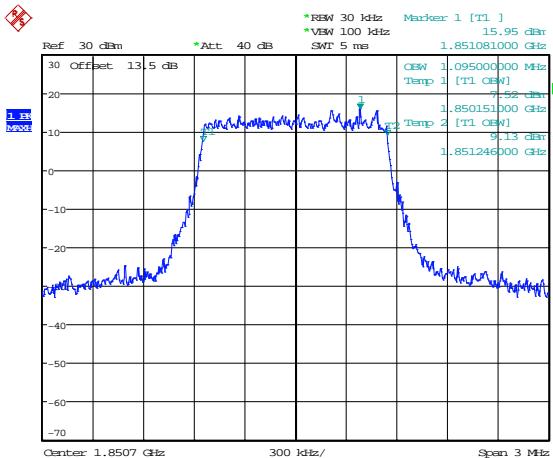


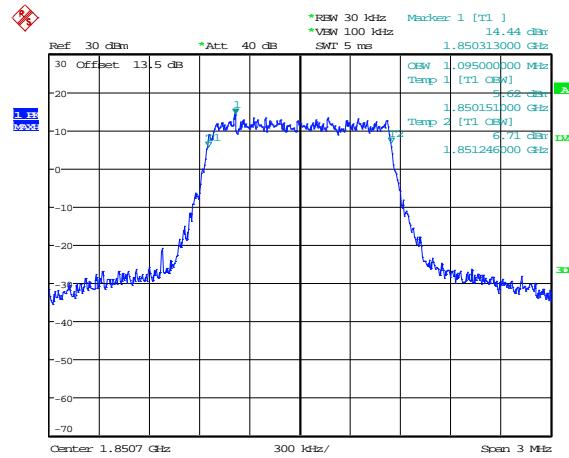
LTE FDD Band 2					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.095	1.098	1.098
		26dB bandwidth	1.239	1.254	1.269
	16QAM	OBW	1.095	1.095	1.098
		26dB bandwidth	1.284	1.284	1.305
3.0 MHz	QPSK	Test Item	Test result(MHz)		
			LCH	MCH	HCH
	16QAM	OBW	2.688	2.688	2.688
		26dB bandwidth	2.904	2.916	1.269
5.0 MHz	QPSK	Test Item	Test result(MHz)		
			LCH	MCH	HCH
	16QAM	OBW	4.510	4.510	4.510
		26dB bandwidth	4.900	4.940	4.930
10.0 MHz	QPSK	Test Item	Test result(MHz)		
			LCH	MCH	HCH
	16QAM	OBW	9.060	9.060	9.060
		26dB bandwidth	10.060	10.040	10.020
15.0 MHz	QPSK	Test Item	Test result(MHz)		
			LCH	MCH	HCH
	16QAM	OBW	13.470	13.470	13.440
		26dB bandwidth	14.640	14.790	14.610
20.0 MHz	QPSK	Test Item	Test result(MHz)		
			LCH	MCH	HCH
	16QAM	OBW	17.920	17.840	17.920
		26dB bandwidth	19.320	19.280	19.280

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz, OBW

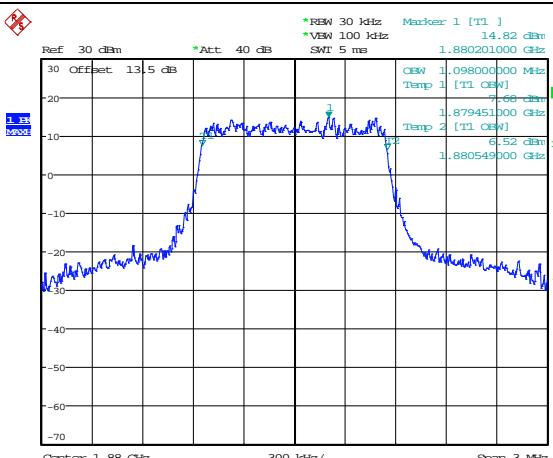
QPSK Low channel



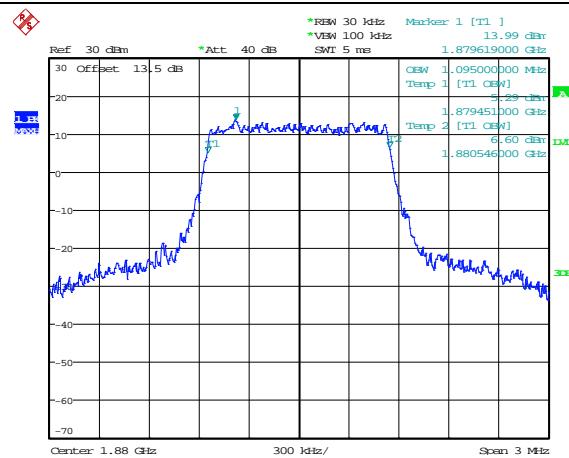
16QAM Low channel



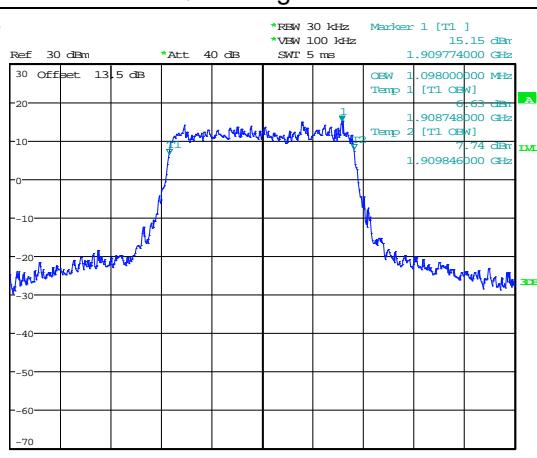
QPSK Middle channel



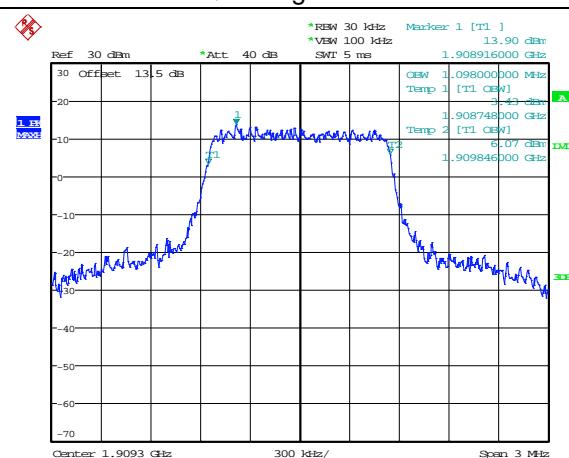
16QAM Middle channel



QPSK High channel

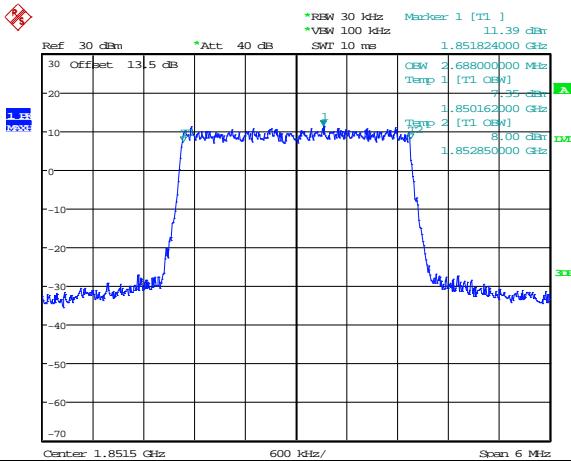


16QAM High channel

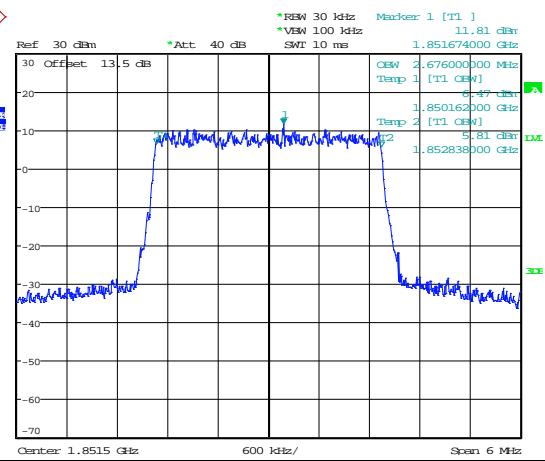


LTE FDD Band 2, Nominal Bandwidth: 3.0MHz, OBW

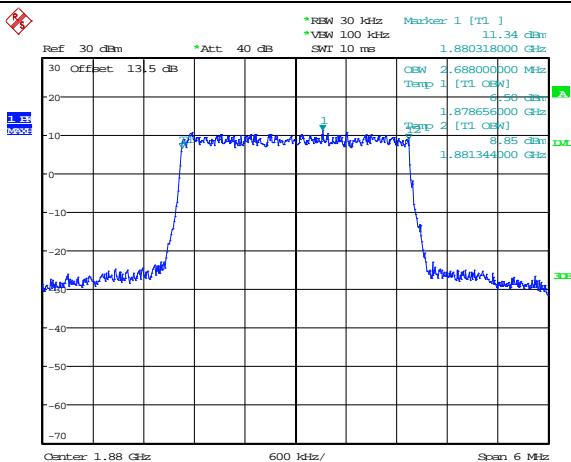
QPSK Low channel



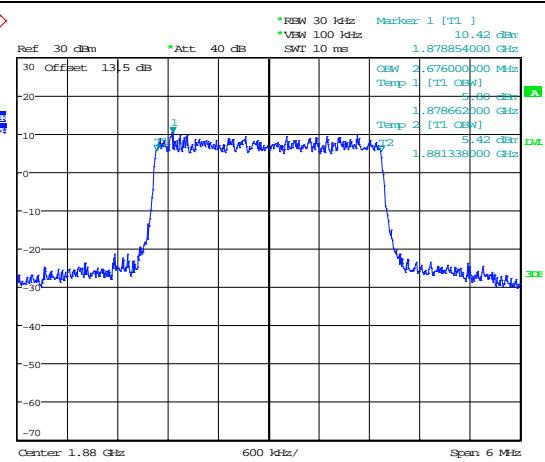
16QAM Low channel



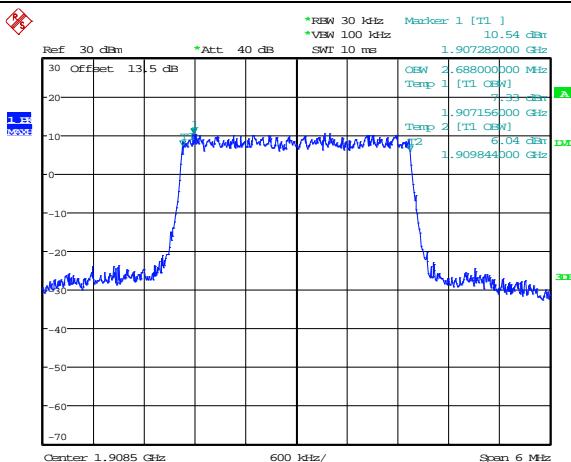
QPSK Middle channel



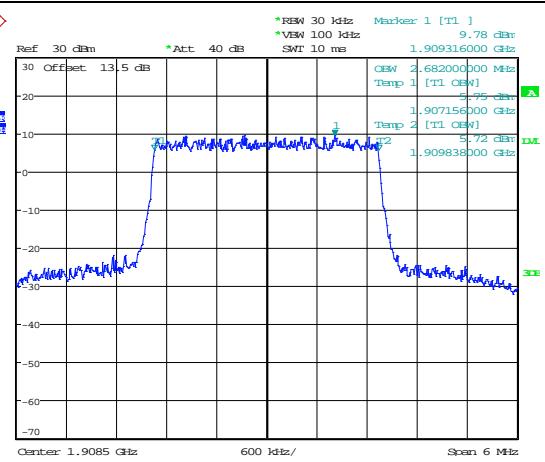
16QAM Middle channel



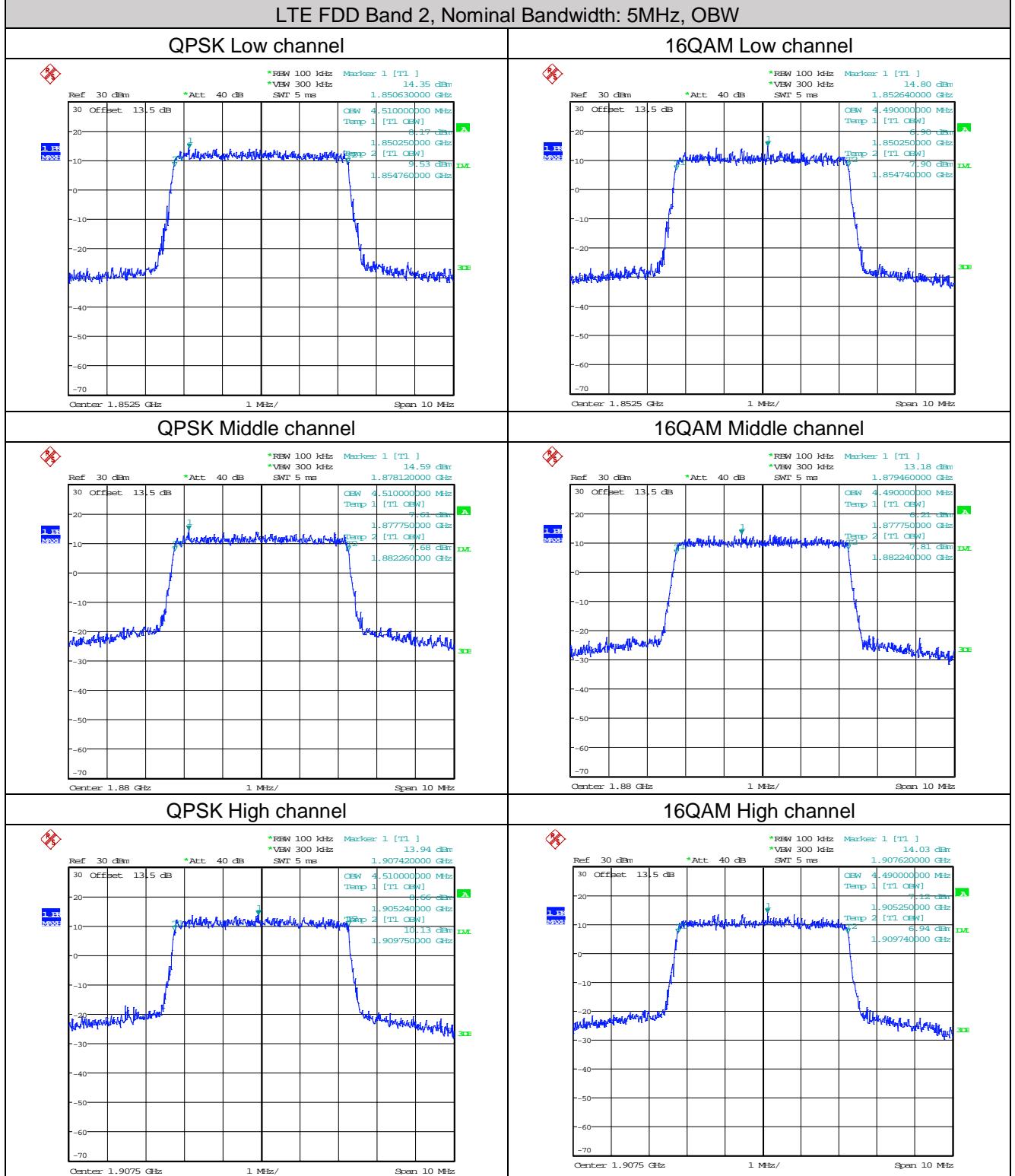
QPSK High channel



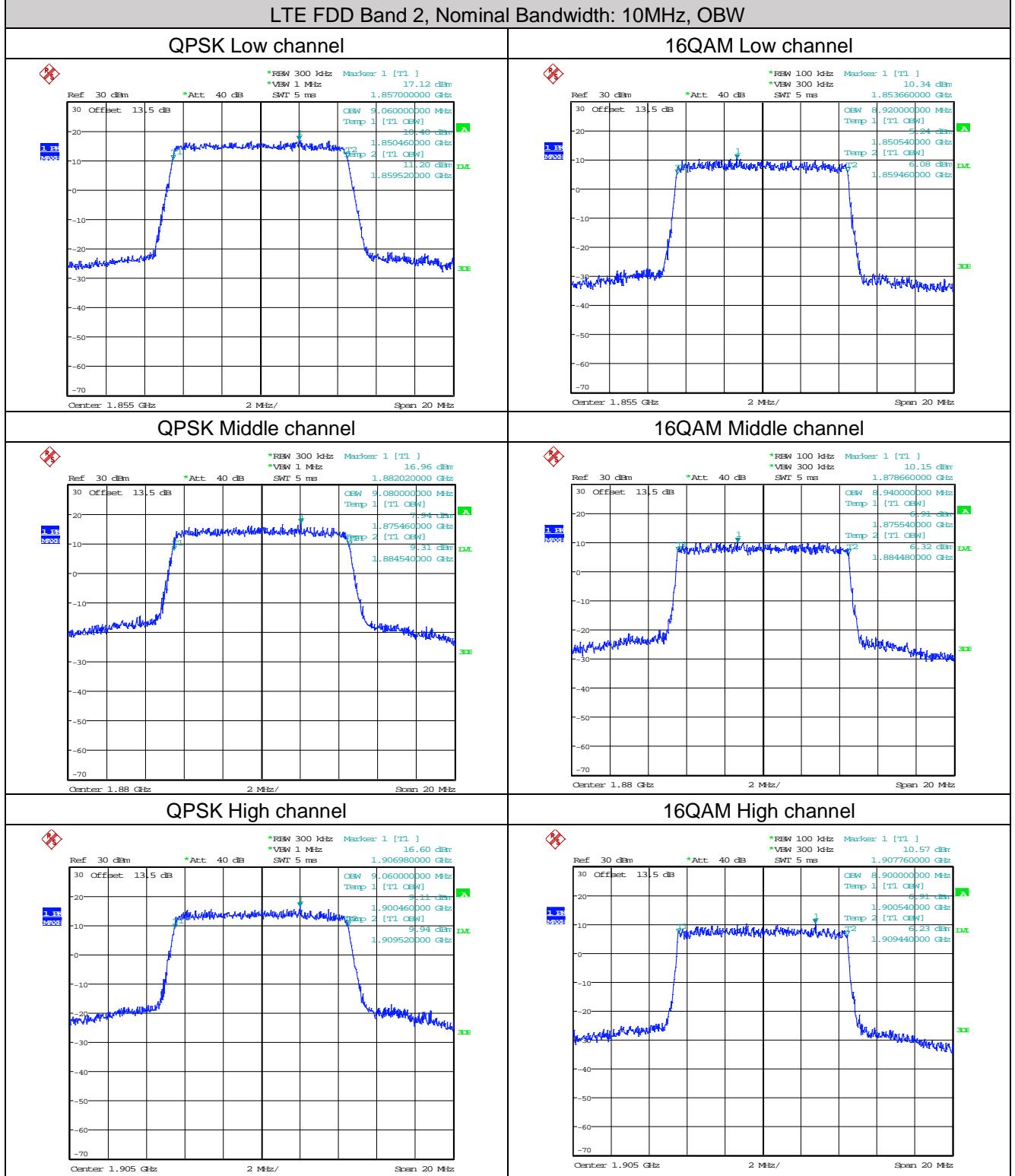
16QAM High channel



LTE FDD Band 2, Nominal Bandwidth: 5MHz, OBW

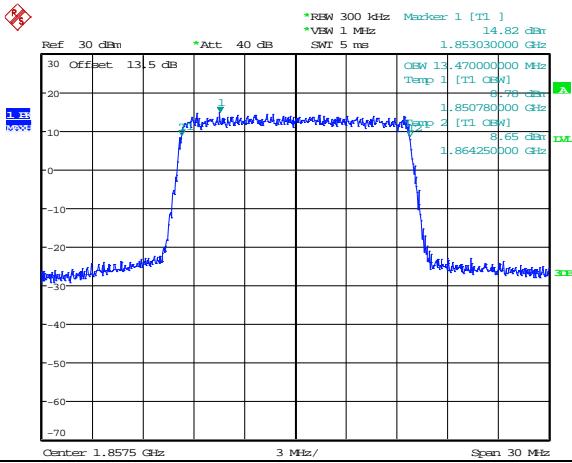


LTE FDD Band 2, Nominal Bandwidth: 10MHz, OBW

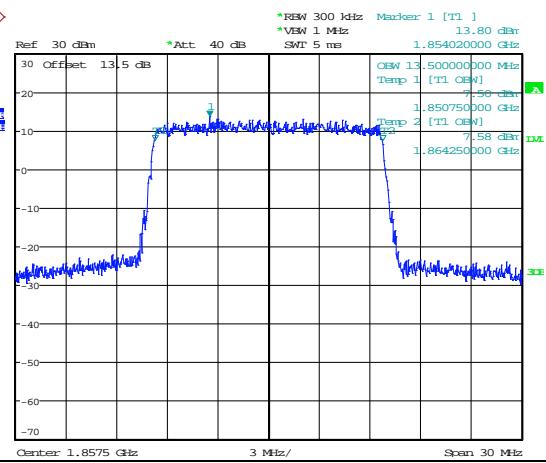


LTE FDD Band 2, Nominal Bandwidth: 15MHz, OBW

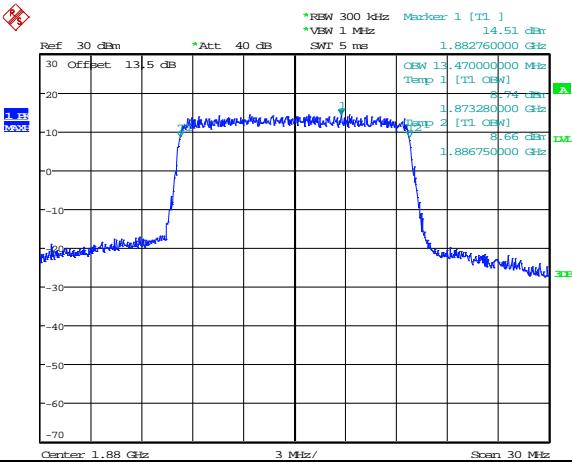
QPSK Low channel



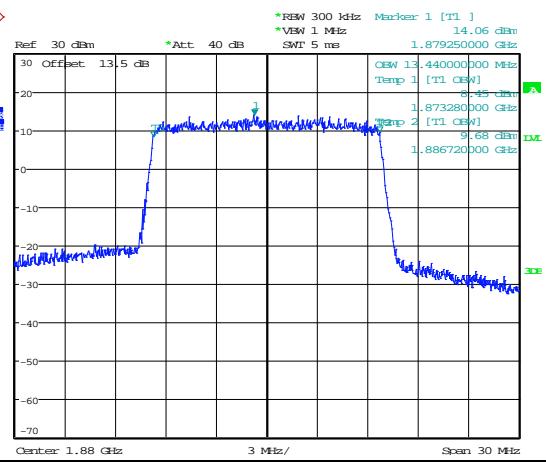
16QAM Low channel



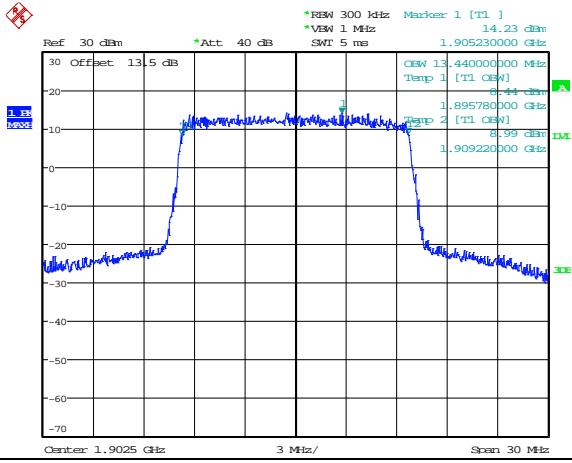
QPSK Middle channel



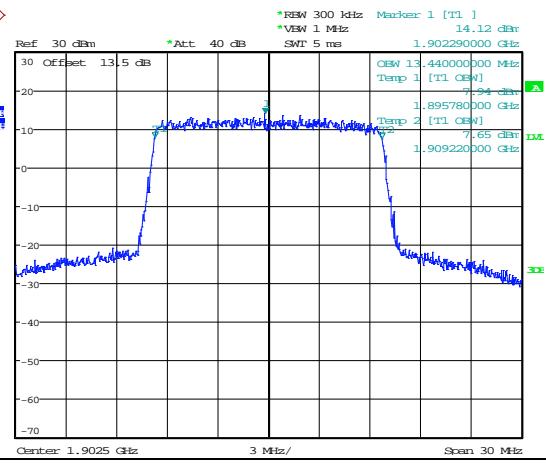
16QAM Middle channel



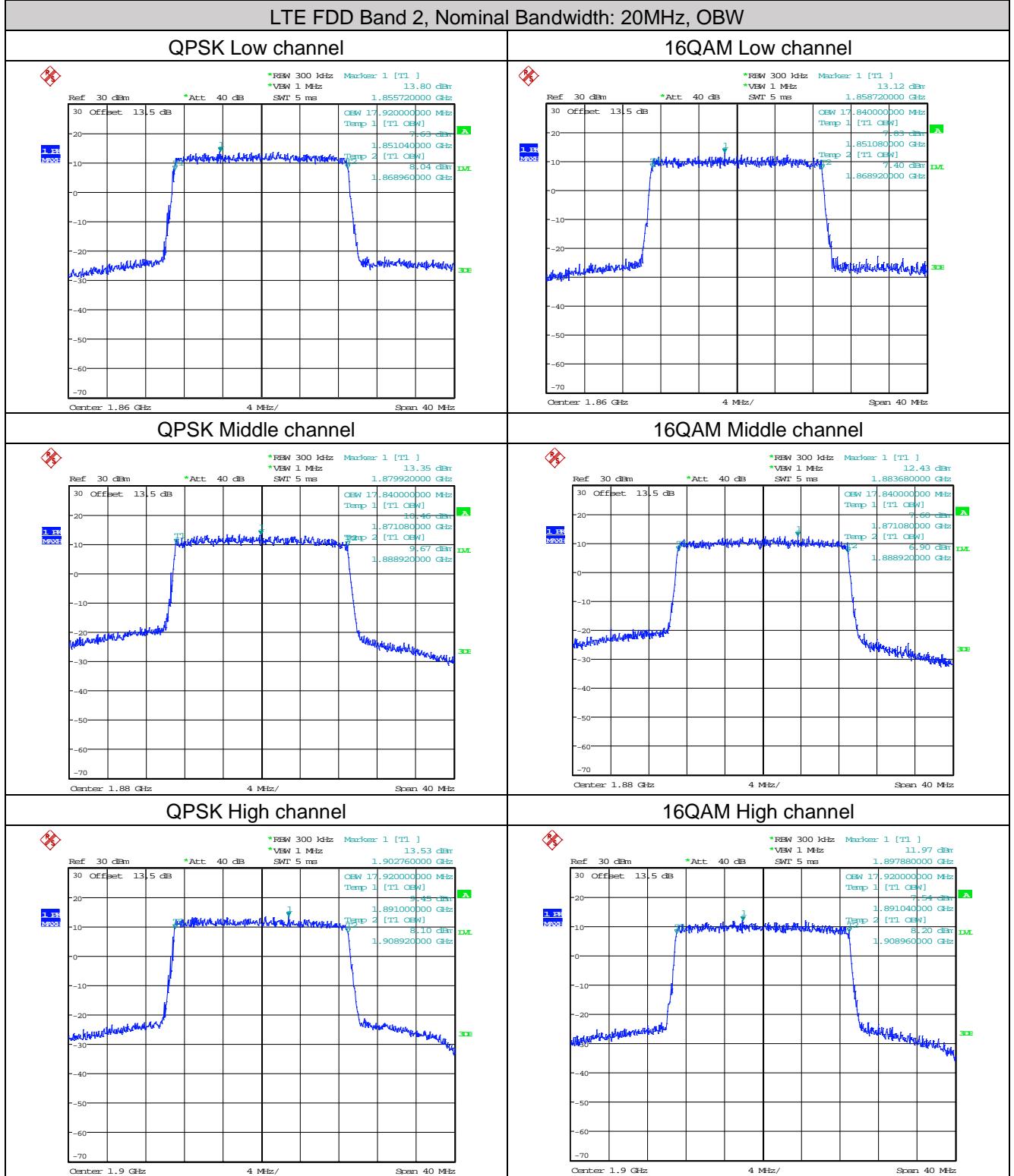
QPSK High channel



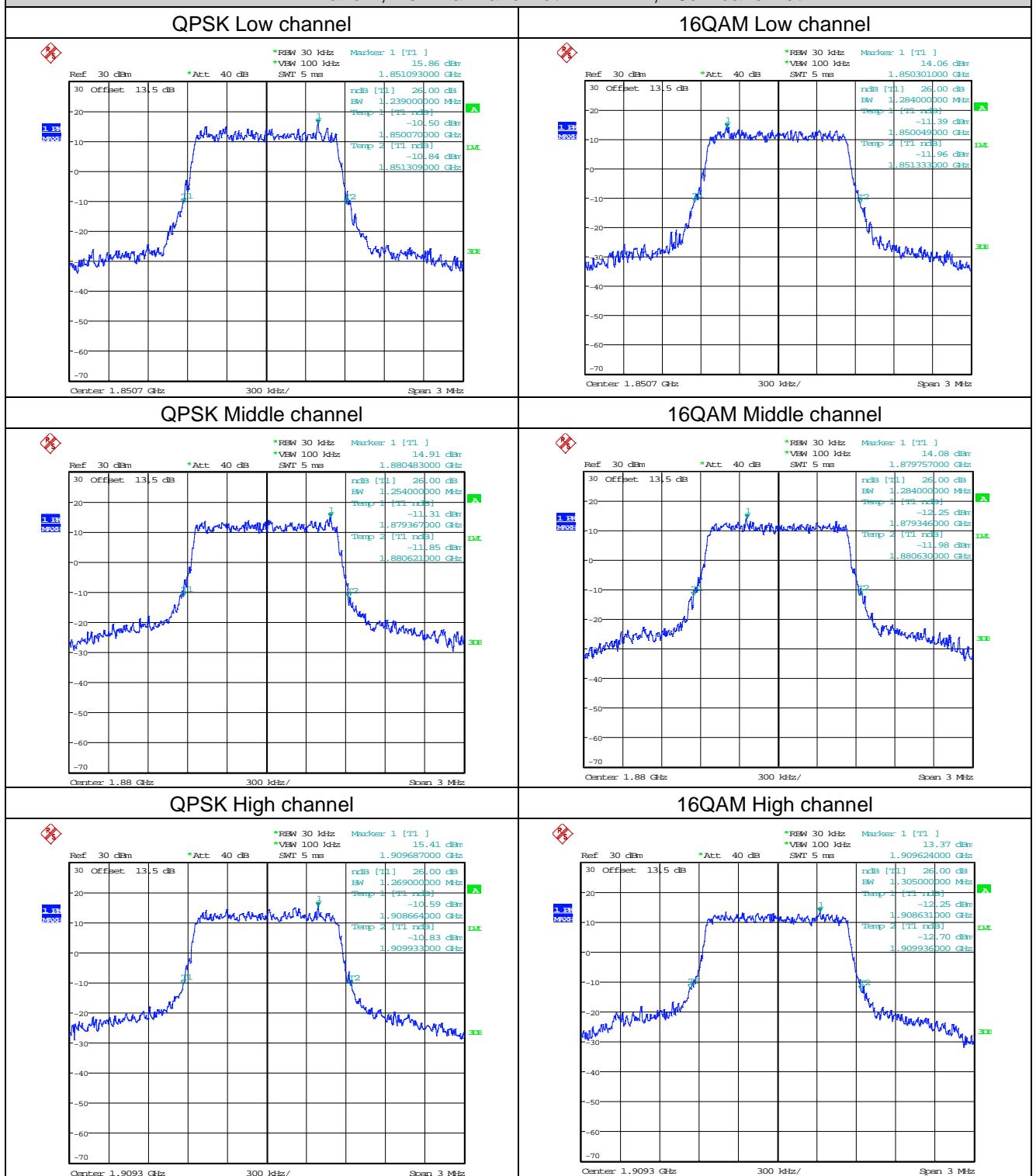
16QAM High channel



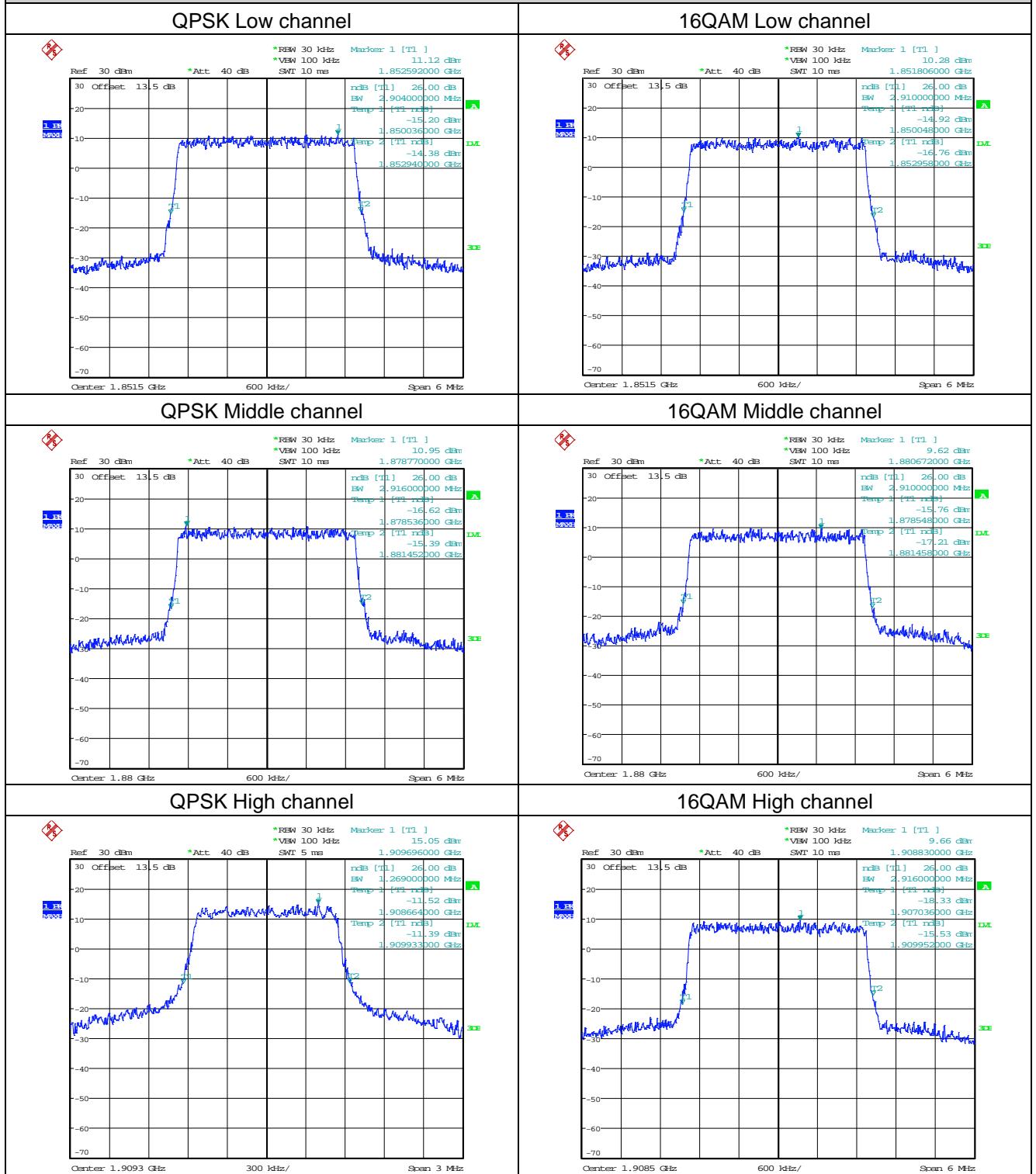
LTE FDD Band 2, Nominal Bandwidth: 20MHz, OBW



LTE FDD Band 2, Nominal Bandwidth: 1.4MHz, 26dB bandwidth

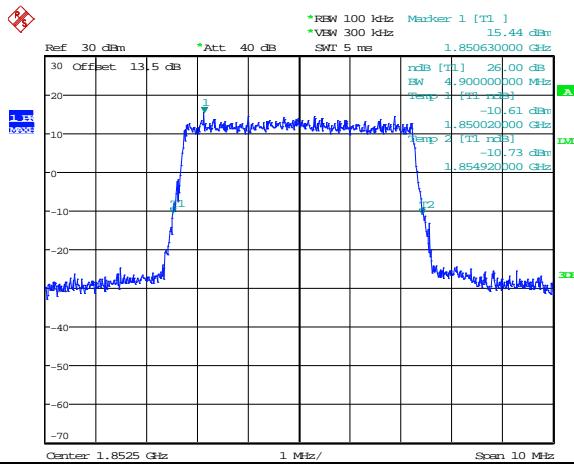


LTE FDD Band 2, Nominal Bandwidth: 3.0MHz, 26dB bandwidth

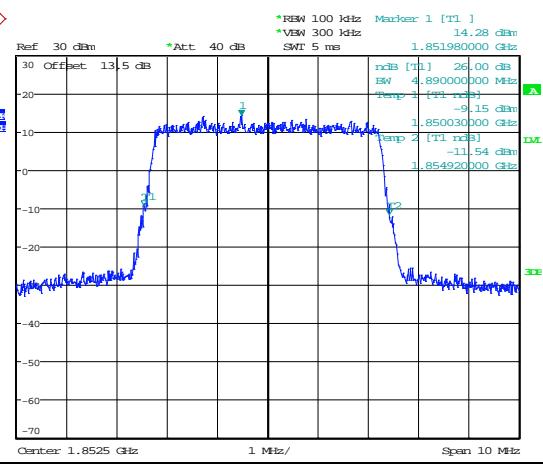


LTE FDD Band 2, Nominal Bandwidth: 5MHz, 26dB bandwidth

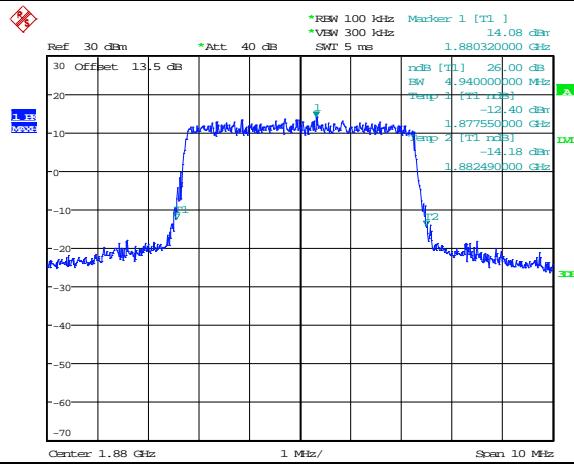
QPSK Low channel



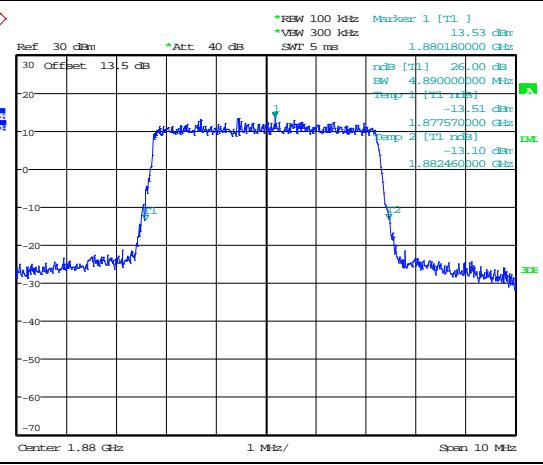
16QAM Low channel



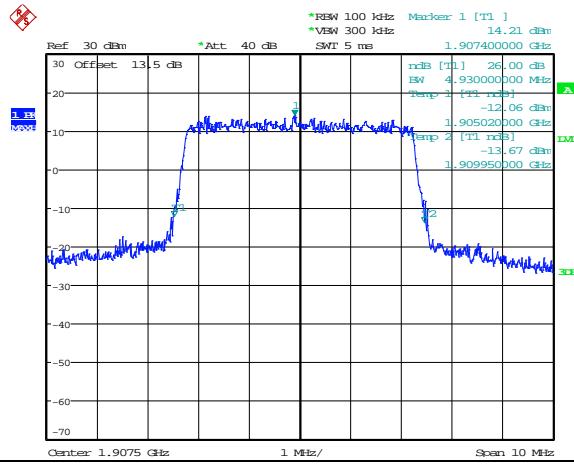
QPSK Middle channel



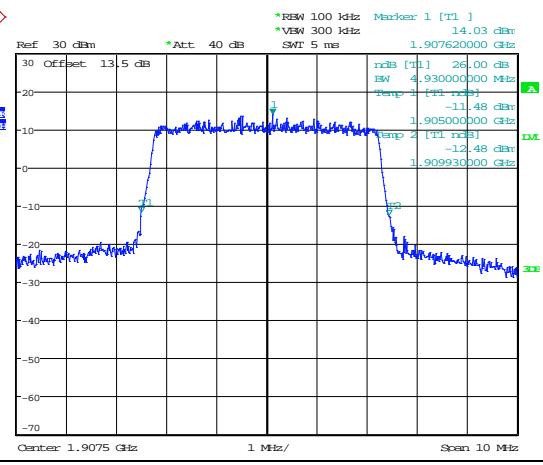
16QAM Middle channel



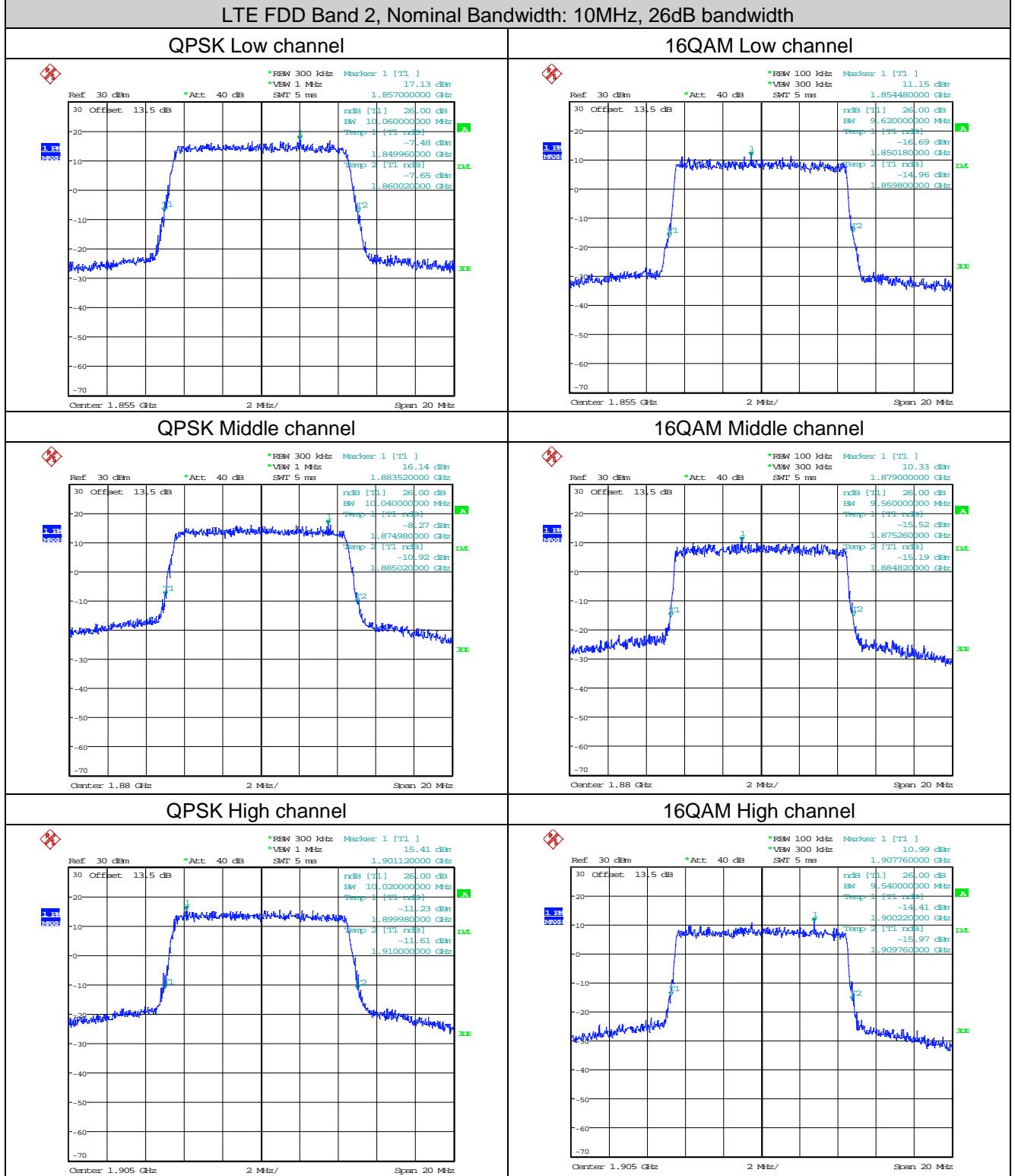
QPSK High channel



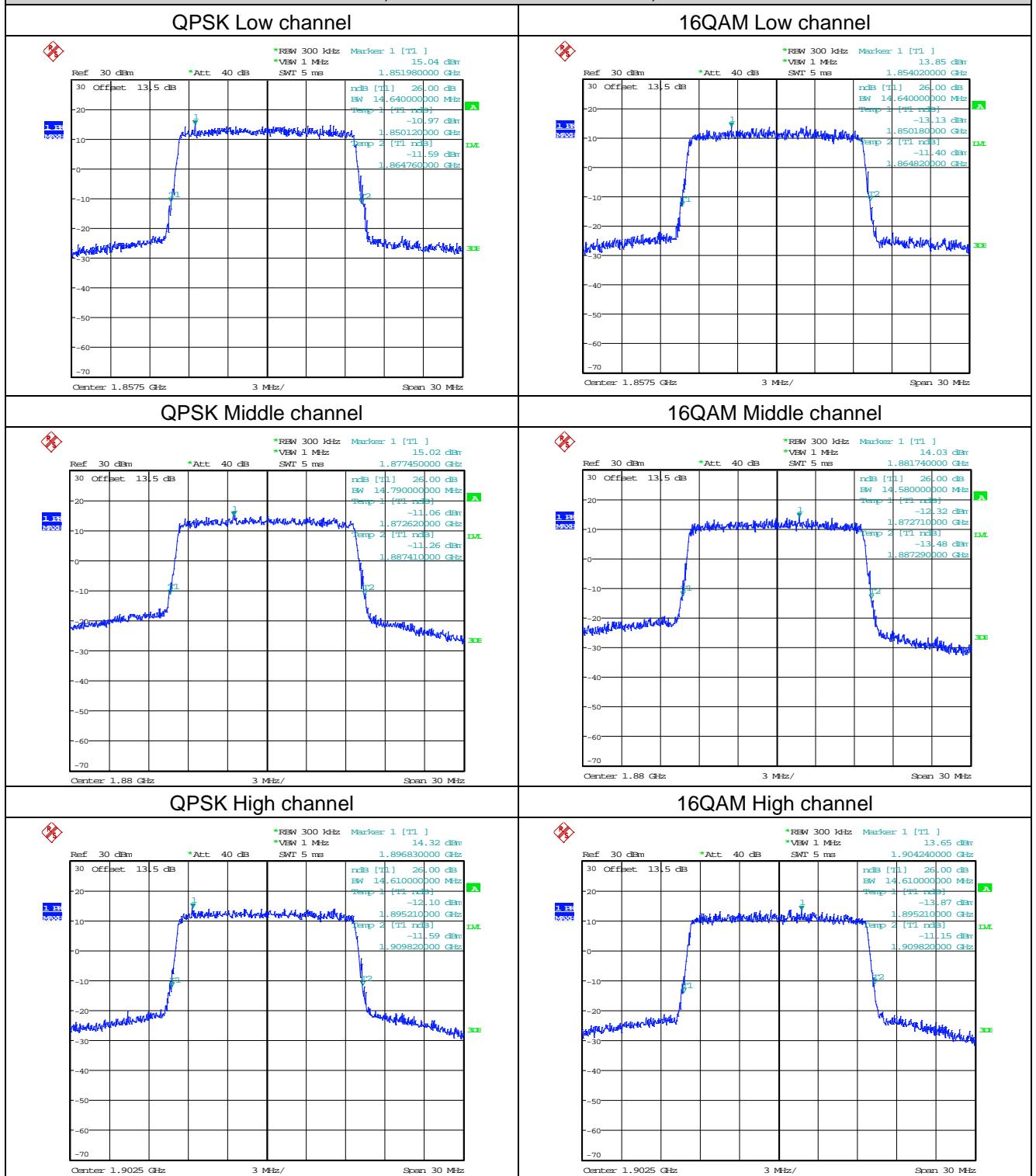
16QAM High channel



LTE FDD Band 2, Nominal Bandwidth: 10MHz, 26dB bandwidth

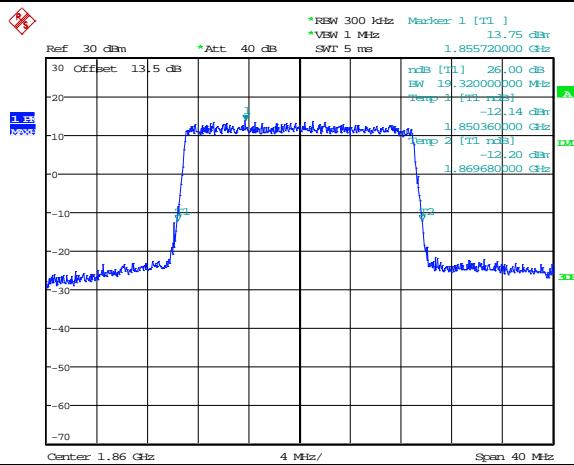


LTE FDD Band 2, Nominal Bandwidth: 15MHz, 26dB bandwidth

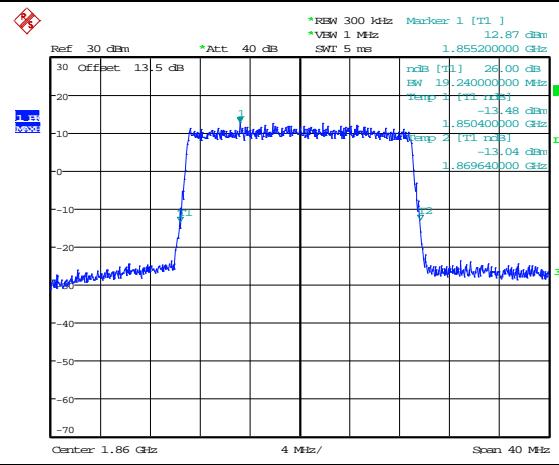


LTE FDD Band 2, Nominal Bandwidth: 20MHz, 26dB bandwidth

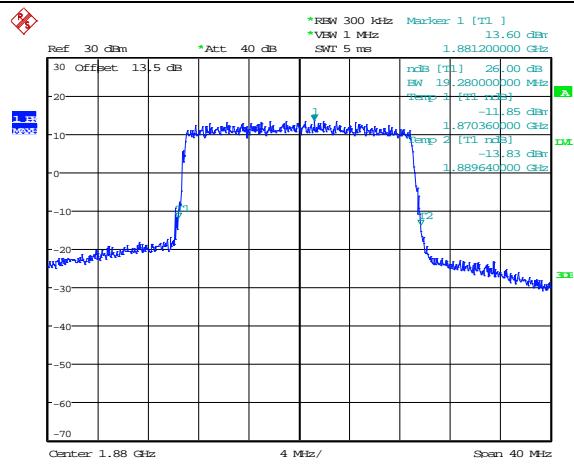
QPSK Low channel



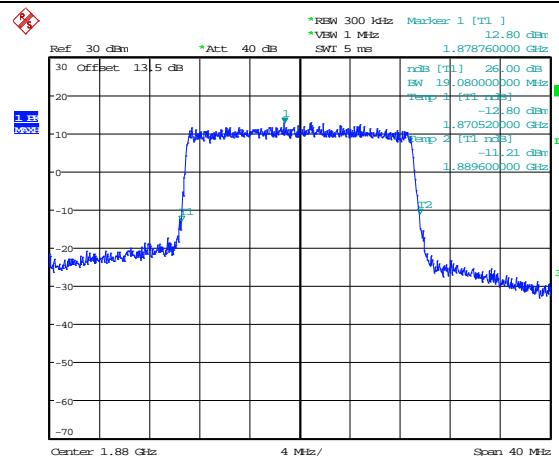
16QAM Low channel



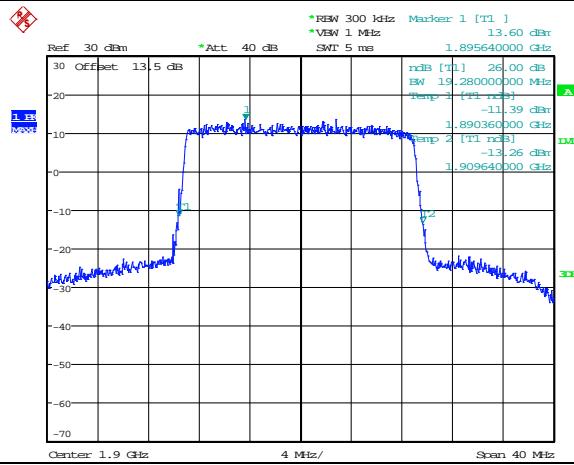
QPSK Middle channel



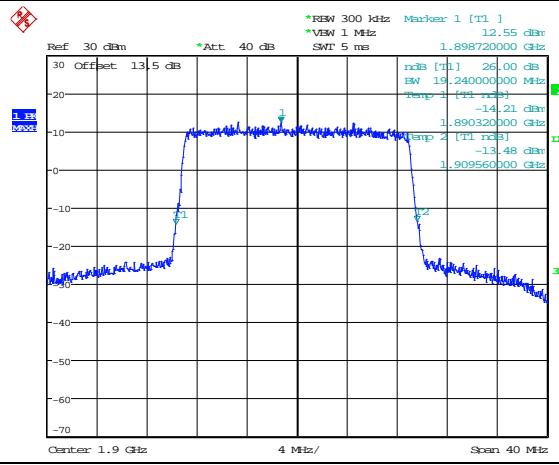
16QAM Middle channel



QPSK High channel



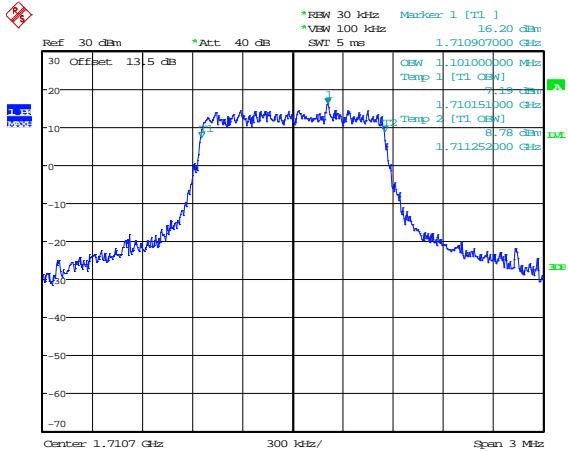
16QAM High channel



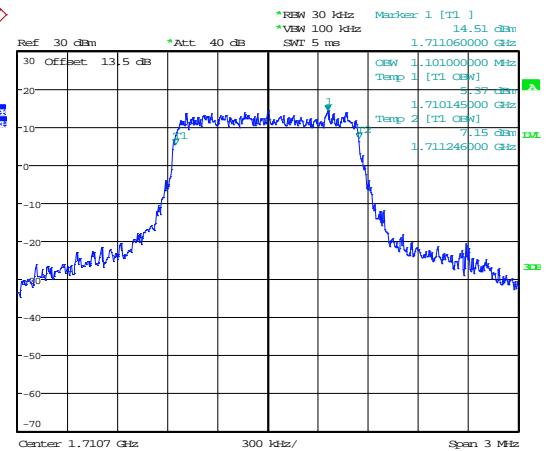
LTE FDD Band 4					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.101	1.101	1.098
		26dB bandwidth	1.248	1.254	1.269
	16QAM	OBW	1.101	1.095	1.092
		26dB bandwidth	1.269	1.275	1.272
3.0 MHz	QPSK	OBW	2.688	2.688	2.688
		26dB bandwidth	2.964	2.934	2.928
	16QAM	OBW	2.688	2.688	2.682
		26dB bandwidth	2.898	2.946	2.916
5.0 MHz	QPSK	OBW	4.490	4.500	4.500
		26dB bandwidth	4.870	4.880	4.940
	16QAM	OBW	4.490	4.480	4.490
		26dB bandwidth	4.860	4.920	4.790
10.0 MHz	QPSK	OBW	8.920	8.920	8.940
		26dB bandwidth	9.540	9.640	9.660
	16QAM	OBW	8.940	8.920	8.940
		26dB bandwidth	9.560	9.600	9.480
15.0 MHz	QPSK	OBW	13.440	13.440	13.440
		26dB bandwidth	14.550	14.760	14.880
	16QAM	OBW	13.440	13.410	13.500
		26dB bandwidth	14.640	14.610	14.550
20.0 MHz	QPSK	OBW	17.920	17.840	17.920
		26dB bandwidth	19.160	19.240	19.240
	16QAM	OBW	17.880	17.840	17.920
		26dB bandwidth	19.280	19.000	19.280

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz, OBW

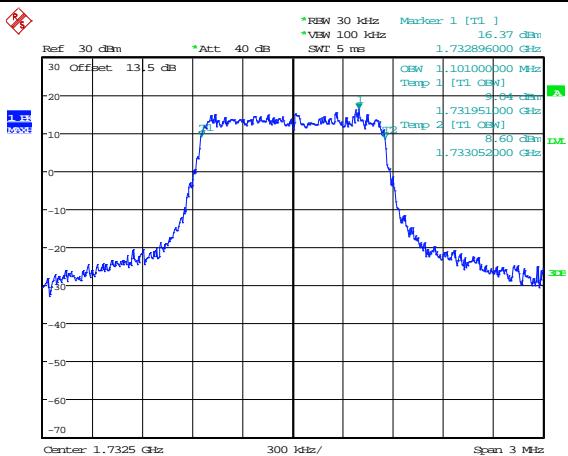
QPSK Low channel



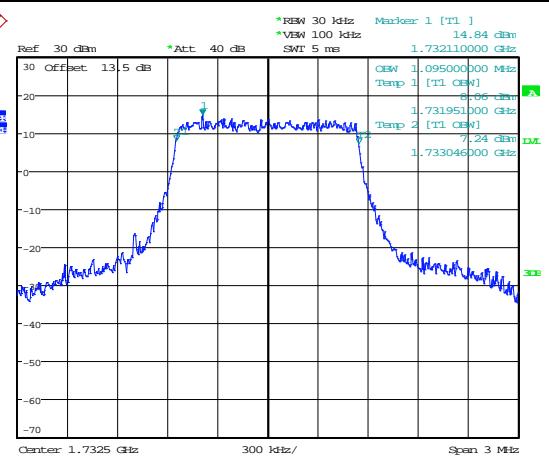
16QAM Low channel



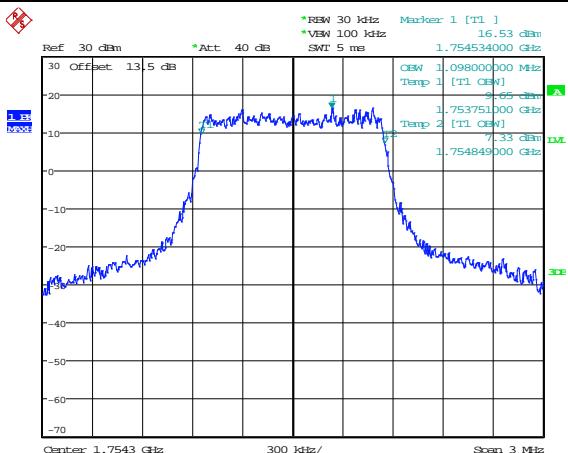
QPSK Middle channel



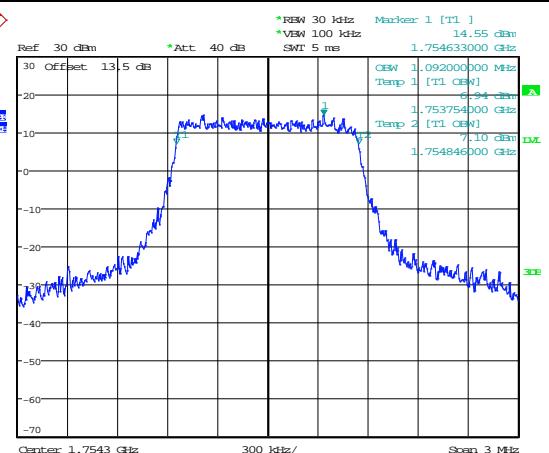
16QAM Middle channel



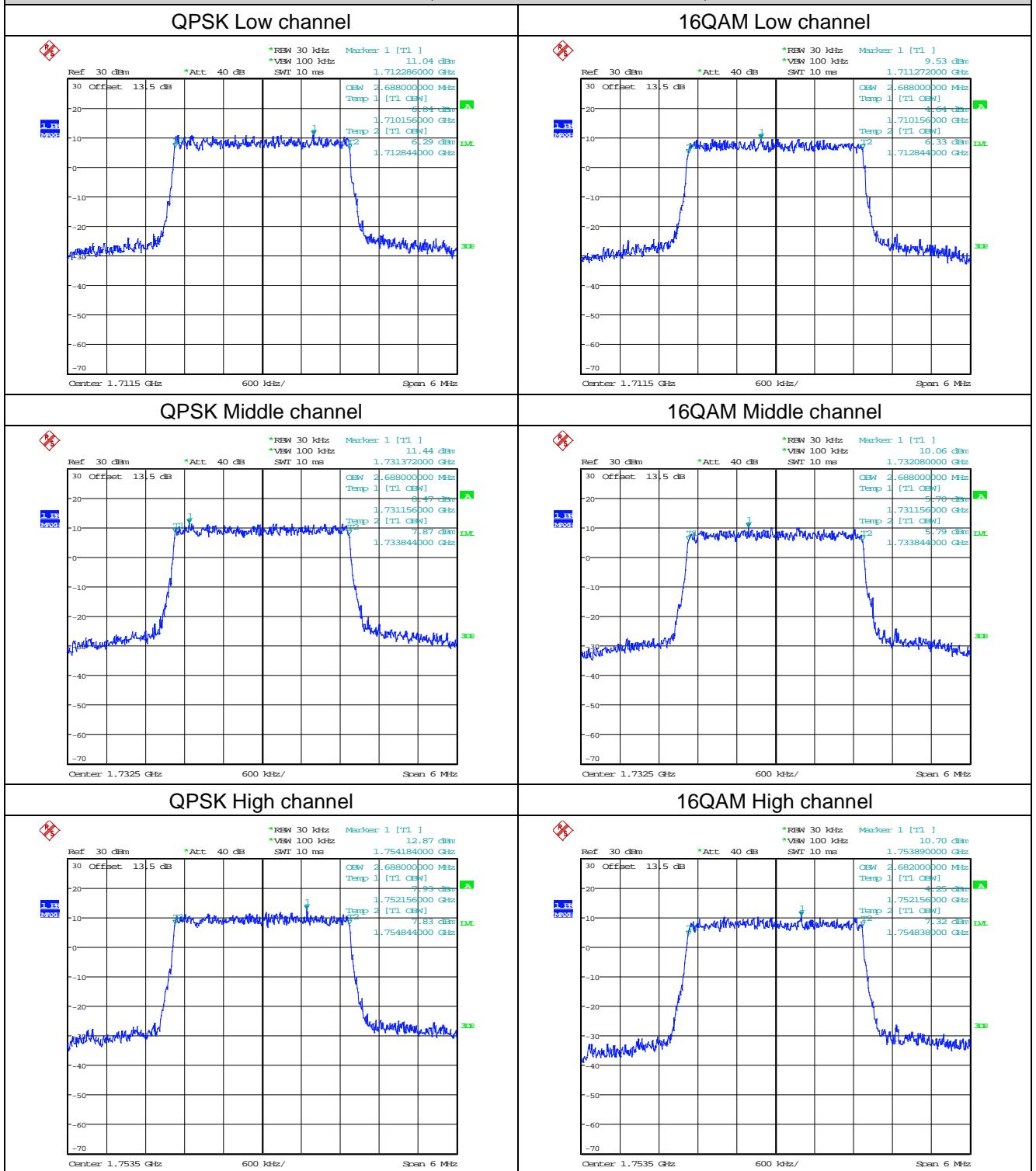
QPSK High channel



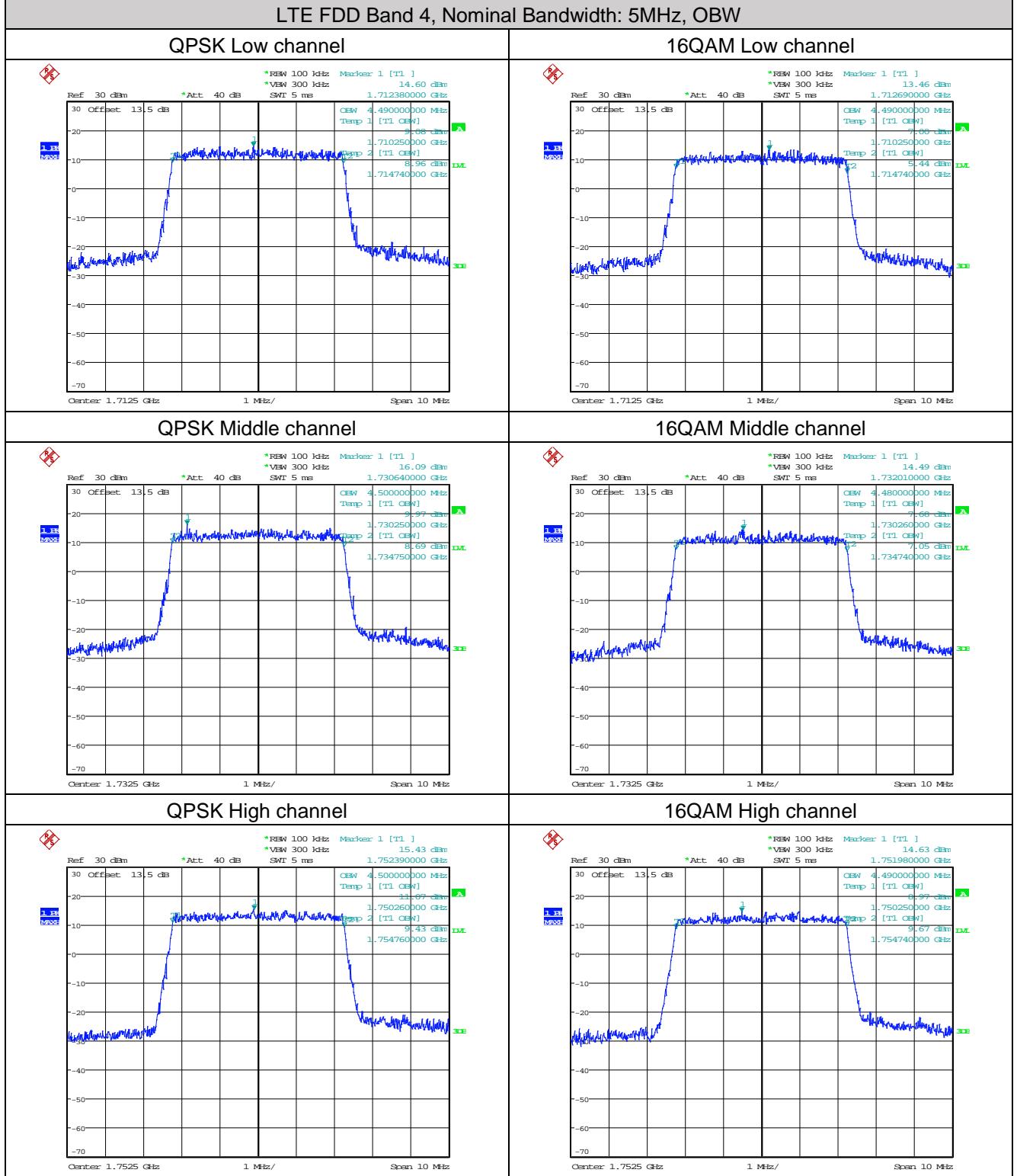
16QAM High channel



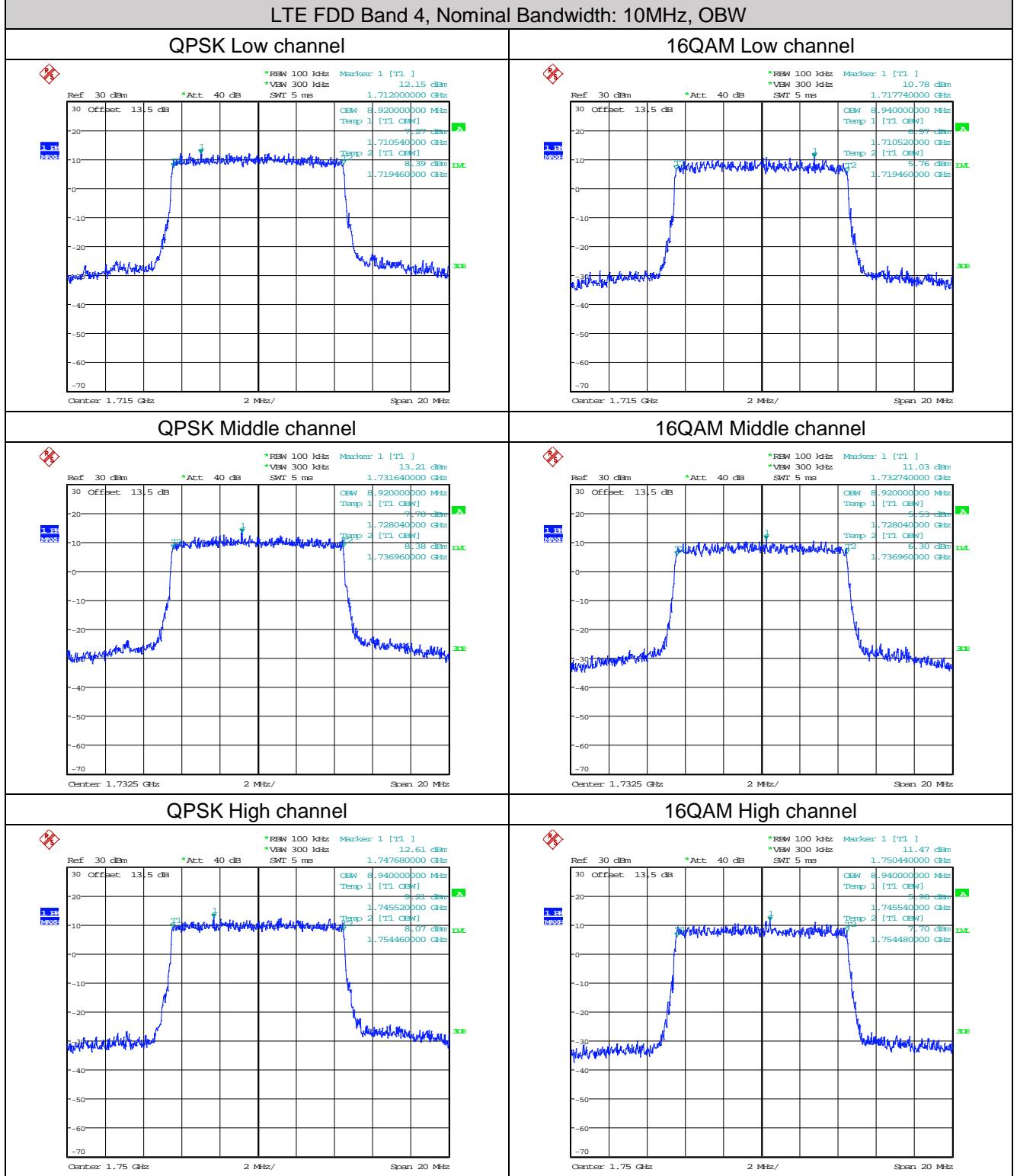
LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, OBW



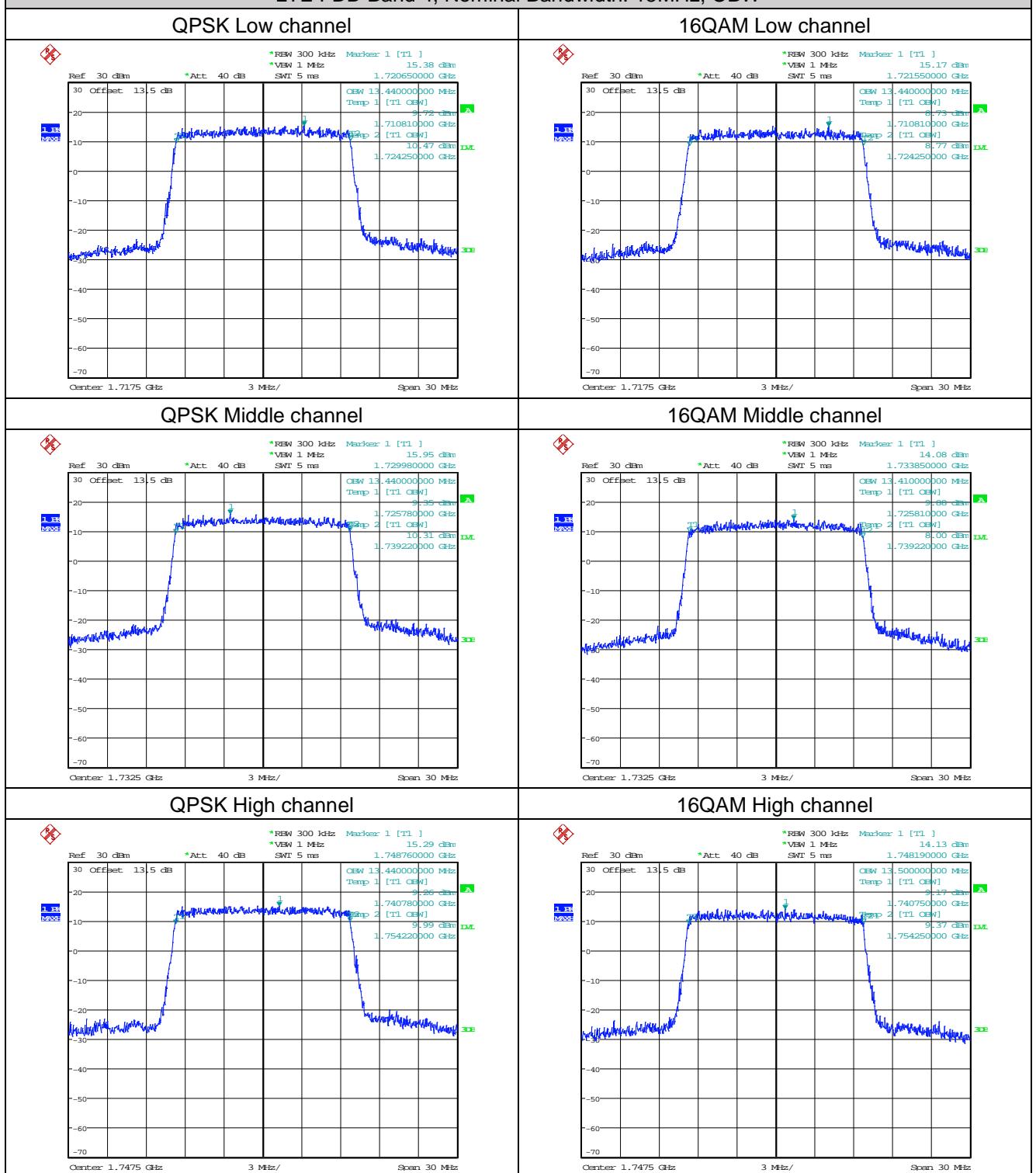
LTE FDD Band 4, Nominal Bandwidth: 5MHz, OBW



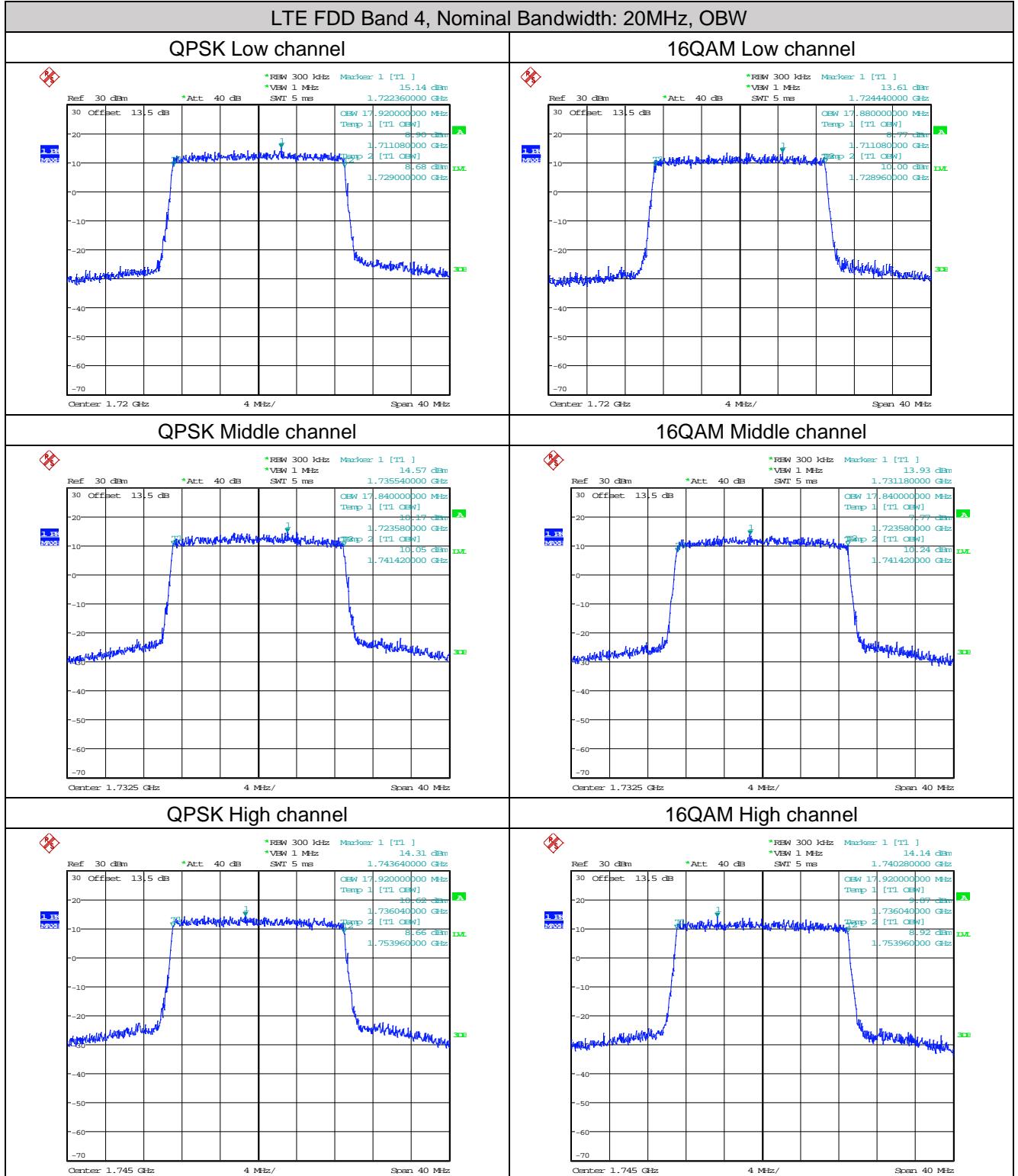
LTE FDD Band 4, Nominal Bandwidth: 10MHz, OBW



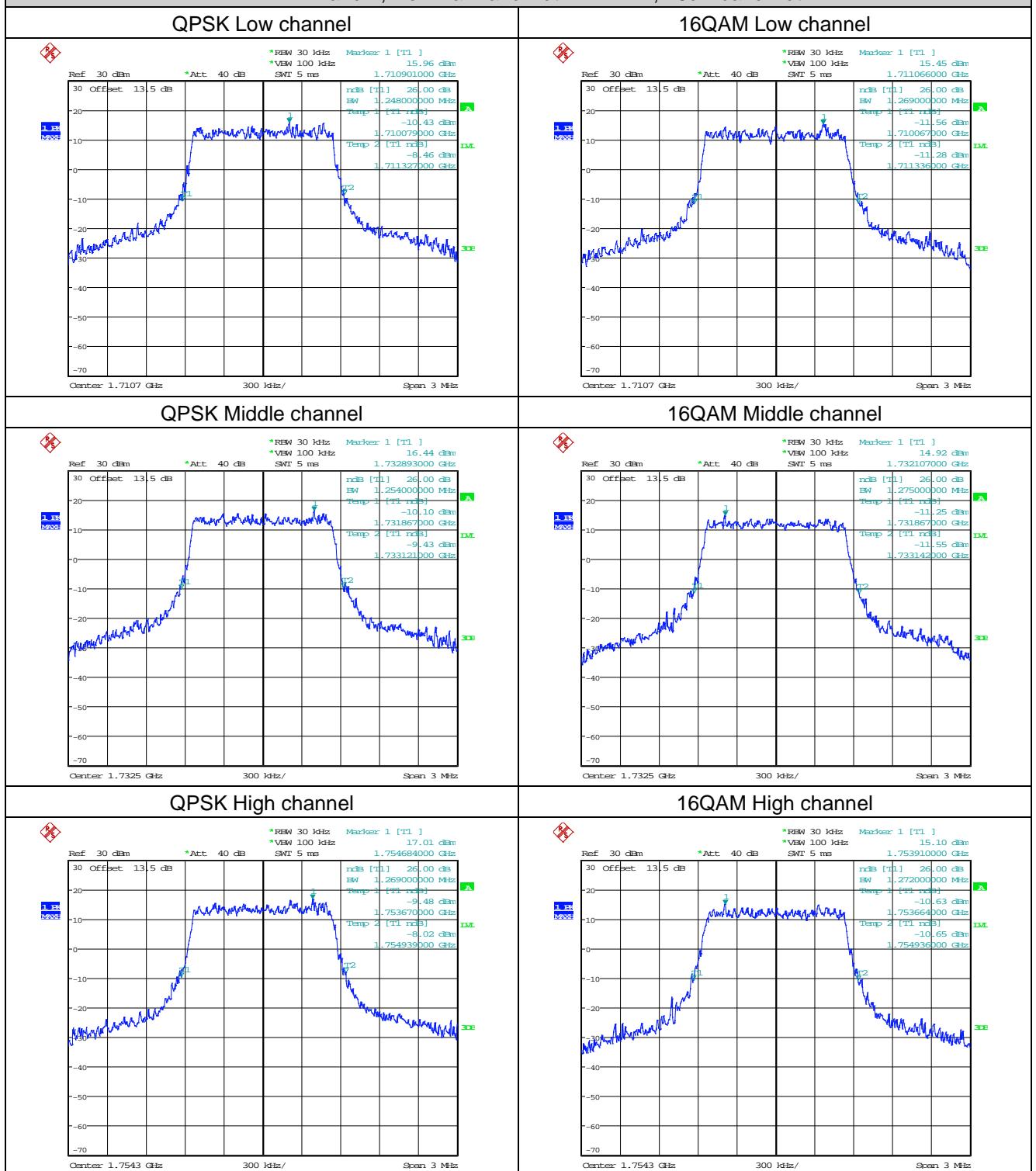
LTE FDD Band 4, Nominal Bandwidth: 15MHz, OBW



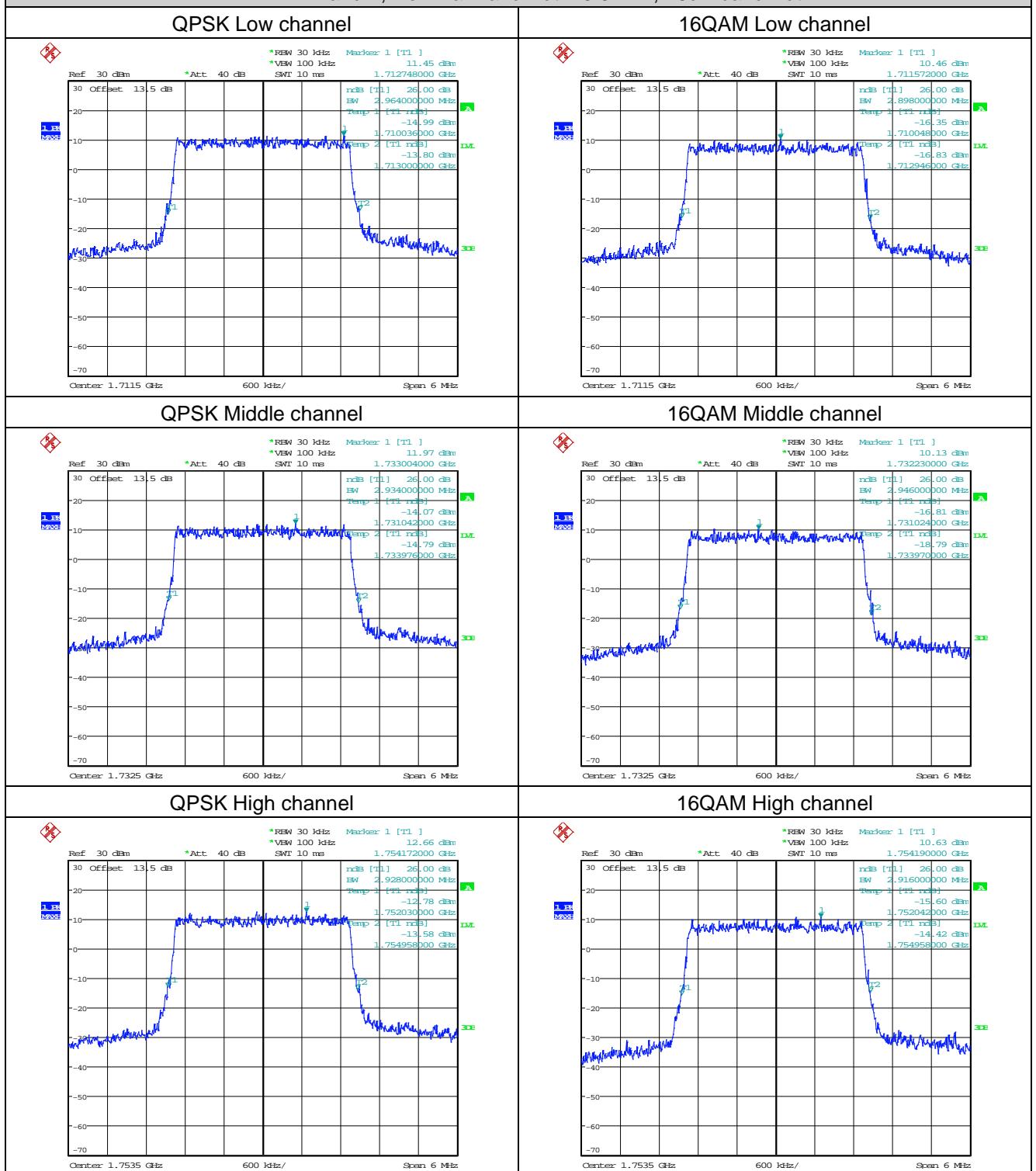
LTE FDD Band 4, Nominal Bandwidth: 20MHz, OBW



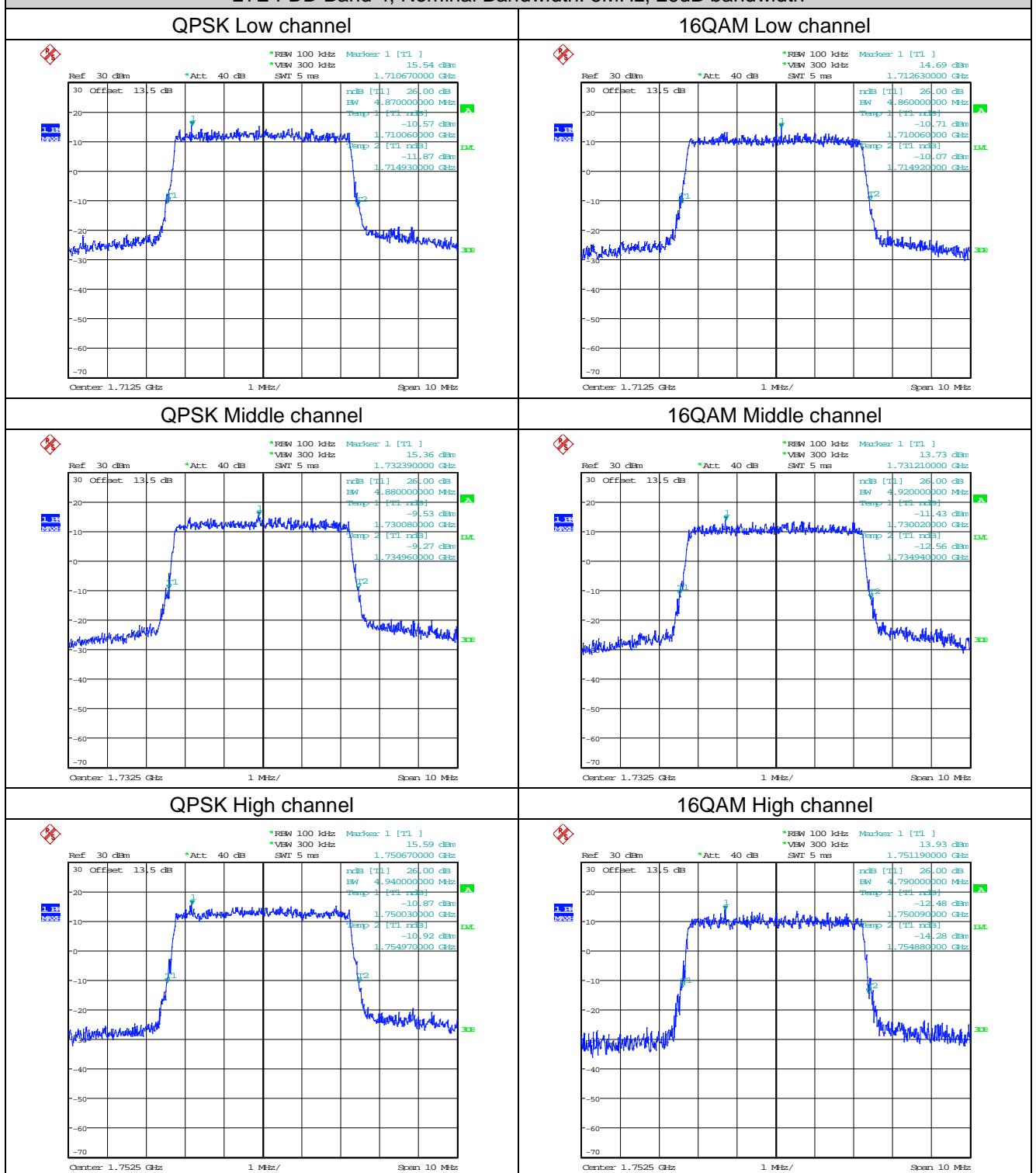
LTE FDD Band 4, Nominal Bandwidth: 1.4MHz, 26dB bandwidth



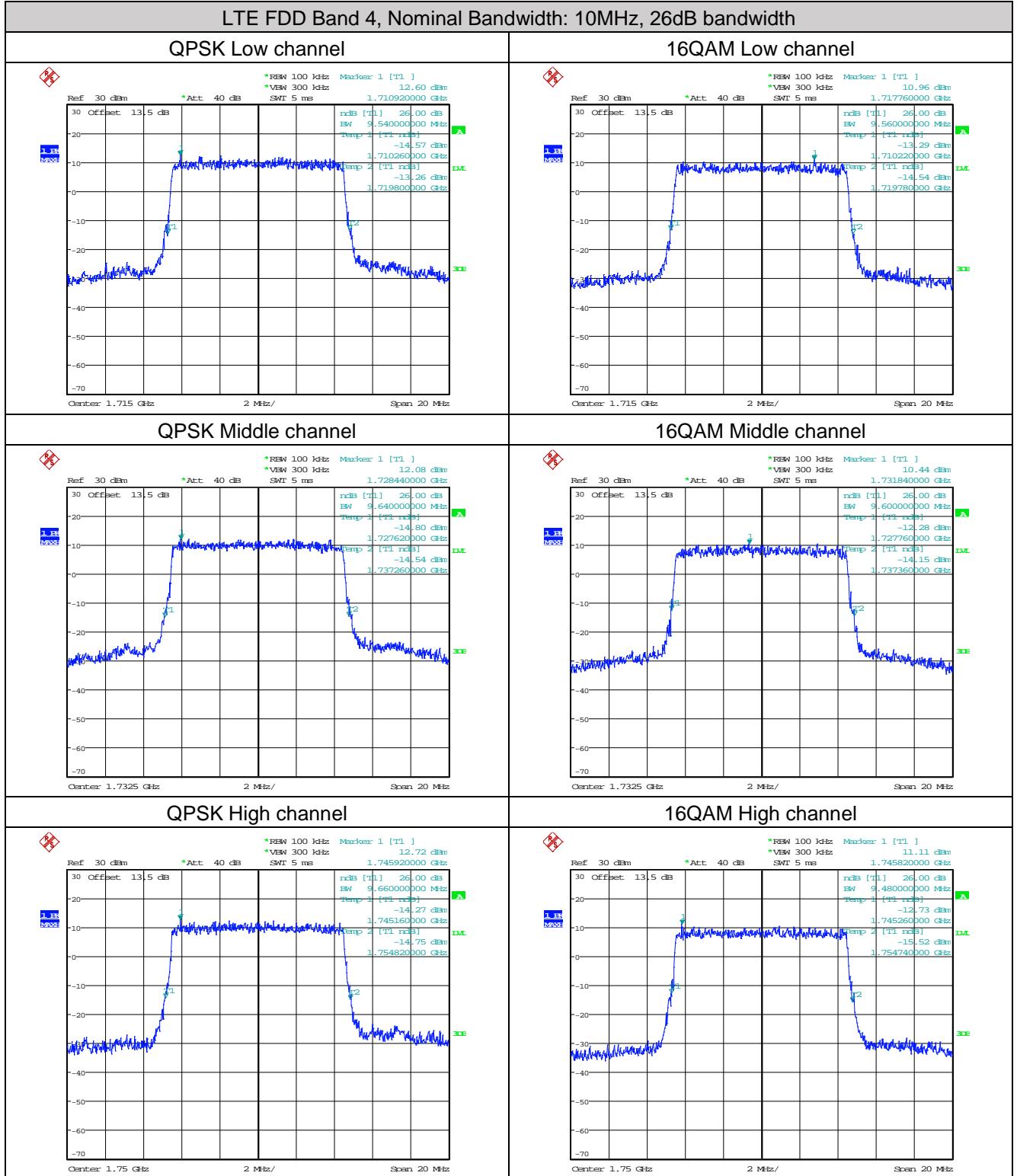
LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, 26dB bandwidth



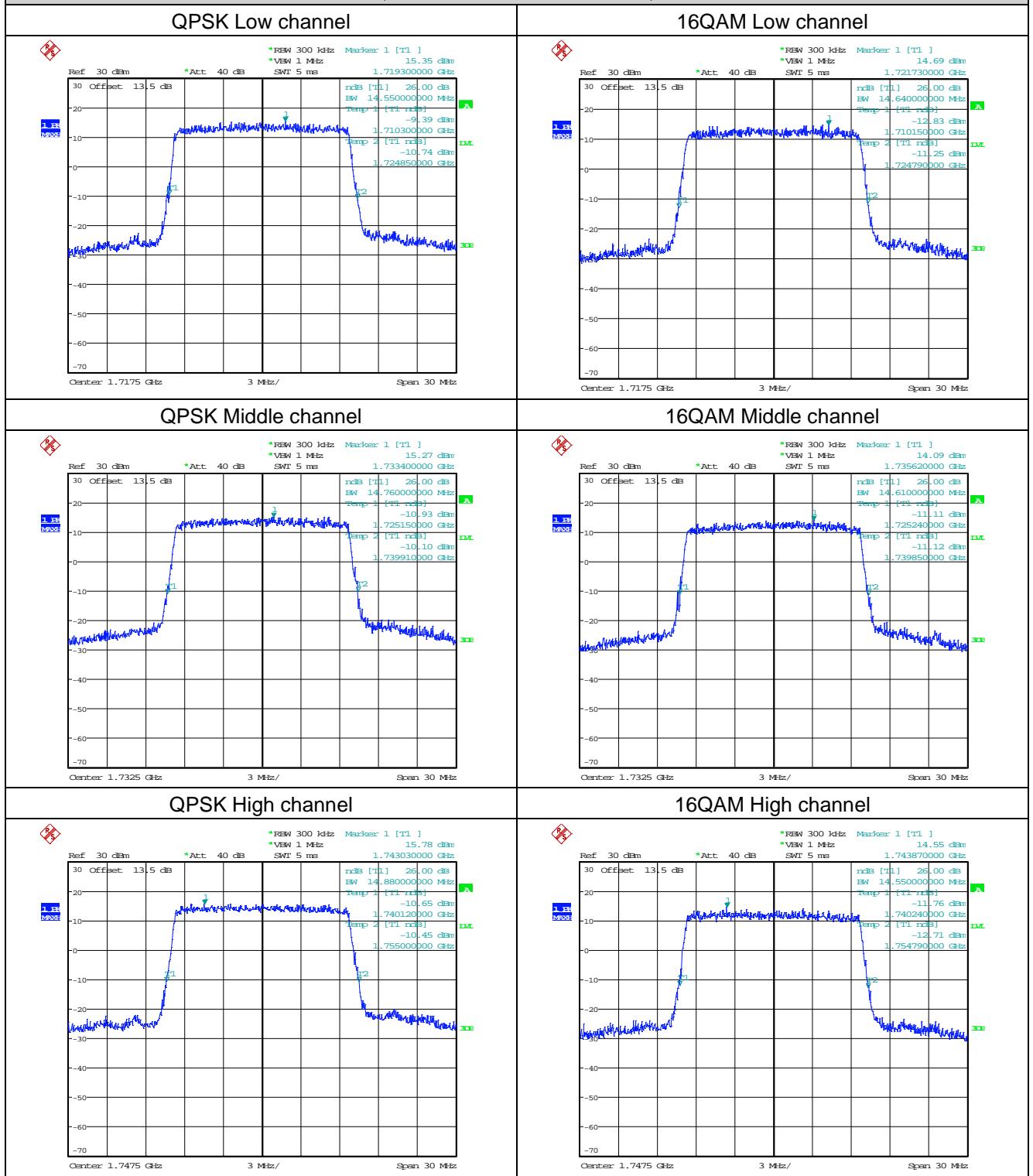
LTE FDD Band 4, Nominal Bandwidth: 5MHz, 26dB bandwidth



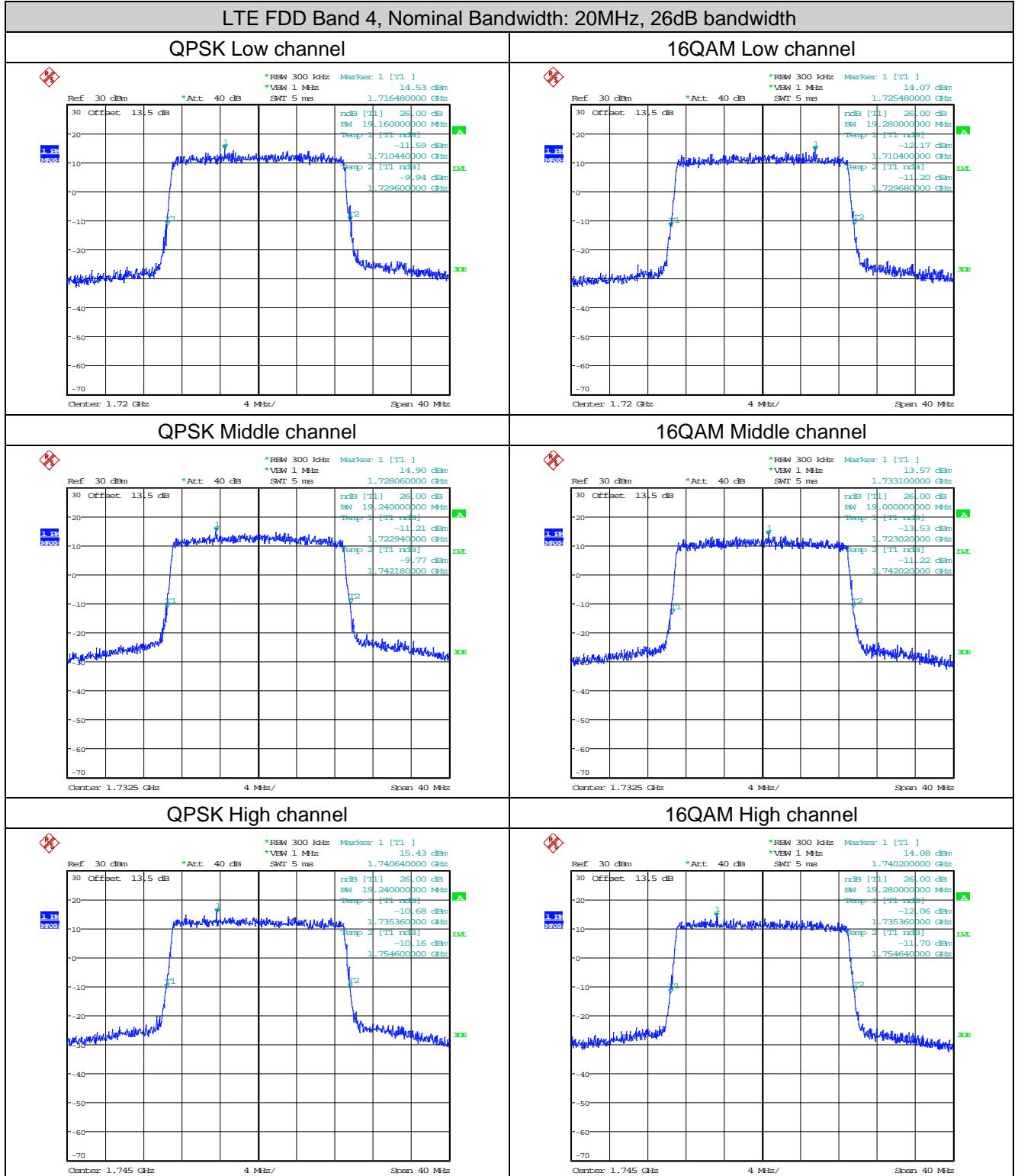
LTE FDD Band 4, Nominal Bandwidth: 10MHz, 26dB bandwidth



LTE FDD Band 4, Nominal Bandwidth: 15MHz, 26dB bandwidth

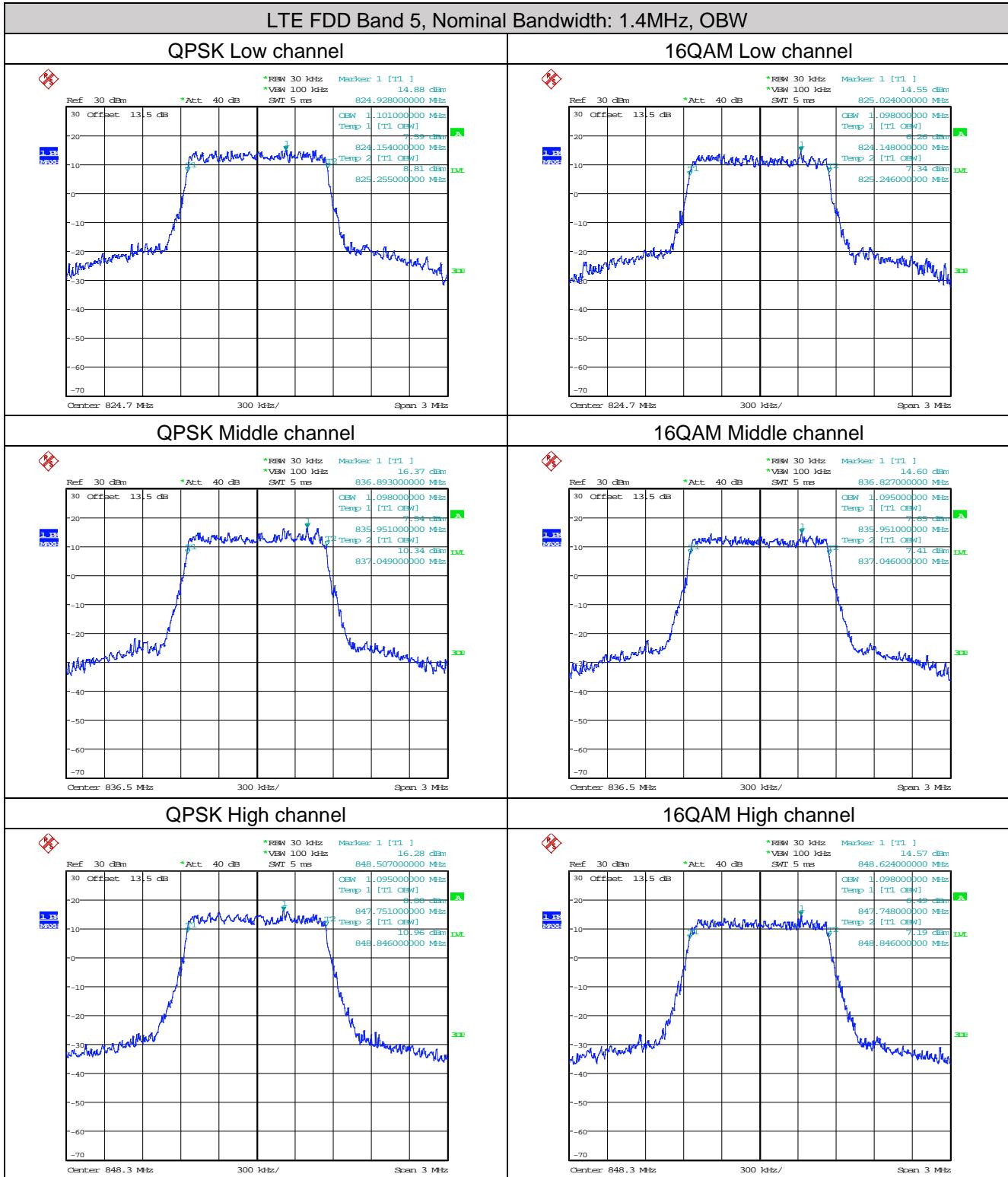


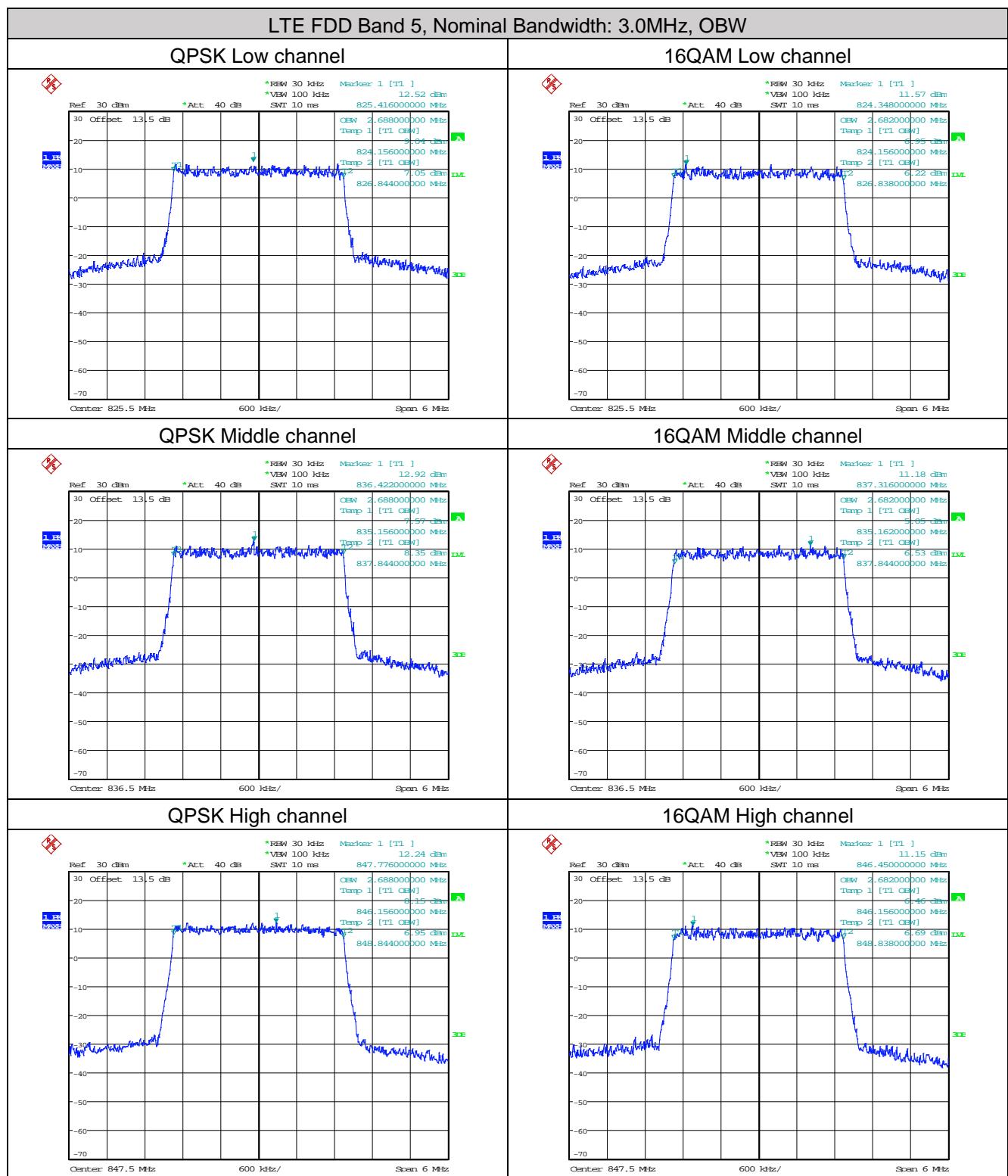
LTE FDD Band 4, Nominal Bandwidth: 20MHz, 26dB bandwidth



LTE FDD Band 5					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.101	1.098	1.095
		26dB bandwidth	1.257	1.257	1.269
	16QAM	OBW	1.098	1.095	1.098
		26dB bandwidth	1.287	1.302	1.284
3.0 MHz	QPSK	OBW	2.688	2.688	2.688
		26dB bandwidth	2.970	2.904	2.946
	16QAM	OBW	2.682	2.682	2.682
		26dB bandwidth	2.922	2.910	2.916
5.0 MHz	QPSK	OBW	4.500	4.490	4.490
		26dB bandwidth	4.920	4.920	4.960
	16QAM	OBW	4.480	4.480	4.470
		26dB bandwidth	4.910	4.900	4.820
10.0 MHz	QPSK	OBW	8.940	8.900	8.920
		26dB bandwidth	9.600	9.500	9.560
	16QAM	OBW	8.960	8.920	8.920
		26dB bandwidth	9.740	9.560	9.580

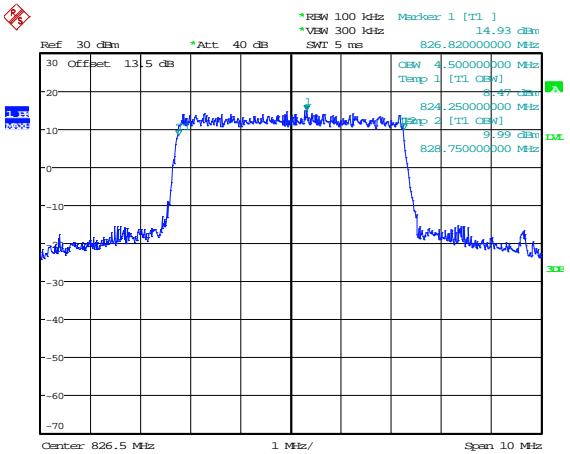
LTE FDD Band 5, Nominal Bandwidth: 1.4MHz, OBW



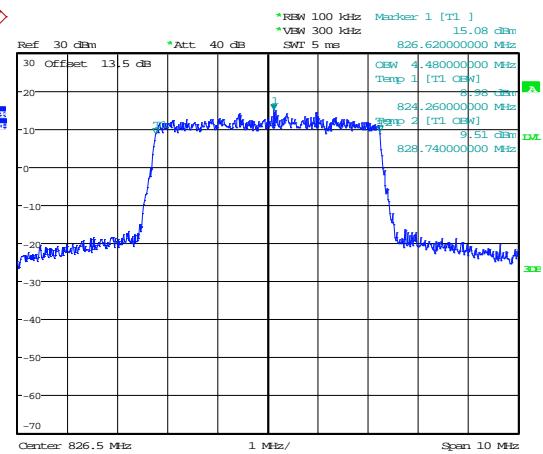


LTE FDD Band 5, Nominal Bandwidth: 5MHz, OBW

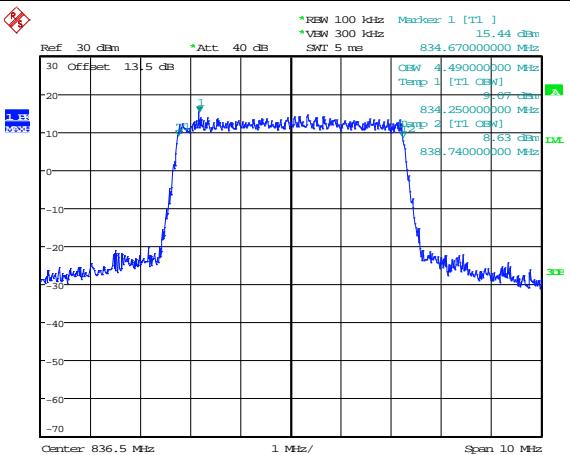
QPSK Low channel



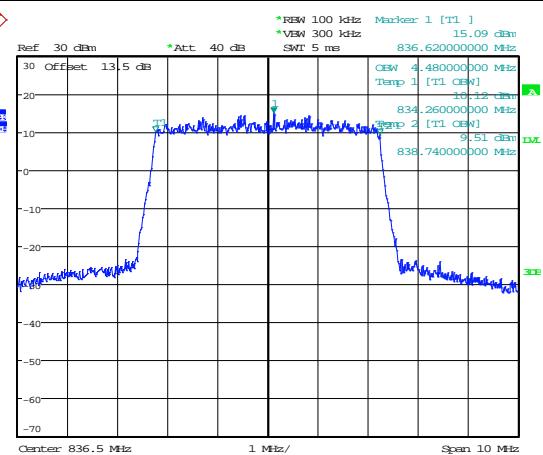
16QAM Low channel



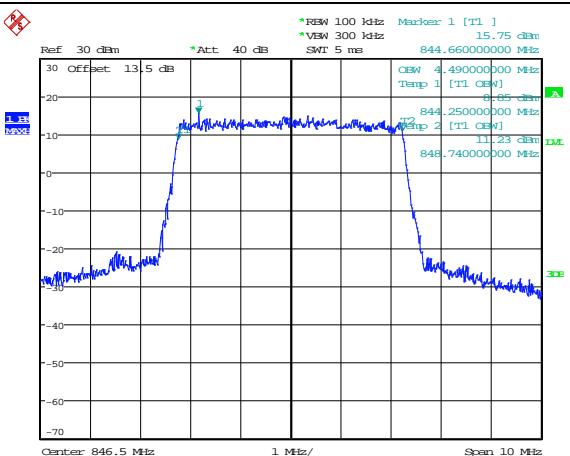
QPSK Middle channel



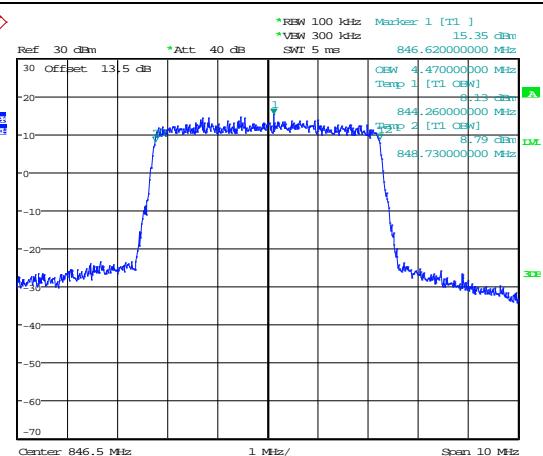
16QAM Middle channel



QPSK High channel

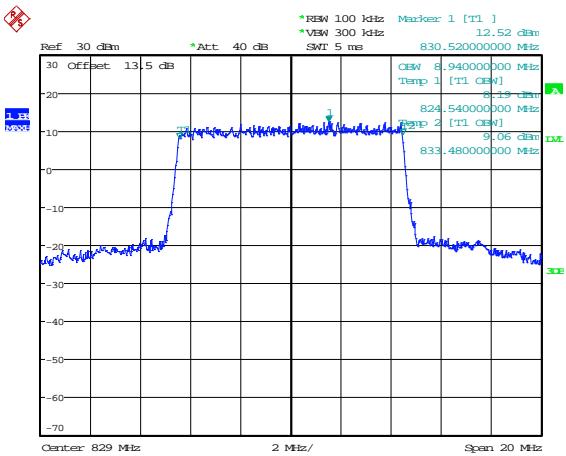


16QAM High channel

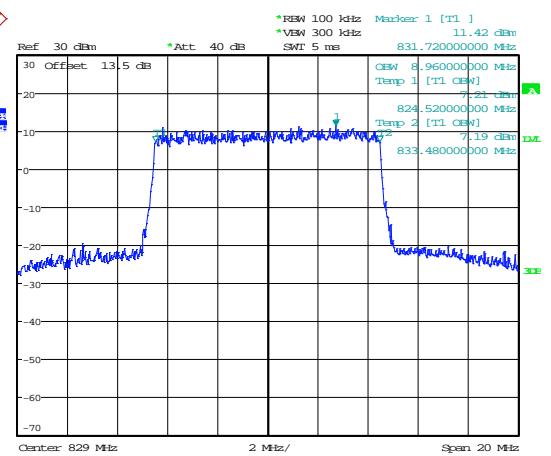


LTE FDD Band 5, Nominal Bandwidth: 10MHz, OBW

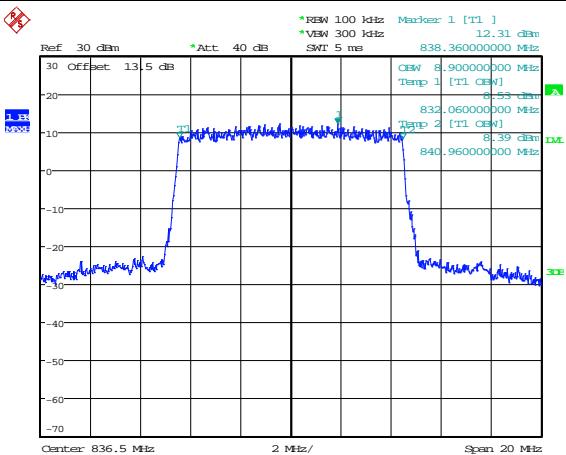
QPSK Low channel



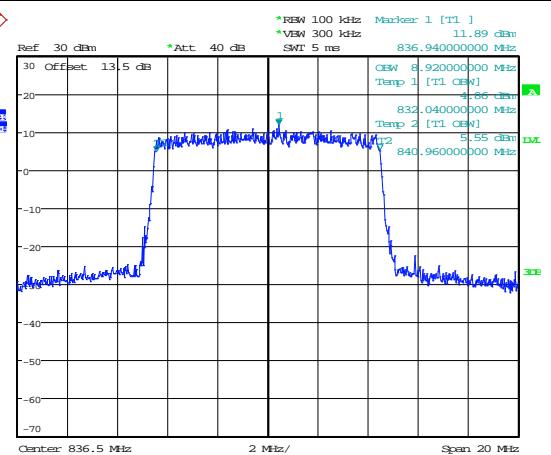
16QAM Low channel



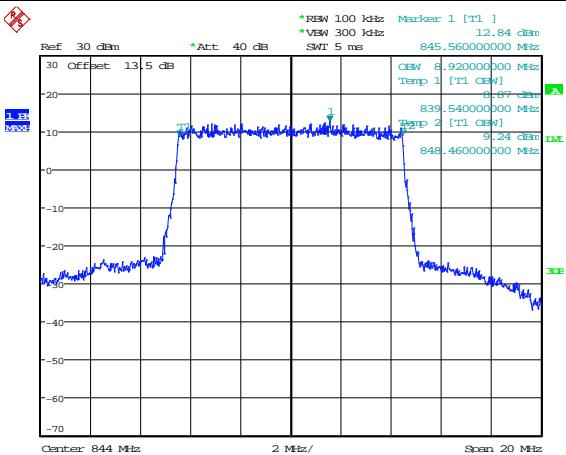
QPSK Middle channel



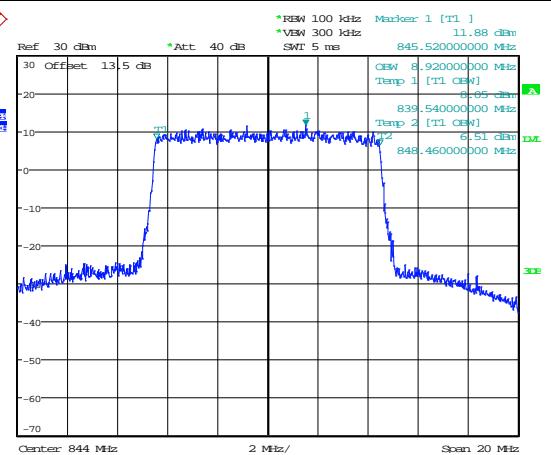
16QAM Middle channel



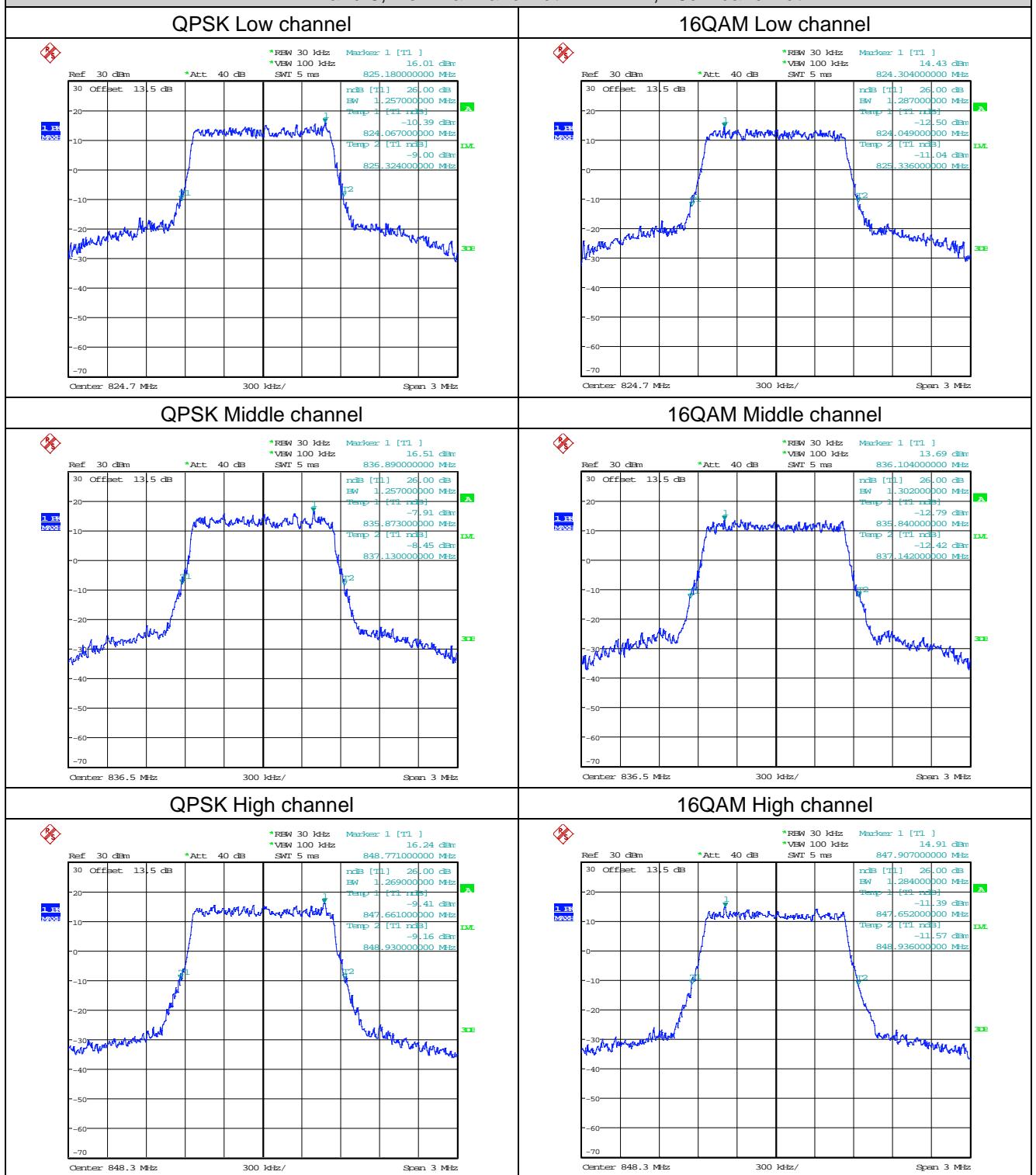
QPSK High channel



16QAM High channel

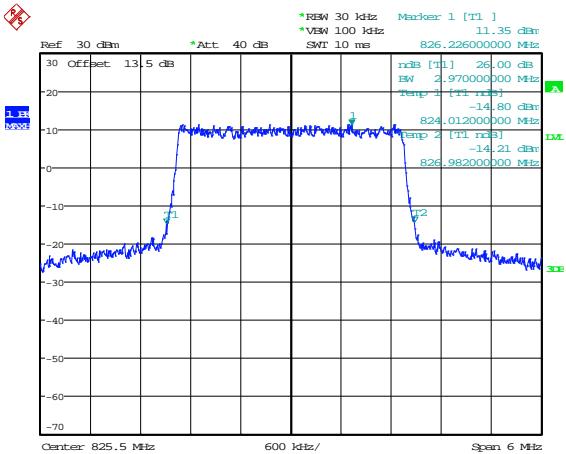


LTE FDD Band 5, Nominal Bandwidth: 1.4MHz, 26dB bandwidth

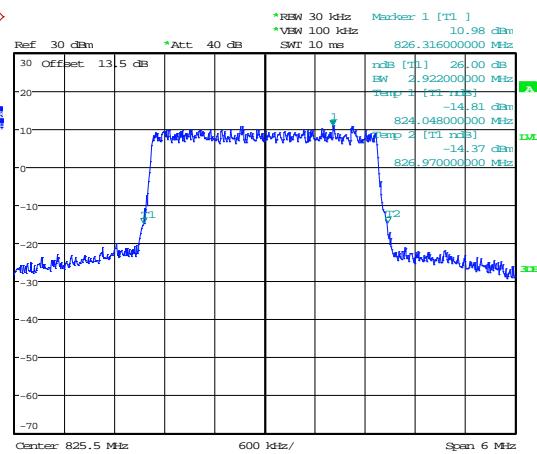


LTE FDD Band 5, Nominal Bandwidth: 3.0MHz, 26dB bandwidth

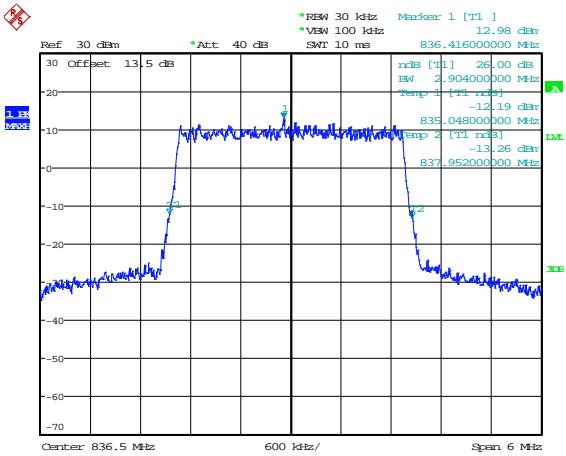
QPSK Low channel



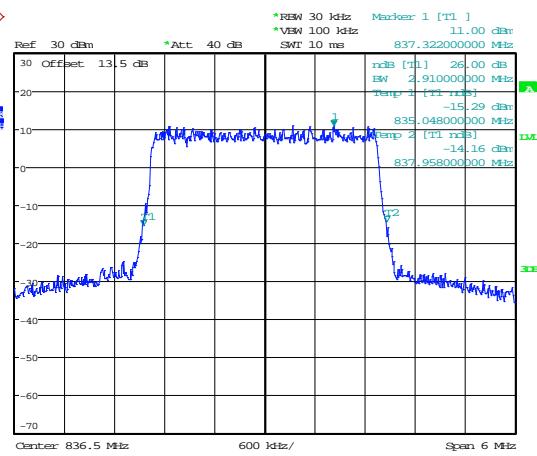
16QAM Low channel



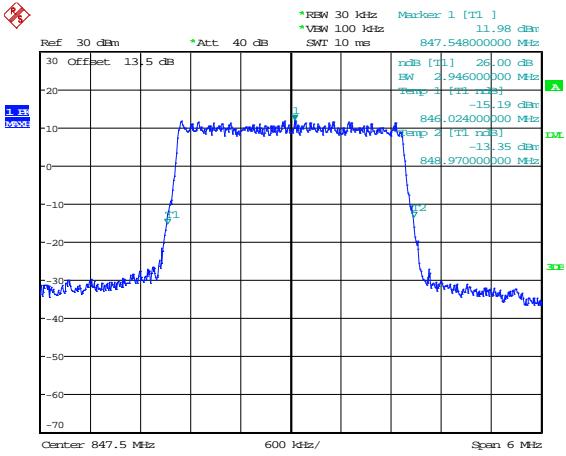
QPSK Middle channel



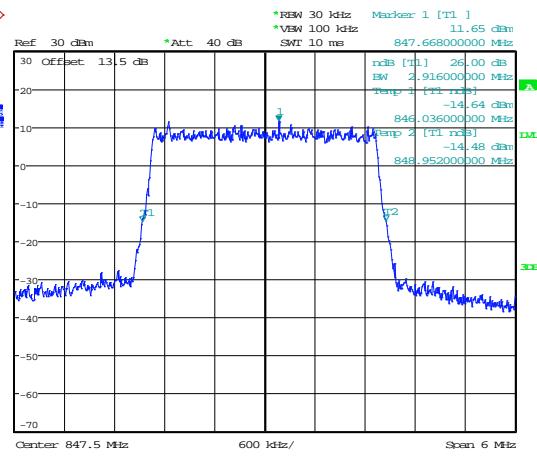
16QAM Middle channel

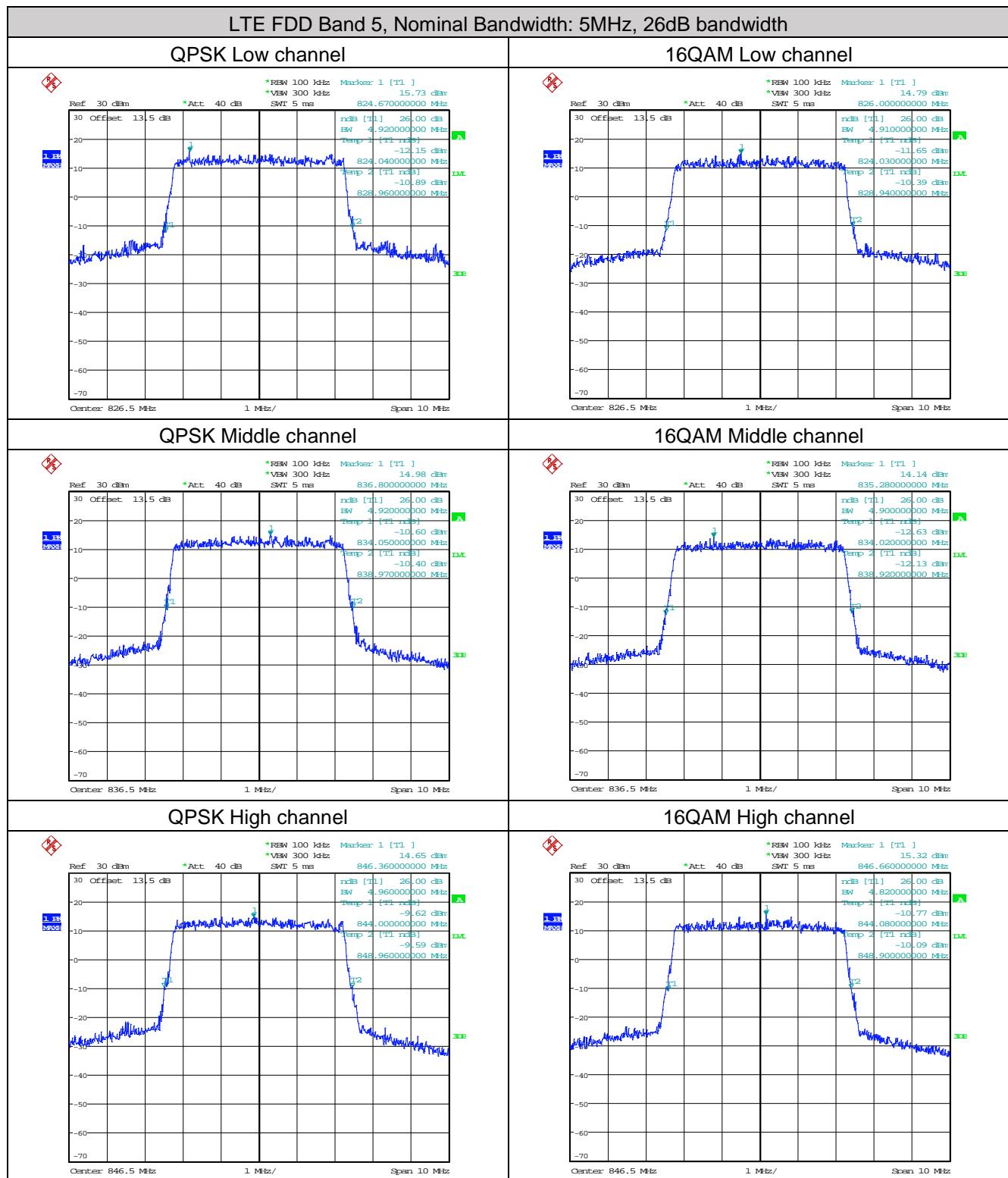


QPSK High channel



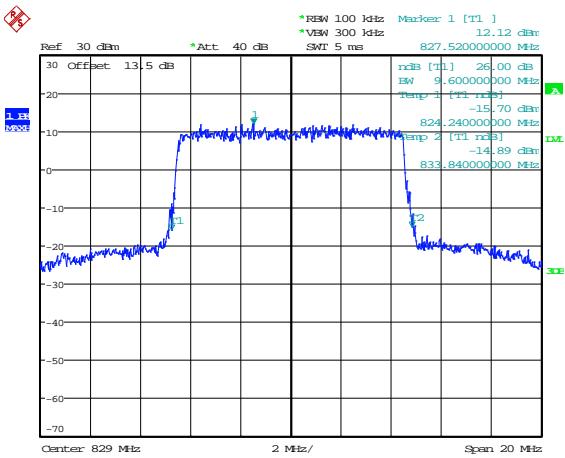
16QAM High channel



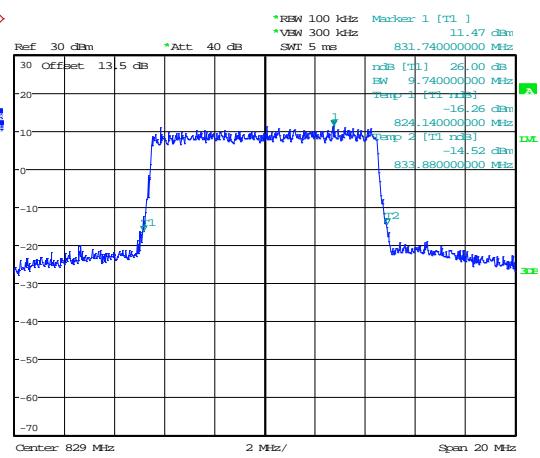


LTE FDD Band 5, Nominal Bandwidth: 10MHz, 26dB bandwidth

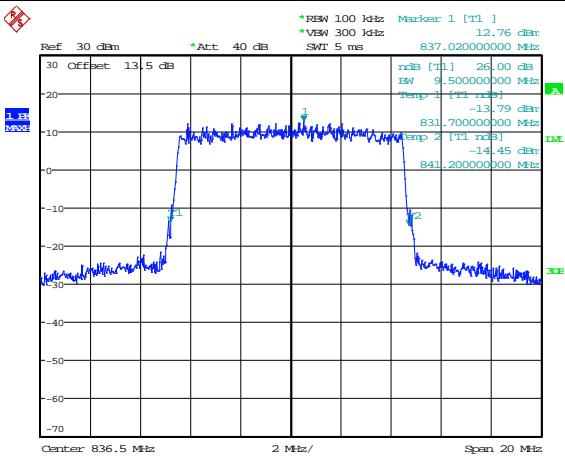
QPSK Low channel



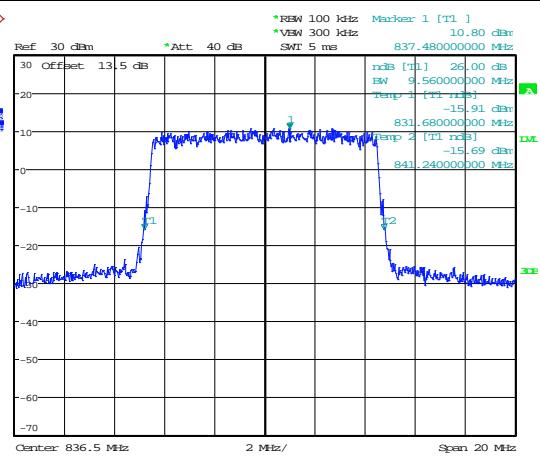
16QAM Low channel



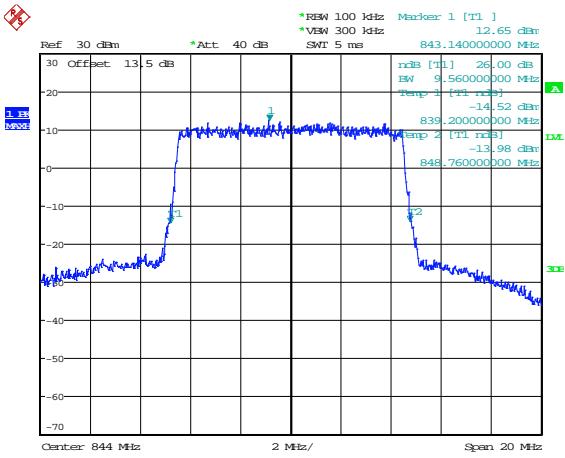
QPSK Middle channel



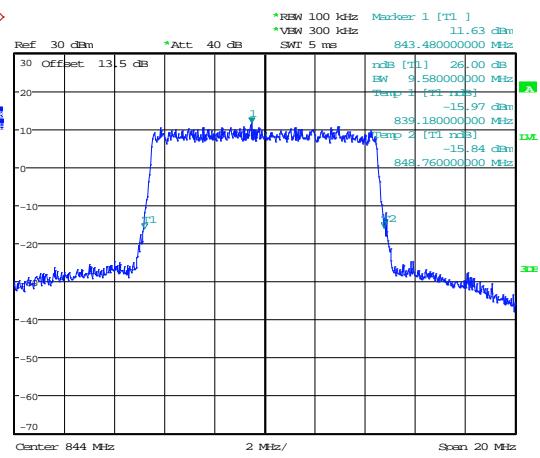
16QAM Middle channel



QPSK High channel

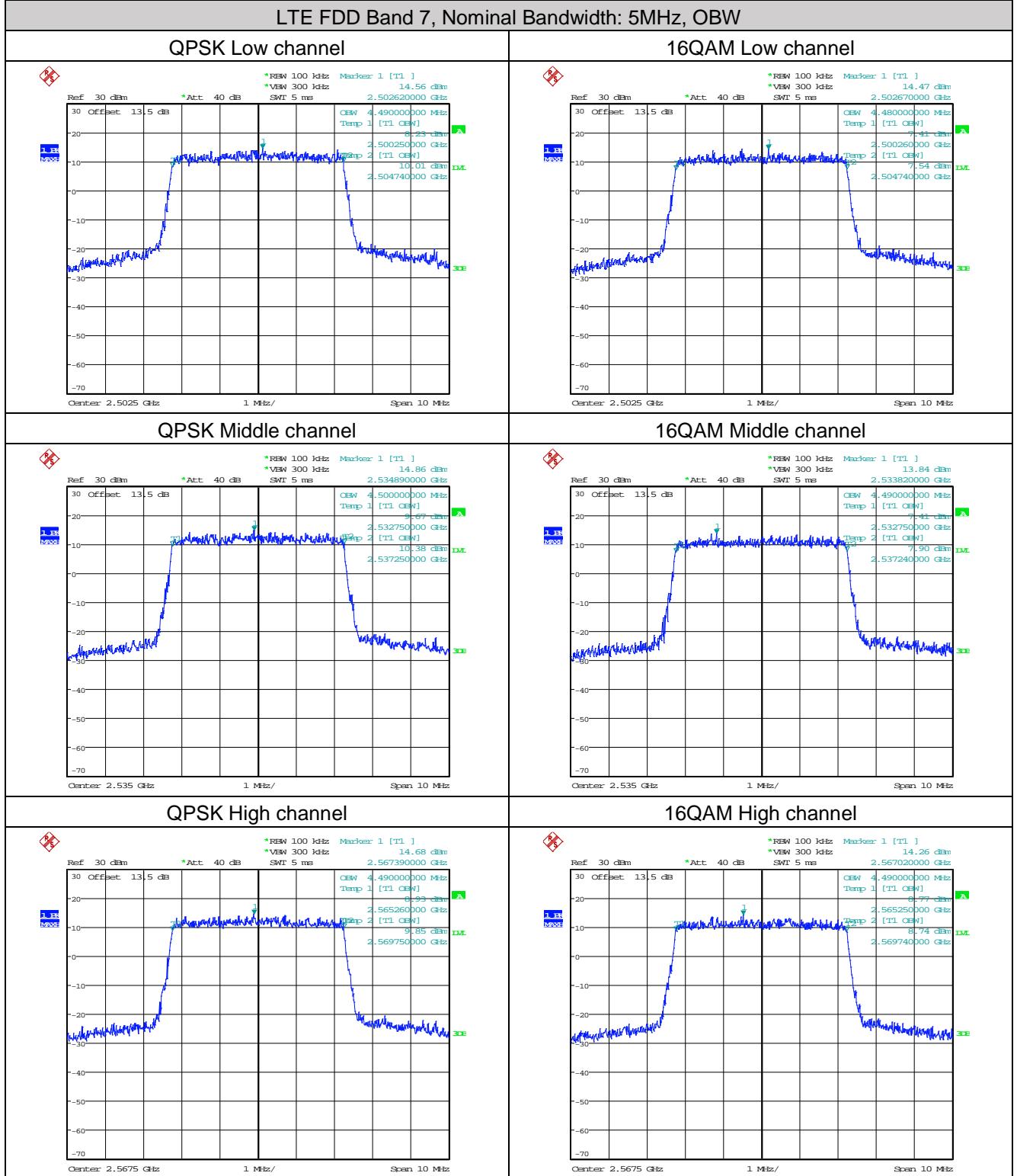


16QAM High channel



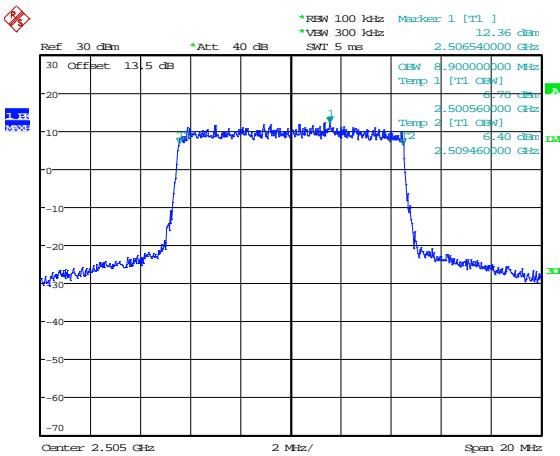
LTE FDD Band 7					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	4.490	4.500	4.490
		26dB bandwidth	4.930	4.910	4.920
	16QAM	OBW	4.480	4.490	4.490
		26dB bandwidth	4.880	4.900	4.920
10.0 MHz	QPSK	OBW	8.900	8.940	8.920
		26dB bandwidth	9.540	9.580	9.560
	16QAM	OBW	8.920	8.920	8.920
		26dB bandwidth	9.520	9.600	9.460
15.0 MHz	QPSK	OBW	13.440	13.440	13.440
		26dB bandwidth	14.700	14.580	14.520
	16QAM	OBW	13.440	13.470	13.470
		26dB bandwidth	14.730	14.610	14.700
20.0 MHz	QPSK	OBW	17.880	17.920	17.920
		26dB bandwidth	19.280	19.360	19.280
	16QAM	OBW	17.840	17.920	17.880
		26dB bandwidth	19.160	19.120	19.200

LTE FDD Band 7, Nominal Bandwidth: 5MHz, OBW

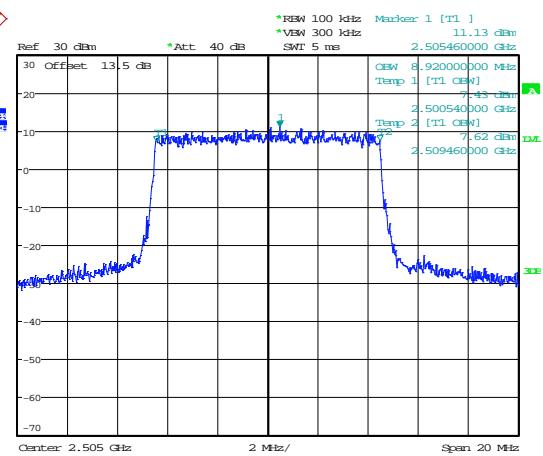


LTE FDD Band 7, Nominal Bandwidth: 10MHz, OBW

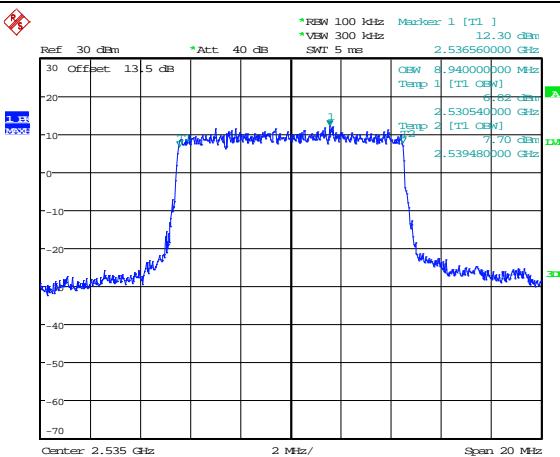
QPSK Low channel



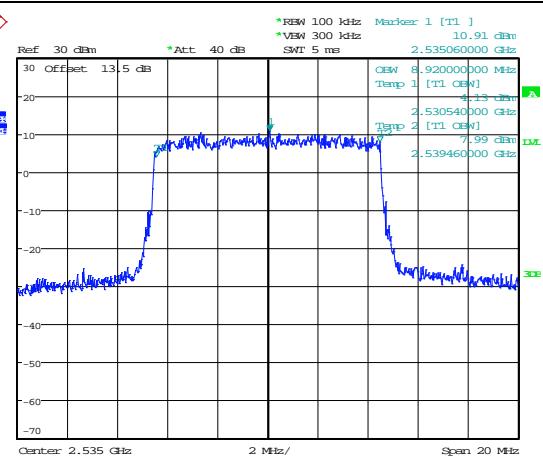
16QAM Low channel



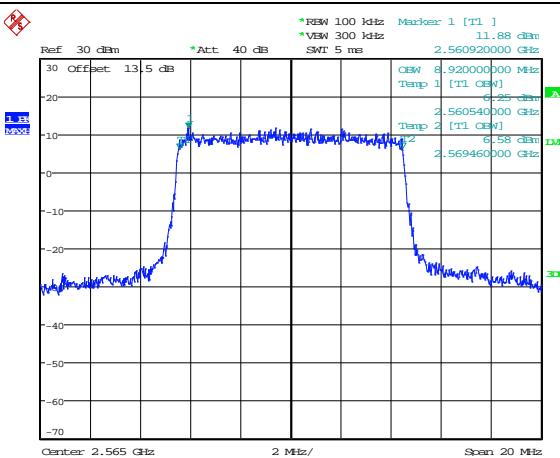
QPSK Middle channel



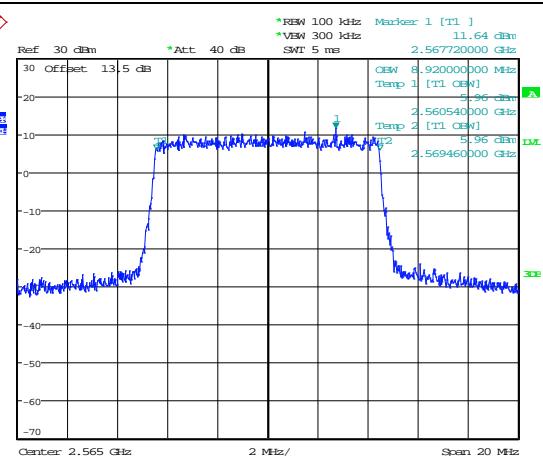
16QAM Middle channel



QPSK High channel

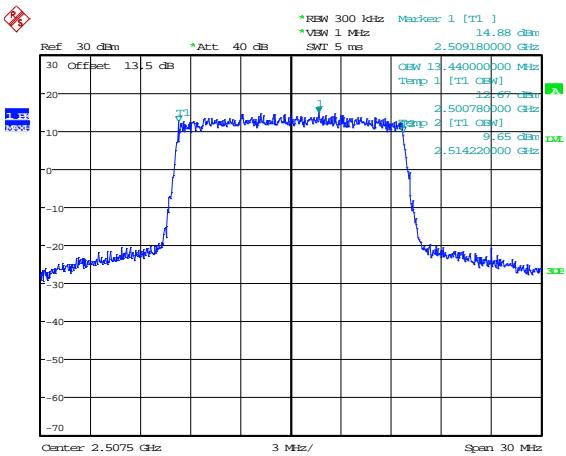


16QAM High channel

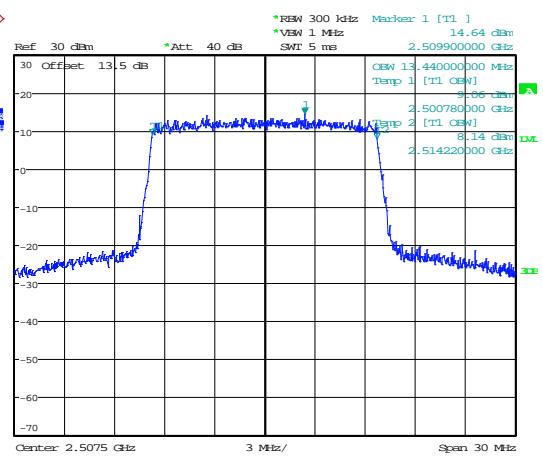


LTE FDD Band 7, Nominal Bandwidth: 15MHz, OBW

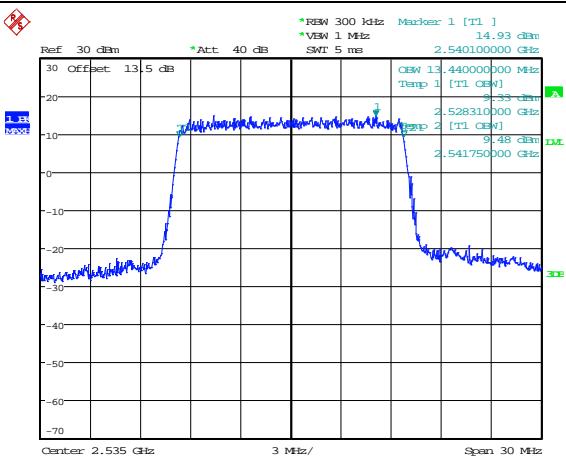
QPSK Low channel



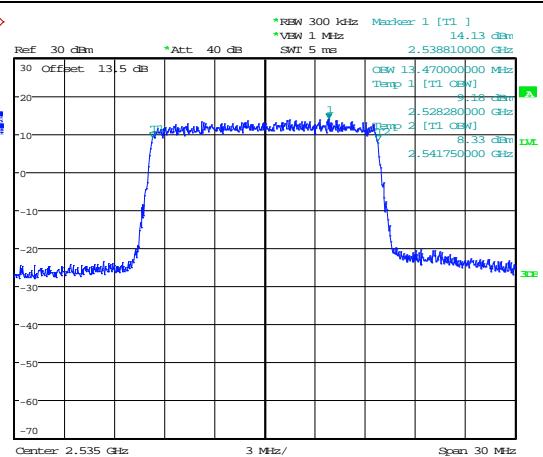
16QAM Low channel



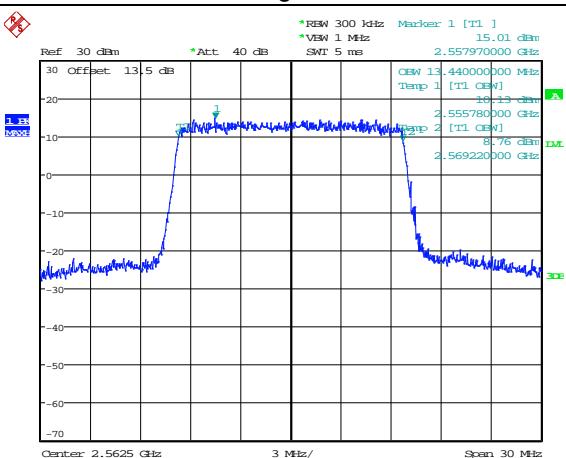
QPSK Middle channel



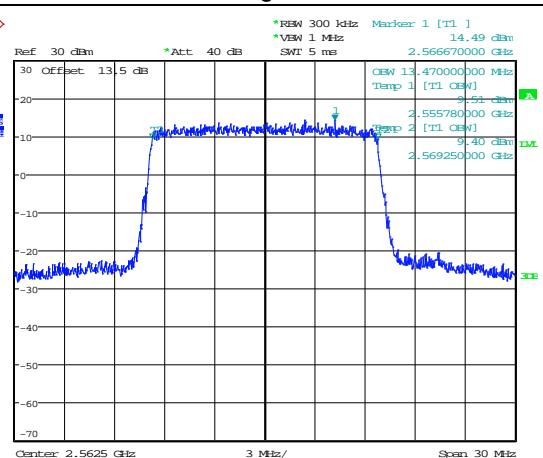
16QAM Middle channel



QPSK High channel

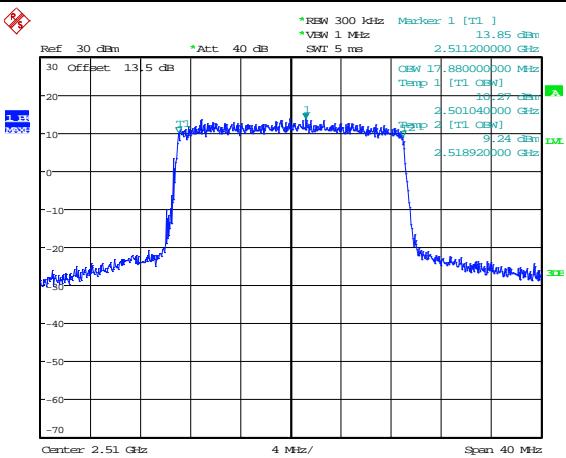


16QAM High channel

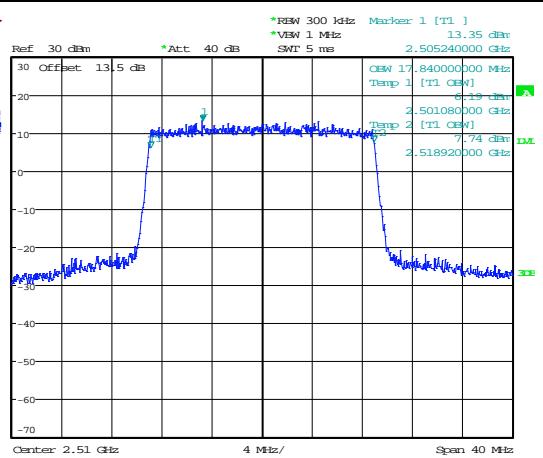


LTE FDD Band 7, Nominal Bandwidth: 20MHz, OBW

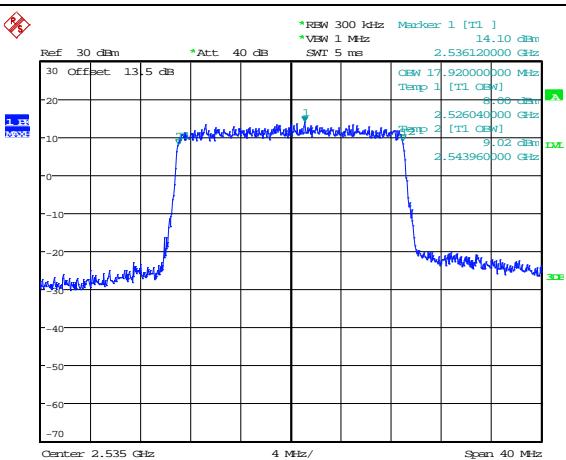
QPSK Low channel



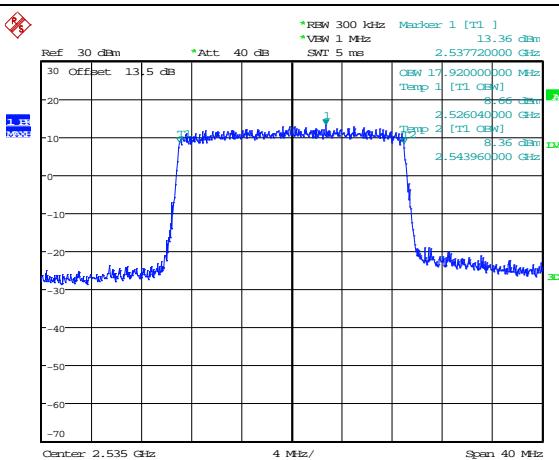
16QAM Low channel



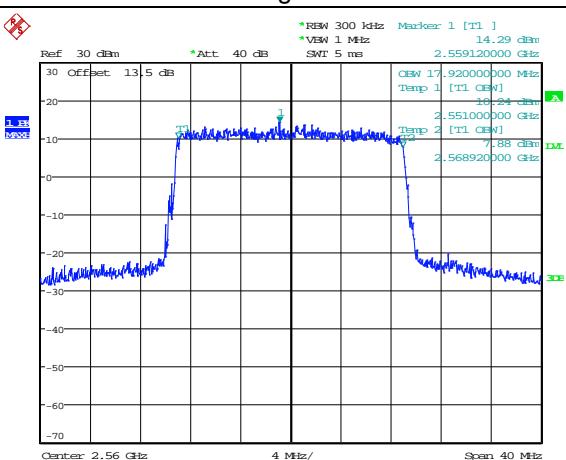
QPSK Middle channel



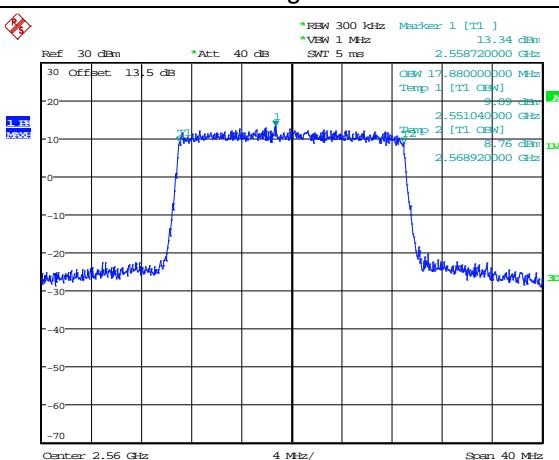
16QAM Middle channel



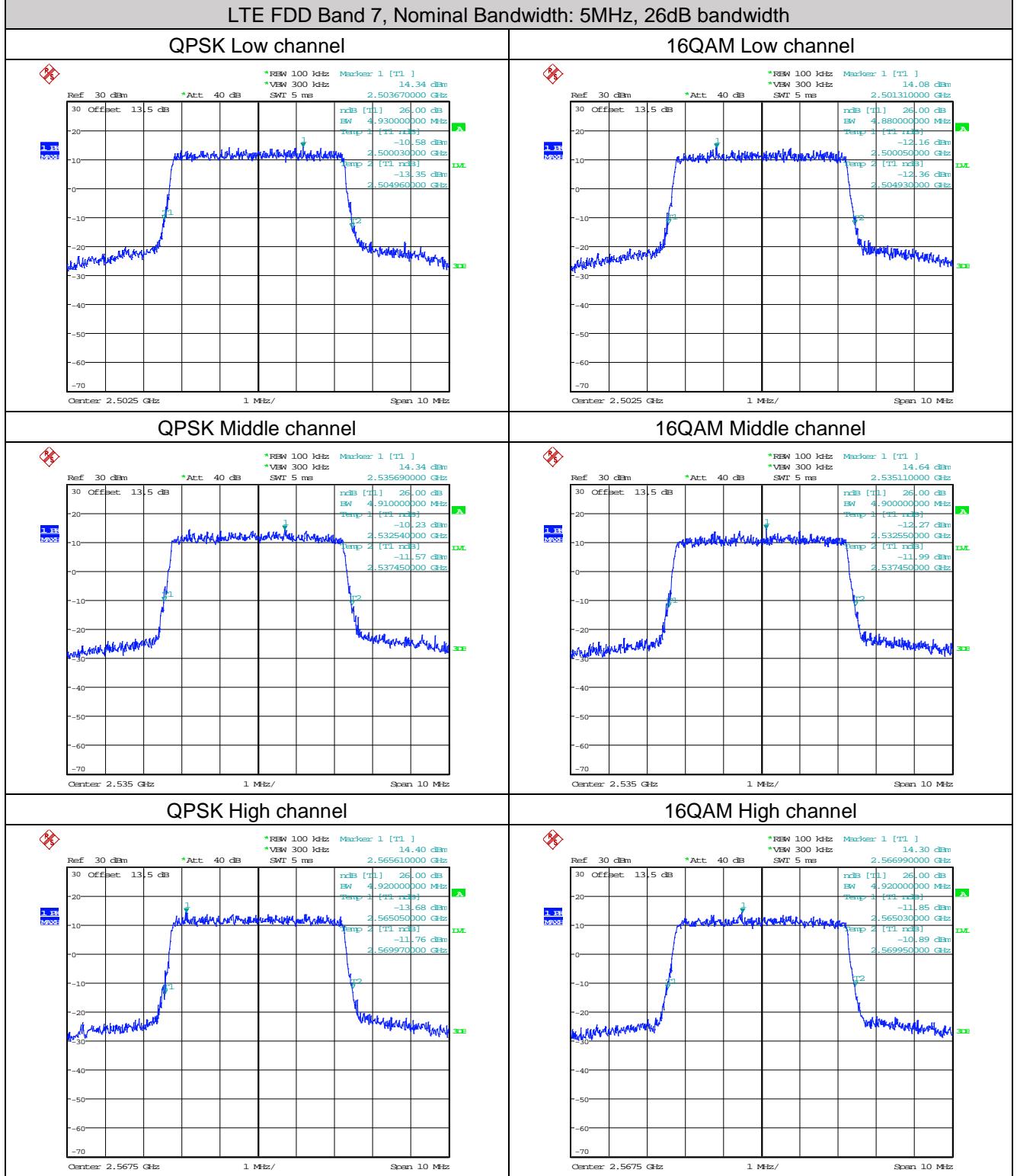
QPSK High channel



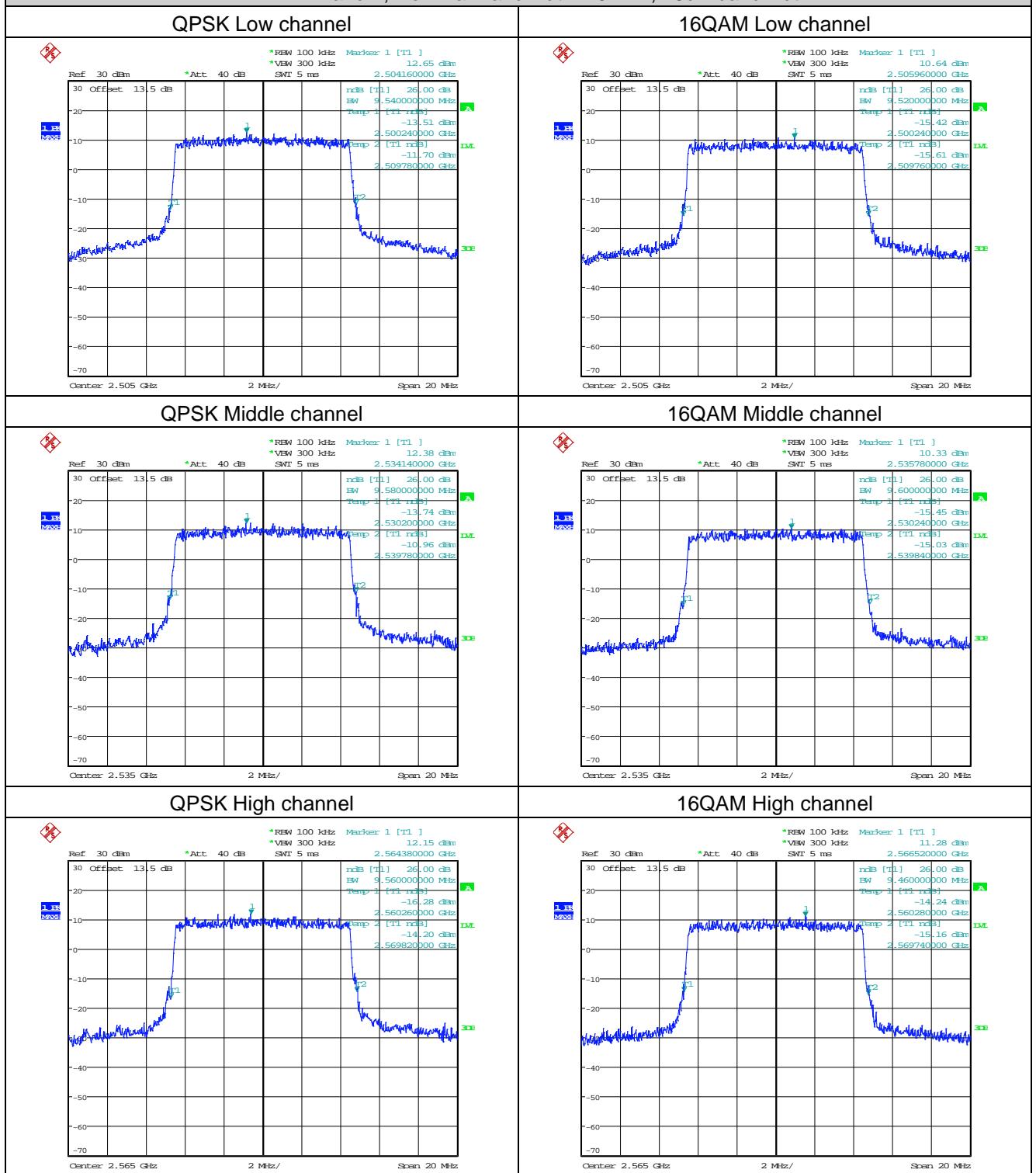
16QAM High channel



LTE FDD Band 7, Nominal Bandwidth: 5MHz, 26dB bandwidth

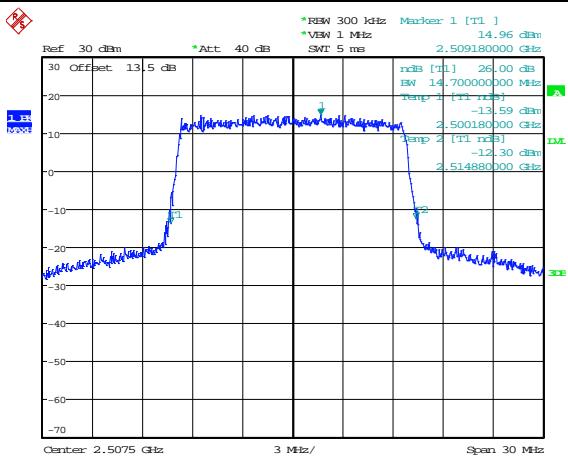


LTE FDD Band 7, Nominal Bandwidth: 10MHz, 26dB bandwidth

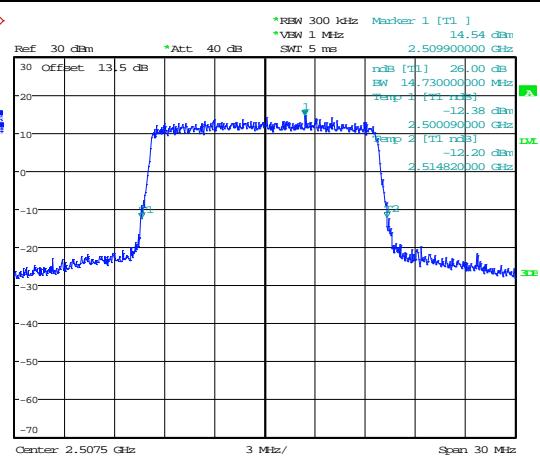


LTE FDD Band 7, Nominal Bandwidth: 15MHz, 26dB bandwidth

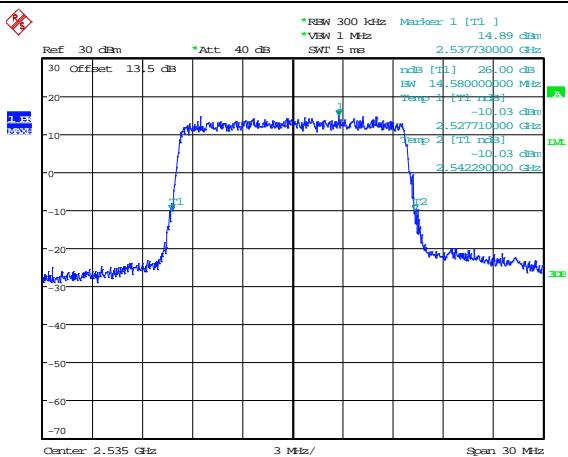
QPSK Low channel



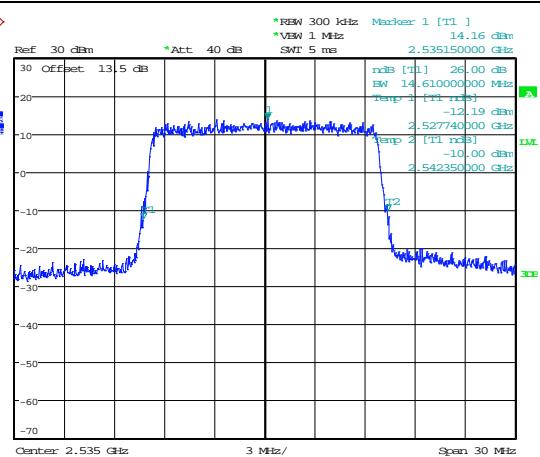
16QAM Low channel



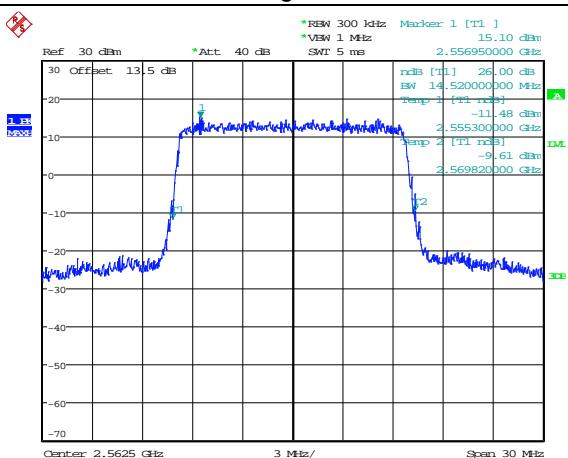
QPSK Middle channel



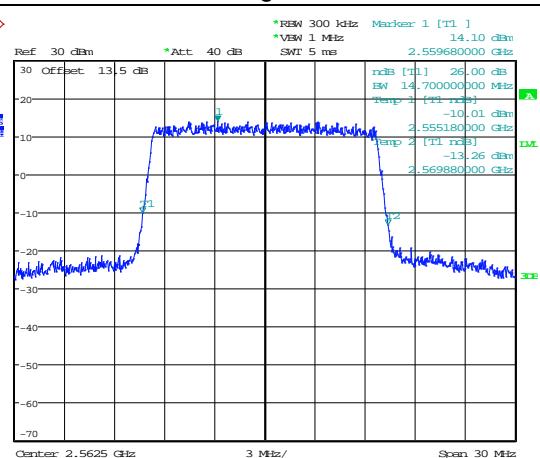
16QAM Middle channel



QPSK High channel

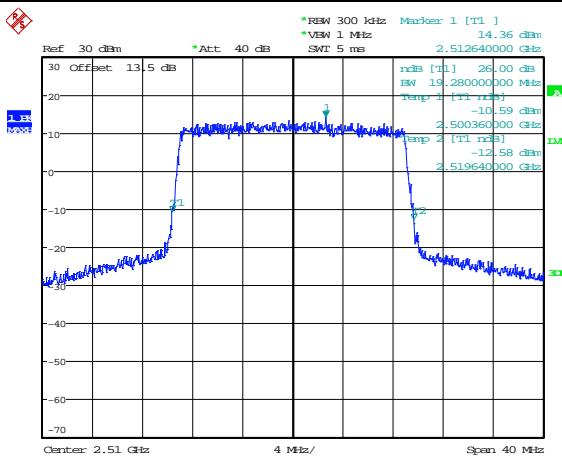


16QAM High channel

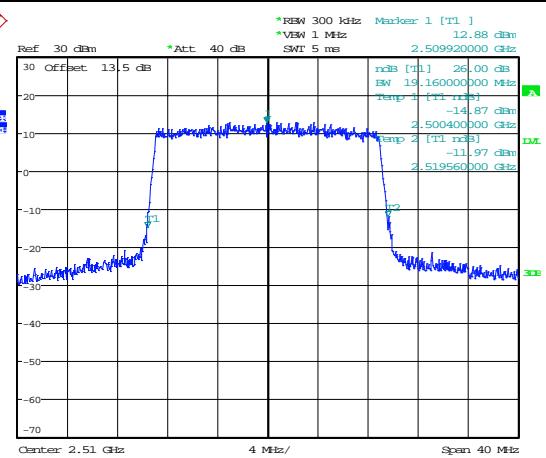


LTE FDD Band 7, Nominal Bandwidth: 20MHz, 26dB bandwidth

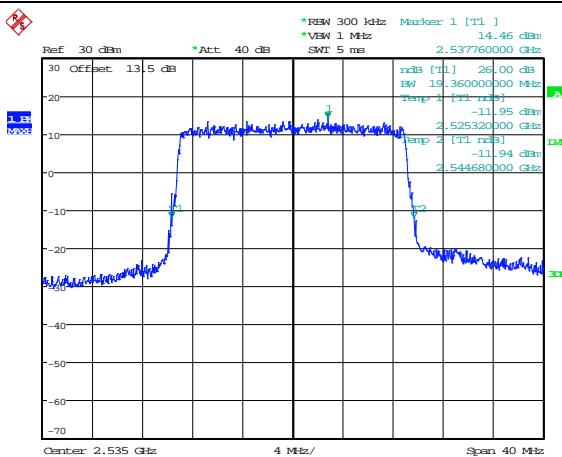
QPSK Low channel



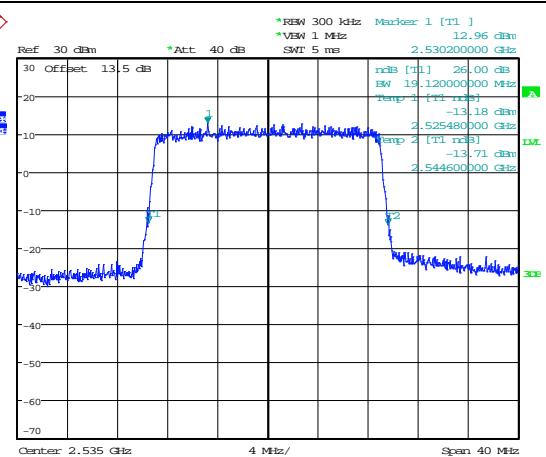
16QAM Low channel



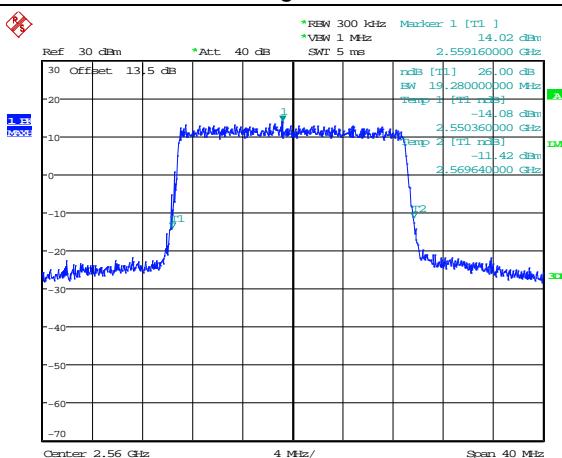
QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel

