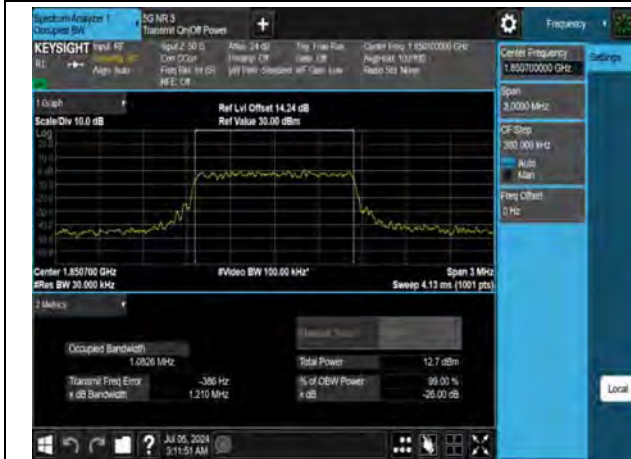


LTE Cat M Appendix-Bandwidth

LTE Band 2					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0826	1.083	1.0827
		26dB bandwidth	1.210	1.217	1.218
	16QAM	OBW	0.91535	0.90668	0.90897
		26dB bandwidth	1.052	1.063	1.052
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0838	1.0856	1.0830
		26dB bandwidth	1.202	1.254	1.209
	16QAM	OBW	0.90528	0.91273	0.91523
		26dB bandwidth	1.079	1.067	1.081
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0779	1.0852	1.0762
		26dB bandwidth	1.220	1.245	1.206
	16QAM	OBW	0.91165	0.91156	0.91458
		26dB bandwidth	1.066	1.066	1.062
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0852	1.0887	1.0932
		26dB bandwidth	1.220	1.276	1.254
	16QAM	OBW	0.90920	0.90959	0.91036
		26dB bandwidth	1.080	1.069	1.051
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
15.0 MHz	QPSK	OBW	1.0769	1.0872	1.0877
		26dB bandwidth	1.215	1.234	1.249
	16QAM	OBW	0.91772	0.91018	0.90788
		26dB bandwidth	1.100	1.074	1.094
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
20.0 MHz	QPSK	OBW	1.0808	1.0842	1.0783
		26dB bandwidth	1.243	1.245	1.232
	16QAM	OBW	0.91194	0.90646	0.91196
		26dB bandwidth	1.093	1.046	1.110

LTE Band 2, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



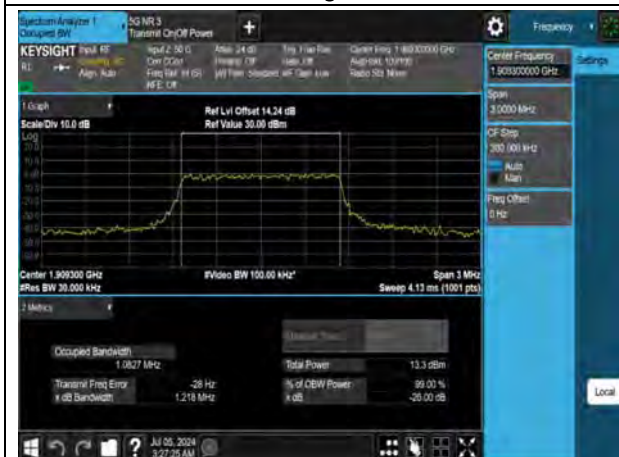
QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 2, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

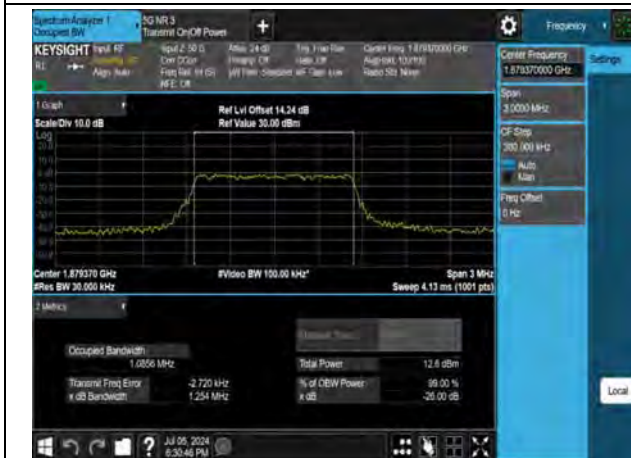
QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

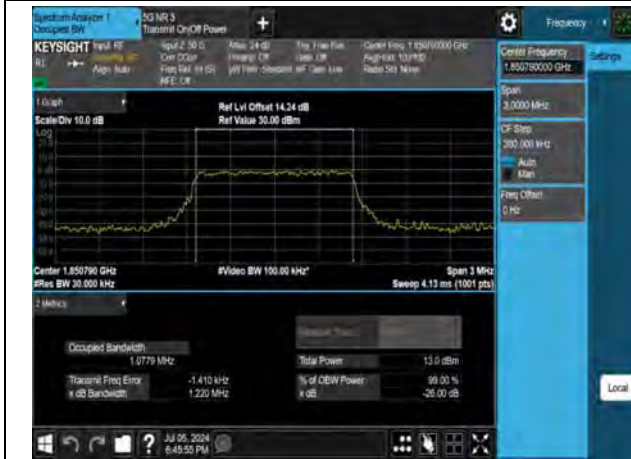


16QAM High channel



LTE Band 2, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



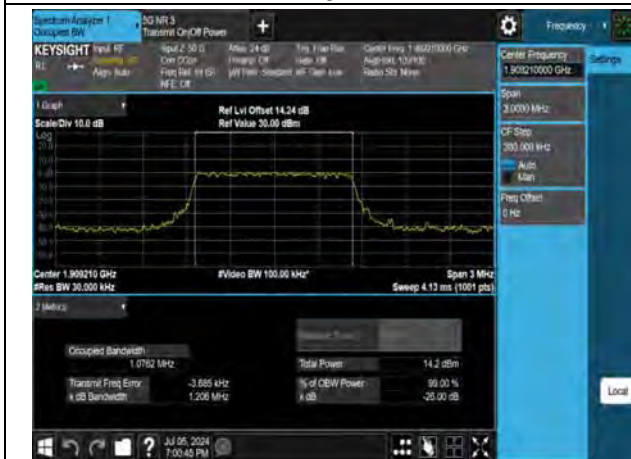
QPSK Middle channel



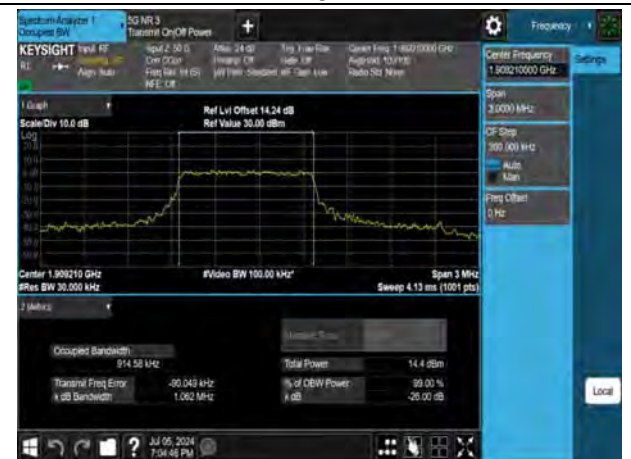
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 2, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 2, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

QPSK Low channel



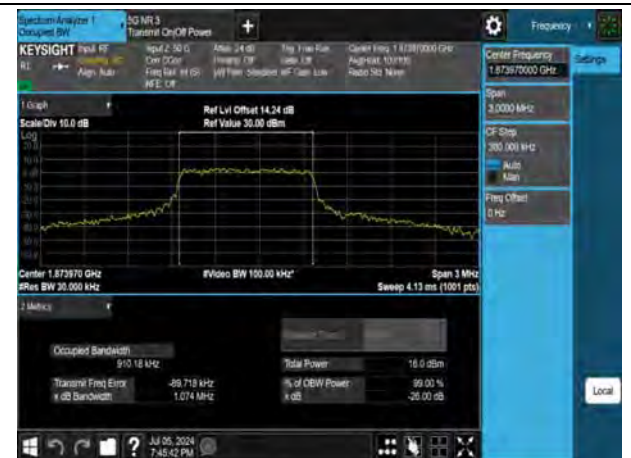
16QAM Low channel



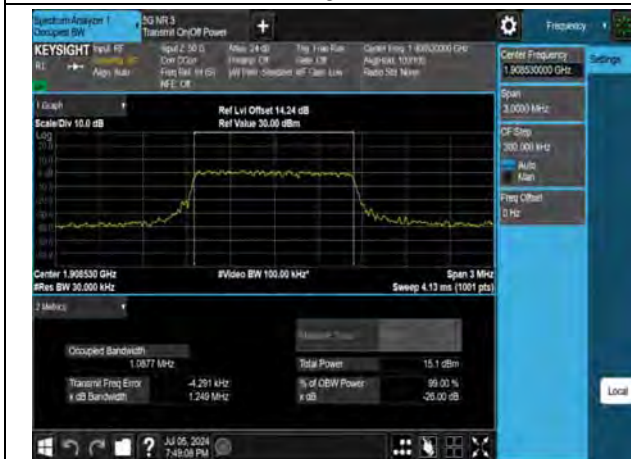
QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel

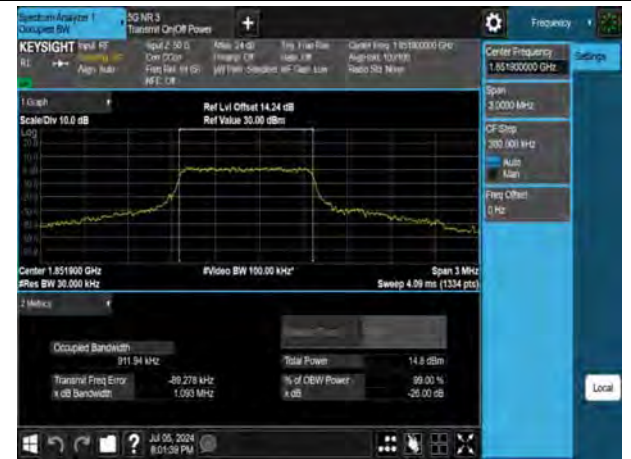


LTE Band 2, Nominal Bandwidth: 20MHz, OBW & 26dB Bandwidth

QPSK Low channel



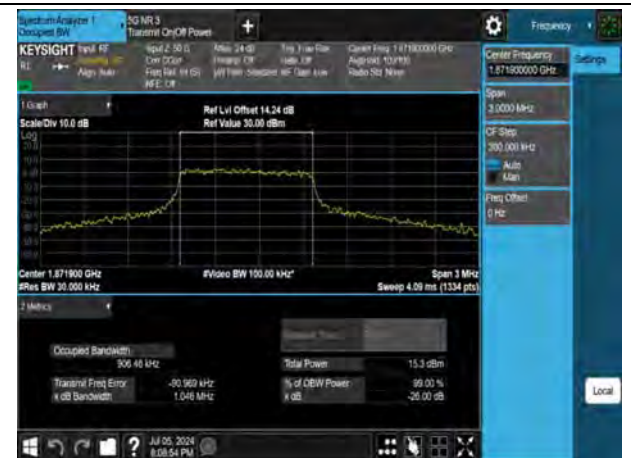
16QAM Low channel



QPSK Middle channel



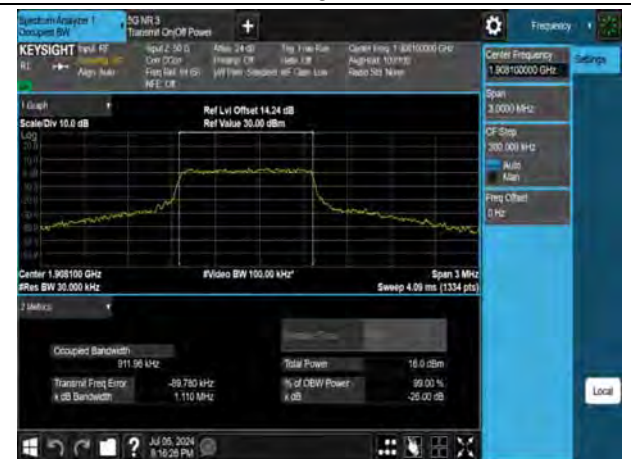
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 4					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0825	1.0874	1.0855
		26dB bandwidth	1.255	1.221	1.231
	16QAM	OBW	0.91047	0.91332	0.91408
		26dB bandwidth	1.054	1.052	1.062
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0871	1.0850	1.0880
		26dB bandwidth	1.234	1.233	1.212
	16QAM	OBW	0.90776	0.90586	0.90666
		26dB bandwidth	1.030	1.020	1.072
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0732	1.0816	1.0828
		26dB bandwidth	1.240	1.250	1.229
	16QAM	OBW	0.91657	0.90473	0.90774
		26dB bandwidth	1.073	1.065	1.054
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0812	1.089	1.0829
		26dB bandwidth	1.223	1.273	1.225
	16QAM	OBW	0.91194	0.91041	0.91173
		26dB bandwidth	1.067	1.079	1.085
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
15.0 MHz	QPSK	OBW	1.0853	1.0875	1.0783
		26dB bandwidth	1.231	1.251	1.229
	16QAM	OBW	0.91478	0.90971	0.90921
		26dB bandwidth	1.058	1.072	1.050
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
20.0 MHz	QPSK	OBW	1.0836	1.0867	1.0760
		26dB bandwidth	1.220	1.214	1.221
	16QAM	OBW	0.90922	0.90787	0.91205
		26dB bandwidth	1.069	1.107	1.107

LTE Band 4, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

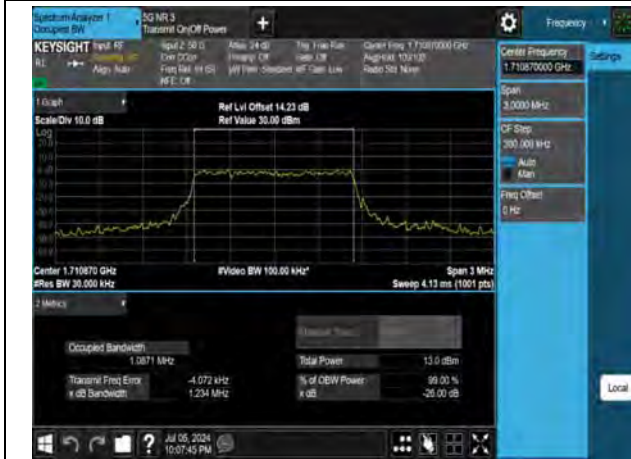


16QAM High channel



LTE Band 4, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



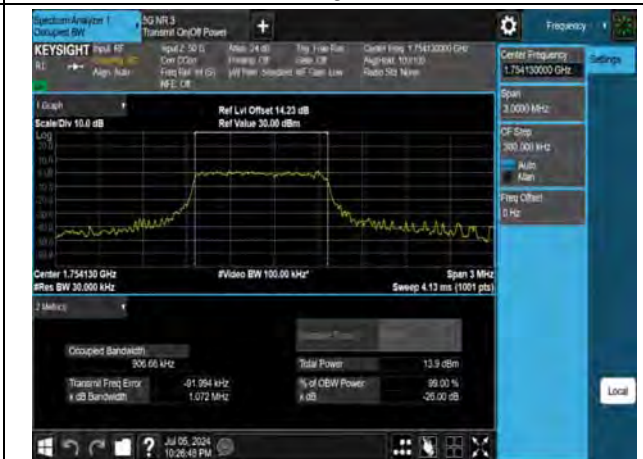
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 4, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



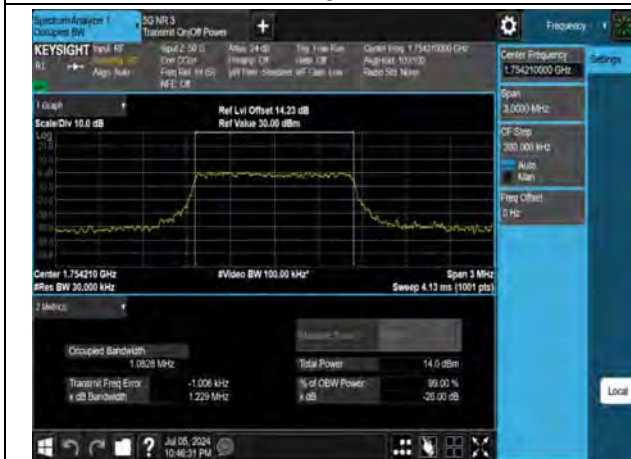
QPSK Middle channel



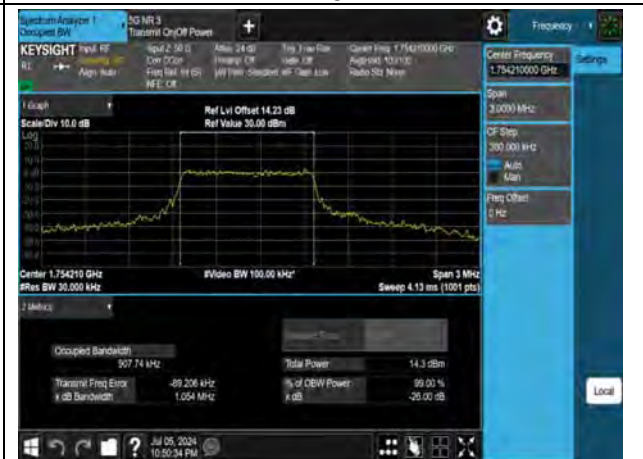
16QAM Middle channel



QPSK High channel

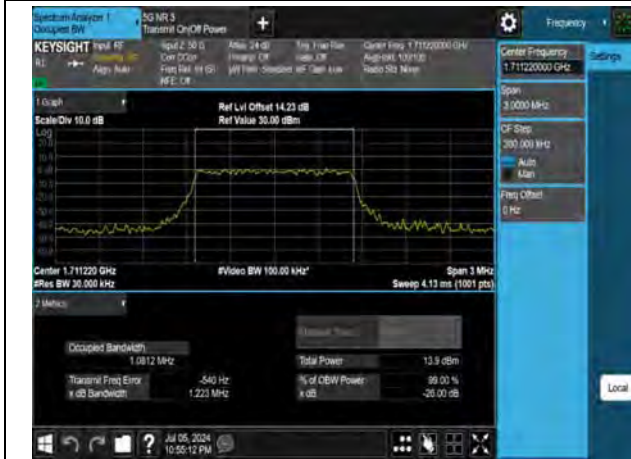


16QAM High channel



LTE Band 4, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 4, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

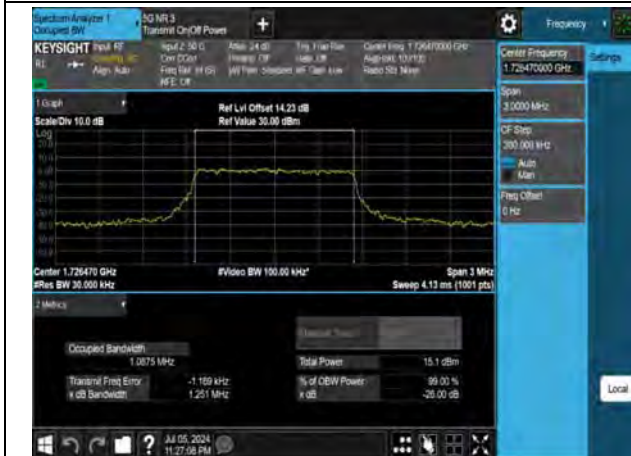
QPSK Low channel



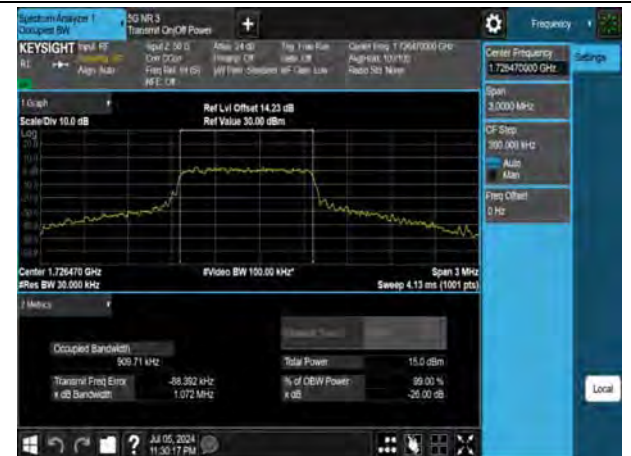
16QAM Low channel



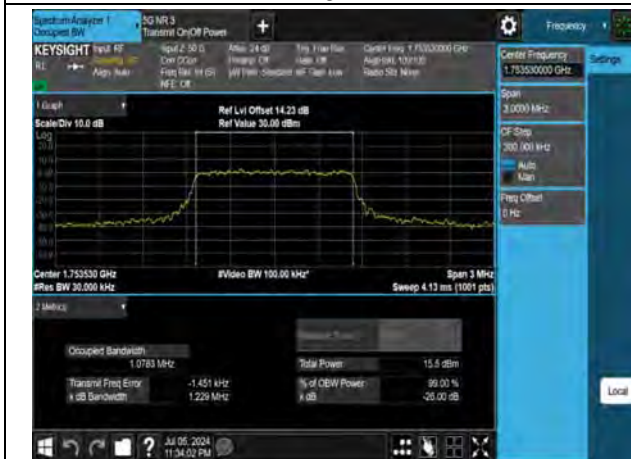
QPSK Middle channel



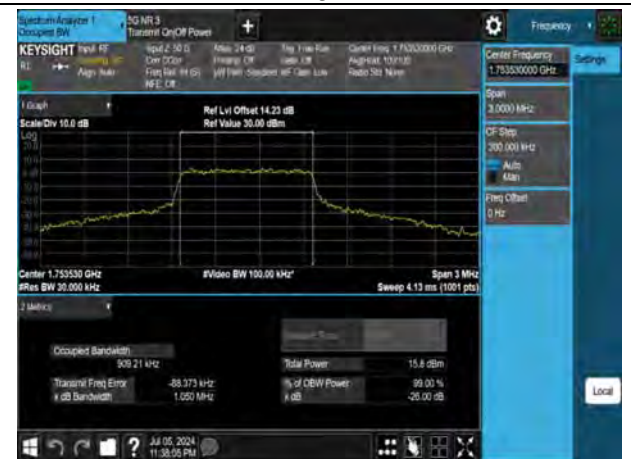
16QAM Middle channel



QPSK High channel

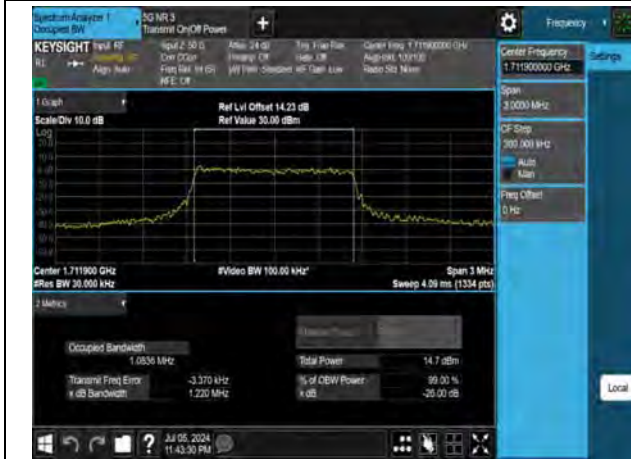


16QAM High channel

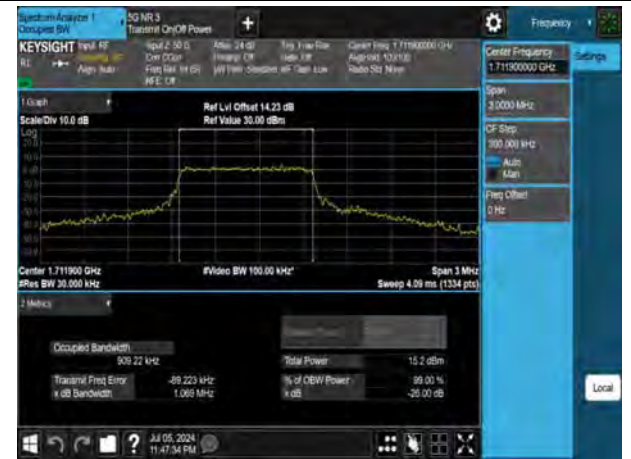


LTE Band 4, Nominal Bandwidth: 20MHz, OBW & 26dB Bandwidth

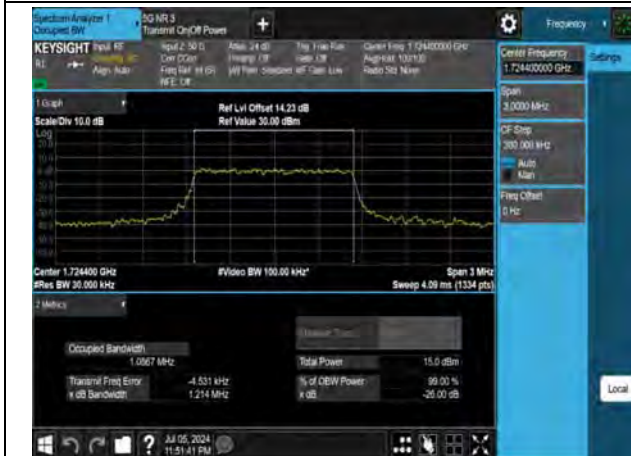
QPSK Low channel



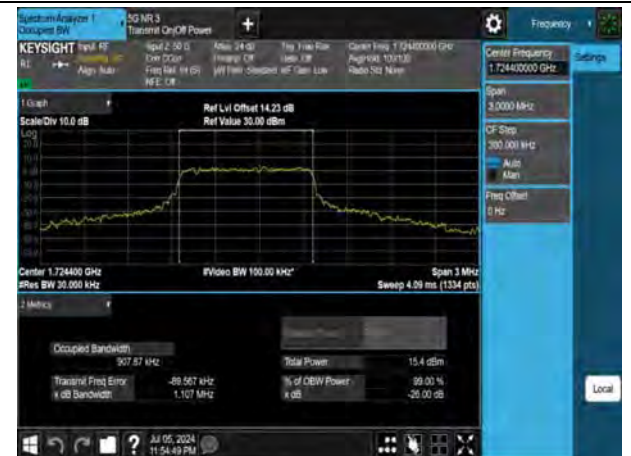
16QAM Low channel



QPSK Middle channel



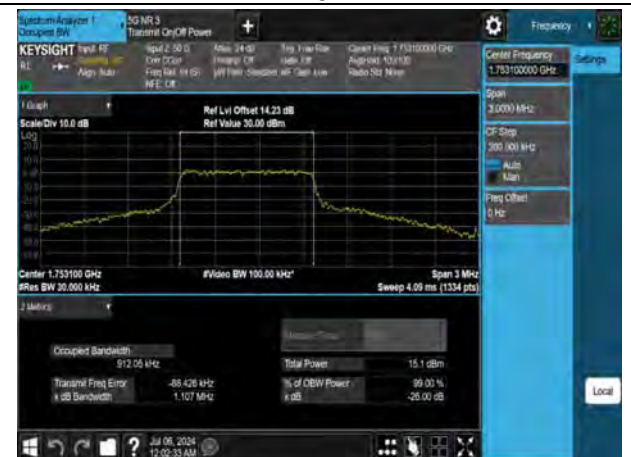
16QAM Middle channel



QPSK High channel



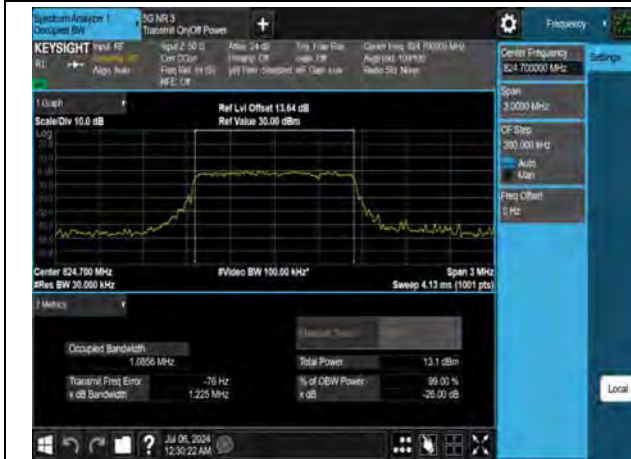
16QAM High channel



LTE Band 5					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0856	1.0852	1.0874
		26dB bandwidth	1.225	1.254	1.230
	16QAM	OBW	0.91395	0.90881	0.91120
		26dB bandwidth	1.070	1.069	1.096
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0850	1.0836	1.0868
		26dB bandwidth	1.213	1.233	1.202
	16QAM	OBW	0.90974	0.91183	0.91022
		26dB bandwidth	1.039	1.061	1.058
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0793	1.0873	1.0807
		26dB bandwidth	1.248	1.269	1.203
	16QAM	OBW	0.91226	0.91316	0.91105
		26dB bandwidth	1.053	1.076	1.097
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0783	1.0870	1.0863
		26dB bandwidth	1.226	1.261	1.238
	16QAM	OBW	0.90929	0.91346	0.91233
		26dB bandwidth	1.093	1.0971	1.123

LTE Band 5, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



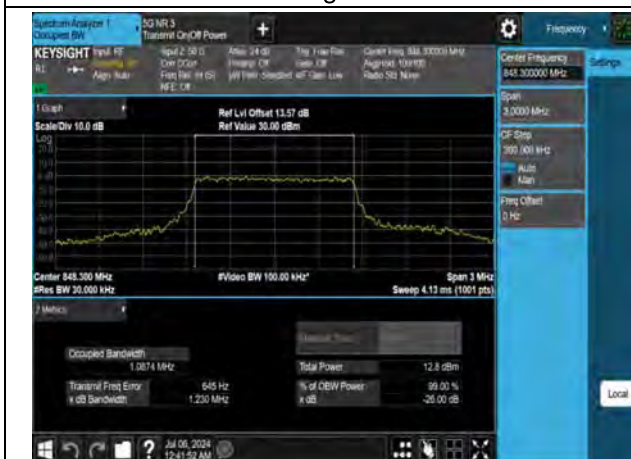
QPSK Middle channel



16QAM Middle channel



QPSK High channel

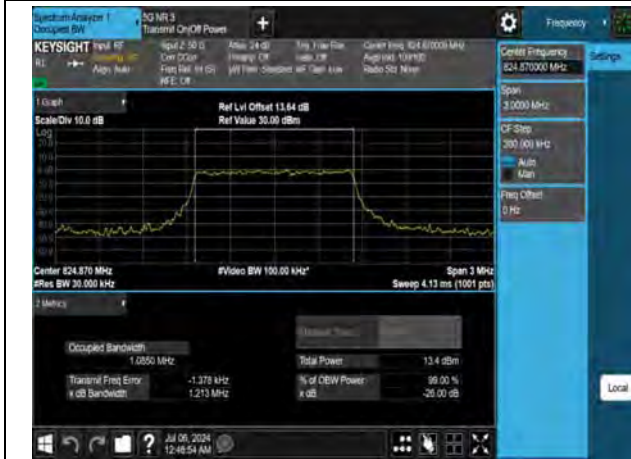


16QAM High channel



LTE Band 5, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 5, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



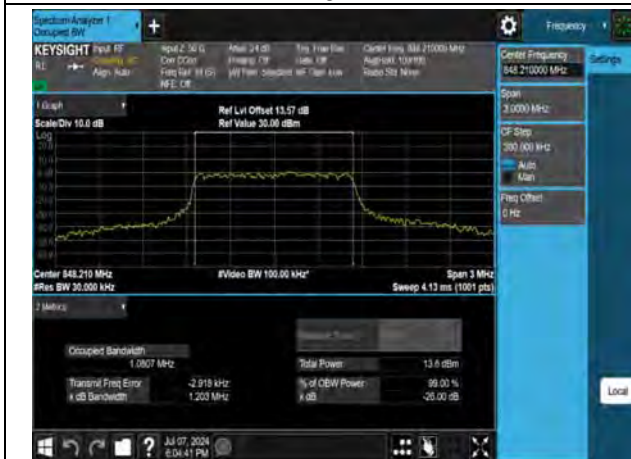
QPSK Middle channel



16QAM Middle channel



QPSK High channel

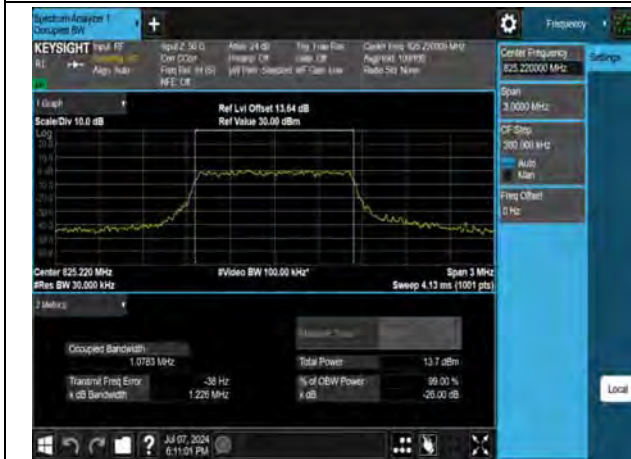


16QAM High channel

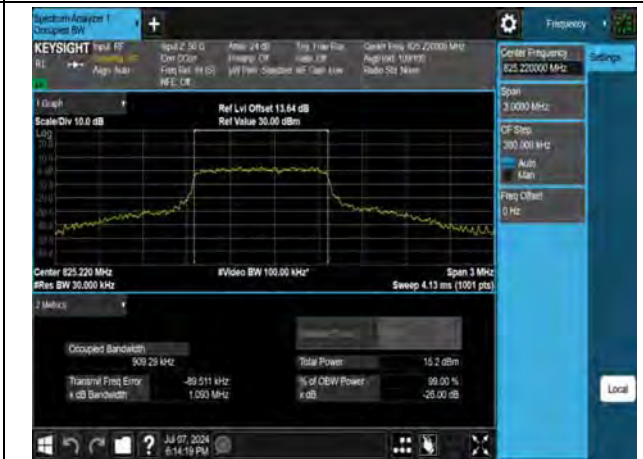


LTE Band 5, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



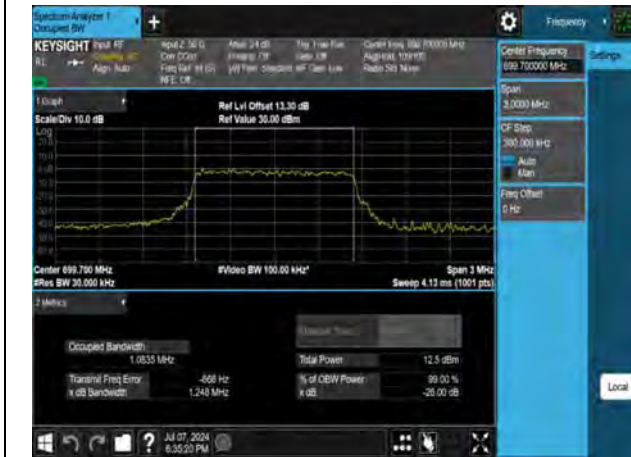
16QAM High channel



LTE Band 12					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0835	1.0828	1.0842
		26dB bandwidth	1.248	1.236	1.228
	16QAM	OBW	0.91181	0.90917	0.90964
		26dB bandwidth	1.049	1.073	1.053
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0862	1.0805	1.0844
		26dB bandwidth	1.227	1.241	1.245
	16QAM	OBW	0.91397	0.91170	0.90983
		26dB bandwidth	1.073	1.099	1.091
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0790	1.0840	1.0845
		26dB bandwidth	1.236	1.255	1.217
	16QAM	OBW	0.91304	0.90407	0.90548
		26dB bandwidth	1.078	1.065	1.060
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0816	1.0880	1.0845
		26dB bandwidth	1.234	1.234	1.221
	16QAM	OBW	0.91423	0.90974	0.91727
		26dB bandwidth	1.098	1.099	1.125

LTE Band 12, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

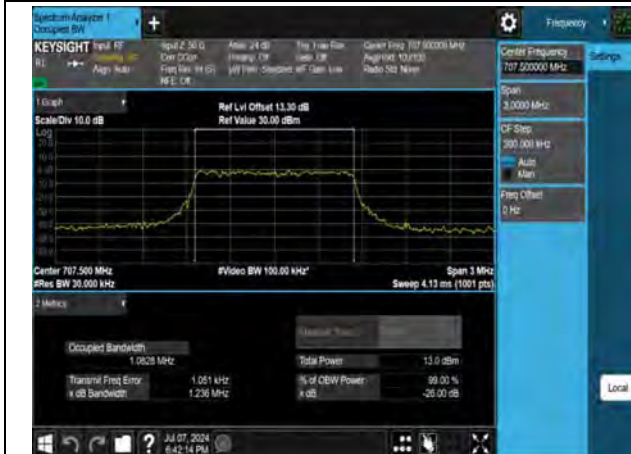
QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

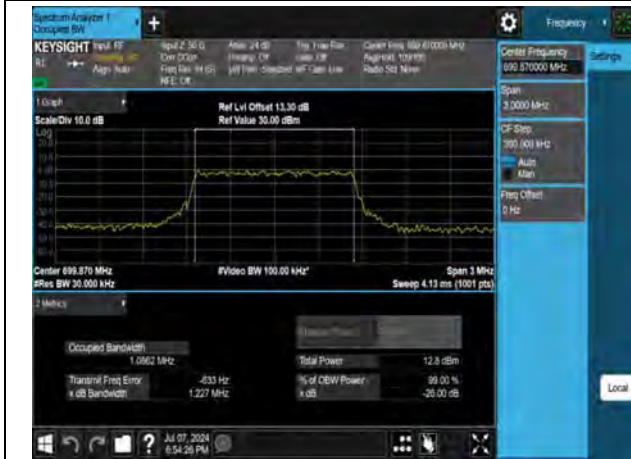


16QAM High channel



LTE Band 12, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



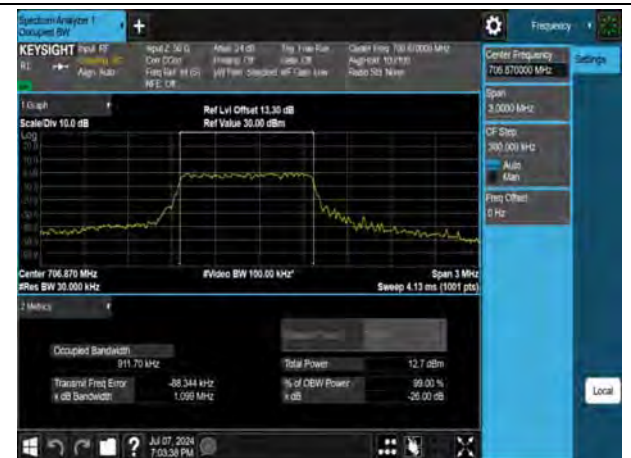
16QAM Low channel



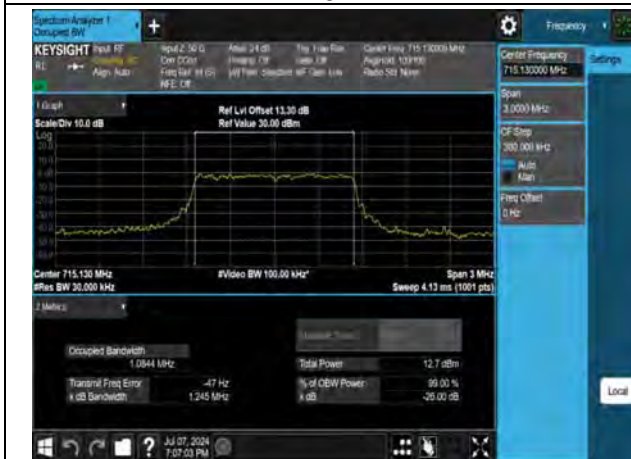
QPSK Middle channel



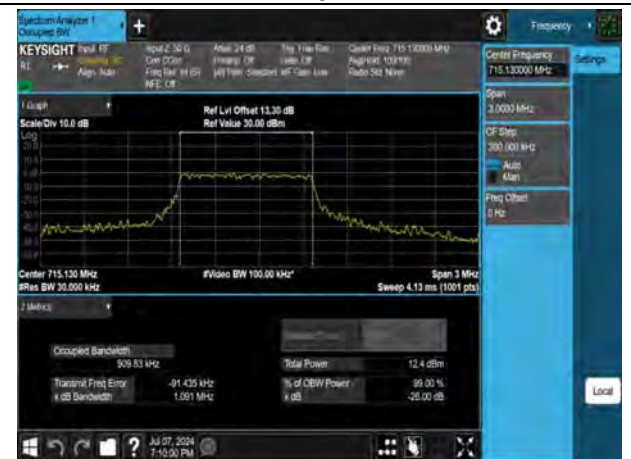
16QAM Middle channel



QPSK High channel



16QAM High channel

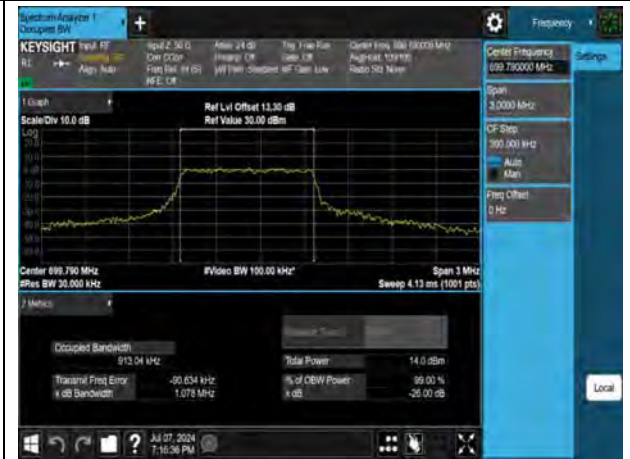


LTE Band 12, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

QPSK Low channel



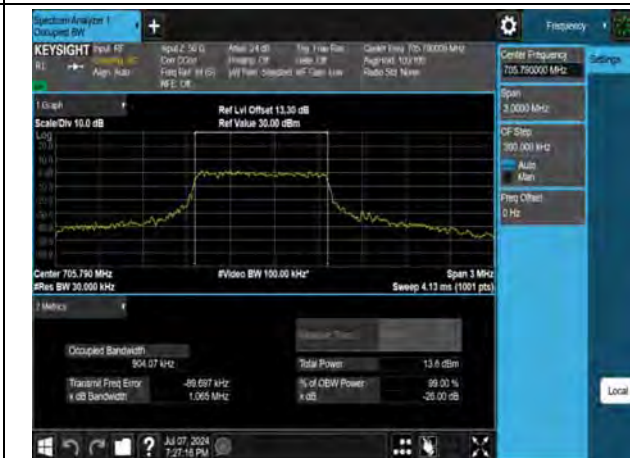
16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 12, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



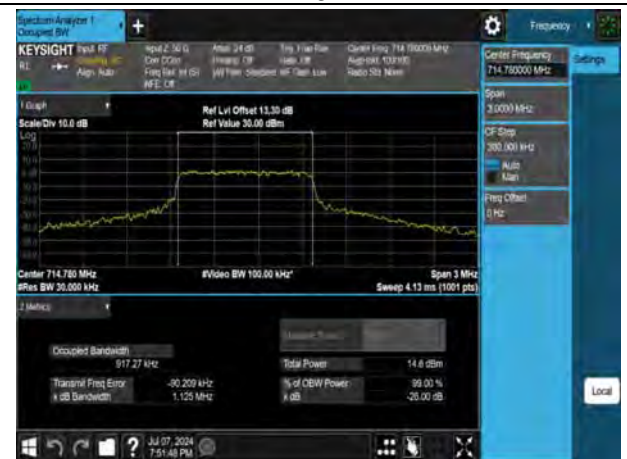
16QAM Middle channel



QPSK High channel



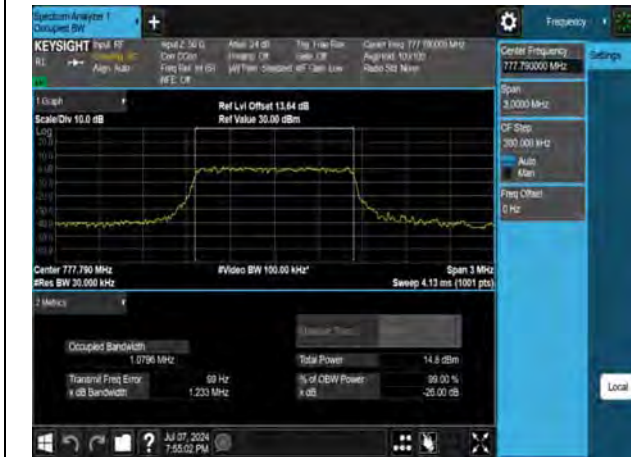
16QAM High channel



LTE Band 13					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0796	1.0843	1.0838
		26dB bandwidth	1.233	1.228	1.250
	16QAM	OBW	0.91017	0.91197	0.91485
		26dB bandwidth	1.095	1.077	1.109
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	/	1.0906	/
		26dB bandwidth	/	1.258	/
	16QAM	OBW	/	0.90918	/
		26dB bandwidth	/	1.125	/

LTE Band 13, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

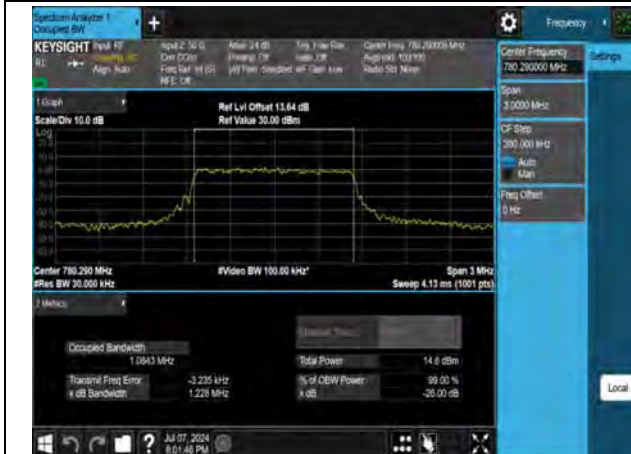
QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

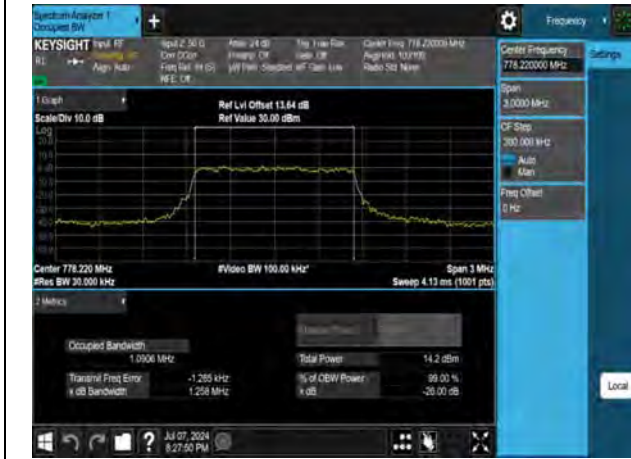


16QAM High channel

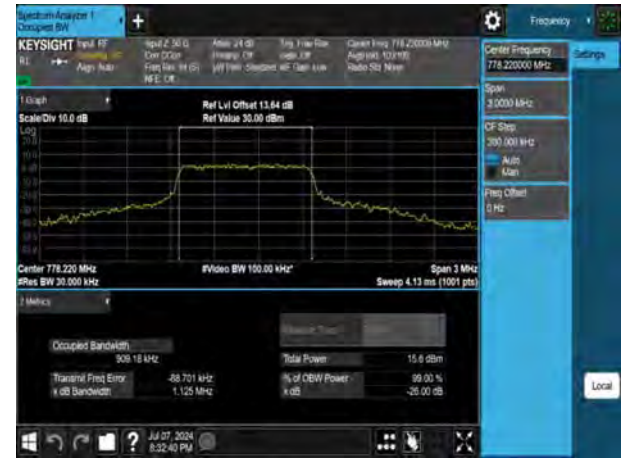


LTE Band 13, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Middle channel



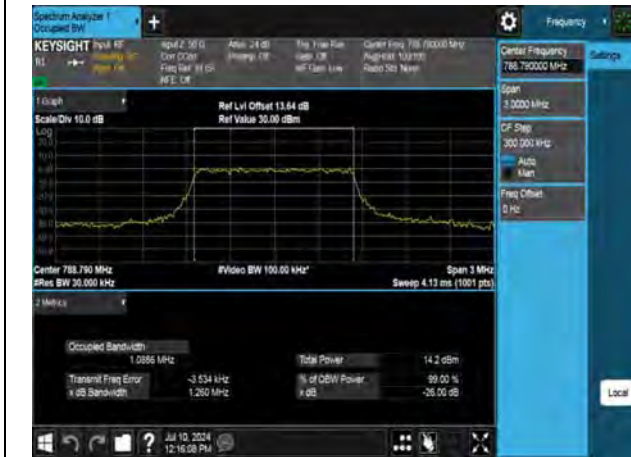
16QAM Middle channel



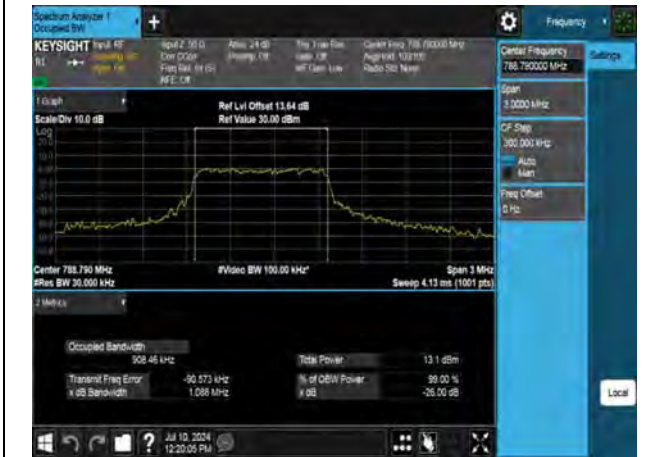
LTE Band 14					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0886	1.0827	1.0789
		26dB bandwidth	1.260	1.212	1.246
	16QAM	OBW	0.90846	0.90832	0.91040
		26dB bandwidth	1.088	1.069	1.097
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	/	1.0910	/
		26dB bandwidth	/	1.239	/
	16QAM	OBW	/	0.91024	/
		26dB bandwidth	/	1.059	/

LTE Band 14, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

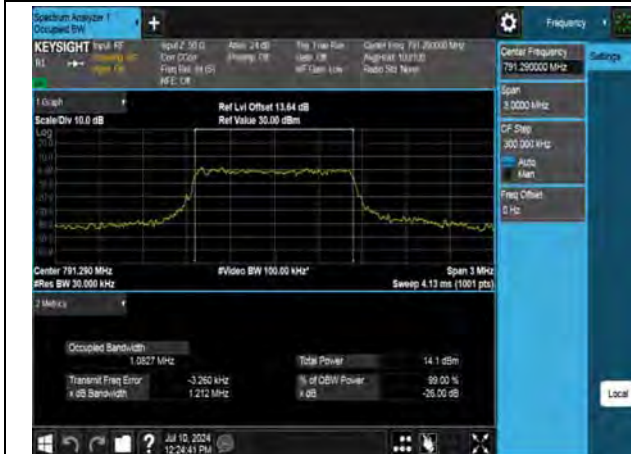
QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

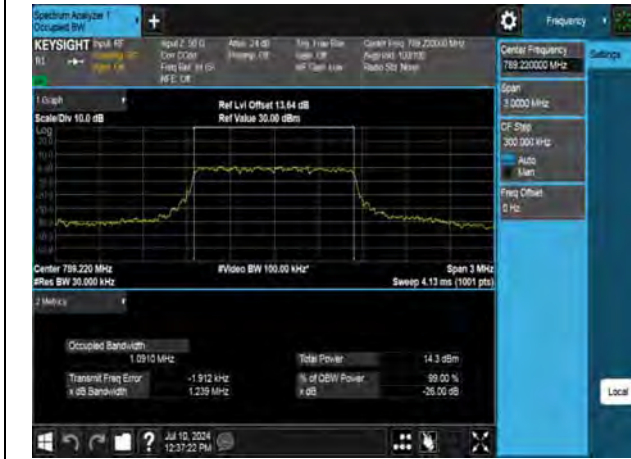


16QAM High channel



LTE Band 14, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Middle channel



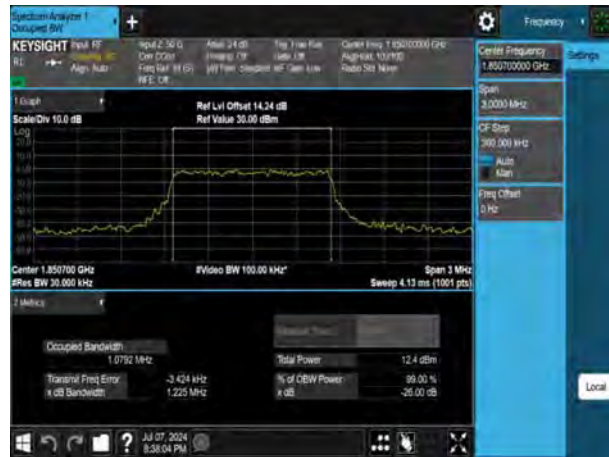
16QAM Middle channel



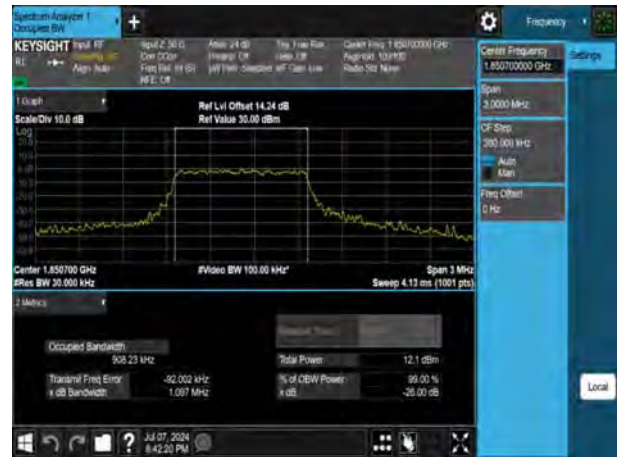
LTE Band 25					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0792	1.0895	1.0837
		26dB bandwidth	1.225	1.202	1.233
	16QAM	OBW	0.90823	0.90998	0.90882
		26dB bandwidth	1.097	1.056	1.103
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0827	1.0867	1.0865
		26dB bandwidth	1.252	1.255	1.233
	16QAM	OBW	0.90780	0.90774	0.91356
		26dB bandwidth	1.069	1.076	1.060
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0848	1.0877	1.0887
		26dB bandwidth	1.248	1.256	1.254
	16QAM	OBW	0.90164	0.91014	0.90574
		26dB bandwidth	1.063	1.083	1.074
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0895	1.0866	1.0856
		26dB bandwidth	1.237	1.241	1.226
	16QAM	OBW	0.91142	0.90960	0.91481
		26dB bandwidth	1.082	1.099	1.085
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
15.0 MHz	QPSK	OBW	1.0842	1.0819	1.0932
		26dB bandwidth	1.257	1.227	1.250
	16QAM	OBW	0.91193	0.90919	0.91335
		26dB bandwidth	1.071	1.060	1.104
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
20.0 MHz	QPSK	OBW	1.0845	1.0827	1.0867
		26dB bandwidth	1.200	1.283	1.238
	16QAM	OBW	0.91282	0.91598	0.91040
		26dB bandwidth	1.070	1.084	1.129

LTE Band 25, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

QPSK Low channel



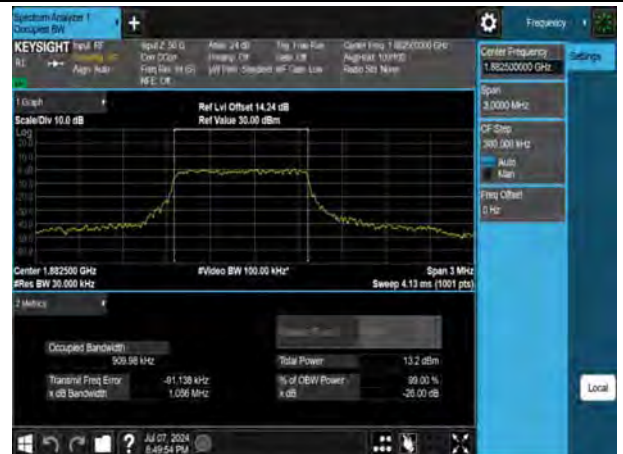
16QAM Low channel



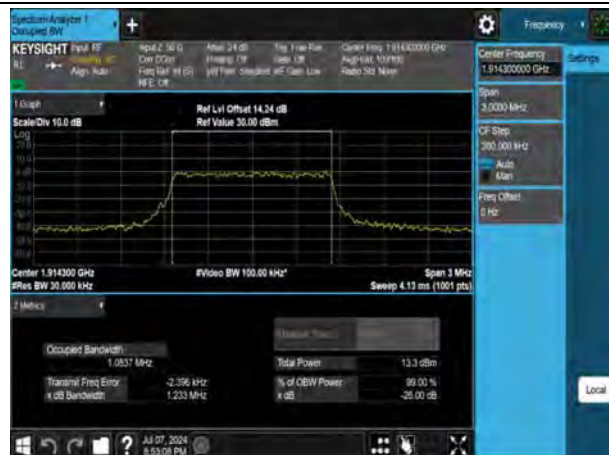
QPSK Middle channel



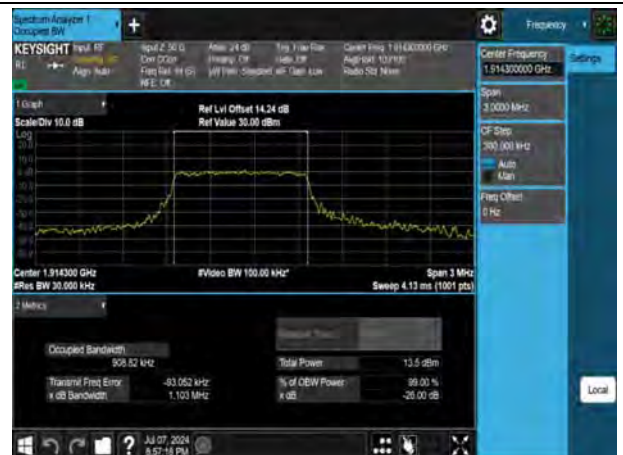
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 25, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



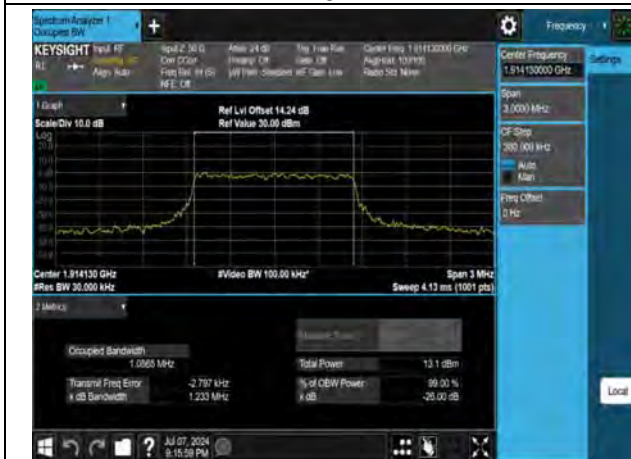
QPSK Middle channel



16QAM Middle channel



QPSK High channel

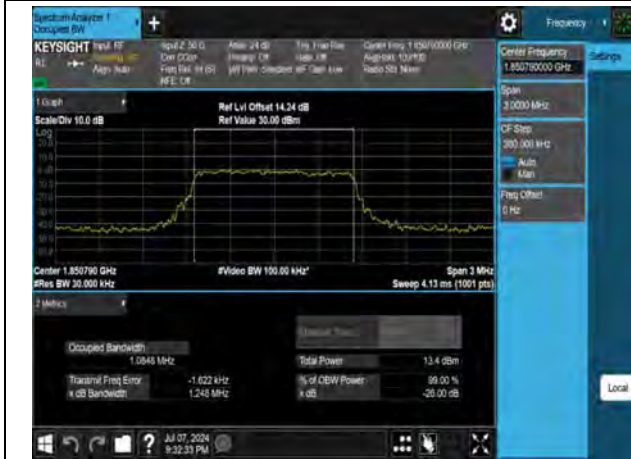


16QAM High channel

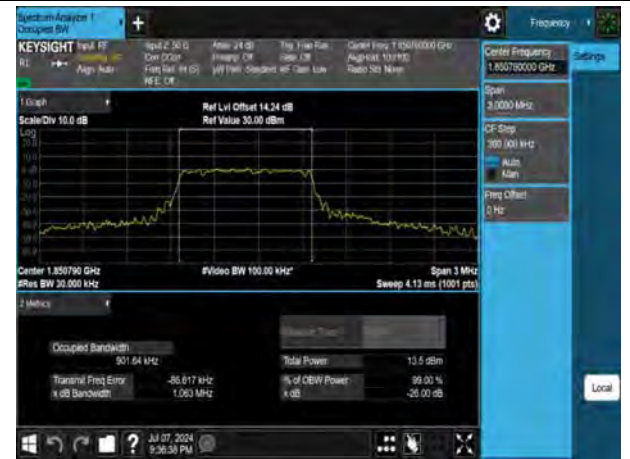


LTE Band 25, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

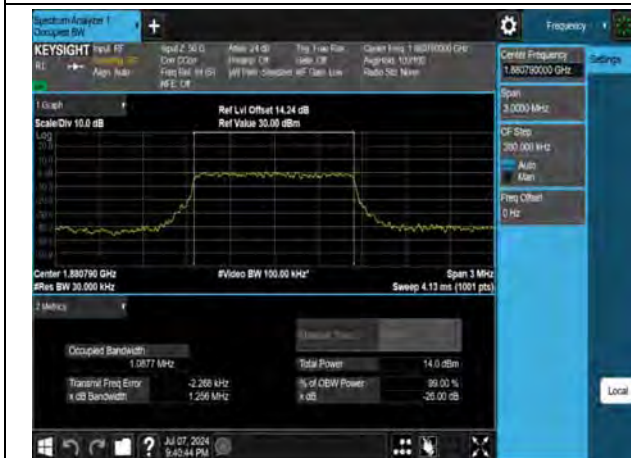
QPSK Low channel



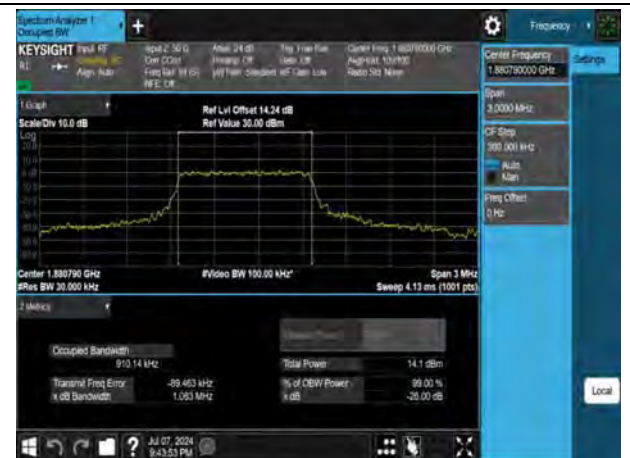
16QAM Low channel



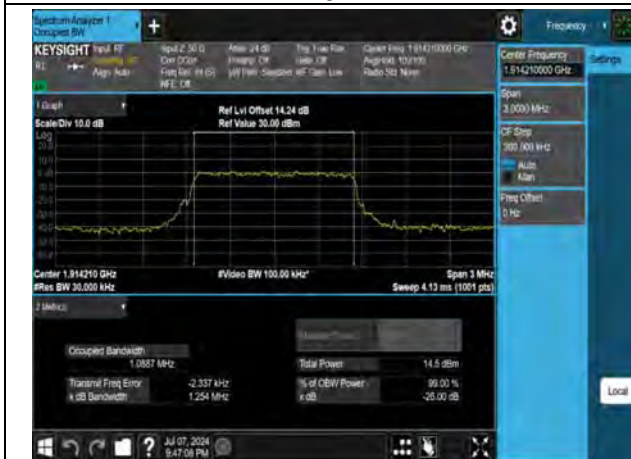
QPSK Middle channel



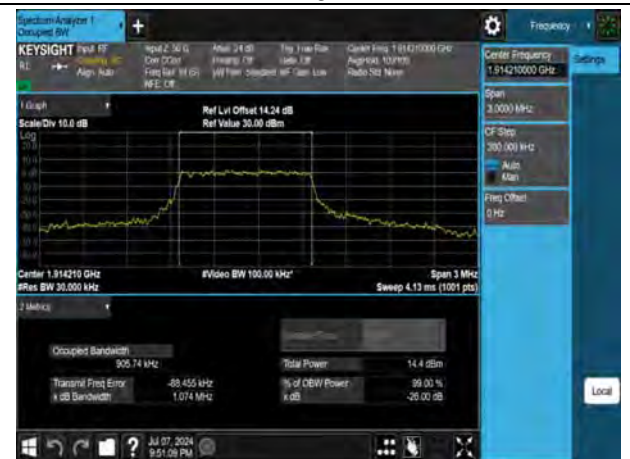
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 25, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



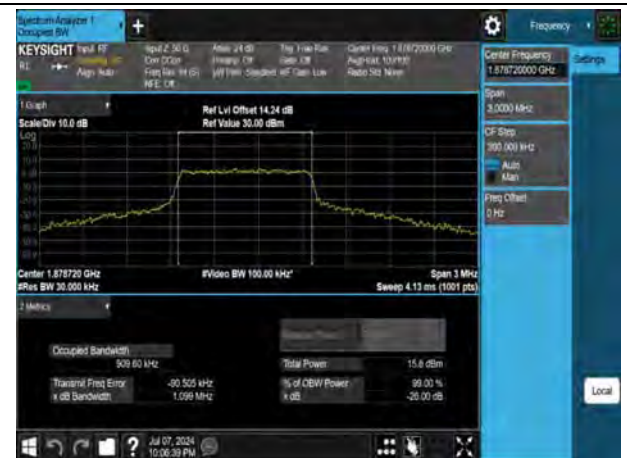
16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

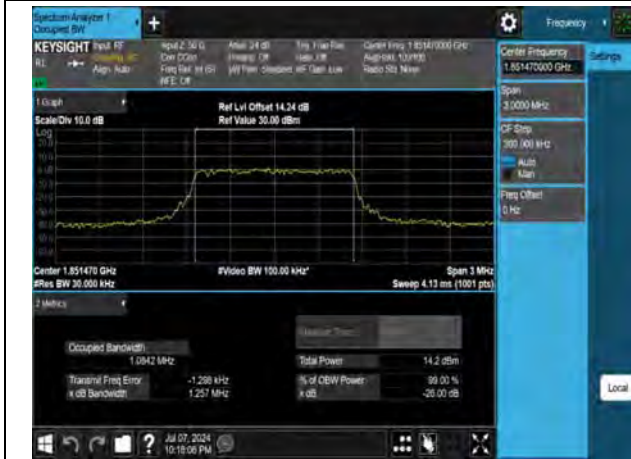


16QAM High channel



LTE Band 25, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

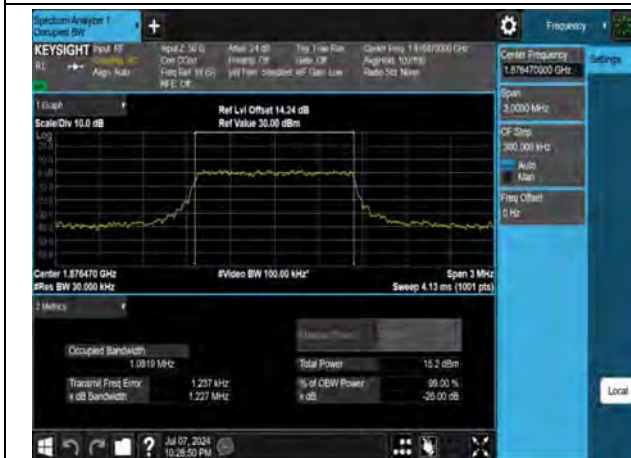
QPSK Low channel



16QAM Low channel



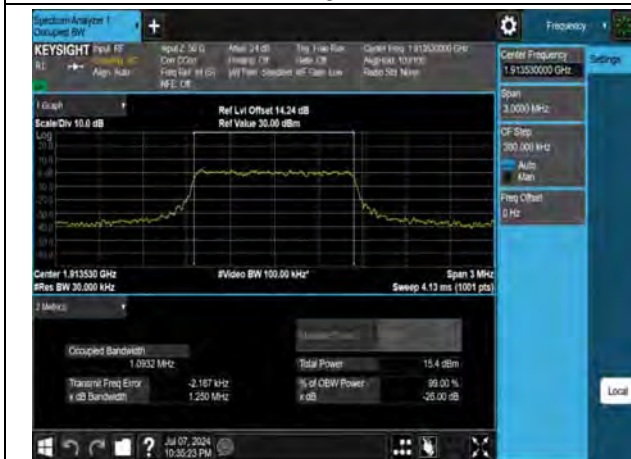
QPSK Middle channel



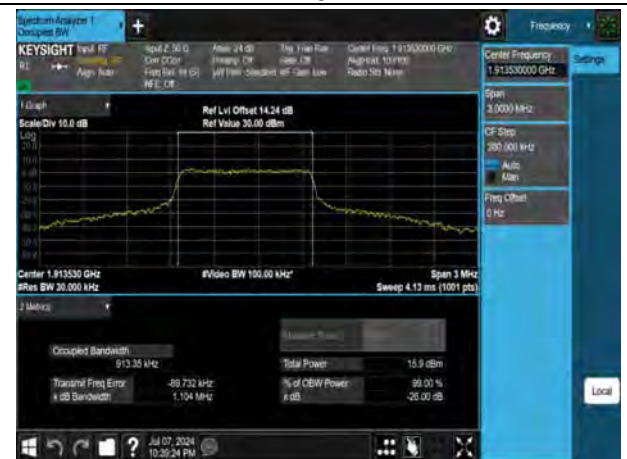
16QAM Middle channel



QPSK High channel

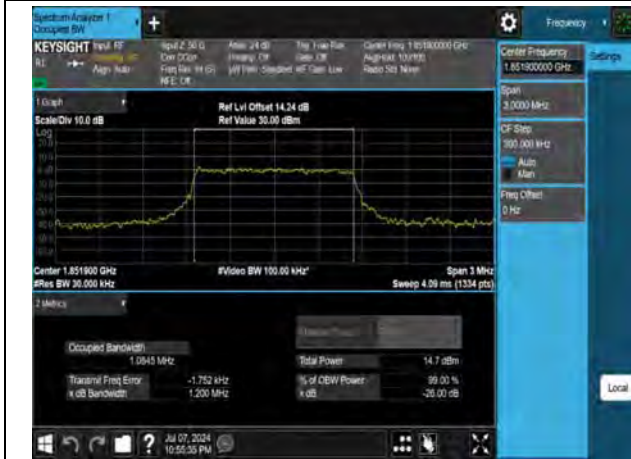


16QAM High channel

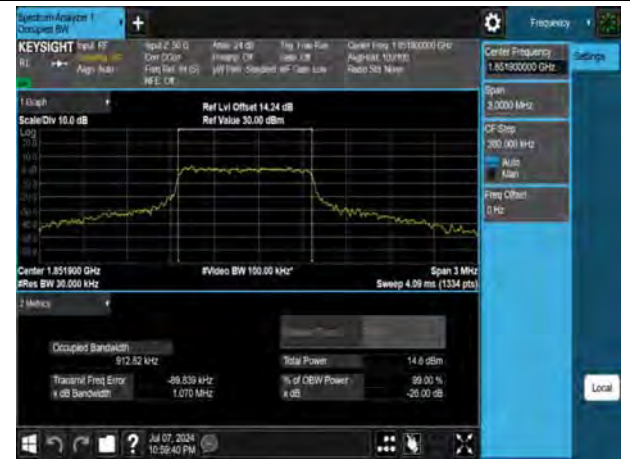


LTE Band 25, Nominal Bandwidth: 20MHz, OBW & 26dB Bandwidth

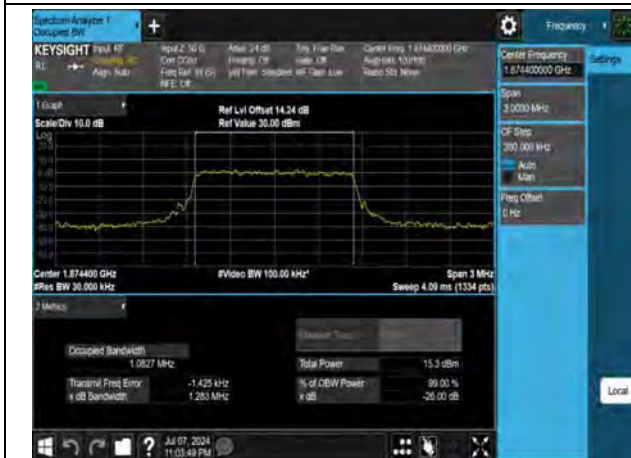
QPSK Low channel



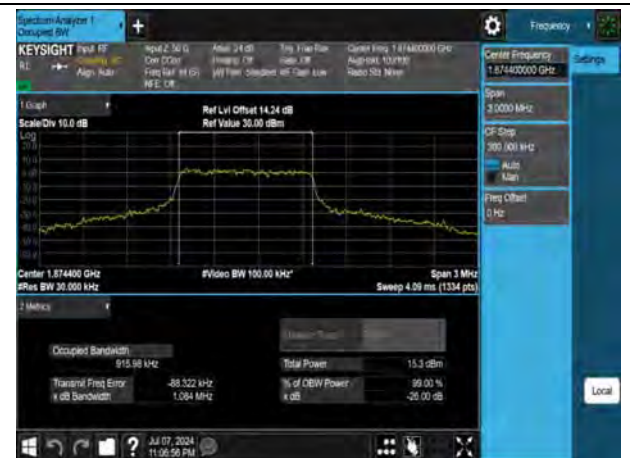
16QAM Low channel



QPSK Middle channel



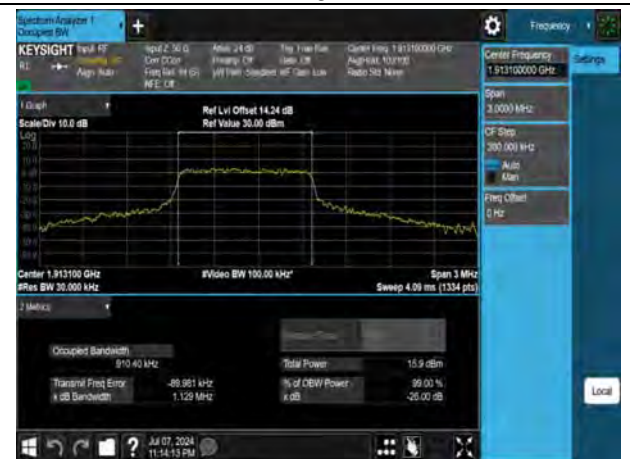
16QAM Middle channel



QPSK High channel



16QAM High channel



LTE Band 26a					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0838	1.0854	1.0810
		26dB bandwidth	1.215	1.228	1.216
	16QAM	OBW	0.91244	0.91286	0.91534
		26dB bandwidth	1.054	1.075	1.063
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0855	1.0804	1.0844
		26dB bandwidth	1.242	1.226	1.199
	16QAM	OBW	0.91342	0.90591	0.90996
		26dB bandwidth	1.068	1.093	1.043
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0871	1.0817	1.0905
		26dB bandwidth	1.235	1.220	1.236
	16QAM	OBW	0.91358	0.90656	0.91256
		26dB bandwidth	1.097	1.097	1.072
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	/	1.0857	/
		26dB bandwidth	/	1.251	/
	16QAM	OBW	/	0.91013	/
		26dB bandwidth	/	1.082	/

LTE Band 26a, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

QPSK Low channel



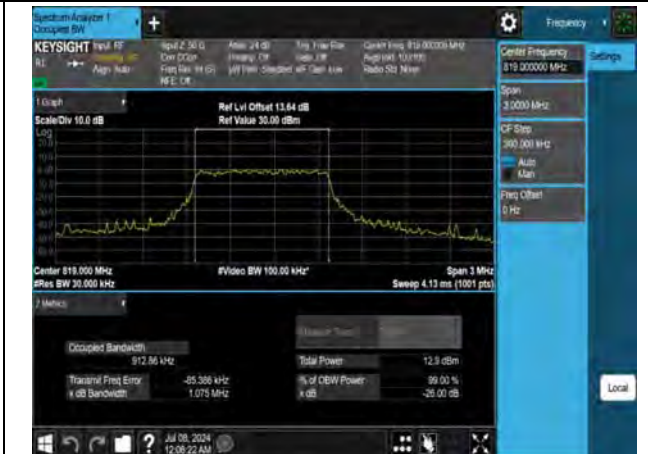
16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

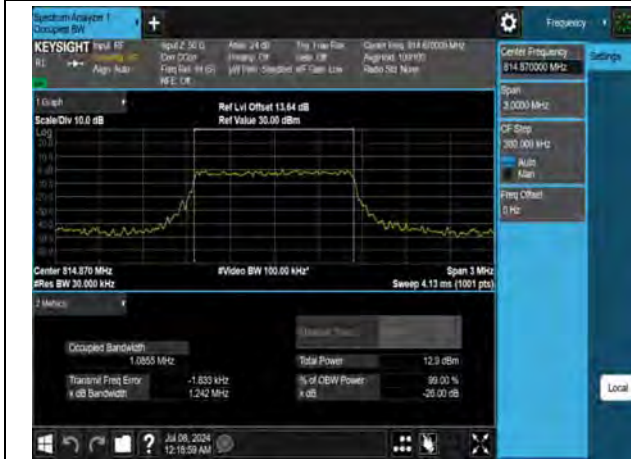


16QAM High channel



LTE Band 26a, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



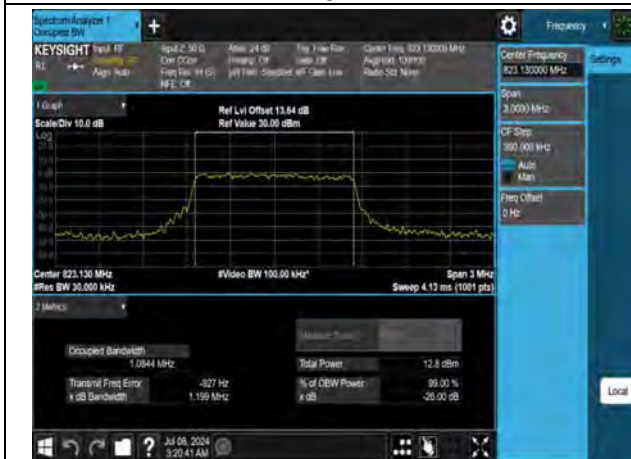
QPSK Middle channel



16QAM Middle channel



QPSK High channel

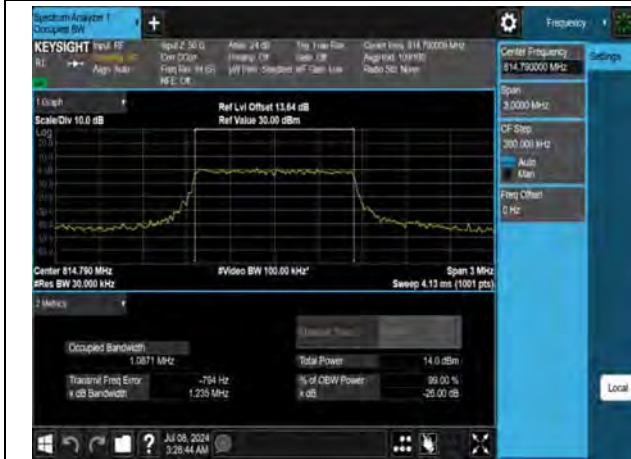


16QAM High channel

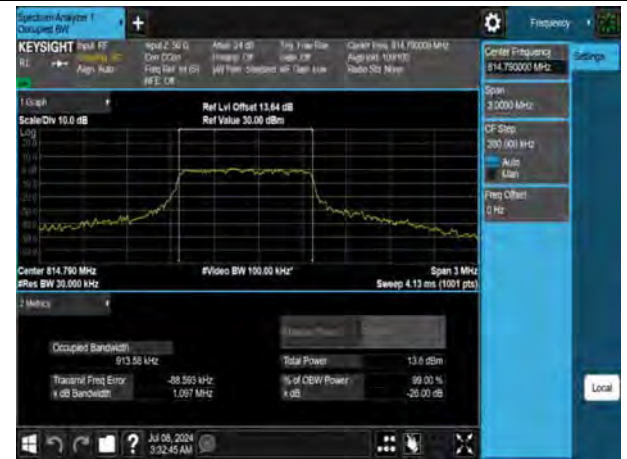


LTE Band 26a, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

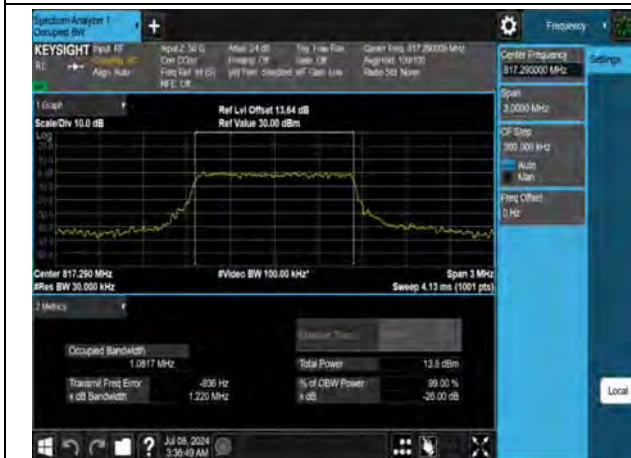
QPSK Low channel



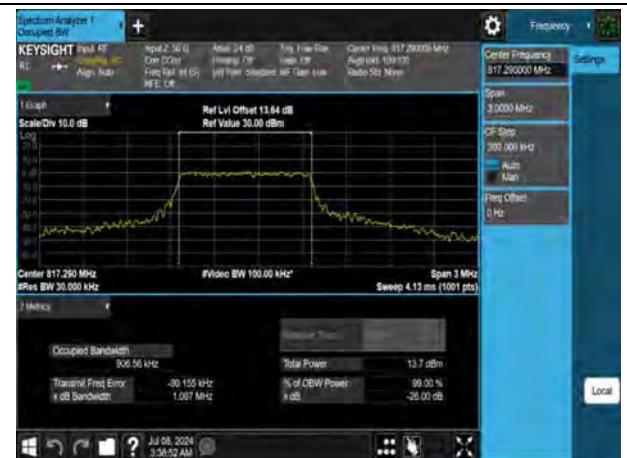
16QAM Low channel



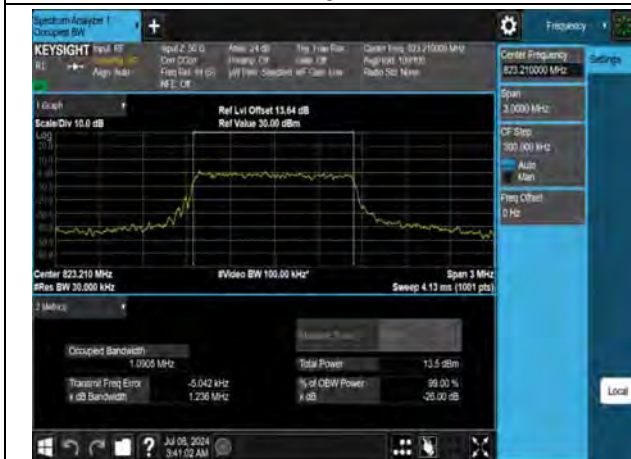
QPSK Middle channel



16QAM Middle channel



QPSK High channel

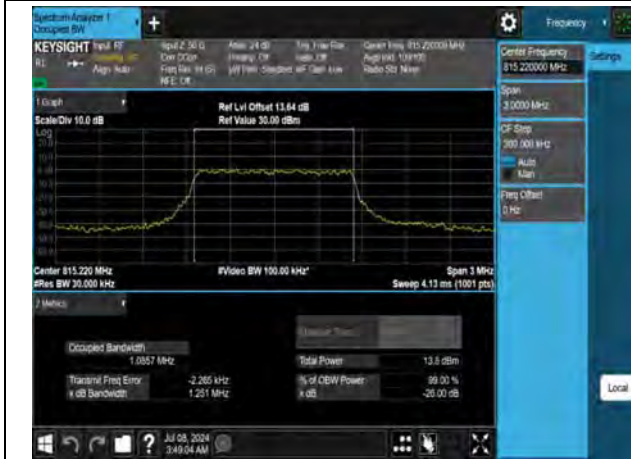


16QAM High channel



LTE Band 26a, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Middle channel



16QAM Middle channel



LTE Band 26b					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0871	1.0830	1.0808
		26dB bandwidth	1.223	1.229	1.232
	16QAM	OBW	0.90775	0.91279	0.91193
		26dB bandwidth	1.075	1.052	1.067
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0884	1.0829	1.0846
		26dB bandwidth	1.214	1.221	1.236
	16QAM	OBW	0.90869	0.91009	0.91543
		26dB bandwidth	1.060	1.045	1.086
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0837	1.0868	1.0893
		26dB bandwidth	1.219	1.246	1.269
	16QAM	OBW	0.91223	0.90908	0.91371
		26dB bandwidth	1.087	1.053	1.077
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0852	1.0903	1.0887
		26dB bandwidth	1.242	1.230	1.263
	16QAM	OBW	0.91227	0.90269	0.91481
		26dB bandwidth	1.065	1.091	1.163
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
15.0 MHz	QPSK	OBW	1.0862	1.0849	1.0897
		26dB bandwidth	1.242	1.255	1.239
	16QAM	OBW	0.90915	0.91720	0.91396
		26dB bandwidth	1.089	1.153	1.134

LTE Band 26b, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

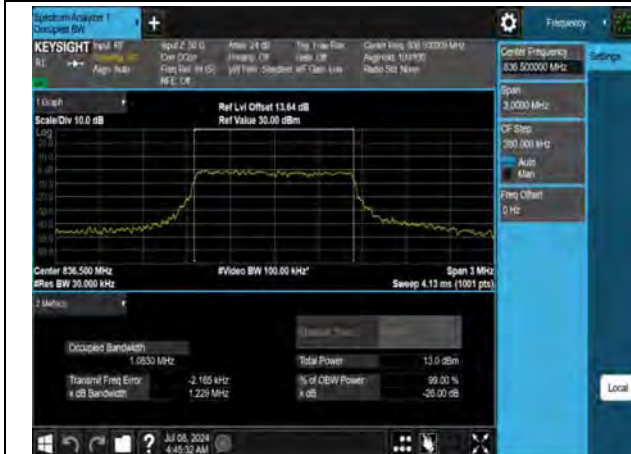
QPSK Low channel



16QAM Low channel



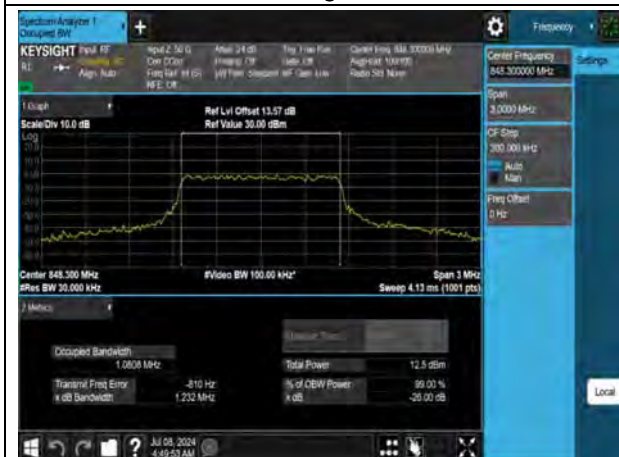
QPSK Middle channel



16QAM Middle channel



QPSK High channel

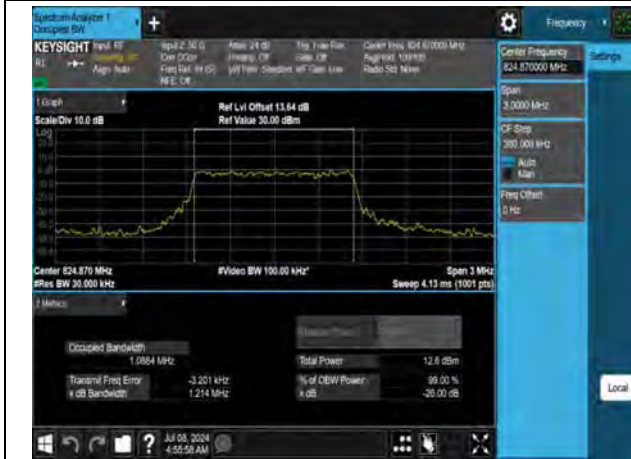


16QAM High channel



LTE Band 26b, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

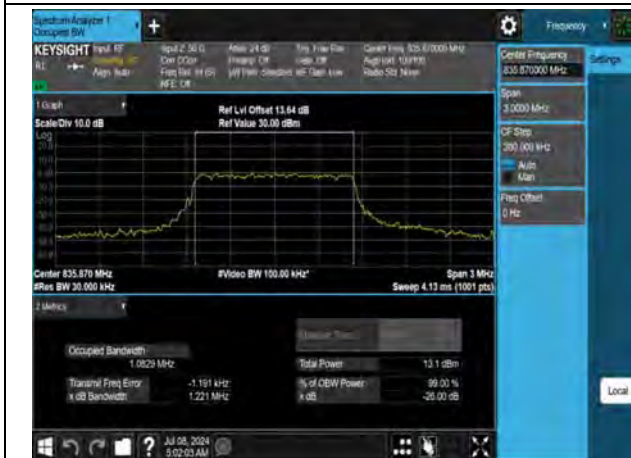
QPSK Low channel



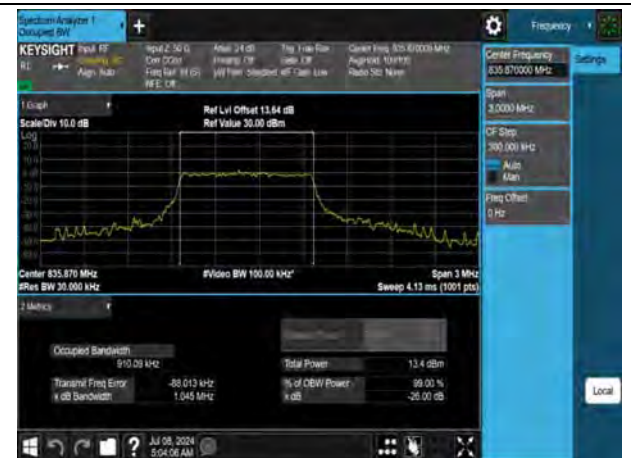
16QAM Low channel



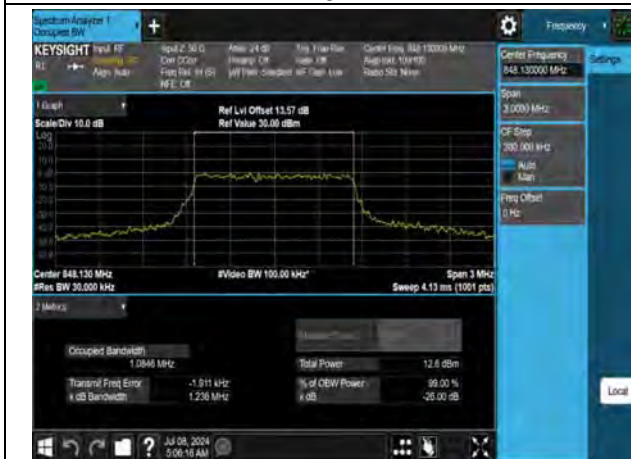
QPSK Middle channel



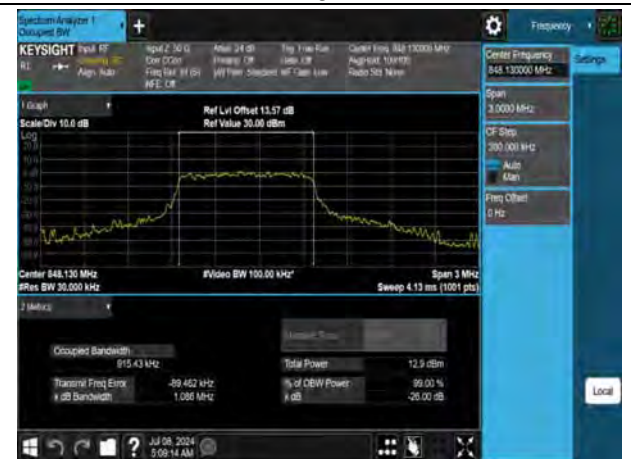
16QAM Middle channel



QPSK High channel

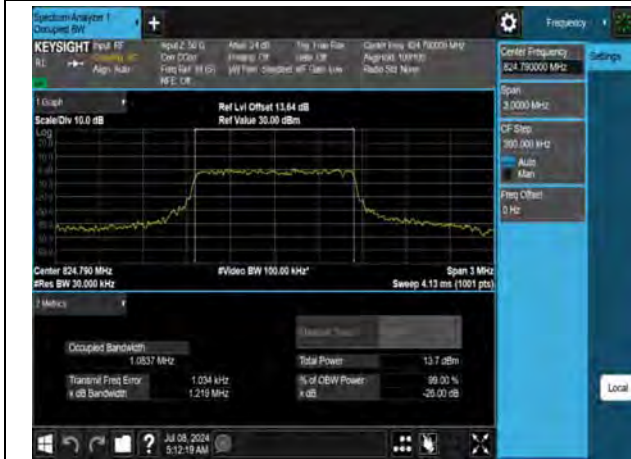


16QAM High channel



LTE Band 26b, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

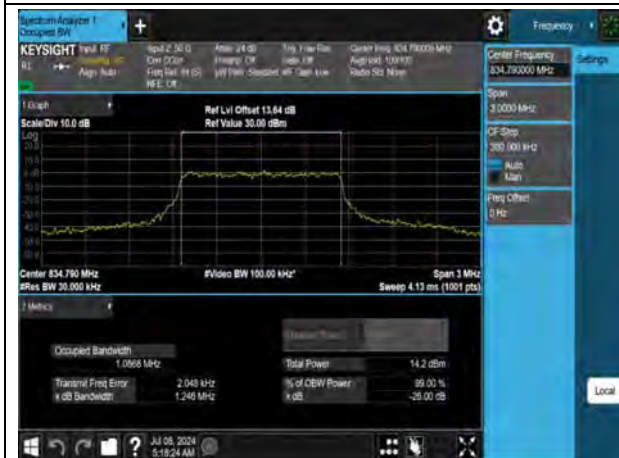
QPSK Low channel



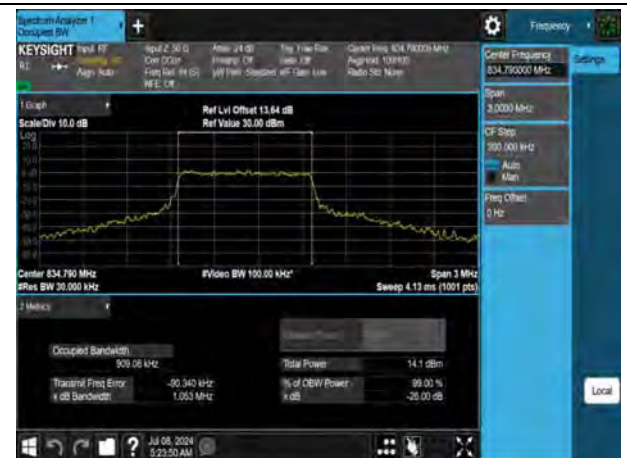
16QAM Low channel



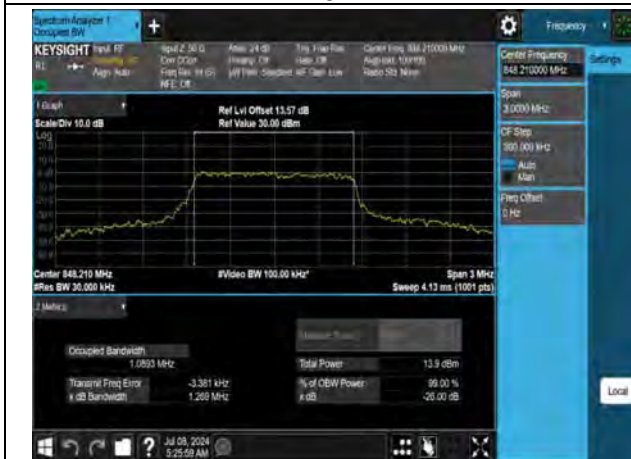
QPSK Middle channel



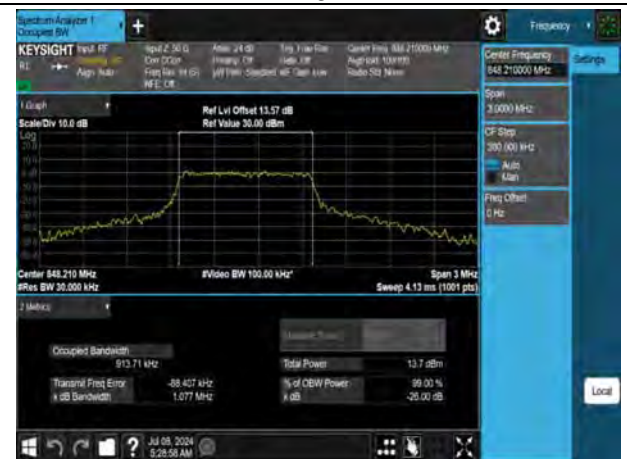
16QAM Middle channel



QPSK High channel

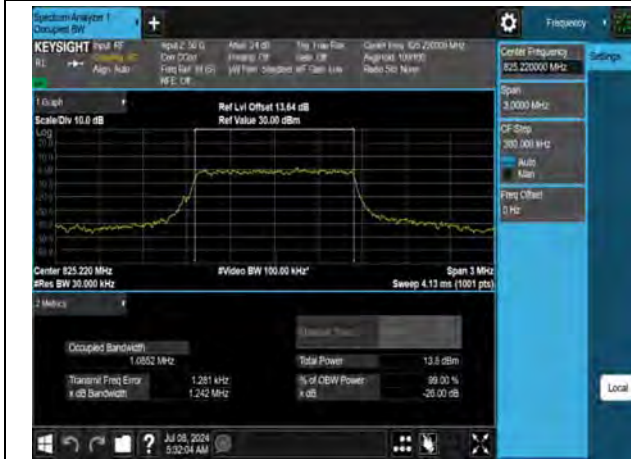


16QAM High channel



LTE Band 26b, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel

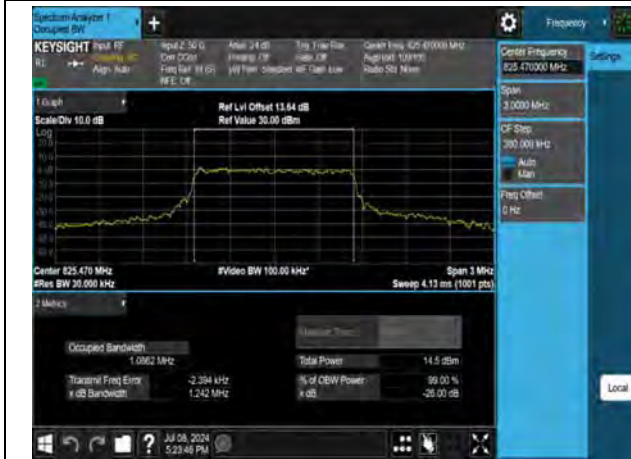


16QAM High channel



LTE Band 26b cross rule, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

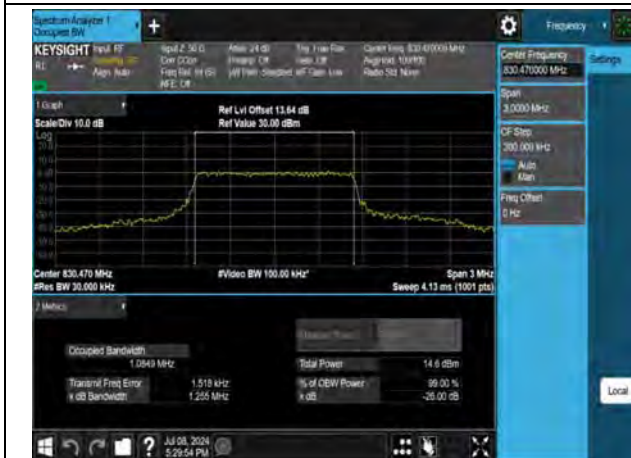
QPSK Low channel



16QAM Low channel



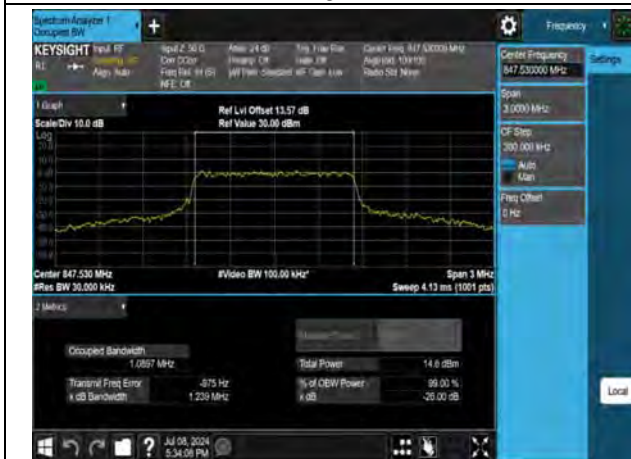
QPSK Middle channel



16QAM Middle channel



QPSK High channel



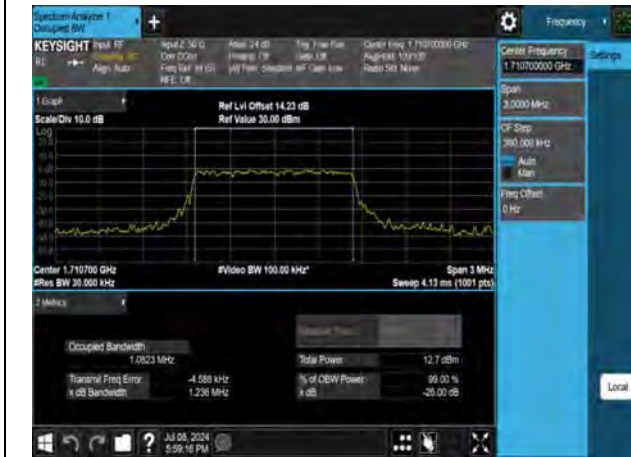
16QAM High channel



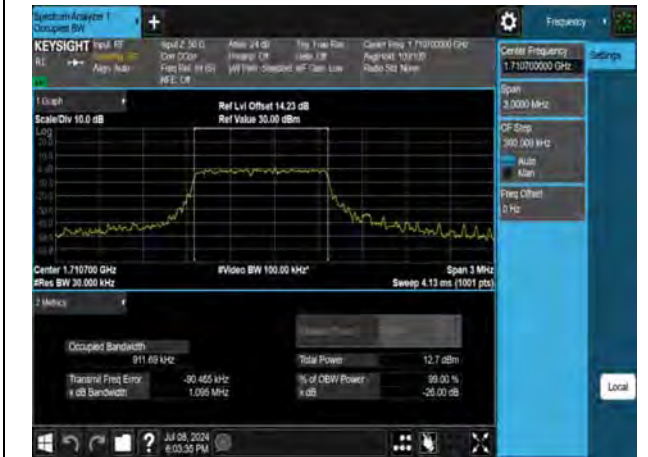
LTE Band 66					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
1.4 MHz	QPSK	OBW	1.0823	1.0844	1.0852
		26dB bandwidth	1.236	1.225	1.244
	16QAM	OBW	0.91169	0.90663	0.91161
		26dB bandwidth	1.095	1.050	1.058
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
3.0 MHz	QPSK	OBW	1.0818	1.0857	1.0861
		26dB bandwidth	1.215	1.215	1.203
	16QAM	OBW	0.90588	0.90921	0.90896
		26dB bandwidth	1.049	1.055	1.075
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0863	1.0913	1.0854
		26dB bandwidth	1.249	1.215	1.263
	16QAM	OBW	0.90864	0.91411	0.90743
		26dB bandwidth	1.064	1.056	1.087
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0869	1.0826	1.0787
		26dB bandwidth	1.251	1.268	1.262
	16QAM	OBW	0.91167	0.90736	0.91023
		26dB bandwidth	1.073	1.066	1.055
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
15.0 MHz	QPSK	OBW	1.0808	1.0850	1.0850
		26dB bandwidth	1.261	1.247	1.222
	16QAM	OBW	0.91347	0.90734	0.9140
		26dB bandwidth	1.078	1.101	1.082
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
20.0 MHz	QPSK	OBW	1.0736	1.0853	1.0793
		26dB bandwidth	1.240	1.270	1.230
	16QAM	OBW	0.91210	0.91175	0.90986
		26dB bandwidth	1.072	1.087	1.065

LTE Band 66, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

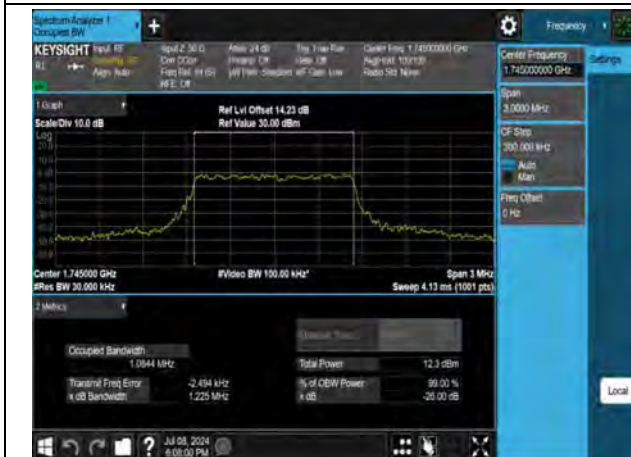
QPSK Low channel



16QAM Low channel



QPSK Middle channel



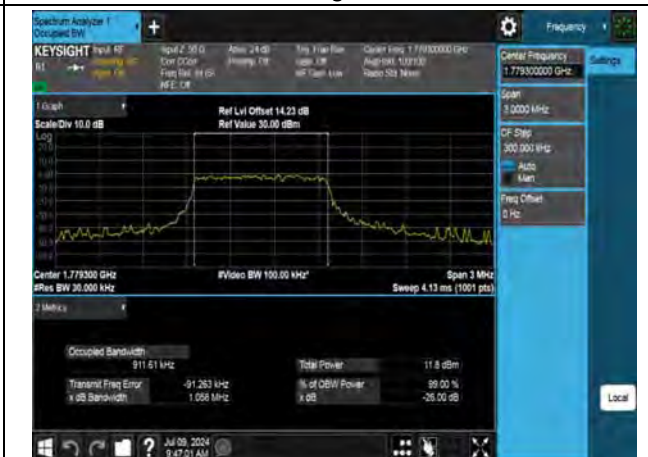
16QAM Middle channel



QPSK High channel

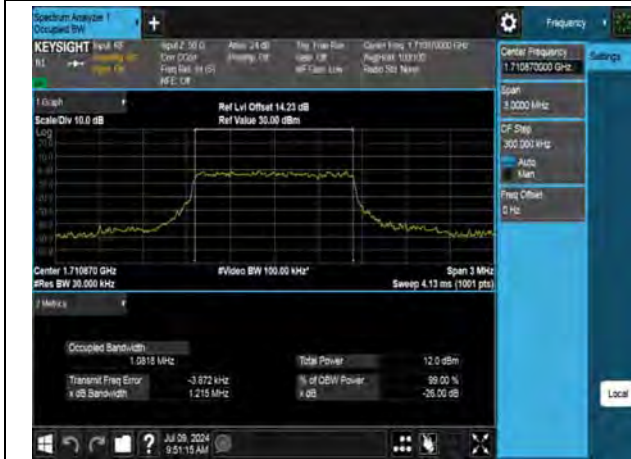


16QAM High channel

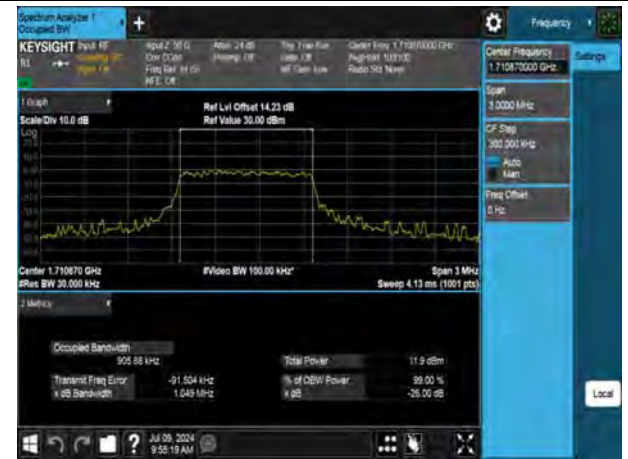


LTE Band 66, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

QPSK Low channel



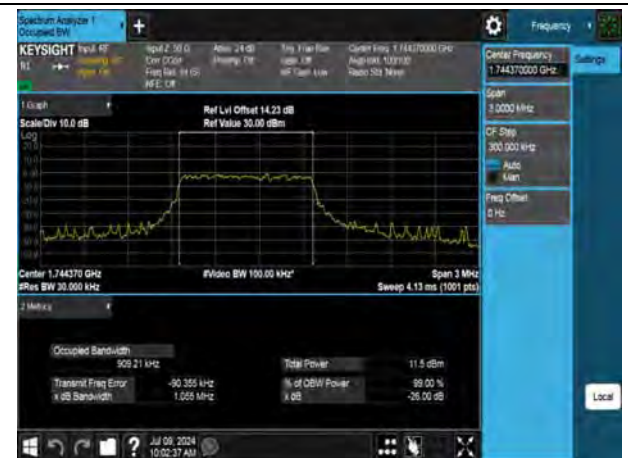
16QAM Low channel



QPSK Middle channel



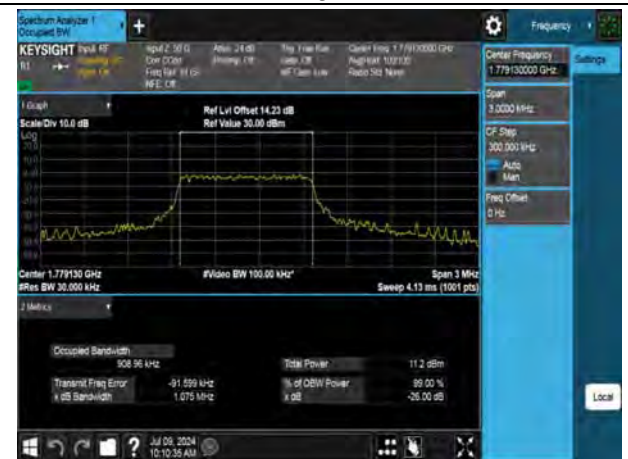
16QAM Middle channel



QPSK High channel

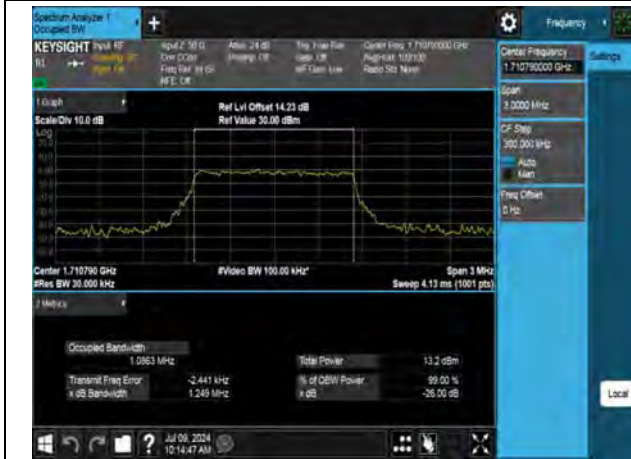


16QAM High channel

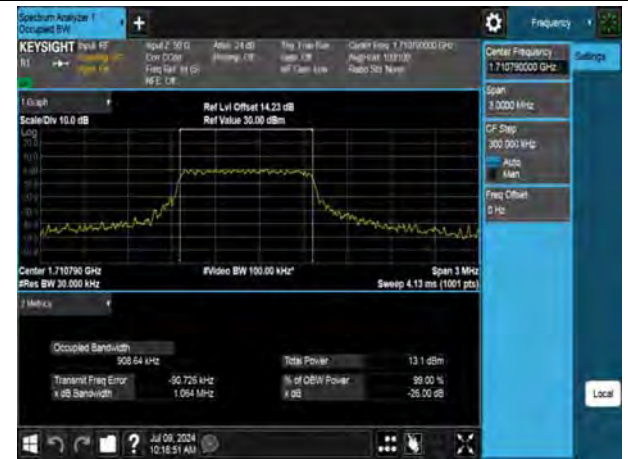


LTE Band 66, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

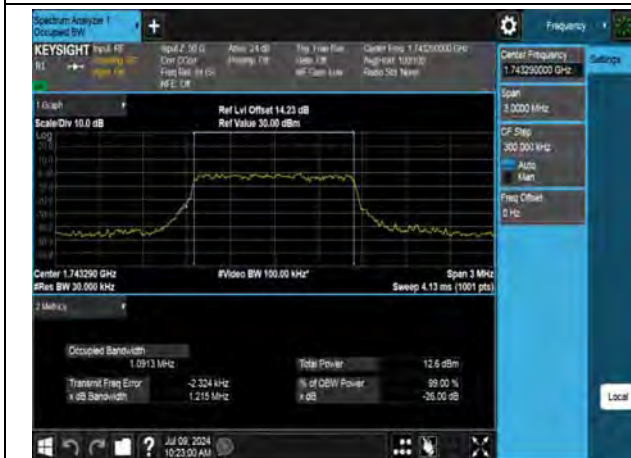
QPSK Low channel



16QAM Low channel



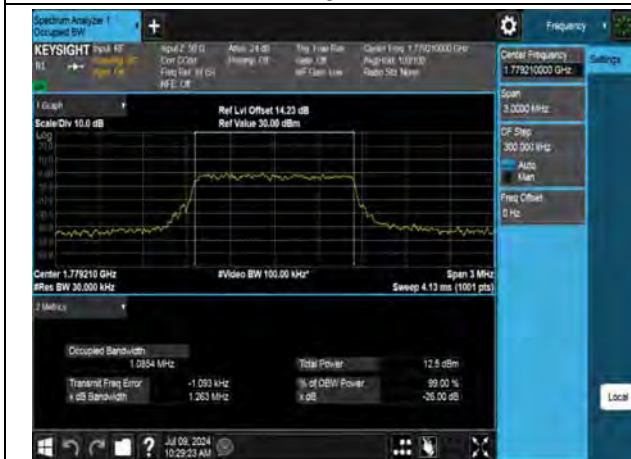
QPSK Middle channel



16QAM Middle channel



QPSK High channel

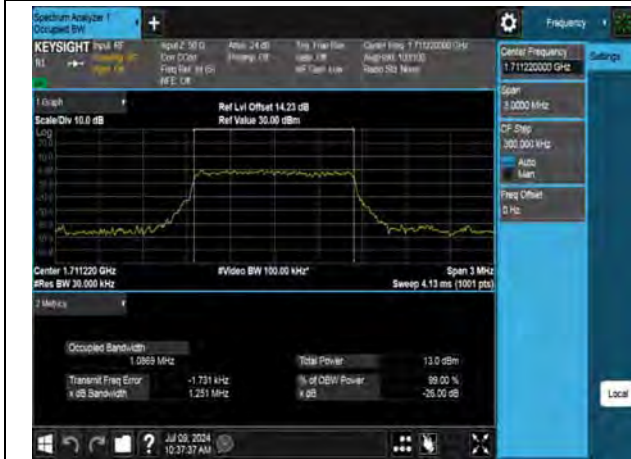


16QAM High channel

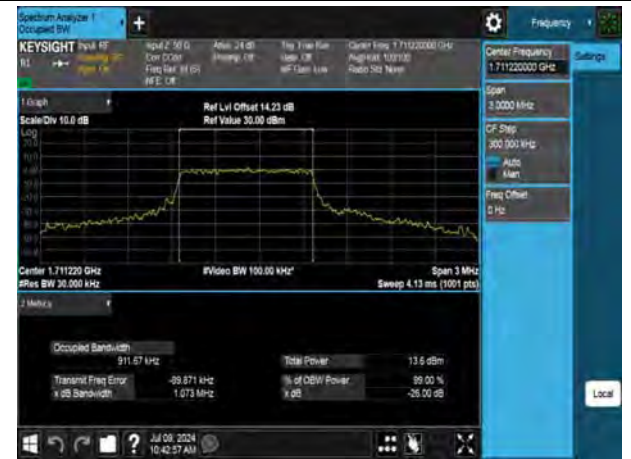


LTE Band 66, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Low channel



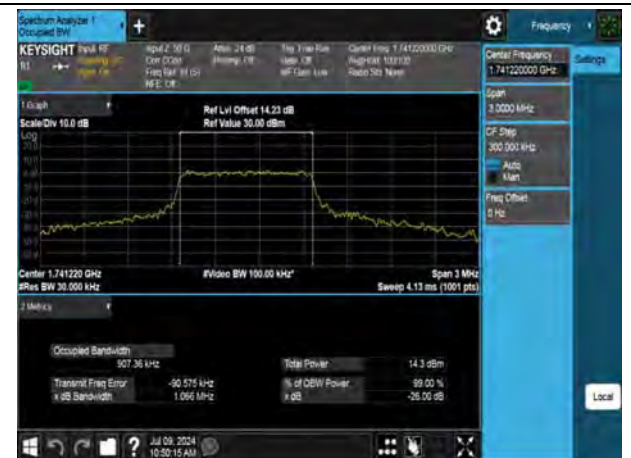
16QAM Low channel



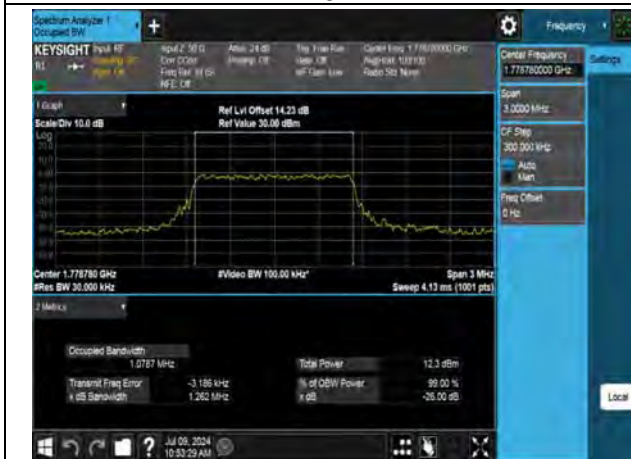
QPSK Middle channel



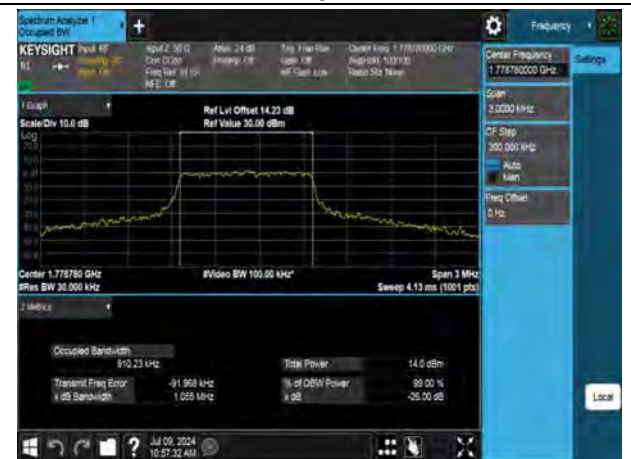
16QAM Middle channel



QPSK High channel

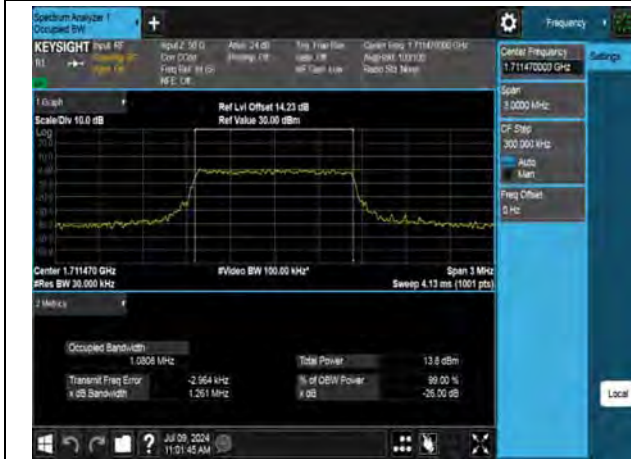


16QAM High channel



LTE Band 66, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



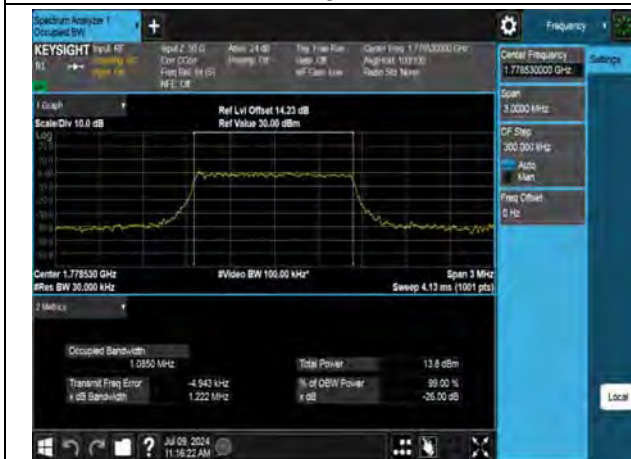
QPSK Middle channel



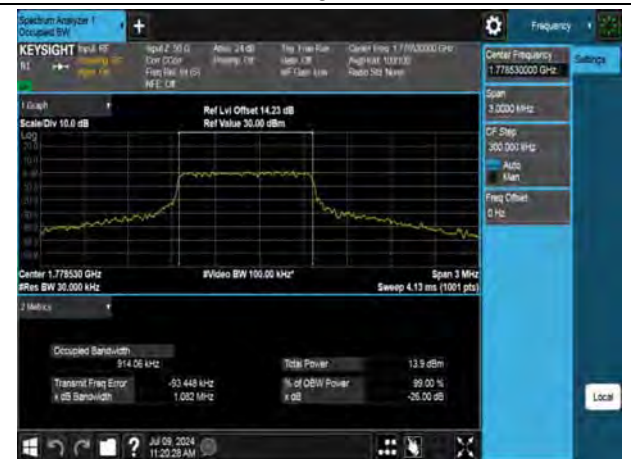
16QAM Middle channel



QPSK High channel

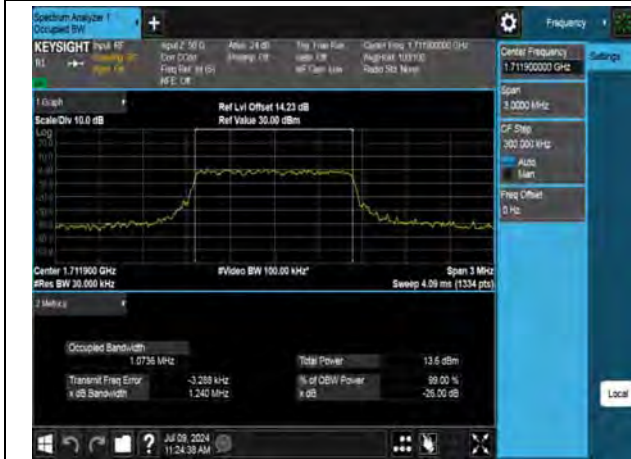


16QAM High channel

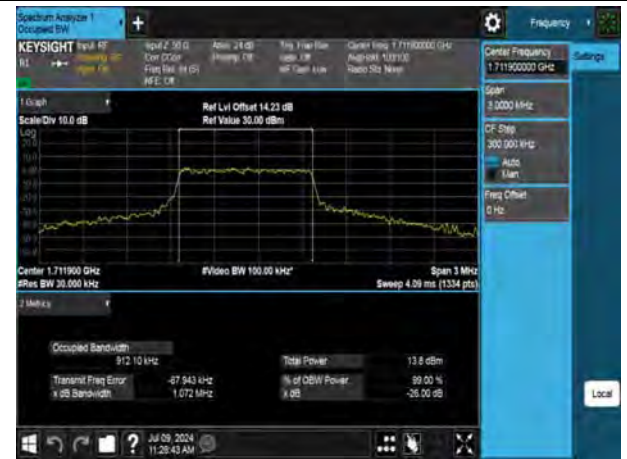


LTE Band 66, Nominal Bandwidth: 20MHz, OBW & 26dB Bandwidth

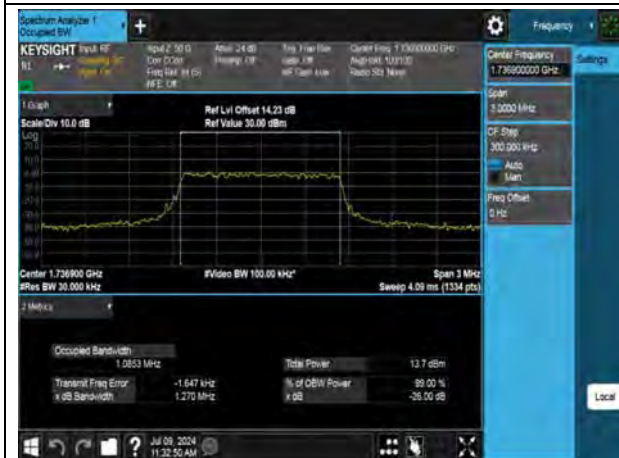
QPSK Low channel



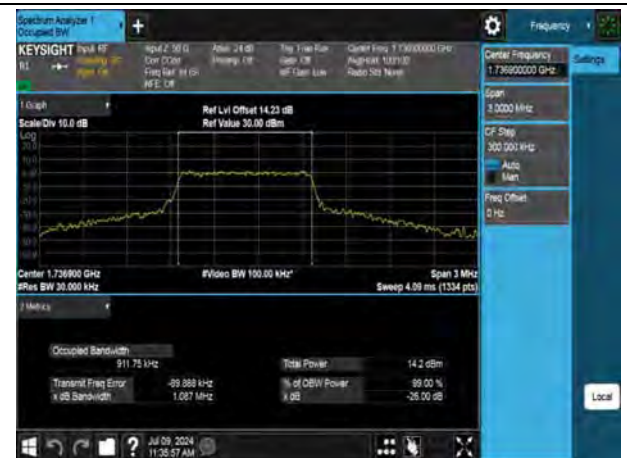
16QAM Low channel



QPSK Middle channel



16QAM Middle channel



QPSK High channel



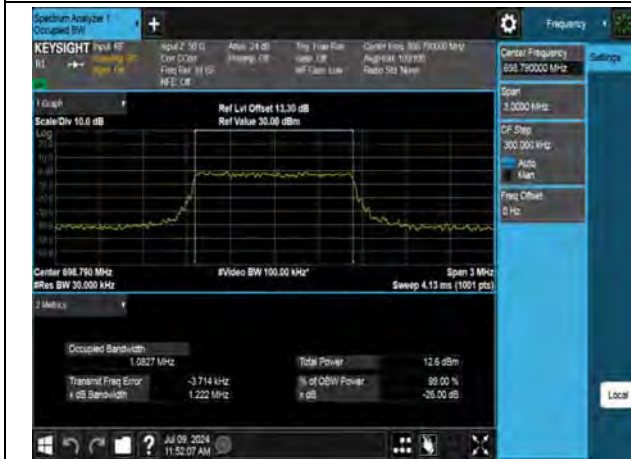
16QAM High channel



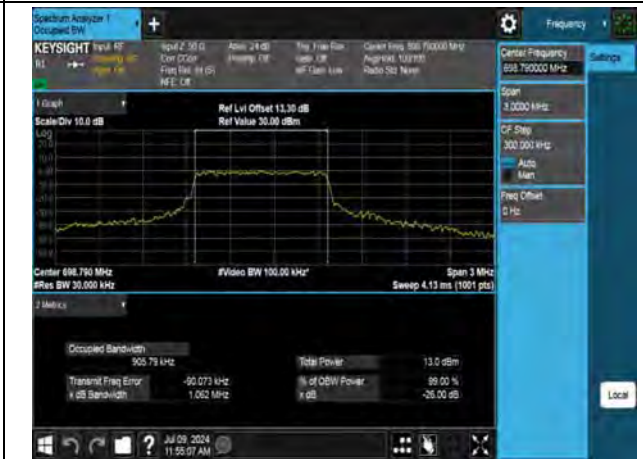
LTE Band 85					
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
5.0 MHz	QPSK	OBW	1.0827	1.0866	1.0877
		26dB bandwidth	1.222	1.251	1.237
	16QAM	OBW	0.90579	0.91402	0.91101
		26dB bandwidth	1.062	1.081	1.074
Nominal Bandwidth	Modulation	Test Item	Test result(MHz)		
			LCH	MCH	HCH
10.0 MHz	QPSK	OBW	1.0894	1.0887	1.0876
		26dB bandwidth	1.246	1.257	1.258
	16QAM	OBW	0.91221	0.90947	0.91461
		26dB bandwidth	1.137	1.097	1.101

LTE Band 85, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

QPSK Low channel



16QAM Low channel



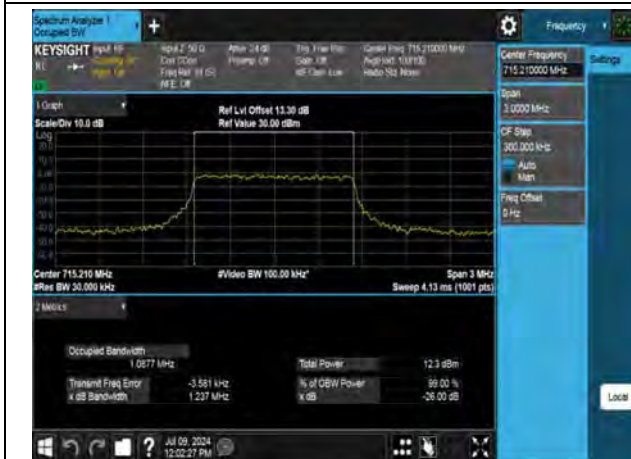
QPSK Middle channel



16QAM Middle channel



QPSK High channel

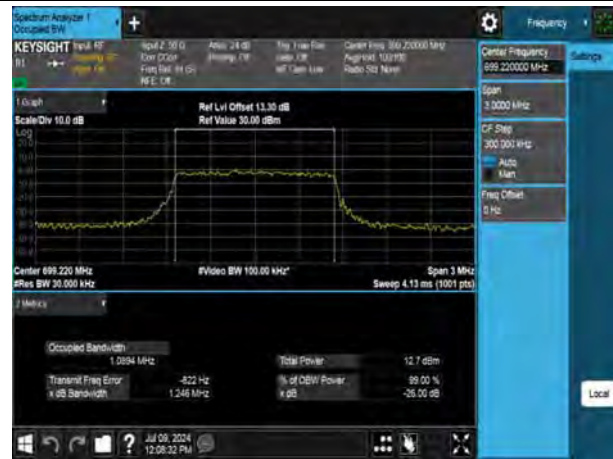


16QAM High channel



LTE Band 85, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

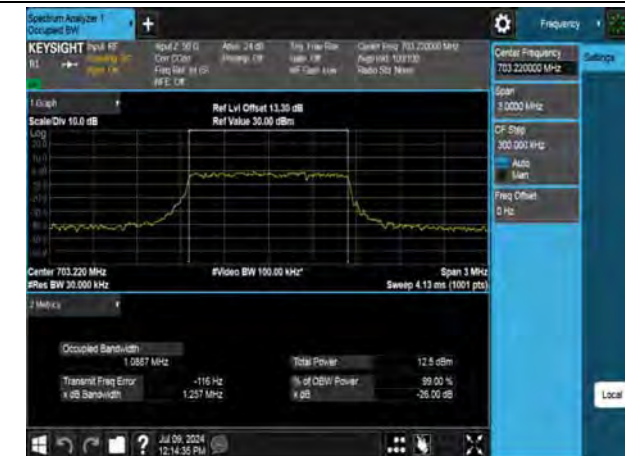
QPSK Low channel



16QAM Low channel



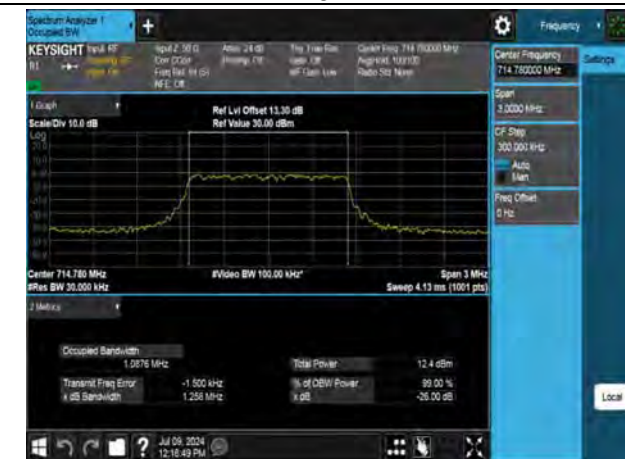
QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel

