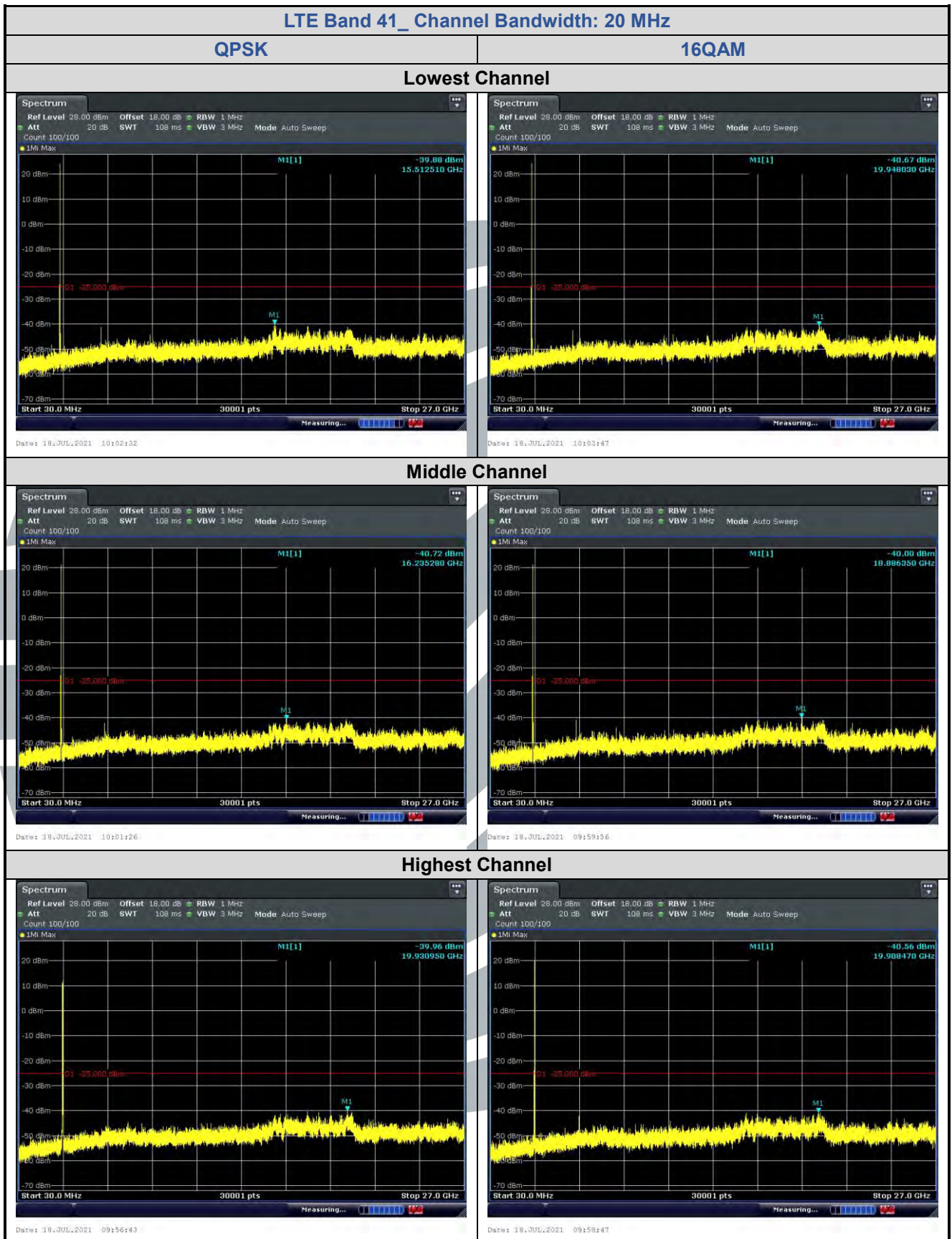
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5.7.11 LTE Band 41

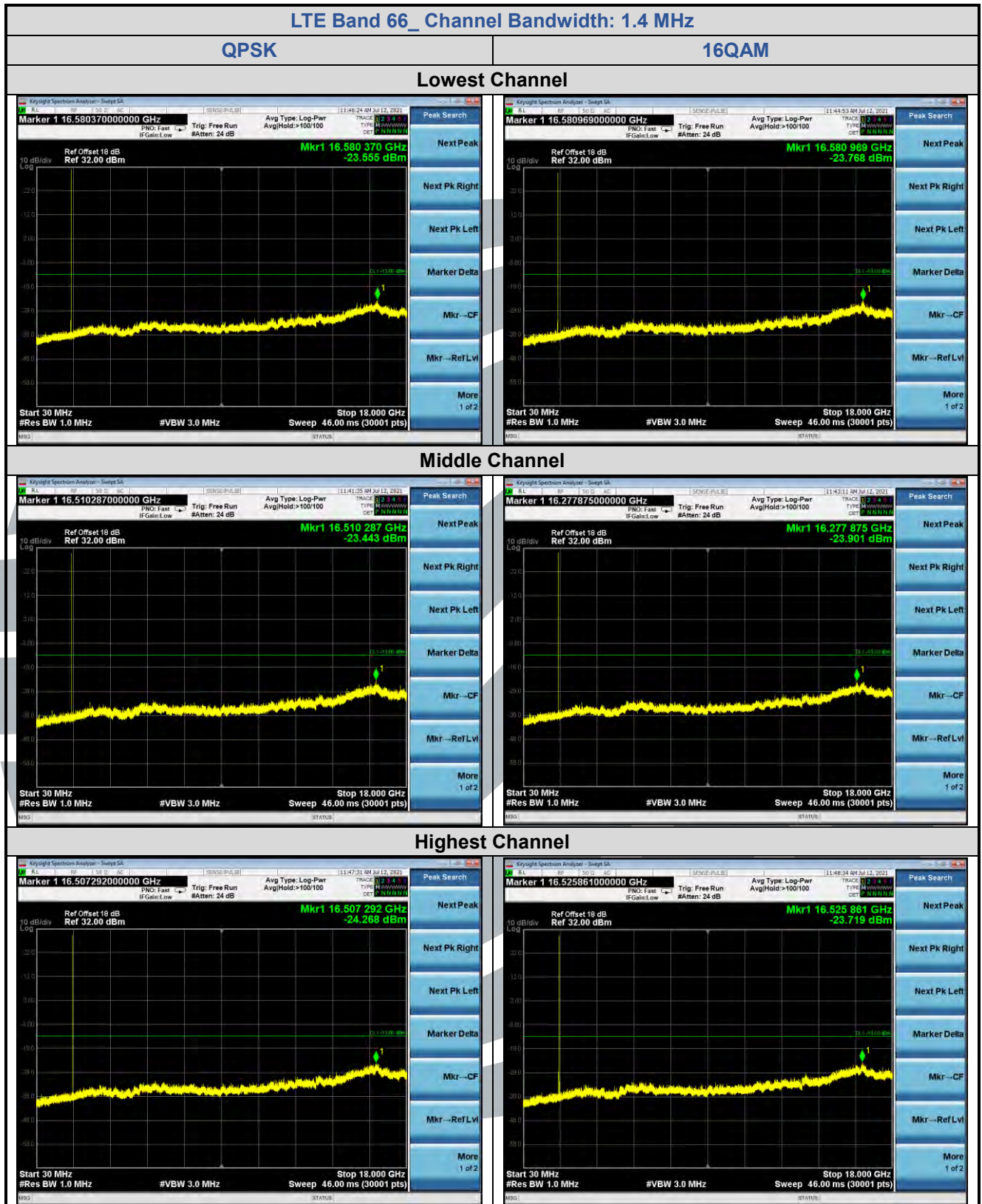








5.7.12 LTE Band 66



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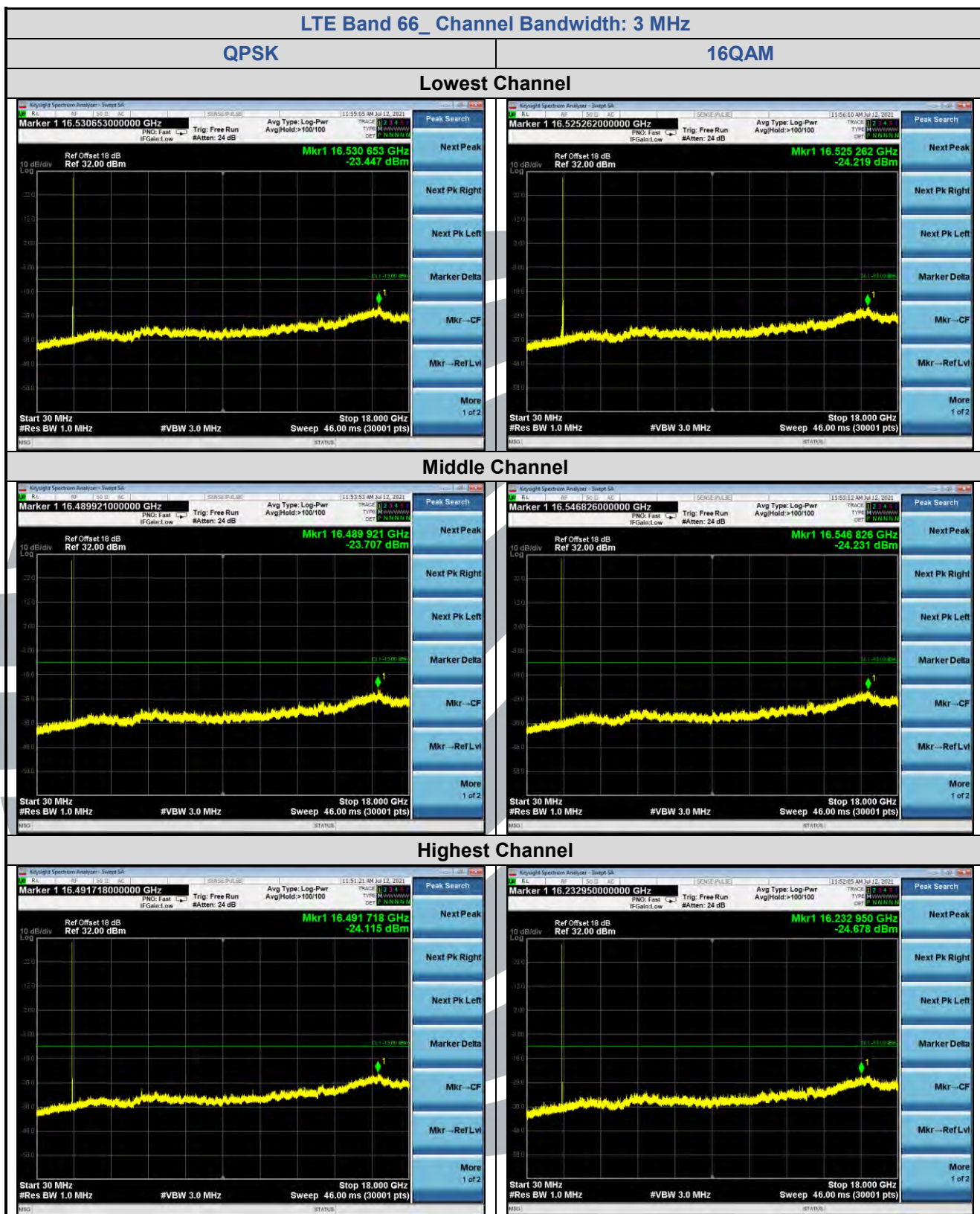
Tel: +86-755-28230888

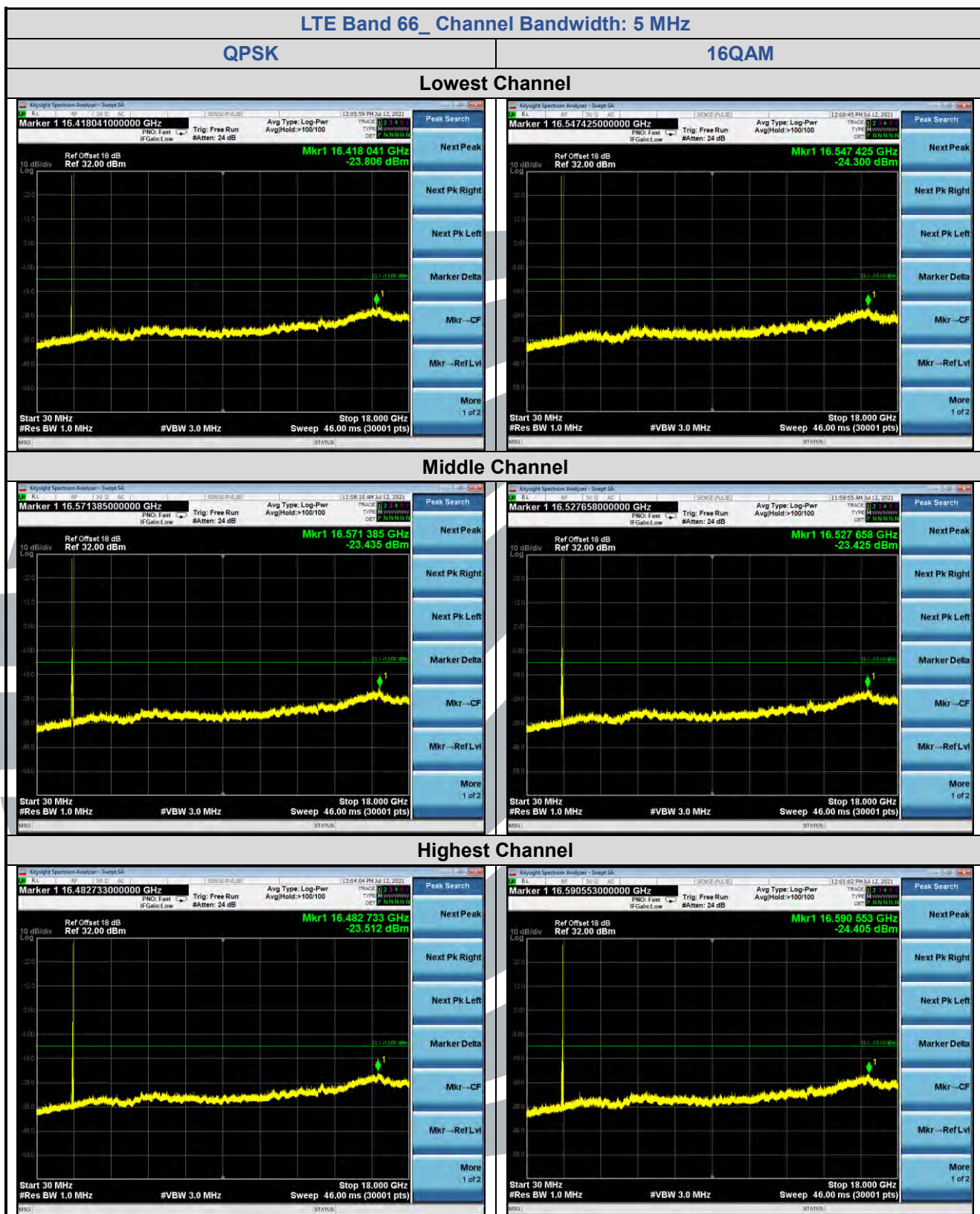
Fax: +86-755-28230886

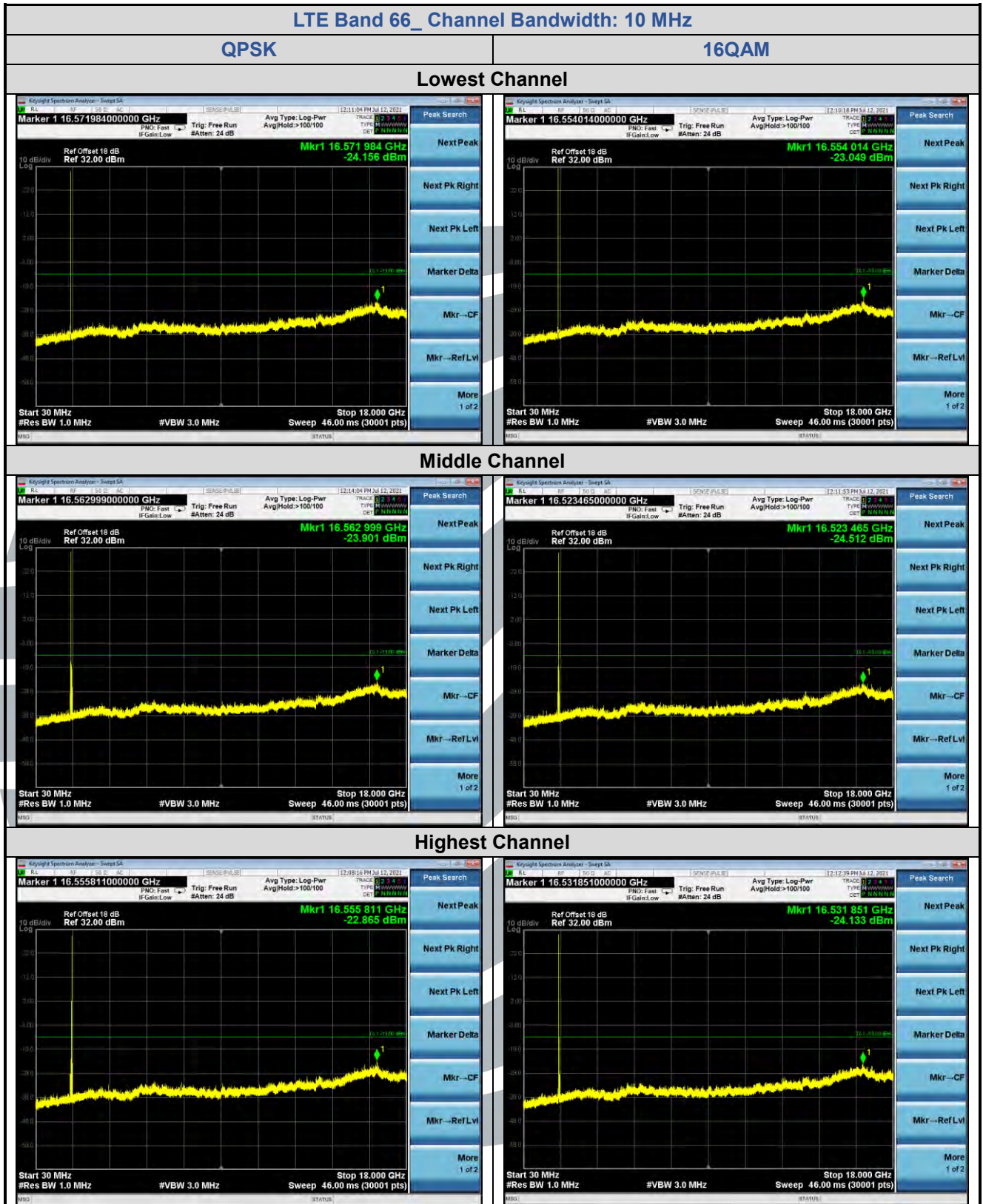
E-mail: info@uttlab.com

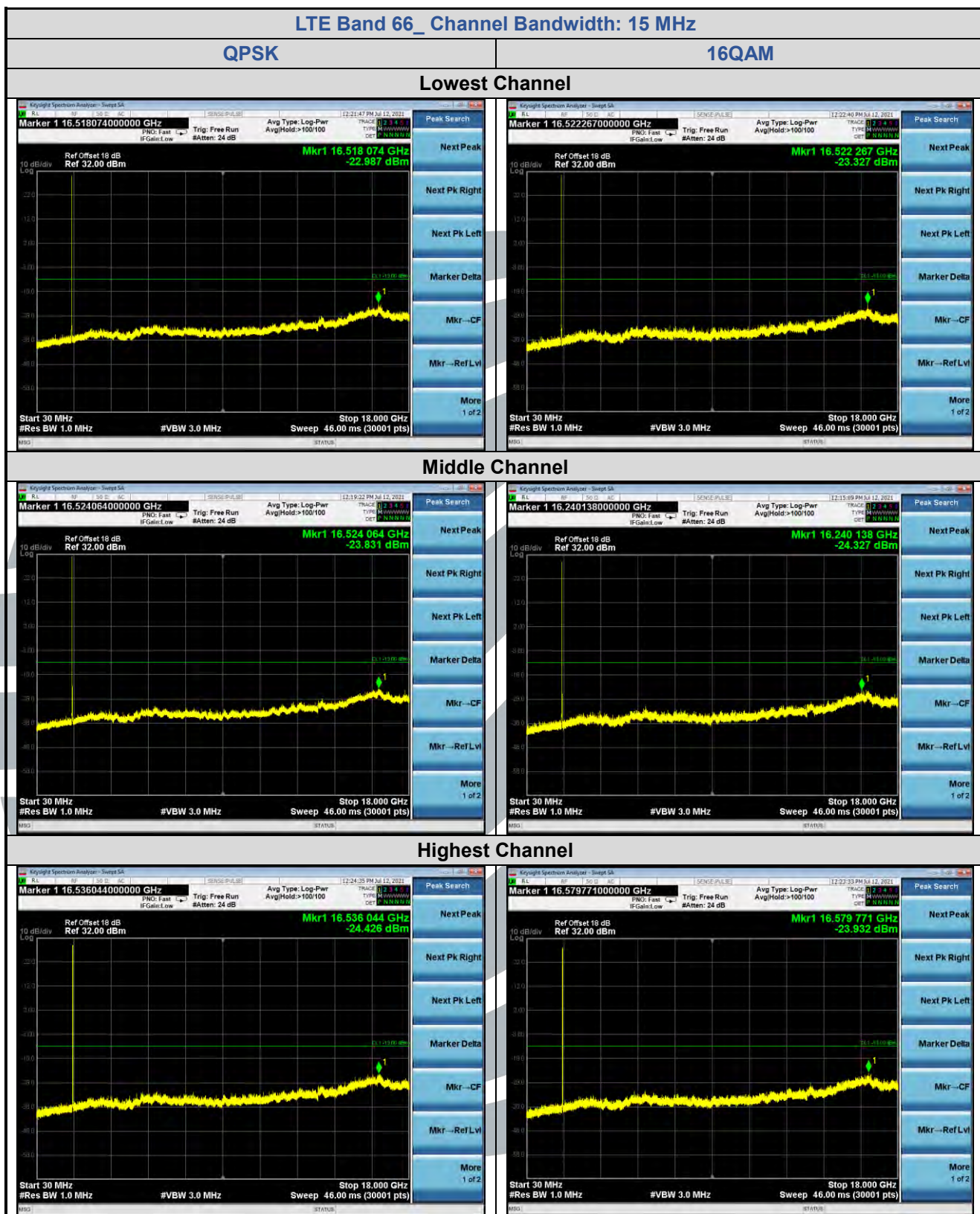
<http://www.uttlab.com>

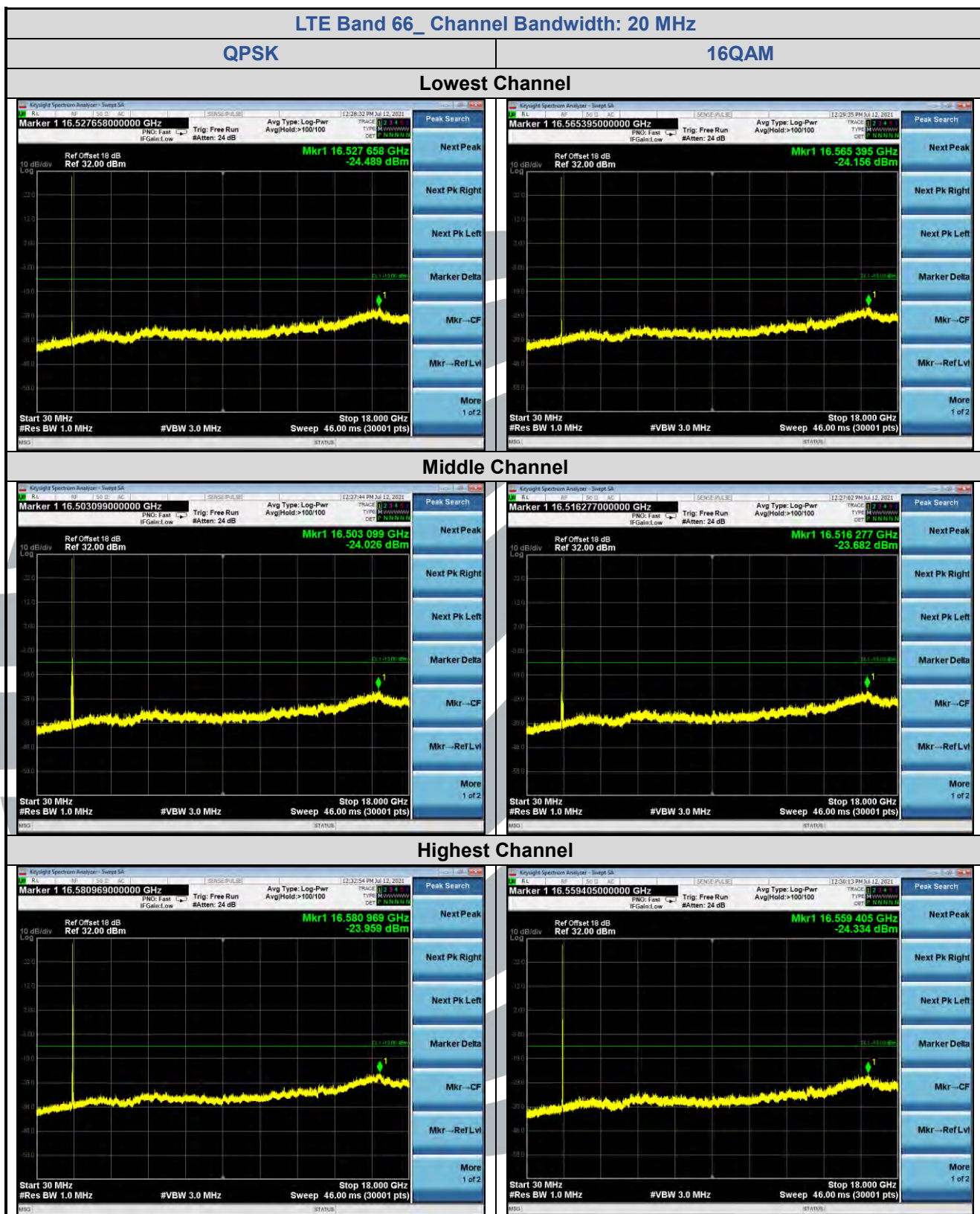
UTTR-RF-FCC4G-V1.1



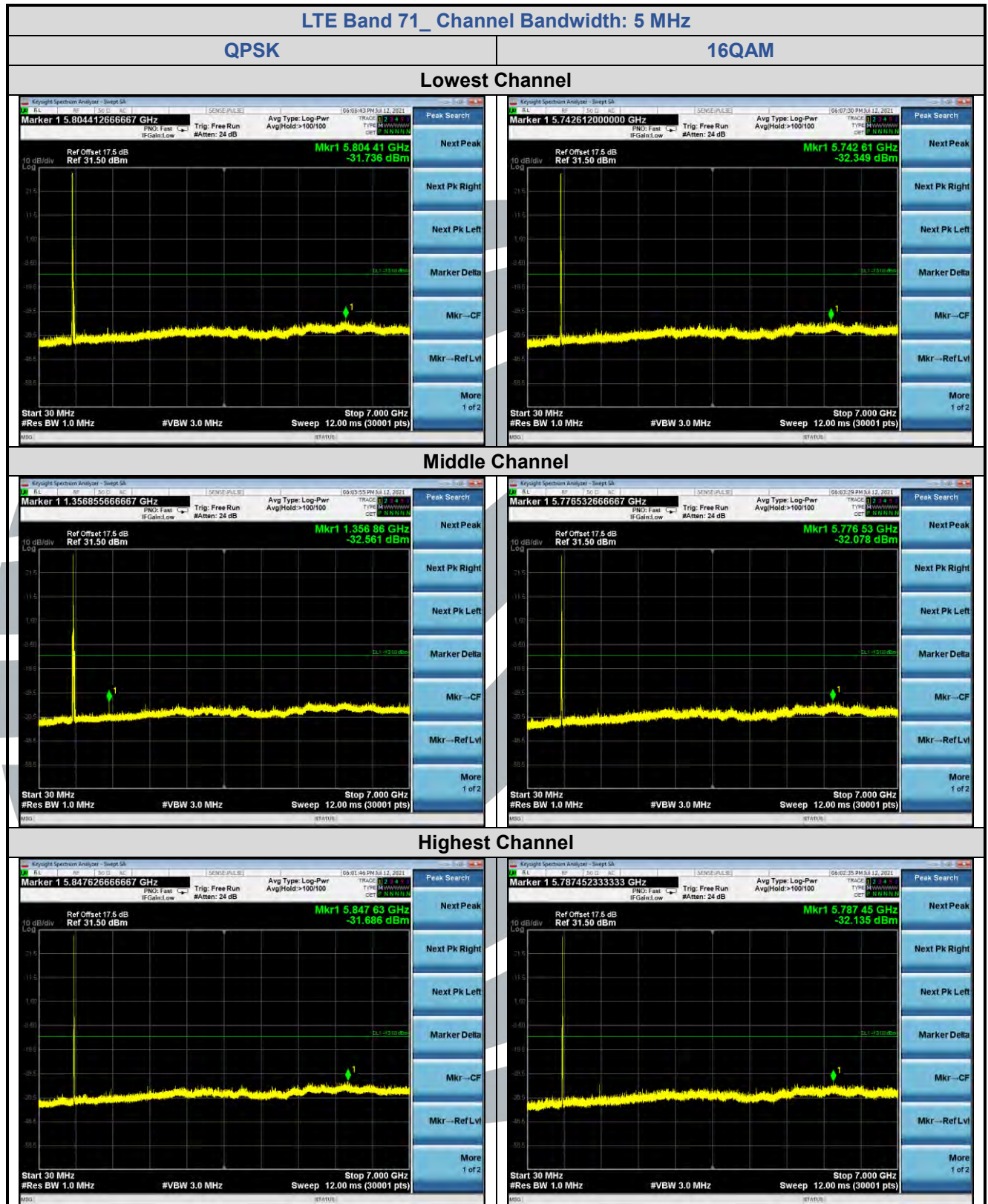


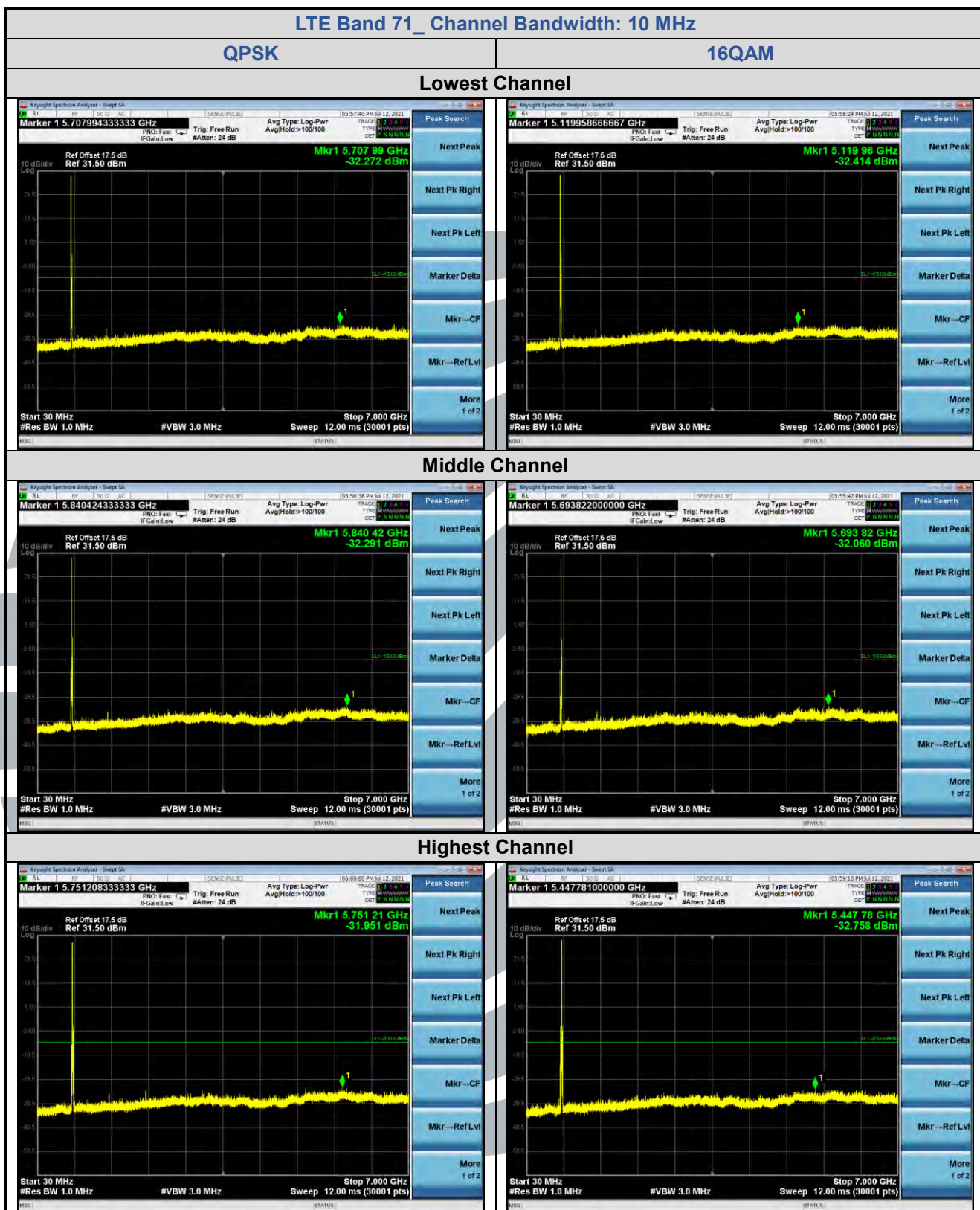


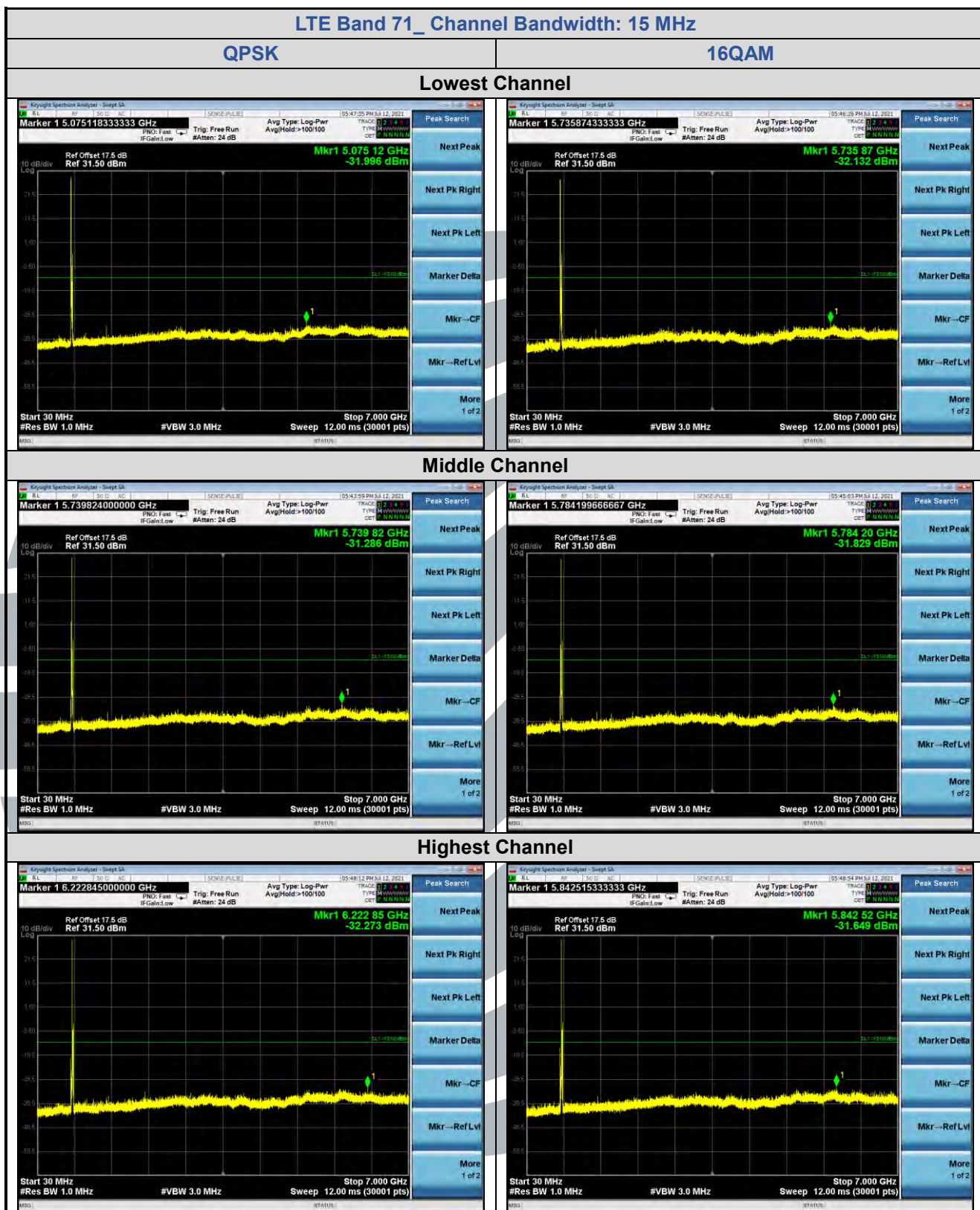


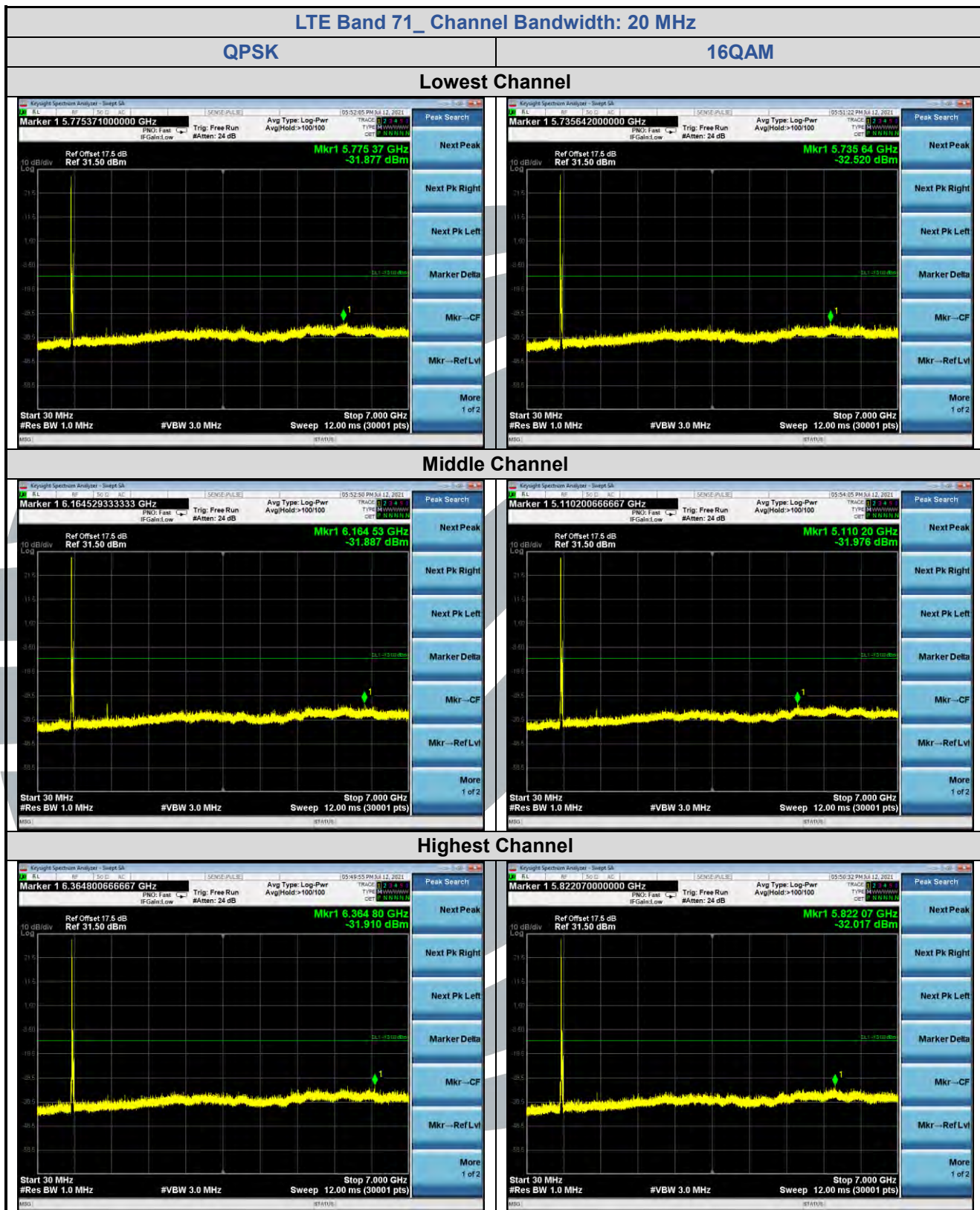


5.7.13 LTE Band 71









5.8 FIELD STRENGTH OF SPURIOUS RADIATION

Test Requirement: LTE Band 2 & LTE Band 25: FCC 47 CFR Part 24.238(a)
 LTE Band 4 & LTE Band 66: FCC 47 CFR Part 27.53(h)
 LTE Band 5 & LTE Band 26: FCC 47 CFR Part 22.917(a)
 LTE Band 7 & Band 41: FCC 47 CFR Part 27.53(m)(4)
 LTE Band 12 & Band 17 & Band 71: FCC 47 CFR Part 27.53(g)
 LTE Band 30: FCC 47 CFR Part 27.53(a)(4)
 LTE Band 26: FCC 47 CFR Part 90.691

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009 MHz-30 MHz	Peak	10 kHz	30 KHz	Peak
30 MHz-1 GHz	Quasi-peak	100 kHz	300 KHz	Peak
Above 1 GHz	Peak	1 MHz	3 MHz	Peak

Limits:

FCC 47 CFR Part 24.238(a), 27.53(h)(1), 22.917(a), 27.53(g), 90.691:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

FCC 47 CFR Part 27.53(m)(4):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

FCC 47 CFR Part 27.53(a)(4): For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log(P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log(P)$ dB above 2365 MHz.

FCC 47 CFR Part 27.53:

(c) The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(f) Emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals. ($-70 \text{ dBW/MHz} = -40 \text{ dBm/MHz}$).

Test Setup: Refer to section 4.2.1 for details.

Test Procedures: KDB 971168 D01v03r01 Section 7

Equipment Used: Refer to section 3 for details.

Test Result: Pass

The measurement data as follows:

5.8.1 LTE Band 2

LTE Band 2_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	30.855	-91.72	33.79	-57.93	-13.00	-44.93	Horizontal
2	734.037	-87.92	40.69	-47.23	-13.00	-34.23	Horizontal
3	965.474	-86.57	42.57	-44.00	-13.00	-31.00	Horizontal
4	3720.000	-66.35	7.65	-58.70	-13.00	-45.70	Horizontal
5	5580.000	-67.43	11.70	-55.73	-13.00	-42.73	Horizontal
6	38.908	-86.96	30.82	-56.14	-13.00	-43.14	Vertical
7	458.399	-88.43	34.98	-53.45	-13.00	-40.45	Vertical
8	787.475	-86.43	40.98	-45.45	-13.00	-32.45	Vertical
9	3720.000	-66.16	7.65	-58.51	-13.00	-45.51	Vertical
10	5580.000	-67.35	11.70	-55.65	-13.00	-42.65	Vertical
Middle Channel							
1	32.640	-90.30	33.61	-56.69	-13.00	-43.69	Horizontal
2	248.732	-88.74	28.70	-60.04	-13.00	-47.04	Horizontal
3	958.714	-86.72	42.45	-44.27	-13.00	-31.27	Horizontal
4	3760.000	-64.66	7.79	-56.87	-13.00	-43.87	Horizontal
5	5640.000	-65.48	11.56	-53.92	-13.00	-40.92	Horizontal
6	39.737	-87.16	30.39	-56.77	-13.00	-43.77	Vertical
7	512.948	-87.96	36.38	-51.58	-13.00	-38.58	Vertical
8	986.044	-87.12	43.10	-44.02	-13.00	-31.02	Vertical
9	3760.000	-64.09	7.79	-56.30	-13.00	-43.30	Vertical
10	5640.000	-65.26	11.56	-53.70	-13.00	-40.70	Vertical
Highest Channel							
1	30.855	-91.90	33.79	-58.11	-13.00	-45.11	Horizontal
2	430.305	-89.29	34.03	-55.26	-13.00	-42.26	Horizontal
3	992.997	-87.68	43.31	-44.37	-13.00	-31.37	Horizontal
4	3800.000	-65.08	7.93	-57.15	-13.00	-44.15	Horizontal
5	5700.000	-65.79	11.43	-54.36	-13.00	-41.36	Horizontal
6	39.182	-86.07	30.66	-55.41	-13.00	-42.41	Vertical
7	298.593	-88.74	30.91	-57.83	-13.00	-44.83	Vertical
8	919.132	-86.43	42.67	-43.76	-13.00	-30.76	Vertical
9	3800.000	-64.57	7.93	-56.64	-13.00	-43.64	Vertical
10	5700.000	-67.15	11.43	-55.72	-13.00	-42.72	Vertical

5.8.2 LTE Band 4

LTE Band 4_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	32.411	-90.23	33.55	-56.68	-13.00	-43.68	Horizontal
2	554.171	-88.39	37.04	-51.35	-13.00	-38.35	Horizontal
3	893.656	-87.17	42.73	-44.44	-13.00	-31.44	Horizontal
4	3440.000	-50.51	6.53	-43.98	-13.00	-30.98	Horizontal
5	5160.000	-63.71	10.10	-53.61	-13.00	-40.61	Horizontal
6	39.182	-87.15	30.66	-56.49	-13.00	-43.49	Vertical
7	624.490	-88.77	38.57	-50.20	-13.00	-37.20	Vertical
8	925.613	-87.28	42.58	-44.70	-13.00	-31.70	Vertical
9	3440.000	-49.25	6.53	-42.72	-13.00	-29.72	Vertical
10	5160.000	-65.26	10.10	-55.16	-13.00	-42.16	Vertical
Middle Channel							
1	30.425	-92.37	33.95	-58.42	-13.00	-45.42	Horizontal
2	403.934	-88.82	33.78	-55.04	-13.00	-42.04	Horizontal
3	919.132	-86.42	42.67	-43.75	-13.00	-30.75	Horizontal
4	3465.000	-55.92	6.62	-49.30	-13.00	-36.30	Horizontal
5	5197.500	-65.53	10.25	-55.28	-13.00	-42.28	Horizontal
6	40.017	-87.33	30.26	-57.07	-13.00	-44.07	Vertical
7	418.378	-88.52	33.92	-54.60	-13.00	-41.60	Vertical
8	945.334	-87.48	42.56	-44.92	-13.00	-31.92	Vertical
9	3465.000	-51.58	6.62	-44.96	-13.00	-31.96	Vertical
10	5197.500	-65.43	10.25	-55.18	-13.00	-42.18	Vertical
Highest Channel							
1	32.411	-92.21	33.55	-58.66	-13.00	-45.66	Horizontal
2	348.514	-88.10	32.60	-55.50	-13.00	-42.50	Horizontal
3	932.141	-86.27	42.65	-43.62	-13.00	-30.62	Horizontal
4	3490.000	-53.95	6.71	-47.24	-13.00	-34.24	Horizontal
5	5235.000	-63.73	10.44	-53.29	-13.00	-40.29	Horizontal
6	39.737	-86.81	30.39	-56.42	-13.00	-43.42	Vertical
7	512.948	-88.50	36.38	-52.12	-13.00	-39.12	Vertical
8	965.474	-87.22	42.57	-44.65	-13.00	-31.65	Vertical
9	3490.000	-57.70	6.71	-50.99	-13.00	-37.99	Vertical
10	5235.000	-63.49	10.44	-53.05	-13.00	-40.05	Vertical

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5.8.3 LTE Band 5

LTE Band 5_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	35.016	-90.47	33.23	-57.24	-13.00	-44.24	Horizontal
2	403.934	-89.64	33.78	-55.86	-13.00	-42.86	Horizontal
3	875.013	-72.44	42.22	-30.22	-13.00	-17.22	Horizontal
4	1658.000	-67.36	0.27	-67.09	-13.00	-54.09	Horizontal
5	2487.000	-66.51	3.64	-62.87	-13.00	-49.87	Horizontal
6	39.182	-86.57	30.66	-55.91	-13.00	-42.91	Vertical
7	703.731	-88.24	40.30	-47.94	-13.00	-34.94	Vertical
8	881.184	-73.87	42.45	-31.42	-13.00	-18.42	Vertical
9	1658.000	-68.00	0.27	-67.73	-13.00	-54.73	Vertical
10	2487.000	-66.14	3.64	-62.50	-13.00	-49.50	Vertical
Middle Channel							
1	34.045	-91.20	33.60	-57.60	-13.00	-44.60	Horizontal
2	177.518	-88.33	27.69	-60.64	-13.00	-47.64	Horizontal
3	887.398	-72.02	42.59	-29.43	-13.00	-16.43	Horizontal
4	1673.000	-66.02	0.36	-65.66	-13.00	-52.66	Horizontal
5	2509.500	-67.67	3.71	-63.96	-13.00	-50.96	Horizontal
6	39.737	-86.29	30.39	-55.90	-13.00	-42.90	Vertical
7	651.383	-87.53	39.24	-48.29	-13.00	-35.29	Vertical
8	881.184	-72.35	42.45	-29.90	-13.00	-16.90	Vertical
9	1673.000	-65.85	0.36	-65.49	-13.00	-52.49	Vertical
10	2509.500	-68.39	3.71	-64.68	-13.00	-51.68	Vertical
Highest Channel							
1	34.045	-91.73	33.60	-58.13	-13.00	-45.13	Horizontal
2	679.435	-87.13	39.81	-47.32	-13.00	-34.32	Horizontal
3	893.656	-71.74	42.73	-29.01	-13.00	-16.01	Horizontal
4	1688.000	-66.73	0.46	-66.27	-13.00	-53.27	Horizontal
5	2532.000	-67.59	3.76	-63.83	-13.00	-50.83	Horizontal
6	39.459	-86.26	30.53	-55.73	-13.00	-42.73	Vertical
7	565.978	-89.42	37.27	-52.15	-13.00	-39.15	Vertical
8	887.398	-73.53	42.59	-30.94	-13.00	-17.94	Vertical
9	1688.000	-65.78	0.46	-65.32	-13.00	-52.32	Vertical
10	2532.000	-67.33	3.76	-63.57	-13.00	-50.57	Vertical

5.8.4 LTE Band 7

LTE Band 7_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	31.292	-91.17	33.65	-57.52	-25.00	-32.52	Horizontal
2	292.364	-88.99	30.77	-58.22	-25.00	-33.22	Horizontal
3	833.013	-87.57	41.61	-45.96	-25.00	-20.96	Horizontal
4	5020.000	-64.15	9.58	-54.57	-25.00	-29.57	Horizontal
5	7530.000	-64.13	13.67	-50.46	-25.00	-25.46	Horizontal
6	38.908	-86.63	30.82	-55.81	-25.00	-30.81	Vertical
7	651.383	-88.07	39.24	-48.83	-25.00	-23.83	Vertical
8	906.304	-86.24	42.75	-43.49	-25.00	-18.49	Vertical
9	5020.000	-64.49	9.58	-54.91	-25.00	-29.91	Vertical
10	7530.000	-61.42	13.67	-47.75	-25.00	-22.75	Vertical
Middle Channel							
1	165.472	-88.32	25.54	-62.78	-25.00	-37.78	Horizontal
2	535.038	-88.45	36.82	-51.63	-25.00	-26.63	Horizontal
3	938.714	-86.87	42.67	-44.20	-25.00	-19.20	Horizontal
4	5070.000	-64.07	9.77	-54.30	-25.00	-29.30	Horizontal
5	7605.000	-64.28	13.78	-50.50	-25.00	-25.50	Horizontal
6	39.182	-87.11	30.66	-56.45	-25.00	-31.45	Vertical
7	178.770	-90.01	27.99	-62.02	-25.00	-37.02	Vertical
8	965.474	-87.02	42.57	-44.45	-25.00	-19.45	Vertical
9	5070.000	-63.19	9.77	-53.42	-25.00	-28.42	Vertical
10	7605.000	-66.03	13.78	-52.25	-25.00	-27.25	Vertical
Highest Channel							
1	34.770	-90.98	33.32	-57.66	-25.00	-32.66	Horizontal
2	458.399	-88.93	34.98	-53.95	-25.00	-28.95	Horizontal
3	899.958	-86.75	42.67	-44.08	-25.00	-19.08	Horizontal
4	5120.000	-64.35	9.95	-54.40	-25.00	-29.40	Horizontal
5	7680.000	-65.43	13.86	-51.57	-25.00	-26.57	Horizontal
6	39.459	-86.96	30.53	-56.43	-25.00	-31.43	Vertical
7	665.261	-89.08	39.71	-49.37	-25.00	-24.37	Vertical
8	938.714	-85.62	42.67	-42.95	-25.00	-17.95	Vertical
9	5120.000	-64.12	9.95	-54.17	-25.00	-29.17	Vertical
10	7680.000	-66.76	13.86	-52.90	-25.00	-27.90	Vertical

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5.8.5 LTE Band 12

LTE Band 12_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	32.870	-90.68	33.65	-57.03	-13.00	-44.03	Horizontal
2	554.171	-88.21	37.04	-51.17	-13.00	-38.17	Horizontal
3	734.037	-76.77	40.69	-36.08	-13.00	-23.08	Horizontal
4	1408.000	-65.18	-0.88	-66.06	-13.00	-53.06	Horizontal
5	2112.000	-66.17	2.42	-63.75	-13.00	-50.75	Horizontal
6	38.908	-86.85	30.82	-56.03	-13.00	-43.03	Vertical
7	294.426	-88.48	30.82	-57.66	-13.00	-44.66	Vertical
8	739.214	-82.44	40.82	-41.62	-13.00	-28.62	Vertical
9	1408.000	-66.08	-0.88	-66.96	-13.00	-53.96	Vertical
10	2112.000	-66.89	2.42	-64.47	-13.00	-51.47	Vertical
Middle Channel							
1	30.425	-91.59	33.95	-57.64	-13.00	-44.64	Horizontal
2	615.774	-88.80	38.56	-50.24	-13.00	-37.24	Horizontal
3	932.141	-86.16	42.65	-43.51	-13.00	-30.51	Horizontal
4	1415.000	-65.48	-0.85	-66.33	-13.00	-53.33	Horizontal
5	2122.500	-65.91	2.45	-63.46	-13.00	-50.46	Horizontal
6	39.182	-86.80	30.66	-56.14	-13.00	-43.14	Vertical
7	520.208	-88.52	36.29	-52.23	-13.00	-39.23	Vertical
8	952.000	-86.15	42.55	-43.60	-13.00	-30.60	Vertical
9	1415.000	-65.52	-0.85	-66.37	-13.00	-53.37	Vertical
10	2122.500	-67.75	2.45	-65.30	-13.00	-52.30	Vertical
Highest Channel							
1	30.855	-91.04	33.79	-57.25	-13.00	-44.25	Horizontal
2	516.565	-88.86	36.35	-52.51	-13.00	-39.51	Horizontal
3	938.714	-85.98	42.67	-43.31	-13.00	-30.31	Horizontal
4	1422.000	-65.24	-0.83	-66.07	-13.00	-53.07	Horizontal
5	2133.000	-66.46	2.46	-64.00	-13.00	-51.00	Horizontal
6	39.182	-86.90	30.66	-56.24	-13.00	-43.24	Vertical
7	498.730	-88.79	35.90	-52.89	-13.00	-39.89	Vertical
8	1000.000	-87.40	43.50	-43.90	-13.00	-30.90	Vertical
9	1422.000	-65.60	-0.83	-66.43	-13.00	-53.43	Vertical
10	2133.000	-67.00	2.46	-64.54	-13.00	-51.54	Vertical

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5.8.6 LTE Band 17

LTE Band 17_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	30.000	-91.69	34.11	-57.58	-13.00	-44.58	Horizontal
2	180.030	-89.05	27.74	-61.31	-13.00	-48.31	Horizontal
3	546.437	-87.83	36.95	-50.88	-13.00	-37.88	Horizontal
4	1418.000	-65.04	-0.84	-65.88	-13.00	-52.88	Horizontal
5	2127.000	-66.41	2.45	-63.96	-13.00	-50.96	Horizontal
6	39.737	-86.53	30.39	-56.14	-13.00	-43.14	Vertical
7	578.036	-89.11	37.49	-51.62	-13.00	-38.62	Vertical
8	739.214	-76.52	40.82	-35.70	-13.00	-22.70	Vertical
9	1418.000	-64.58	-0.84	-65.42	-13.00	-52.42	Vertical
10	2127.000	-66.28	2.45	-63.83	-13.00	-50.83	Vertical
Middle Channel							
1	35.762	-89.46	32.96	-56.50	-13.00	-43.50	Horizontal
2	538.811	-88.78	36.75	-52.03	-13.00	-39.03	Horizontal
3	739.214	-75.55	40.82	-34.73	-13.00	-21.73	Horizontal
4	1420.000	-65.66	-0.83	-66.49	-13.00	-53.49	Horizontal
5	2130.000	-66.83	2.45	-64.38	-13.00	-51.38	Horizontal
6	39.182	-86.28	30.66	-55.62	-13.00	-42.62	Vertical
7	322.590	-87.96	31.76	-56.20	-13.00	-43.20	Vertical
8	739.214	-75.72	40.82	-34.90	-13.00	-21.90	Vertical
9	1420.000	-65.53	-0.83	-66.36	-13.00	-53.36	Vertical
10	2130.000	-66.87	2.45	-64.42	-13.00	-51.42	Vertical
Highest Channel							
1	33.101	-90.49	33.68	-56.81	-13.00	-43.81	Horizontal
2	180.030	-87.82	27.74	-60.08	-13.00	-47.08	Horizontal
3	739.214	-75.24	40.82	-34.42	-13.00	-21.42	Horizontal
4	1422.000	-65.88	-0.83	-66.71	-13.00	-53.71	Horizontal
5	2133.000	-67.05	2.46	-64.59	-13.00	-51.59	Horizontal
6	39.737	-86.20	30.39	-55.81	-13.00	-42.81	Vertical
7	520.208	-89.10	36.29	-52.81	-13.00	-39.81	Vertical
8	739.214	-76.48	40.82	-35.66	-13.00	-22.66	Vertical
9	1422.000	-66.35	-0.83	-67.18	-13.00	-54.18	Vertical
10	2133.000	-66.47	2.46	-64.01	-13.00	-51.01	Vertical

5.8.7 LTE Band 25

LTE Band 25_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	34.285	-92.45	33.51	-58.94	-13.00	-45.94	Horizontal
2	538.811	-88.91	36.75	-52.16	-13.00	-39.16	Horizontal
3	972.283	-87.77	42.83	-44.94	-13.00	-31.94	Horizontal
4	3720.000	-66.42	7.65	-58.77	-13.00	-45.77	Horizontal
5	5580.000	-67.61	11.70	-55.91	-13.00	-42.91	Horizontal
6	38.908	-87.05	30.82	-56.23	-13.00	-43.23	Vertical
7	660.602	-87.85	39.46	-48.39	-13.00	-35.39	Vertical
8	945.334	-87.03	42.56	-44.47	-13.00	-31.47	Vertical
9	3720.000	-65.96	7.65	-58.31	-13.00	-45.31	Vertical
10	5580.000	-67.63	11.70	-55.93	-13.00	-42.93	Vertical
Middle Channel							
1	30.855	-90.41	33.79	-56.62	-13.00	-43.62	Horizontal
2	452.001	-89.16	34.59	-54.57	-13.00	-41.57	Horizontal
3	952.000	-86.53	42.55	-43.98	-13.00	-30.98	Horizontal
4	3760.000	-63.34	7.79	-55.55	-13.00	-42.55	Horizontal
5	5640.000	-64.37	11.56	-52.81	-13.00	-39.81	Horizontal
6	39.459	-86.73	30.53	-56.20	-13.00	-43.20	Vertical
7	546.437	-88.90	36.95	-51.95	-13.00	-38.95	Vertical
8	952.000	-87.32	42.55	-44.77	-13.00	-31.77	Vertical
9	3760.000	-63.39	7.79	-55.60	-13.00	-42.60	Vertical
10	5640.000	-64.56	11.56	-53.00	-13.00	-40.00	Vertical
Highest Channel							
1	33.335	-91.51	33.67	-57.84	-13.00	-44.84	Horizontal
2	406.782	-88.95	33.80	-55.15	-13.00	-42.15	Horizontal
3	938.714	-86.80	42.67	-44.13	-13.00	-31.13	Horizontal
4	3810.000	-65.45	7.97	-57.48	-13.00	-44.48	Horizontal
5	5715.000	-65.48	11.40	-54.08	-13.00	-41.08	Horizontal
6	39.737	-86.83	30.39	-56.44	-13.00	-43.44	Vertical
7	355.940	-89.95	32.84	-57.11	-13.00	-44.11	Vertical
8	906.304	-87.22	42.75	-44.47	-13.00	-31.47	Vertical
9	3810.000	-65.40	7.97	-57.43	-13.00	-44.43	Vertical
10	5715.000	-63.16	11.40	-51.76	-13.00	-38.76	Vertical

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5.8.8 LTE Band 26

LTE Band 26_ 15 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	34.045	-91.21	33.60	-57.61	-13.00	-44.61	Horizontal
2	167.814	-86.93	26.04	-60.89	-13.00	-47.89	Horizontal
3	875.013	-73.81	42.22	-31.59	-13.00	-18.59	Horizontal
4	1663.000	-66.24	0.30	-65.94	-13.00	-52.94	Horizontal
5	2494.500	-66.93	3.66	-63.27	-13.00	-50.27	Horizontal
6	38.636	-85.28	31.06	-54.22	-13.00	-41.22	Vertical
7	527.571	-88.08	36.51	-51.57	-13.00	-38.57	Vertical
8	875.013	-75.83	42.22	-33.61	-13.00	-20.61	Vertical
9	1663.000	-65.85	0.30	-65.55	-13.00	-52.55	Vertical
10	2494.500	-66.49	3.66	-62.83	-13.00	-49.83	Vertical
Middle Channel							
1	35.511	-91.39	33.05	-58.34	-13.00	-45.34	Horizontal
2	723.793	-88.30	40.56	-47.74	-13.00	-34.74	Horizontal
3	881.184	-76.36	42.45	-33.91	-13.00	-20.91	Horizontal
4	1673.000	-65.96	0.36	-65.60	-13.00	-52.60	Horizontal
5	2509.500	-68.18	3.71	-64.47	-13.00	-51.47	Horizontal
6	38.365	-85.33	31.30	-54.03	-13.00	-41.03	Vertical
7	418.378	-88.41	33.92	-54.49	-13.00	-41.49	Vertical
8	887.398	-76.56	42.59	-33.97	-13.00	-20.97	Vertical
9	1673.000	-65.52	0.36	-65.16	-13.00	-52.16	Vertical
10	2509.500	-67.61	3.71	-63.90	-13.00	-50.90	Vertical
Highest Channel							
1	35.016	-91.00	33.23	-57.77	-13.00	-44.77	Horizontal
2	195.870	-87.94	27.10	-60.84	-13.00	-47.84	Horizontal
3	887.398	-77.92	42.59	-35.33	-13.00	-22.33	Horizontal
4	1683.000	-65.22	0.43	-64.79	-13.00	-51.79	Horizontal
5	2524.500	-68.01	3.74	-64.27	-13.00	-51.27	Horizontal
6	39.459	-83.86	30.53	-53.33	-13.00	-40.33	Vertical
7	523.876	-88.54	36.38	-52.16	-13.00	-39.16	Vertical
8	887.398	-76.19	42.59	-33.60	-13.00	-20.60	Vertical
9	1683.000	-66.07	0.43	-65.64	-13.00	-52.64	Vertical
10	2524.500	-66.95	3.74	-63.21	-13.00	-50.21	Vertical

5.8.9 LTE Band 26 (Part 90S)

LTE Band 26_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	33.807	-90.83	33.63	-57.20	-13.00	-44.20	Horizontal
2	642.292	-88.02	39.00	-49.02	-13.00	-36.02	Horizontal
3	815.635	-29.26	41.20	11.94	-13.00	24.94	Horizontal
4	1629.400	-68.31	0.08	-68.23	-13.00	-55.23	Horizontal
5	2444.100	-66.33	3.48	-62.85	-13.00	-49.85	Horizontal
6	39.182	-84.60	30.66	-53.94	-13.00	-40.94	Vertical
7	458.399	-89.61	34.98	-54.63	-13.00	-41.63	Vertical
8	862.802	-76.87	41.95	-34.92	-13.00	-21.92	Vertical
9	1629.400	-67.02	0.08	-66.94	-13.00	-53.94	Vertical
10	2444.100	-65.81	3.48	-62.33	-13.00	-49.33	Vertical
Middle Channel							
1	34.527	-91.10	33.42	-57.68	-13.00	-44.68	Horizontal
2	578.036	-89.24	37.49	-51.75	-13.00	-38.75	Horizontal
3	868.886	-76.94	42.08	-34.86	-13.00	-21.86	Horizontal
4	1638.000	-66.27	0.14	-66.13	-13.00	-53.13	Horizontal
5	2457.000	-66.08	3.54	-62.54	-13.00	-49.54	Horizontal
6	39.182	-84.64	30.66	-53.98	-13.00	-40.98	Vertical
7	554.171	-87.99	37.04	-50.95	-13.00	-37.95	Vertical
8	868.886	-75.77	42.08	-33.69	-13.00	-20.69	Vertical
9	1638.000	-66.40	0.14	-66.26	-13.00	-53.26	Vertical
10	2457.000	-67.57	3.54	-64.03	-13.00	-51.03	Vertical
Highest Channel							
1	32.640	-90.77	33.61	-57.16	-13.00	-44.16	Horizontal
2	734.037	-88.35	40.69	-47.66	-13.00	-34.66	Horizontal
3	868.886	-77.20	42.08	-35.12	-13.00	-22.12	Horizontal
4	1646.600	-65.32	0.19	-65.13	-13.00	-52.13	Horizontal
5	2469.900	-65.84	3.59	-62.25	-13.00	-49.25	Horizontal
6	39.182	-84.37	30.66	-53.71	-13.00	-40.71	Vertical
7	703.731	-88.60	40.30	-48.30	-13.00	-35.30	Vertical
8	868.886	-77.09	42.08	-35.01	-13.00	-22.01	Vertical
9	1646.600	-65.51	0.19	-65.32	-13.00	-52.32	Vertical
10	2469.900	-67.51	3.59	-63.92	-13.00	-50.92	Vertical

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5.8.10 LTE Band 30

LTE Band 30_ 10 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Middle Channel							
1	31.735	-92.19	33.54	-58.65	-40.00	-18.65	Horizontal
2	689.051	-88.02	40.05	-47.97	-40.00	-7.97	Horizontal
3	919.132	-87.00	42.67	-44.33	-40.00	-4.33	Horizontal
4	4620.000	-68.52	9.28	-59.24	-40.00	-19.24	Horizontal
5	6930.000	-59.36	12.77	-46.59	-40.00	-6.59	Horizontal
6	38.636	-86.43	31.06	-55.37	-40.00	-15.37	Vertical
7	655.977	-88.88	39.34	-49.54	-40.00	-9.54	Vertical
8	912.695	-86.67	42.81	-43.86	-40.00	-3.86	Vertical
9	4620.000	-67.38	9.28	-58.10	-40.00	-18.10	Vertical
10	6930.000	-56.94	12.77	-44.17	-40.00	-4.17	Vertical

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5.8.11 LTE Band 41

LTE Band 41_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	34.285	-92.19	33.51	-58.68	-25.00	-33.68	Horizontal
2	178.770	-87.68	27.99	-59.69	-25.00	-34.69	Horizontal
3	945.334	-87.17	42.56	-44.61	-25.00	-19.61	Horizontal
4	5012.000	-64.22	9.55	-54.67	-25.00	-29.67	Horizontal
5	7518.000	-56.71	13.66	-43.05	-25.00	-18.05	Horizontal
6	38.908	-86.72	30.82	-55.90	-25.00	-30.90	Vertical
7	343.651	-88.69	32.40	-56.29	-25.00	-31.29	Vertical
8	925.613	-87.37	42.58	-44.79	-25.00	-19.79	Vertical
9	5012.000	-63.12	9.55	-53.57	-25.00	-28.57	Vertical
10	7518.000	-57.57	13.66	-43.91	-25.00	-18.91	Vertical
Middle Channel							
1	30.000	-91.63	34.11	-57.52	-25.00	-32.52	Horizontal
2	360.977	-89.79	32.71	-57.08	-25.00	-32.08	Horizontal
3	986.044	-86.32	43.10	-43.22	-25.00	-18.22	Horizontal
4	5186.000	-69.17	10.19	-58.98	-25.00	-33.98	Horizontal
5	7779.000	-60.38	13.98	-46.40	-25.00	-21.40	Horizontal
6	39.182	-86.84	30.66	-56.18	-25.00	-31.18	Vertical
7	734.037	-89.10	40.69	-48.41	-25.00	-23.41	Vertical
8	938.714	-86.19	42.67	-43.52	-25.00	-18.52	Vertical
9	5186.000	-68.21	10.19	-58.02	-25.00	-33.02	Vertical
10	7779.000	-57.51	13.98	-43.53	-25.00	-18.53	Vertical
Highest Channel							
1	30.425	-91.57	33.95	-57.62	-25.00	-32.62	Horizontal
2	739.214	-87.43	40.82	-46.61	-25.00	-21.61	Horizontal
3	986.044	-87.45	43.10	-44.35	-25.00	-19.35	Horizontal
4	5360.000	-61.47	11.12	-50.35	-25.00	-25.35	Horizontal
5	8040.000	-65.13	14.31	-50.82	-25.00	-25.82	Horizontal
6	39.459	-85.64	30.53	-55.11	-25.00	-30.11	Vertical
7	554.171	-88.88	37.04	-51.84	-25.00	-26.84	Vertical
8	932.141	-86.34	42.65	-43.69	-25.00	-18.69	Vertical
9	5360.000	-62.69	11.12	-51.57	-25.00	-26.57	Vertical
10	8040.000	-66.99	14.31	-52.68	-25.00	-27.68	Vertical

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5.8.12 LTE Band 66

LTE Band 66_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	30.639	-92.07	33.87	-58.20	-13.00	-45.20	Horizontal
2	338.855	-89.50	32.22	-57.28	-13.00	-44.28	Horizontal
3	912.695	-87.30	42.81	-44.49	-13.00	-31.49	Horizontal
4	3440.000	-50.72	6.53	-44.19	-13.00	-31.19	Horizontal
5	5160.000	-65.49	10.10	-55.39	-13.00	-42.39	Horizontal
6	39.459	-84.44	30.53	-53.91	-13.00	-40.91	Vertical
7	304.955	-87.50	31.15	-56.35	-13.00	-43.35	Vertical
8	912.695	-87.89	42.81	-45.08	-13.00	-32.08	Vertical
9	3440.000	-50.11	6.53	-43.58	-13.00	-30.58	Vertical
10	5160.000	-63.18	10.10	-53.08	-13.00	-40.08	Vertical
Middle Channel							
1	35.762	-92.00	32.96	-59.04	-13.00	-46.04	Horizontal
2	331.786	-90.54	31.93	-58.61	-13.00	-45.61	Horizontal
3	1000.000	-88.12	43.50	-44.62	-13.00	-31.62	Horizontal
4	3490.000	-53.51	6.71	-46.80	-13.00	-33.80	Horizontal
5	5235.000	-64.80	10.44	-54.36	-13.00	-41.36	Horizontal
6	39.182	-85.21	30.66	-54.55	-13.00	-41.55	Vertical
7	186.468	-88.63	27.43	-61.20	-13.00	-48.20	Vertical
8	932.141	-86.72	42.65	-44.07	-13.00	-31.07	Vertical
9	3490.000	-52.40	6.71	-45.69	-13.00	-32.69	Vertical
10	5235.000	-62.84	10.44	-52.40	-13.00	-39.40	Vertical
Highest Channel							
1	33.101	-91.32	33.68	-57.64	-13.00	-44.64	Horizontal
2	353.447	-89.27	32.81	-56.46	-13.00	-43.46	Horizontal
3	938.714	-87.18	42.67	-44.51	-13.00	-31.51	Horizontal
4	3540.000	-61.83	6.91	-54.92	-13.00	-41.92	Horizontal
5	5310.000	-65.25	10.85	-54.40	-13.00	-41.40	Horizontal
6	39.459	-85.24	30.53	-54.71	-13.00	-41.71	Vertical
7	484.907	-89.17	35.42	-53.75	-13.00	-40.75	Vertical
8	972.283	-87.23	42.83	-44.40	-13.00	-31.40	Vertical
9	3540.000	-64.62	6.91	-57.71	-13.00	-44.71	Vertical
10	5310.000	-62.66	10.85	-51.81	-13.00	-38.81	Vertical

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5.8.13 LTE Band 71

LTE Band 71_ 20 MHz_ QPSK							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowest Channel							
1	36.524	-91.57	32.41	-59.16	-13.00	-46.16	Horizontal
2	611.462	-88.38	38.43	-49.95	-13.00	-36.95	Horizontal
3	952.000	-87.38	42.55	-44.83	-13.00	-31.83	Horizontal
4	1346.000	-62.36	-1.07	-63.43	-13.00	-50.43	Horizontal
5	2019.000	-65.48	2.22	-63.26	-13.00	-50.26	Horizontal
6	39.182	-86.87	30.66	-56.21	-13.00	-43.21	Vertical
7	353.447	-90.08	32.81	-57.27	-13.00	-44.27	Vertical
8	912.695	-87.81	42.81	-45.00	-13.00	-32.00	Vertical
9	1346.000	-62.63	-1.07	-63.70	-13.00	-50.70	Vertical
10	2019.000	-65.68	2.22	-63.46	-13.00	-50.46	Vertical
Middle Channel							
1	36.268	-90.48	32.63	-57.85	-13.00	-44.85	Horizontal
2	355.940	-90.01	32.84	-57.17	-13.00	-44.17	Horizontal
3	919.132	-87.19	42.67	-44.52	-13.00	-31.52	Horizontal
4	1361.000	-63.78	-1.01	-64.79	-13.00	-51.79	Horizontal
5	2041.500	-66.71	2.28	-64.43	-13.00	-51.43	Horizontal
6	38.908	-86.91	30.82	-56.09	-13.00	-43.09	Vertical
7	573.988	-89.72	37.53	-52.19	-13.00	-39.19	Vertical
8	945.334	-87.42	42.56	-44.86	-13.00	-31.86	Vertical
9	1361.000	-64.63	-1.01	-65.64	-13.00	-52.64	Vertical
10	2041.500	-66.50	2.28	-64.22	-13.00	-51.22	Vertical
Highest Channel							
1	35.263	-91.74	33.14	-58.60	-13.00	-45.60	Horizontal
2	338.855	-89.66	32.22	-57.44	-13.00	-44.44	Horizontal
3	986.044	-87.54	43.10	-44.44	-13.00	-31.44	Horizontal
4	1381.000	-63.70	-0.96	-64.66	-13.00	-51.66	Horizontal
5	2071.500	-68.69	2.34	-66.35	-13.00	-53.35	Horizontal
6	39.182	-86.28	30.66	-55.62	-13.00	-42.62	Vertical
7	628.894	-89.55	38.67	-50.88	-13.00	-37.88	Vertical
8	986.044	-87.01	43.10	-43.91	-13.00	-30.91	Vertical
9	1381.000	-63.70	-0.96	-64.66	-13.00	-51.66	Vertical
10	2071.500	-68.49	2.34	-66.15	-13.00	-53.15	Vertical

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit

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5.9 FREQUENCY STABILITY

Test Requirement: FCC 47 CFR Part 2.1055 &
FCC 47 CFR Part 22.355 &
FCC 47 CFR Part 24.235 &
FCC 47 CFR Part 27.54,

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limits:

FCC 47 CFR Part 22.355, FCC 47 CFR Part 90.213

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

FCC 47 CFR Part 24.235, FCC 47 CFR Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Setup: Refer to section 4.2.2 for details.

Test Procedures:

- 1) Use CMW 500 or CMU 200 with Frequency Error measurement capability.
 - a) Temp. = -30° to $+50^{\circ}\text{C}$
 - b) Voltage = low voltage, 3.5 Vdc, Normal, 3.8 Vdc and High voltage, 4.2 Vdc.

- 2) Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

- 3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

Equipment Used: Refer to section 3 for details.

Test Result: Pass

5.9.1 LTE Band 2

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature ($^{\circ}\text{C}$)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 2 / 20MHz / Full RB							
QPSK	18900 / 1880.0	VL	TN	18	0.0096	N/A	Pass
		VN		21	0.0112		Pass
		VH		19	0.0101		Pass
		VN	50	17	0.0090		Pass
			40	19	0.0101		Pass
			30	27	0.0144		Pass
			20	25	0.0133		Pass
			10	26	0.0138		Pass
			0	19	0.0101		Pass
			-10	17	0.0090		Pass
			-20	19	0.0101		Pass
			-30	21	0.0112		Pass

5.9.2 LTE Band 4

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 4 / 20MHz / Full RB							
QPSK	20175 / 1732.5	VL	TN	19	0.0110	N/A	Pass
		VN		18	0.0104		Pass
		VH		22	0.0127		Pass
		VN	50	25	0.0144		Pass
			40	21	0.0121		Pass
			30	25	0.0144		Pass
			20	18	0.0104		Pass
			10	17	0.0098		Pass
			0	25	0.0144		Pass
			-10	17	0.0098		Pass
			-20	28	0.0162		Pass
			-30	21	0.0121		Pass

5.9.3 LTE Band 5

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 5 / 10MHz / Full RB							
QPSK	20525 / 836.5	VL	TN	16	0.0191	± 2.5	Pass
		VN		19	0.0227	± 2.5	Pass
		VH		19	0.0227	± 2.5	Pass
		VN	50	27	0.0323	± 2.5	Pass
			40	21	0.0251	± 2.5	Pass
			30	19	0.0227	± 2.5	Pass
			20	27	0.0323	± 2.5	Pass
			10	18	0.0215	± 2.5	Pass
			0	19	0.0227	± 2.5	Pass
			-10	16	0.0191	± 2.5	Pass
			-20	19	0.0227	± 2.5	Pass
			-30	24	0.0287	± 2.5	Pass

5.9.4 LTE Band 7

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 7 / 20MHz / Full RB							
QPSK	21100 / 2535	VL	TN	-17	-0.0067	N/A	Pass
		VN		-25	-0.0099		Pass
		VH		-27	-0.0107		Pass
		VN	50	-25	-0.0099		Pass
			40	-24	-0.0095		Pass
			30	-22	-0.0087		Pass
			20	-25	-0.0099		Pass
			10	-17	-0.0067		Pass
			0	-33	-0.0130		Pass
			-10	-23	-0.0091		Pass
			-20	-25	-0.0099		Pass
			-30	-19	-0.0075		Pass

5.9.5 LTE Band 12

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 12 / 10MHz / Full RB							
QPSK	23095 / 707.5	VL	TN	22	0.0311	N/A	Pass
		VN		18	0.0254		Pass
		VH		24	0.0339		Pass
		VN	50	19	0.0269		Pass
			40	18	0.0254		Pass
			30	14	0.0198		Pass
			20	27	0.0382		Pass
			10	18	0.0254		Pass
			0	24	0.0339		Pass
			-10	27	0.0382		Pass
			-20	25	0.0353		Pass
			-30	15	0.0212		Pass

5.9.6 LTE Band 17

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 17 / 10MHz / Full RB							
QPSK	23790 / 710	VL	TN	21	0.0269	N/A	Pass
		VN		19	0.0243		Pass
		VH		24	0.0307		Pass
		VN	50	19	0.0243		Pass
			40	28	0.0358		Pass
			30	26	0.0332		Pass
			20	23	0.0294		Pass
			10	24	0.0307		Pass
			0	19	0.0243		Pass
			-10	18	0.0230		Pass
			-20	18	0.0230		Pass
			-30	26	0.0332		Pass

5.9.7 LTE Band 25

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 25 / 20MHz / Full RB							
QPSK	26340 / 1880.0	VL	TN	-28	-0.0149	N/A	Pass
		VN		-31	-0.0165		Pass
		VH		-19	-0.0101		Pass
		VN	50	-29	-0.0154		Pass
			40	-31	-0.0165		Pass
			30	-27	-0.0144		Pass
			20	-24	-0.0128		Pass
			10	-16	-0.0085		Pass
			0	-29	-0.0154		Pass
			-10	-17	-0.0090		Pass
			-20	-25	-0.0133		Pass
			-30	-16	-0.0085		Pass

5.9.8 LTE Band 26

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 26 / 15MHz / Full RB							
QPSK	26915 / 836.5	VL	TN	22	0.0263	± 2.5	Pass
		VN		19	0.0227	± 2.5	Pass
		VH		17	0.0203	± 2.5	Pass
		VN	50	31	0.0371	± 2.5	Pass
			40	25	0.0299	± 2.5	Pass
			30	21	0.0251	± 2.5	Pass
			20	25	0.0299	± 2.5	Pass
			10	20	0.0239	± 2.5	Pass
			0	25	0.0299	± 2.5	Pass
			-10	17	0.0203	± 2.5	Pass
			-20	18	0.0215	± 2.5	Pass
			-30	26	0.0311	± 2.5	Pass

5.9.9 LTE Band 26 (Part 90S)

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 26 / 10MHz / Full RB							
QPSK	26740 / 819	VL	TN	19	0.0232	± 2.5	Pass
		VN		15	0.0183	± 2.5	Pass
		VH		17	0.0208	± 2.5	Pass
		VN	50	22	0.0269	± 2.5	Pass
			40	22	0.0269	± 2.5	Pass
			30	18	0.0220	± 2.5	Pass
			20	25	0.0305	± 2.5	Pass
			10	17	0.0208	± 2.5	Pass
			0	15	0.0183	± 2.5	Pass
			-10	17	0.0208	± 2.5	Pass
			-20	22	0.0269	± 2.5	Pass
			-30	21	0.0256	± 2.5	Pass

5.9.10 LTE Band 30

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 30 / 20MHz / Full RB							
QPSK	38000 /2595	VL	TN	19	0.0073	N/A	Pass
		VN		17	0.0066		Pass
		VH		23	0.0089		Pass
		VN	50	24	0.0092		Pass
			40	26	0.0100		Pass
			30	25	0.0096		Pass
			20	21	0.0081		Pass
			10	23	0.0089		Pass
			0	24	0.0092		Pass
			-10	23	0.0089		Pass
			-20	23	0.0089		Pass
			-30	19	0.0073		Pass

5.9.11 LTE Band 41

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 41 / 20MHz / Full RB							
QPSK	40620 / 2593	VL	TN	19	0.0073	N/A	Pass
		VN		21	0.0081		Pass
		VH		26	0.0100		Pass
		VN	50	19	0.0073		Pass
			40	33	0.0127		Pass
			30	27	0.0104		Pass
			20	31	0.0120		Pass
			10	24	0.0093		Pass
			0	26	0.0100		Pass
			-10	26	0.0100		Pass
			-20	17	0.0066		Pass
			-30	24	0.0093		Pass

5.9.12 LTE Band 66

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 66 / 20MHz / Full RB							
QPSK	132322 / 1745	VL	TN	35	0.0201	N/A	Pass
		VN		31	0.0178		Pass
		VH		28	0.0160		Pass
		VN	50	19	0.0109		Pass
			40	29	0.0166		Pass
			30	33	0.0189		Pass
			20	27	0.0155		Pass
			10	28	0.0160		Pass
			0	31	0.0178		Pass
			-10	26	0.0149		Pass
			-20	28	0.0160		Pass
			-30	29	0.0166		Pass

5.9.13 LTE Band 71

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 71 / 20MHz / Full RB							
QPSK	133322 / 683	VL	TN	-23	-0.0337	N/A	Pass
		VN		-31	-0.0454		Pass
		VH		-23	-0.0337		Pass
		VN	50	-24	-0.0351		Pass
			40	-26	-0.0381		Pass
			30	-27	-0.0395		Pass
			20	-26	-0.0381		Pass
			10	-23	-0.0337		Pass
			0	-33	-0.0483		Pass
			-10	-26	-0.0381		Pass
			-20	-23	-0.0337		Pass
			-30	-28	-0.0410		Pass

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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