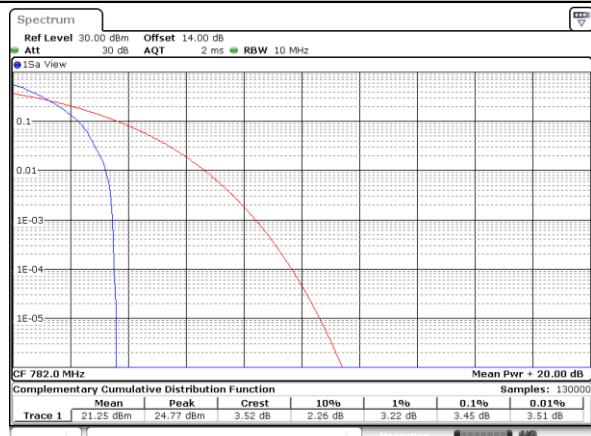




LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Middle Channel / Full RB



LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB

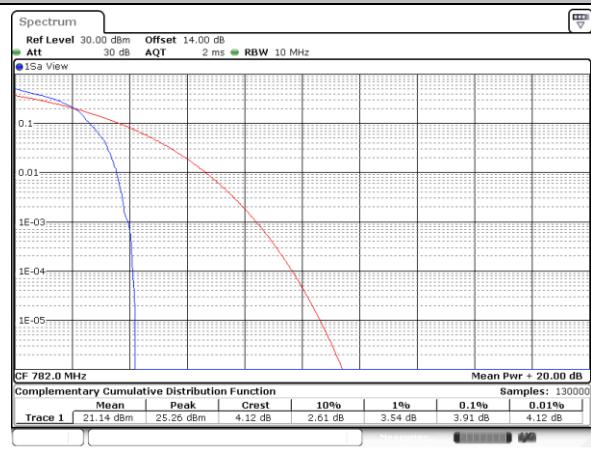


Middle Channel / Full RB

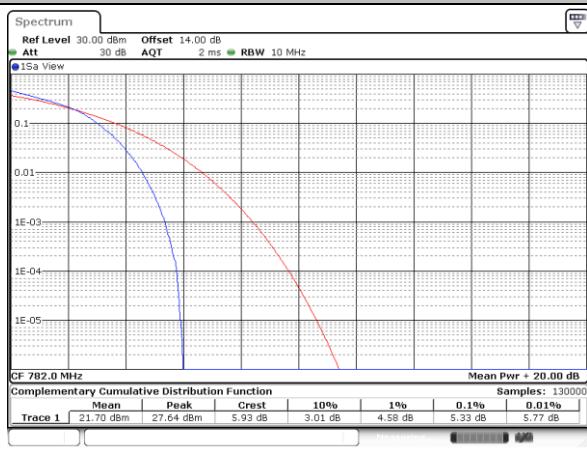


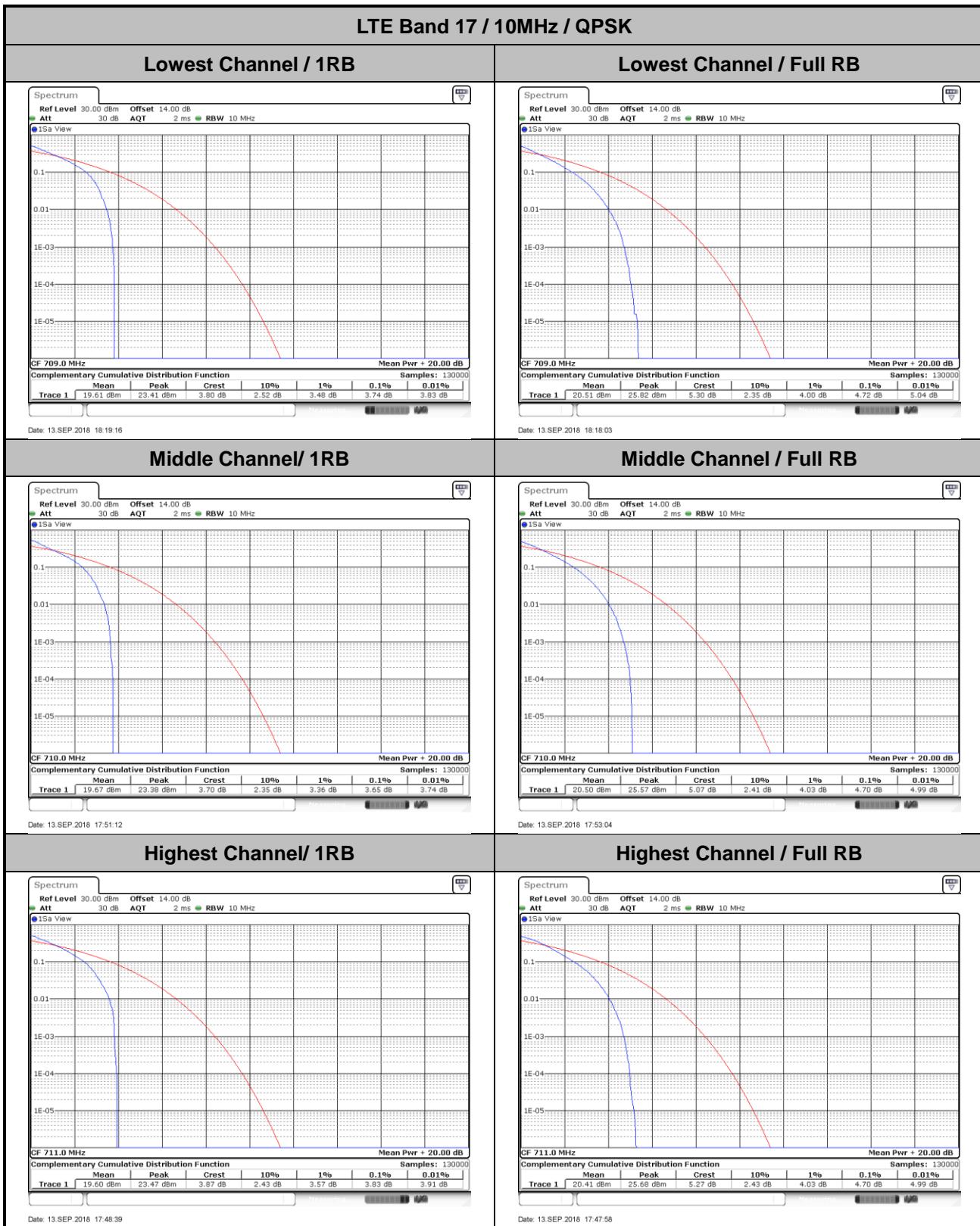
LTE Band 13 / 10MHz / 64QAM

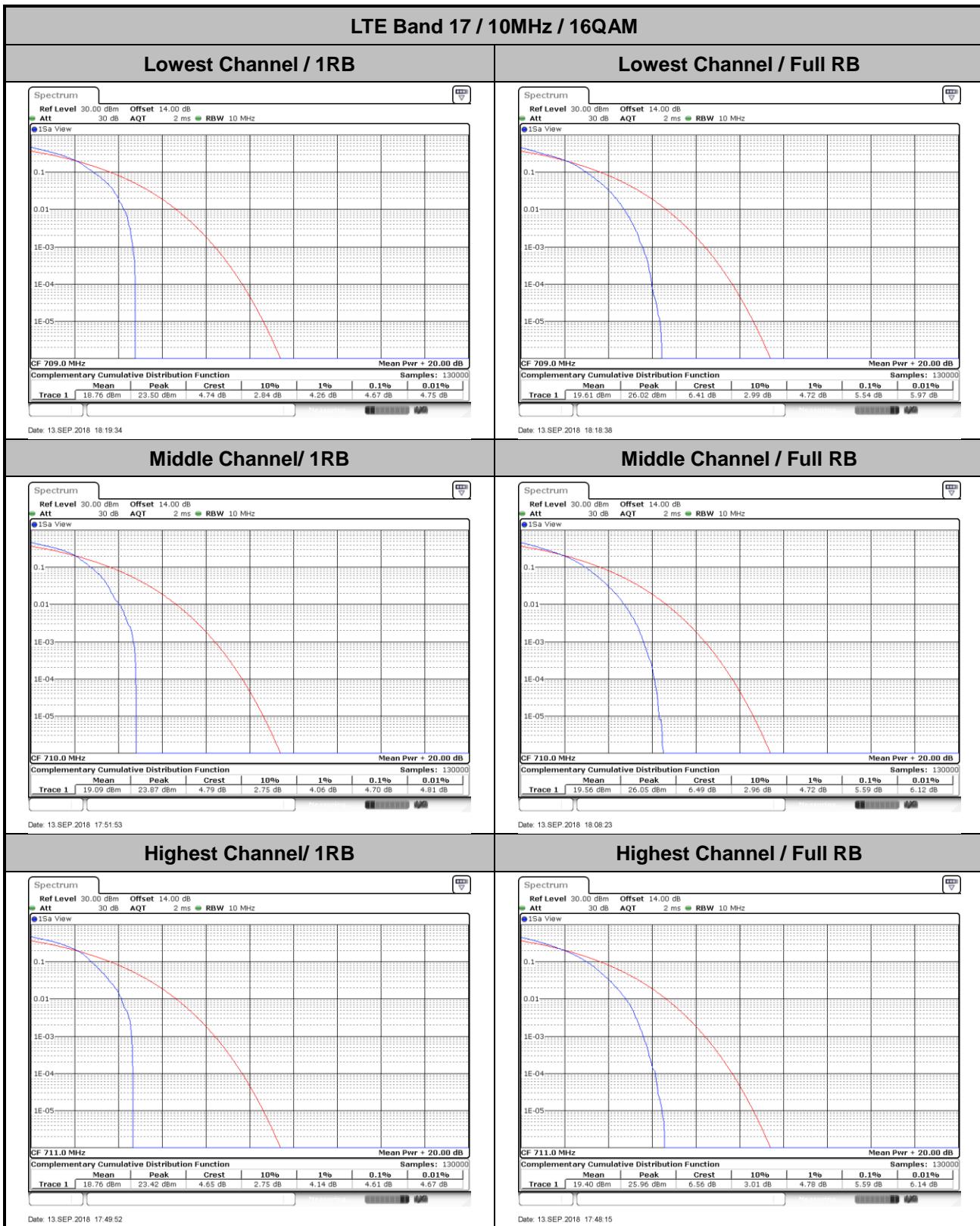
Middle Channel / 1RB

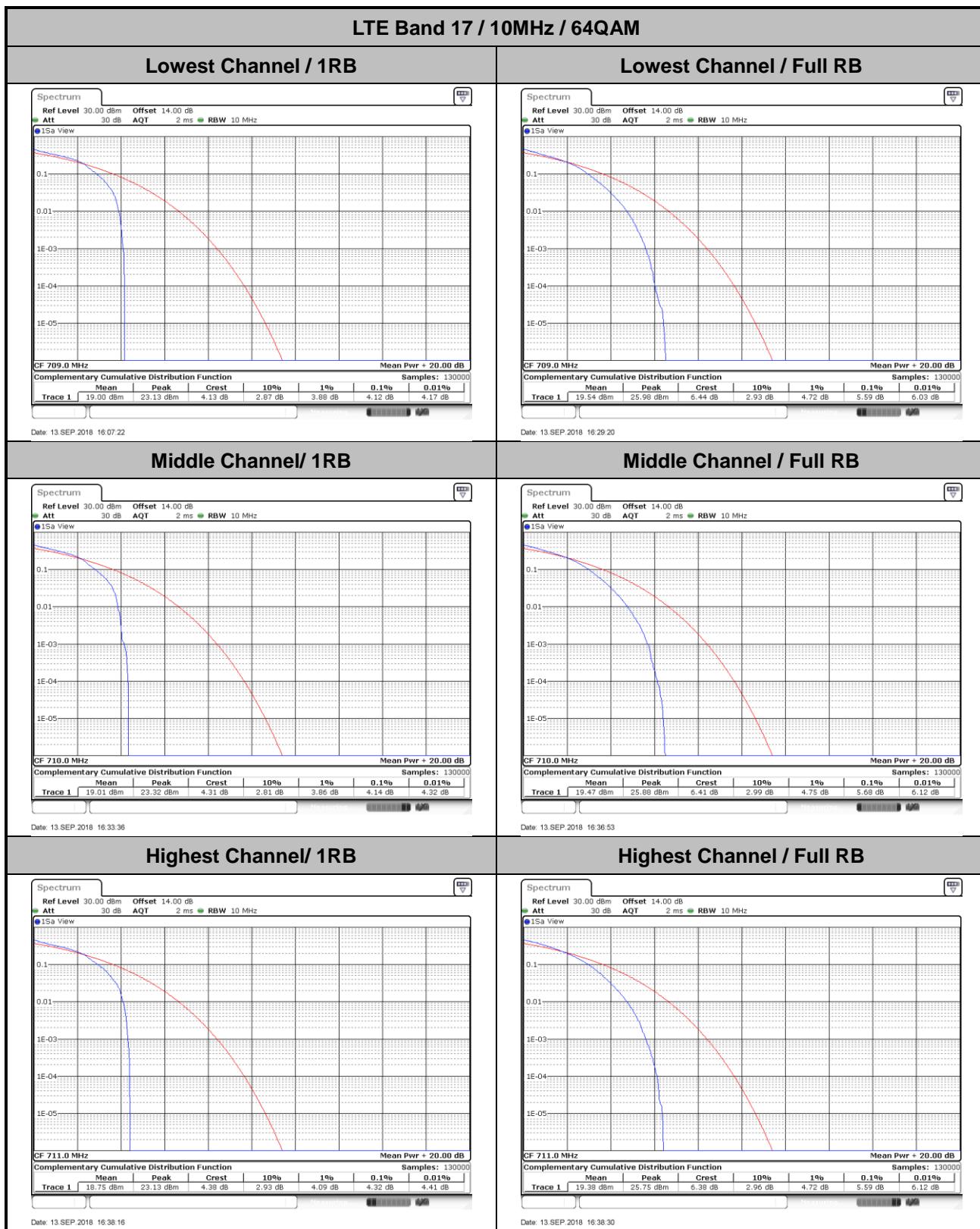


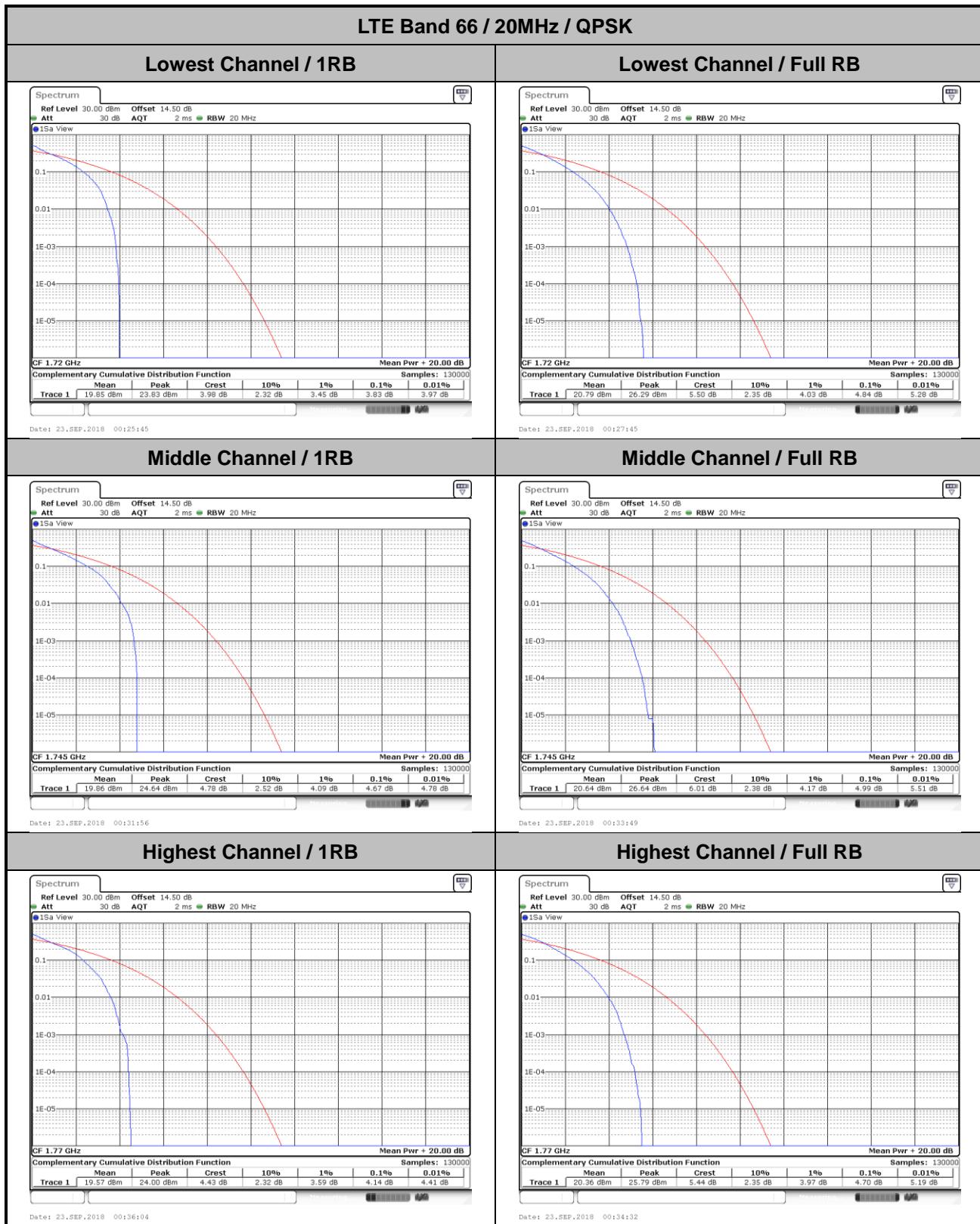
Middle Channel / Full RB

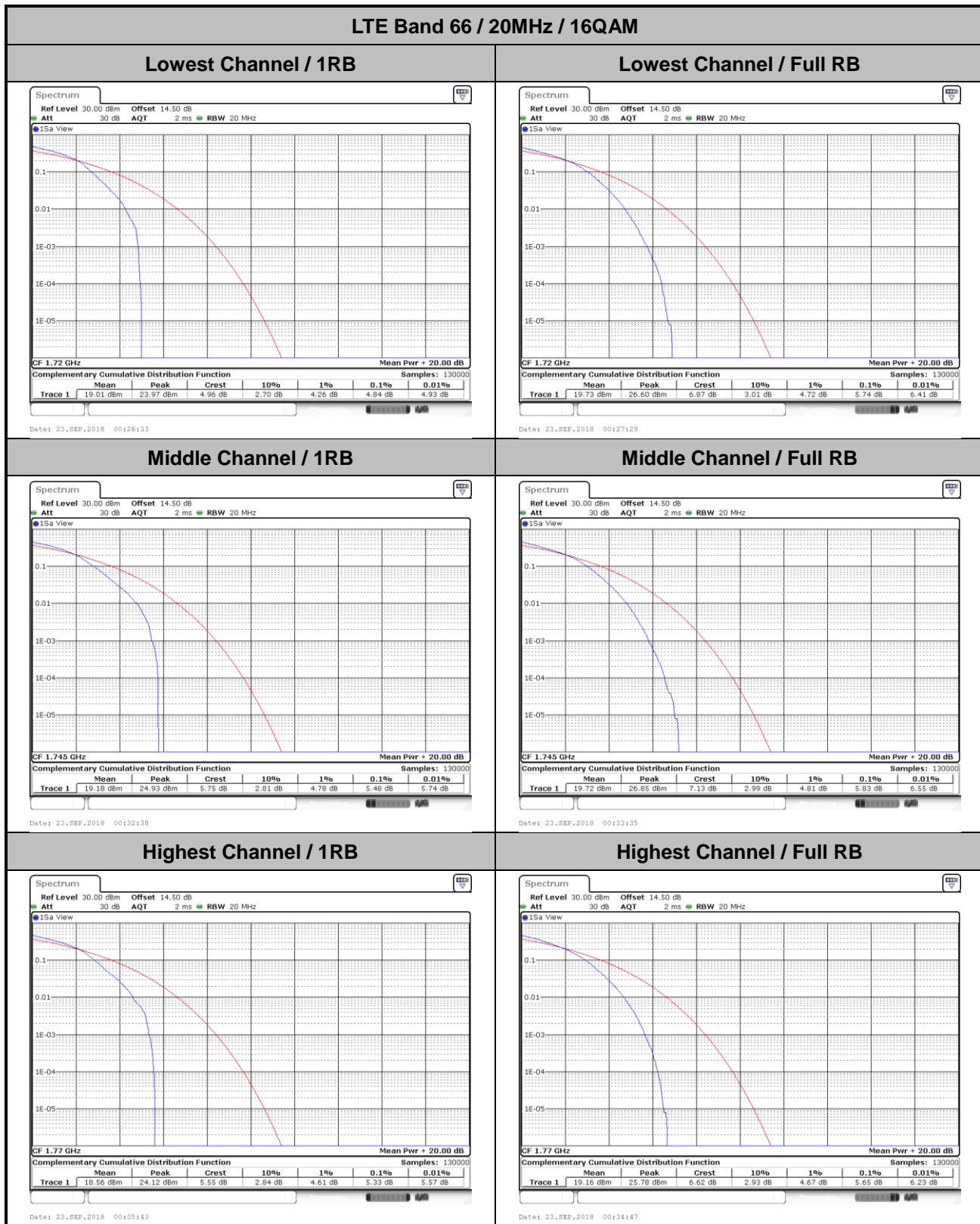


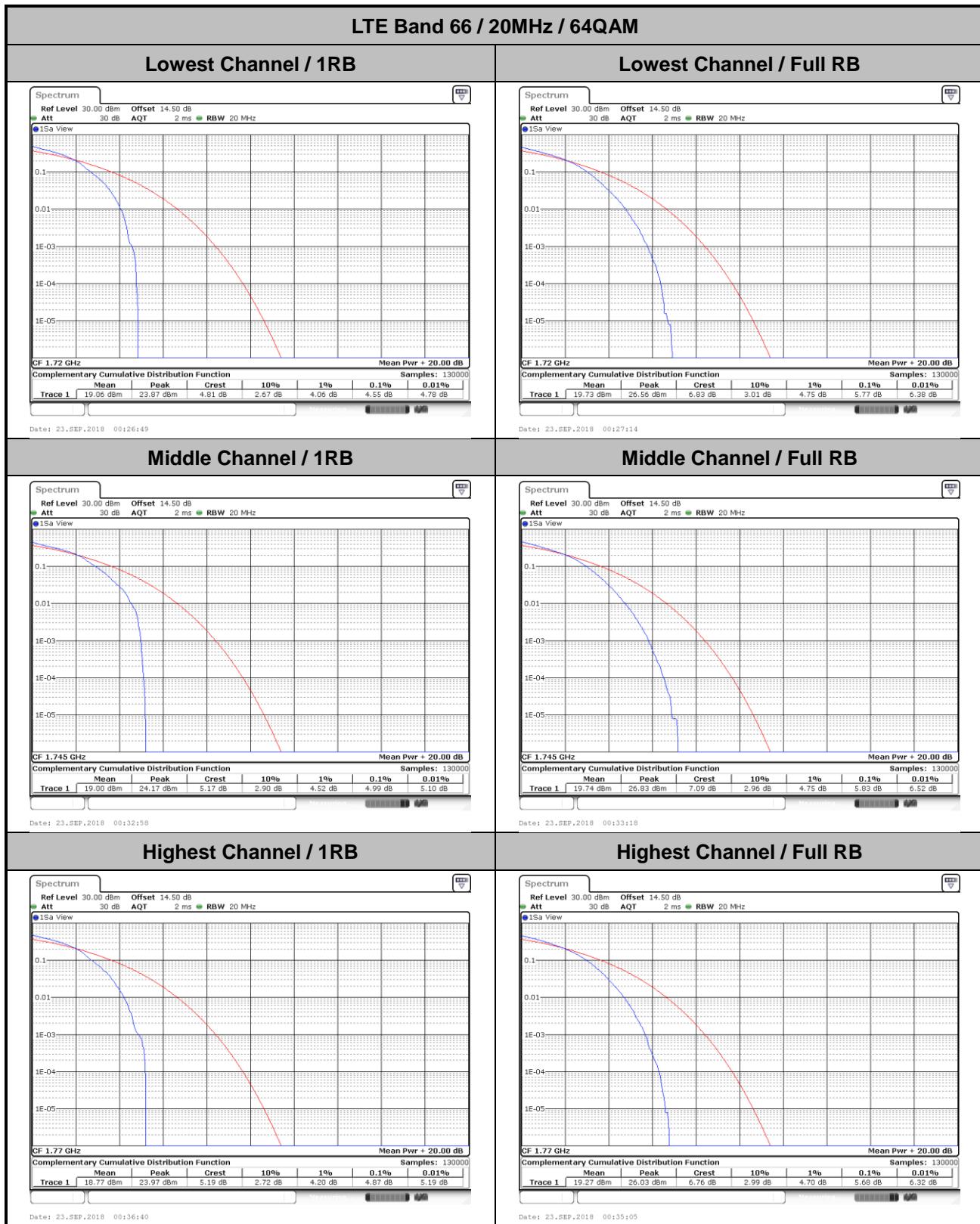














26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)													
	BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.267	1.267	2.955	2.907	4.865	4.865	9.83	9.67	14.266	14.416	20.22	20.26		
Middle CH	1.281	1.281	2.943	2.919	4.835	4.795	9.87	9.83	14.416	14.476	20.34	20.22		
Highest CH	1.264	1.281	2.961	2.943	4.845	4.815	9.73	9.67	14.176	14.356	20.26	20.34		
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM			
Lowest CH	1.262		2.919		4.825		9.63		14.386		20.38			
Middle CH	1.259		2.931		4.885		9.75		14.446		20.34			
Highest CH	1.267		2.937		4.845		9.75		14.386		20.18			

Mode	LTE Band 4 : 26dB BW(MHz)													
	BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.284	1.27	2.925	2.973	4.795	4.855	9.75	9.69	14.416	14.356	20.26	20.18		
Middle CH	1.264	1.256	2.973	2.979	4.905	4.865	9.75	9.69	14.296	14.476	20.34	20.22		
Highest CH	1.281	1.267	2.979	2.931	4.825	4.845	9.75	9.75	14.356	14.416	20.26	20.26		
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM			
Lowest CH	1.267		2.967		4.785		9.83		14.116		20.26			
Middle CH	1.264		2.967		4.815		9.75		14.206		20.26			
Highest CH	1.264		2.949		4.815		9.69		14.236		20.26			

Mode	LTE Band 5 : 26dB BW(MHz)													
	BW		1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM	64QAM	
Lowest CH	1.259	1.284	2.955	2.943	4.885	4.875	9.63	9.75	1.250	2.937	4.885	9.97		
Middle CH	1.273	1.231	2.955	2.931	4.835	4.895	9.73	9.71	1.270	2.949	4.885	9.65		
Highest CH	1.278	1.276	2.937	2.967	4.835	4.825	9.75	9.79	1.281	2.955	4.845	9.95		



Mode	LTE Band 7 : 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	-	-	-	-	4.925	4.785	9.73	9.77	14.296	14.326	20.3	20.22
Middle CH	-	-	-	-	4.885	4.875	9.77	9.67	14.206	14.416	20.26	20.22
Highest CH	-	-	-	-	4.915	4.875	9.87	9.75	14.236	14.236	20.26	20.22
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.765		9.89		14.326		20.26	
Middle CH	-		-		4.865		9.73		14.206		20.34	
Highest CH	-		-		4.825		9.73		14.266		20.22	

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	16QAM
Lowest CH	1.256	1.278	2.955	2.967	4.915	5.075	9.65	9.73	1.242	2.979	4.925	9.91
Middle CH	1.281	1.276	2.967	2.961	5.195	5.135	9.85	10.27	1.262	2.973	4.915	10.01
Highest CH	1.273	1.298	2.937	2.961	5.045	5.005	9.85	9.97	1.276	2.955	4.955	9.85

Mode	LTE Band 13 : 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	-	-	-	-	5.045	5.025	-	-	-	-	-	-
Middle CH	-	-	-	-	5.325	5.045	9.93	9.83	-	-	-	-
Highest CH	-	-	-	-	5.055	4.975	-	-	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		5.145		-		-		-	
Middle CH	-		-		5.005		10.01		-		-	
Highest CH	-		-		5.095		-		-		-	



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	-	-	-	-	4.975	5.025	10.21	9.71	-	-	-	-
Middle CH	-	-	-	-	5.015	5.085	10.15	9.73	-	-	-	-
Highest CH	-	-	-	-	5.045	4.815	9.71	9.89	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.965		10.11		-		-	
Middle CH	-		-		5.035		9.73		-		-	
Highest CH	-		-		5.015		10.17		-		-	

Mode	LTE Band 66 : 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	1.306	1.273	2.943	2.949	5.185	5.165	9.93	10.03	14.476	14.386	20.38	20.34
Middle CH	1.259	1.262	2.961	2.931	5.015	5.045	10.21	9.97	14.595	14.236	20.26	20.3
Highest CH	1.29	1.259	2.955	2.955	5.045	4.985	10.09	10.17	14.595	14.505	20.42	20.22
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.287		2.937		5.025		9.87		14.535		20.38	
Middle CH	1.284		2.919		5.065		10.01		14.505		20.38	
Highest CH	1.264		2.925		5.025		9.81		14.595		20.34	

