

**26dB Bandwidth**

Mode	LTE Band 2 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.24	3.06	3.07	4.99	5.00	9.91	9.91	14.66	14.63	20.30	20.38
Middle CH	1.24	1.23	3.06	3.07	5.03	4.99	9.97	9.97	14.63	14.75	20.54	20.66
Highest CH	1.24	1.24	3.05	3.07	5.02	5.00	9.97	9.87	14.60	14.75	20.38	20.38

Mode	LTE Band 4 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.25	3.06	3.07	5.01	4.98	9.95	9.93	14.66	14.60	20.22	20.38
Middle CH	1.24	1.24	3.06	3.07	5.01	5.00	9.93	9.95	14.60	14.75	20.42	20.62
Highest CH	1.24	1.24	3.06	3.07	4.99	5.01	9.93	9.95	14.72	14.63	20.26	20.30

Mode	LTE Band 5 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.25	1.23	3.06	3.07	5.01	4.98	9.93	9.87	-	-	-	-
Middle CH	1.24	1.23	3.06	3.07	5.00	4.98	9.99	9.97	-	-	-	-
Highest CH	1.24	1.24	3.05	3.06	4.98	4.99	9.85	9.93	-	-	-	-

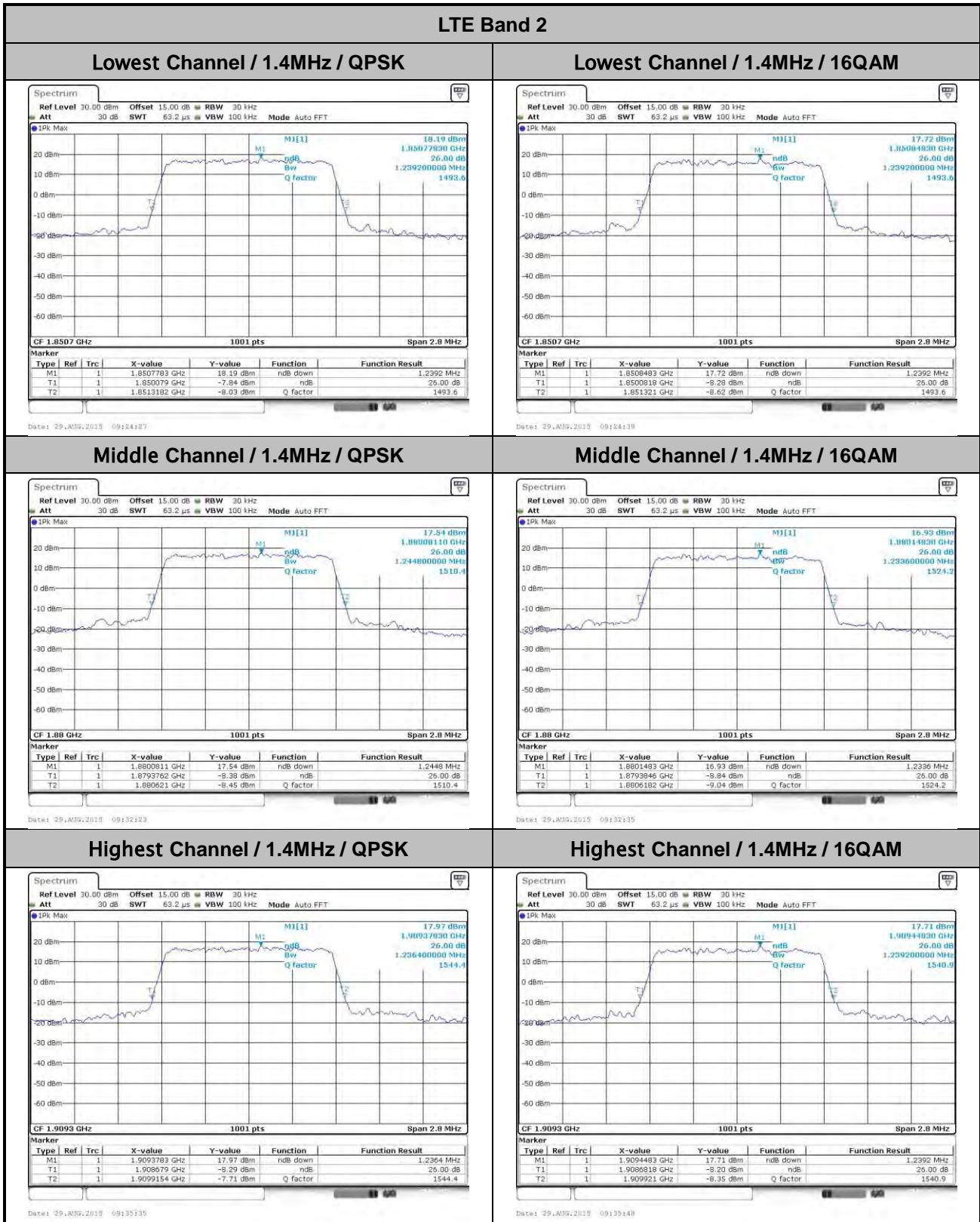
Mode	LTE Band 12 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.23	3.06	3.07	4.98	5.00	9.89	9.89	-	-	-	-
Middle CH	1.23	1.24	3.06	3.06	4.98	4.99	9.85	9.89	-	-	-	-
Highest CH	1.24	1.23	3.06	3.06	5.01	5.00	9.97	9.85	-	-	-	-

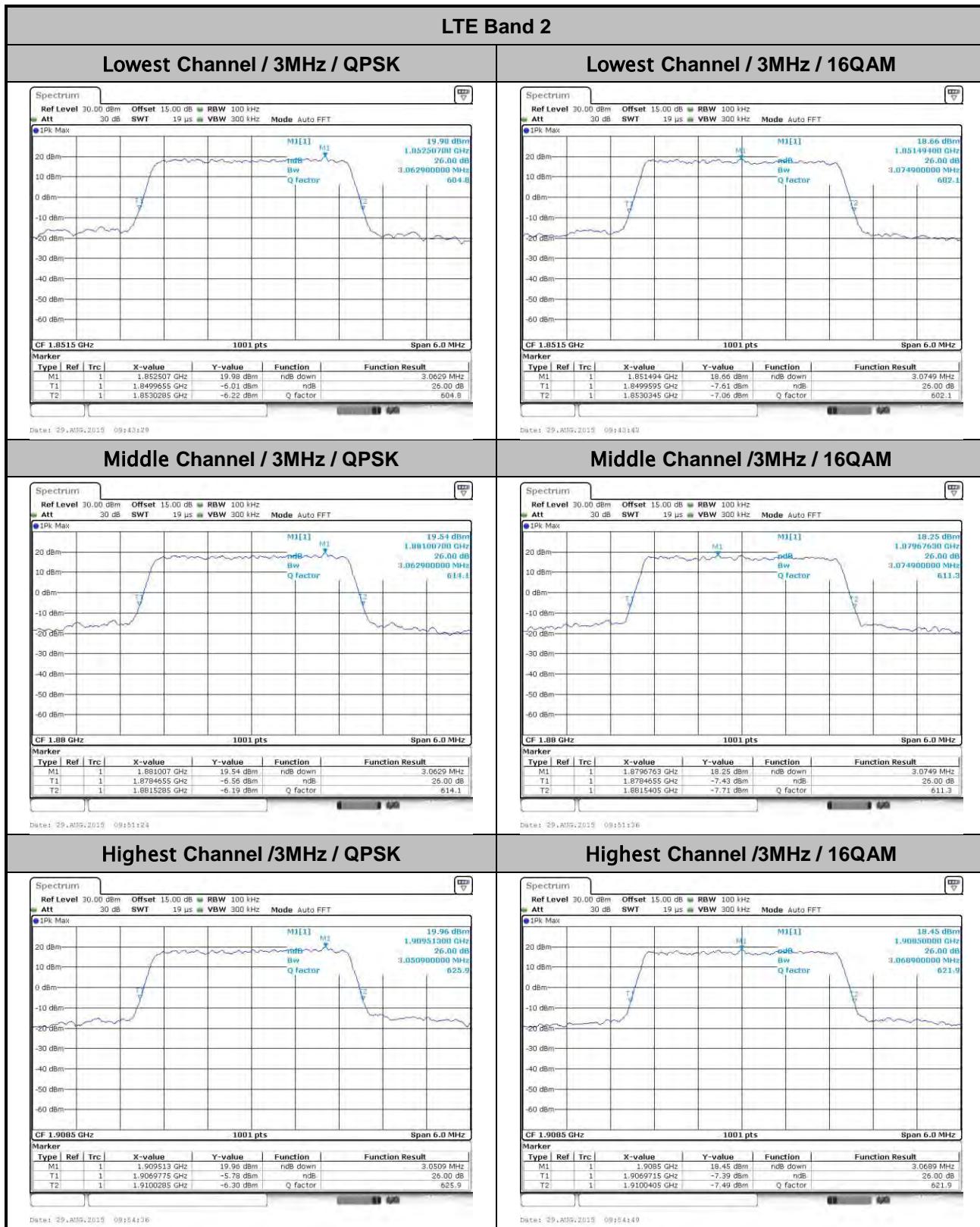


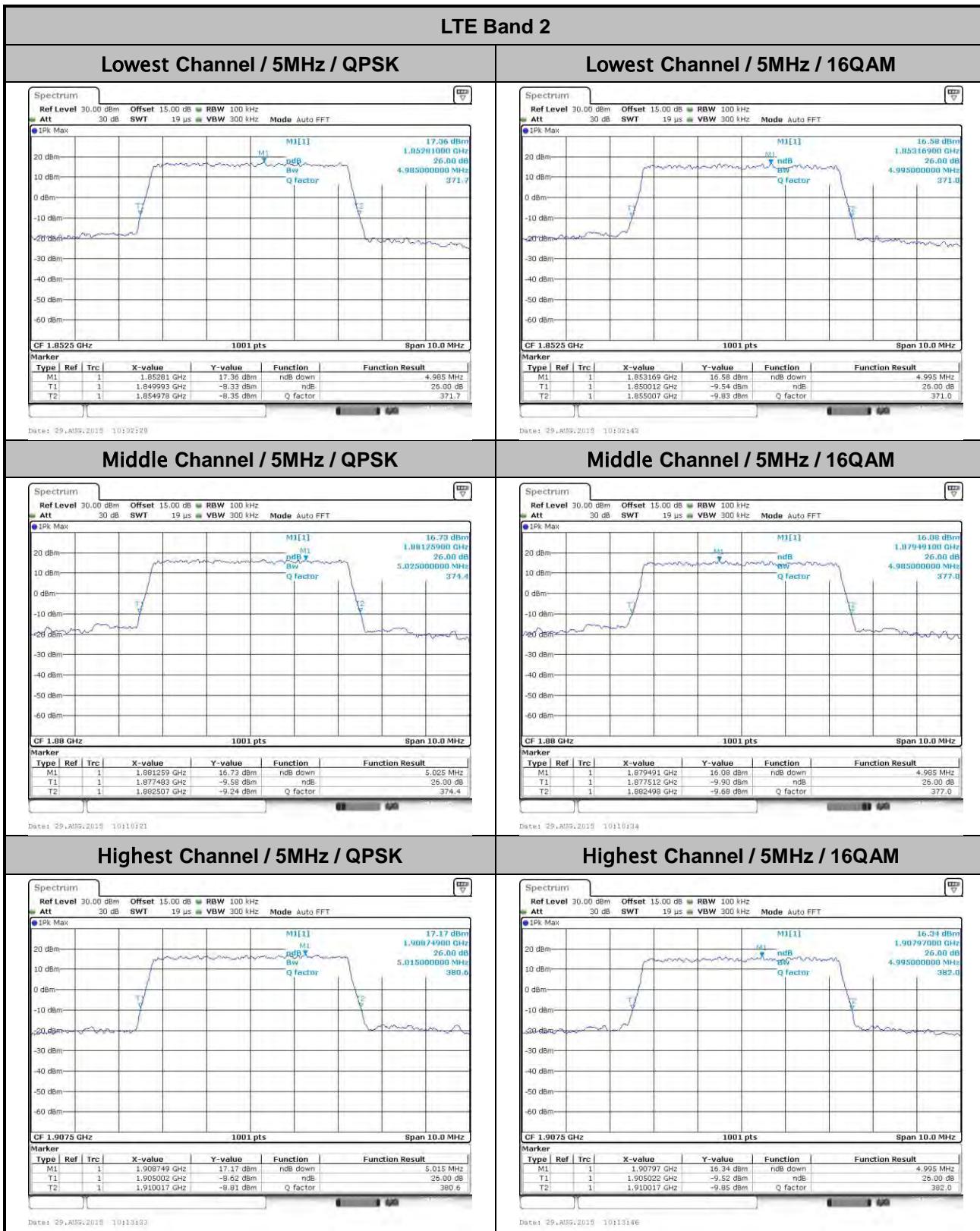
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.97	4.97	9.95	9.89	-	-	-	-
Middle CH	-	-	-	-	5.01	5.02	9.95	9.93	-	-	-	-
Highest CH	-	-	-	-	5.01	5.01	9.91	9.87	-	-	-	-

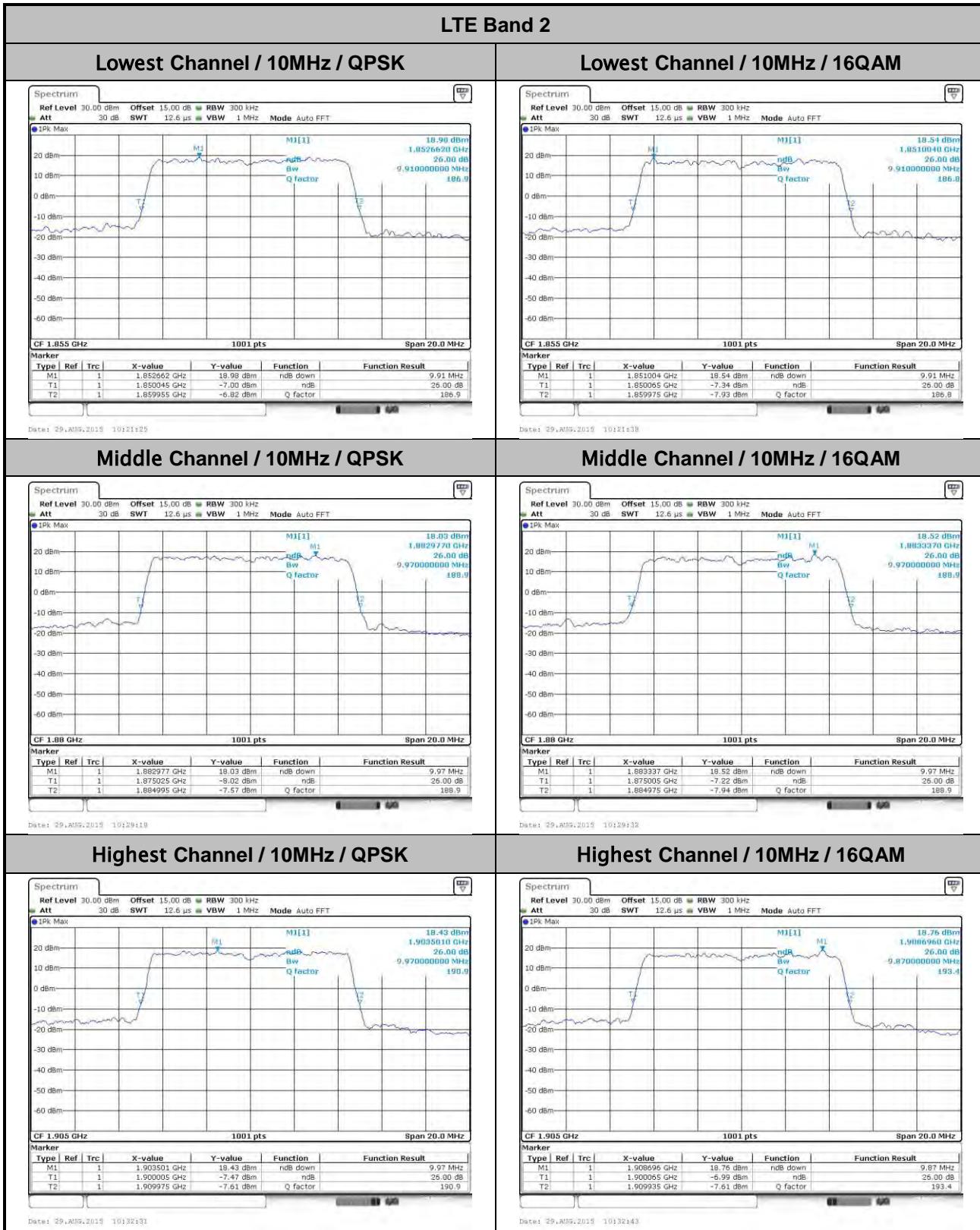
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.24	3.06	3.07	5.01	4.98	9.95	9.91	14.69	14.66	20.22	20.34
Middle CH	1.24	1.24	3.07	3.07	5.03	4.98	9.97	9.97	14.72	14.69	20.66	20.26
Highest CH	1.24	1.24	3.07	3.07	5.00	4.98	9.85	9.89	14.60	14.66	20.42	20.50

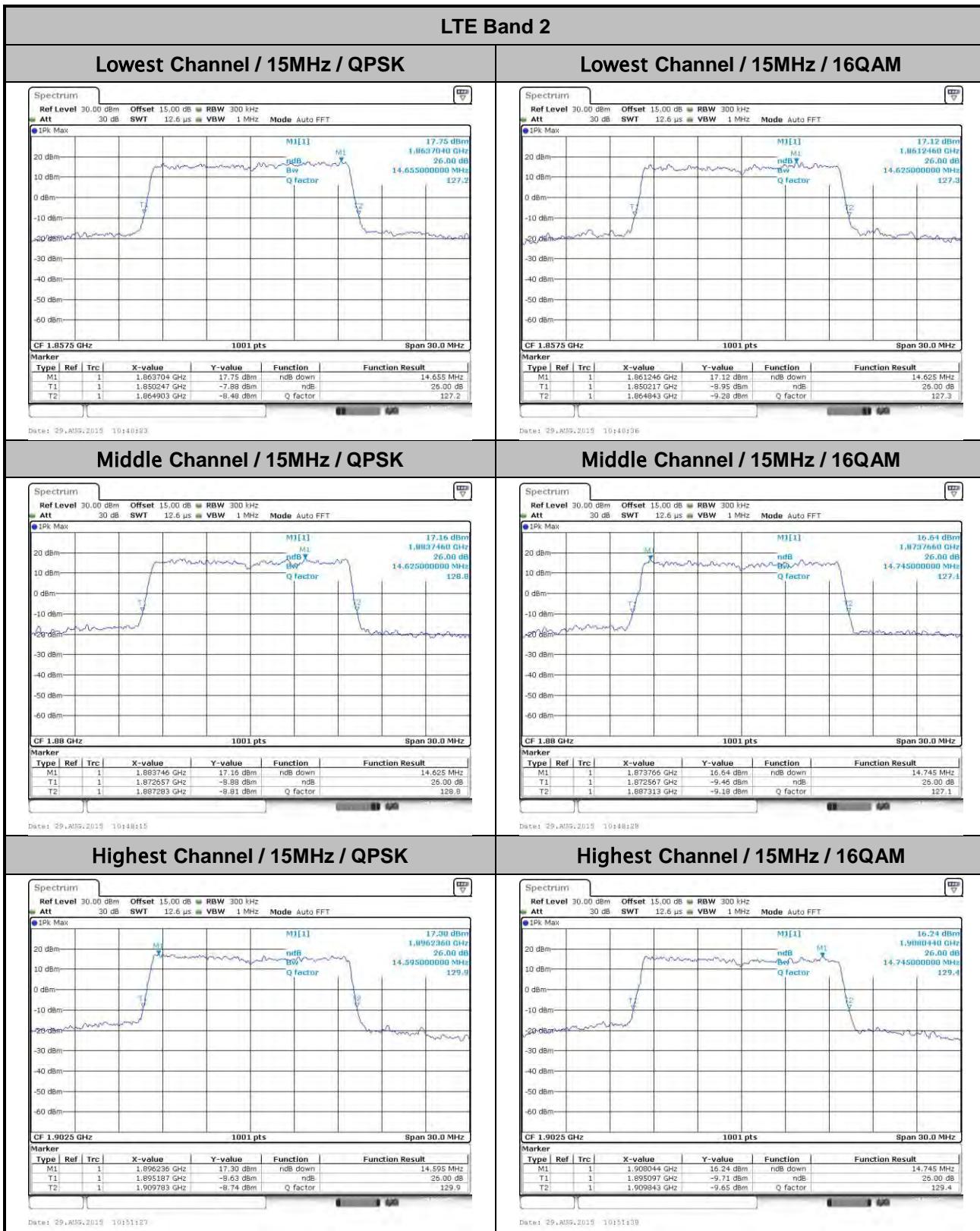
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		Ch26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	QPSK	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.23	3.05	3.07	5.01	4.98	9.93	9.89	14.57	14.72	14.54	14.36
Middle CH	1.24	1.23	3.06	3.07	5.00	4.98	9.93	9.89	14.63	14.57	-	-
Highest CH	1.24	1.24	3.06	3.07	5.00	4.99	9.93	9.93	14.60	14.66	-	-

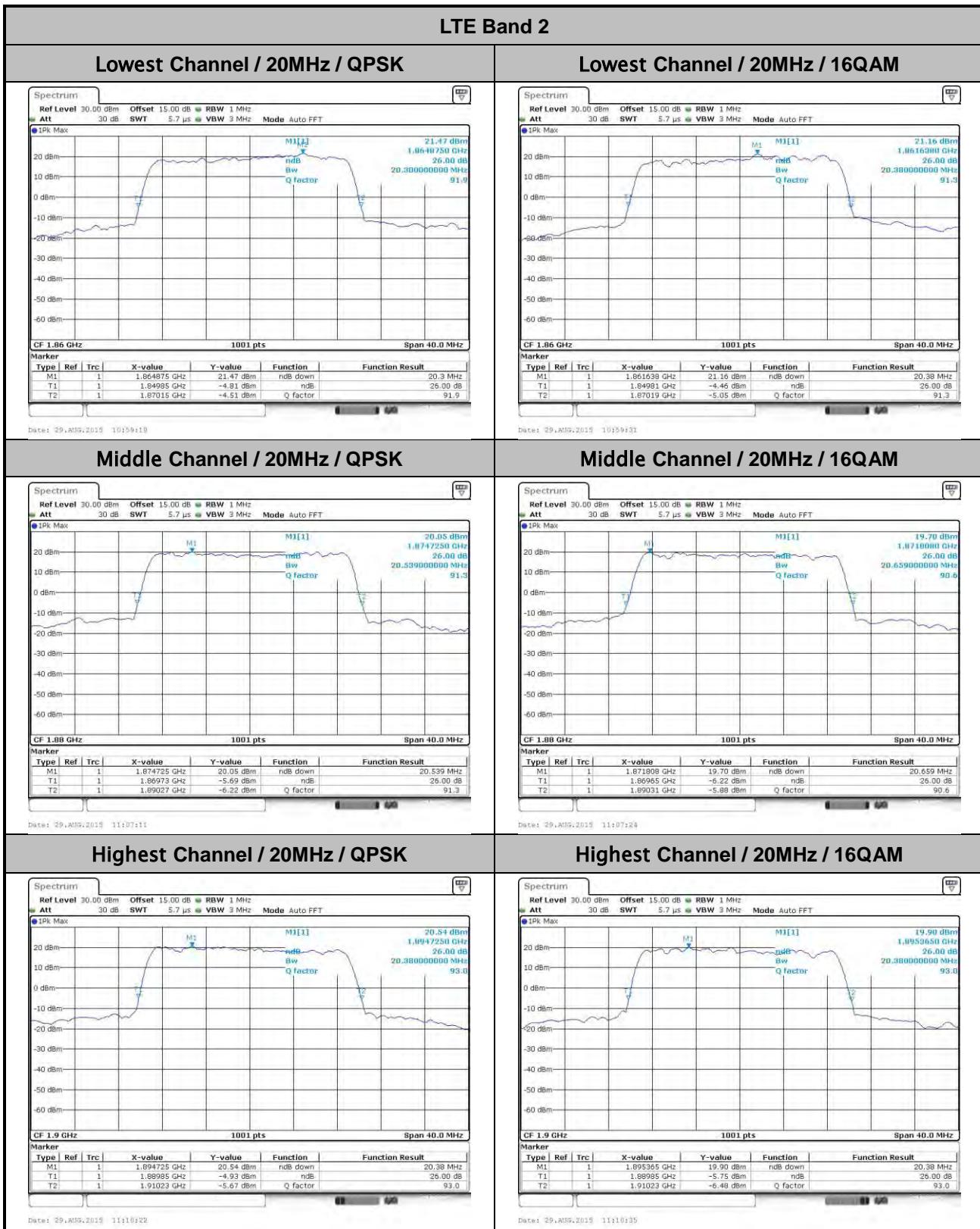


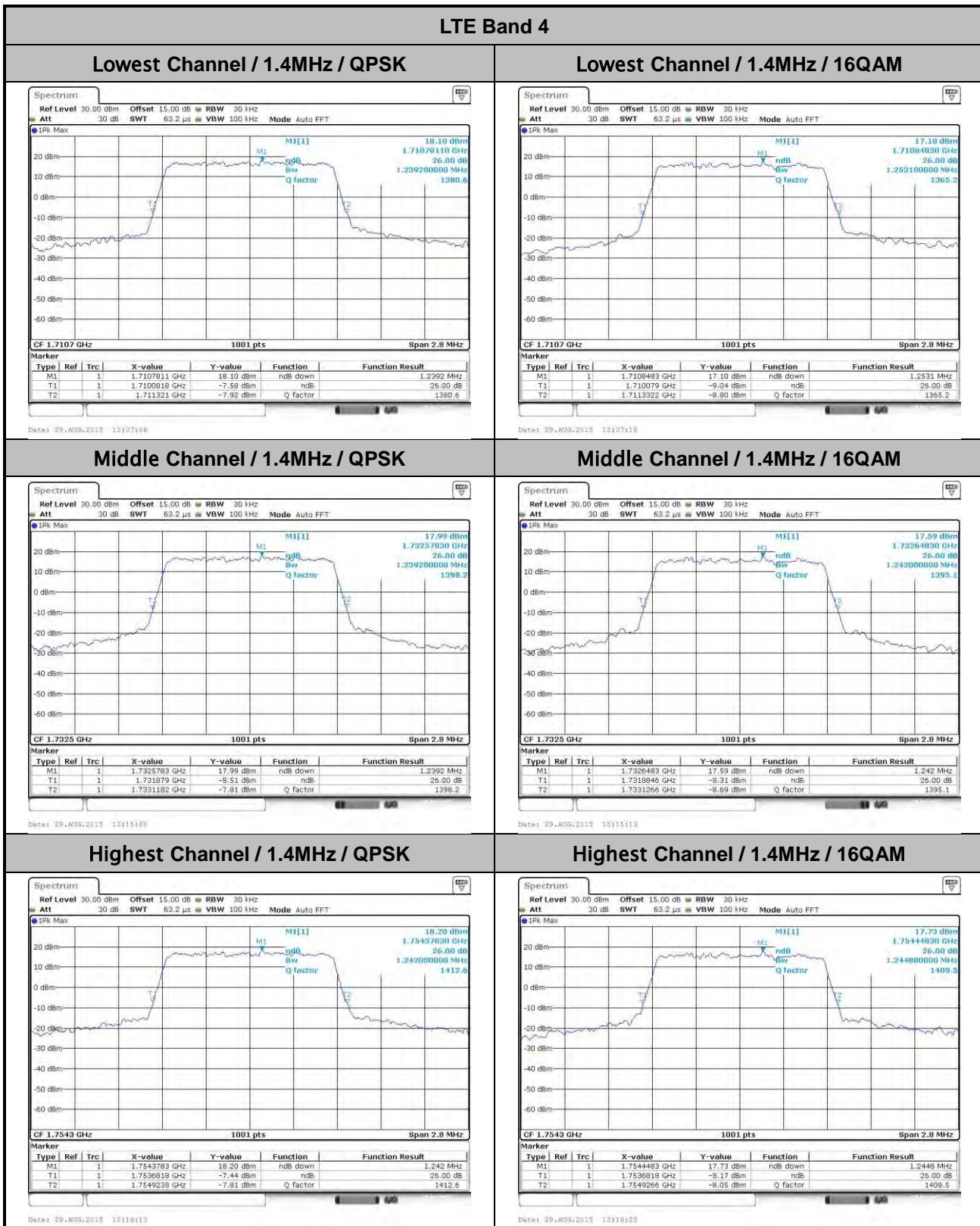


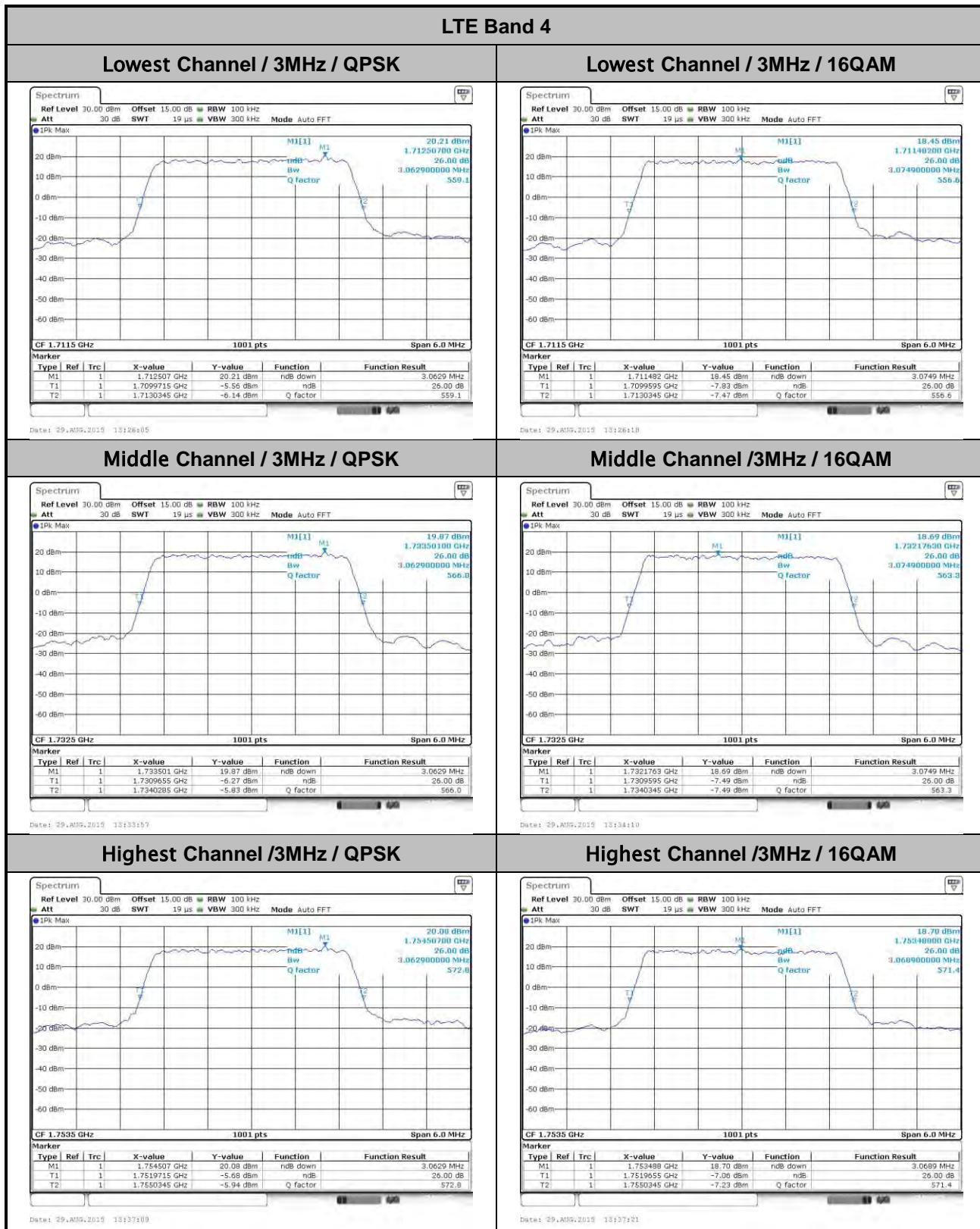


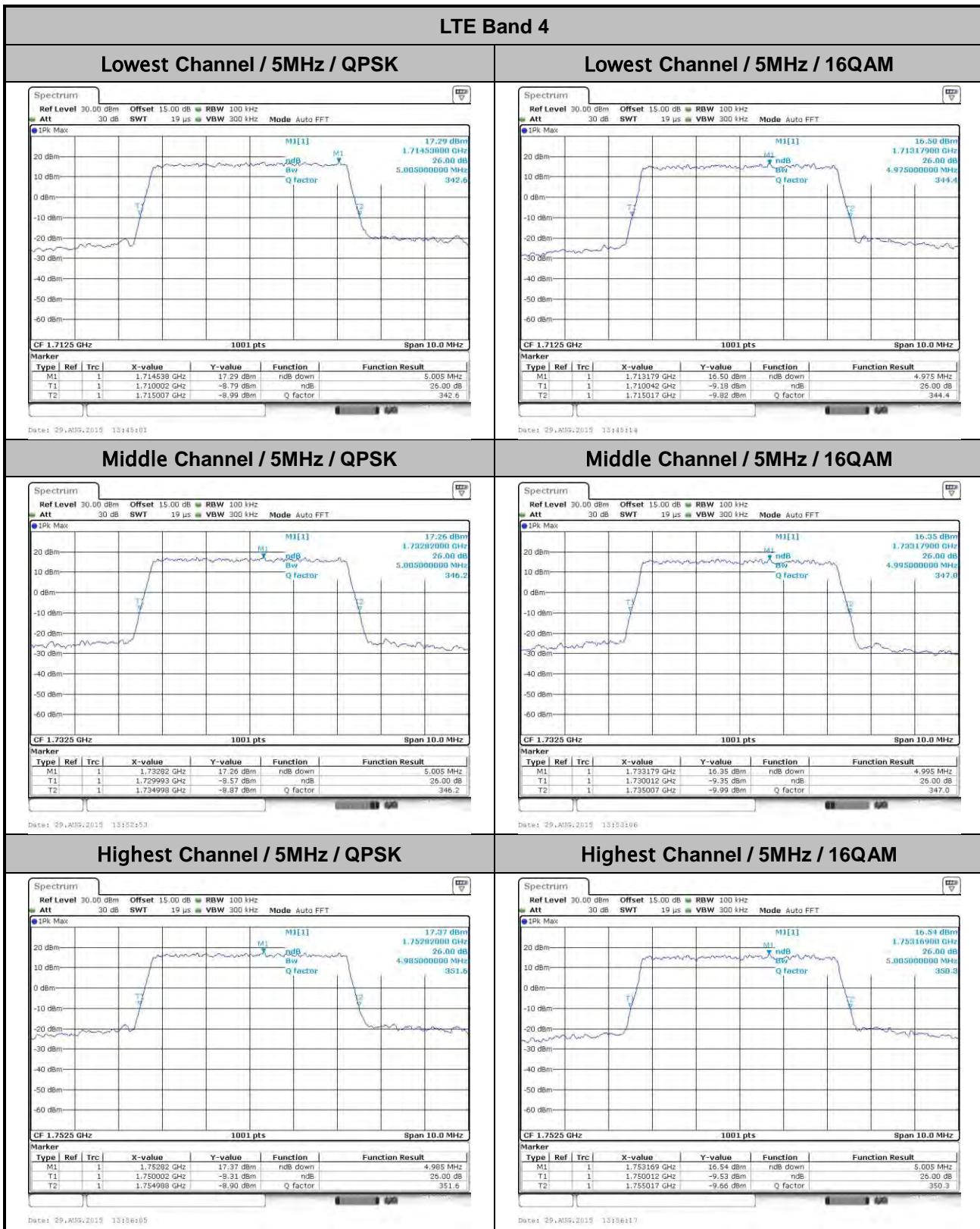


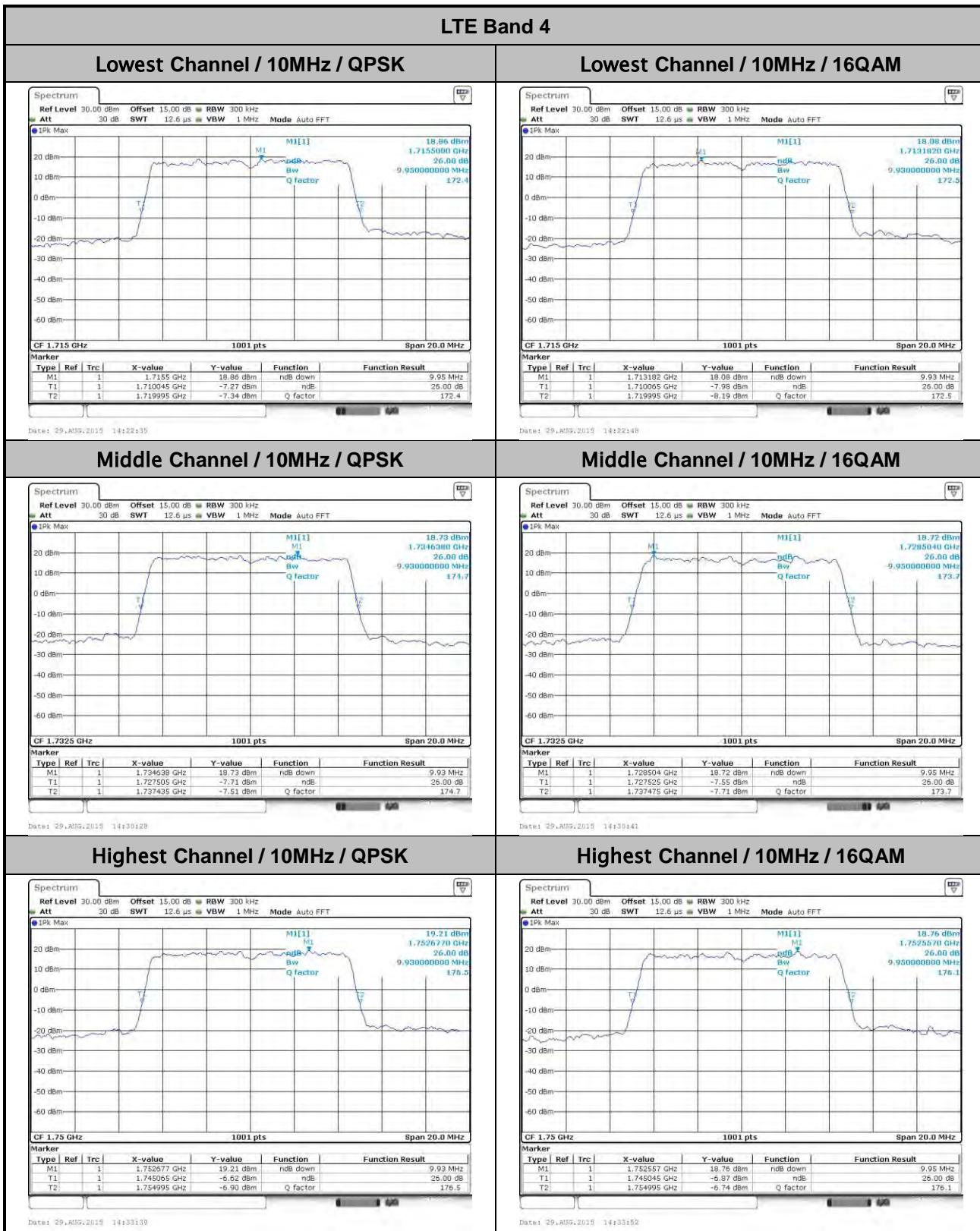


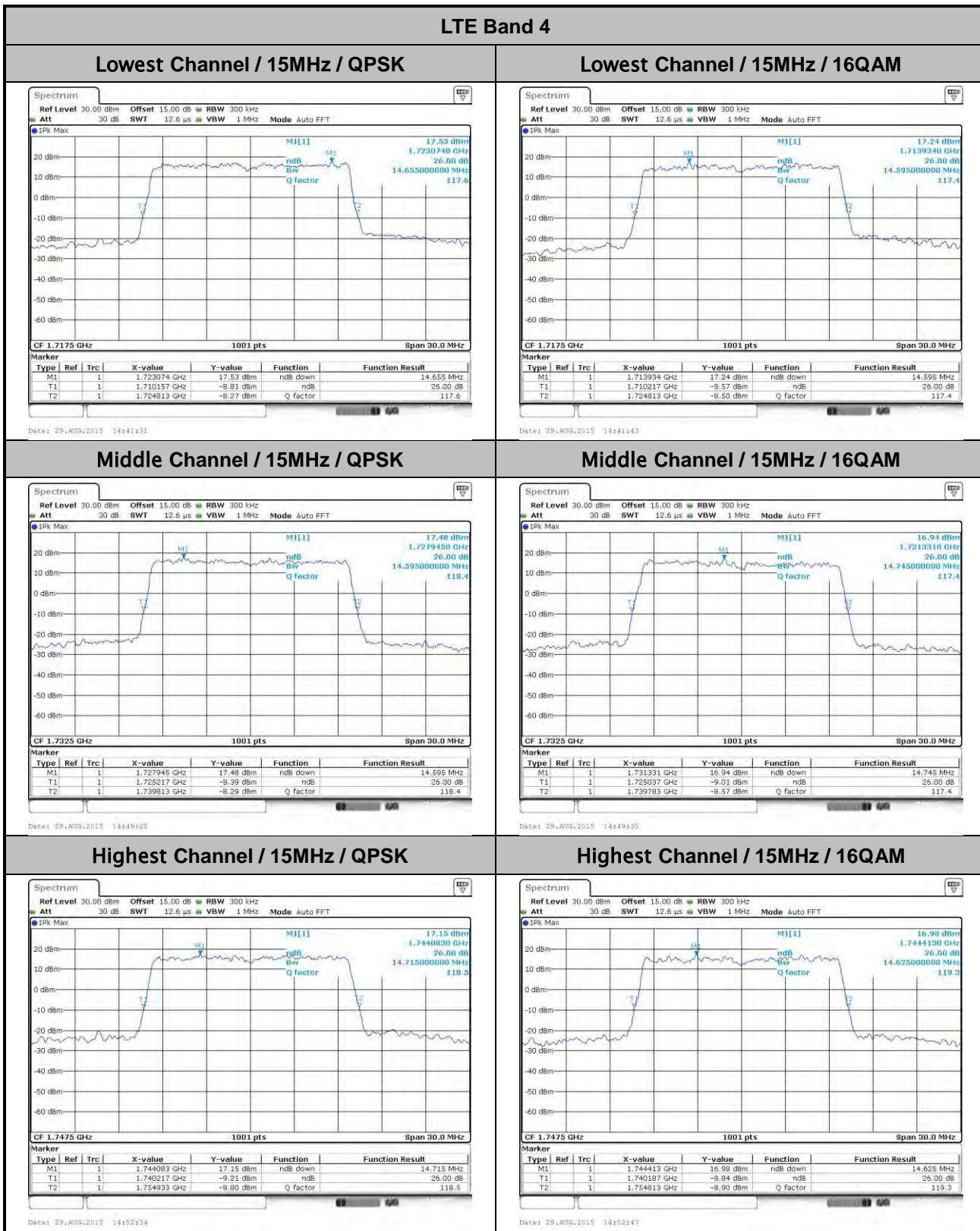


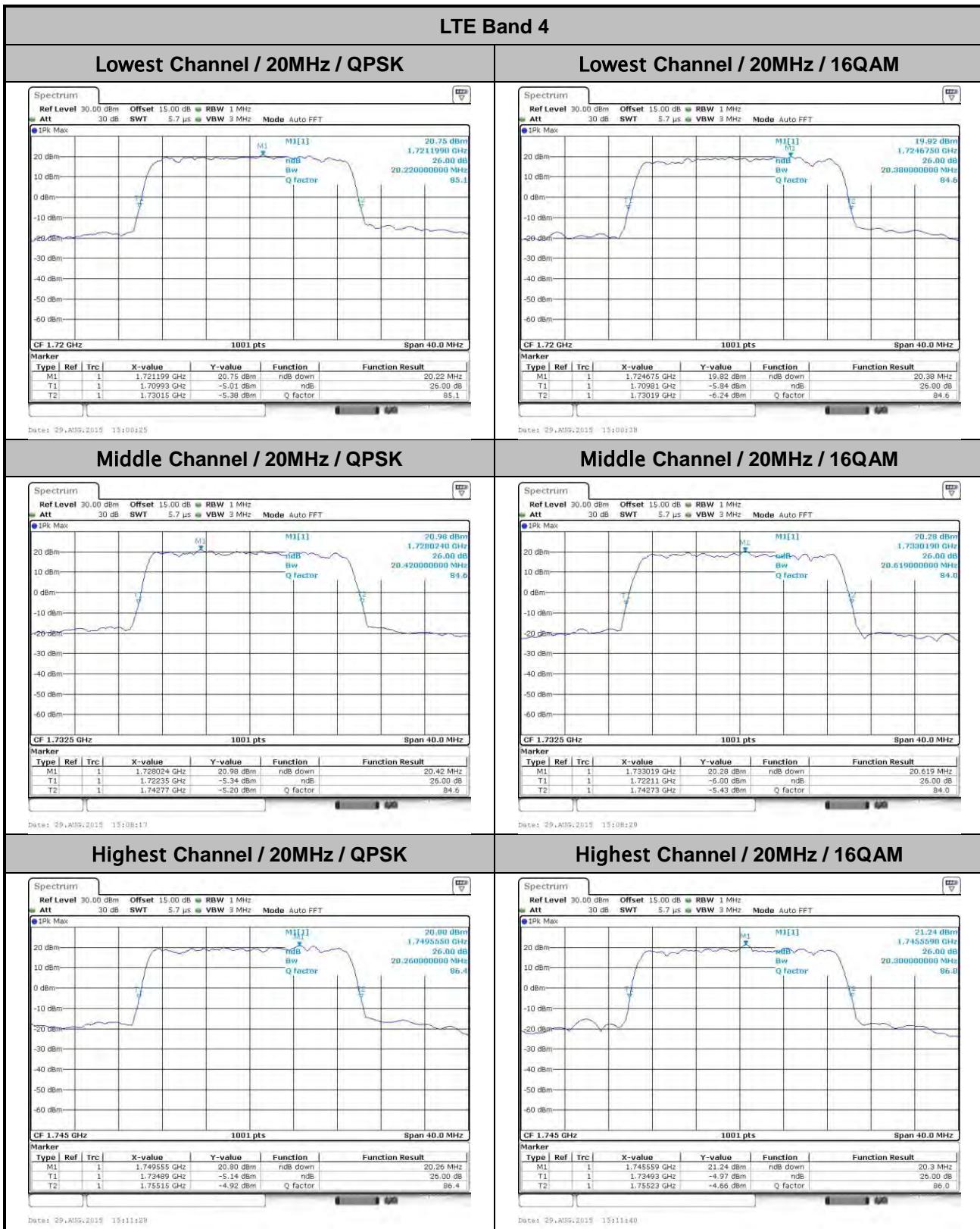


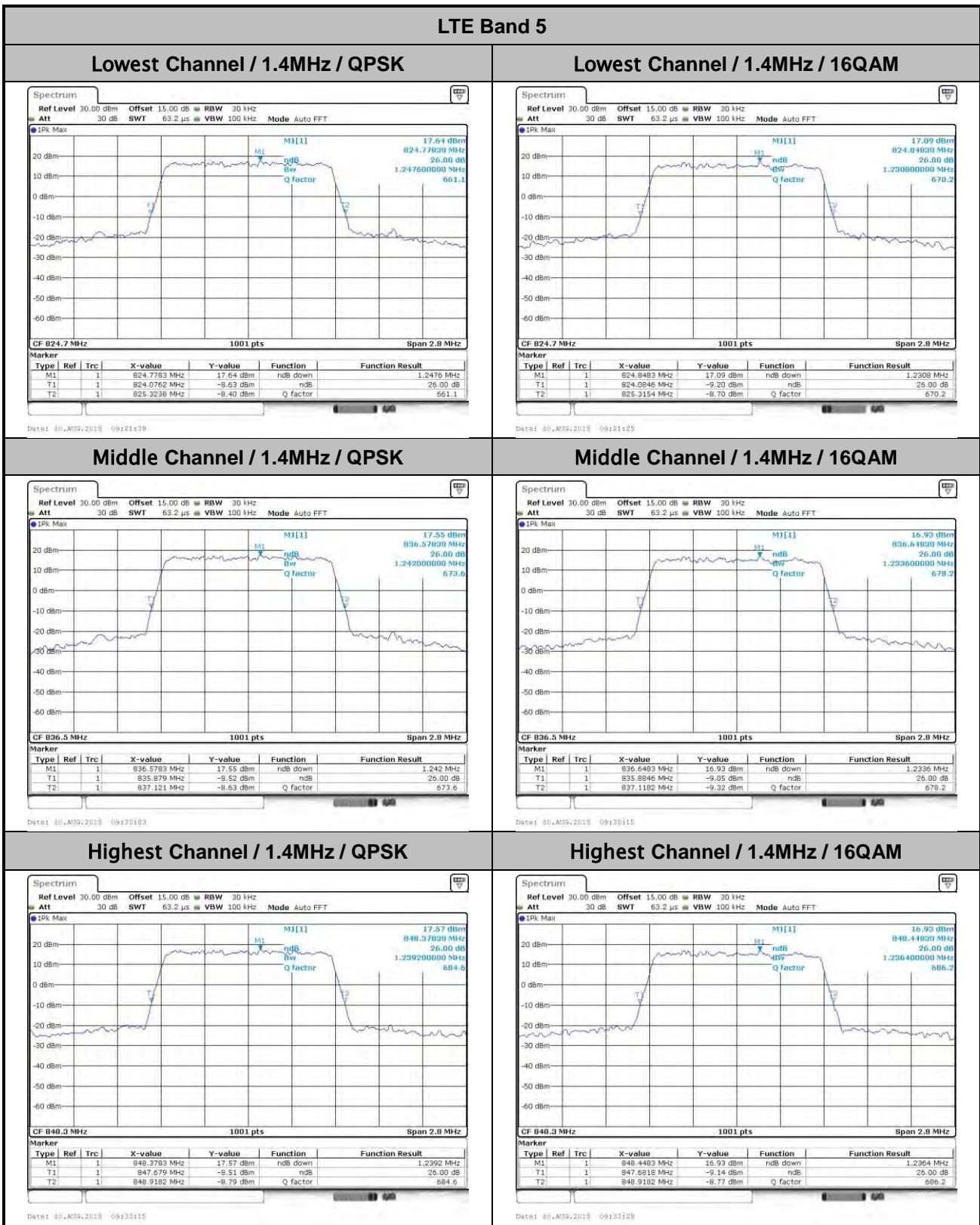


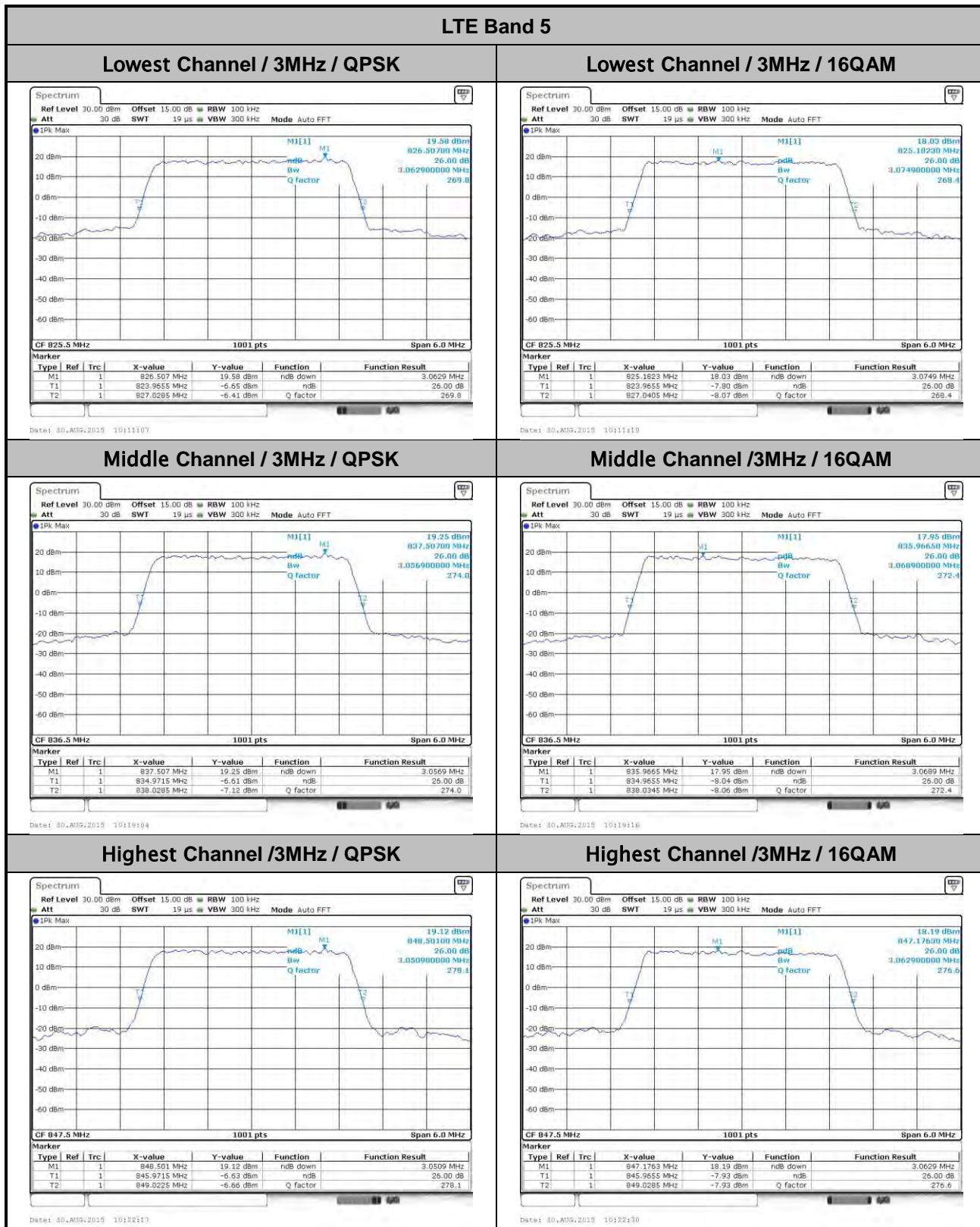


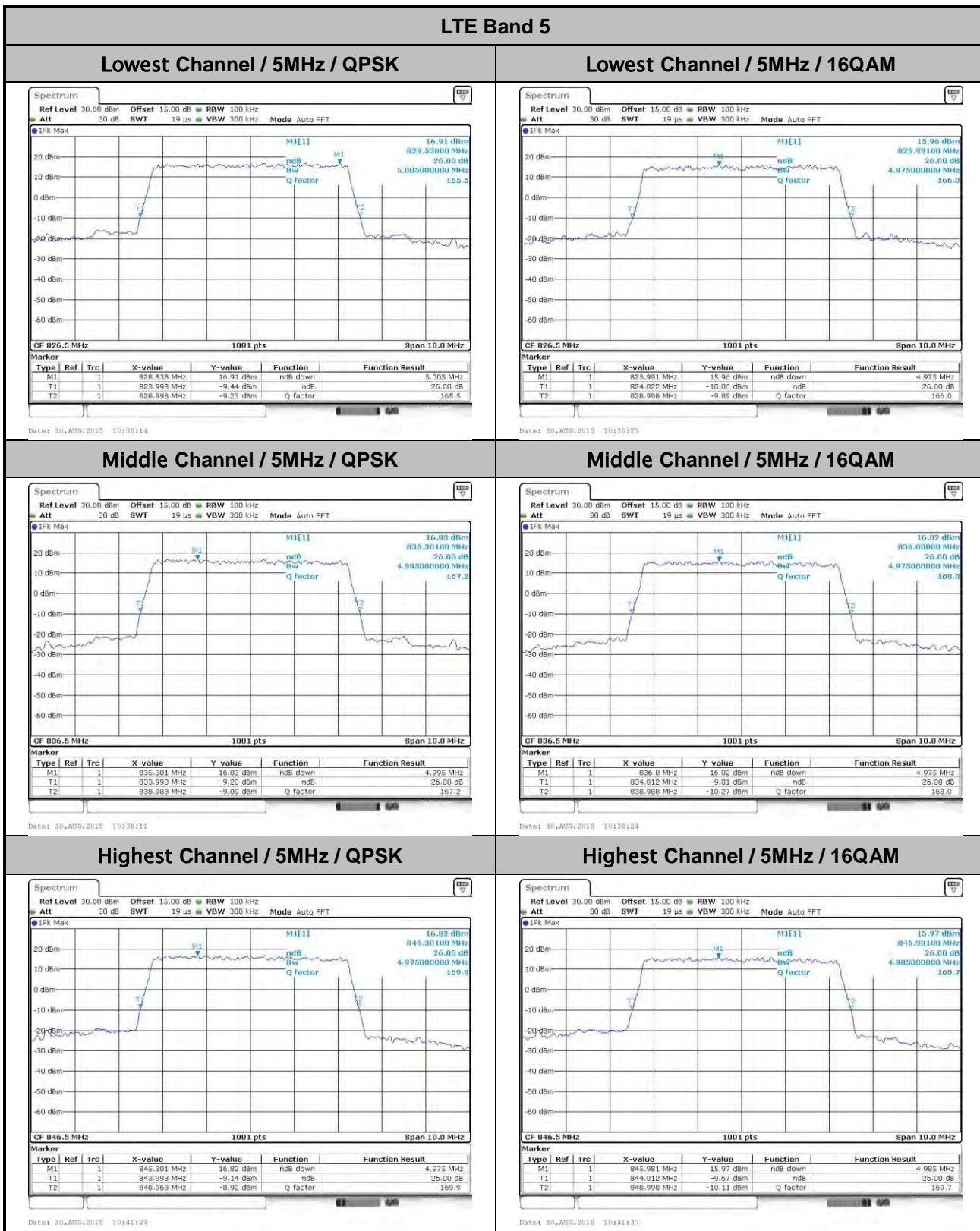


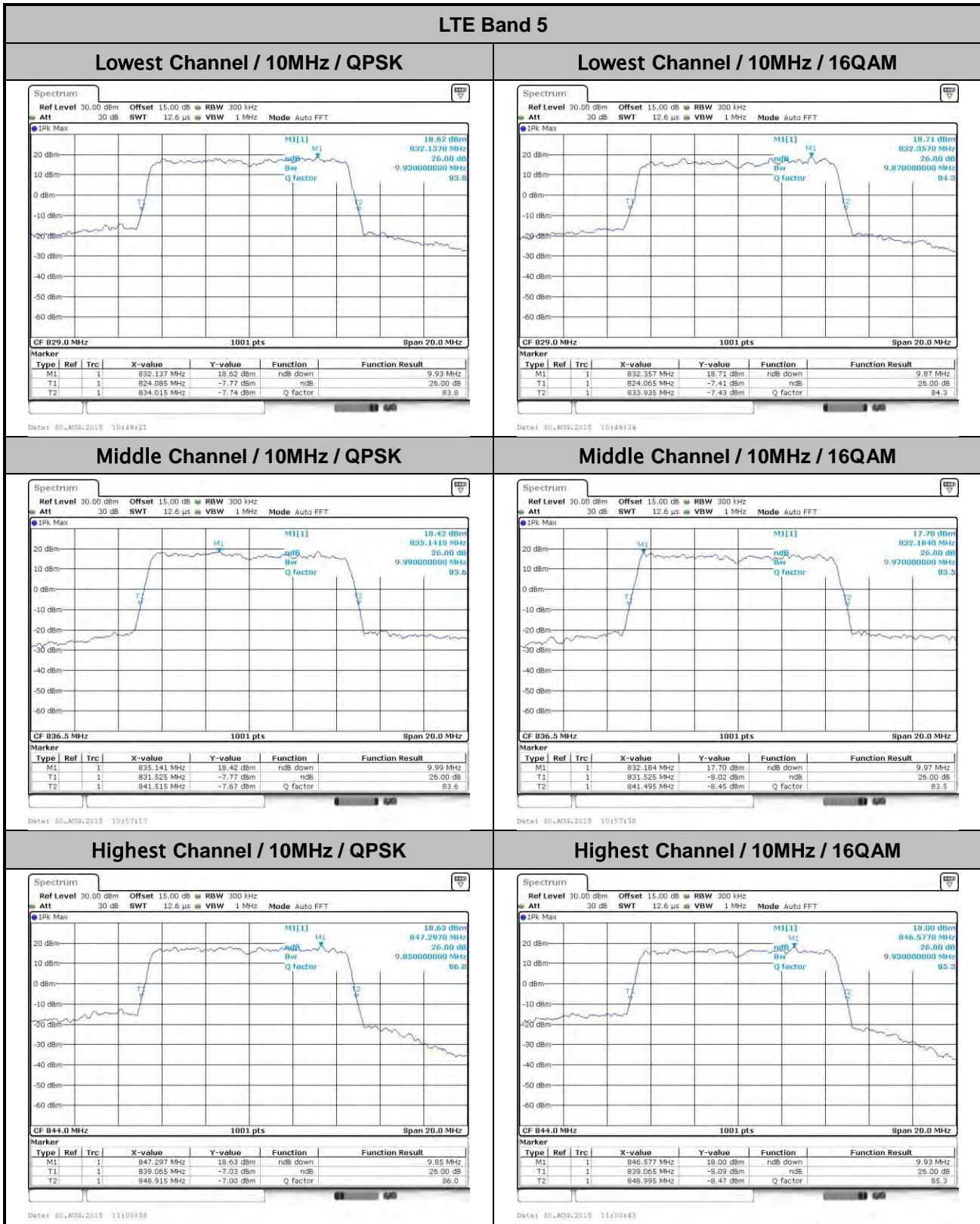


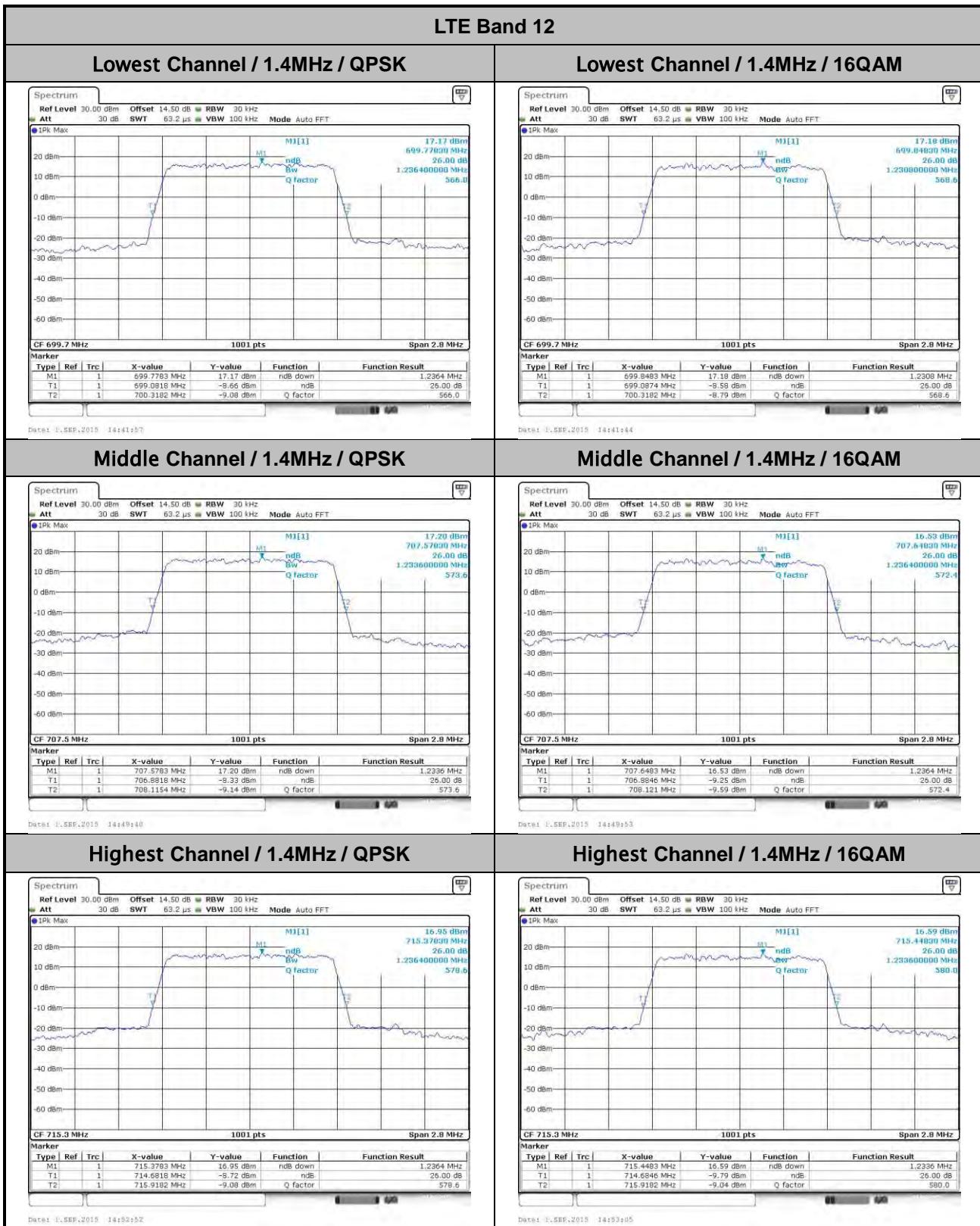


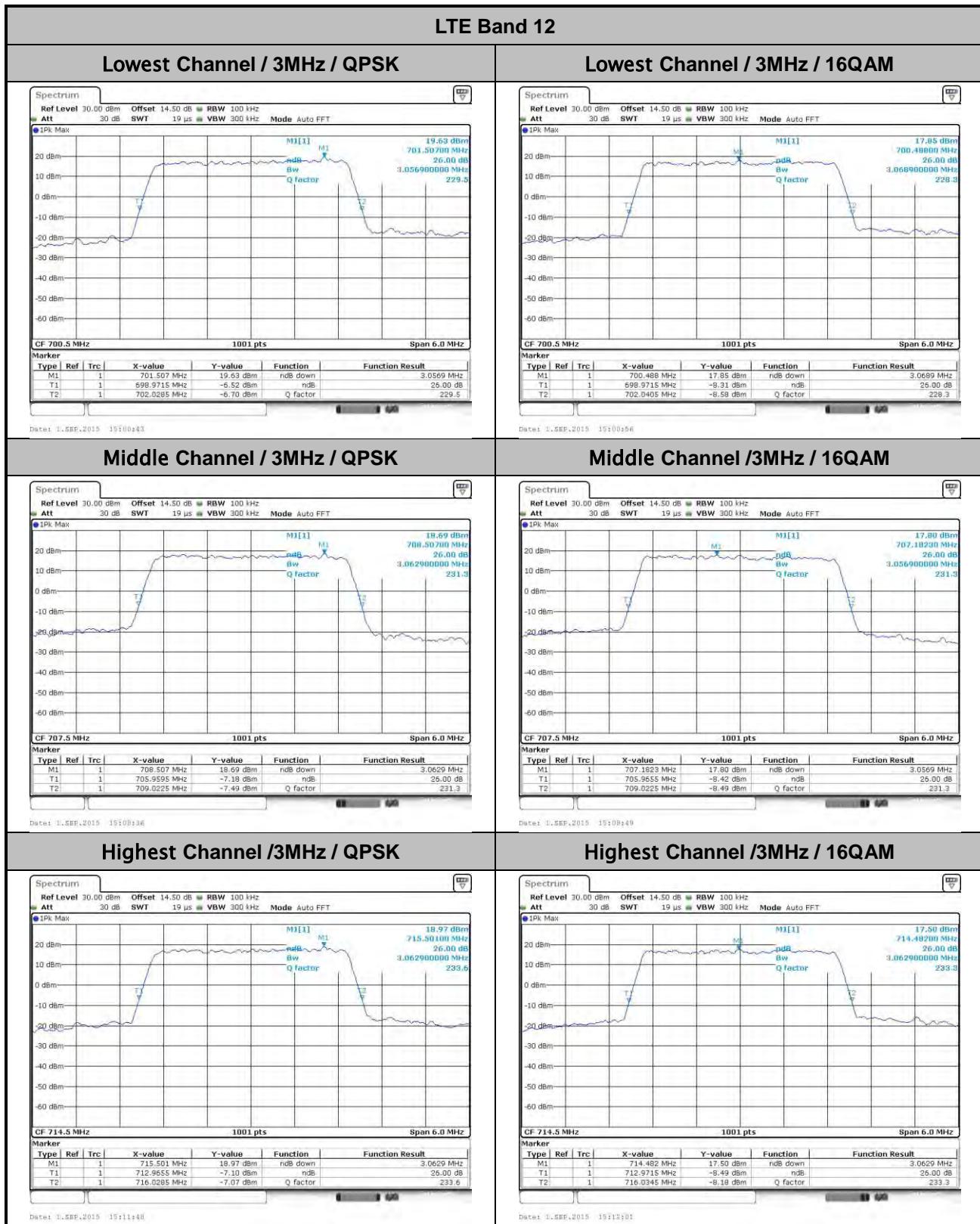


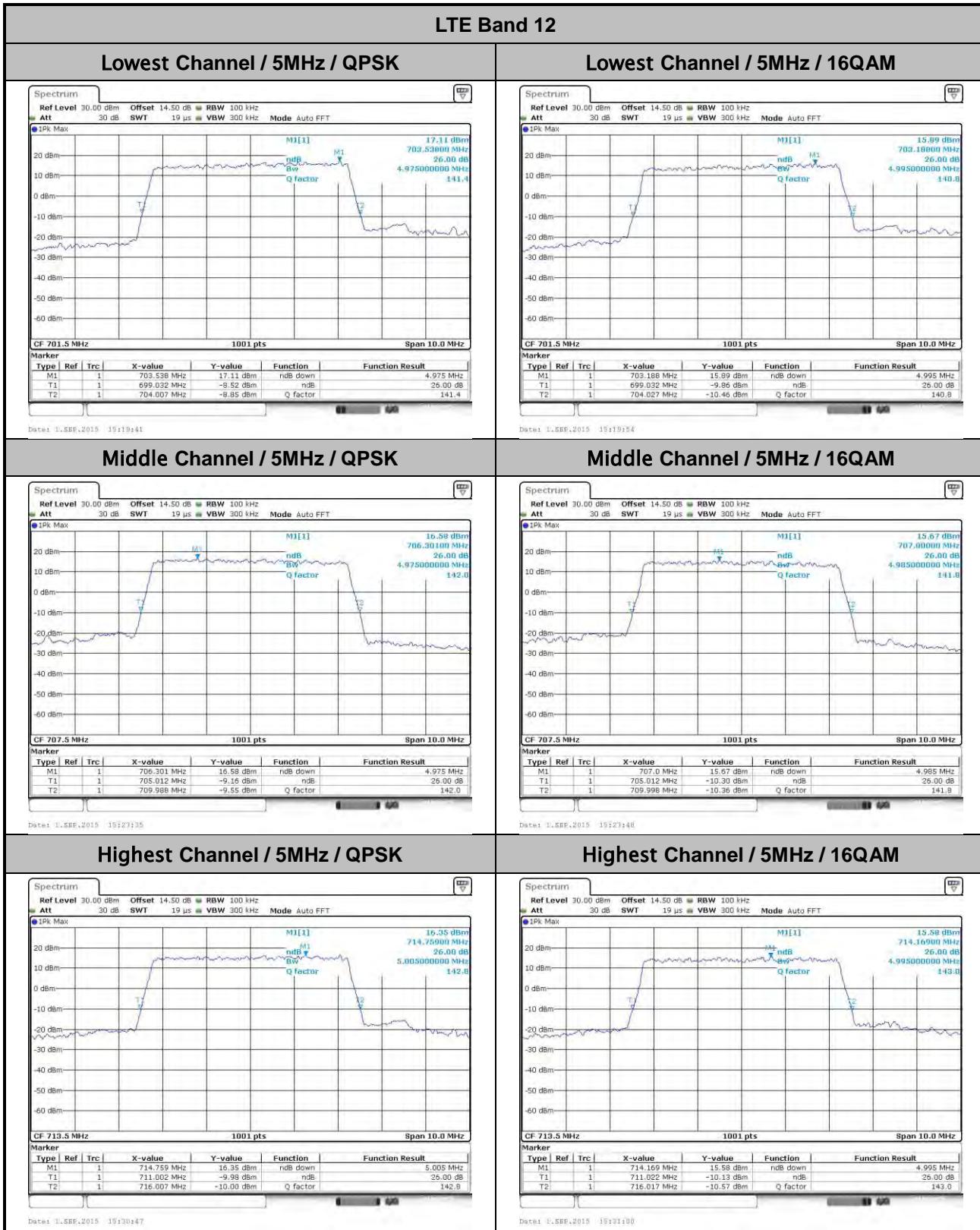


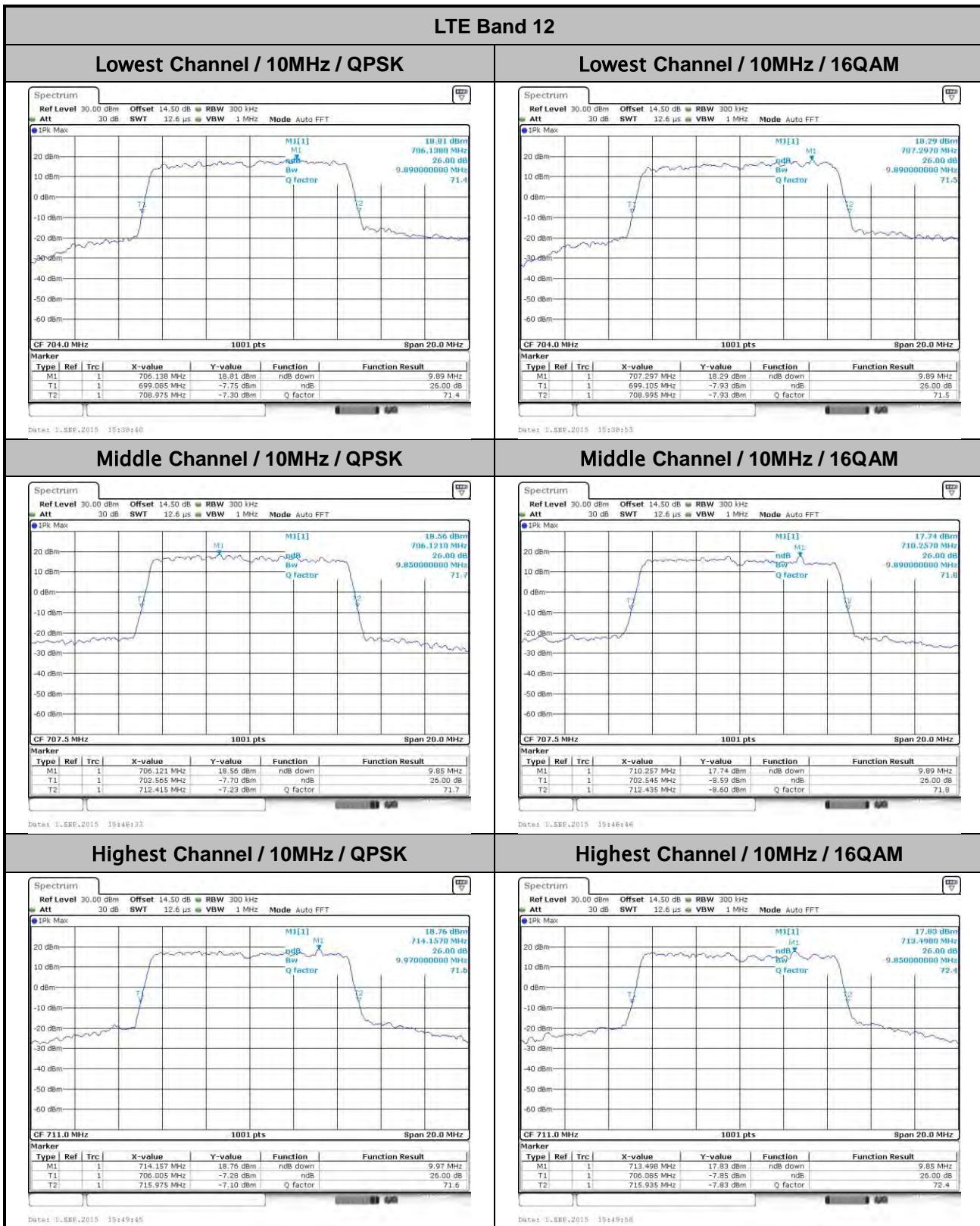


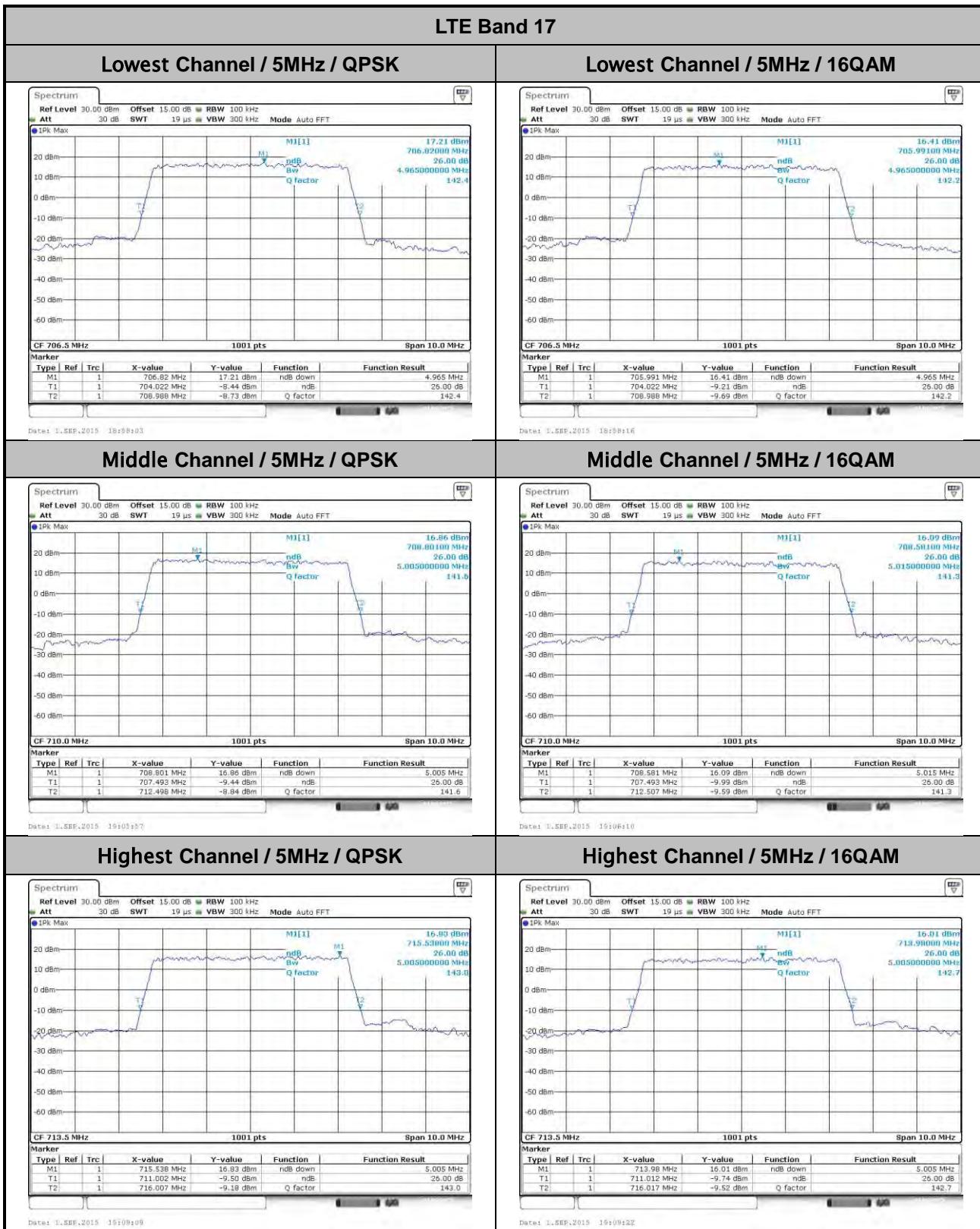


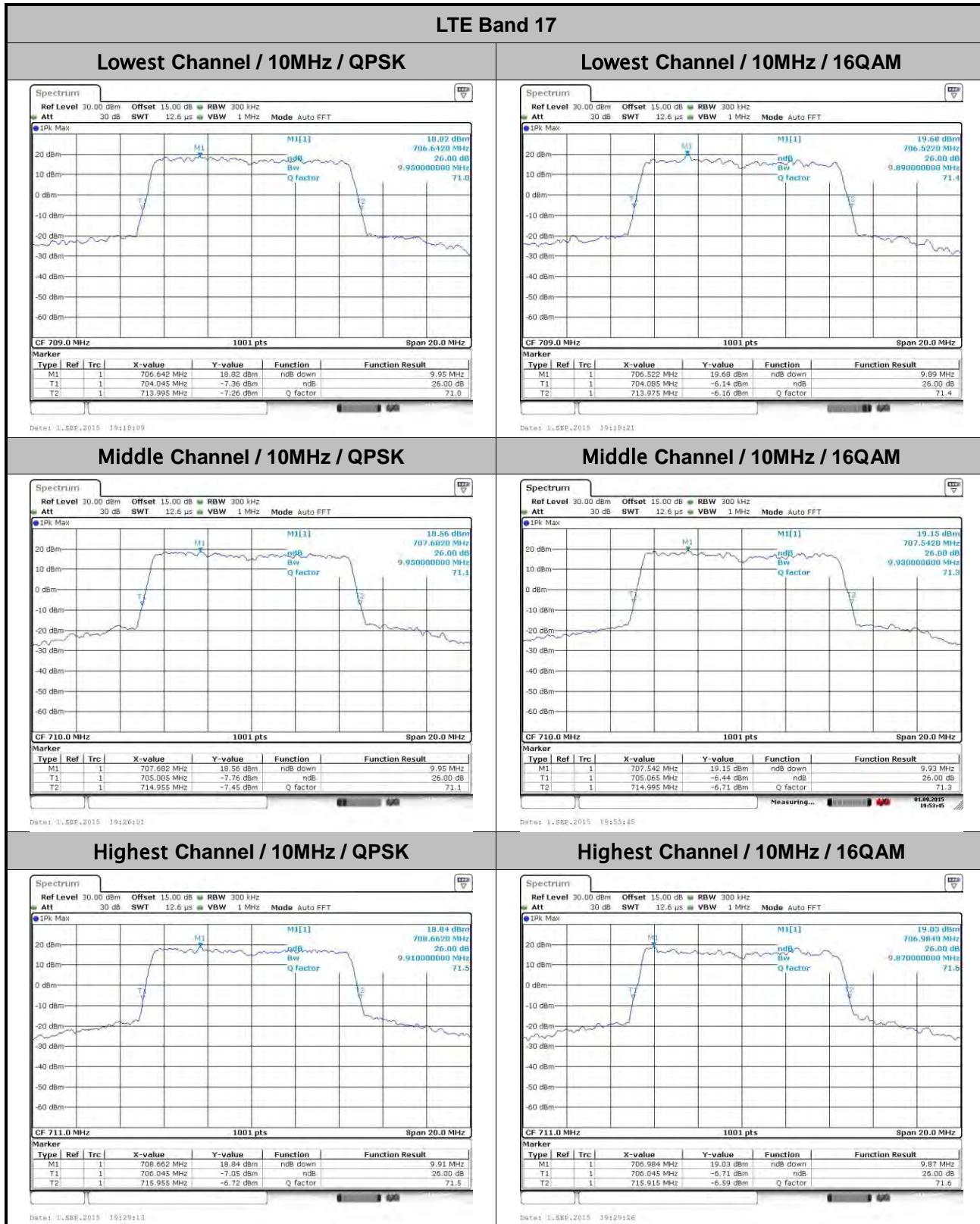


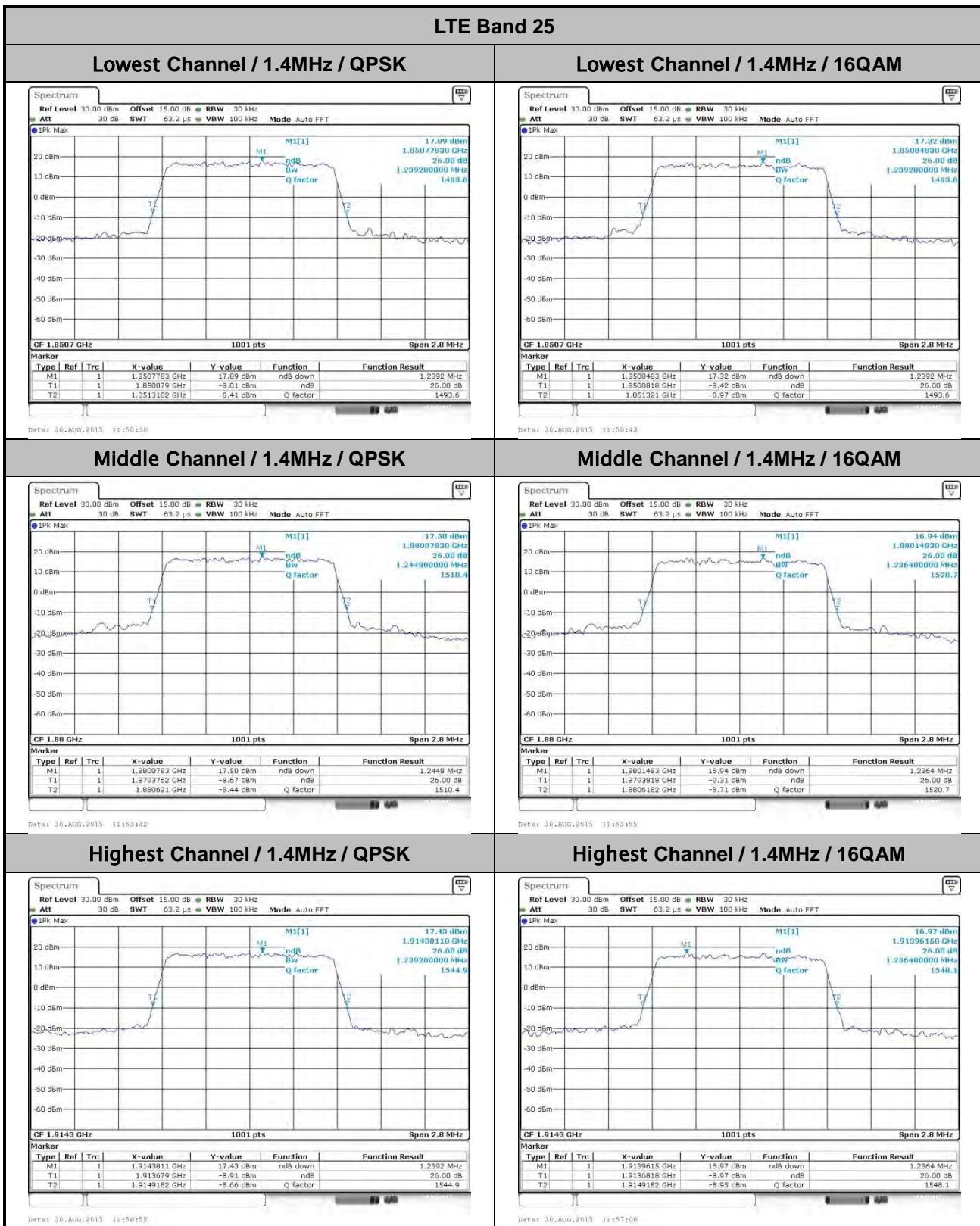


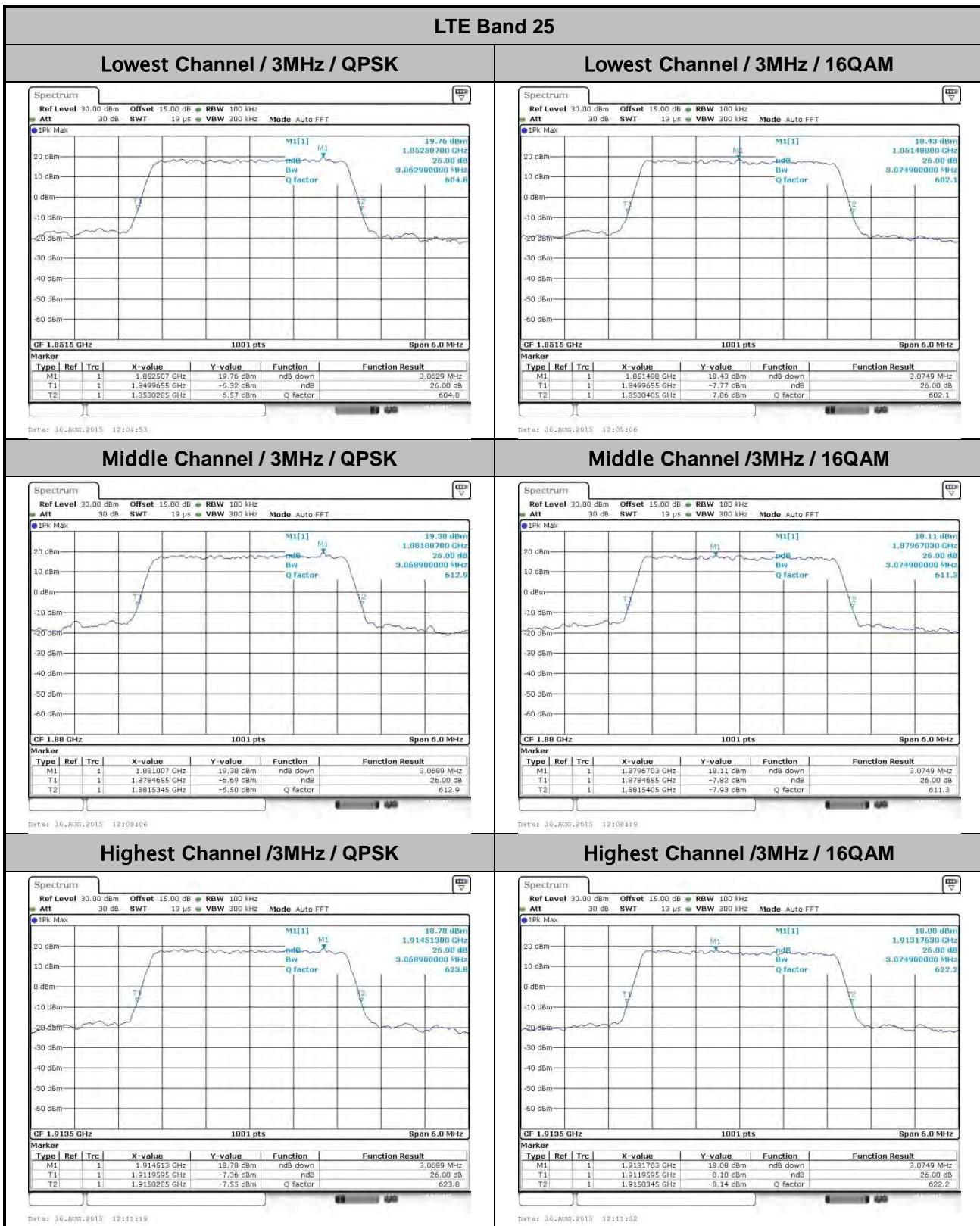


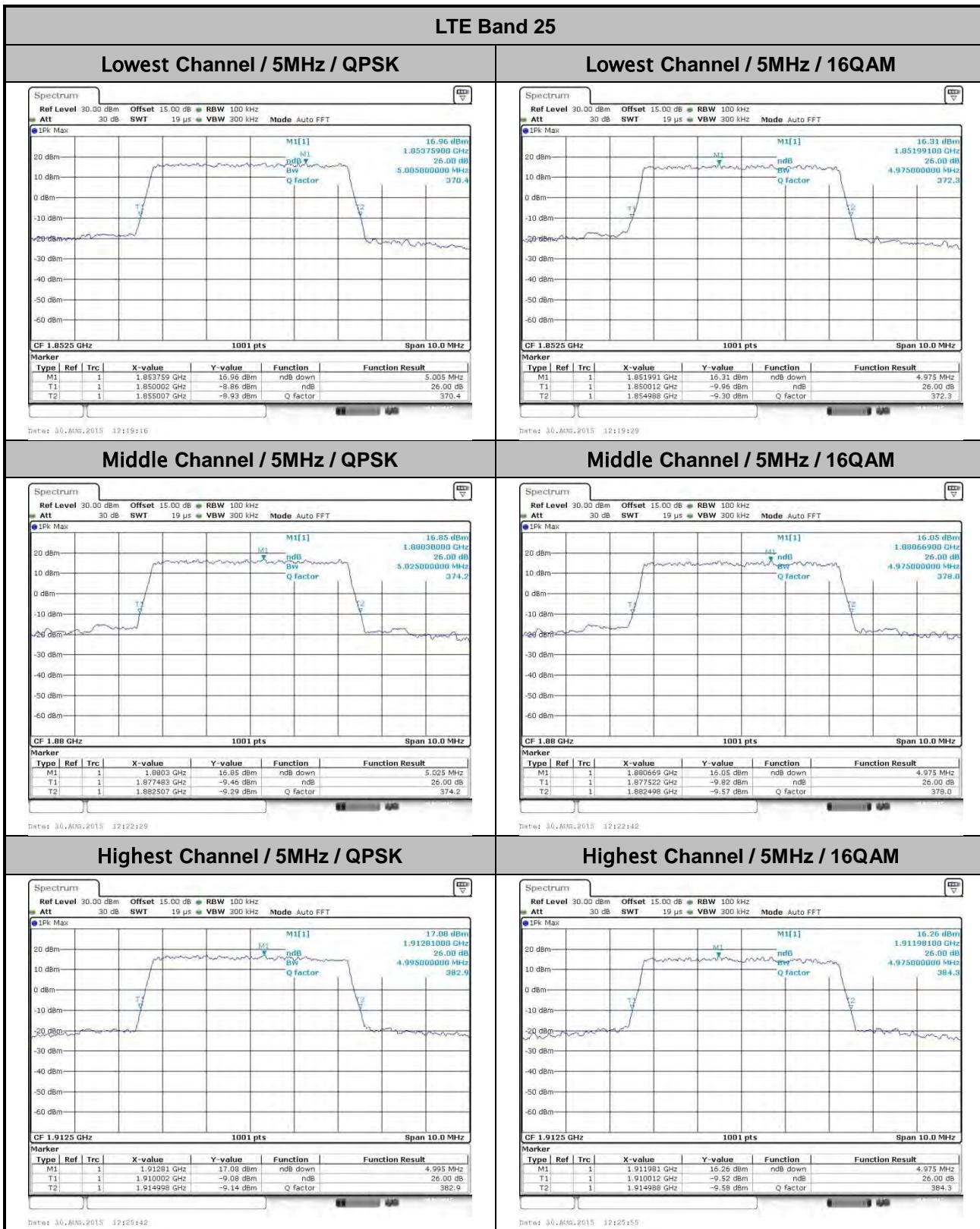


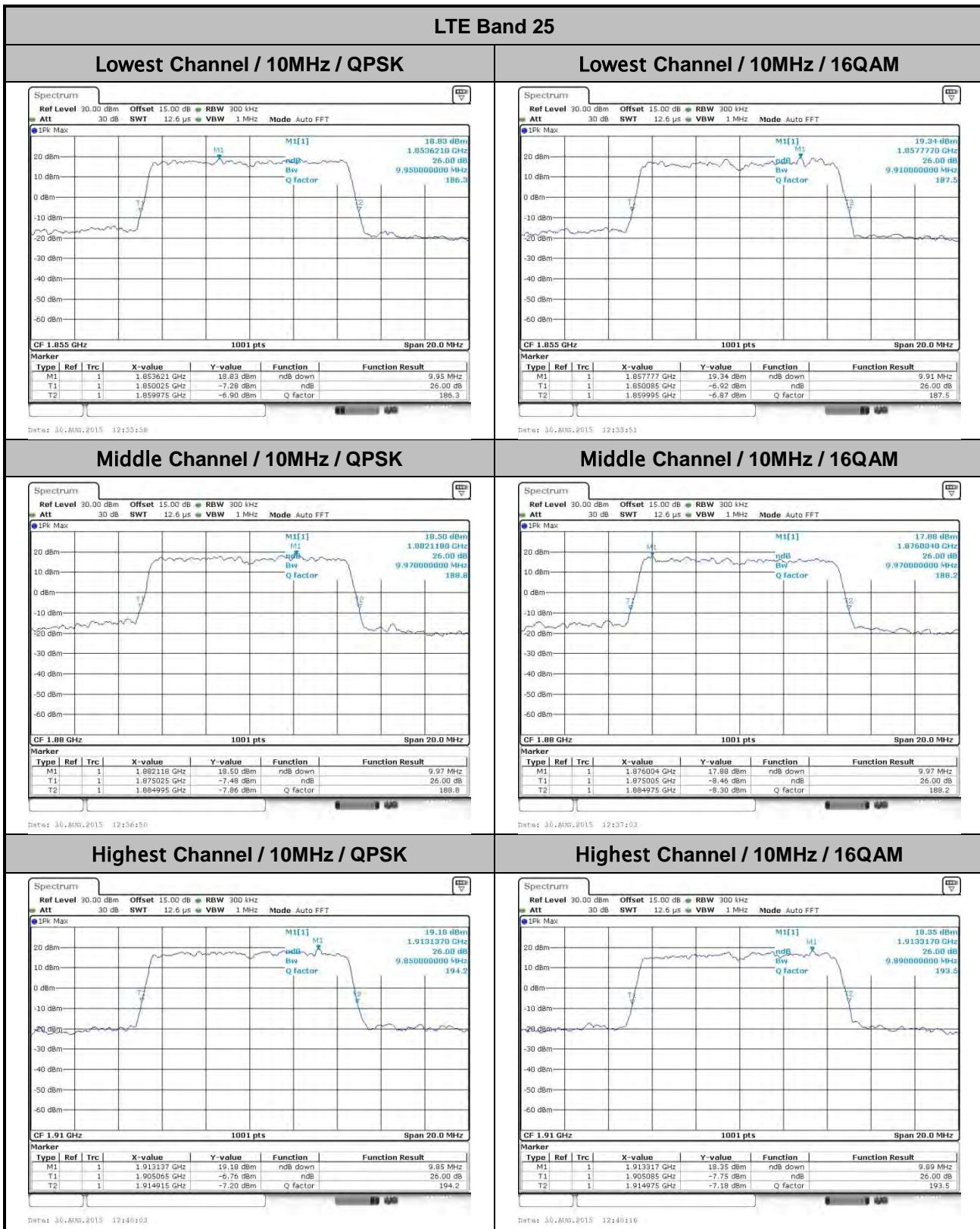


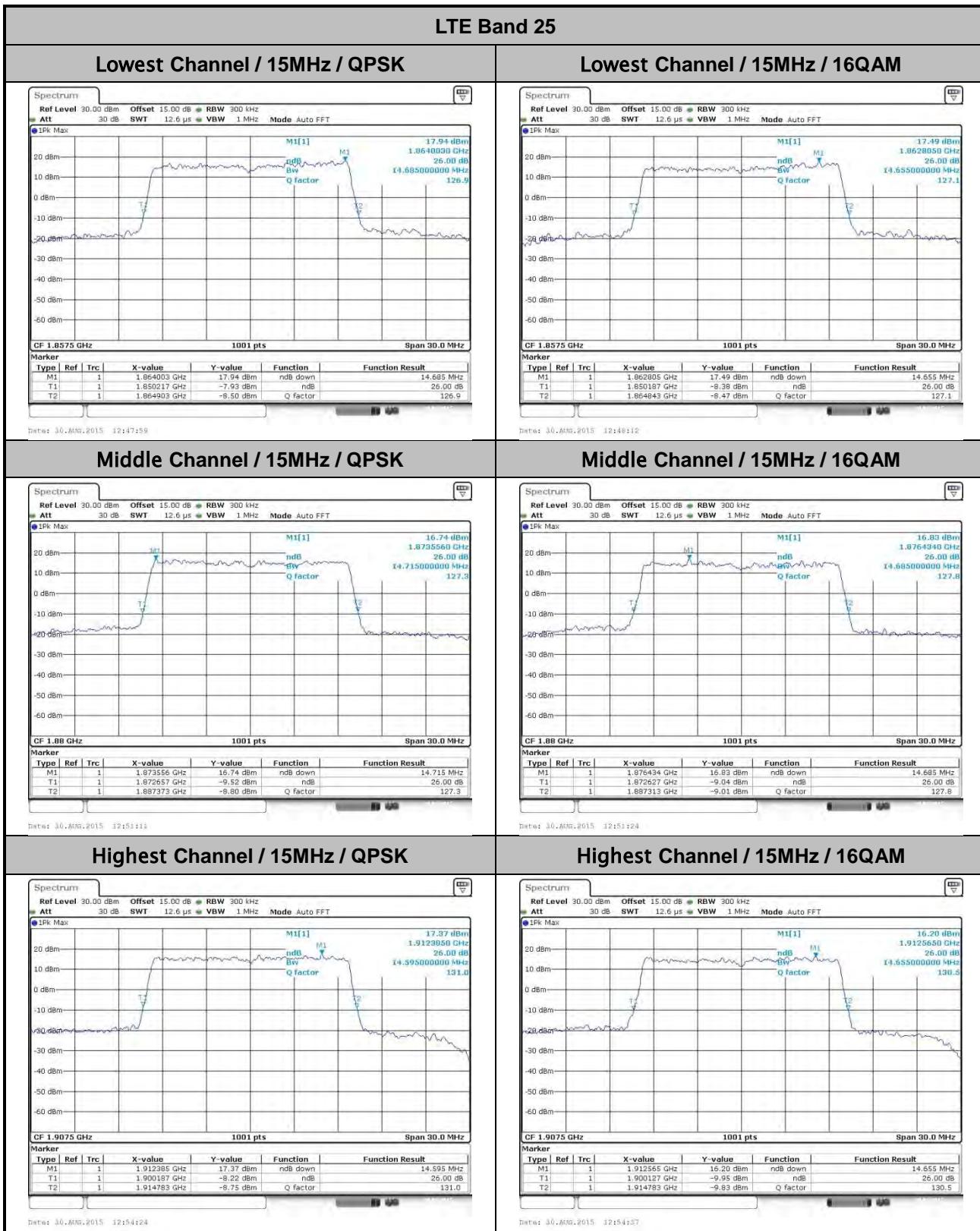


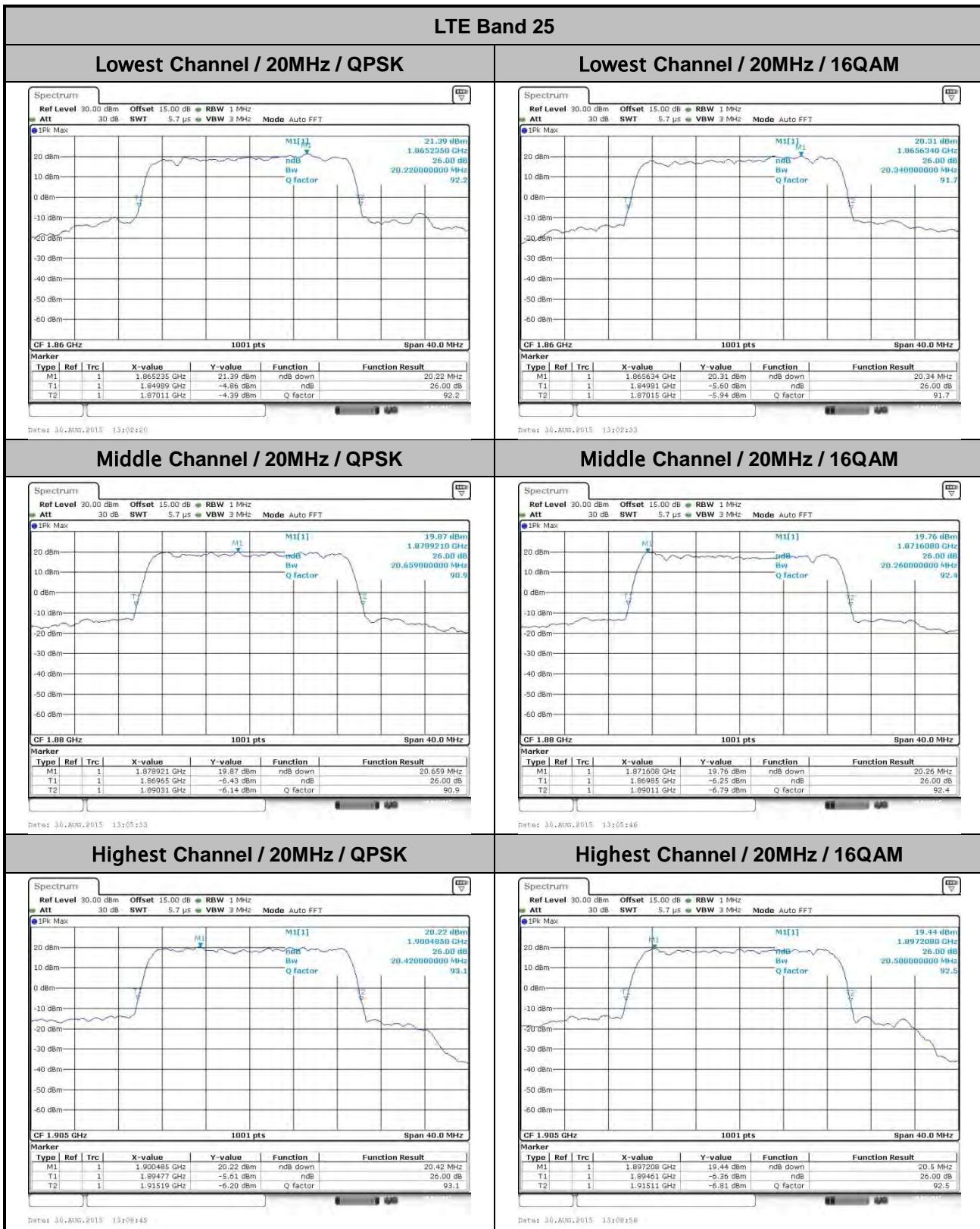


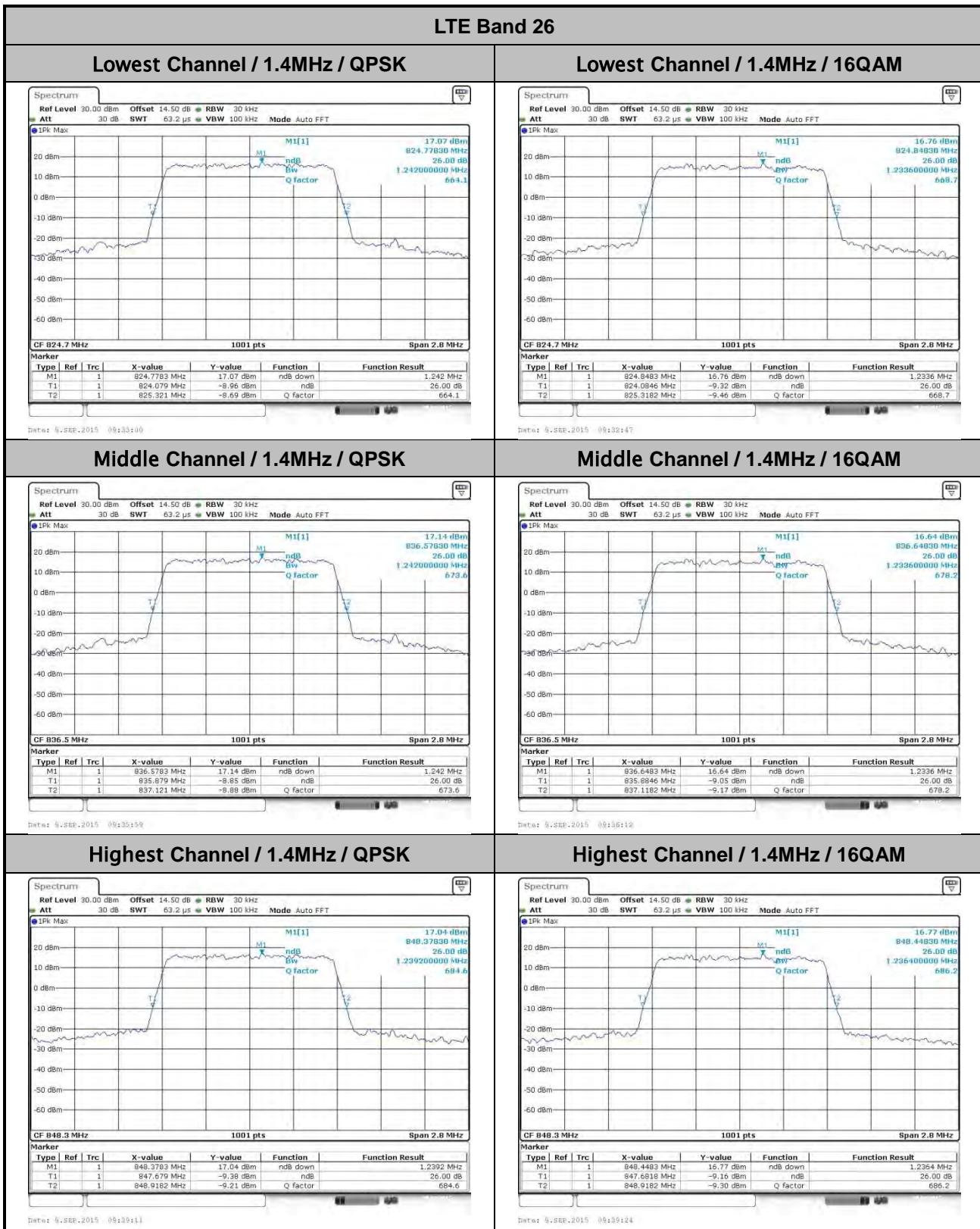


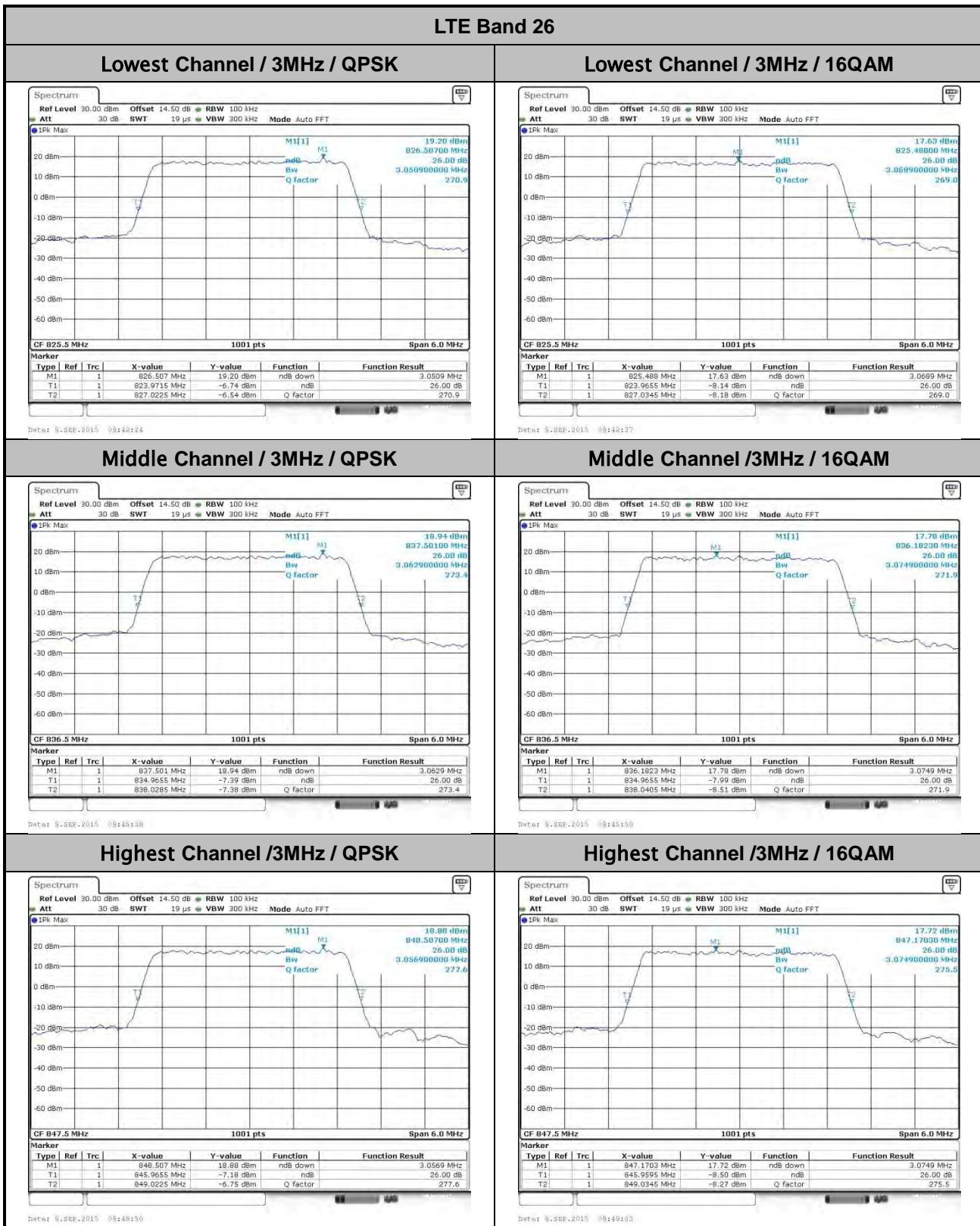


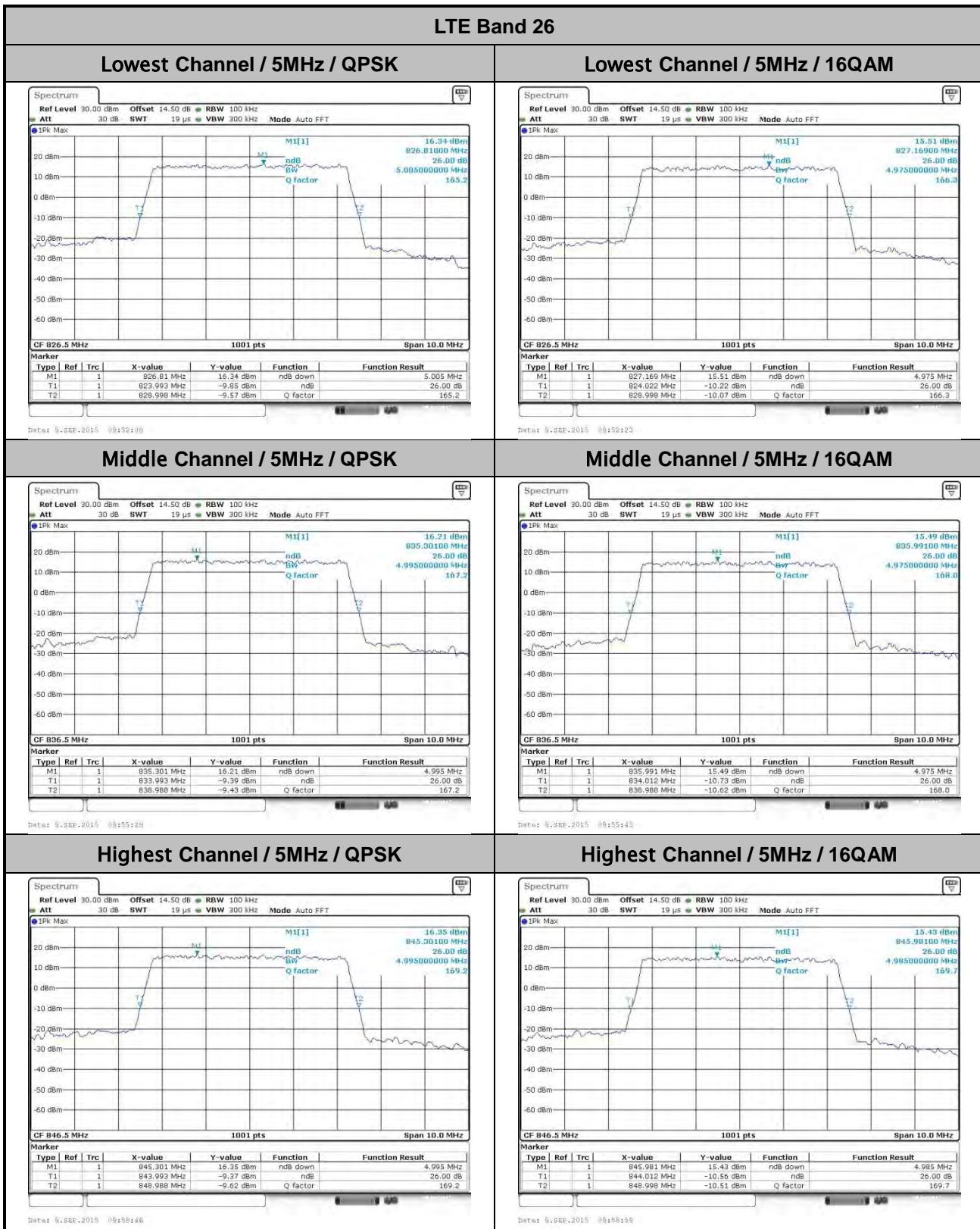


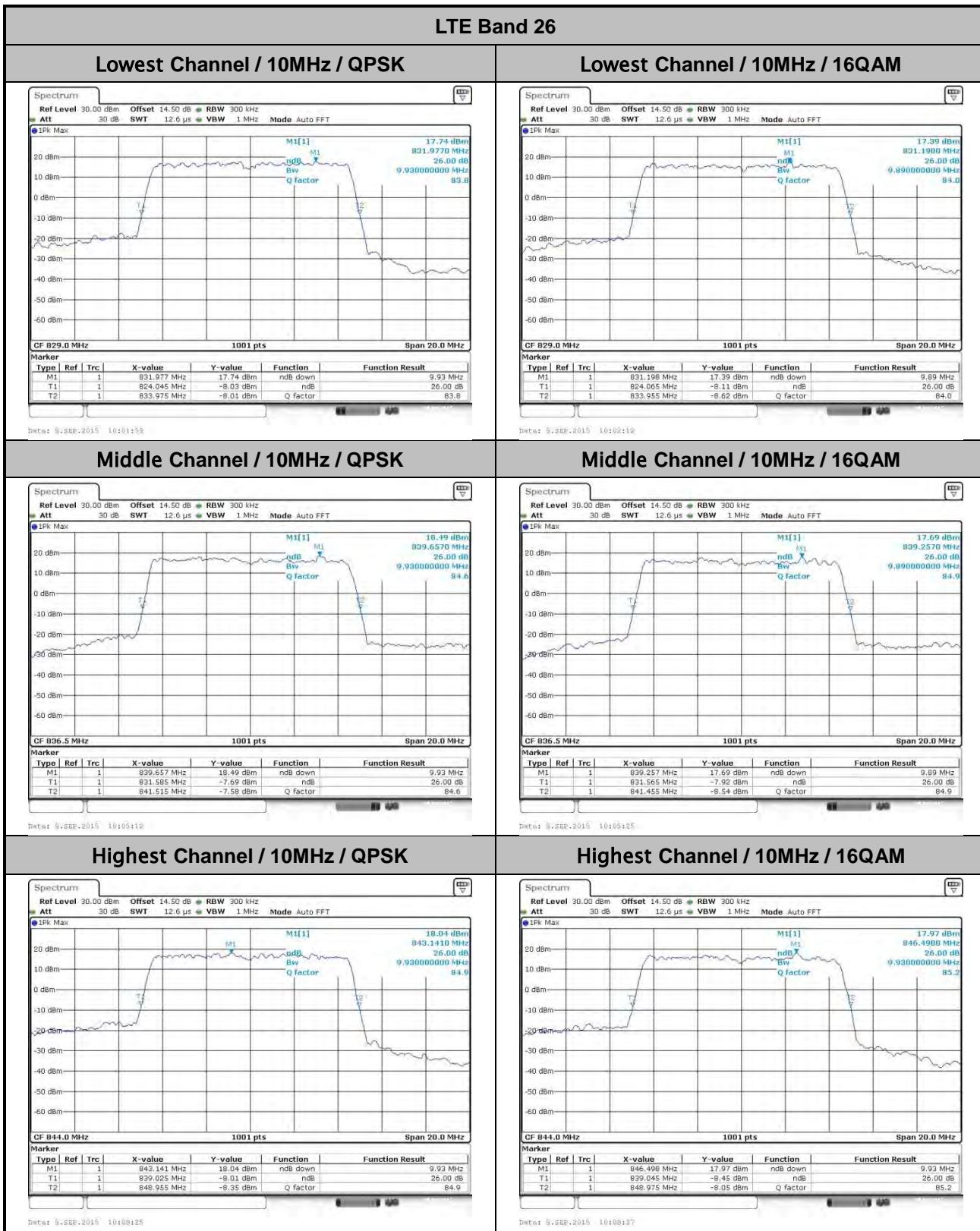


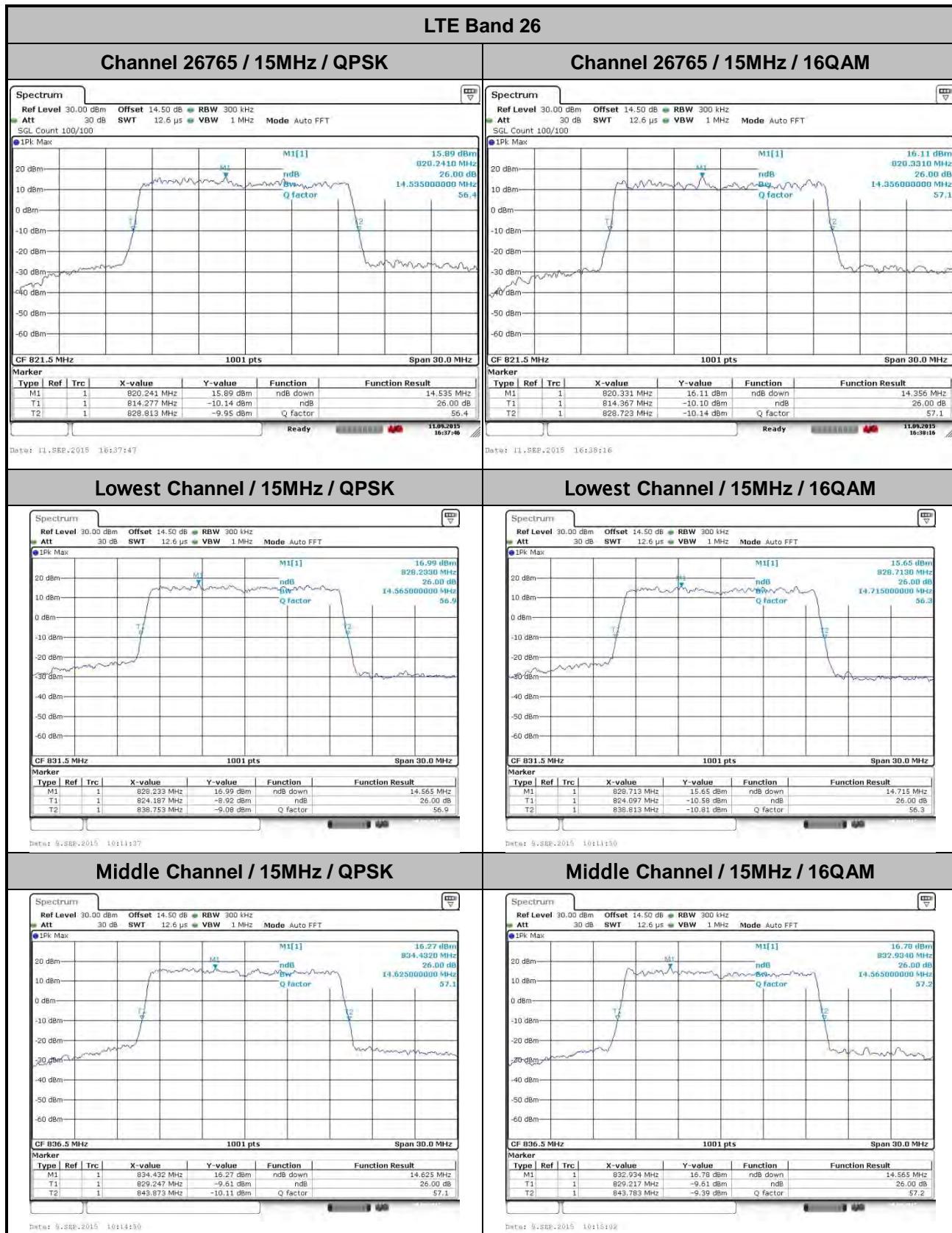


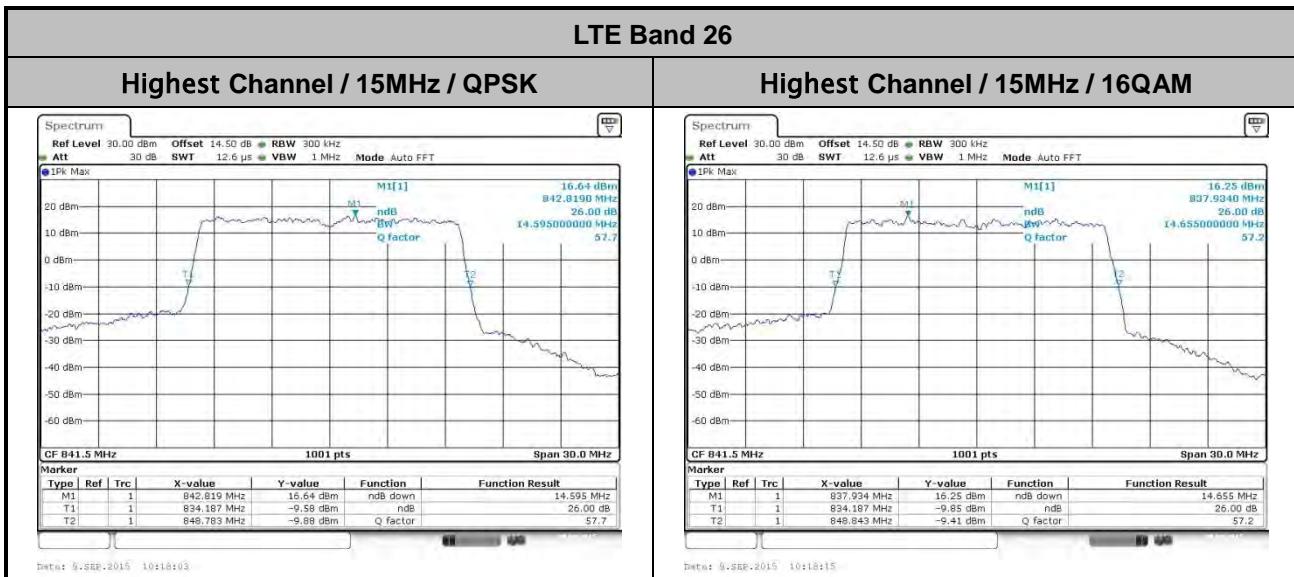














## Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.73	4.49	4.50	9.05	9.03	13.49	13.49	18.30	18.34
Middle CH	1.09	1.09	2.72	2.73	4.50	4.50	9.11	9.05	13.52	13.49	18.58	18.58
Highest CH	1.09	1.09	2.72	2.72	4.49	4.50	9.05	9.03	13.52	13.46	18.42	18.34

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.49	4.50	9.05	8.99	13.46	13.43	18.30	18.26
Middle CH	1.09	1.09	2.73	2.72	4.49	4.49	9.07	9.01	13.46	13.43	18.42	18.46
Highest CH	1.09	1.09	2.73	2.72	4.49	4.50	9.07	9.03	13.49	13.49	18.50	18.42

Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.50	4.50	9.05	9.03	-	-	-	-
Middle CH	1.09	1.09	2.73	2.73	4.50	4.49	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.49	9.05	9.01	-	-	-	-

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.50	4.50	9.01	8.99	-	-	-	-
Middle CH	1.09	1.09	2.73	2.72	4.49	4.49	8.97	8.97	-	-	-	-
Highest CH	1.09	1.09	2.72	2.73	4.50	4.50	9.07	9.05	-	-	-	-



Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.03	9.01	-	-	-	-
Middle CH	-	-	-	-	4.50	4.49	9.07	9.05	-	-	-	-
Highest CH	-	-	-	-	4.50	4.50	9.09	9.03	-	-	-	-

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.73	4.49	4.50	9.05	9.07	13.52	13.52	18.50	18.38
Middle CH	1.09	1.09	2.73	2.73	4.50	4.50	9.09	9.01	13.49	13.49	18.46	18.58
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	9.03	9.01	13.49	13.46	18.34	18.38

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		Ch26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	QPSK	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.50	4.50	9.05	9.03	13.43	13.43	13.40	13.40
Middle CH	1.09	1.09	2.72	2.73	4.49	4.49	9.03	9.01	13.46	13.52	-	-
Highest CH	1.09	1.09	2.73	2.72	4.49	4.49	9.03	8.97	13.46	13.46	-	-

