

B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant	Mod	B25 LTE 20 MHz		B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1940.00	17.986	1985.00	17.941	35.927
	16QAM	1940.00	17.962	1985.00	17.959	35.921
	64QAM	1940.00	17.959	1985.00	17.944	35.903
	256QAM	1940.00	17.937	1985.00	17.945	35.882
1	QPSK	1940.00	17.958	1985.00	17.973	35.931
	16QAM	1940.00	17.909	1985.00	17.956	35.865
	64QAM	1940.00	17.951	1985.00	17.931	35.882
	256QAM	1940.00	17.988	1985.00	17.984	35.971
2	QPSK	1940.00	17.972	1985.00	17.951	35.923
	16QAM	1940.00	17.948	1985.00	17.977	35.925
	64QAM	1940.00	17.970	1985.00	17.943	35.914
	256QAM	1940.00	17.951	1985.00	17.973	35.924
3	QPSK	1940.00	17.951	1985.00	17.962	35.913
	16QAM	1940.00	17.961	1985.00	17.981	35.942
	64QAM	1940.00	17.934	1985.00	17.963	35.897
	256QAM	1940.00	17.942	1985.00	17.973	35.915

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant	Mod	B25 LTE 20 MHz & NB-IoT		B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1940.00	18.848	1985.00	17.952	36.801
	16QAM	1940.00	18.834	1985.00	17.990	36.824
	64QAM	1940.00	18.858	1985.00	17.933	36.791
	256QAM	1940.00	18.850	1985.00	17.907	36.757
1	QPSK	1940.00	18.873	1985.00	17.947	36.819
	16QAM	1940.00	18.800	1985.00	17.951	36.751
	64QAM	1940.00	18.849	1985.00	17.938	36.787
	256QAM	1940.00	18.897	1985.00	17.963	36.860
2	QPSK	1940.00	18.890	1985.00	17.903	36.794
	16QAM	1940.00	18.834	1985.00	17.939	36.773
	64QAM	1940.00	18.836	1985.00	17.961	36.797
	256QAM	1940.00	18.867	1985.00	17.919	36.787
3	QPSK	1940.00	18.850	1985.00	17.996	36.847
	16QAM	1940.00	18.823	1985.00	17.908	36.732
	64QAM	1940.00	18.887	1985.00	17.944	36.831
	256QAM	1940.00	18.849	1985.00	17.909	36.758

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant	Mod	B25 LTE 20 MHz & NB-IoT		B25 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1940.00	18.844	1985.00	18.615	37.458
	16QAM	1940.00	18.808	1985.00	18.687	37.495
	64QAM	1940.00	18.846	1985.00	18.678	37.524
	256QAM	1940.00	18.818	1985.00	18.641	37.459
1	QPSK	1940.00	18.869	1985.00	18.664	37.533
	16QAM	1940.00	18.799	1985.00	18.668	37.467
	64QAM	1940.00	18.821	1985.00	18.622	37.443
	256QAM	1940.00	18.863	1985.00	18.695	37.558
2	QPSK	1940.00	18.830	1985.00	18.646	37.476
	16QAM	1940.00	18.854	1985.00	18.681	37.535
	64QAM	1940.00	18.891	1985.00	18.655	37.546
	256QAM	1940.00	18.833	1985.00	18.663	37.497
3	QPSK	1940.00	18.898	1985.00	18.656	37.554
	16QAM	1940.00	18.841	1985.00	18.645	37.486
	64QAM	1940.00	18.831	1985.00	18.674	37.505
	256QAM	1940.00	18.843	1985.00	18.698	37.541

B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 10 MHz		B66 LTE 5 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2115.00	9.0072	2177.50	4.4975	13.505
	16QAM	2115.00	8.9910	2177.50	4.4827	13.474
	64QAM	2115.00	9.0208	2177.50	4.5106	13.531
	256QAM	2115.00	8.9725	2177.50	4.5108	13.483
1	QPSK	2115.00	8.9892	2177.50	4.5006	13.490
	16QAM	2115.00	9.0118	2177.50	4.4996	13.511
	64QAM	2115.00	8.9962	2177.50	4.4991	13.495
	256QAM	2115.00	9.0225	2177.50	4.4961	13.519
2	QPSK	2115.00	9.0023	2177.50	4.5018	13.504
	16QAM	2115.00	9.0185	2177.50	4.4901	13.509
	64QAM	2115.00	8.9884	2177.50	4.5110	13.499
	256QAM	2115.00	8.9853	2177.50	4.5101	13.495
3	QPSK	2115.00	9.0453	2177.50	4.5117	13.557
	16QAM	2115.00	9.0371	2177.50	4.4955	13.533
	64QAM	2115.00	9.0214	2177.50	4.5038	13.525
	256QAM	2115.00	9.0435	2177.50	4.5041	13.548

B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 5 MHz		B66 LTE 10 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2112.50	4.5051	2175.00	9.4720	13.977
	16QAM	2112.50	4.4986	2175.00	9.4487	13.947
	64QAM	2112.50	4.4978	2175.00	9.4748	13.973
	256QAM	2112.50	4.4984	2175.00	9.4494	13.948
1	QPSK	2112.50	4.5008	2175.00	9.4671	13.968
	16QAM	2112.50	4.4541	2175.00	9.4583	13.912
	64QAM	2112.50	4.4991	2175.00	9.4605	13.960
	256QAM	2112.50	4.4984	2175.00	9.4744	13.973
2	QPSK	2112.50	4.5056	2175.00	9.4632	13.969
	16QAM	2112.50	4.5116	2175.00	9.4559	13.967
	64QAM	2112.50	4.5023	2175.00	9.4519	13.954
	256QAM	2112.50	4.5060	2175.00	9.4475	13.954
3	QPSK	2112.50	4.4956	2175.00	9.4451	13.941
	16QAM	2112.50	4.4730	2175.00	9.4642	13.937
	64QAM	2112.50	4.5013	2175.00	9.4621	13.963
	256QAM	2112.50	4.5032	2175.00	9.4496	13.953

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 5 MHz		B66 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2112.50	4.4977	2170.00	17.948	22.446
	16QAM	2112.50	4.5034	2170.00	17.948	22.451
	64QAM	2112.50	4.5024	2170.00	17.950	22.452
	256QAM	2112.50	4.4965	2170.00	17.939	22.435
1	QPSK	2112.50	4.5023	2170.00	17.962	22.465
	16QAM	2112.50	4.5039	2170.00	17.916	22.420
	64QAM	2112.50	4.4922	2170.00	17.962	22.454
	256QAM	2112.50	4.5048	2170.00	17.973	22.477
2	QPSK	2112.50	4.4930	2170.00	17.933	22.426
	16QAM	2112.50	4.4799	2170.00	17.965	22.445
	64QAM	2112.50	4.4973	2170.00	17.953	22.451
	256QAM	2112.50	4.4966	2170.00	17.918	22.414
3	QPSK	2112.50	4.5099	2170.00	17.933	22.443
	16QAM	2112.50	4.4770	2170.00	17.971	22.448
	64QAM	2112.50	4.5024	2170.00	17.979	22.481
	256QAM	2112.50	4.5027	2170.00	17.953	22.456

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 5 MHz		B66 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2112.50	4.4888	2170.00	18.711	23.200
	16QAM	2112.50	4.4735	2170.00	18.639	23.112
	64QAM	2112.50	4.5092	2170.00	18.650	23.159
	256QAM	2112.50	4.5045	2170.00	18.667	23.171
1	QPSK	2112.50	4.5030	2170.00	18.630	23.133
	16QAM	2112.50	4.5023	2170.00	18.668	23.170
	64QAM	2112.50	4.4982	2170.00	18.681	23.180
	256QAM	2112.50	4.4966	2170.00	18.675	23.172
2	QPSK	2112.50	4.5070	2170.00	18.673	23.180
	16QAM	2112.50	4.4794	2170.00	18.682	23.162
	64QAM	2112.50	4.4969	2170.00	18.645	23.142
	256QAM	2112.50	4.4944	2170.00	18.656	23.151
3	QPSK	2112.50	4.5038	2170.00	18.612	23.116
	16QAM	2112.50	4.4815	2170.00	18.686	23.167
	64QAM	2112.50	4.4923	2170.00	18.667	23.159
	256QAM	2112.50	4.5078	2170.00	18.641	23.148

B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 10 MHz		B66 LTE 10 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2115.00	9.0000	2175.00	9.0133	18.013
	16QAM	2115.00	9.0006	2175.00	9.0228	18.023
	64QAM	2115.00	8.9901	2175.00	9.0277	18.018
	256QAM	2115.00	9.0084	2175.00	8.9945	18.003
1	QPSK	2115.00	8.9932	2175.00	8.9784	17.972
	16QAM	2115.00	8.9832	2175.00	8.9964	17.980
	64QAM	2115.00	8.9844	2175.00	9.0174	18.002
	256QAM	2115.00	8.9711	2175.00	9.0093	17.980
2	QPSK	2115.00	8.9775	2175.00	8.9878	17.965
	16QAM	2115.00	9.0067	2175.00	9.0050	18.012
	64QAM	2115.00	9.0108	2175.00	9.0147	18.026
	256QAM	2115.00	8.9988	2175.00	9.0081	18.007
3	QPSK	2115.00	9.0021	2175.00	9.0362	18.038
	16QAM	2115.00	8.9879	2175.00	9.0248	18.013
	64QAM	2115.00	9.0052	2175.00	9.0153	18.020
	256QAM	2115.00	9.0105	2175.00	9.0002	18.011

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 10 MHz & NB-IoT		B66 LTE 10 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2115.00	9.4875	2175.00	8.9909	18.478
	16QAM	2115.00	9.4738	2175.00	9.0247	18.498
	64QAM	2115.00	9.4664	2175.00	9.0178	18.484
	256QAM	2115.00	9.4487	2175.00	8.9777	18.426
1	QPSK	2115.00	9.4817	2175.00	8.9960	18.478
	16QAM	2115.00	9.4476	2175.00	8.9903	18.438
	64QAM	2115.00	9.4836	2175.00	8.9856	18.469
	256QAM	2115.00	9.4495	2175.00	8.9820	18.432
2	QPSK	2115.00	9.4923	2175.00	9.0246	18.517
	16QAM	2115.00	9.4616	2175.00	9.0200	18.482
	64QAM	2115.00	9.4731	2175.00	9.0129	18.486
	256QAM	2115.00	9.4618	2175.00	9.0044	18.466
3	QPSK	2115.00	9.4944	2175.00	8.9816	18.476
	16QAM	2115.00	9.4524	2175.00	8.9968	18.449
	64QAM	2115.00	9.4701	2175.00	9.0174	18.487
	256QAM	2115.00	9.4542	2175.00	9.0097	18.464

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant	Mod	B66 LTE 10 MHz & NB-IoT		B66 LTE 10 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	2115.00	9.4890	2175.00	9.4565	18.946
	16QAM	2115.00	9.4842	2175.00	9.4657	18.950
	64QAM	2115.00	9.4493	2175.00	9.4743	18.924
	256QAM	2115.00	9.4850	2175.00	9.4550	18.940
1	QPSK	2115.00	9.4807	2175.00	9.4534	18.934
	16QAM	2115.00	9.4762	2175.00	9.4651	18.941
	64QAM	2115.00	9.4762	2175.00	9.4515	18.928
	256QAM	2115.00	9.4877	2175.00	9.4754	18.963
2	QPSK	2115.00	9.4712	2175.00	9.4721	18.943
	16QAM	2115.00	9.4914	2175.00	9.4621	18.953
	64QAM	2115.00	9.4694	2175.00	9.4843	18.954
	256QAM	2115.00	9.4843	2175.00	9.4858	18.970
3	QPSK	2115.00	9.4494	2175.00	9.4701	18.919
	16QAM	2115.00	9.4651	2175.00	9.4548	18.920
	64QAM	2115.00	9.4532	2175.00	9.4570	18.910
	256QAM	2115.00	9.4826	2175.00	9.4446	18.927

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant	Mod	B25 LTE 5 MHz		B25 LTE 5 MHz + B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1932.50	4.4853	1982.50	23.691	28.176
	16QAM	1932.50	4.4782	1982.50	23.589	28.068
	64QAM	1932.50	4.4931	1982.50	23.622	28.115
	256QAM	1932.50	4.4867	1982.50	23.716	28.203
1	QPSK	1932.50	4.4782	1982.50	23.686	28.164
	16QAM	1932.50	4.4752	1982.50	23.715	28.190
	64QAM	1932.50	4.4914	1982.50	23.659	28.150
	256QAM	1932.50	4.4922	1982.50	23.671	28.163
2	QPSK	1932.50	4.4880	1982.50	23.704	28.192
	16QAM	1932.50	4.4835	1982.50	23.662	28.146
	64QAM	1932.50	4.4914	1982.50	23.682	28.173
	256QAM	1932.50	4.4906	1982.50	23.683	28.174
3	QPSK	1932.50	4.4898	1982.50	23.680	28.170
	16QAM	1932.50	4.4920	1982.50	23.663	28.155
	64QAM	1932.50	4.4899	1982.50	23.714	28.204
	256QAM	1932.50	4.4897	1982.50	23.669	28.158

B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant	Mod	B25 LTE 5 MHz + B25 LTE 5 MHz		B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1942.50	23.689	1992.50	4.5104	28.199
	16QAM	1942.50	23.650	1992.50	4.4766	28.127
	64QAM	1942.50	23.702	1992.50	4.4961	28.198
	256QAM	1942.50	23.678	1992.50	4.5006	28.179
1	QPSK	1942.50	23.681	1992.50	4.4968	28.178
	16QAM	1942.50	23.578	1992.50	4.4901	28.068
	64QAM	1942.50	23.574	1992.50	4.4932	28.068
	256QAM	1942.50	23.620	1992.50	4.4913	28.112
2	QPSK	1942.50	23.606	1992.50	4.5104	28.117
	16QAM	1942.50	23.597	1992.50	4.4768	28.074
	64QAM	1942.50	23.570	1992.50	4.5007	28.071
	256QAM	1942.50	23.610	1992.50	4.4990	28.109
3	QPSK	1942.50	23.592	1992.50	4.4945	28.086
	16QAM	1942.50	23.612	1992.50	4.4825	28.094
	64QAM	1942.50	23.683	1992.50	4.4956	28.179
	256QAM	1942.50	23.617	1992.50	4.5090	28.126

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)

Ant	Mod	B25 LTE 5 MHz z		B25 LTE 5 MHz + B25 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1932.50	4.4904	1982.50	24.441	28.931
	16QAM	1932.50	4.4833	1982.50	24.393	28.877
	64QAM	1932.50	4.4940	1982.50	24.460	28.954
	256QAM	1932.50	4.4884	1982.50	24.467	28.955
1	QPSK	1932.50	4.4948	1982.50	24.428	28.923
	16QAM	1932.50	4.4958	1982.50	24.505	29.001
	64QAM	1932.50	4.4927	1982.50	24.466	28.958
	256QAM	1932.50	4.4862	1982.50	24.450	28.937
2	QPSK	1932.50	4.4978	1982.50	24.446	28.944
	16QAM	1932.50	4.4867	1982.50	24.389	28.875
	64QAM	1932.50	4.4881	1982.50	24.455	28.944
	256QAM	1932.50	4.4894	1982.50	24.428	28.918
3	QPSK	1932.50	4.4954	1982.50	24.464	28.960
	16QAM	1932.50	4.4872	1982.50	24.480	28.967
	64QAM	1932.50	4.4853	1982.50	24.420	28.905
	256QAM	1932.50	4.4896	1982.50	24.437	28.927

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)

Ant	Mod	B25 LTE 5 MHz + B25 LTE 5 MHz		B25 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1935.00	9.4749	1985.00	18.648	28.123
	16QAM	1935.00	9.4498	1985.00	18.685	28.135
	64QAM	1935.00	9.4768	1985.00	18.630	28.106
	256QAM	1935.00	9.4616	1985.00	18.701	28.163
1	QPSK	1935.00	9.4574	1985.00	18.636	28.094
	16QAM	1935.00	9.4444	1985.00	18.721	28.165
	64QAM	1935.00	9.4805	1985.00	18.657	28.138
	256QAM	1935.00	9.4469	1985.00	18.676	28.122
2	QPSK	1935.00	9.4681	1985.00	18.650	28.118
	16QAM	1935.00	9.4905	1985.00	18.712	28.202
	64QAM	1935.00	9.4546	1985.00	18.704	28.158
	256QAM	1935.00	9.4496	1985.00	18.696	28.146
3	QPSK	1935.00	9.4783	1985.00	18.680	28.158
	16QAM	1935.00	9.3966	1985.00	18.673	28.070
	64QAM	1935.00	9.4854	1985.00	18.717	28.202
	256QAM	1935.00	9.4504	1985.00	18.676	28.126

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant	Mod	B25 LTE 5 MHz		B25 LTE 20 MHz + B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1932.50	4.4905	1975.00	37.784	42.274
	16QAM	1932.50	4.4877	1975.00	37.856	42.344
	64QAM	1932.50	4.4973	1975.00	37.810	42.307
	256QAM	1932.50	4.4925	1975.00	37.772	42.265
1	QPSK	1932.50	4.4965	1975.00	37.837	42.333
	16QAM	1932.50	4.4860	1975.00	37.804	42.290
	64QAM	1932.50	4.4808	1975.00	37.779	42.260
	256QAM	1932.50	4.4883	1975.00	37.784	42.272
2	QPSK	1932.50	4.5000	1975.00	37.803	42.303
	16QAM	1932.50	4.4749	1975.00	37.864	42.339
	64QAM	1932.50	4.4943	1975.00	37.764	42.258
	256QAM	1932.50	4.4970	1975.00	37.919	42.416
3	QPSK	1932.50	4.4913	1975.00	37.812	42.303
	16QAM	1932.50	4.4837	1975.00	37.827	42.311
	64QAM	1932.50	4.4917	1975.00	37.746	42.237
	256QAM	1932.50	4.4939	1975.00	37.842	42.336

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant	Mod	B25 LTE 5 MHz + B25 LTE 20 MHz		B25 LTE 20 MHz		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1942.50	23.667	1985.00	17.956	41.623
	16QAM	1942.50	23.635	1985.00	17.929	41.564
	64QAM	1942.50	23.647	1985.00	17.950	41.597
	256QAM	1942.50	23.641	1985.00	17.955	41.597
1	QPSK	1942.50	23.657	1985.00	17.931	41.587
	16QAM	1942.50	23.627	1985.00	17.947	41.574
	64QAM	1942.50	23.614	1985.00	17.999	41.614
	256QAM	1942.50	23.660	1985.00	17.981	41.641
2	QPSK	1942.50	23.606	1985.00	17.967	41.573
	16QAM	1942.50	23.634	1985.00	17.927	41.561
	64QAM	1942.50	23.650	1985.00	17.958	41.608
	256QAM	1942.50	23.656	1985.00	17.938	41.594
3	QPSK	1942.50	23.658	1985.00	18.011	41.669
	16QAM	1942.50	23.641	1985.00	17.896	41.537
	64QAM	1942.50	23.685	1985.00	17.974	41.659
	256QAM	1942.50	23.637	1985.00	17.964	41.601

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)

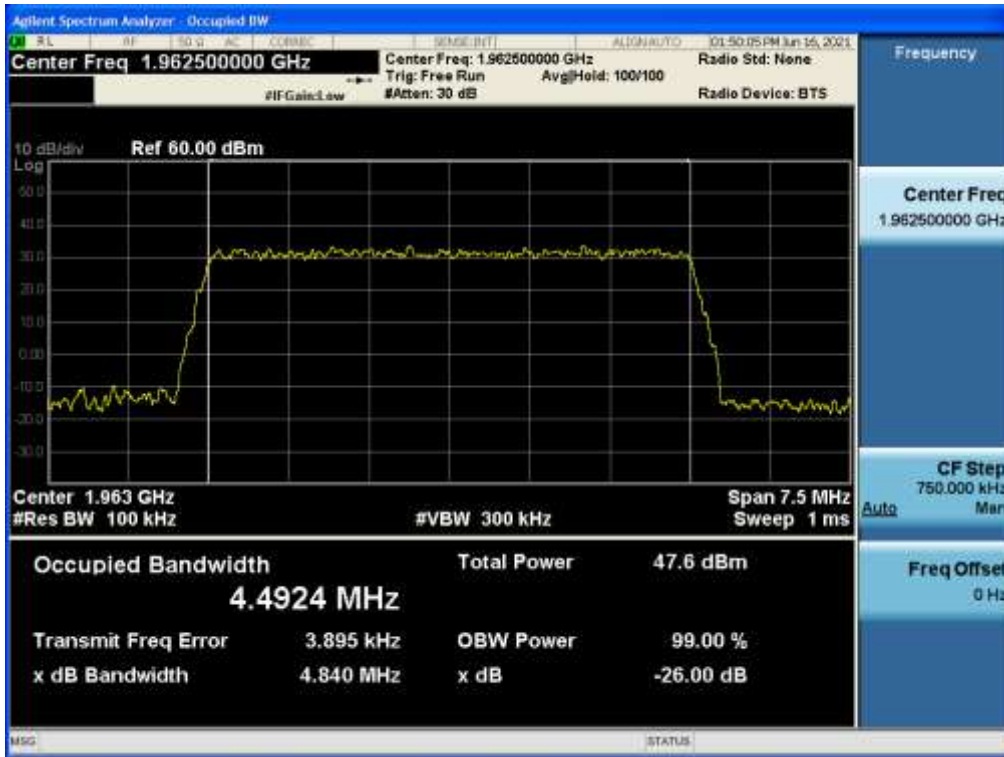
Ant	Mod	B25 LTE 5 MHz		B25 LTE 20 MHz + B25 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1932.50	4.4912	1975.00	38.752	43.243
	16QAM	1932.50	4.4789	1975.00	38.752	43.231
	64QAM	1932.50	4.4843	1975.00	38.747	43.231
	256QAM	1932.50	4.4881	1975.00	38.764	43.252
1	QPSK	1932.50	4.4870	1975.00	38.749	43.236
	16QAM	1932.50	4.4943	1975.00	38.765	43.260
	64QAM	1932.50	4.4838	1975.00	38.745	43.229
	256QAM	1932.50	4.4961	1975.00	38.770	43.267
2	QPSK	1932.50	4.4867	1975.00	38.646	43.133
	16QAM	1932.50	4.4853	1975.00	38.778	43.264
	64QAM	1932.50	4.4886	1975.00	38.759	43.247
	256QAM	1932.50	4.4904	1975.00	38.756	43.247
3	QPSK	1932.50	4.4875	1975.00	38.825	43.313
	16QAM	1932.50	4.4780	1975.00	38.791	43.269
	64QAM	1932.50	4.4905	1975.00	38.708	43.199
	256QAM	1932.50	4.4956	1975.00	38.725	43.220

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)

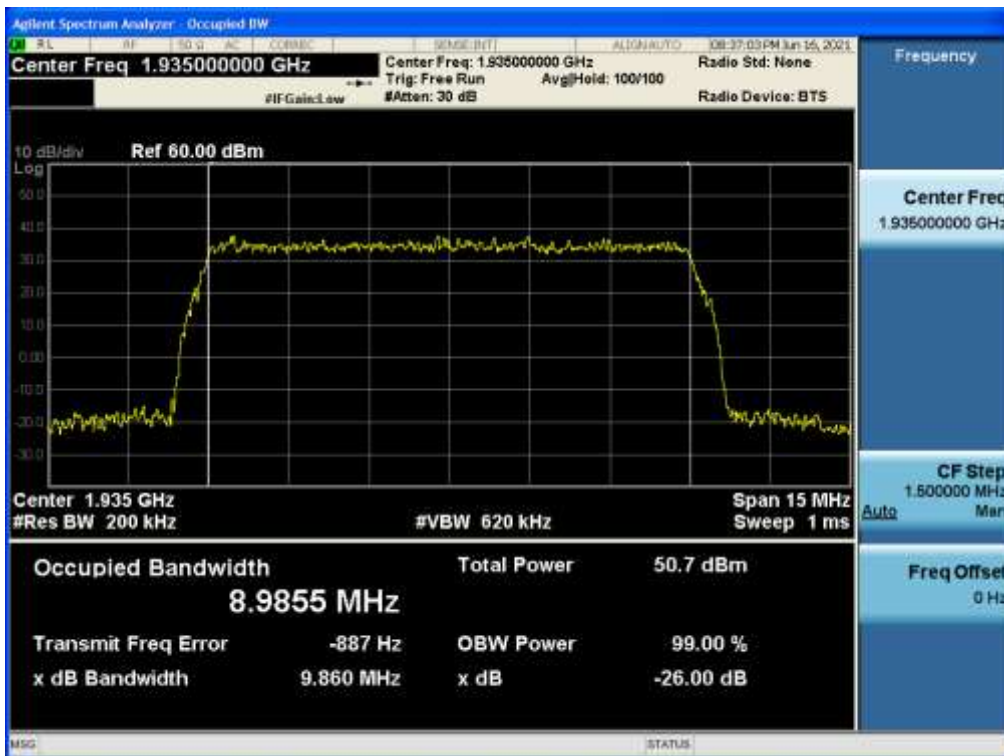
Ant	Mod	B25 LTE 5 MHz + B25 LTE 20 MHz		B25 LTE 20 MHz & NB-IoT		Total OBW (MHz)
		Frequency (MHz)	Measured Value (MHz)	Frequency (MHz)	Measured Value (MHz)	
0	QPSK	1942.50	23.693	1985.00	18.635	42.329
	16QAM	1942.50	23.599	1985.00	18.678	42.277
	64QAM	1942.50	23.648	1985.00	18.647	42.295
	256QAM	1942.50	23.704	1985.00	18.681	42.385
1	QPSK	1942.50	23.691	1985.00	18.633	42.324
	16QAM	1942.50	23.622	1985.00	18.665	42.287
	64QAM	1942.50	23.621	1985.00	18.641	42.262
	256QAM	1942.50	23.595	1985.00	18.652	42.247
2	QPSK	1942.50	23.626	1985.00	18.647	42.272
	16QAM	1942.50	23.607	1985.00	18.642	42.249
	64QAM	1942.50	23.663	1985.00	18.648	42.310
	256QAM	1942.50	23.658	1985.00	18.647	42.305
3	QPSK	1942.50	23.657	1985.00	18.662	42.319
	16QAM	1942.50	23.660	1985.00	18.662	42.323
	64QAM	1942.50	23.700	1985.00	18.629	42.329
	256QAM	1942.50	23.644	1985.00	18.659	42.302

Plot Data of Occupied bandwidth

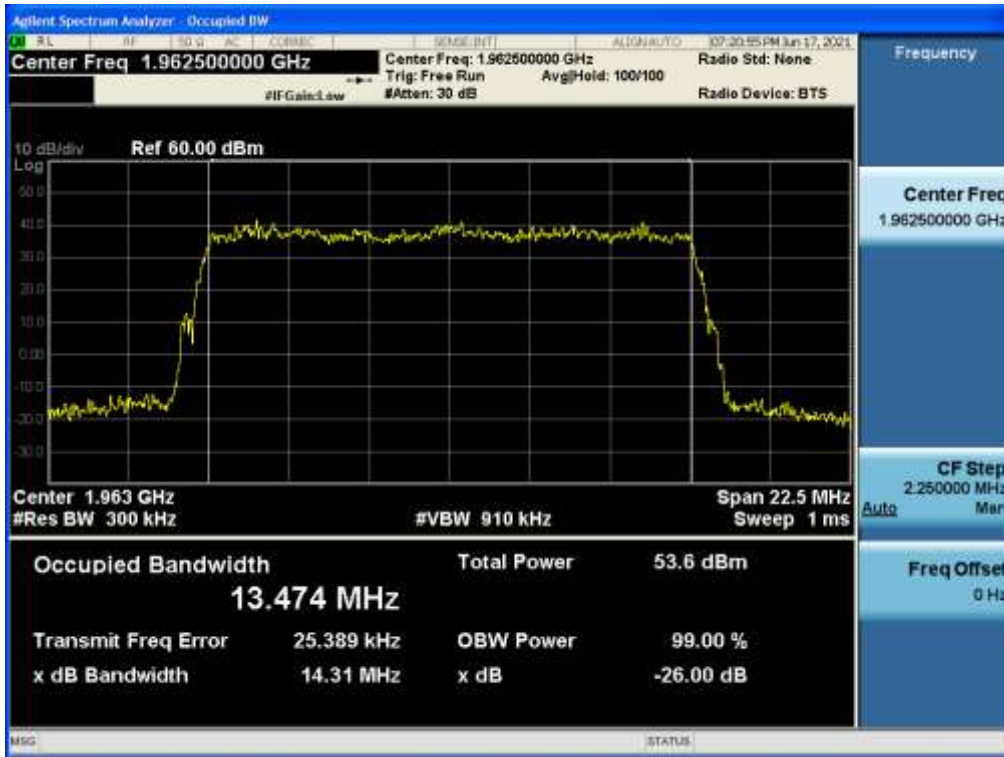
Antenna 1 / B25 LTE 5 MHz 1 Carrier / 64QAM / Middle



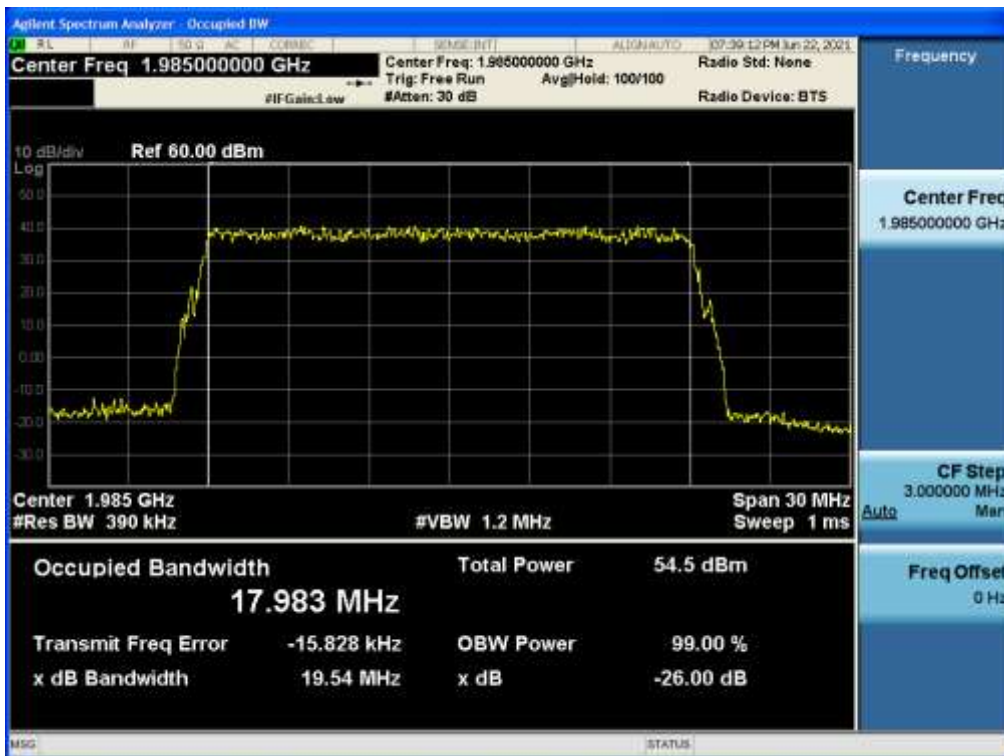
Antenna 1 / B25 LTE 10 MHz 1 Carrier / QPSK / Low



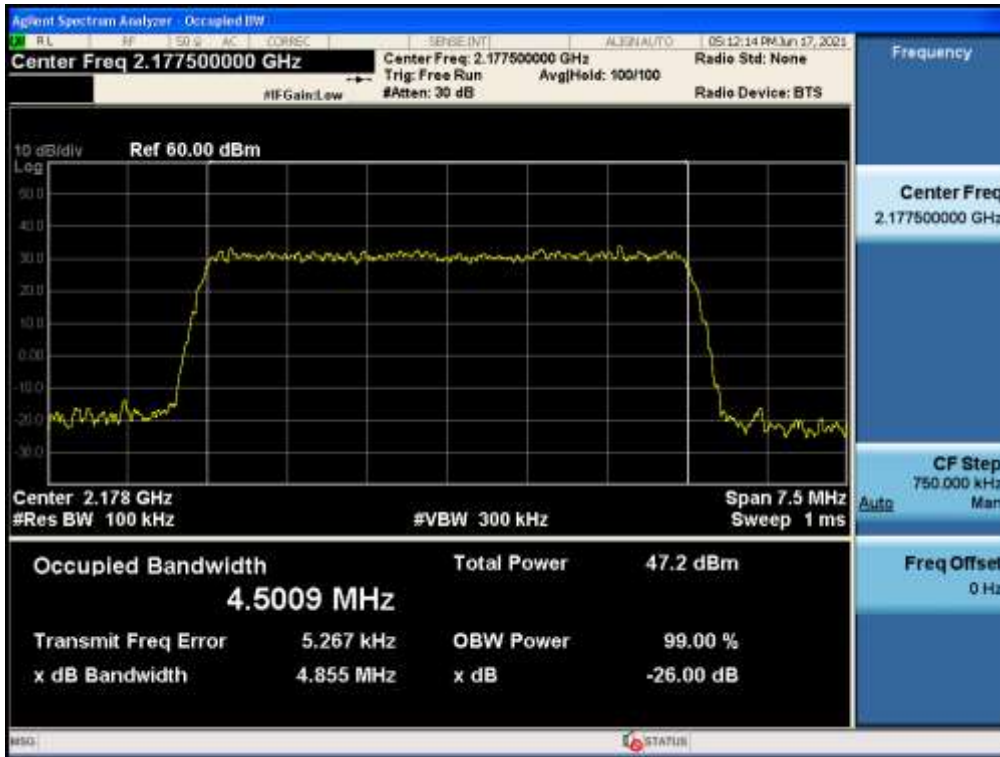
Antenna 1 / B25 LTE 15 MHz 1 Carrier / 16QAM / Middle



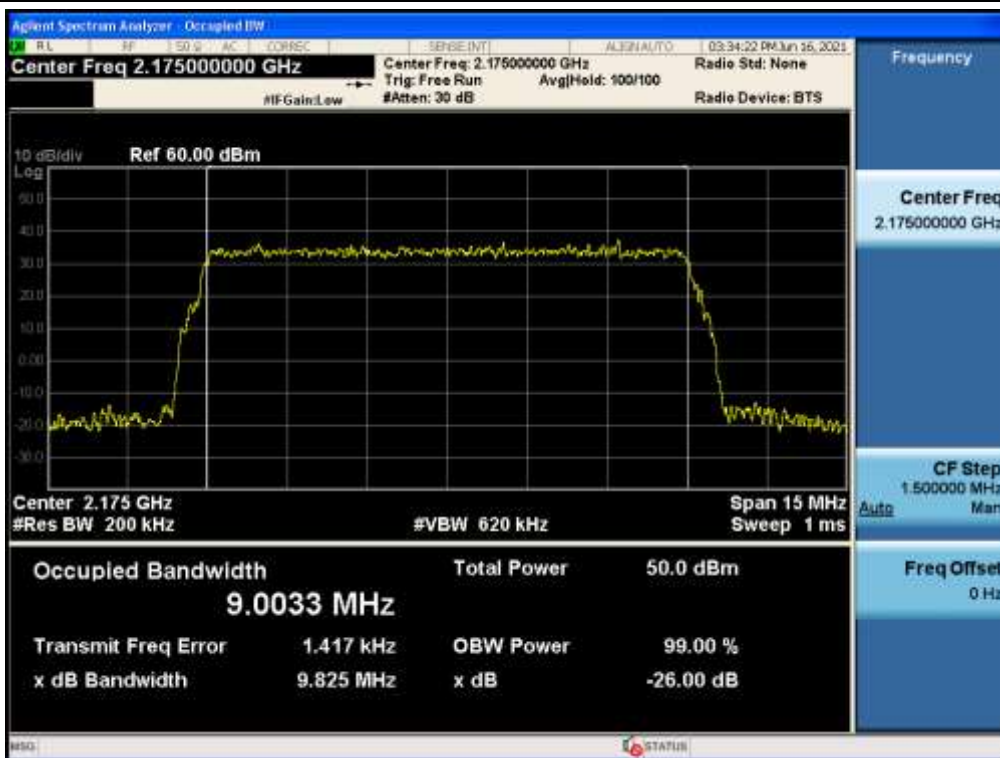
Antenna 1 / B25 LTE 20 MHz 1 Carrier / 16QAM / High



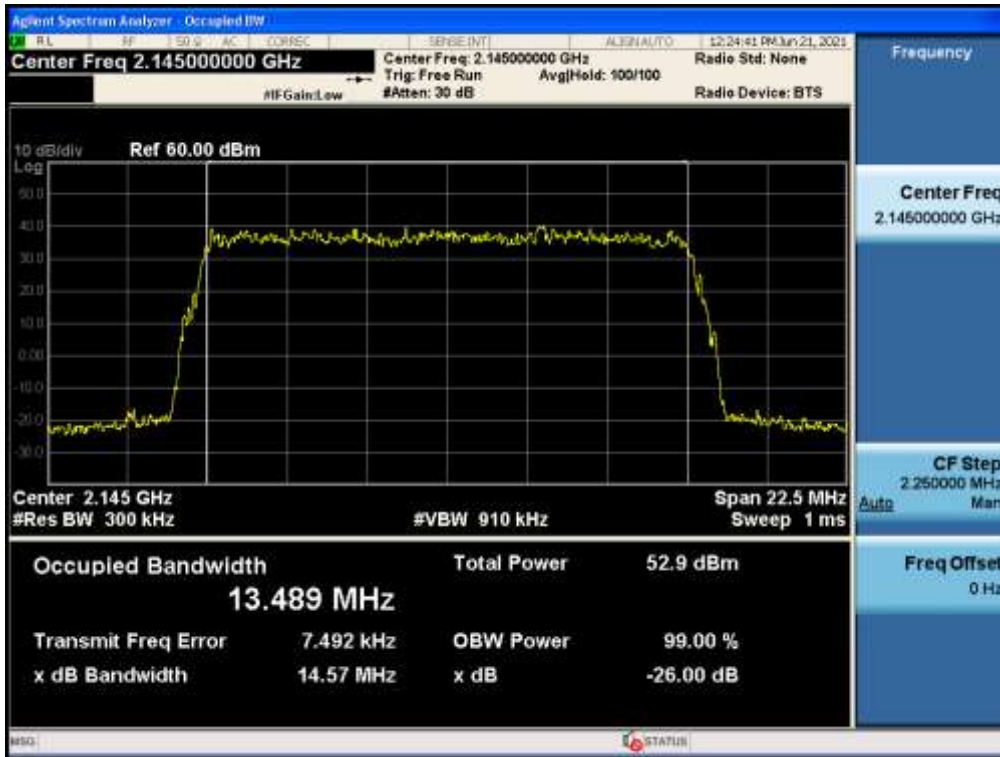
Antenna 1 / B66 LTE 5 MHz 1 Carrier / QPSK / High



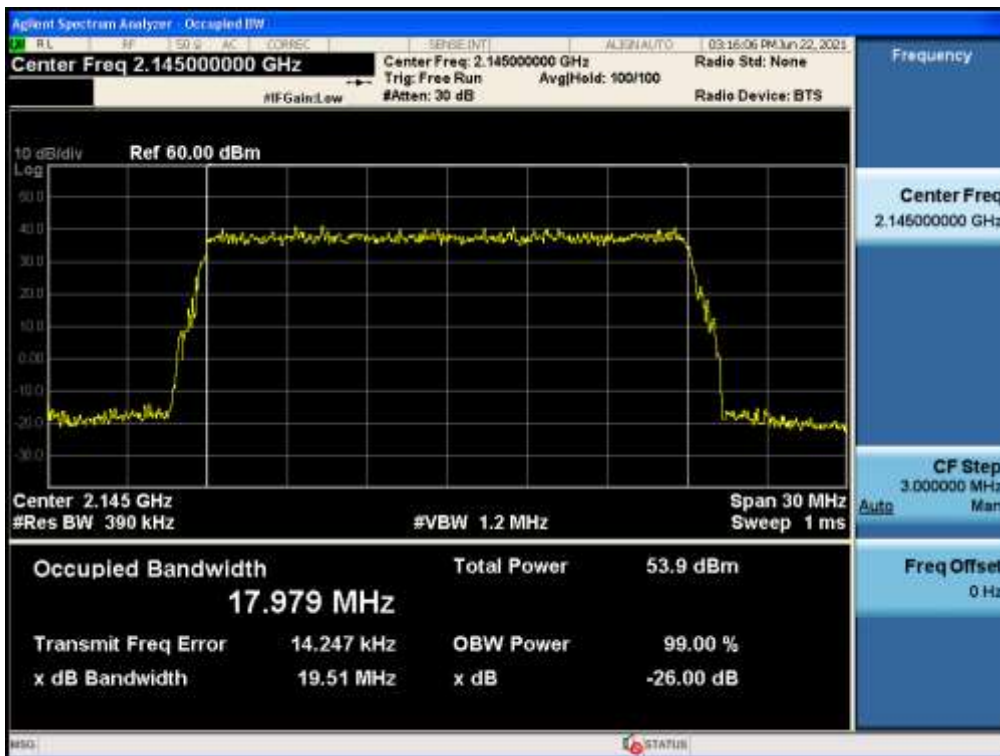
Antenna 1 / B66 LTE 10 MHz 1 Carrier / QPSK / High



Antenna 0 / B66 LTE 15 MHz 1 Carrier / 16QAM / Middle



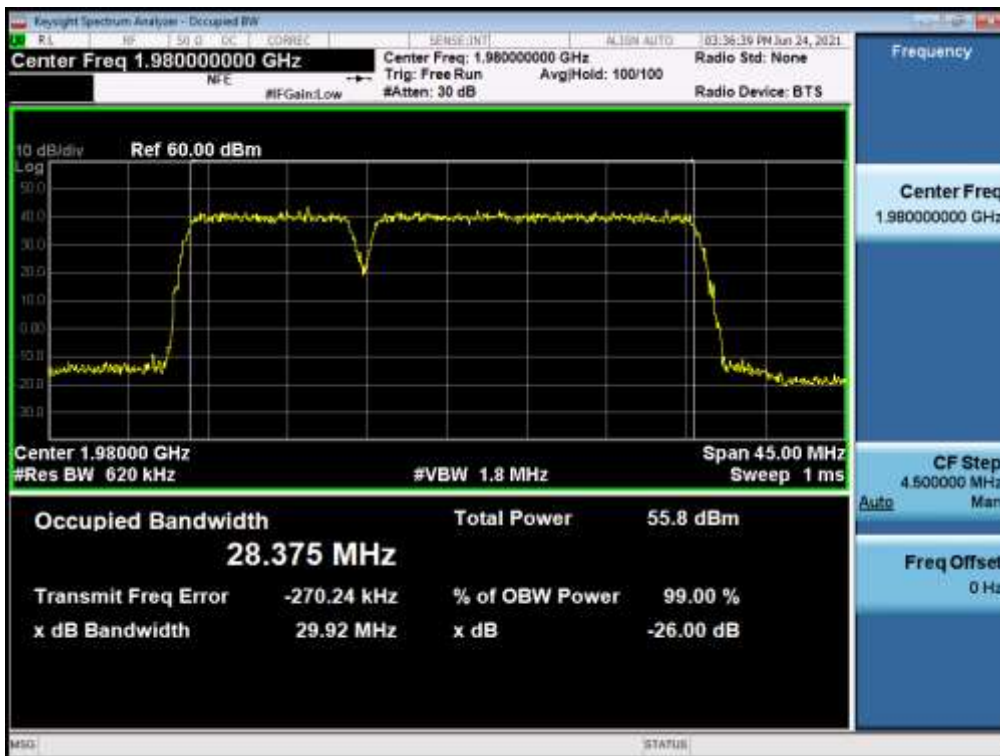
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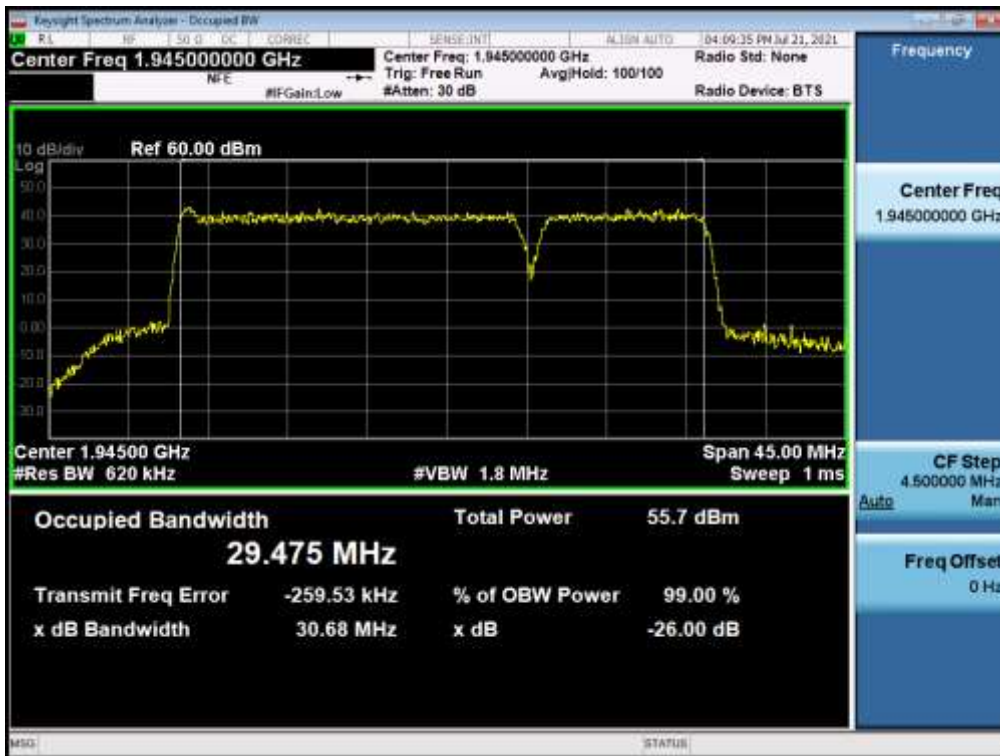
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



Antenna 1 / B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



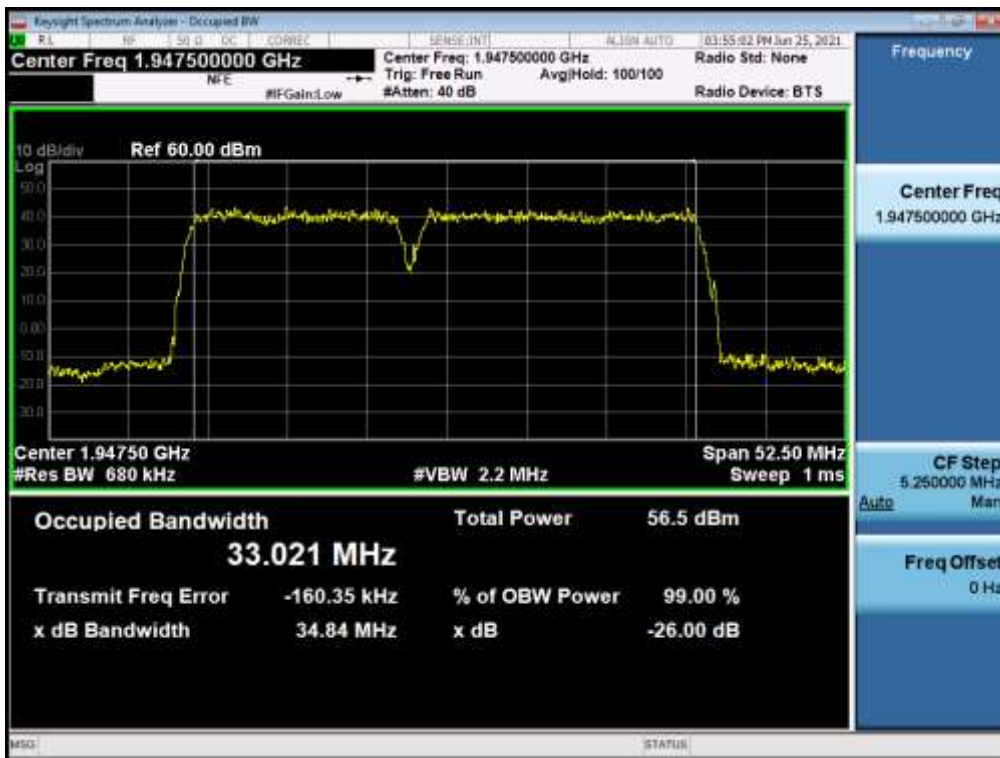
Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle

Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low


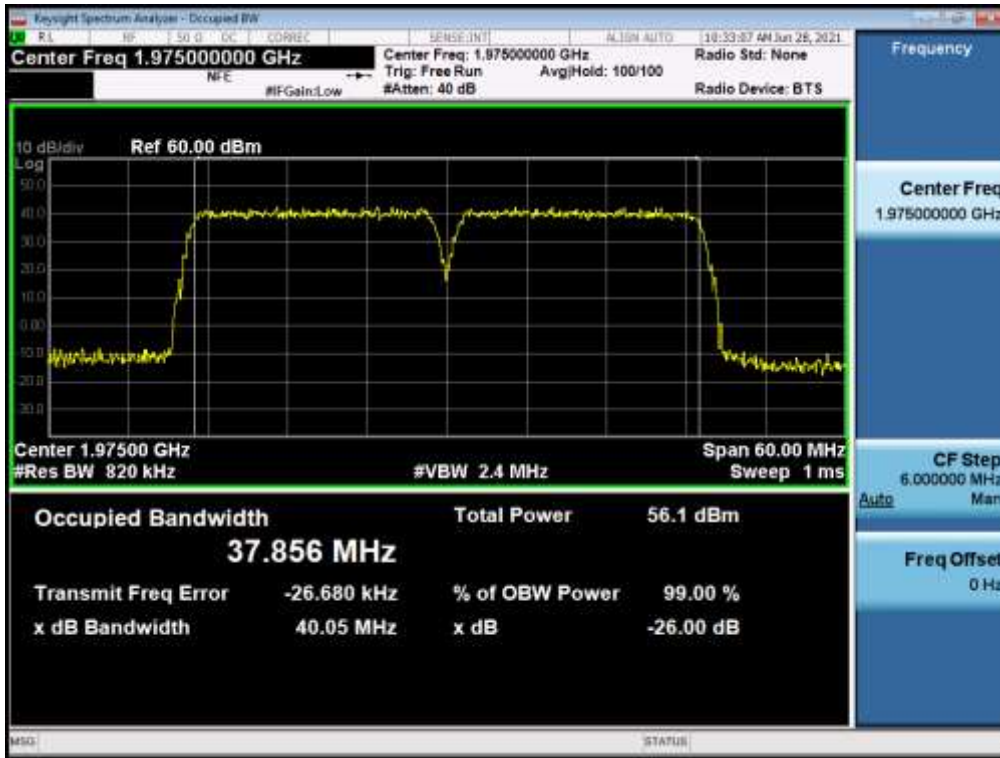
Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 256QAM / Middle



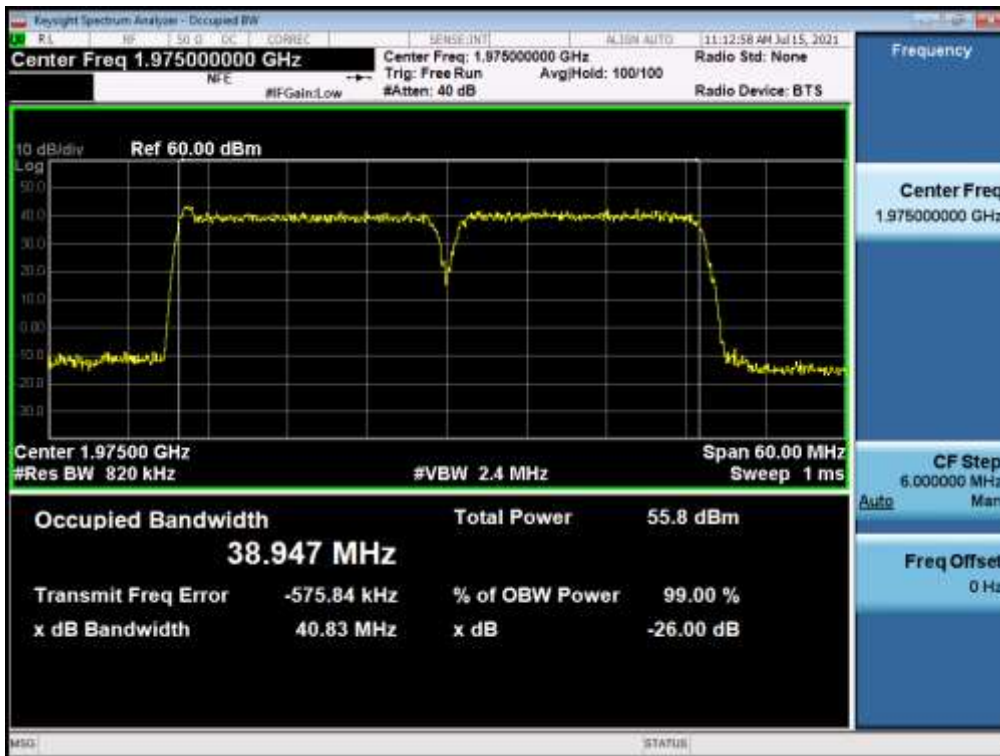
Antenna 1 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



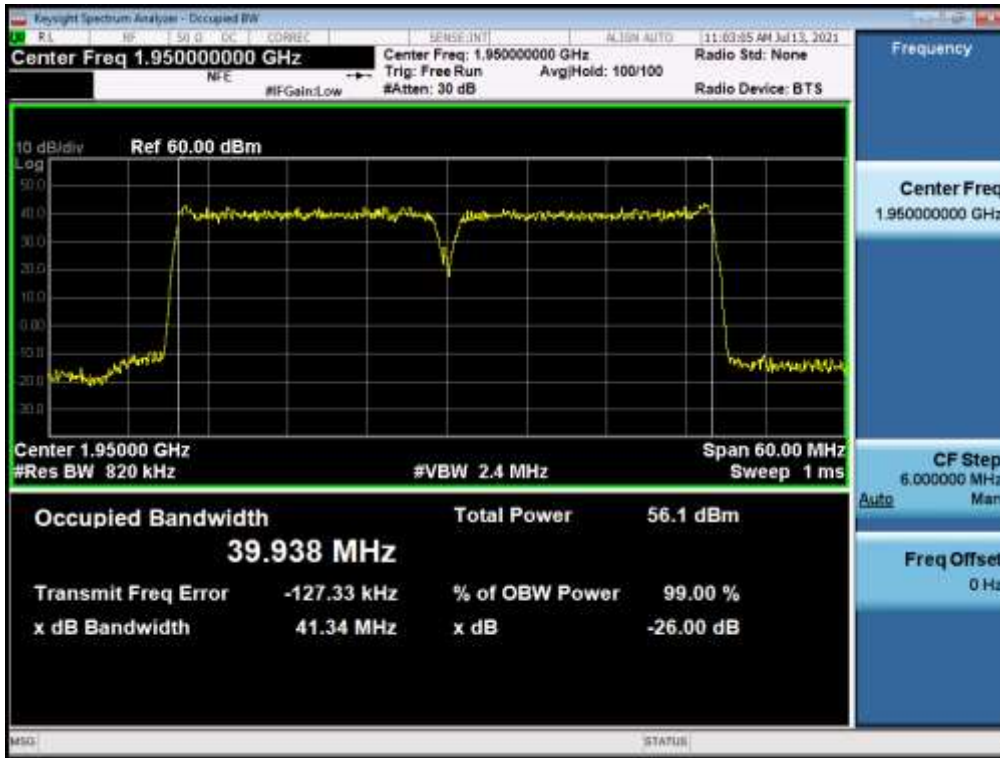
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



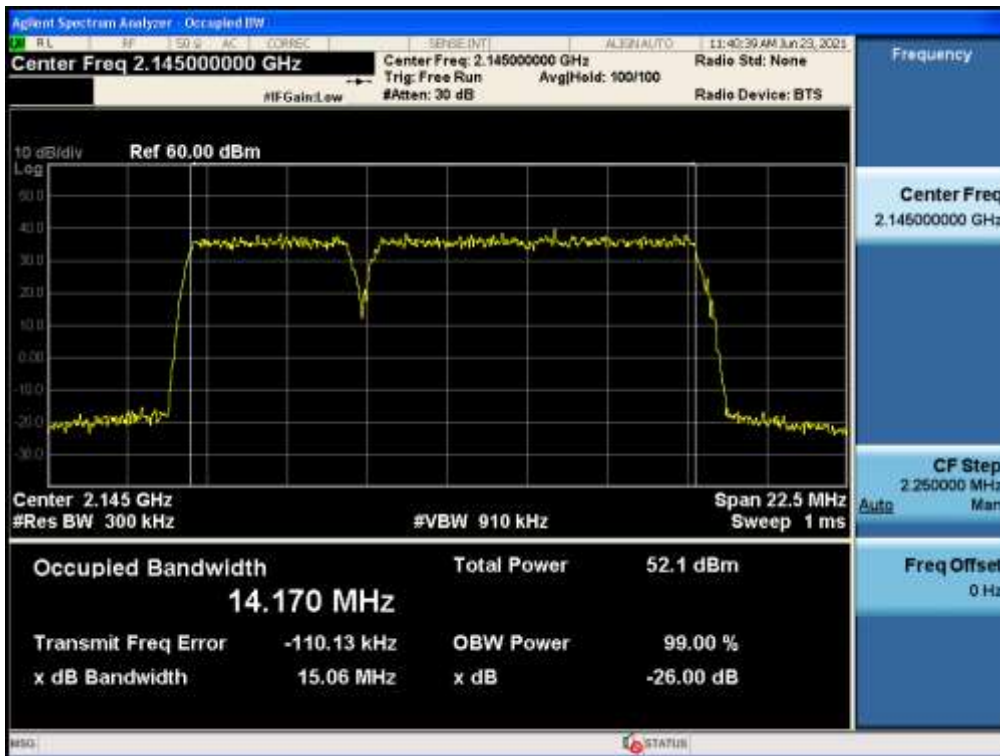
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



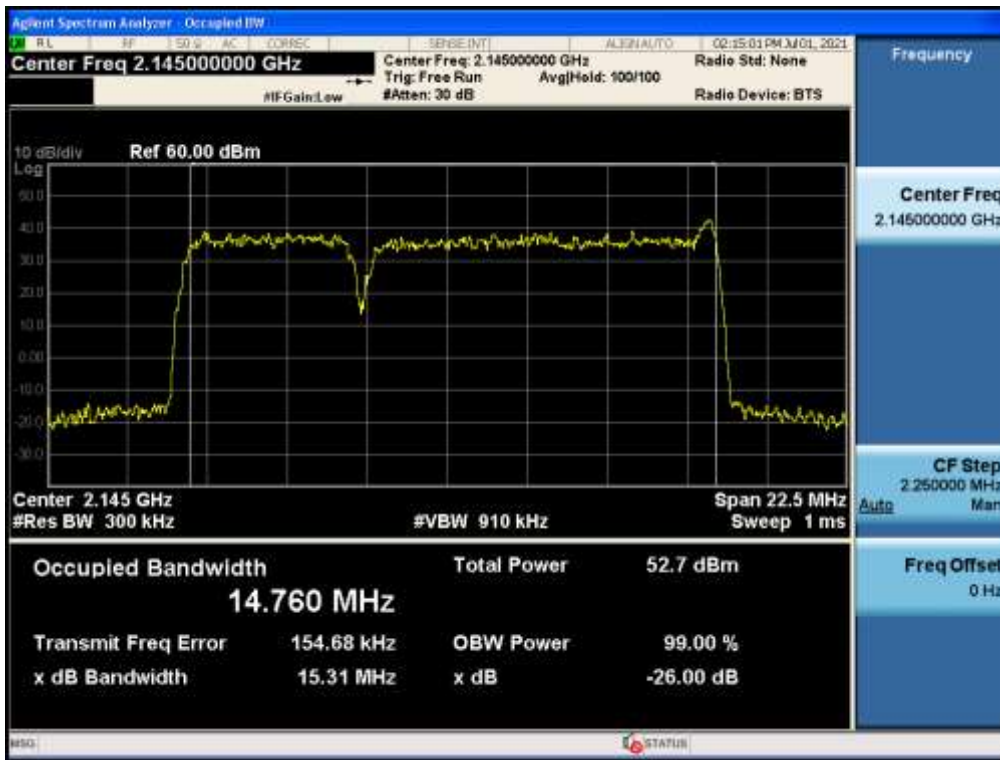
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



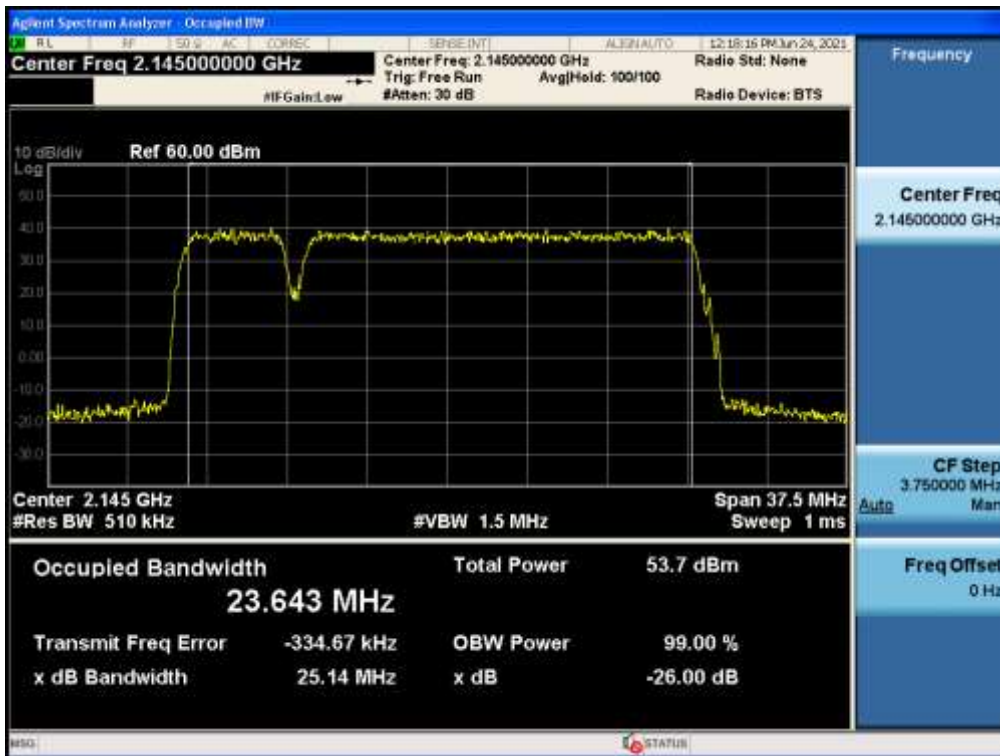
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle

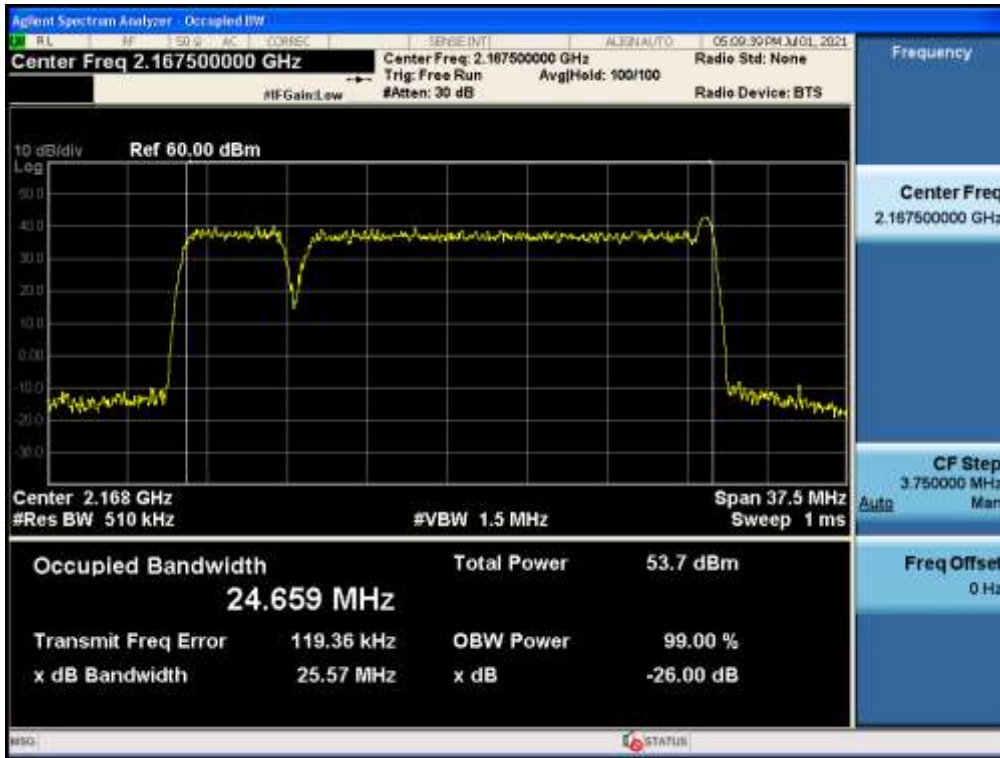
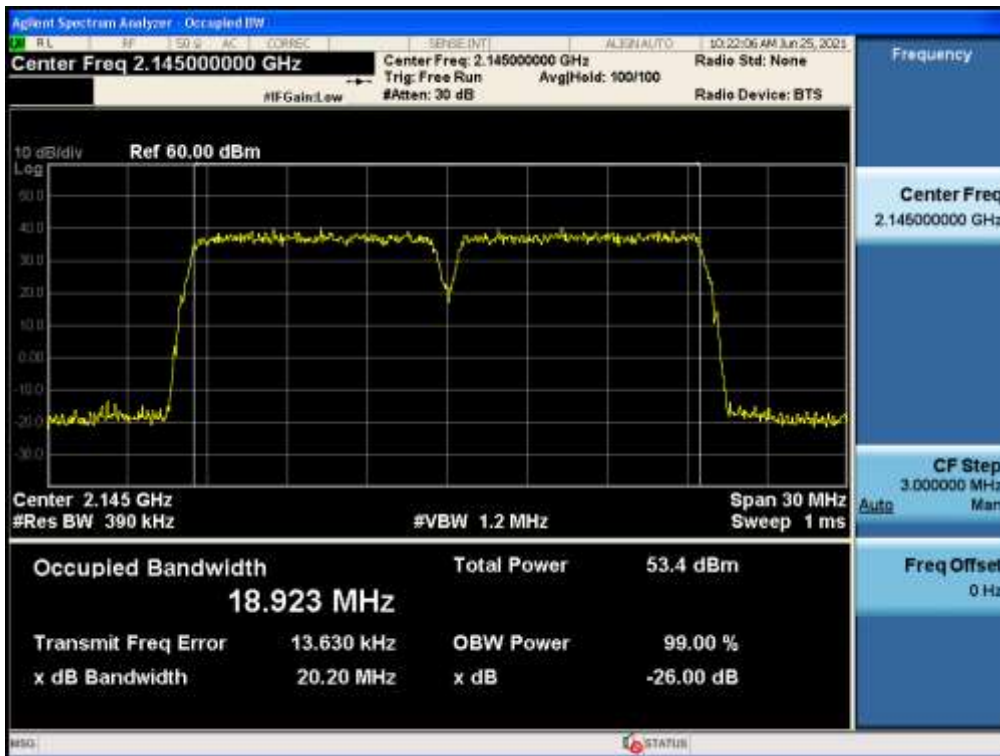


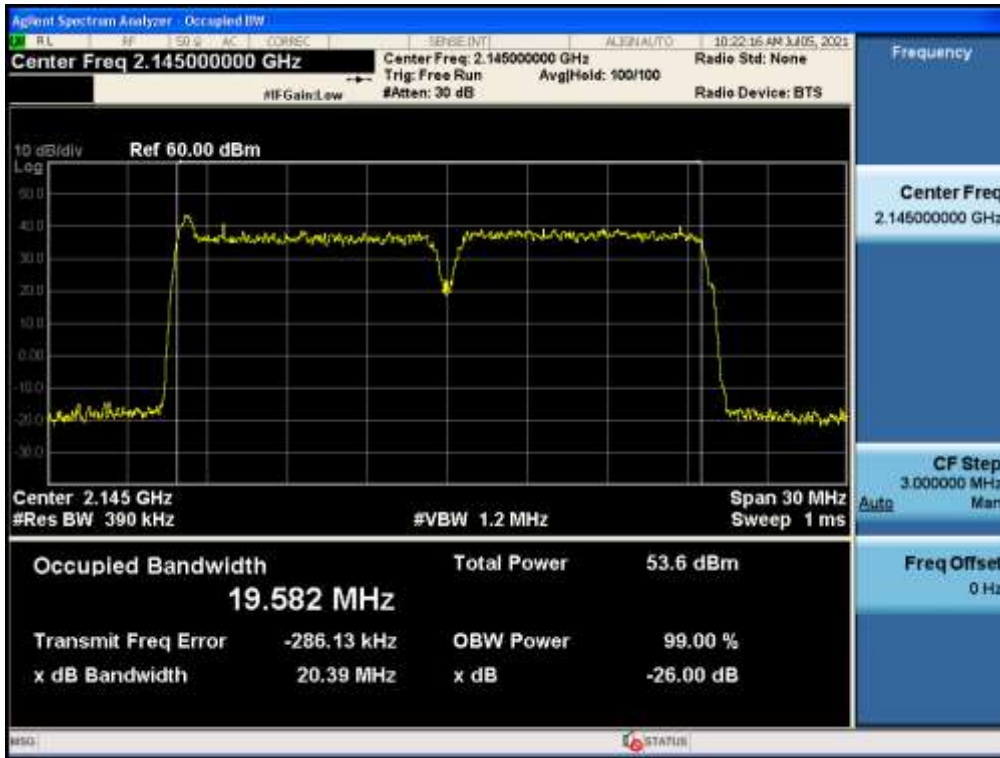
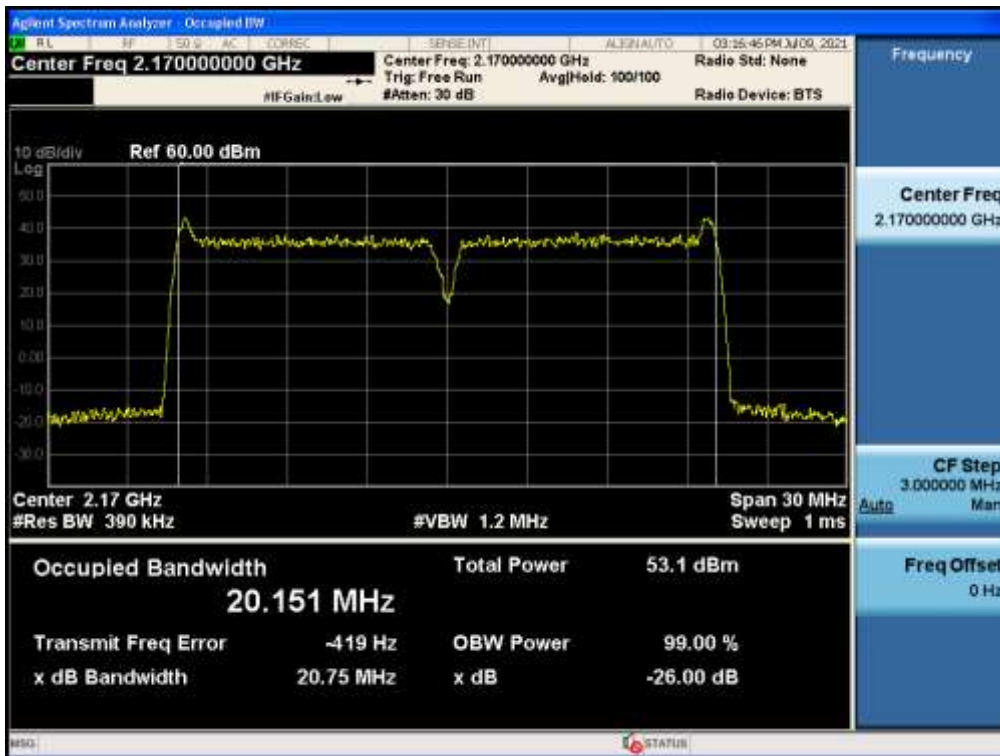
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



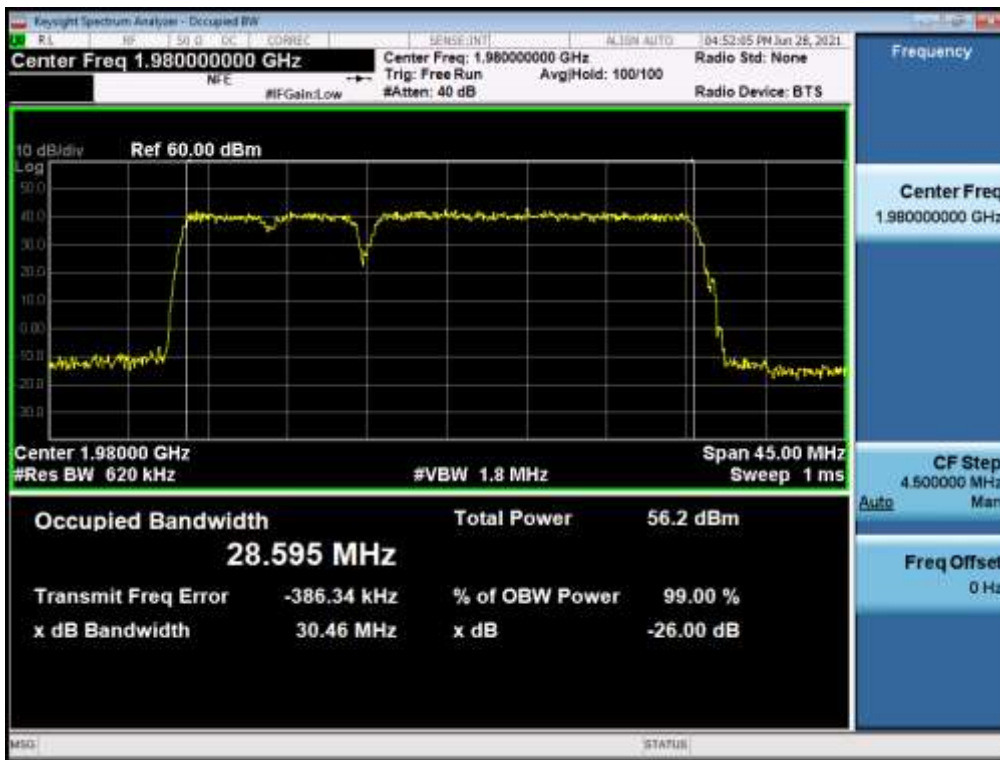
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Middle



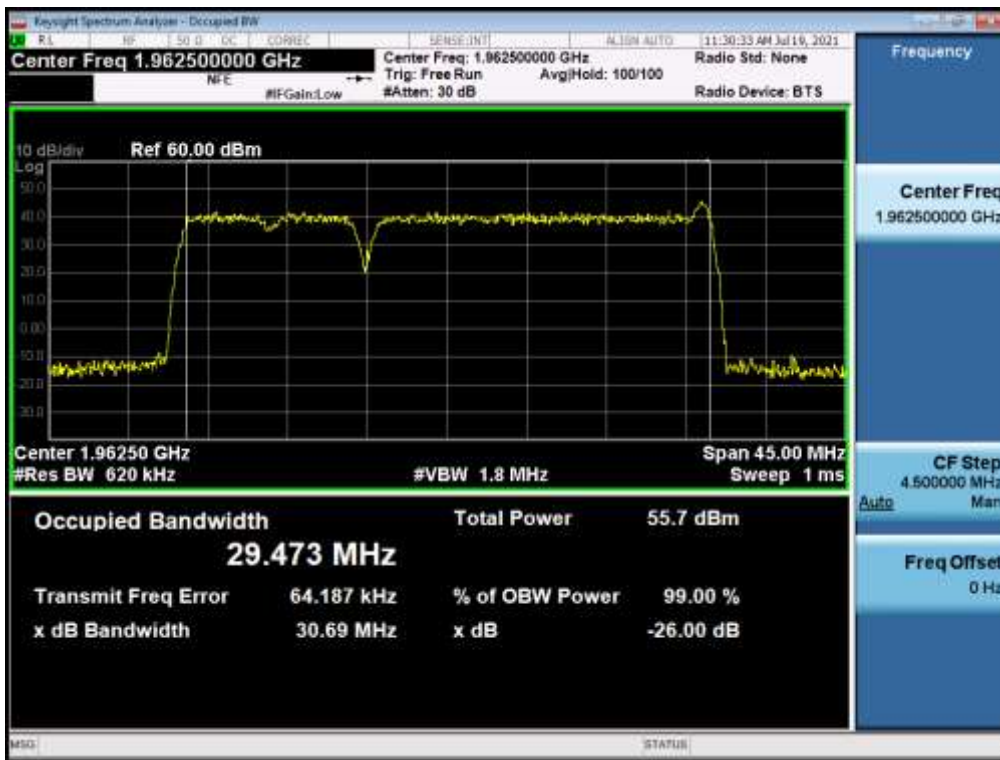
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / QPSK / High

Antenna 3 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle


Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Middle

Antenna 2 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / QPSK / High


Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / High



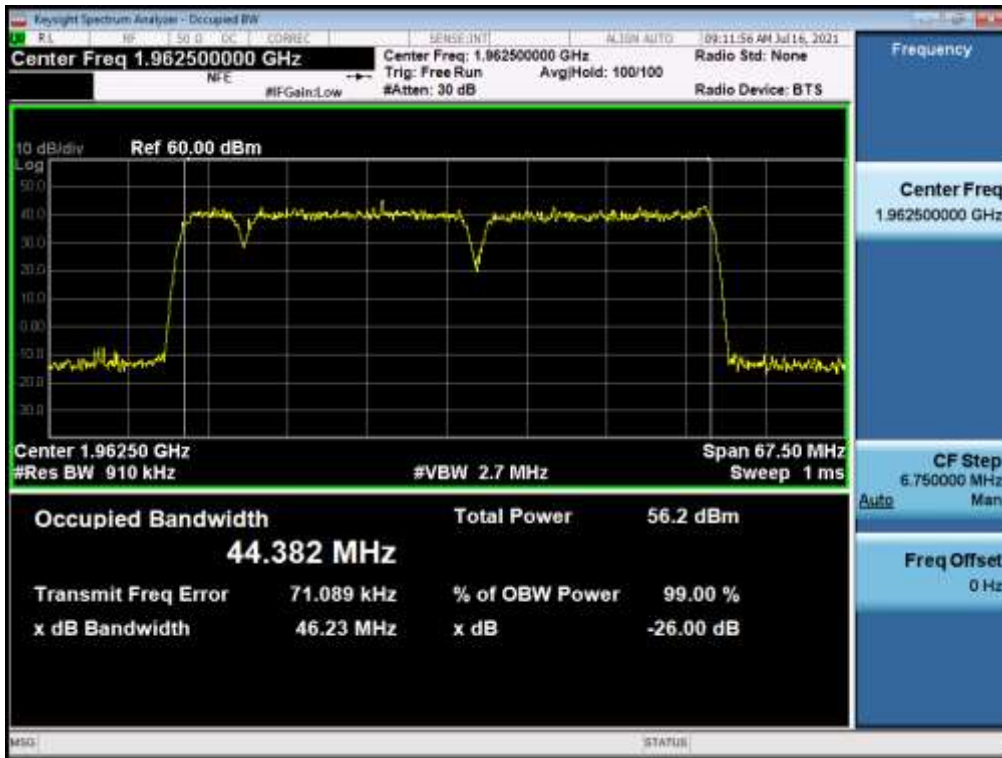
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] / Contiguous / QPSK / Middle



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 5 MHz / QPSK / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / QPSK / High



Antenna 1 / B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 10 MHz / 64QAM / Low



Antenna 1 / B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / 64QAM / High



Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 10 MHz & NB-IoT / 64QAM / Low



Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / 64QAM / High



Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 16QAM / Low



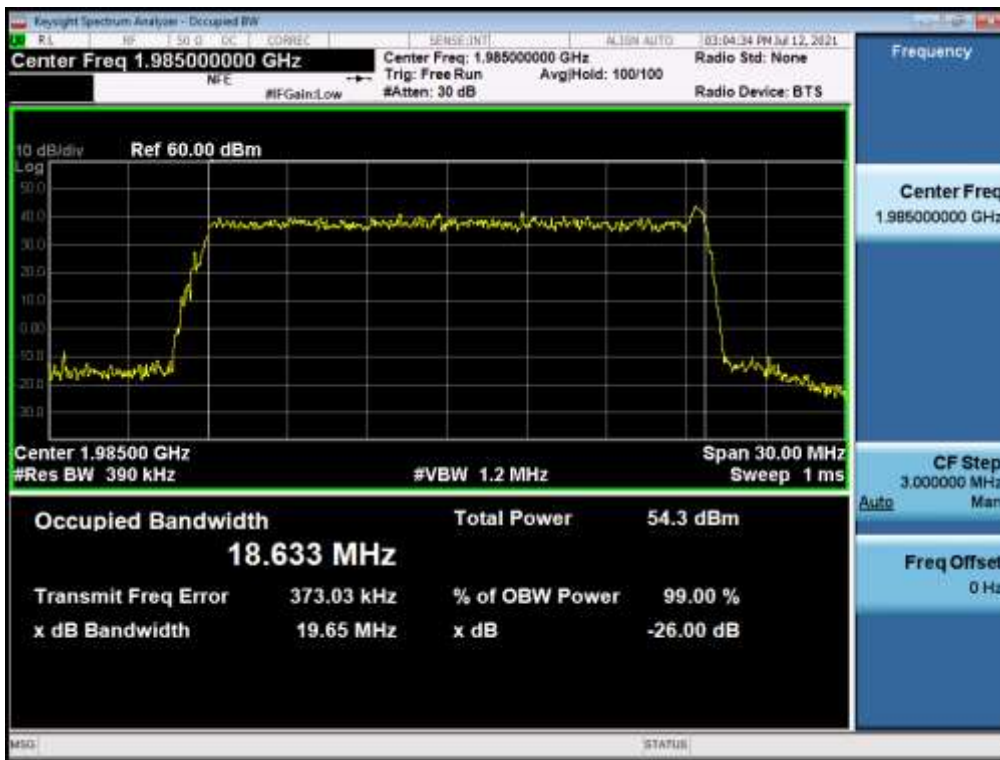
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Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 10 MHz & NB-IoT / 16QAM / Low



Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 16QAM / High



Antenna 1 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 15 MHz / 64QAM / Low



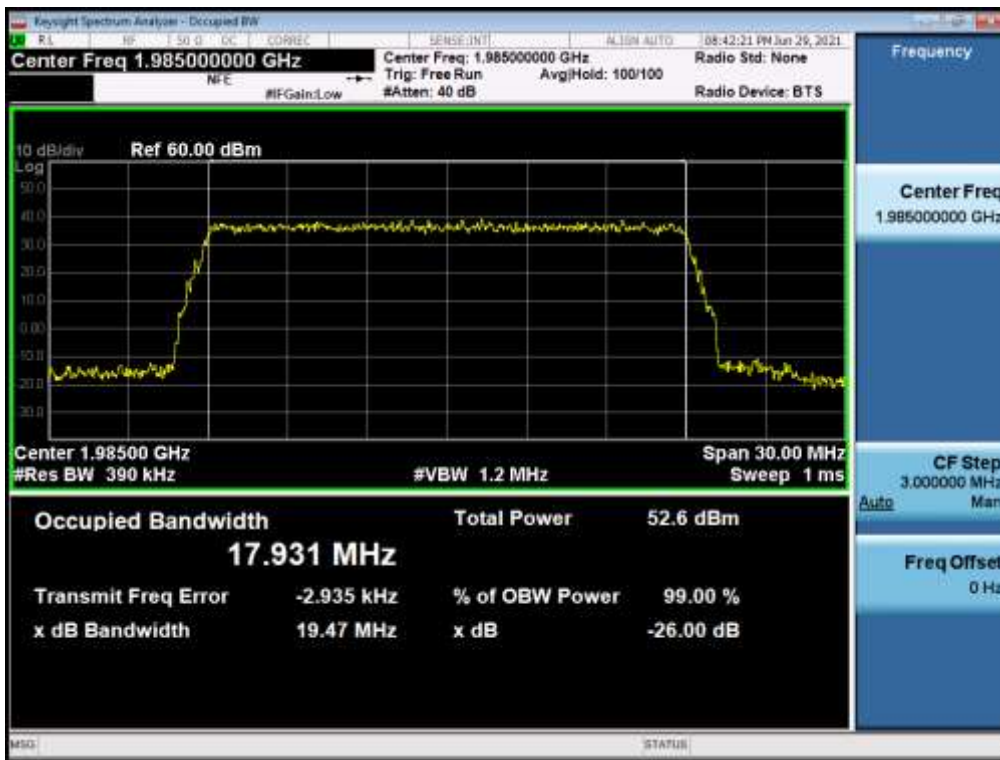
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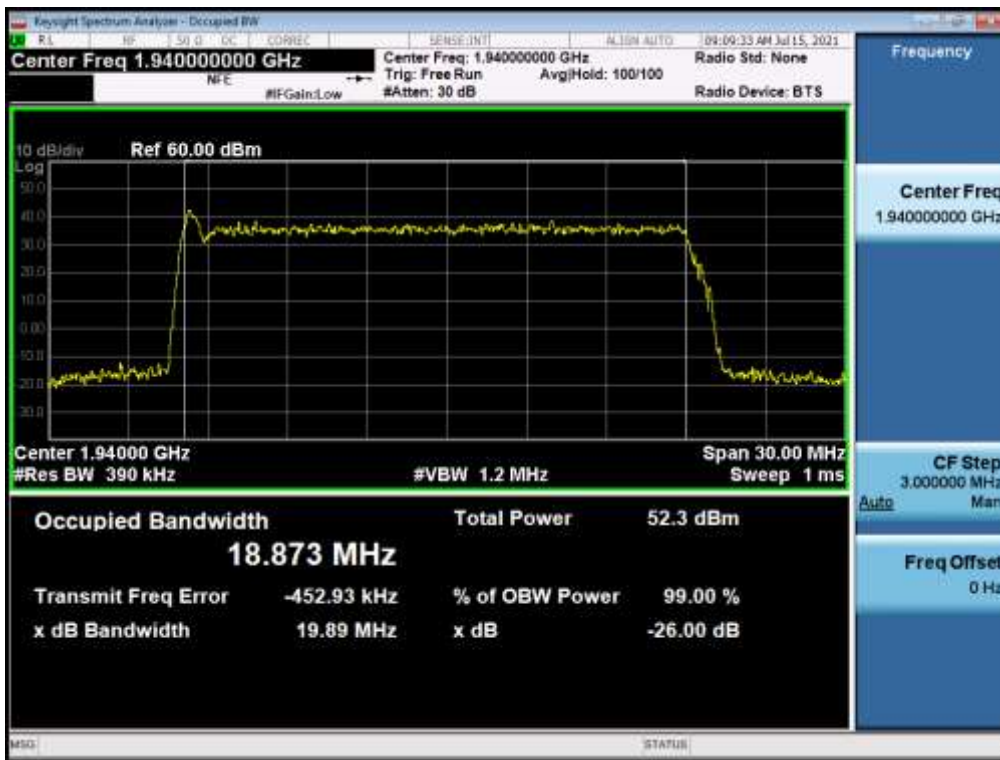
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / 64QAM / Low



Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / 64QAM / High



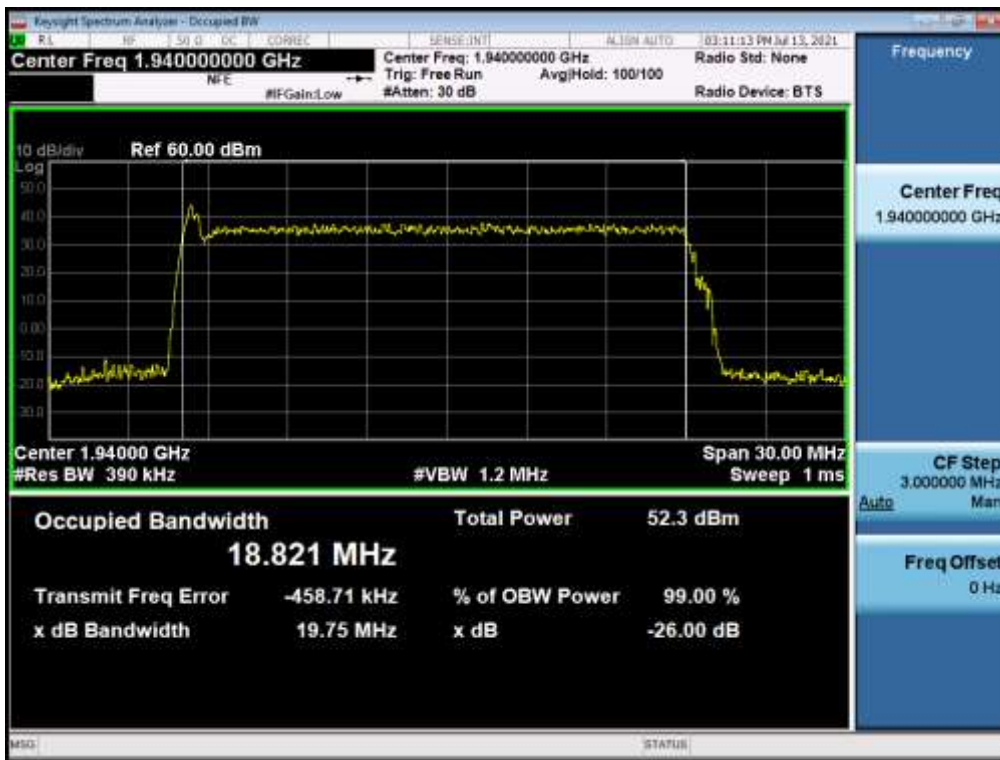
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / QPSK / Low



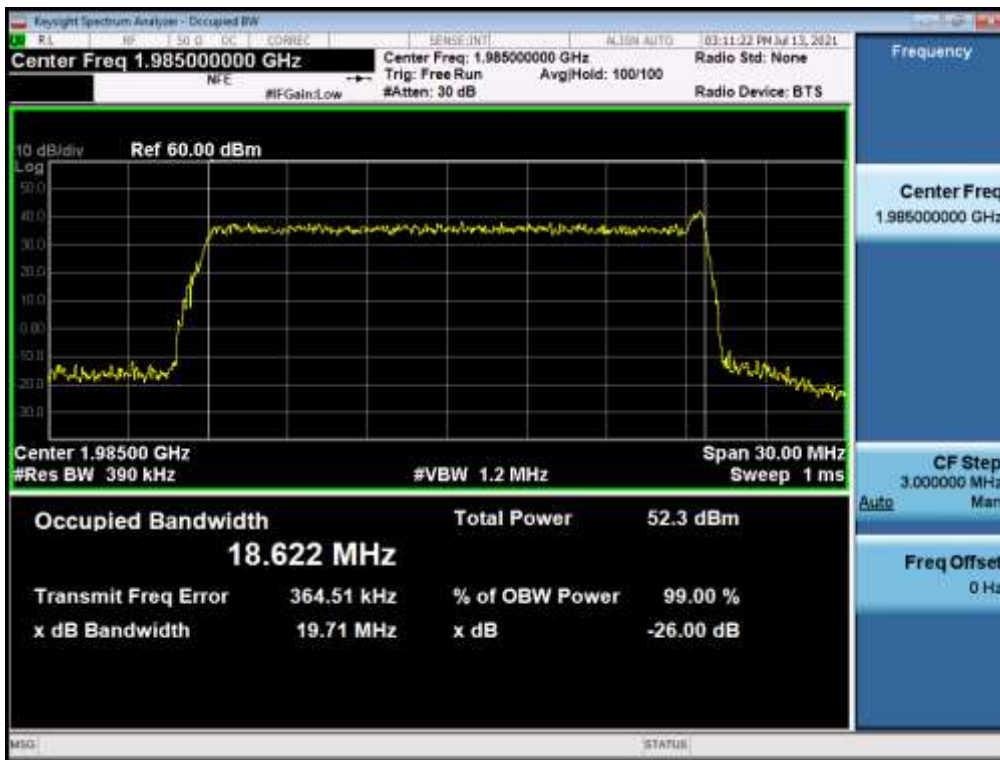
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz / QPSK / High

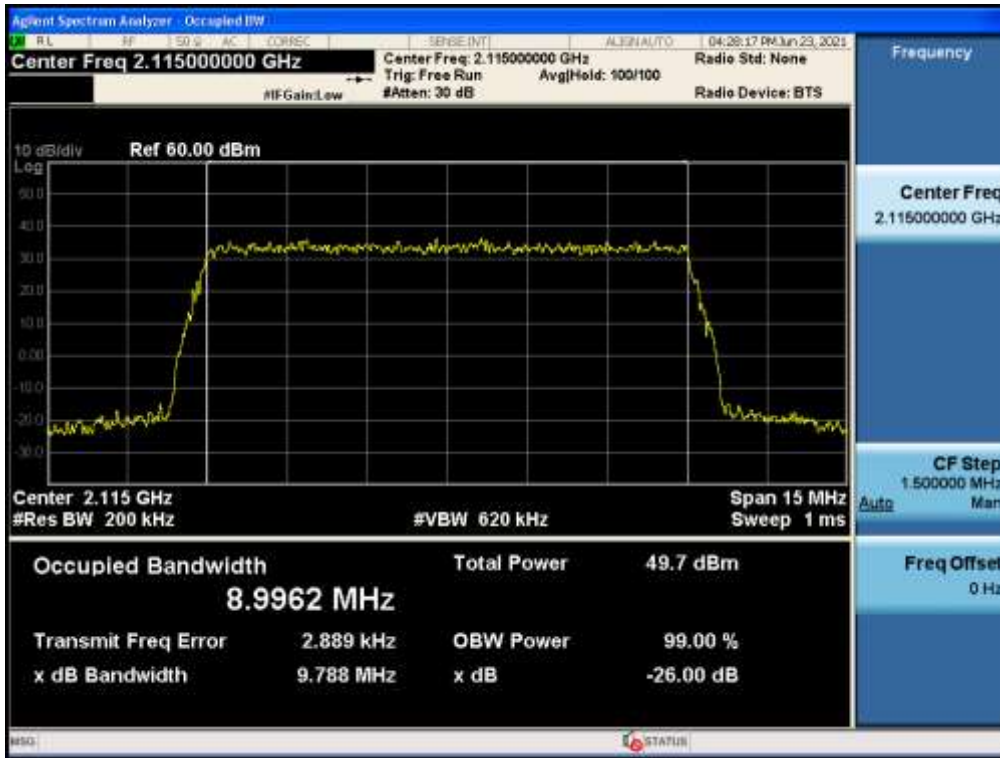
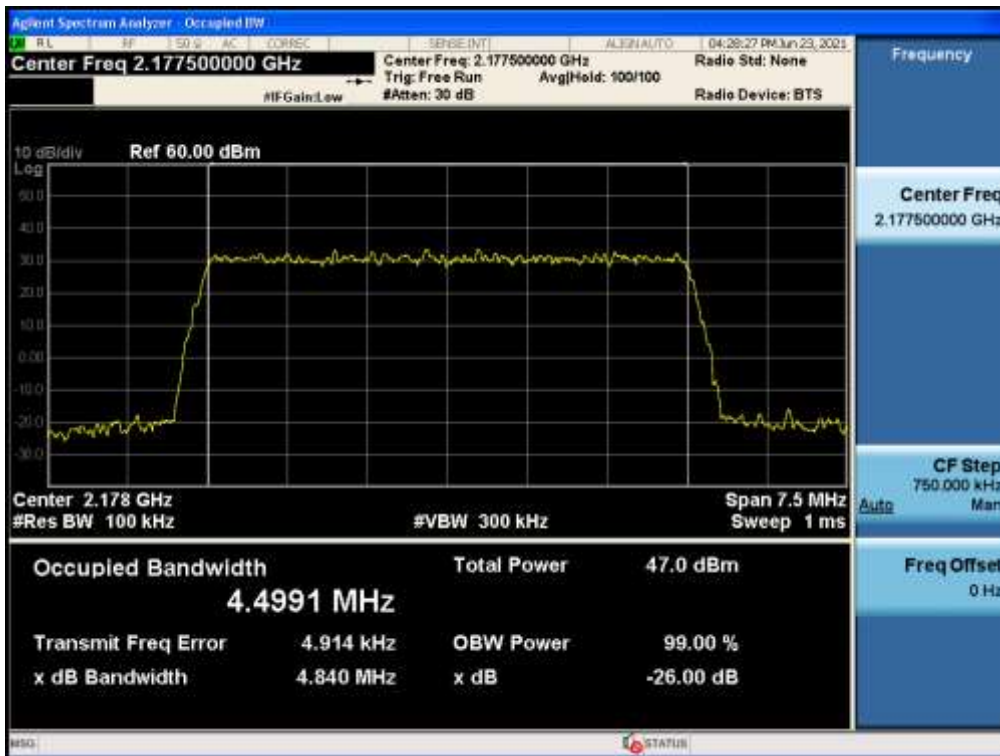


Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 64QAM / Low

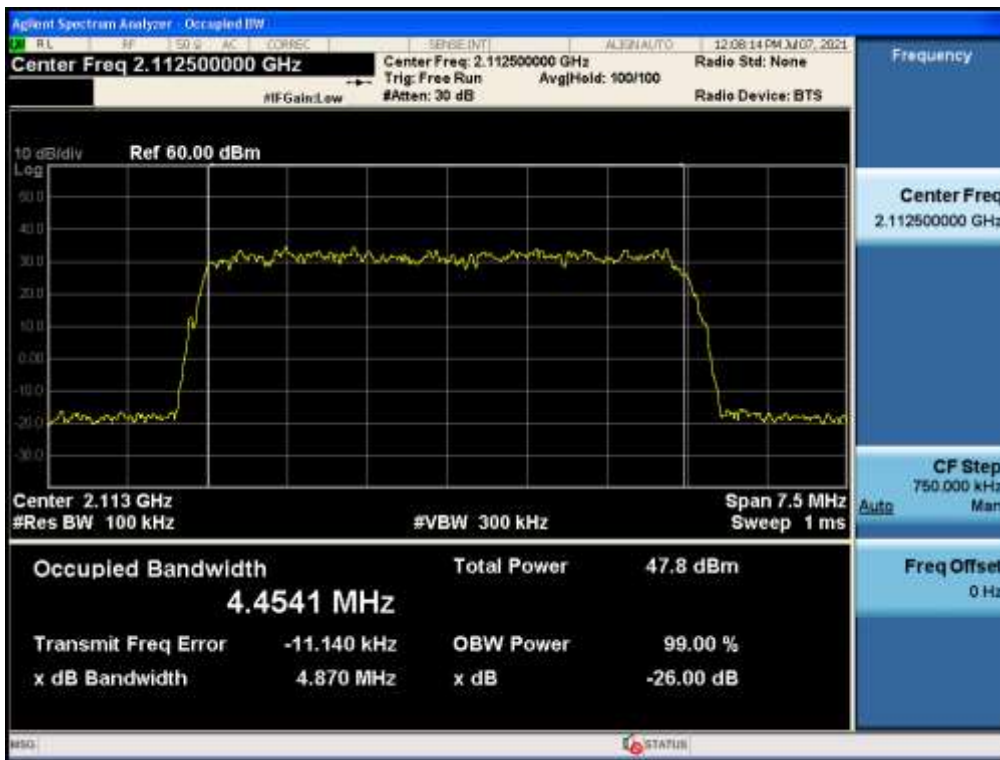


Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 64QAM / High

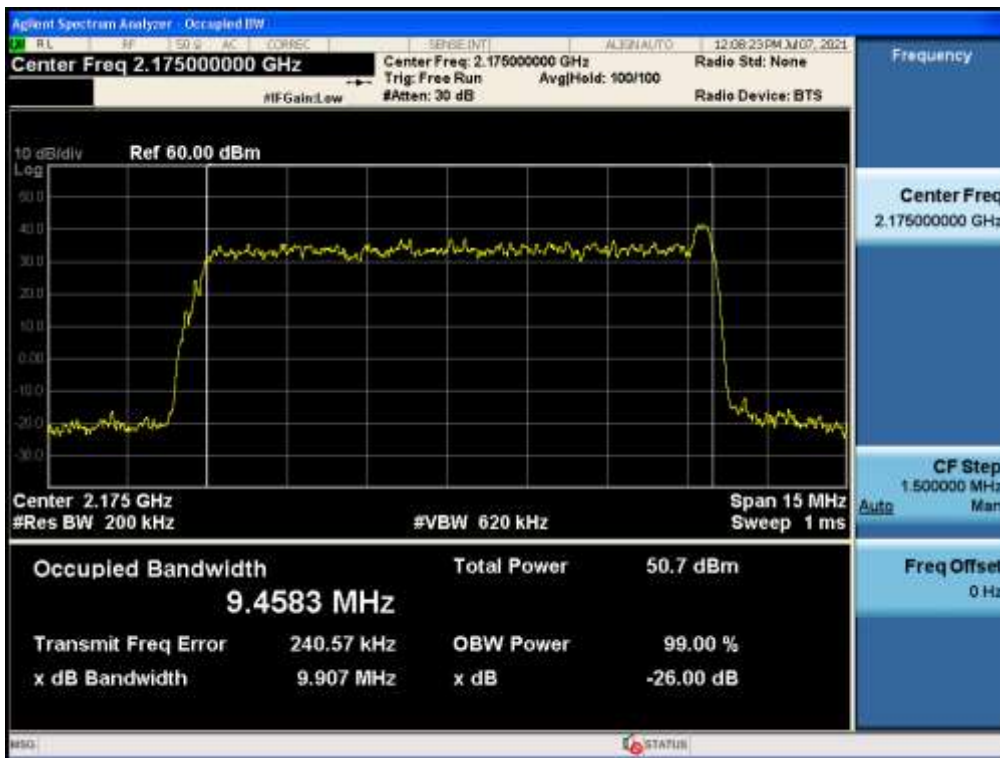


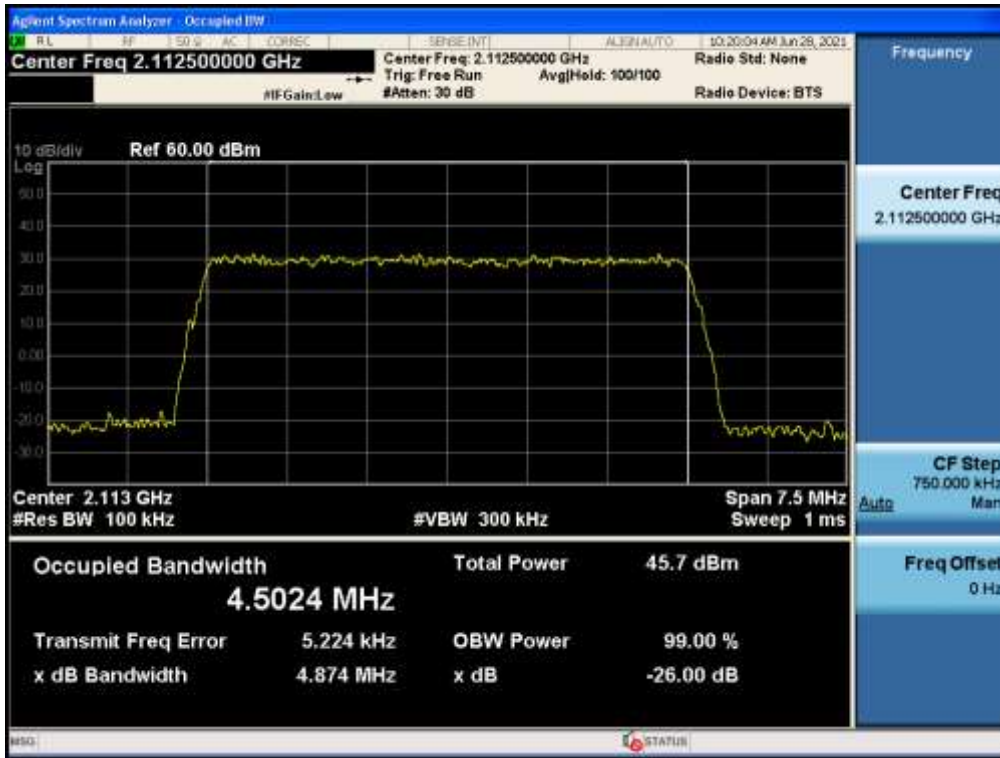
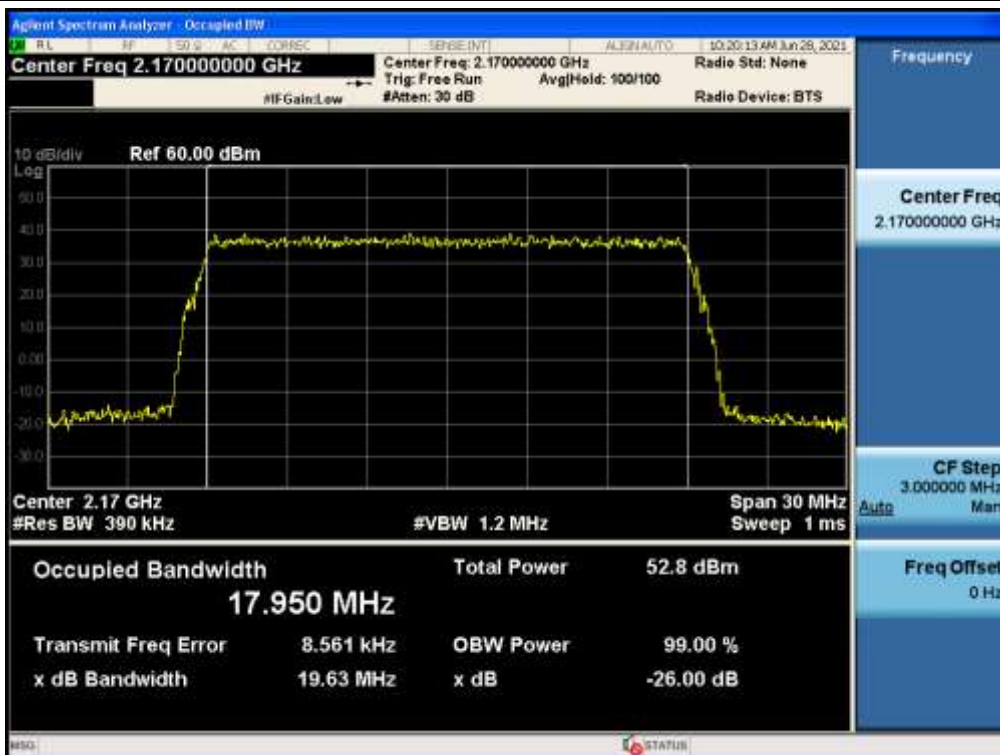
Antenna 1 / B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz / 64QAM / Low

Antenna 1 / B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 5 MHz / 64QAM / High


Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 5 MHz / 16QAM / Low

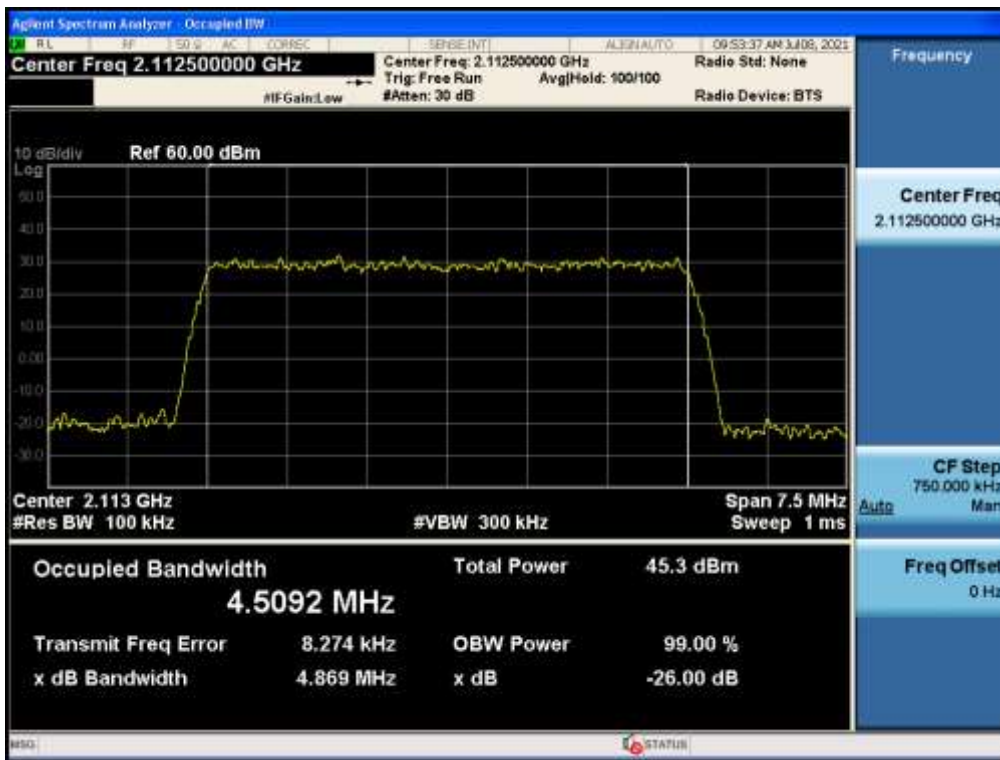


Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / B66 LTE 10 MHz & NB-IoT / High

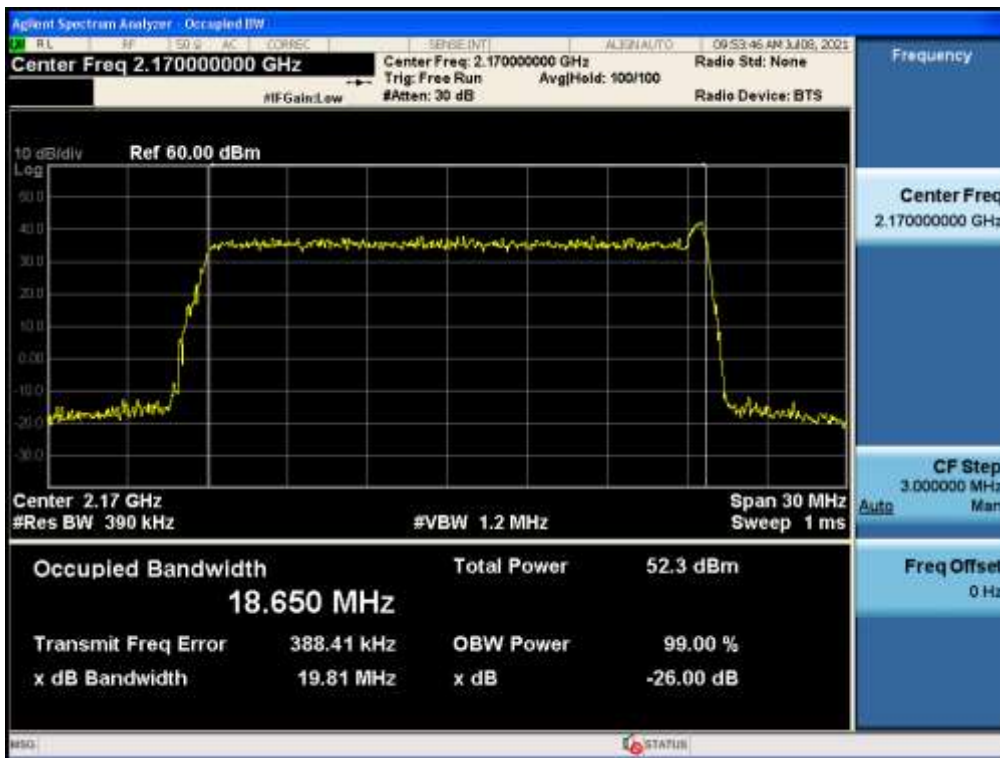


Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 5 MHz / 64QAM / Low

Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 20 MHz / 64QAM / High


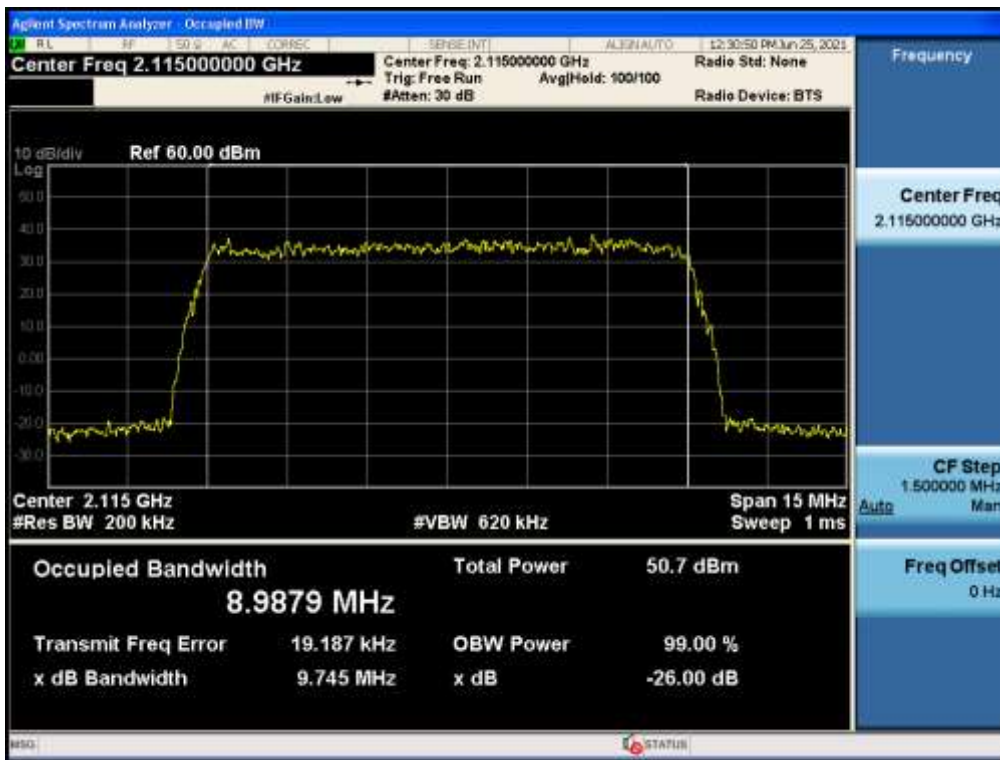
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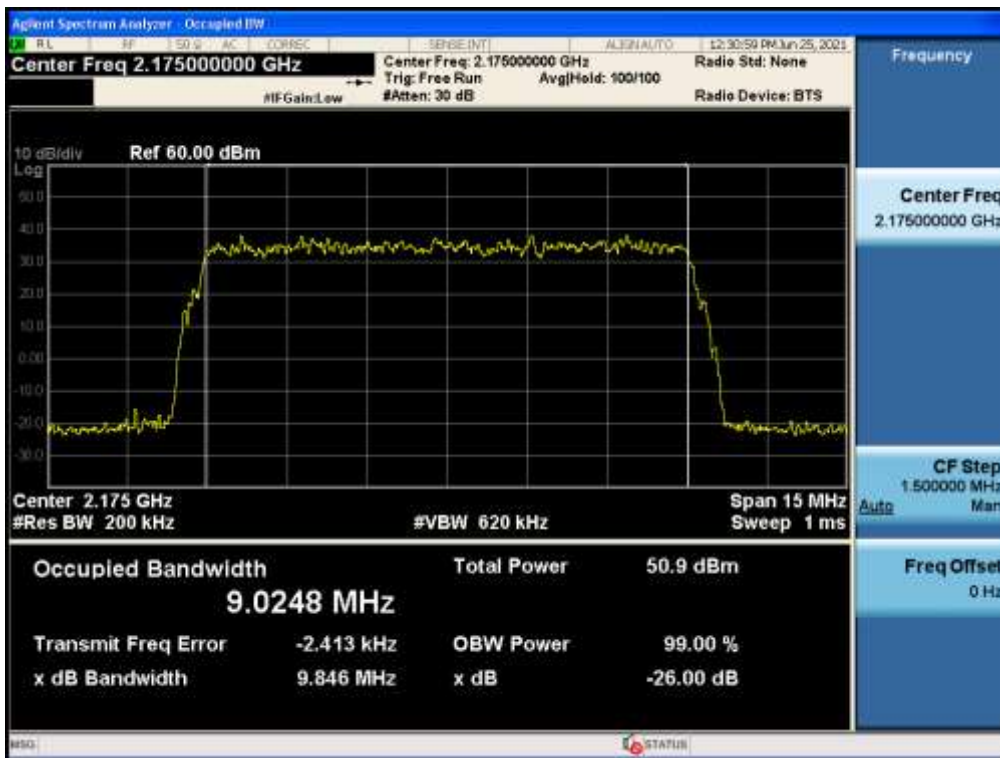
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 20 MHz & NB-IoT / 64QAM / High



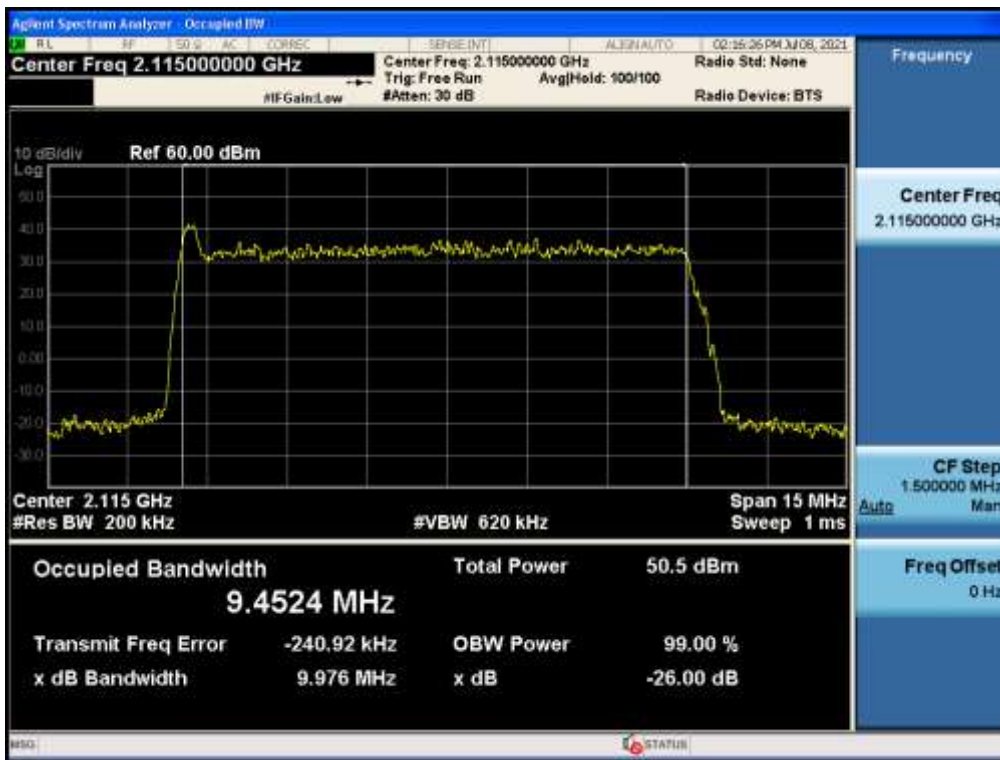
Antenna 3 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz / 16QAM / Low



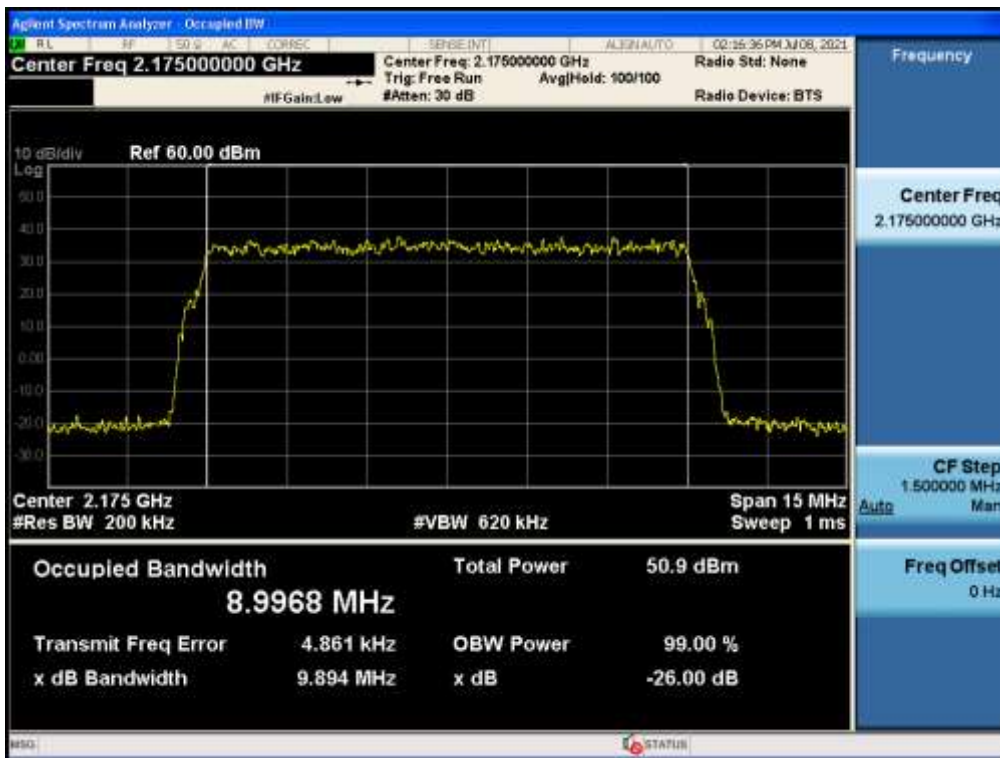
Antenna 3 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz / 16QAM / High

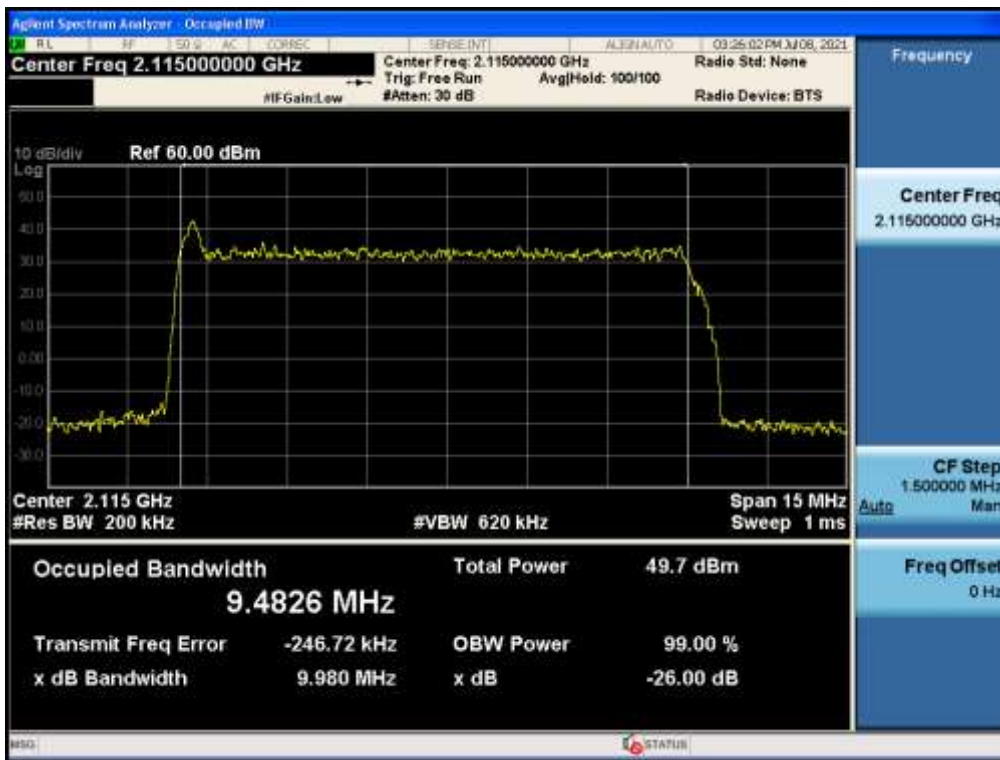
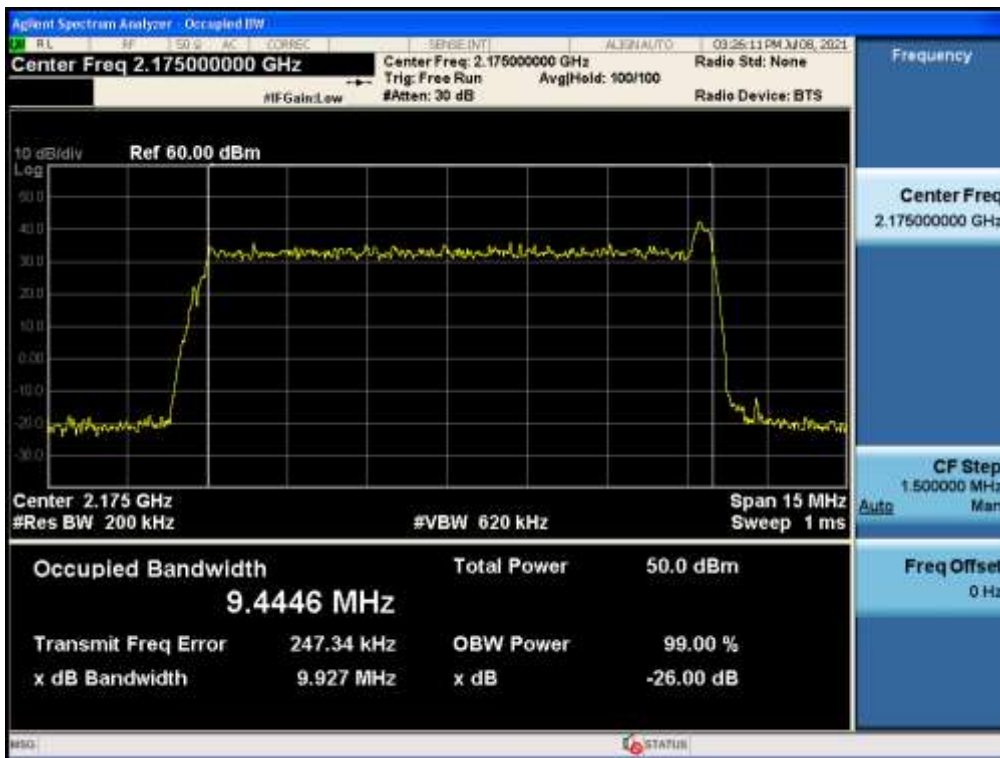


Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz & NB-IoT / 16QAM / Low



Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz / 16QAM / High



Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz & NB-IoT / 256QAM / Low

Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / B66 LTE 10 MHz & NB-IoT / 256QAM / High


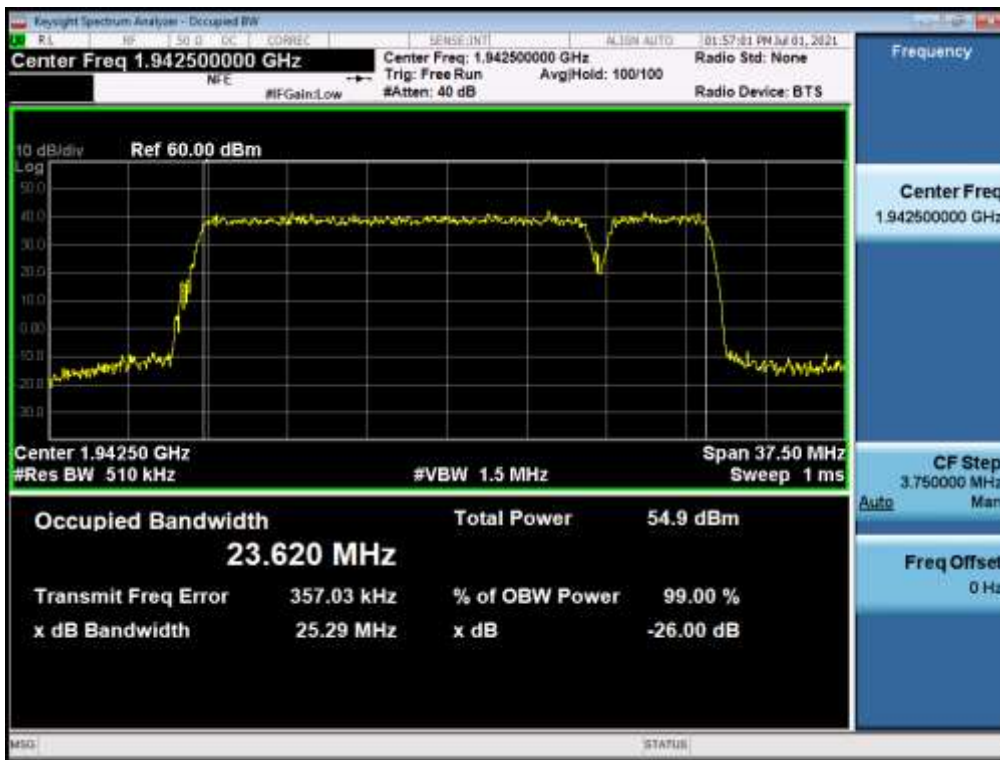
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz / 64QAM / Low



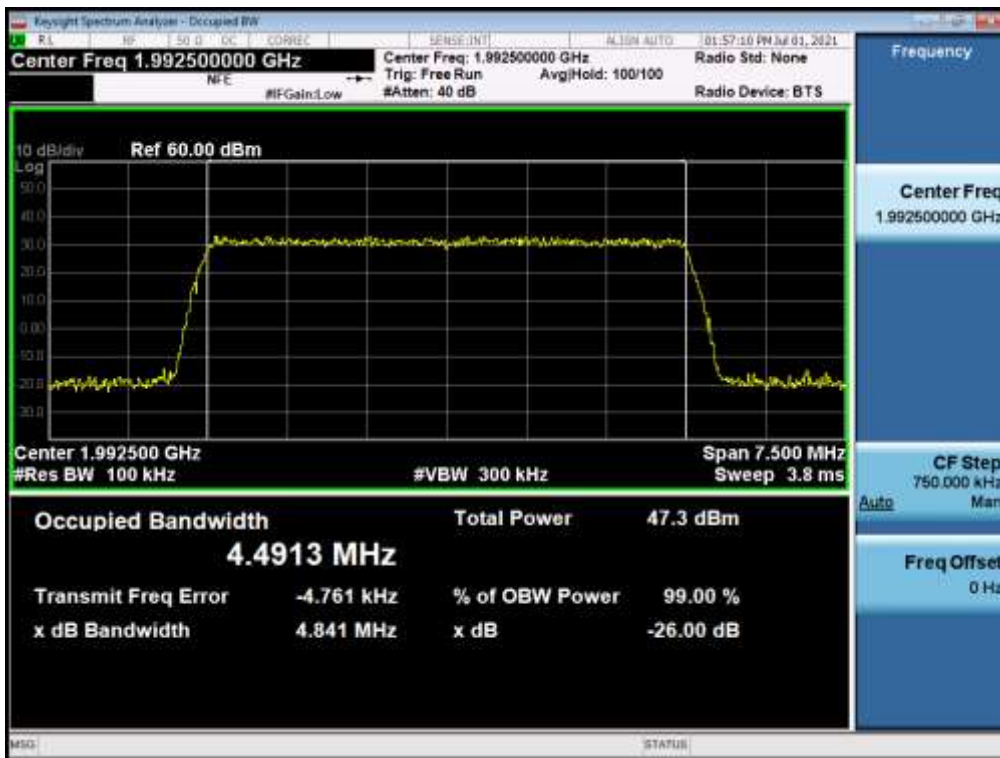
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz + B25 LTE 20 MHz / 64QAM / High



Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 20 MHz + B25 LTE 5 MHz / 256QAM / Low



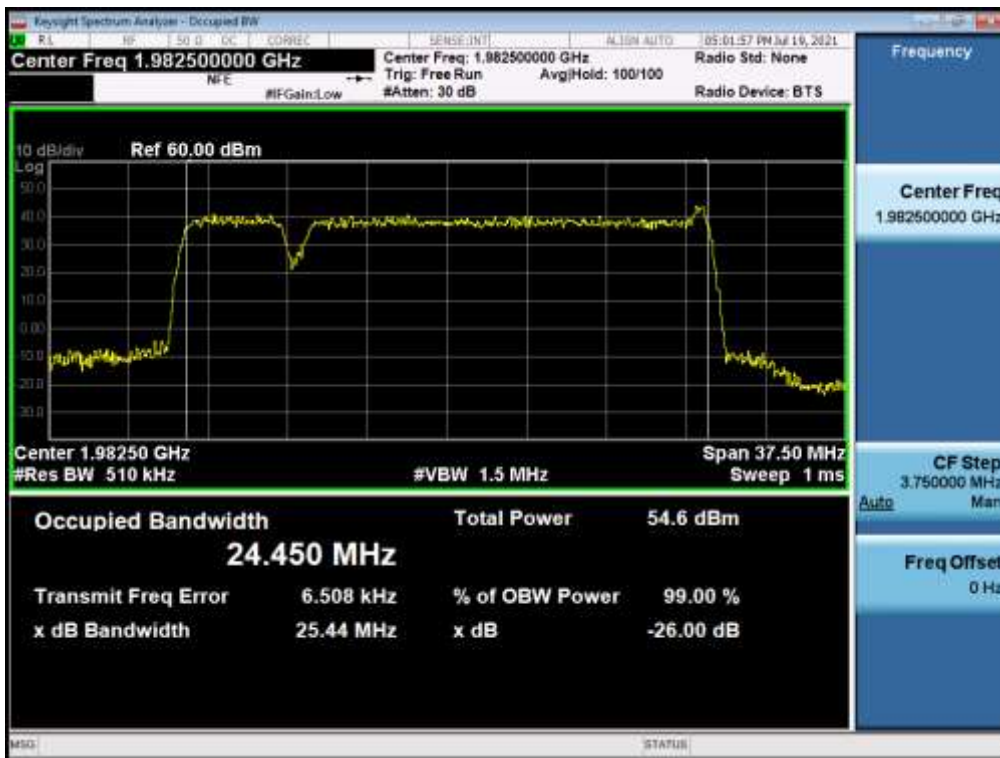
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 5 MHz / 256QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz / 256QAM / Low



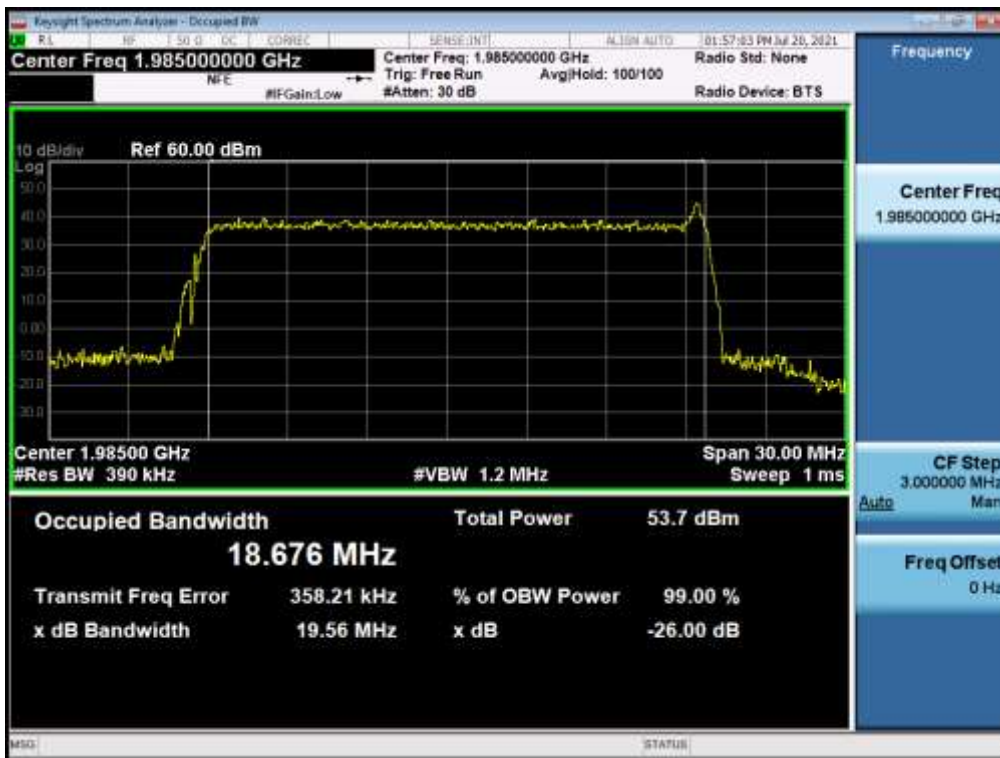
Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz + B25 LTE 20 MHz & NB-IoT / 256QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 5 MHz + B25 LTE 5 MHz / 256QAM / Low



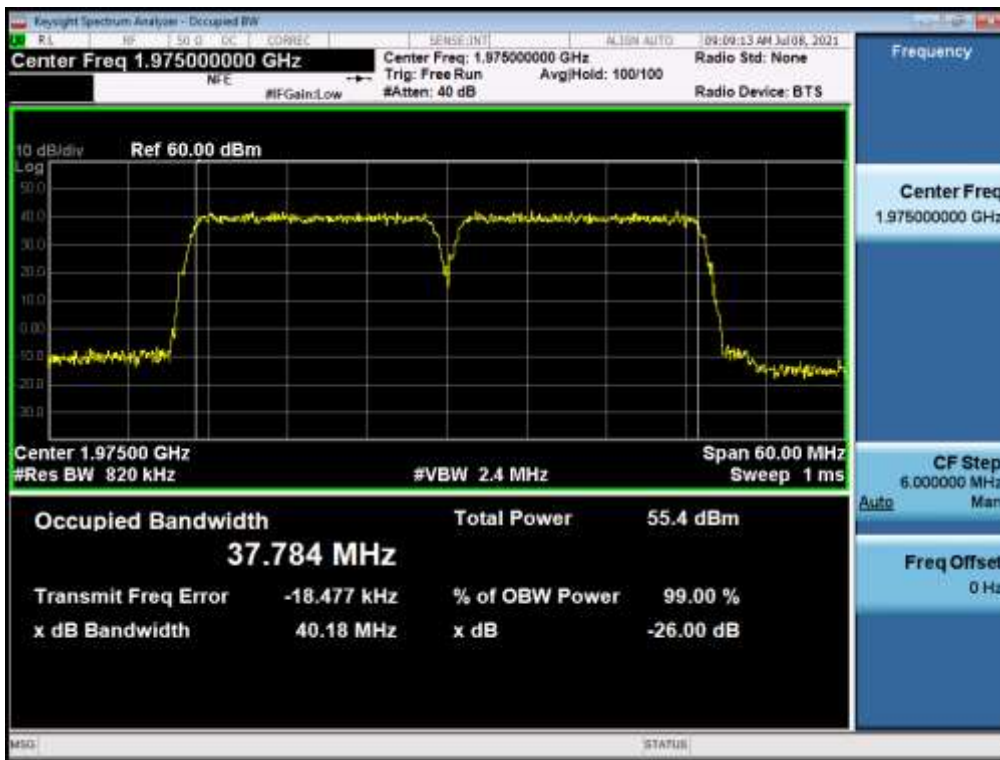
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 256QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz / 256QAM / Low



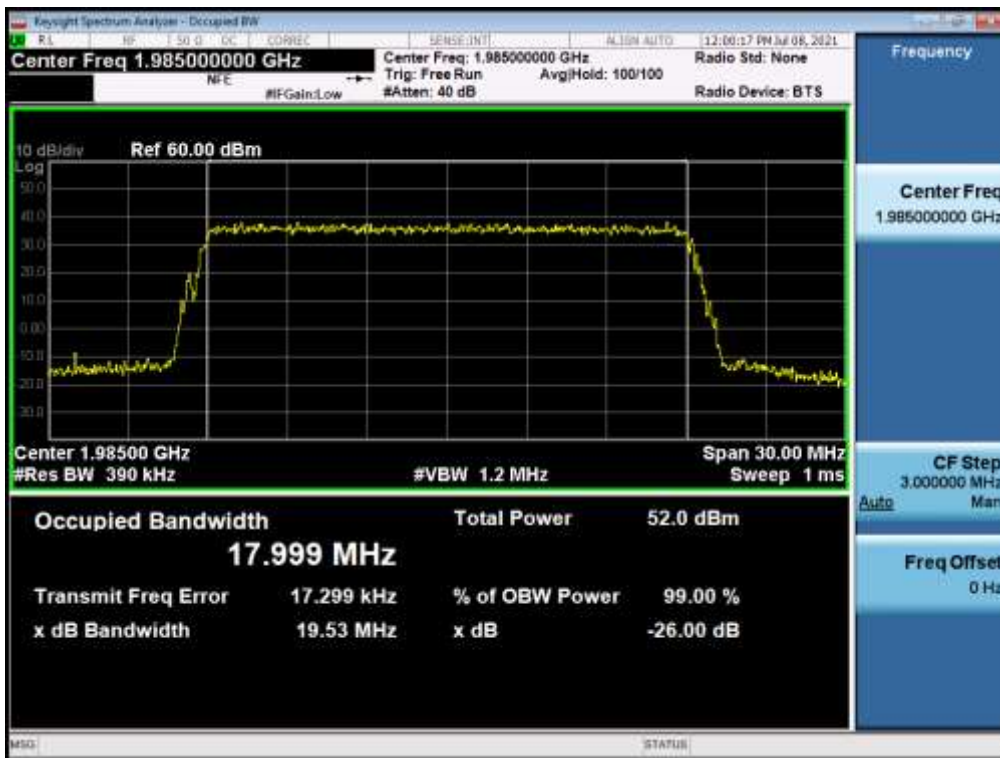
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 20 MHz + B25 LTE 20 MHz / 256QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 5 MHz + B25 LTE 20 MHz / 64QAM / Low



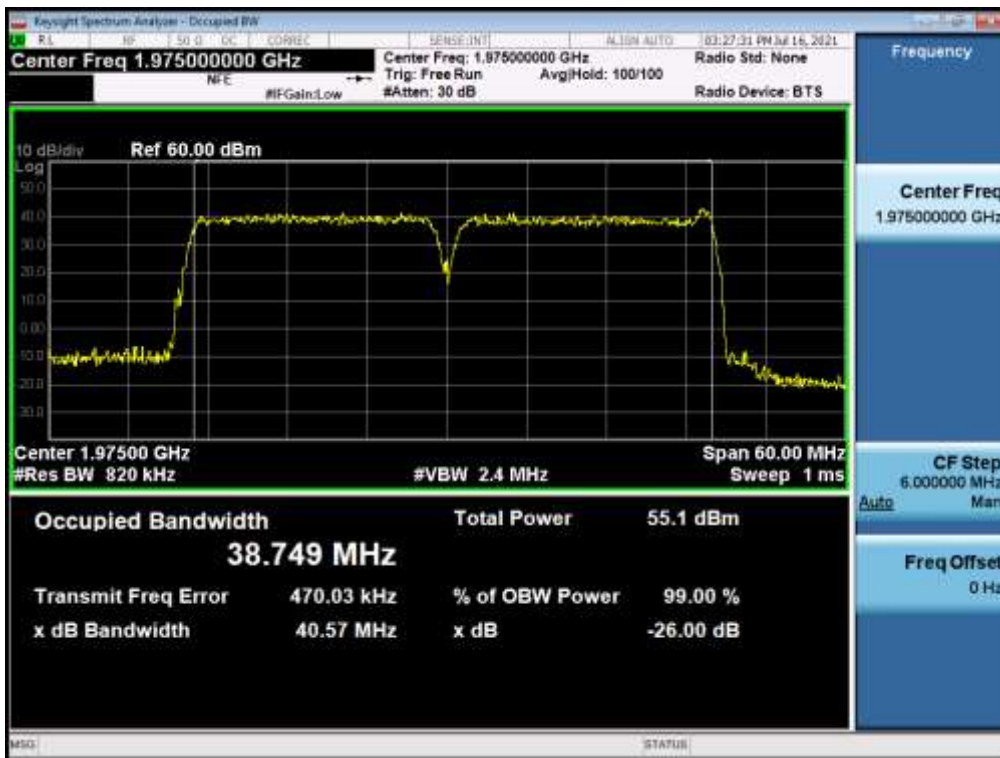
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 20 MHz / 64QAM / High



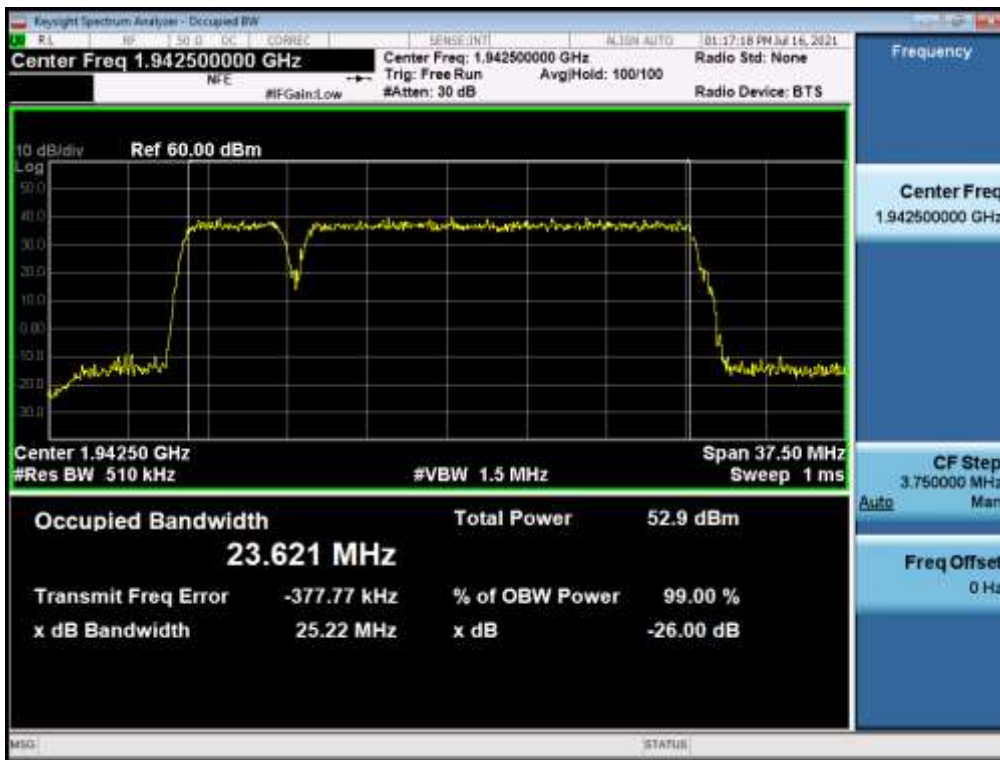
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 5 MHz / QPSK / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B25 LTE 20 MHz + B25 LTE 20 MHz & NB-IoT / QPSK / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 5 MHz + B25 LTE 20 MHz / 64QAM / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B25 LTE 20 MHz & NB-IoT / 64QAM / High



5.4. OUT-OF-BAND UNWANTED EMISSIONS

Test Requirements:

§ 2.1051 Measurements required: Spurious emissions at antenna terminals.

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

§ 24.238 Emission limitations for Broadband PCS equipment.

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

- (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.
- (b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- (c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.
- (d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than

§ 27.53 Emission limits.

(h) AWS emission limits

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.
- (3) Measurement procedure.
 - (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
 - (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.

- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

Test Procedures:

The measurement is performed in accordance with Section 5.7.3 of ANSI C63.26.

5.7.3 Out-of-band unwanted emissions measurements

- a) Set the spectrum analyzer center frequency to the block, band, or channel edge frequency.
- b) Set the span wide enough to capture the fundamental emission closest to the authorized block or band edge, and to include all modulation products that spill into the immediately adjacent frequency band. In some cases, it may be possible to set the center frequency and span so as to encompass the fundamental emission and the unwanted out-of-band (band-edge) emissions on either side of the authorized block, band, or channel. This can be accomplished with a single (slow) sweep, if adequate overload protection and sufficient dynamic range can be maintained.
- c) Set the number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
- d) Sweep time should be auto for peak detection. For rms detection the sweep time should be set as follows:
 - 1) If the device can be configured to transmit continuously (duty cycle $\geq 98\%$), set the (sweep time) $>$ (number of points in sweep) \times (symbol period) (e.g., by a factor of $10 \times \text{symbol period} \times \text{number of points}$). Increasing the sweep time (i.e., slowing the sweep speed) will allow for averaging over multiple symbols
 - 2) If the device cannot be configured to transmit continuously (duty cycle $< 98\%$) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time $>$ (number of points in sweep) \times (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by $[10 \log (1/\text{duty cycle})]$. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation $\leq \pm 2\%$).
 - 3) If the device cannot be configured to transmit continuously (duty cycle $< 98\%$) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time $>$ (number of points in sweep) \times (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by $[10 \log (1/\text{duty cycle})]$. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation $\leq \pm 2\%$).
 - 4) If the device cannot be configured to transmit continuously and a free-running sweep must be used, and if the transmissions exhibit a non-constant duty cycle (duty cycle variations $> \pm 2\%$), set the sweep time so that the averaging is performed over the on-period by setting the sweep time $>$ (symbol period) \times (number of points), while also maintaining the sweep time $<$ (transmitter on-time). The trace mode shall be set to max hold, since not every display point will be averaged only over just the on-time. Thus, multiple sweeps (e.g., 100) in maximum hold are necessary to ensure that the maximum power is measured.
- e) The test report shall include the plots of the measuring instrument display and the measured data.
- f) See Annex I for example emission mask plots.

Note:

1. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.
 - 4Tx MIMO correction: $10 \log(N_{\text{ANT}}) = 10 \log(4) = 6.02 \text{ dB} // -13 \text{ dBm} - 10 \log(4) = -19.02 \text{ dBm}$
2. The results of the Out-of-band Unwanted Emissions test shown above the frequency measured values are very small and similar trend for each port, so we are attached only the worst case plot.

Test Results:
Tabular Data of Out-of-band Unwanted Emissions
B25 LTE 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.04
		High	1995.00	-23.79
	16QAM	Low	1930.00	-25.93
		High	1995.00	-25.03
	64QAM	Low	1930.00	-26.34
		High	1995.00	-23.24
	256QAM	Low	1930.00	-27.74
		High	1995.00	-22.58
1	QPSK	Low	1930.00	-27.71
		High	1995.00	-23.79
	16QAM	Low	1930.00	-28.40
		High	1995.00	-25.18
	64QAM	Low	1930.00	-27.30
		High	1995.00	-24.15
	256QAM	Low	1930.00	-25.55
		High	1995.00	-24.80
2	QPSK	Low	1930.00	-24.71
		High	1995.00	-25.38
	16QAM	Low	1930.00	-26.08
		High	1995.00	-25.77
	64QAM	Low	1930.00	-25.81
		High	1995.00	-25.53
	256QAM	Low	1930.00	-25.46
		High	1995.00	-26.38
3	QPSK	Low	1930.00	-26.38
		High	1995.00	-23.26
	16QAM	Low	1930.00	-26.93
		High	1995.00	-26.27
	64QAM	Low	1930.00	-27.70
		High	1995.00	-23.78
	256QAM	Low	1930.00	-27.32
		High	1995.00	-24.16

B25 LTE 10 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-21.06
		High	1995.00	-20.80
	16QAM	Low	1930.00	-21.97
		High	1995.00	-20.41
	64QAM	Low	1930.00	-21.26
		High	1995.00	-20.71
	256QAM	Low	1930.00	-21.11
		High	1995.00	-20.05
1	QPSK	Low	1930.00	-21.06
		High	1995.00	-19.92
	16QAM	Low	1930.00	-22.86
		High	1995.00	-20.51
	64QAM	Low	1930.00	-20.04
		High	1995.00	-21.67
	256QAM	Low	1930.00	-22.36
		High	1995.00	-19.92
2	QPSK	Low	1930.00	-22.75
		High	1995.00	-20.79
	16QAM	Low	1930.00	-20.32
		High	1995.00	-21.70
	64QAM	Low	1930.00	-21.63
		High	1995.00	-21.27
	256QAM	Low	1930.00	-20.44
		High	1995.00	-21.16
3	QPSK	Low	1930.00	-21.78
		High	1995.00	-21.59
	16QAM	Low	1930.00	-20.90
		High	1995.00	-20.98
	64QAM	Low	1930.00	-22.42
		High	1995.00	-21.23
	256QAM	Low	1930.00	-21.96
		High	1995.00	-20.09

B25 LTE 15 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-20.38
		High	1995.00	-20.23
	16QAM	Low	1930.00	-20.49
		High	1995.00	-20.96
	64QAM	Low	1930.00	-20.83
		High	1995.00	-21.86
	256QAM	Low	1930.00	-22.34
		High	1995.00	-21.85
1	QPSK	Low	1930.00	-21.21
		High	1995.00	-21.21
	16QAM	Low	1930.00	-20.96
		High	1995.00	-21.56
	64QAM	Low	1930.00	-20.41
		High	1995.00	-20.27
	256QAM	Low	1930.00	-22.29
		High	1995.00	-21.34
2	QPSK	Low	1930.00	-20.49
		High	1995.00	-20.14
	16QAM	Low	1930.00	-23.94
		High	1995.00	-20.37
	64QAM	Low	1930.00	-22.40
		High	1995.00	-21.85
	256QAM	Low	1930.00	-21.45
		High	1995.00	-20.95
3	QPSK	Low	1930.00	-20.98
		High	1995.00	-20.27
	16QAM	Low	1930.00	-22.39
		High	1995.00	-21.88
	64QAM	Low	1930.00	-21.46
		High	1995.00	-20.00
	256QAM	Low	1930.00	-20.90
		High	1995.00	-21.05

B25 LTE 20 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-20.75
		High	1995.00	-20.03
	16QAM	Low	1930.00	-21.21
		High	1995.00	-20.62
	64QAM	Low	1930.00	-21.79
		High	1995.00	-20.53
	256QAM	Low	1930.00	-20.18
		High	1995.00	-20.26
1	QPSK	Low	1930.00	-23.08
		High	1995.00	-20.61
	16QAM	Low	1930.00	-20.88
		High	1995.00	-20.21
	64QAM	Low	1930.00	-20.31
		High	1995.00	-20.89
	256QAM	Low	1930.00	-20.48
		High	1995.00	-20.72
2	QPSK	Low	1930.00	-20.46
		High	1995.00	-20.31
	16QAM	Low	1930.00	-22.15
		High	1995.00	-23.75
	64QAM	Low	1930.00	-20.07
		High	1995.00	-20.20
	256QAM	Low	1930.00	-23.10
		High	1995.00	-22.23
3	QPSK	Low	1930.00	-20.78
		High	1995.00	-20.86
	16QAM	Low	1930.00	-20.90
		High	1995.00	-20.09
	64QAM	Low	1930.00	-21.96
		High	1995.00	-20.33
	256QAM	Low	1930.00	-22.09
		High	1995.00	-20.40

B66 LTE 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.91
		High	2180.00	-26.80
	16QAM	Low	2110.00	-26.66
		High	2180.00	-25.89
	64QAM	Low	2110.00	-27.25
		High	2180.00	-26.86
	256QAM	Low	2110.00	-27.45
		High	2180.00	-27.32
1	QPSK	Low	2110.00	-26.94
		High	2180.00	-26.57
	16QAM	Low	2110.00	-28.18
		High	2180.00	-24.61
	64QAM	Low	2110.00	-28.29
		High	2180.00	-25.92
	256QAM	Low	2110.00	-28.65
		High	2180.00	-26.82
2	QPSK	Low	2110.00	-26.71
		High	2180.00	-27.01
	16QAM	Low	2110.00	-27.35
		High	2180.00	-27.25
	64QAM	Low	2110.00	-28.31
		High	2180.00	-26.57
	256QAM	Low	2110.00	-28.47
		High	2180.00	-26.47
3	QPSK	Low	2110.00	-25.44
		High	2180.00	-27.07
	16QAM	Low	2110.00	-28.05
		High	2180.00	-27.41
	64QAM	Low	2110.00	-27.53
		High	2180.00	-26.82
	256QAM	Low	2110.00	-28.20
		High	2180.00	-27.08

B66 LTE 10 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-22.03
		High	2180.00	-20.11
	16QAM	Low	2110.00	-20.31
		High	2180.00	-20.23
	64QAM	Low	2110.00	-22.25
		High	2180.00	-20.01
	256QAM	Low	2110.00	-21.13
		High	2180.00	-20.18
1	QPSK	Low	2110.00	-21.89
		High	2180.00	-20.34
	16QAM	Low	2110.00	-25.41
		High	2180.00	-20.13
	64QAM	Low	2110.00	-20.89
		High	2180.00	-20.32
	256QAM	Low	2110.00	-22.06
		High	2180.00	-20.35
2	QPSK	Low	2110.00	-20.87
		High	2180.00	-20.73
	16QAM	Low	2110.00	-22.92
		High	2180.00	-21.10
	64QAM	Low	2110.00	-20.74
		High	2180.00	-19.97
	256QAM	Low	2110.00	-22.81
		High	2180.00	-20.49
3	QPSK	Low	2110.00	-21.33
		High	2180.00	-19.94
	16QAM	Low	2110.00	-21.05
		High	2180.00	-19.85
	64QAM	Low	2110.00	-20.45
		High	2180.00	-20.06
	256QAM	Low	2110.00	-20.94
		High	2180.00	-19.89

B66 LTE 15 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-21.08
		High	2180.00	-22.99
	16QAM	Low	2110.00	-20.94
		High	2180.00	-22.32
	64QAM	Low	2110.00	-20.80
		High	2180.00	-21.36
	256QAM	Low	2110.00	-22.52
		High	2180.00	-19.93
1	QPSK	Low	2110.00	-20.52
		High	2180.00	-21.36
	16QAM	Low	2110.00	-22.46
		High	2180.00	-20.70
	64QAM	Low	2110.00	-23.14
		High	2180.00	-20.59
	256QAM	Low	2110.00	-20.99
		High	2180.00	-22.96
2	QPSK	Low	2110.00	-21.32
		High	2180.00	-20.30
	16QAM	Low	2110.00	-23.25
		High	2180.00	-20.39
	64QAM	Low	2110.00	-21.65
		High	2180.00	-20.85
	256QAM	Low	2110.00	-22.52
		High	2180.00	-22.04
3	QPSK	Low	2110.00	-21.41
		High	2180.00	-20.83
	16QAM	Low	2110.00	-22.02
		High	2180.00	-21.46
	64QAM	Low	2110.00	-23.10
		High	2180.00	-20.75
	256QAM	Low	2110.00	-22.75
		High	2180.00	-19.84

B66 LTE 20 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-21.07
		High	2180.00	-20.52
	16QAM	Low	2110.00	-20.39
		High	2180.00	-20.35
	64QAM	Low	2110.00	-20.15
		High	2180.00	-21.02
	256QAM	Low	2110.00	-21.90
		High	2180.00	-20.78
1	QPSK	Low	2110.00	-20.26
		High	2180.00	-21.24
	16QAM	Low	2110.00	-20.17
		High	2180.00	-21.35
	64QAM	Low	2110.00	-20.75
		High	2180.00	-21.17
	256QAM	Low	2110.00	-20.53
		High	2180.00	-21.31
2	QPSK	Low	2110.00	-24.13
		High	2180.00	-20.55
	16QAM	Low	2110.00	-20.52
		High	2180.00	-20.10
	64QAM	Low	2110.00	-21.12
		High	2180.00	-21.37
	256QAM	Low	2110.00	-20.06
		High	2180.00	-21.10
3	QPSK	Low	2110.00	-20.29
		High	2180.00	-21.01
	16QAM	Low	2110.00	-20.34
		High	2180.00	-20.45
	64QAM	Low	2110.00	-21.12
		High	2180.00	-20.06
	256QAM	Low	2110.00	-22.31
		High	2180.00	-21.17

Tabular Data of Contiguous Out-of-band Unwanted Emissions
B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.84
		High	1995.00	-20.27
	16QAM	Low	1930.00	-28.14
		High	1995.00	-19.94
	64QAM	Low	1930.00	-31.37
		High	1995.00	-20.25
	256QAM	Low	1930.00	-30.31
		High	1995.00	-20.93
1	QPSK	Low	1930.00	-28.18
		High	1995.00	-21.95
	16QAM	Low	1930.00	-29.46
		High	1995.00	-21.18
	64QAM	Low	1930.00	-28.39
		High	1995.00	-20.64
	256QAM	Low	1930.00	-29.13
		High	1995.00	-23.43
2	QPSK	Low	1930.00	-28.82
		High	1995.00	-21.74
	16QAM	Low	1930.00	-30.58
		High	1995.00	-23.88
	64QAM	Low	1930.00	-29.92
		High	1995.00	-21.59
	256QAM	Low	1930.00	-29.68
		High	1995.00	-22.97
3	QPSK	Low	1930.00	-29.26
		High	1995.00	-22.17
	16QAM	Low	1930.00	-28.75
		High	1995.00	-20.29
	64QAM	Low	1930.00	-29.35
		High	1995.00	-20.92
	256QAM	Low	1930.00	-30.25
		High	1995.00	-20.83

B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-23.67
		High	1995.00	-20.70
	16QAM	Low	1930.00	-21.54
		High	1995.00	-20.25
	64QAM	Low	1930.00	-24.48
		High	1995.00	-24.07
	256QAM	Low	1930.00	-22.40
		High	1995.00	-21.08
1	QPSK	Low	1930.00	-20.39
		High	1995.00	-19.98
	16QAM	Low	1930.00	-20.61
		High	1995.00	-23.38
	64QAM	Low	1930.00	-20.29
		High	1995.00	-22.60
	256QAM	Low	1930.00	-22.07
		High	1995.00	-20.79
2	QPSK	Low	1930.00	-23.49
		High	1995.00	-20.56
	16QAM	Low	1930.00	-22.13
		High	1995.00	-21.45
	64QAM	Low	1930.00	-20.45
		High	1995.00	-23.74
	256QAM	Low	1930.00	-20.83
		High	1995.00	-20.72
3	QPSK	Low	1930.00	-23.00
		High	1995.00	-20.79
	16QAM	Low	1930.00	-23.73
		High	1995.00	-20.43
	64QAM	Low	1930.00	-21.56
		High	1995.00	-20.88
	256QAM	Low	1930.00	-21.38
		High	1995.00	-23.39

B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-40.45
		High	1995.00	-20.95
	16QAM	Low	1930.00	-39.13
		High	1995.00	-23.30
	64QAM	Low	1930.00	-38.61
		High	1995.00	-23.92
	256QAM	Low	1930.00	-40.32
		High	1995.00	-20.12
1	QPSK	Low	1930.00	-39.97
		High	1995.00	-21.67
	16QAM	Low	1930.00	-38.84
		High	1995.00	-20.66
	64QAM	Low	1930.00	-39.06
		High	1995.00	-21.21
	256QAM	Low	1930.00	-40.14
		High	1995.00	-20.31
2	QPSK	Low	1930.00	-40.32
		High	1995.00	-21.38
	16QAM	Low	1930.00	-39.74
		High	1995.00	-20.75
	64QAM	Low	1930.00	-40.23
		High	1995.00	-22.50
	256QAM	Low	1930.00	-38.92
		High	1995.00	-21.13
3	QPSK	Low	1930.00	-39.73
		High	1995.00	-20.42
	16QAM	Low	1930.00	-38.54
		High	1995.00	-22.53
	64QAM	Low	1930.00	-39.30
		High	1995.00	-21.88
	256QAM	Low	1930.00	-39.02
		High	1995.00	-20.02

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-39.71
		High	1995.00	-20.45
	16QAM	Low	1930.00	-40.10
		High	1995.00	-22.72
	64QAM	Low	1930.00	-39.52
		High	1995.00	-20.18
	256QAM	Low	1930.00	-38.94
		High	1995.00	-21.12
1	QPSK	Low	1930.00	-33.02
		High	1995.00	-20.68
	16QAM	Low	1930.00	-32.62
		High	1995.00	-20.19
	64QAM	Low	1930.00	-33.20
		High	1995.00	-21.51
	256QAM	Low	1930.00	-32.82
		High	1995.00	-20.18
2	QPSK	Low	1930.00	-38.78
		High	1995.00	-21.29
	16QAM	Low	1930.00	-39.28
		High	1995.00	-22.42
	64QAM	Low	1930.00	-38.86
		High	1995.00	-20.38
	256QAM	Low	1930.00	-38.28
		High	1995.00	-20.86
3	QPSK	Low	1930.00	-38.71
		High	1995.00	-21.22
	16QAM	Low	1930.00	-39.10
		High	1995.00	-22.28
	64QAM	Low	1930.00	-39.56
		High	1995.00	-22.12
	256QAM	Low	1930.00	-39.17
		High	1995.00	-21.30

B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-39.77
		High	1995.00	-39.67
	16QAM	Low	1930.00	-38.71
		High	1995.00	-41.13
	64QAM	Low	1930.00	-39.45
		High	1995.00	-39.93
	256QAM	Low	1930.00	-38.90
		High	1995.00	-40.16
1	QPSK	Low	1930.00	-39.89
		High	1995.00	-40.83
	16QAM	Low	1930.00	-38.01
		High	1995.00	-41.21
	64QAM	Low	1930.00	-39.23
		High	1995.00	-40.96
	256QAM	Low	1930.00	-38.94
		High	1995.00	-40.37
2	QPSK	Low	1930.00	-39.50
		High	1995.00	-40.60
	16QAM	Low	1930.00	-40.64
		High	1995.00	-41.25
	64QAM	Low	1930.00	-39.32
		High	1995.00	-40.98
	256QAM	Low	1930.00	-39.56
		High	1995.00	-40.93
3	QPSK	Low	1930.00	-38.78
		High	1995.00	-40.45
	16QAM	Low	1930.00	-39.21
		High	1995.00	-41.51
	64QAM	Low	1930.00	-38.96
		High	1995.00	-39.39
	256QAM	Low	1930.00	-39.96
		High	1995.00	-39.91

B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-21.41
		High	1995.00	-21.01
	16QAM	Low	1930.00	-26.52
		High	1995.00	-20.03
	64QAM	Low	1930.00	-24.92
		High	1995.00	-21.24
	256QAM	Low	1930.00	-23.68
		High	1995.00	-20.33
1	QPSK	Low	1930.00	-22.43
		High	1995.00	-20.46
	16QAM	Low	1930.00	-21.06
		High	1995.00	-22.30
	64QAM	Low	1930.00	-21.86
		High	1995.00	-20.34
	256QAM	Low	1930.00	-21.25
		High	1995.00	-22.21
2	QPSK	Low	1930.00	-23.99
		High	1995.00	-20.21
	16QAM	Low	1930.00	-23.88
		High	1995.00	-25.75
	64QAM	Low	1930.00	-21.90
		High	1995.00	-21.01
	256QAM	Low	1930.00	-22.22
		High	1995.00	-20.90
3	QPSK	Low	1930.00	-24.56
		High	1995.00	-21.22
	16QAM	Low	1930.00	-21.72
		High	1995.00	-21.01
	64QAM	Low	1930.00	-22.57
		High	1995.00	-22.27
	256QAM	Low	1930.00	-21.52
		High	1995.00	-21.22

B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-23.46
		High	1995.00	-23.82
	16QAM	Low	1930.00	-22.67
		High	1995.00	-23.58
	64QAM	Low	1930.00	-22.49
		High	1995.00	-22.42
	256QAM	Low	1930.00	-22.69
		High	1995.00	-26.54
1	QPSK	Low	1930.00	-23.89
		High	1995.00	-21.03
	16QAM	Low	1930.00	-21.93
		High	1995.00	-20.89
	64QAM	Low	1930.00	-22.03
		High	1995.00	-21.92
	256QAM	Low	1930.00	-20.75
		High	1995.00	-20.14
2	QPSK	Low	1930.00	-20.84
		High	1995.00	-19.98
	16QAM	Low	1930.00	-23.51
		High	1995.00	-20.80
	64QAM	Low	1930.00	-23.49
		High	1995.00	-22.31
	256QAM	Low	1930.00	-24.75
		High	1995.00	-21.34
3	QPSK	Low	1930.00	-21.82
		High	1995.00	-23.05
	16QAM	Low	1930.00	-21.09
		High	1995.00	-21.13
	64QAM	Low	1930.00	-27.11
		High	1995.00	-19.93
	256QAM	Low	1930.00	-22.53
		High	1995.00	-21.98

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-40.00
		High	1995.00	-21.83
	16QAM	Low	1930.00	-39.90
		High	1995.00	-20.24
	64QAM	Low	1930.00	-39.88
		High	1995.00	-20.92
	256QAM	Low	1930.00	-40.38
		High	1995.00	-20.10
1	QPSK	Low	1930.00	-39.71
		High	1995.00	-21.76
	16QAM	Low	1930.00	-40.32
		High	1995.00	-20.04
	64QAM	Low	1930.00	-39.69
		High	1995.00	-20.12
	256QAM	Low	1930.00	-39.96
		High	1995.00	-22.83
2	QPSK	Low	1930.00	-40.34
		High	1995.00	-20.57
	16QAM	Low	1930.00	-41.10
		High	1995.00	-23.01
	64QAM	Low	1930.00	-40.13
		High	1995.00	-23.88
	256QAM	Low	1930.00	-41.05
		High	1995.00	-23.05
3	QPSK	Low	1930.00	-40.41
		High	1995.00	-20.11
	16QAM	Low	1930.00	-39.91
		High	1995.00	-22.18
	64QAM	Low	1930.00	-39.82
		High	1995.00	-25.76
	256QAM	Low	1930.00	-40.61
		High	1995.00	-21.15

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-40.76
		High	1995.00	-43.70
	16QAM	Low	1930.00	-40.08
		High	1995.00	-42.14
	64QAM	Low	1930.00	-40.50
		High	1995.00	-42.43
	256QAM	Low	1930.00	-40.91
		High	1995.00	-42.78
1	QPSK	Low	1930.00	-39.38
		High	1995.00	-42.62
	16QAM	Low	1930.00	-39.80
		High	1995.00	-41.23
	64QAM	Low	1930.00	-39.39
		High	1995.00	-43.56
	256QAM	Low	1930.00	-39.18
		High	1995.00	-41.92
2	QPSK	Low	1930.00	-40.52
		High	1995.00	-42.74
	16QAM	Low	1930.00	-39.62
		High	1995.00	-42.06
	64QAM	Low	1930.00	-40.18
		High	1995.00	-43.47
	256QAM	Low	1930.00	-41.07
		High	1995.00	-43.26
3	QPSK	Low	1930.00	-39.26
		High	1995.00	-41.49
	16QAM	Low	1930.00	-40.07
		High	1995.00	-40.85
	64QAM	Low	1930.00	-39.85
		High	1995.00	-41.99
	256QAM	Low	1930.00	-39.80
		High	1995.00	-42.06

B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.13
		High	2180.00	-22.49
	16QAM	Low	2110.00	-27.31
		High	2180.00	-20.73
	64QAM	Low	2110.00	-27.53
		High	2180.00	-20.05
	256QAM	Low	2110.00	-27.31
		High	2180.00	-20.52
1	QPSK	Low	2110.00	-28.37
		High	2180.00	-20.01
	16QAM	Low	2110.00	-27.27
		High	2180.00	-20.00
	64QAM	Low	2110.00	-27.43
		High	2180.00	-20.88
	256QAM	Low	2110.00	-27.84
		High	2180.00	-20.33
2	QPSK	Low	2110.00	-28.08
		High	2180.00	-21.03
	16QAM	Low	2110.00	-28.03
		High	2180.00	-21.89
	64QAM	Low	2110.00	-27.72
		High	2180.00	-20.35
	256QAM	Low	2110.00	-28.28
		High	2180.00	-20.90
3	QPSK	Low	2110.00	-27.75
		High	2180.00	-20.45
	16QAM	Low	2110.00	-29.01
		High	2180.00	-20.23
	64QAM	Low	2110.00	-29.15
		High	2180.00	-20.84
	256QAM	Low	2110.00	-28.54
		High	2180.00	-21.19

B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.31
		High	2180.00	-38.32
	16QAM	Low	2110.00	-27.00
		High	2180.00	-38.24
	64QAM	Low	2110.00	-27.64
		High	2180.00	-38.11
	256QAM	Low	2110.00	-27.22
		High	2180.00	-37.98
1	QPSK	Low	2110.00	-26.75
		High	2180.00	-39.33
	16QAM	Low	2110.00	-26.99
		High	2180.00	-38.32
	64QAM	Low	2110.00	-28.38
		High	2180.00	-39.19
	256QAM	Low	2110.00	-27.63
		High	2180.00	-38.53
2	QPSK	Low	2110.00	-26.79
		High	2180.00	-39.00
	16QAM	Low	2110.00	-28.09
		High	2180.00	-38.47
	64QAM	Low	2110.00	-28.68
		High	2180.00	-39.02
	256QAM	Low	2110.00	-27.29
		High	2180.00	-39.16
3	QPSK	Low	2110.00	-27.56
		High	2180.00	-39.06
	16QAM	Low	2110.00	-28.83
		High	2180.00	-39.03
	64QAM	Low	2110.00	-27.34
		High	2180.00	-39.37
	256QAM	Low	2110.00	-27.07
		High	2180.00	-39.02

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.18
		High	2180.00	-19.91
	16QAM	Low	2110.00	-28.50
		High	2180.00	-20.01
	64QAM	Low	2110.00	-28.24
		High	2180.00	-20.12
	256QAM	Low	2110.00	-29.38
		High	2180.00	-21.36
1	QPSK	Low	2110.00	-28.38
		High	2180.00	-21.37
	16QAM	Low	2110.00	-28.56
		High	2180.00	-20.48
	64QAM	Low	2110.00	-28.54
		High	2180.00	-21.12
	256QAM	Low	2110.00	-28.46
		High	2180.00	-21.93
2	QPSK	Low	2110.00	-28.36
		High	2180.00	-21.76
	16QAM	Low	2110.00	-28.64
		High	2180.00	-21.02
	64QAM	Low	2110.00	-27.55
		High	2180.00	-20.37
	256QAM	Low	2110.00	-28.03
		High	2180.00	-20.71
3	QPSK	Low	2110.00	-28.66
		High	2180.00	-20.45
	16QAM	Low	2110.00	-29.26
		High	2180.00	-21.41
	64QAM	Low	2110.00	-28.68
		High	2180.00	-20.29
	256QAM	Low	2110.00	-28.13
		High	2180.00	-19.89

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.87
		High	2180.00	-37.20
	16QAM	Low	2110.00	-28.42
		High	2180.00	-36.73
	64QAM	Low	2110.00	-28.13
		High	2180.00	-37.16
	256QAM	Low	2110.00	-26.84
		High	2180.00	-37.20
1	QPSK	Low	2110.00	-28.36
		High	2180.00	-37.59
	16QAM	Low	2110.00	-29.63
		High	2180.00	-37.58
	64QAM	Low	2110.00	-27.61
		High	2180.00	-37.68
	256QAM	Low	2110.00	-28.16
		High	2180.00	-37.18
2	QPSK	Low	2110.00	-27.37
		High	2180.00	-37.74
	16QAM	Low	2110.00	-28.94
		High	2180.00	-38.14
	64QAM	Low	2110.00	-28.80
		High	2180.00	-37.95
	256QAM	Low	2110.00	-28.37
		High	2180.00	-38.42
3	QPSK	Low	2110.00	-28.50
		High	2180.00	-38.13
	16QAM	Low	2110.00	-29.47
		High	2180.00	-38.73
	64QAM	Low	2110.00	-28.46
		High	2180.00	-37.91
	256QAM	Low	2110.00	-28.19
		High	2180.00	-37.48

B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-24.50
		High	2180.00	-20.49
	16QAM	Low	2110.00	-23.12
		High	2180.00	-20.30
	64QAM	Low	2110.00	-22.52
		High	2180.00	-20.29
	256QAM	Low	2110.00	-22.41
		High	2180.00	-20.24
1	QPSK	Low	2110.00	-22.16
		High	2180.00	-20.20
	16QAM	Low	2110.00	-22.56
		High	2180.00	-20.26
	64QAM	Low	2110.00	-21.83
		High	2180.00	-19.98
	256QAM	Low	2110.00	-20.49
		High	2180.00	-20.55
2	QPSK	Low	2110.00	-21.73
		High	2180.00	-20.01
	16QAM	Low	2110.00	-23.92
		High	2180.00	-21.08
	64QAM	Low	2110.00	-20.28
		High	2180.00	-21.95
	256QAM	Low	2110.00	-19.94
		High	2180.00	-20.51
3	QPSK	Low	2110.00	-22.09
		High	2180.00	-20.50
	16QAM	Low	2110.00	-22.24
		High	2180.00	-20.80
	64QAM	Low	2110.00	-21.23
		High	2180.00	-20.17
	256QAM	Low	2110.00	-23.47
		High	2180.00	-23.78

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-39.40
		High	2180.00	-21.30
	16QAM	Low	2110.00	-39.26
		High	2180.00	-20.09
	64QAM	Low	2110.00	-38.51
		High	2180.00	-21.08
	256QAM	Low	2110.00	-38.97
		High	2180.00	-20.55
1	QPSK	Low	2110.00	-39.14
		High	2180.00	-20.83
	16QAM	Low	2110.00	-38.86
		High	2180.00	-20.64
	64QAM	Low	2110.00	-39.62
		High	2180.00	-21.44
	256QAM	Low	2110.00	-39.37
		High	2180.00	-20.20
2	QPSK	Low	2110.00	-39.63
		High	2180.00	-20.45
	16QAM	Low	2110.00	-39.67
		High	2180.00	-21.22
	64QAM	Low	2110.00	-39.32
		High	2180.00	-22.39
	256QAM	Low	2110.00	-39.85
		High	2180.00	-20.84
3	QPSK	Low	2110.00	-40.27
		High	2180.00	-21.06
	16QAM	Low	2110.00	-39.41
		High	2180.00	-20.57
	64QAM	Low	2110.00	-40.23
		High	2180.00	-23.21
	256QAM	Low	2110.00	-39.44
		High	2180.00	-20.43

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-39.56
		High	2180.00	-38.33
	16QAM	Low	2110.00	-40.10
		High	2180.00	-38.90
	64QAM	Low	2110.00	-39.62
		High	2180.00	-38.76
	256QAM	Low	2110.00	-39.53
		High	2180.00	-38.20
1	QPSK	Low	2110.00	-39.53
		High	2180.00	-39.01
	16QAM	Low	2110.00	-39.30
		High	2180.00	-39.52
	64QAM	Low	2110.00	-39.03
		High	2180.00	-38.93
	256QAM	Low	2110.00	-39.37
		High	2180.00	-39.52
2	QPSK	Low	2110.00	-40.50
		High	2180.00	-39.25
	16QAM	Low	2110.00	-39.90
		High	2180.00	-39.84
	64QAM	Low	2110.00	-40.61
		High	2180.00	-40.10
	256QAM	Low	2110.00	-39.70
		High	2180.00	-39.62
3	QPSK	Low	2110.00	-40.35
		High	2180.00	-39.54
	16QAM	Low	2110.00	-40.48
		High	2180.00	-38.93
	64QAM	Low	2110.00	-40.63
		High	2180.00	-39.51
	256QAM	Low	2110.00	-40.99
		High	2180.00	-39.85

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.50
		High	1995.00	-23.24
	16QAM	Low	1930.00	-28.71
		High	1995.00	-20.94
	64QAM	Low	1930.00	-28.25
		High	1995.00	-21.82
	256QAM	Low	1930.00	-28.49
		High	1995.00	-22.11
1	QPSK	Low	1930.00	-27.75
		High	1995.00	-22.64
	16QAM	Low	1930.00	-27.42
		High	1995.00	-20.68
	64QAM	Low	1930.00	-27.90
		High	1995.00	-20.68
	256QAM	Low	1930.00	-27.37
		High	1995.00	-20.09
2	QPSK	Low	1930.00	-29.23
		High	1995.00	-21.79
	16QAM	Low	1930.00	-29.20
		High	1995.00	-20.22
	64QAM	Low	1930.00	-28.96
		High	1995.00	-23.73
	256QAM	Low	1930.00	-29.35
		High	1995.00	-24.83
3	QPSK	Low	1930.00	-29.34
		High	1995.00	-20.86
	16QAM	Low	1930.00	-28.34
		High	1995.00	-21.08
	64QAM	Low	1930.00	-29.64
		High	1995.00	-22.45
	256QAM	Low	1930.00	-29.89
		High	1995.00	-20.00

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.16
		High	1995.00	-41.36
	16QAM	Low	1930.00	-27.87
		High	1995.00	-41.32
	64QAM	Low	1930.00	-28.84
		High	1995.00	-41.22
	256QAM	Low	1930.00	-28.47
		High	1995.00	-40.83
1	QPSK	Low	1930.00	-28.75
		High	1995.00	-39.78
	16QAM	Low	1930.00	-28.18
		High	1995.00	-41.51
	64QAM	Low	1930.00	-27.20
		High	1995.00	-40.32
	256QAM	Low	1930.00	-28.73
		High	1995.00	-40.12
2	QPSK	Low	1930.00	-29.05
		High	1995.00	-40.14
	16QAM	Low	1930.00	-29.54
		High	1995.00	-40.52
	64QAM	Low	1930.00	-29.33
		High	1995.00	-40.40
	256QAM	Low	1930.00	-29.95
		High	1995.00	-39.98
3	QPSK	Low	1930.00	-30.36
		High	1995.00	-39.87
	16QAM	Low	1930.00	-29.13
		High	1995.00	-41.21
	64QAM	Low	1930.00	-29.50
		High	1995.00	-39.89
	256QAM	Low	1930.00	-29.29
		High	1995.00	-40.35

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.61
		High	1995.00	-27.07
	16QAM	Low	1930.00	-30.38
		High	1995.00	-20.78
	64QAM	Low	1930.00	-30.49
		High	1995.00	-23.87
	256QAM	Low	1930.00	-29.35
		High	1995.00	-20.91
1	QPSK	Low	1930.00	-29.25
		High	1995.00	-23.61
	16QAM	Low	1930.00	-29.18
		High	1995.00	-23.93
	64QAM	Low	1930.00	-29.02
		High	1995.00	-20.13
	256QAM	Low	1930.00	-28.90
		High	1995.00	-21.73
2	QPSK	Low	1930.00	-31.18
		High	1995.00	-21.06
	16QAM	Low	1930.00	-30.00
		High	1995.00	-23.70
	64QAM	Low	1930.00	-30.43
		High	1995.00	-23.72
	256QAM	Low	1930.00	-31.01
		High	1995.00	-25.02
3	QPSK	Low	1930.00	-29.92
		High	1995.00	-22.76
	16QAM	Low	1930.00	-31.49
		High	1995.00	-23.16
	64QAM	Low	1930.00	-31.16
		High	1995.00	-20.97
	256QAM	Low	1930.00	-30.79
		High	1995.00	-21.40

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-30.34
		High	1995.00	-41.19
	16QAM	Low	1930.00	-30.91
		High	1995.00	-43.36
	64QAM	Low	1930.00	-31.08
		High	1995.00	-42.83
	256QAM	Low	1930.00	-30.41
		High	1995.00	-42.53
1	QPSK	Low	1930.00	-30.64
		High	1995.00	-41.57
	16QAM	Low	1930.00	-29.46
		High	1995.00	-41.79
	64QAM	Low	1930.00	-31.13
		High	1995.00	-41.51
	256QAM	Low	1930.00	-30.21
		High	1995.00	-42.77
2	QPSK	Low	1930.00	-31.33
		High	1995.00	-41.83
	16QAM	Low	1930.00	-32.41
		High	1995.00	-43.70
	64QAM	Low	1930.00	-31.31
		High	1995.00	-41.90
	256QAM	Low	1930.00	-31.34
		High	1995.00	-42.43
3	QPSK	Low	1930.00	-30.35
		High	1995.00	-41.80
	16QAM	Low	1930.00	-30.19
		High	1995.00	-42.67
	64QAM	Low	1930.00	-30.41
		High	1995.00	-41.63
	256QAM	Low	1930.00	-32.09
		High	1995.00	-41.56

Tabular Data of Non-Contiguous Out-of-band Unwanted Emissions
B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-26.37
		High	1995.00	-20.00
	16QAM	Low	1930.00	-29.07
		High	1995.00	-21.86
	64QAM	Low	1930.00	-26.64
		High	1995.00	-20.92
256QAM	Low	1930.00	-26.89	
	High	1995.00	-20.54	
1	QPSK	Low	1930.00	-25.68
		High	1995.00	-21.43
	16QAM	Low	1930.00	-27.71
		High	1995.00	-20.17
	64QAM	Low	1930.00	-27.32
		High	1995.00	-21.77
256QAM	Low	1930.00	-25.97	
	High	1995.00	-20.04	
2	QPSK	Low	1930.00	-27.18
		High	1995.00	-20.87
	16QAM	Low	1930.00	-28.64
		High	1995.00	-22.14
	64QAM	Low	1930.00	-27.05
		High	1995.00	-20.56
256QAM	Low	1930.00	-27.76	
	High	1995.00	-20.15	
3	QPSK	Low	1930.00	-26.92
		High	1995.00	-20.17
	16QAM	Low	1930.00	-29.81
		High	1995.00	-20.06
	64QAM	Low	1930.00	-27.71
		High	1995.00	-22.91
256QAM	Low	1930.00	-27.99	
	High	1995.00	-22.63	

B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-20.41
		High	1995.00	-22.39
	16QAM	Low	1930.00	-22.47
		High	1995.00	-22.60
	64QAM	Low	1930.00	-22.40
		High	1995.00	-21.41
	256QAM	Low	1930.00	-25.45
		High	1995.00	-19.99
1	QPSK	Low	1930.00	-20.13
		High	1995.00	-22.21
	16QAM	Low	1930.00	-20.64
		High	1995.00	-20.22
	64QAM	Low	1930.00	-21.14
		High	1995.00	-21.69
	256QAM	Low	1930.00	-21.55
		High	1995.00	-20.75
2	QPSK	Low	1930.00	-21.53
		High	1995.00	-23.14
	16QAM	Low	1930.00	-21.42
		High	1995.00	-20.47
	64QAM	Low	1930.00	-24.03
		High	1995.00	-21.34
	256QAM	Low	1930.00	-22.16
		High	1995.00	-21.39
3	QPSK	Low	1930.00	-22.33
		High	1995.00	-20.44
	16QAM	Low	1930.00	-22.04
		High	1995.00	-20.20
	64QAM	Low	1930.00	-22.23
		High	1995.00	-20.20
	256QAM	Low	1930.00	-21.12
		High	1995.00	-20.34

B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-39.57
		High	1995.00	-20.24
	16QAM	Low	1930.00	-39.69
		High	1995.00	-20.84
	64QAM	Low	1930.00	-39.41
		High	1995.00	-20.13
	256QAM	Low	1930.00	-39.58
		High	1995.00	-20.90
1	QPSK	Low	1930.00	-38.90
		High	1995.00	-20.24
	16QAM	Low	1930.00	-38.92
		High	1995.00	-19.90
	64QAM	Low	1930.00	-39.59
		High	1995.00	-20.29
	256QAM	Low	1930.00	-39.07
		High	1995.00	-20.30
2	QPSK	Low	1930.00	-40.04
		High	1995.00	-22.10
	16QAM	Low	1930.00	-39.90
		High	1995.00	-21.09
	64QAM	Low	1930.00	-40.35
		High	1995.00	-20.17
	256QAM	Low	1930.00	-40.23
		High	1995.00	-22.04
3	QPSK	Low	1930.00	-39.35
		High	1995.00	-21.86
	16QAM	Low	1930.00	-39.26
		High	1995.00	-20.09
	64QAM	Low	1930.00	-39.19
		High	1995.00	-21.15
	256QAM	Low	1930.00	-40.74
		High	1995.00	-20.47

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-39.28
		High	1995.00	-21.45
	16QAM	Low	1930.00	-38.66
		High	1995.00	-21.74
	64QAM	Low	1930.00	-38.94
		High	1995.00	-20.95
	256QAM	Low	1930.00	-39.11
		High	1995.00	-20.75
1	QPSK	Low	1930.00	-37.59
		High	1995.00	-20.05
	16QAM	Low	1930.00	-36.13
		High	1995.00	-22.11
	64QAM	Low	1930.00	-37.78
		High	1995.00	-20.27
	256QAM	Low	1930.00	-37.42
		High	1995.00	-20.35
2	QPSK	Low	1930.00	-38.92
		High	1995.00	-22.19
	16QAM	Low	1930.00	-39.02
		High	1995.00	-23.00
	64QAM	Low	1930.00	-39.04
		High	1995.00	-20.46
	256QAM	Low	1930.00	-38.97
		High	1995.00	-21.51
3	QPSK	Low	1930.00	-38.91
		High	1995.00	-21.11
	16QAM	Low	1930.00	-38.02
		High	1995.00	-20.24
	64QAM	Low	1930.00	-39.26
		High	1995.00	-21.65
	256QAM	Low	1930.00	-38.93
		High	1995.00	-21.51

B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-39.97
		High	1995.00	-40.51
	16QAM	Low	1930.00	-38.53
		High	1995.00	-41.67
	64QAM	Low	1930.00	-39.44
		High	1995.00	-40.58
	256QAM	Low	1930.00	-39.55
		High	1995.00	-40.12
1	QPSK	Low	1930.00	-39.10
		High	1995.00	-39.43
	16QAM	Low	1930.00	-38.65
		High	1995.00	-41.09
	64QAM	Low	1930.00	-39.46
		High	1995.00	-39.94
	256QAM	Low	1930.00	-39.00
		High	1995.00	-39.42
2	QPSK	Low	1930.00	-39.16
		High	1995.00	-39.75
	16QAM	Low	1930.00	-40.36
		High	1995.00	-41.09
	64QAM	Low	1930.00	-39.76
		High	1995.00	-40.44
	256QAM	Low	1930.00	-39.97
		High	1995.00	-39.80
3	QPSK	Low	1930.00	-39.11
		High	1995.00	-40.29
	16QAM	Low	1930.00	-39.21
		High	1995.00	-41.14
	64QAM	Low	1930.00	-39.49
		High	1995.00	-40.02
	256QAM	Low	1930.00	-39.63
		High	1995.00	-40.47

B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-24.00
		High	1995.00	-22.51
	16QAM	Low	1930.00	-22.29
		High	1995.00	-21.91
	64QAM	Low	1930.00	-20.67
		High	1995.00	-20.78
	256QAM	Low	1930.00	-21.82
		High	1995.00	-21.68
1	QPSK	Low	1930.00	-23.32
		High	1995.00	-20.57
	16QAM	Low	1930.00	-23.64
		High	1995.00	-20.64
	64QAM	Low	1930.00	-23.31
		High	1995.00	-20.50
	256QAM	Low	1930.00	-20.30
		High	1995.00	-21.86
2	QPSK	Low	1930.00	-22.35
		High	1995.00	-20.43
	16QAM	Low	1930.00	-23.53
		High	1995.00	-21.04
	64QAM	Low	1930.00	-22.87
		High	1995.00	-21.22
	256QAM	Low	1930.00	-21.54
		High	1995.00	-22.62
3	QPSK	Low	1930.00	-22.08
		High	1995.00	-21.54
	16QAM	Low	1930.00	-24.98
		High	1995.00	-20.27
	64QAM	Low	1930.00	-20.25
		High	1995.00	-20.45
	256QAM	Low	1930.00	-26.85
		High	1995.00	-20.11

B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-20.37
		High	1995.00	-21.91
	16QAM	Low	1930.00	-22.69
		High	1995.00	-21.55
	64QAM	Low	1930.00	-20.56
		High	1995.00	-20.63
	256QAM	Low	1930.00	-21.59
		High	1995.00	-22.93
1	QPSK	Low	1930.00	-20.23
		High	1995.00	-20.16
	16QAM	Low	1930.00	-22.94
		High	1995.00	-20.68
	64QAM	Low	1930.00	-20.19
		High	1995.00	-20.57
	256QAM	Low	1930.00	-21.84
		High	1995.00	-20.88
2	QPSK	Low	1930.00	-22.20
		High	1995.00	-22.11
	16QAM	Low	1930.00	-22.73
		High	1995.00	-20.99
	64QAM	Low	1930.00	-21.48
		High	1995.00	-21.26
	256QAM	Low	1930.00	-23.27
		High	1995.00	-20.22
3	QPSK	Low	1930.00	-20.63
		High	1995.00	-23.35
	16QAM	Low	1930.00	-21.96
		High	1995.00	-20.77
	64QAM	Low	1930.00	-20.49
		High	1995.00	-20.89
	256QAM	Low	1930.00	-21.65
		High	1995.00	-22.03

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-38.28
		High	1995.00	-20.75
	16QAM	Low	1930.00	-40.08
		High	1995.00	-20.12
	64QAM	Low	1930.00	-39.86
		High	1995.00	-20.16
	256QAM	Low	1930.00	-39.59
		High	1995.00	-21.57
1	QPSK	Low	1930.00	-39.79
		High	1995.00	-25.64
	16QAM	Low	1930.00	-37.83
		High	1995.00	-20.66
	64QAM	Low	1930.00	-39.29
		High	1995.00	-23.16
	256QAM	Low	1930.00	-39.44
		High	1995.00	-20.23
2	QPSK	Low	1930.00	-39.73
		High	1995.00	-22.64
	16QAM	Low	1930.00	-41.34
		High	1995.00	-23.83
	64QAM	Low	1930.00	-40.55
		High	1995.00	-20.94
	256QAM	Low	1930.00	-40.06
		High	1995.00	-20.71
3	QPSK	Low	1930.00	-40.71
		High	1995.00	-21.73
	16QAM	Low	1930.00	-40.35
		High	1995.00	-22.82
	64QAM	Low	1930.00	-40.75
		High	1995.00	-21.52
	256QAM	Low	1930.00	-40.89
		High	1995.00	-22.83

B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-40.43
		High	1995.00	-42.93
	16QAM	Low	1930.00	-39.55
		High	1995.00	-42.55
	64QAM	Low	1930.00	-39.60
		High	1995.00	-42.21
	256QAM	Low	1930.00	-40.09
		High	1995.00	-42.28
1	QPSK	Low	1930.00	-39.35
		High	1995.00	-41.64
	16QAM	Low	1930.00	-40.34
		High	1995.00	-42.52
	64QAM	Low	1930.00	-40.33
		High	1995.00	-41.41
	256QAM	Low	1930.00	-39.33
		High	1995.00	-41.97
2	QPSK	Low	1930.00	-40.57
		High	1995.00	-42.04
	16QAM	Low	1930.00	-39.46
		High	1995.00	-42.92
	64QAM	Low	1930.00	-40.27
		High	1995.00	-42.60
	256QAM	Low	1930.00	-40.27
		High	1995.00	-42.19
3	QPSK	Low	1930.00	-40.09
		High	1995.00	-41.97
	16QAM	Low	1930.00	-40.24
		High	1995.00	-42.41
	64QAM	Low	1930.00	-39.86
		High	1995.00	-41.90
	256QAM	Low	1930.00	-40.61
		High	1995.00	-42.17

B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-23.24
		High	2180.00	-25.51
	16QAM	Low	2110.00	-20.75
		High	2180.00	-25.78
	64QAM	Low	2110.00	-21.97
		High	2180.00	-26.14
	256QAM	Low	2110.00	-21.62
		High	2180.00	-26.73
1	QPSK	Low	2110.00	-20.02
		High	2180.00	-26.86
	16QAM	Low	2110.00	-21.11
		High	2180.00	-25.16
	64QAM	Low	2110.00	-22.75
		High	2180.00	-26.42
	256QAM	Low	2110.00	-21.27
		High	2180.00	-24.97
2	QPSK	Low	2110.00	-21.78
		High	2180.00	-27.17
	16QAM	Low	2110.00	-20.46
		High	2180.00	-25.92
	64QAM	Low	2110.00	-23.35
		High	2180.00	-25.68
	256QAM	Low	2110.00	-21.04
		High	2180.00	-26.16
3	QPSK	Low	2110.00	-23.13
		High	2180.00	-26.60
	16QAM	Low	2110.00	-23.04
		High	2180.00	-25.92
	64QAM	Low	2110.00	-21.77
		High	2180.00	-26.68
	256QAM	Low	2110.00	-22.02
		High	2180.00	-26.11

B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-26.04
		High	2180.00	-37.71
	16QAM	Low	2110.00	-27.21
		High	2180.00	-38.80
	64QAM	Low	2110.00	-23.60
		High	2180.00	-37.94
	256QAM	Low	2110.00	-25.53
		High	2180.00	-37.94
1	QPSK	Low	2110.00	-26.75
		High	2180.00	-38.12
	16QAM	Low	2110.00	-26.58
		High	2180.00	-38.36
	64QAM	Low	2110.00	-27.66
		High	2180.00	-38.26
	256QAM	Low	2110.00	-26.18
		High	2180.00	-38.13
2	QPSK	Low	2110.00	-24.46
		High	2180.00	-39.44
	16QAM	Low	2110.00	-23.38
		High	2180.00	-38.35
	64QAM	Low	2110.00	-25.06
		High	2180.00	-39.02
	256QAM	Low	2110.00	-27.74
		High	2180.00	-39.58
3	QPSK	Low	2110.00	-25.59
		High	2180.00	-37.86
	16QAM	Low	2110.00	-27.70
		High	2180.00	-39.58
	64QAM	Low	2110.00	-26.01
		High	2180.00	-38.92
	256QAM	Low	2110.00	-27.37
		High	2180.00	-38.67

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.19
		High	2180.00	-20.32
	16QAM	Low	2110.00	-27.94
		High	2180.00	-20.10
	64QAM	Low	2110.00	-26.68
		High	2180.00	-20.24
	256QAM	Low	2110.00	-27.77
		High	2180.00	-20.02
1	QPSK	Low	2110.00	-26.57
		High	2180.00	-19.93
	16QAM	Low	2110.00	-26.49
		High	2180.00	-20.51
	64QAM	Low	2110.00	-27.36
		High	2180.00	-21.88
	256QAM	Low	2110.00	-27.70
		High	2180.00	-20.17
2	QPSK	Low	2110.00	-27.89
		High	2180.00	-20.02
	16QAM	Low	2110.00	-30.04
		High	2180.00	-21.10
	64QAM	Low	2110.00	-27.57
		High	2180.00	-23.85
	256QAM	Low	2110.00	-27.22
		High	2180.00	-20.80
3	QPSK	Low	2110.00	-28.13
		High	2180.00	-21.55
	16QAM	Low	2110.00	-27.93
		High	2180.00	-21.29
	64QAM	Low	2110.00	-27.47
		High	2180.00	-21.03
	256QAM	Low	2110.00	-27.68
		High	2180.00	-19.91

B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-26.05
		High	2180.00	-39.29
	16QAM	Low	2110.00	-26.97
		High	2180.00	-39.32
	64QAM	Low	2110.00	-25.83
		High	2180.00	-39.46
	256QAM	Low	2110.00	-27.50
		High	2180.00	-39.52
1	QPSK	Low	2110.00	-25.32
		High	2180.00	-40.36
	16QAM	Low	2110.00	-27.17
		High	2180.00	-40.11
	64QAM	Low	2110.00	-27.47
		High	2180.00	-40.18
	256QAM	Low	2110.00	-27.02
		High	2180.00	-40.22
2	QPSK	Low	2110.00	-27.46
		High	2180.00	-39.21
	16QAM	Low	2110.00	-26.91
		High	2180.00	-39.91
	64QAM	Low	2110.00	-27.71
		High	2180.00	-39.18
	256QAM	Low	2110.00	-27.70
		High	2180.00	-38.79
3	QPSK	Low	2110.00	-27.07
		High	2180.00	-39.75
	16QAM	Low	2110.00	-26.67
		High	2180.00	-39.78
	64QAM	Low	2110.00	-27.19
		High	2180.00	-39.48
	256QAM	Low	2110.00	-26.85
		High	2180.00	-39.25

B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-21.53
		High	2180.00	-20.36
	16QAM	Low	2110.00	-20.44
		High	2180.00	-20.46
	64QAM	Low	2110.00	-21.41
		High	2180.00	-20.13
	256QAM	Low	2110.00	-20.28
		High	2180.00	-20.74
1	QPSK	Low	2110.00	-20.89
		High	2180.00	-20.19
	16QAM	Low	2110.00	-20.67
		High	2180.00	-20.64
	64QAM	Low	2110.00	-21.73
		High	2180.00	-21.11
	256QAM	Low	2110.00	-23.51
		High	2180.00	-21.49
2	QPSK	Low	2110.00	-21.76
		High	2180.00	-20.03
	16QAM	Low	2110.00	-22.62
		High	2180.00	-20.24
	64QAM	Low	2110.00	-21.34
		High	2180.00	-20.06
	256QAM	Low	2110.00	-22.55
		High	2180.00	-22.56
3	QPSK	Low	2110.00	-21.10
		High	2180.00	-20.21
	16QAM	Low	2110.00	-22.91
		High	2180.00	-20.10
	64QAM	Low	2110.00	-21.56
		High	2180.00	-20.40
	256QAM	Low	2110.00	-22.96
		High	2180.00	-20.43

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-39.22
		High	2180.00	-20.92
	16QAM	Low	2110.00	-38.63
		High	2180.00	-21.39
	64QAM	Low	2110.00	-37.42
		High	2180.00	-22.27
	256QAM	Low	2110.00	-38.43
		High	2180.00	-20.99
1	QPSK	Low	2110.00	-38.41
		High	2180.00	-21.76
	16QAM	Low	2110.00	-38.51
		High	2180.00	-20.09
	64QAM	Low	2110.00	-37.84
		High	2180.00	-20.40
	256QAM	Low	2110.00	-37.72
		High	2180.00	-22.18
2	QPSK	Low	2110.00	-39.29
		High	2180.00	-20.06
	16QAM	Low	2110.00	-38.82
		High	2180.00	-21.25
	64QAM	Low	2110.00	-39.00
		High	2180.00	-20.98
	256QAM	Low	2110.00	-39.06
		High	2180.00	-21.77
3	QPSK	Low	2110.00	-37.89
		High	2180.00	-20.05
	16QAM	Low	2110.00	-37.99
		High	2180.00	-20.78
	64QAM	Low	2110.00	-39.24
		High	2180.00	-20.37
	256QAM	Low	2110.00	-38.61
		High	2180.00	-21.08

B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-39.14
		High	2180.00	-37.77
	16QAM	Low	2110.00	-37.67
		High	2180.00	-37.55
	64QAM	Low	2110.00	-38.26
		High	2180.00	-37.74
	256QAM	Low	2110.00	-38.38
		High	2180.00	-38.10
1	QPSK	Low	2110.00	-38.89
		High	2180.00	-39.17
	16QAM	Low	2110.00	-37.43
		High	2180.00	-37.25
	64QAM	Low	2110.00	-38.15
		High	2180.00	-37.82
	256QAM	Low	2110.00	-38.78
		High	2180.00	-38.96
2	QPSK	Low	2110.00	-40.26
		High	2180.00	-39.51
	16QAM	Low	2110.00	-35.40
		High	2180.00	-37.46
	64QAM	Low	2110.00	-39.09
		High	2180.00	-38.64
	256QAM	Low	2110.00	-39.29
		High	2180.00	-38.41
3	QPSK	Low	2110.00	-39.49
		High	2180.00	-39.29
	16QAM	Low	2110.00	-33.68
		High	2180.00	-36.50
	64QAM	Low	2110.00	-39.26
		High	2180.00	-39.47
	256QAM	Low	2110.00	-39.68
		High	2180.00	-39.04

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.65
		High	1995.00	-23.13
	16QAM	Low	1930.00	-28.19
		High	1995.00	-20.42
	64QAM	Low	1930.00	-26.79
		High	1995.00	-21.36
	256QAM	Low	1930.00	-26.71
		High	1995.00	-20.46
1	QPSK	Low	1930.00	-25.88
		High	1995.00	-21.28
	16QAM	Low	1930.00	-26.17
		High	1995.00	-20.97
	64QAM	Low	1930.00	-25.39
		High	1995.00	-21.23
	256QAM	Low	1930.00	-25.66
		High	1995.00	-21.04
2	QPSK	Low	1930.00	-29.73
		High	1995.00	-22.74
	16QAM	Low	1930.00	-27.97
		High	1995.00	-21.42
	64QAM	Low	1930.00	-29.38
		High	1995.00	-20.36
	256QAM	Low	1930.00	-27.15
		High	1995.00	-20.78
3	QPSK	Low	1930.00	-27.46
		High	1995.00	-21.67
	16QAM	Low	1930.00	-27.82
		High	1995.00	-20.54
	64QAM	Low	1930.00	-28.48
		High	1995.00	-20.10
	256QAM	Low	1930.00	-28.08
		High	1995.00	-22.68

B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-21.05
		High	1995.00	-29.48
	16QAM	Low	1930.00	-20.27
		High	1995.00	-29.20
	64QAM	Low	1930.00	-22.29
		High	1995.00	-27.79
	256QAM	Low	1930.00	-22.10
		High	1995.00	-27.41
1	QPSK	Low	1930.00	-20.63
		High	1995.00	-27.23
	16QAM	Low	1930.00	-21.52
		High	1995.00	-28.99
	64QAM	Low	1930.00	-20.80
		High	1995.00	-27.87
	256QAM	Low	1930.00	-20.67
		High	1995.00	-27.66
2	QPSK	Low	1930.00	-22.84
		High	1995.00	-27.51
	16QAM	Low	1930.00	-21.99
		High	1995.00	-28.90
	64QAM	Low	1930.00	-20.55
		High	1995.00	-27.26
	256QAM	Low	1930.00	-20.64
		High	1995.00	-27.75
3	QPSK	Low	1930.00	-20.15
		High	1995.00	-27.44
	16QAM	Low	1930.00	-22.86
		High	1995.00	-27.84
	64QAM	Low	1930.00	-21.19
		High	1995.00	-28.77
	256QAM	Low	1930.00	-23.83
		High	1995.00	-27.82

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-25.59
		High	1995.00	-40.32
	16QAM	Low	1930.00	-26.76
		High	1995.00	-40.79
	64QAM	Low	1930.00	-29.05
		High	1995.00	-40.25
	256QAM	Low	1930.00	-28.04
		High	1995.00	-40.24
1	QPSK	Low	1930.00	-25.65
		High	1995.00	-40.23
	16QAM	Low	1930.00	-26.72
		High	1995.00	-39.96
	64QAM	Low	1930.00	-27.10
		High	1995.00	-40.46
	256QAM	Low	1930.00	-27.03
		High	1995.00	-40.24
2	QPSK	Low	1930.00	-24.47
		High	1995.00	-40.18
	16QAM	Low	1930.00	-28.05
		High	1995.00	-40.97
	64QAM	Low	1930.00	-28.27
		High	1995.00	-40.50
	256QAM	Low	1930.00	-27.26
		High	1995.00	-39.89
3	QPSK	Low	1930.00	-27.84
		High	1995.00	-40.90
	16QAM	Low	1930.00	-25.00
		High	1995.00	-39.54
	64QAM	Low	1930.00	-28.21
		High	1995.00	-41.19
	256QAM	Low	1930.00	-28.80
		High	1995.00	-40.48

B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.55
		High	1995.00	-39.62
	16QAM	Low	1930.00	-28.10
		High	1995.00	-41.34
	64QAM	Low	1930.00	-27.78
		High	1995.00	-39.75
	256QAM	Low	1930.00	-28.38
		High	1995.00	-40.42
1	QPSK	Low	1930.00	-25.79
		High	1995.00	-38.17
	16QAM	Low	1930.00	-26.11
		High	1995.00	-40.48
	64QAM	Low	1930.00	-25.78
		High	1995.00	-38.60
	256QAM	Low	1930.00	-26.45
		High	1995.00	-38.72
2	QPSK	Low	1930.00	-28.41
		High	1995.00	-40.53
	16QAM	Low	1930.00	-25.46
		High	1995.00	-38.85
	64QAM	Low	1930.00	-28.83
		High	1995.00	-40.12
	256QAM	Low	1930.00	-28.87
		High	1995.00	-40.52
3	QPSK	Low	1930.00	-25.92
		High	1995.00	-37.37
	16QAM	Low	1930.00	-25.32
		High	1995.00	-38.35
	64QAM	Low	1930.00	-26.27
		High	1995.00	-37.27
	256QAM	Low	1930.00	-26.03
		High	1995.00	-37.75

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.21
		High	1995.00	-20.24
	16QAM	Low	1930.00	-31.13
		High	1995.00	-21.37
	64QAM	Low	1930.00	-30.83
		High	1995.00	-22.74
	256QAM	Low	1930.00	-28.52
		High	1995.00	-23.32
1	QPSK	Low	1930.00	-29.72
		High	1995.00	-20.28
	16QAM	Low	1930.00	-29.74
		High	1995.00	-21.38
	64QAM	Low	1930.00	-30.15
		High	1995.00	-21.32
	256QAM	Low	1930.00	-29.60
		High	1995.00	-20.54
2	QPSK	Low	1930.00	-30.88
		High	1995.00	-21.88
	16QAM	Low	1930.00	-32.04
		High	1995.00	-21.64
	64QAM	Low	1930.00	-30.06
		High	1995.00	-22.49
	256QAM	Low	1930.00	-31.91
		High	1995.00	-23.18
3	QPSK	Low	1930.00	-30.00
		High	1995.00	-22.40
	16QAM	Low	1930.00	-29.16
		High	1995.00	-23.10
	64QAM	Low	1930.00	-30.53
		High	1995.00	-20.19
	256QAM	Low	1930.00	-29.97
		High	1995.00	-22.41

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.04
		High	1995.00	-20.50
	16QAM	Low	1930.00	-32.82
		High	1995.00	-23.76
	64QAM	Low	1930.00	-30.96
		High	1995.00	-21.11
	256QAM	Low	1930.00	-30.58
		High	1995.00	-22.49
1	QPSK	Low	1930.00	-29.30
		High	1995.00	-20.79
	16QAM	Low	1930.00	-28.95
		High	1995.00	-23.22
	64QAM	Low	1930.00	-29.20
		High	1995.00	-20.89
	256QAM	Low	1930.00	-28.72
		High	1995.00	-21.09
2	QPSK	Low	1930.00	-30.42
		High	1995.00	-21.28
	16QAM	Low	1930.00	-29.33
		High	1995.00	-20.92
	64QAM	Low	1930.00	-32.35
		High	1995.00	-21.67
	256QAM	Low	1930.00	-30.16
		High	1995.00	-21.29
3	QPSK	Low	1930.00	-30.64
		High	1995.00	-21.71
	16QAM	Low	1930.00	-31.44
		High	1995.00	-24.24
	64QAM	Low	1930.00	-30.56
		High	1995.00	-21.20
	256QAM	Low	1930.00	-31.03
		High	1995.00	-20.16

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.55
		High	1995.00	-41.10
	16QAM	Low	1930.00	-30.37
		High	1995.00	-42.67
	64QAM	Low	1930.00	-30.37
		High	1995.00	-41.87
	256QAM	Low	1930.00	-31.46
		High	1995.00	-41.64
1	QPSK	Low	1930.00	-29.98
		High	1995.00	-41.62
	16QAM	Low	1930.00	-29.72
		High	1995.00	-42.30
	64QAM	Low	1930.00	-28.71
		High	1995.00	-41.67
	256QAM	Low	1930.00	-30.42
		High	1995.00	-41.69
2	QPSK	Low	1930.00	-27.83
		High	1995.00	-42.33
	16QAM	Low	1930.00	-30.86
		High	1995.00	-43.15
	64QAM	Low	1930.00	-29.57
		High	1995.00	-42.74
	256QAM	Low	1930.00	-31.62
		High	1995.00	-42.15
3	QPSK	Low	1930.00	-30.97
		High	1995.00	-42.19
	16QAM	Low	1930.00	-31.66
		High	1995.00	-41.88
	64QAM	Low	1930.00	-31.53
		High	1995.00	-41.42
	256QAM	Low	1930.00	-31.09
		High	1995.00	-41.39

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-30.14
		High	1995.00	-43.33
	16QAM	Low	1930.00	-29.14
		High	1995.00	-42.91
	64QAM	Low	1930.00	-29.85
		High	1995.00	-42.59
	256QAM	Low	1930.00	-31.75
		High	1995.00	-42.59
1	QPSK	Low	1930.00	-25.08
		High	1995.00	-40.89
	16QAM	Low	1930.00	-28.83
		High	1995.00	-41.34
	64QAM	Low	1930.00	-28.07
		High	1995.00	-41.31
	256QAM	Low	1930.00	-29.04
		High	1995.00	-41.18
2	QPSK	Low	1930.00	-31.38
		High	1995.00	-41.34
	16QAM	Low	1930.00	-30.51
		High	1995.00	-42.63
	64QAM	Low	1930.00	-30.19
		High	1995.00	-42.39
	256QAM	Low	1930.00	-31.51
		High	1995.00	-41.84
3	QPSK	Low	1930.00	-24.26
		High	1995.00	-41.31
	16QAM	Low	1930.00	-29.96
		High	1995.00	-42.20
	64QAM	Low	1930.00	-29.99
		High	1995.00	-41.94
	256QAM	Low	1930.00	-30.66
		High	1995.00	-41.24

Inter-Band

B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_High

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.52
		High	2180.00	-27.15
	16QAM	Low	1930.00	-28.03
		High	2180.00	-27.94
	64QAM	Low	1930.00	-29.62
		High	2180.00	-28.80
	256QAM	Low	1930.00	-28.53
		High	2180.00	-27.71
1	QPSK	Low	1930.00	-28.90
		High	2180.00	-27.72
	16QAM	Low	1930.00	-29.19
		High	2180.00	-27.44
	64QAM	Low	1930.00	-27.54
		High	2180.00	-27.35
	256QAM	Low	1930.00	-26.84
		High	2180.00	-28.34
2	QPSK	Low	1930.00	-29.21
		High	1995.00	-28.59
	16QAM	Low	1930.00	-27.58
		High	2180.00	-28.95
	64QAM	Low	1930.00	-29.81
		High	1995.00	-27.88
	256QAM	Low	1930.00	-31.35
		High	1995.00	-28.66
3	QPSK	Low	1930.00	-27.75
		High	2180.00	-28.31
	16QAM	Low	1930.00	-28.17
		High	2180.00	-28.88
	64QAM	Low	1930.00	-26.76
		High	2180.00	-29.46
	256QAM	Low	1930.00	-26.09
		High	2180.00	-29.98

B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_Low

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.99
		High	1995.00	-20.56
	16QAM	Low	2110.00	-29.90
		High	1995.00	-21.78
	64QAM	Low	2110.00	-28.16
		High	1995.00	-20.18
256QAM	Low	2110.00	-29.17	
	High	1995.00	-21.09	
1	QPSK	Low	2110.00	-28.46
		High	1995.00	-20.28
	16QAM	Low	2110.00	-29.70
		High	1995.00	-20.61
	64QAM	Low	2110.00	-27.83
		High	1995.00	-21.88
256QAM	Low	2110.00	-28.60	
	High	1995.00	-22.90	
2	QPSK	Low	2110.00	-29.64
		High	1995.00	-21.70
	16QAM	Low	2110.00	-30.49
		High	1995.00	-22.59
	64QAM	Low	2110.00	-30.13
		High	1995.00	-23.89
256QAM	Low	2110.00	-28.04	
	High	1995.00	-20.18	
3	QPSK	Low	2110.00	-29.24
		High	1995.00	-22.78
	16QAM	Low	2110.00	-31.79
		High	1995.00	-22.17
	64QAM	Low	2110.00	-29.00
		High	1995.00	-20.84
256QAM	Low	2110.00	-29.75	
	High	1995.00	-21.20	

B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_High

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-22.31
		High	2180.00	-28.99
	16QAM	Low	1930.00	-25.53
		High	2180.00	-27.11
	64QAM	Low	1930.00	-24.69
		High	2180.00	-28.24
	256QAM	Low	1930.00	-20.45
		High	2180.00	-28.01
1	QPSK	Low	1930.00	-20.54
		High	2180.00	-28.97
	16QAM	Low	1930.00	-20.65
		High	2180.00	-27.81
	64QAM	Low	1930.00	-21.11
		High	2180.00	-28.26
	256QAM	Low	1930.00	-22.25
		High	2180.00	-28.68
2	QPSK	Low	1930.00	-22.18
		High	2180.00	-26.80
	16QAM	Low	1930.00	-21.09
		High	2180.00	-28.12
	64QAM	Low	1930.00	-24.05
		High	2180.00	-27.56
	256QAM	Low	1930.00	-22.76
		High	2180.00	-28.17
3	QPSK	Low	1930.00	-20.84
		High	2180.00	-28.03
	16QAM	Low	1930.00	-22.62
		High	2180.00	-28.01
	64QAM	Low	1930.00	-23.12
		High	2180.00	-28.76
	256QAM	Low	1930.00	-23.27
		High	2180.00	-26.82

B25 LTE 15 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_Low

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-28.22
		High	1995.00	-22.24
	16QAM	Low	2110.00	-29.19
		High	1995.00	-22.22
	64QAM	Low	2110.00	-28.85
		High	1995.00	-20.91
	256QAM	Low	2110.00	-28.43
		High	1995.00	-20.66
1	QPSK	Low	2110.00	-29.12
		High	1995.00	-24.97
	16QAM	Low	2110.00	-28.81
		High	1995.00	-20.55
	64QAM	Low	2110.00	-28.96
		High	1995.00	-24.28
	256QAM	Low	2110.00	-28.12
		High	1995.00	-20.99
2	QPSK	Low	2110.00	-28.11
		High	1995.00	-24.13
	16QAM	Low	2110.00	-30.54
		High	1995.00	-21.22
	64QAM	Low	2110.00	-28.30
		High	1995.00	-21.71
	256QAM	Low	2110.00	-29.18
		High	1995.00	-22.18
3	QPSK	Low	2110.00	-28.23
		High	1995.00	-21.82
	16QAM	Low	2110.00	-28.71
		High	1995.00	-20.06
	64QAM	Low	2110.00	-26.36
		High	1995.00	-21.50
	256QAM	Low	2110.00	-26.78
		High	1995.00	-20.37

B25 LTE 15 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_High

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-20.49
		High	2180.00	-27.23
	16QAM	Low	1930.00	-20.87
		High	2180.00	-26.93
	64QAM	Low	1930.00	-24.60
		High	2180.00	-26.58
	256QAM	Low	1930.00	-22.33
		High	2180.00	-27.97
1	QPSK	Low	1930.00	-20.44
		High	2180.00	-27.73
	16QAM	Low	1930.00	-22.66
		High	2180.00	-28.71
	64QAM	Low	1930.00	-21.08
		High	2180.00	-26.67
	256QAM	Low	1930.00	-25.01
		High	2180.00	-26.77
2	QPSK	Low	1930.00	-20.31
		High	2180.00	-27.38
	16QAM	Low	1930.00	-22.81
		High	2180.00	-28.43
	64QAM	Low	1930.00	-21.07
		High	2180.00	-28.23
	256QAM	Low	1930.00	-22.15
		High	2180.00	-29.45
3	QPSK	Low	1930.00	-20.68
		High	2180.00	-27.97
	16QAM	Low	1930.00	-23.23
		High	2180.00	-27.29
	64QAM	Low	1930.00	-21.51
		High	2180.00	-27.91
	256QAM	Low	1930.00	-21.29
		High	2180.00	-28.82

B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_Low

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.51
		High	1995.00	-21.32
	16QAM	Low	2110.00	-30.08
		High	1995.00	-21.48
	64QAM	Low	2110.00	-28.29
		High	1995.00	-20.27
	256QAM	Low	2110.00	-29.34
		High	1995.00	-20.40
1	QPSK	Low	2110.00	-29.21
		High	1995.00	-20.66
	16QAM	Low	2110.00	-28.97
		High	1995.00	-20.70
	64QAM	Low	2110.00	-28.13
		High	1995.00	-21.93
	256QAM	Low	2110.00	-29.43
		High	1995.00	-20.97
2	QPSK	Low	2110.00	-27.47
		High	1995.00	-20.99
	16QAM	Low	2110.00	-30.13
		High	1995.00	-20.83
	64QAM	Low	2110.00	-27.66
		High	1995.00	-20.34
	256QAM	Low	2110.00	-27.02
		High	1995.00	-20.91
3	QPSK	Low	2110.00	-27.18
		High	1995.00	-20.25
	16QAM	Low	2110.00	-28.89
		High	1995.00	-22.39
	64QAM	Low	2110.00	-26.69
		High	1995.00	-23.02
	256QAM	Low	2110.00	-26.82
		High	1995.00	-20.90

B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]_High

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-23.49
		High	2180.00	-28.86
	16QAM	Low	1930.00	-21.53
		High	2180.00	-29.45
	64QAM	Low	1930.00	-20.83
		High	2180.00	-27.29
	256QAM	Low	1930.00	-23.72
		High	2180.00	-27.35
1	QPSK	Low	1930.00	-21.40
		High	2180.00	-28.15
	16QAM	Low	1930.00	-22.61
		High	2180.00	-28.93
	64QAM	Low	1930.00	-20.41
		High	2180.00	-29.22
	256QAM	Low	1930.00	-20.96
		High	2180.00	-29.01
2	QPSK	Low	1930.00	-23.50
		High	2180.00	-29.11
	16QAM	Low	1930.00	-23.03
		High	2180.00	-28.52
	64QAM	Low	1930.00	-22.69
		High	2180.00	-29.03
	256QAM	Low	1930.00	-21.70
		High	2180.00	-28.80
3	QPSK	Low	1930.00	-22.88
		High	2180.00	-27.31
	16QAM	Low	1930.00	-20.73
		High	2180.00	-28.01
	64QAM	Low	1930.00	-20.76
		High	2180.00	-27.19
	256QAM	Low	1930.00	-21.23
		High	2180.00	-28.11

B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_High (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.18
		High	1995.00	-25.86
	16QAM	Low	1930.00	-27.84
		High	1995.00	-25.79
	64QAM	Low	1930.00	-27.82
		High	1995.00	-26.88
256QAM	Low	1930.00	-29.34	
	High	1995.00	-27.09	
1	QPSK	Low	1930.00	-26.80
		High	1995.00	-25.45
	16QAM	Low	1930.00	-24.47
		High	1995.00	-22.51
	64QAM	Low	1930.00	-27.07
		High	1995.00	-25.72
256QAM	Low	1930.00	-26.12	
	High	1995.00	-26.80	
2	QPSK	Low	1930.00	-28.73
		High	1995.00	-26.56
	16QAM	Low	1930.00	-28.42
		High	1995.00	-26.24
	64QAM	Low	1930.00	-26.86
		High	1995.00	-26.83
256QAM	Low	1930.00	-28.28	
	High	1995.00	-27.13	
3	QPSK	Low	1930.00	-30.13
		High	1995.00	-27.26
	16QAM	Low	1930.00	-27.46
		High	1995.00	-26.47
	64QAM	Low	1930.00	-28.17
		High	1995.00	-26.08
256QAM	Low	1930.00	-28.75	
	High	1995.00	-27.11	

B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_High (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	High	2180.00	-27.99
	16QAM	High	2180.00	-28.48
	64QAM	High	2180.00	-27.89
	256QAM	High	2180.00	-29.12
1	QPSK	High	2180.00	-26.46
	16QAM	High	2180.00	-28.44
	64QAM	High	2180.00	-28.19
	256QAM	High	2180.00	-26.74
2	QPSK	High	2180.00	-27.92
	16QAM	High	2180.00	-27.54
	64QAM	High	2180.00	-29.51
	256QAM	High	2180.00	-28.24
3	QPSK	High	2180.00	-27.00
	16QAM	High	2180.00	-28.32
	64QAM	High	2180.00	-26.43
	256QAM	High	2180.00	-26.72

B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_Low (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.97
		High	1995.00	-27.81
	16QAM	Low	1930.00	-27.86
		High	1995.00	-27.03
	64QAM	Low	1930.00	-28.32
		High	1995.00	-26.20
	256QAM	Low	1930.00	-28.17
		High	1995.00	-26.90
1	QPSK	Low	1930.00	-25.54
		High	1995.00	-25.01
	16QAM	Low	1930.00	-25.25
		High	1995.00	-23.67
	64QAM	Low	1930.00	-27.29
		High	1995.00	-25.68
	256QAM	Low	1930.00	-25.88
		High	1995.00	-25.35
2	QPSK	Low	1930.00	-29.57
		High	1995.00	-26.46
	16QAM	Low	1930.00	-28.89
		High	1995.00	-27.18
	64QAM	Low	1930.00	-29.88
		High	1995.00	-26.86
	256QAM	Low	1930.00	-28.10
		High	1995.00	-26.44
3	QPSK	Low	1930.00	-29.22
		High	1995.00	-27.00
	16QAM	Low	1930.00	-27.71
		High	1995.00	-28.07
	64QAM	Low	1930.00	-28.35
		High	1995.00	-27.37
	256QAM	Low	1930.00	-28.66
		High	1995.00	-27.21

B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_Low (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.25
	16QAM	Low	2110.00	-29.29
	64QAM	Low	2110.00	-28.25
	256QAM	Low	2110.00	-28.78
1	QPSK	Low	2110.00	-24.25
	16QAM	Low	2110.00	-28.48
	64QAM	Low	2110.00	-24.69
	256QAM	Low	2110.00	-22.89
2	QPSK	Low	2110.00	-22.96
	16QAM	Low	2110.00	-32.01
	64QAM	Low	2110.00	-24.06
	256QAM	Low	2110.00	-22.41
3	QPSK	Low	2110.00	-29.78
	16QAM	Low	2110.00	-31.27
	64QAM	Low	2110.00	-28.84
	256QAM	Low	2110.00	-30.63

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_High (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.01
		High	1995.00	-26.79
	16QAM	Low	1930.00	-25.83
		High	1995.00	-27.46
	64QAM	Low	1930.00	-27.88
		High	1995.00	-26.16
	256QAM	Low	1930.00	-27.57
		High	1995.00	-25.68
1	QPSK	Low	1930.00	-24.51
		High	1995.00	-25.01
	16QAM	Low	1930.00	-24.33
		High	1995.00	-24.44
	64QAM	Low	1930.00	-26.35
		High	1995.00	-24.47
	256QAM	Low	1930.00	-27.26
		High	1995.00	-25.10
2	QPSK	Low	1930.00	-28.30
		High	1995.00	-27.12
	16QAM	Low	1930.00	-28.02
		High	1995.00	-26.92
	64QAM	Low	1930.00	-29.03
		High	1995.00	-26.63
	256QAM	Low	1930.00	-28.73
		High	1995.00	-27.36
3	QPSK	Low	1930.00	-27.22
		High	1995.00	-24.83
	16QAM	Low	1930.00	-28.24
		High	1995.00	-27.25
	64QAM	Low	1930.00	-25.54
		High	1995.00	-25.82
	256QAM	Low	1930.00	-27.00
		High	1995.00	-24.92

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_High (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	High	2180.00	-29.56
	16QAM	High	2180.00	-27.81
	64QAM	High	2180.00	-27.94
	256QAM	High	2180.00	-27.44
1	QPSK	High	2180.00	-29.11
	16QAM	High	2180.00	-27.50
	64QAM	High	2180.00	-29.00
	256QAM	High	2180.00	-27.53
2	QPSK	High	2180.00	-28.57
	16QAM	High	2180.00	-27.48
	64QAM	High	2180.00	-26.25
	256QAM	High	2180.00	-27.76
3	QPSK	High	2180.00	-29.22
	16QAM	High	2180.00	-27.24
	64QAM	High	2180.00	-29.47
	256QAM	High	2180.00	-29.62

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_Low (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.89
		High	1995.00	-25.91
	16QAM	Low	1930.00	-26.88
		High	1995.00	-25.43
	64QAM	Low	1930.00	-28.13
		High	1995.00	-25.20
	256QAM	Low	1930.00	-27.33
		High	1995.00	-26.46
1	QPSK	Low	1930.00	-23.40
		High	1995.00	-21.85
	16QAM	Low	1930.00	-22.34
		High	1995.00	-21.02
	64QAM	Low	1930.00	-22.60
		High	1995.00	-22.24
	256QAM	Low	1930.00	-22.94
		High	1995.00	-22.18
2	QPSK	Low	1930.00	-27.27
		High	1995.00	-25.79
	16QAM	Low	1930.00	-28.80
		High	1995.00	-26.94
	64QAM	Low	1930.00	-26.21
		High	1995.00	-25.52
	256QAM	Low	1930.00	-27.13
		High	1995.00	-24.77
3	QPSK	Low	1930.00	-26.02
		High	1995.00	-24.99
	16QAM	Low	1930.00	-27.93
		High	1995.00	-27.01
	64QAM	Low	1930.00	-27.33
		High	1995.00	-27.04
	256QAM	Low	1930.00	-27.72
		High	1995.00	-27.57

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]_Low (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.29
	16QAM	Low	2110.00	-29.72
	64QAM	Low	2110.00	-27.85
	256QAM	Low	2110.00	-27.65
1	QPSK	Low	2110.00	-26.50
	16QAM	Low	2110.00	-29.42
	64QAM	Low	2110.00	-25.35
	256QAM	Low	2110.00	-25.36
2	QPSK	Low	2110.00	-30.09
	16QAM	Low	2110.00	-31.17
	64QAM	Low	2110.00	-29.53
	256QAM	Low	2110.00	-29.69
3	QPSK	Low	2110.00	-28.30
	16QAM	Low	2110.00	-29.50
	64QAM	Low	2110.00	-30.99
	256QAM	Low	2110.00	-30.12

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]_High (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.99
		High	1995.00	-25.12
	16QAM	Low	1930.00	-25.96
		High	1995.00	-24.94
	64QAM	Low	1930.00	-27.10
		High	1995.00	-25.90
	256QAM	Low	1930.00	-28.01
		High	1995.00	-25.45
1	QPSK	Low	1930.00	-22.08
		High	1995.00	-20.23
	16QAM	Low	1930.00	-21.42
		High	1995.00	-21.45
	64QAM	Low	1930.00	-21.60
		High	1995.00	-20.12
	256QAM	Low	1930.00	-21.53
		High	1995.00	-20.27
2	QPSK	Low	1930.00	-28.27
		High	1995.00	-25.97
	16QAM	Low	1930.00	-28.20
		High	1995.00	-26.56
	64QAM	Low	1930.00	-27.44
		High	1995.00	-25.76
	256QAM	Low	1930.00	-28.17
		High	1995.00	-27.28
3	QPSK	Low	1930.00	-29.39
		High	1995.00	-27.84
	16QAM	Low	1930.00	-28.48
		High	1995.00	-26.83
	64QAM	Low	1930.00	-28.88
		High	1995.00	-26.04
	256QAM	Low	1930.00	-28.43
		High	1995.00	-27.57

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]_High (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	High	2180.00	-20.15
	16QAM	High	2180.00	-22.05
	64QAM	High	2180.00	-21.94
	256QAM	High	2180.00	-20.60
1	QPSK	High	2180.00	-20.15
	16QAM	High	2180.00	-21.76
	64QAM	High	2180.00	-20.74
	256QAM	High	2180.00	-21.22
2	QPSK	High	2180.00	-21.89
	16QAM	High	2180.00	-20.84
	64QAM	High	2180.00	-21.63
	256QAM	High	2180.00	-20.79
3	QPSK	High	2180.00	-21.23
	16QAM	High	2180.00	-22.67
	64QAM	High	2180.00	-23.66
	256QAM	High	2180.00	-21.26

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]_Low (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.53
		High	1995.00	-27.22
	16QAM	Low	1930.00	-26.73
		High	1995.00	-26.20
	64QAM	Low	1930.00	-28.77
		High	1995.00	-27.00
	256QAM	Low	1930.00	-28.60
		High	1995.00	-26.82
1	QPSK	Low	1930.00	-24.46
		High	1995.00	-23.94
	16QAM	Low	1930.00	-21.14
		High	1995.00	-20.94
	64QAM	Low	1930.00	-24.10
		High	1995.00	-23.52
	256QAM	Low	1930.00	-24.41
		High	1995.00	-23.50
2	QPSK	Low	1930.00	-28.14
		High	1995.00	-25.02
	16QAM	Low	1930.00	-28.41
		High	1995.00	-26.22
	64QAM	Low	1930.00	-28.47
		High	1995.00	-26.25
	256QAM	Low	1930.00	-28.32
		High	1995.00	-27.06
3	QPSK	Low	1930.00	-28.40
		High	1995.00	-26.11
	16QAM	Low	1930.00	-28.30
		High	1995.00	-26.98
	64QAM	Low	1930.00	-27.24
		High	1995.00	-26.63
	256QAM	Low	1930.00	-27.79
		High	1995.00	-25.15

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]_Low (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-20.96
	16QAM	Low	2110.00	-24.18
	64QAM	Low	2110.00	-22.55
	256QAM	Low	2110.00	-22.67
1	QPSK	Low	2110.00	-23.17
	16QAM	Low	2110.00	-23.40
	64QAM	Low	2110.00	-21.52
	256QAM	Low	2110.00	-23.18
2	QPSK	Low	2110.00	-22.12
	16QAM	Low	2110.00	-21.19
	64QAM	Low	2110.00	-21.69
	256QAM	Low	2110.00	-25.27
3	QPSK	Low	2110.00	-23.01
	16QAM	Low	2110.00	-24.00
	64QAM	Low	2110.00	-21.67
	256QAM	Low	2110.00	-24.48

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.27
		High	1995.00	-28.04
	16QAM	Low	1930.00	-26.22
		High	1995.00	-26.24
	64QAM	Low	1930.00	-28.47
		High	1995.00	-28.33
	256QAM	Low	1930.00	-28.93
		High	1995.00	-27.47
1	QPSK	Low	1930.00	-22.93
		High	1995.00	-22.78
	16QAM	Low	1930.00	-26.00
		High	1995.00	-24.03
	64QAM	Low	1930.00	-23.49
		High	1995.00	-22.96
	256QAM	Low	1930.00	-24.01
		High	1995.00	-23.58
2	QPSK	Low	1930.00	-28.19
		High	1995.00	-26.65
	16QAM	Low	1930.00	-28.05
		High	1995.00	-27.83
	64QAM	Low	1930.00	-28.03
		High	1995.00	-26.38
	256QAM	Low	1930.00	-28.04
		High	1995.00	-25.82
3	QPSK	Low	1930.00	-28.11
		High	1995.00	-27.03
	16QAM	Low	1930.00	-27.71
		High	1995.00	-26.56
	64QAM	Low	1930.00	-29.18
		High	1995.00	-26.82
	256QAM	Low	1930.00	-28.17
		High	1995.00	-26.87

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-28.54
		High	2180.00	-21.83
	16QAM	Low	2110.00	-29.40
		High	2180.00	-21.86
	64QAM	Low	2110.00	-28.77
		High	2180.00	-26.43
	256QAM	Low	2110.00	-28.03
		High	2180.00	-20.92
1	QPSK	Low	2110.00	-28.70
		High	2180.00	-22.71
	16QAM	Low	2110.00	-29.81
		High	2180.00	-22.26
	64QAM	Low	2110.00	-29.01
		High	2180.00	-21.51
	256QAM	Low	2110.00	-28.51
		High	2180.00	-22.15
2	QPSK	Low	2110.00	-28.56
		High	2180.00	-22.11
	16QAM	Low	2110.00	-28.42
		High	2180.00	-20.90
	64QAM	Low	2110.00	-29.89
		High	2180.00	-21.50
	256QAM	Low	2110.00	-27.51
		High	2180.00	-27.61
3	QPSK	Low	2110.00	-29.73
		High	2180.00	-21.39
	16QAM	Low	2110.00	-30.37
		High	2180.00	-23.16
	64QAM	Low	2110.00	-28.67
		High	2180.00	-21.32
	256QAM	Low	2110.00	-30.63
		High	2180.00	-22.33

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.38
		High	1995.00	-27.05
	16QAM	Low	1930.00	-26.88
		High	1995.00	-25.70
	64QAM	Low	1930.00	-27.38
		High	1995.00	-26.07
	256QAM	Low	1930.00	-26.57
		High	1995.00	-25.76
1	QPSK	Low	1930.00	-23.98
		High	1995.00	-23.19
	16QAM	Low	1930.00	-23.49
		High	1995.00	-23.76
	64QAM	Low	1930.00	-24.34
		High	1995.00	-23.27
	256QAM	Low	1930.00	-24.35
		High	1995.00	-24.04
2	QPSK	Low	1930.00	-28.30
		High	1995.00	-25.32
	16QAM	Low	1930.00	-27.30
		High	1995.00	-26.63
	64QAM	Low	1930.00	-27.98
		High	1995.00	-26.33
	256QAM	Low	1930.00	-28.01
		High	1995.00	-26.38
3	QPSK	Low	1930.00	-29.00
		High	1995.00	-26.98
	16QAM	Low	1930.00	-29.29
		High	1995.00	-27.35
	64QAM	Low	1930.00	-28.28
		High	1995.00	-26.64
	256QAM	Low	1930.00	-28.46
		High	1995.00	-27.51

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.87
		High	2180.00	-21.64
	16QAM	Low	2110.00	-29.12
		High	2180.00	-20.11
	64QAM	Low	2110.00	-29.28
		High	2180.00	-21.04
	256QAM	Low	2110.00	-28.73
		High	2180.00	-25.43
1	QPSK	Low	2110.00	-31.21
		High	2180.00	-27.38
	16QAM	Low	2110.00	-29.40
		High	2180.00	-23.94
	64QAM	Low	2110.00	-29.65
		High	2180.00	-21.62
	256QAM	Low	2110.00	-30.84
		High	2180.00	-22.81
2	QPSK	Low	2110.00	-30.18
		High	2180.00	-22.31
	16QAM	Low	2110.00	-31.99
		High	2180.00	-23.46
	64QAM	Low	2110.00	-28.98
		High	2180.00	-25.14
	256QAM	Low	2110.00	-29.72
		High	2180.00	-20.11
3	QPSK	Low	2110.00	-30.61
		High	2180.00	-22.77
	16QAM	Low	2110.00	-29.97
		High	2180.00	-24.27
	64QAM	Low	2110.00	-29.21
		High	2180.00	-21.22
	256QAM	Low	2110.00	-30.21
		High	2180.00	-23.82

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-27.32
		High	1995.00	-24.88
	16QAM	Low	1930.00	-26.78
		High	1995.00	-26.86
	64QAM	Low	1930.00	-26.93
		High	1995.00	-25.57
	256QAM	Low	1930.00	-27.73
		High	1995.00	-25.69
1	QPSK	Low	1930.00	-22.08
		High	1995.00	-20.15
	16QAM	Low	1930.00	-21.29
		High	1995.00	-20.33
	64QAM	Low	1930.00	-21.73
		High	1995.00	-21.23
	256QAM	Low	1930.00	-21.51
		High	1995.00	-20.74
2	QPSK	Low	1930.00	-28.38
		High	1995.00	-27.41
	16QAM	Low	1930.00	-29.25
		High	1995.00	-25.95
	64QAM	Low	1930.00	-27.69
		High	1995.00	-26.94
	256QAM	Low	1930.00	-28.28
		High	1995.00	-26.43
3	QPSK	Low	1930.00	-27.13
		High	1995.00	-27.40
	16QAM	Low	1930.00	-27.19
		High	1995.00	-27.48
	64QAM	Low	1930.00	-28.00
		High	1995.00	-26.18
	256QAM	Low	1930.00	-28.37
		High	1995.00	-27.96

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-22.73
		High	2180.00	-21.63
	16QAM	Low	2110.00	-23.99
		High	2180.00	-23.69
	64QAM	Low	2110.00	-23.61
		High	2180.00	-23.01
256QAM	Low	2110.00	-20.83	
	High	2180.00	-23.05	
1	QPSK	Low	2110.00	-24.22
		High	2180.00	-23.09
	16QAM	Low	2110.00	-23.62
		High	2180.00	-22.80
	64QAM	Low	2110.00	-21.80
		High	2180.00	-20.56
256QAM	Low	2110.00	-22.30	
	High	2180.00	-25.58	
2	QPSK	Low	2110.00	-21.81
		High	2180.00	-21.48
	16QAM	Low	2110.00	-22.70
		High	2180.00	-23.35
	64QAM	Low	2110.00	-24.75
		High	2180.00	-24.02
256QAM	Low	2110.00	-23.25	
	High	2180.00	-22.76	
3	QPSK	Low	2110.00	-21.99
		High	2180.00	-22.58
	16QAM	Low	2110.00	-23.61
		High	2180.00	-23.00
	64QAM	Low	2110.00	-20.93
		High	2180.00	-23.36
256QAM	Low	2110.00	-21.83	
	High	2180.00	-22.72	

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-30.95
		High	1995.00	-23.55
	16QAM	Low	1930.00	-29.20
		High	1995.00	-20.56
	64QAM	Low	1930.00	-29.83
		High	1995.00	-21.25
256QAM	Low	1930.00	-29.60	
	High	1995.00	-20.09	
1	QPSK	Low	1930.00	-27.15
		High	1995.00	-21.33
	16QAM	Low	1930.00	-27.16
		High	1995.00	-20.36
	64QAM	Low	1930.00	-27.66
		High	1995.00	-20.34
256QAM	Low	1930.00	-27.60	
	High	1995.00	-20.34	
2	QPSK	Low	1930.00	-31.46
		High	1995.00	-25.10
	16QAM	Low	1930.00	-30.61
		High	1995.00	-22.38
	64QAM	Low	1930.00	-31.00
		High	1995.00	-20.79
256QAM	Low	1930.00	-30.95	
	High	1995.00	-23.26	
3	QPSK	Low	1930.00	-30.10
		High	1995.00	-21.76
	16QAM	Low	1930.00	-31.84
		High	1995.00	-20.79
	64QAM	Low	1930.00	-31.37
		High	1995.00	-20.12
256QAM	Low	1930.00	-31.52	
	High	1995.00	-20.23	

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-28.93
		High	2180.00	-24.96
	16QAM	Low	2110.00	-28.78
		High	2180.00	-21.03
	64QAM	Low	2110.00	-28.71
		High	2180.00	-20.89
256QAM	Low	2110.00	-28.47	
	High	2180.00	-21.30	
1	QPSK	Low	2110.00	-21.35
		High	2180.00	-24.13
	16QAM	Low	2110.00	-29.15
		High	2180.00	-23.04
	64QAM	Low	2110.00	-26.41
		High	2180.00	-22.96
256QAM	Low	2110.00	-26.87	
	High	2180.00	-20.82	
2	QPSK	Low	2110.00	-28.31
		High	2180.00	-21.06
	16QAM	Low	2110.00	-27.80
		High	2180.00	-20.07
	64QAM	Low	2110.00	-29.69
		High	2180.00	-21.57
256QAM	Low	2110.00	-29.67	
	High	2180.00	-21.18	
3	QPSK	Low	2110.00	-27.66
		High	2180.00	-21.29
	16QAM	Low	2110.00	-30.11
		High	2180.00	-21.28
	64QAM	Low	2110.00	-27.97
		High	2180.00	-20.97
256QAM	Low	2110.00	-29.05	
	High	2180.00	-21.54	

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.62
		High	1995.00	-23.73
	16QAM	Low	1930.00	-29.06
		High	1995.00	-21.41
	64QAM	Low	1930.00	-29.05
		High	1995.00	-22.05
256QAM	Low	1930.00	-29.12	
	High	1995.00	-22.30	
1	QPSK	Low	1930.00	-27.17
		High	1995.00	-20.77
	16QAM	Low	1930.00	-26.24
		High	1995.00	-20.31
	64QAM	Low	1930.00	-27.29
		High	1995.00	-20.32
256QAM	Low	1930.00	-26.24	
	High	1995.00	-20.78	
2	QPSK	Low	1930.00	-32.02
		High	1995.00	-21.52
	16QAM	Low	1930.00	-33.19
		High	1995.00	-22.77
	64QAM	Low	1930.00	-30.26
		High	1995.00	-21.10
256QAM	Low	1930.00	-33.71	
	High	1995.00	-23.35	
3	QPSK	Low	1930.00	-31.44
		High	1995.00	-21.27
	16QAM	Low	1930.00	-31.82
		High	1995.00	-20.45
	64QAM	Low	1930.00	-31.83
		High	1995.00	-20.62
256QAM	Low	1930.00	-31.43	
	High	1995.00	-21.44	

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.69
		High	2180.00	-20.47
	16QAM	Low	2110.00	-29.78
		High	2180.00	-24.55
	64QAM	Low	2110.00	-28.80
		High	2180.00	-24.08
	256QAM	Low	2110.00	-28.76
		High	2180.00	-22.80
1	QPSK	Low	2110.00	-28.97
		High	2180.00	-25.61
	16QAM	Low	2110.00	-30.10
		High	2180.00	-21.64
	64QAM	Low	2110.00	-30.39
		High	2180.00	-24.64
	256QAM	Low	2110.00	-29.21
		High	2180.00	-23.55
2	QPSK	Low	2110.00	-31.25
		High	2180.00	-26.38
	16QAM	Low	2110.00	-30.91
		High	2180.00	-21.95
	64QAM	Low	2110.00	-31.39
		High	2180.00	-20.98
	256QAM	Low	2110.00	-30.13
		High	2180.00	-20.67
3	QPSK	Low	2110.00	-29.53
		High	2180.00	-20.05
	16QAM	Low	2110.00	-29.14
		High	2180.00	-22.90
	64QAM	Low	2110.00	-30.07
		High	2180.00	-21.61
	256QAM	Low	2110.00	-29.58
		High	2180.00	-22.07

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-31.20
		High	1995.00	-21.19
	16QAM	Low	1930.00	-29.98
		High	1995.00	-22.81
	64QAM	Low	1930.00	-30.41
		High	1995.00	-21.79
	256QAM	Low	1930.00	-29.87
		High	1995.00	-24.95
1	QPSK	Low	1930.00	-27.06
		High	1995.00	-20.35
	16QAM	Low	1930.00	-26.57
		High	1995.00	-20.48
	64QAM	Low	1930.00	-26.98
		High	1995.00	-20.08
	256QAM	Low	1930.00	-26.73
		High	1995.00	-20.27
2	QPSK	Low	1930.00	-31.40
		High	1995.00	-23.69
	16QAM	Low	1930.00	-31.95
		High	1995.00	-24.28
	64QAM	Low	1930.00	-30.02
		High	1995.00	-19.93
	256QAM	Low	1930.00	-31.85
		High	1995.00	-20.10
3	QPSK	Low	1930.00	-30.81
		High	1995.00	-21.42
	16QAM	Low	1930.00	-27.71
		High	1995.00	-21.37
	64QAM	Low	1930.00	-30.87
		High	1995.00	-21.87
	256QAM	Low	1930.00	-30.27
		High	1995.00	-20.40

B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-22.06
		High	2180.00	-21.80
	16QAM	Low	2110.00	-20.39
		High	2180.00	-24.76
	64QAM	Low	2110.00	-23.10
		High	2180.00	-22.62
	256QAM	Low	2110.00	-20.91
		High	2180.00	-20.25
1	QPSK	Low	2110.00	-20.76
		High	2180.00	-21.62
	16QAM	Low	2110.00	-20.81
		High	2180.00	-20.11
	64QAM	Low	2110.00	-23.80
		High	2180.00	-21.39
	256QAM	Low	2110.00	-20.37
		High	2180.00	-21.33
2	QPSK	Low	2110.00	-22.98
		High	2180.00	-21.51
	16QAM	Low	2110.00	-23.16
		High	2180.00	-21.94
	64QAM	Low	2110.00	-22.75
		High	2180.00	-22.58
	256QAM	Low	2110.00	-21.82
		High	2180.00	-22.10
3	QPSK	Low	2110.00	-22.35
		High	2180.00	-20.72
	16QAM	Low	2110.00	-23.19
		High	2180.00	-23.80
	64QAM	Low	2110.00	-21.63
		High	2180.00	-20.79
	256QAM	Low	2110.00	-24.05
		High	2180.00	-20.91

Plot Data of Out-of-band Unwanted Emissions

Antenna 2 / B25 LTE 5 MHz 1 Carrier / QPSK / Low



Antenna 0 / B25 LTE 5 MHz 1 Carrier / 256QAM / High



Antenna 1 / B25 LTE 10 MHz 1 Carrier / 64QAM / Low



Antenna 1 / B25 LTE 10 MHz 1 Carrier / 256QAM / High



Antenna 0 / B25 LTE 15 MHz 1 Carrier / QPSK / Low



Antenna 3 / B25 LTE 15 MHz 1 Carrier / 64QAM / High



Antenna 2 / B25 LTE 20 MHz 1 Carrier / 64QAM / Low



Antenna 0 / B25 LTE 20 MHz 1 Carrier / QPSK / High



Antenna 3 / B66 LTE 5 MHz 1 Carrier / QPSK / Low



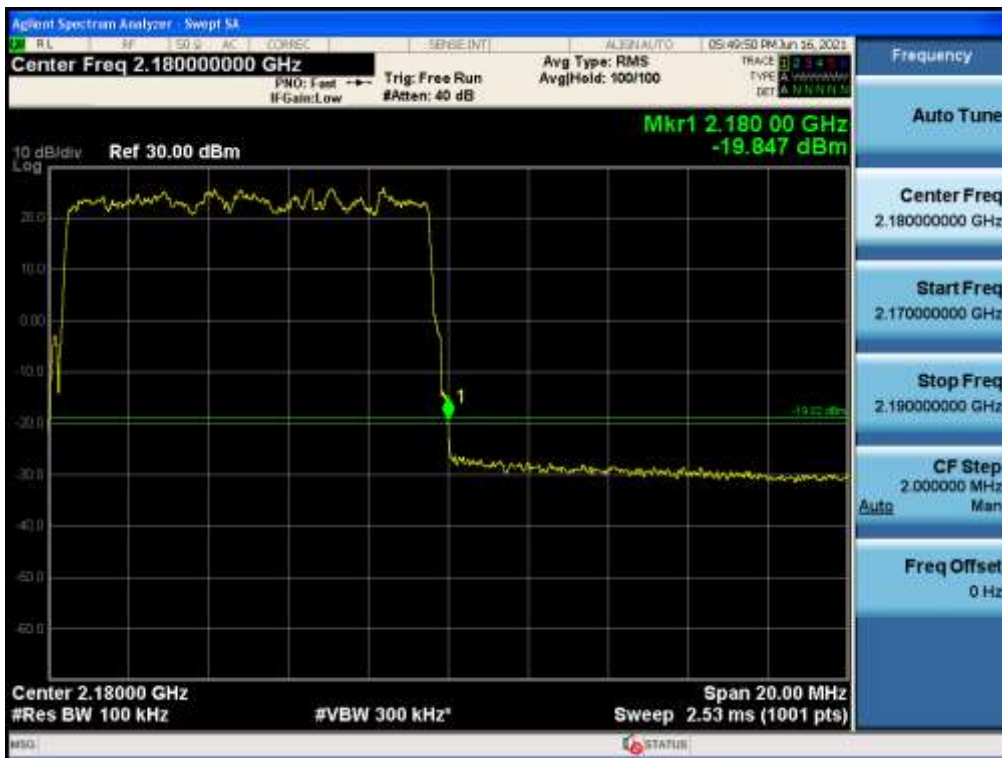
Antenna 1 / B66 LTE 5 MHz 1 Carrier / 16QAM / High



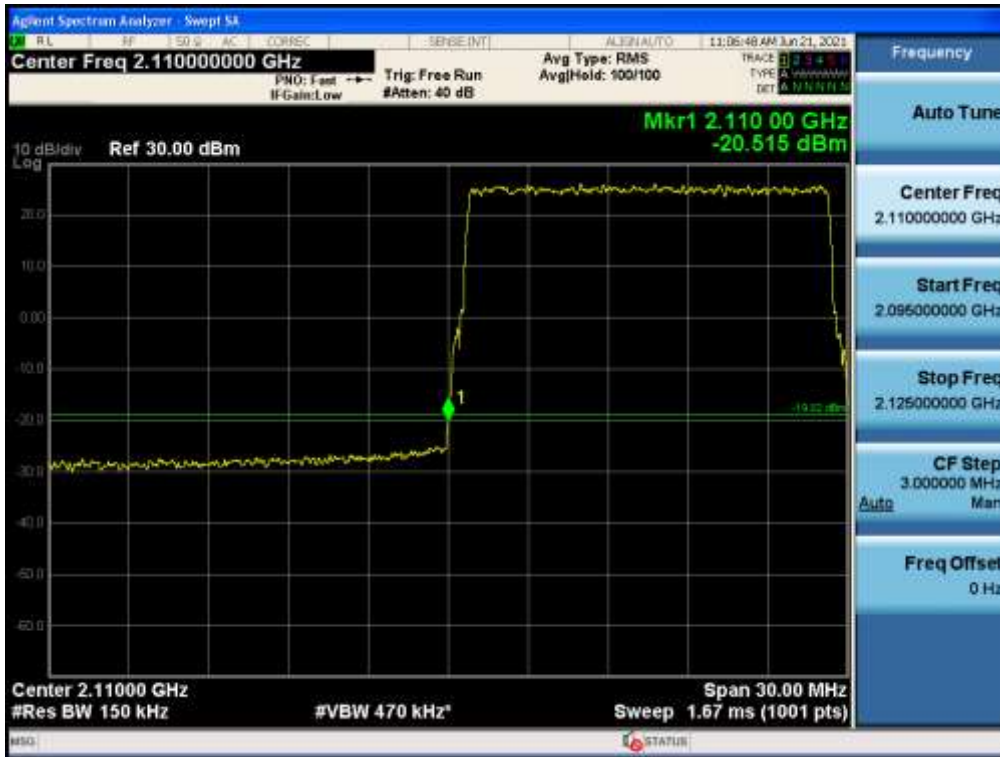
Antenna 0 / B66 LTE 10 MHz 1 Carrier / 16QAM / Low



Antenna 3 / B66 LTE 10 MHz 1 Carrier / 16QAM / High



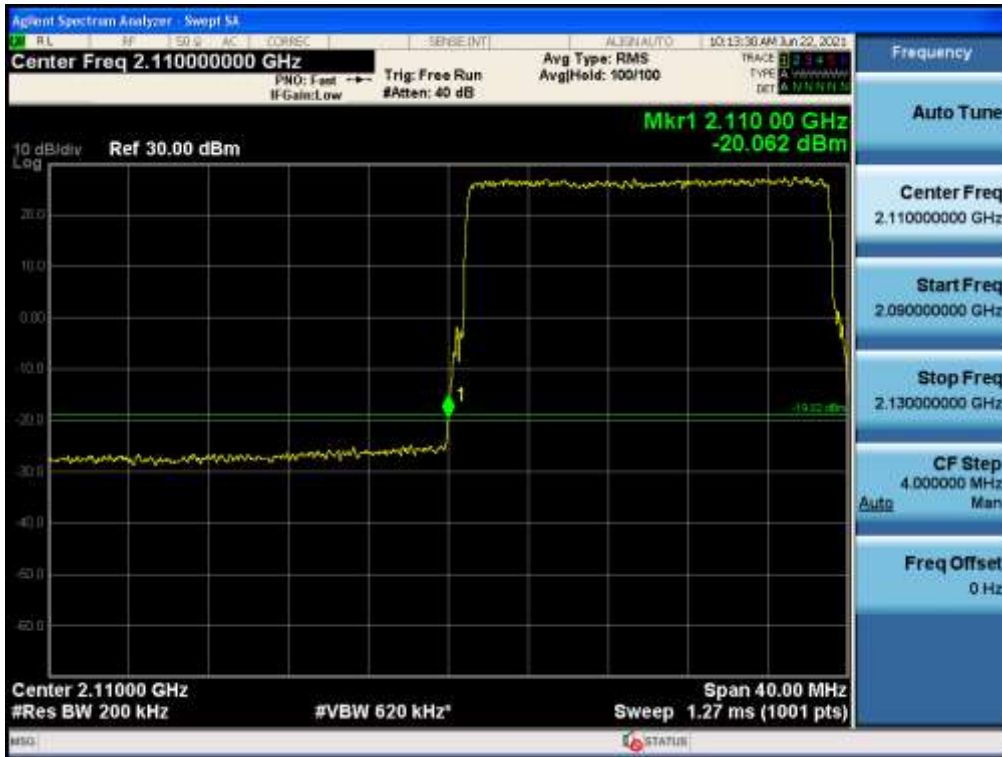
Antenna 1 / B66 LTE 15 MHz 1 Carrier / QPSK / Low



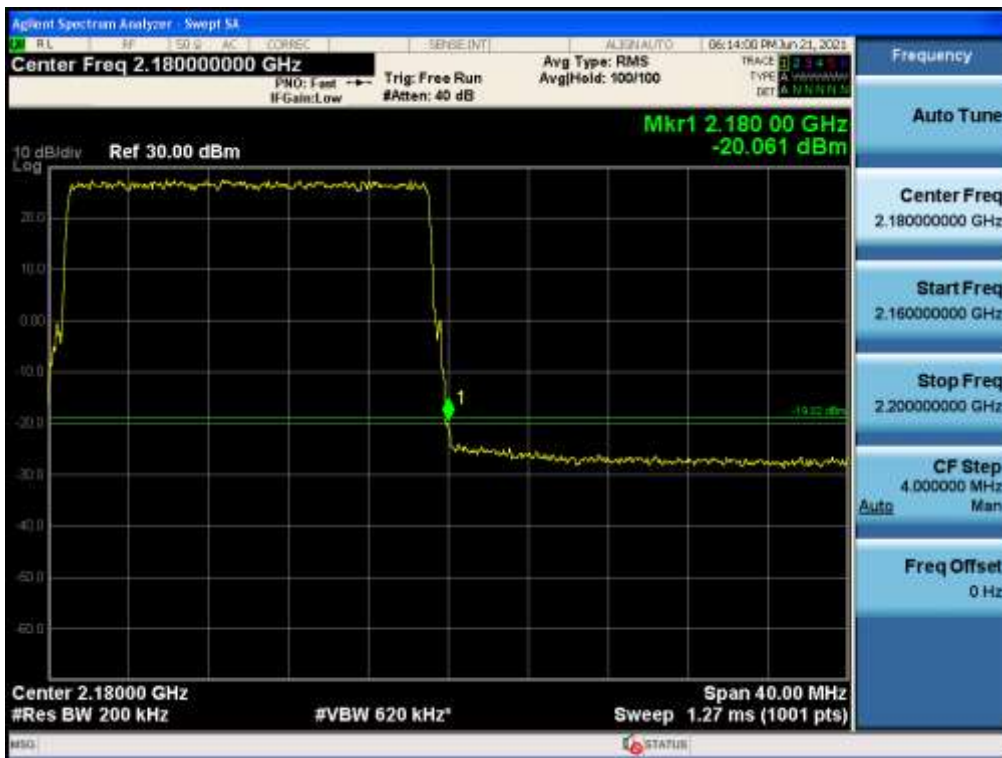
Antenna 3 / B66 LTE 15 MHz 1 Carrier / 256QAM / High



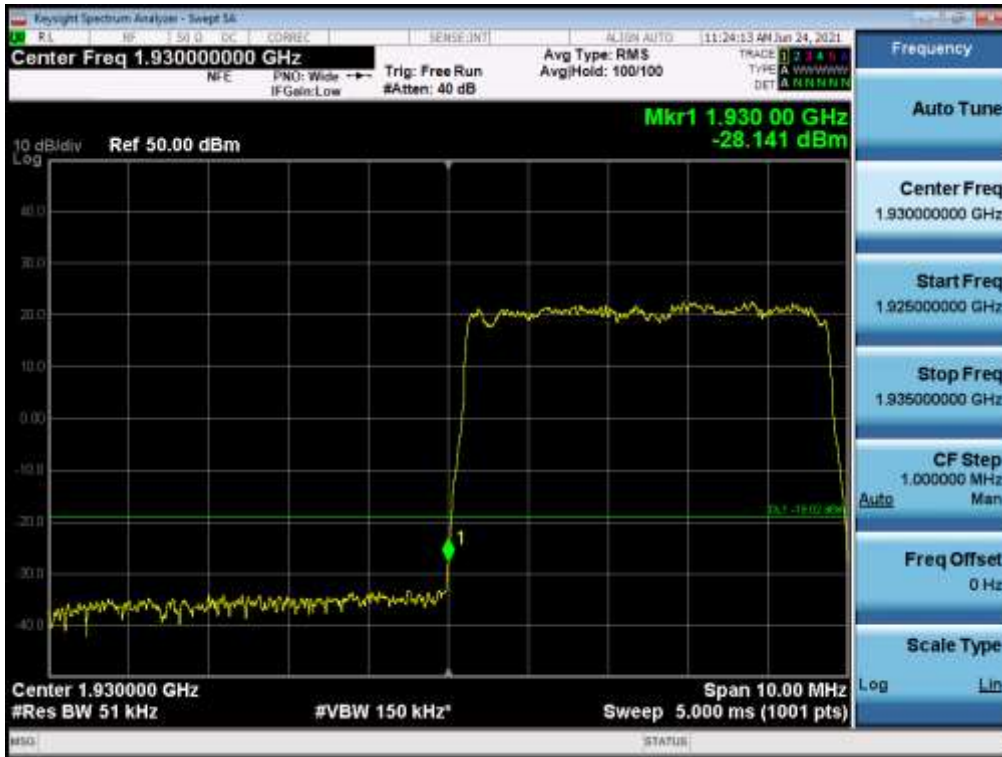
Antenna 2 / B66 LTE 20 MHz 1 Carrier / 256QAM / Low



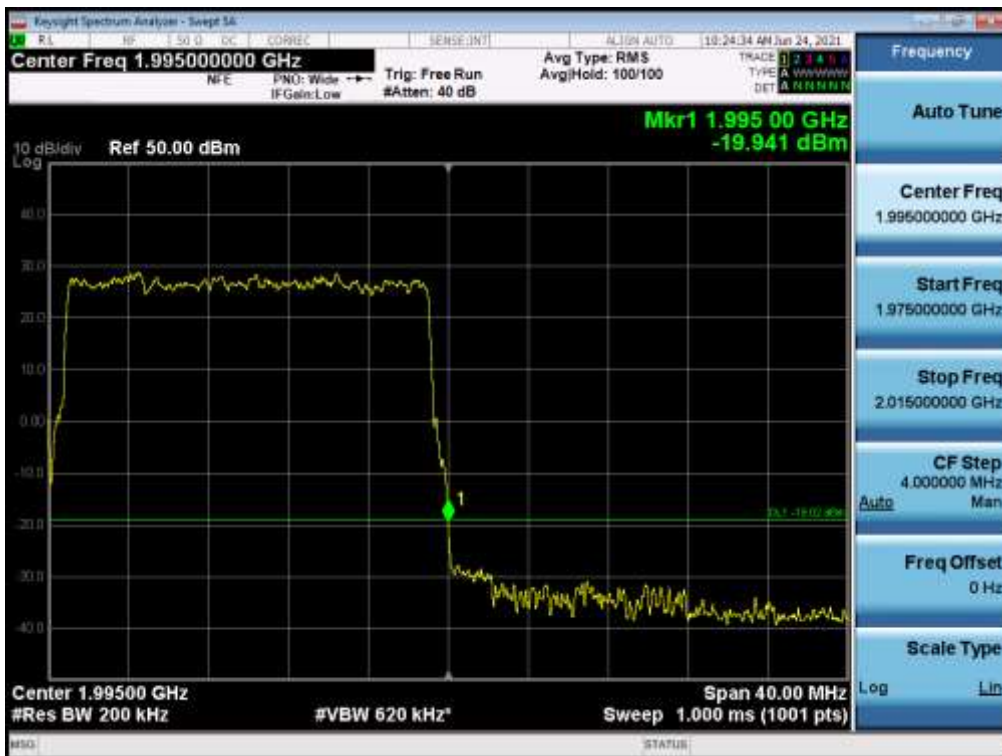
Antenna 3 / B66 LTE 20 MHz 1 Carrier / 64QAM / High



Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



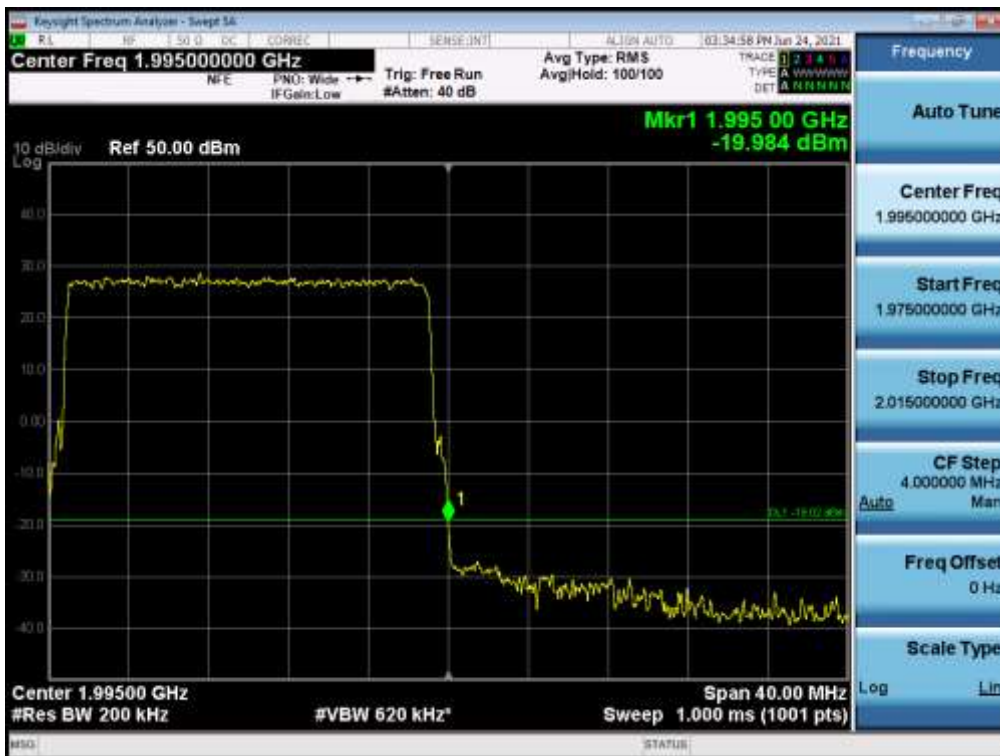
Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 1 / B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



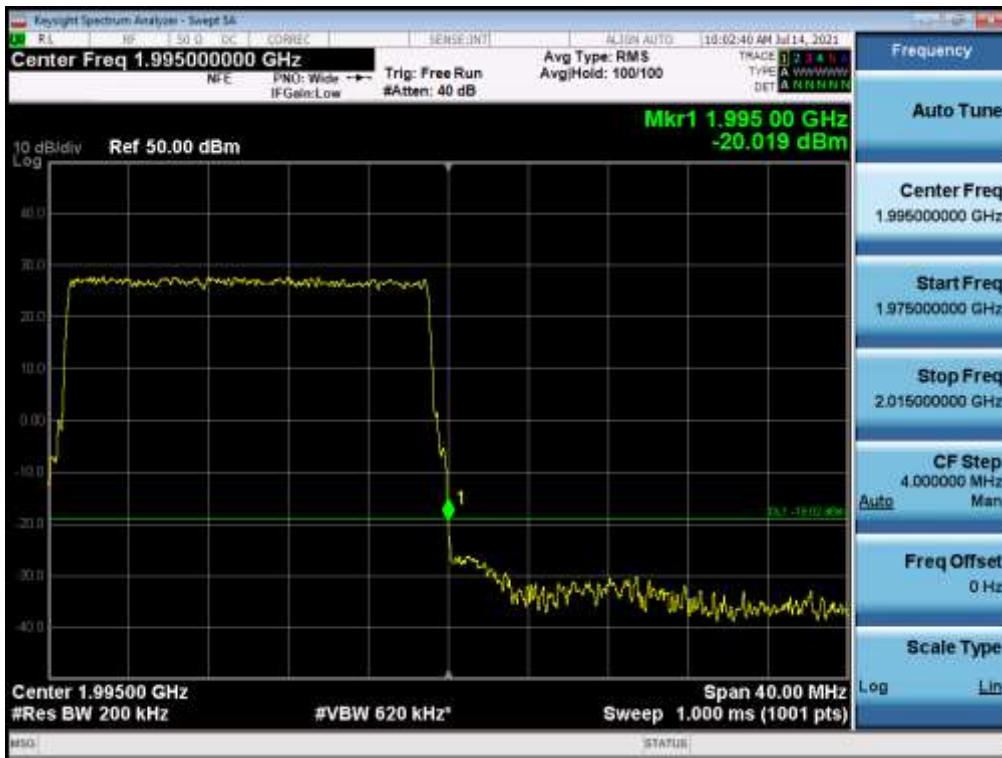
Antenna 1 / (2 Port) B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



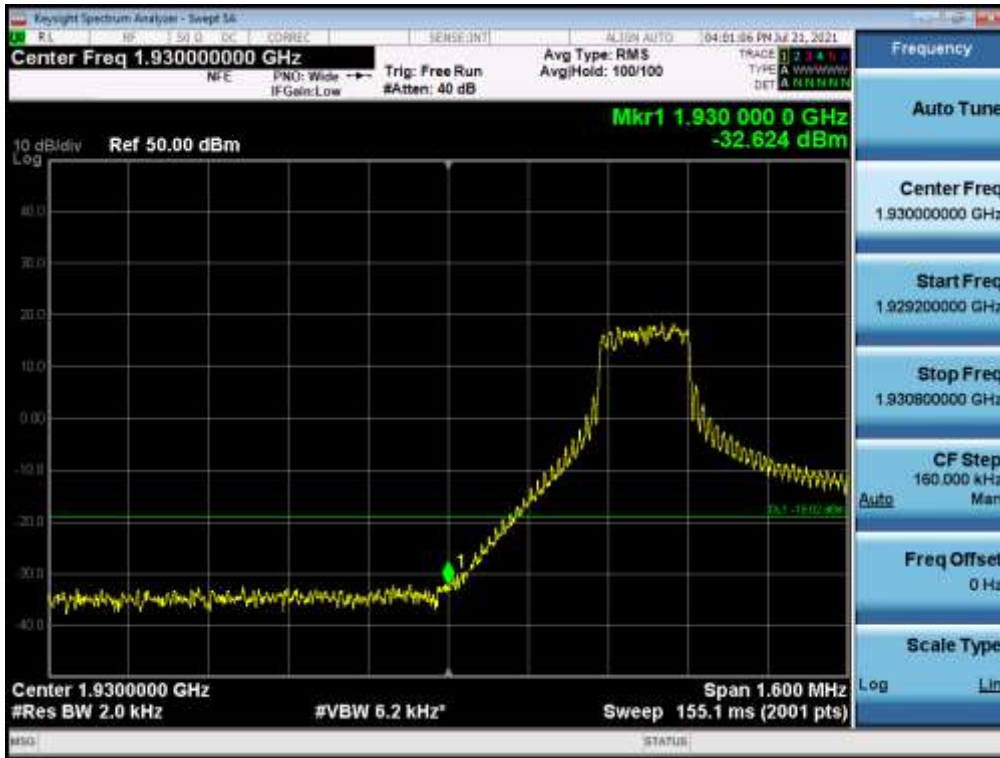
Antenna 3 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



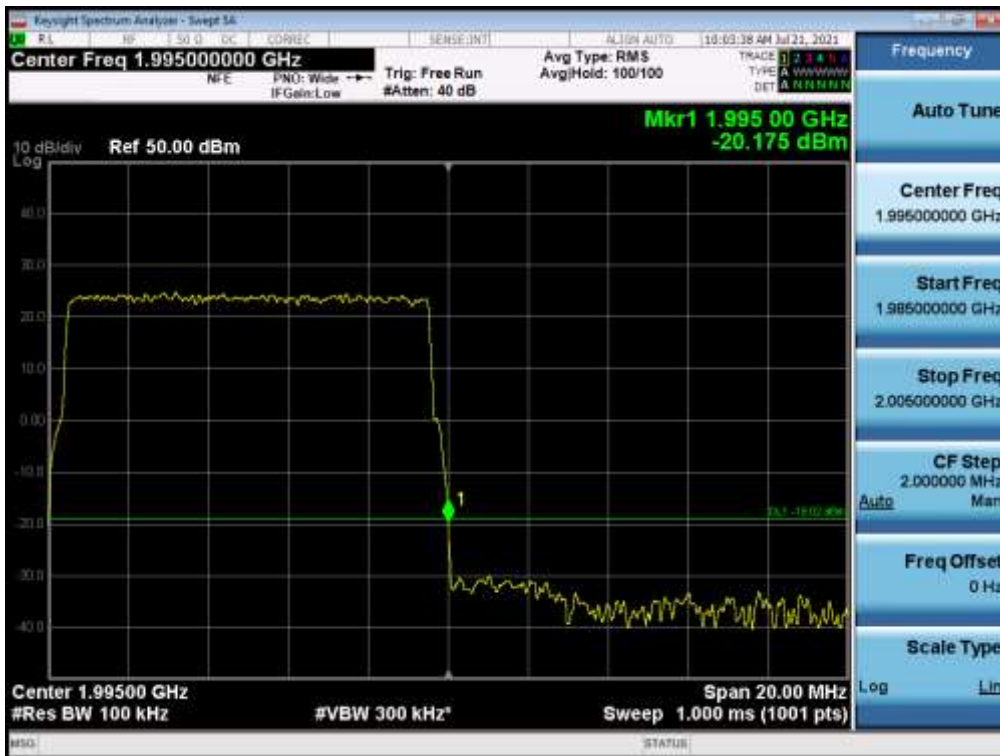
Antenna 3 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



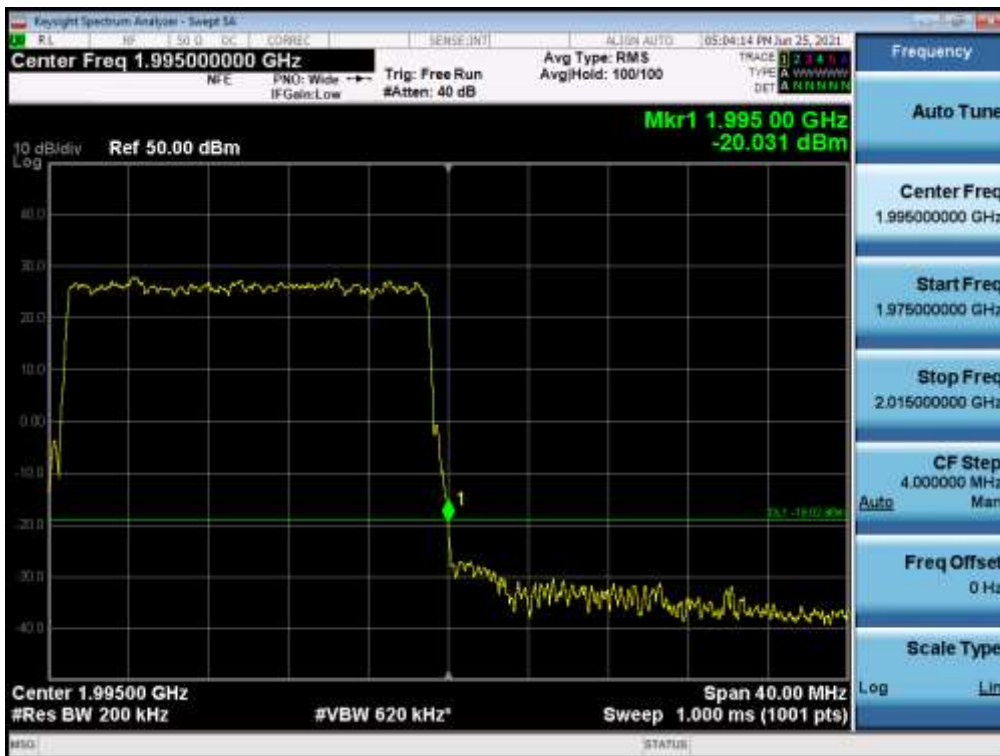
Antenna 3 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



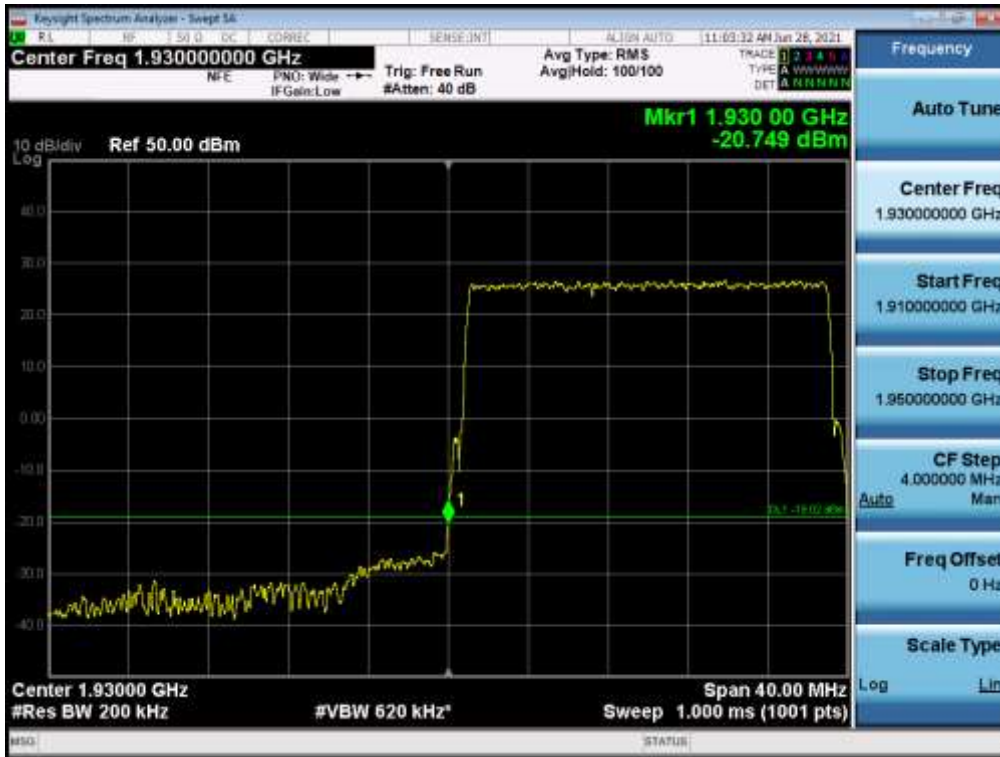
Antenna 1 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



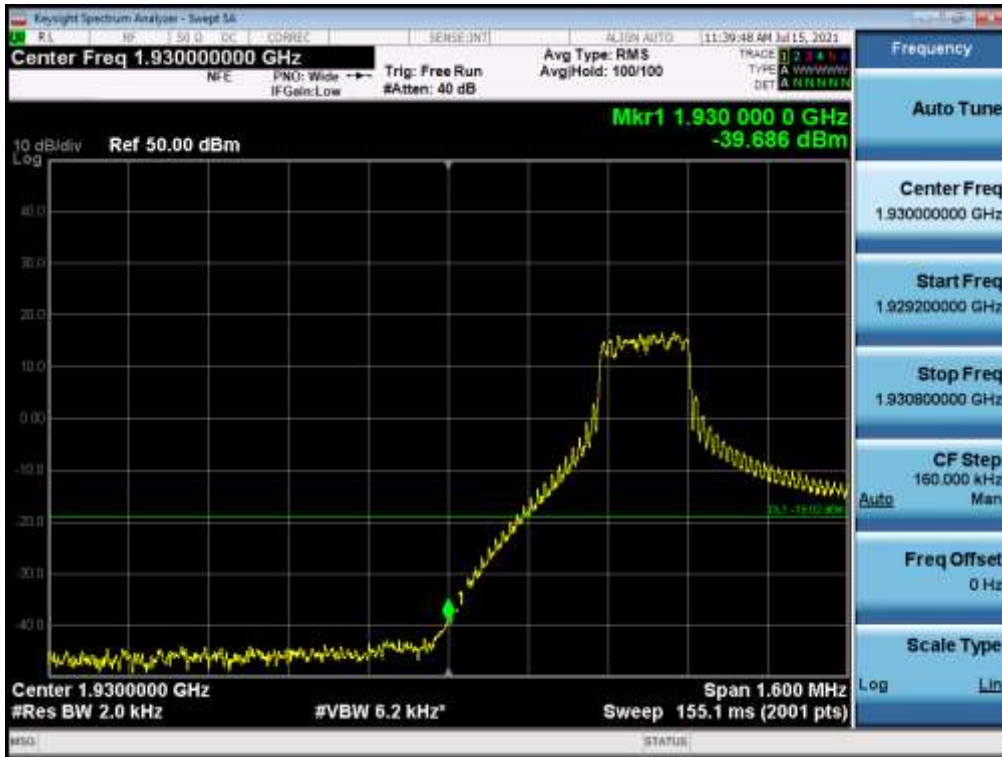
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



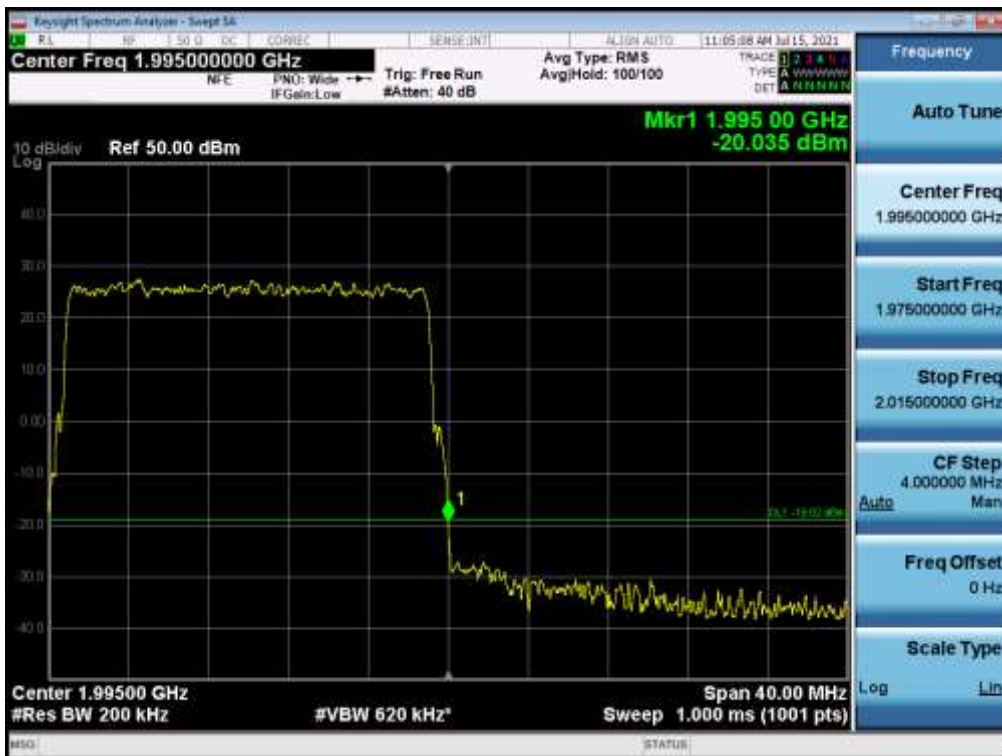
Antenna 3 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



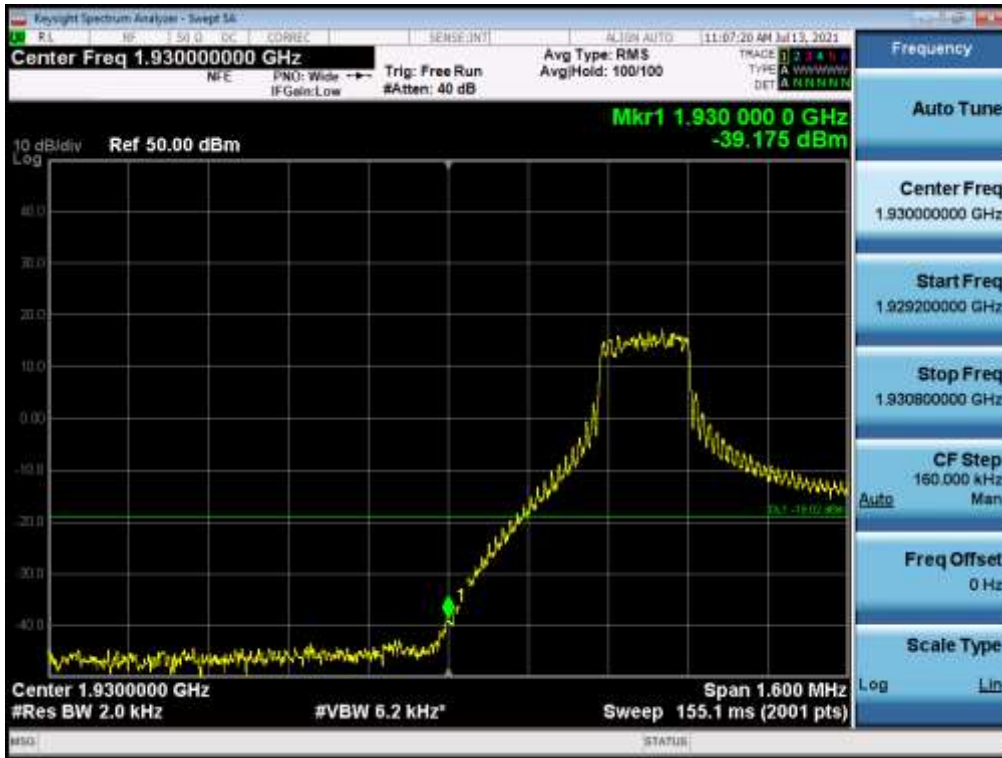
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



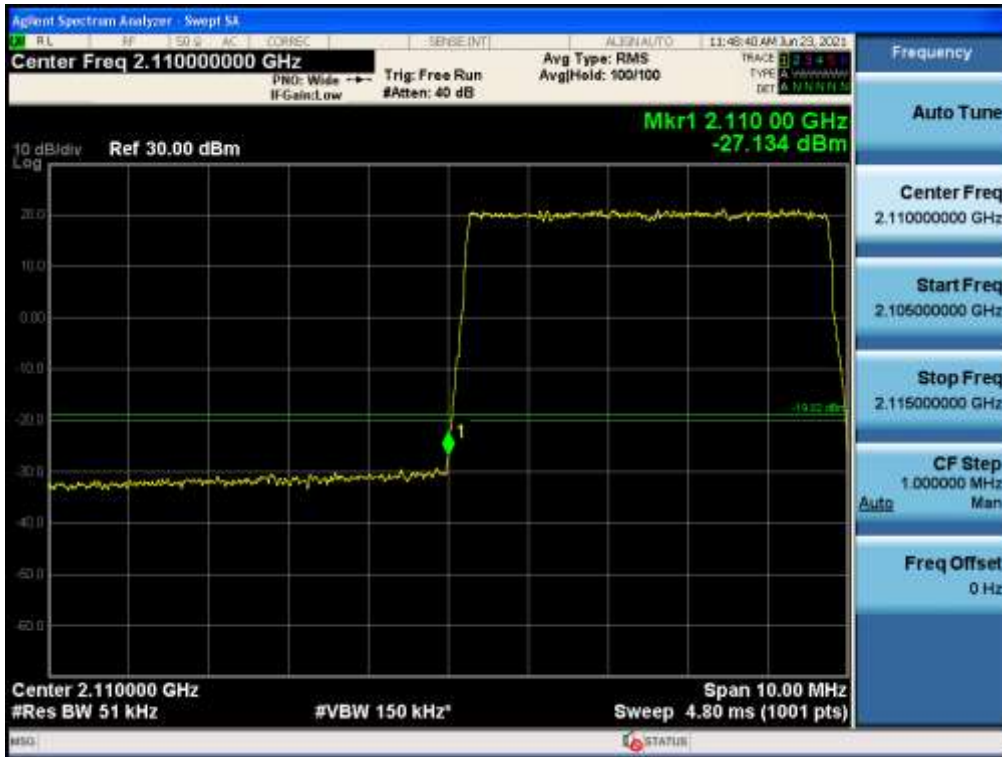
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



Antenna 3 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



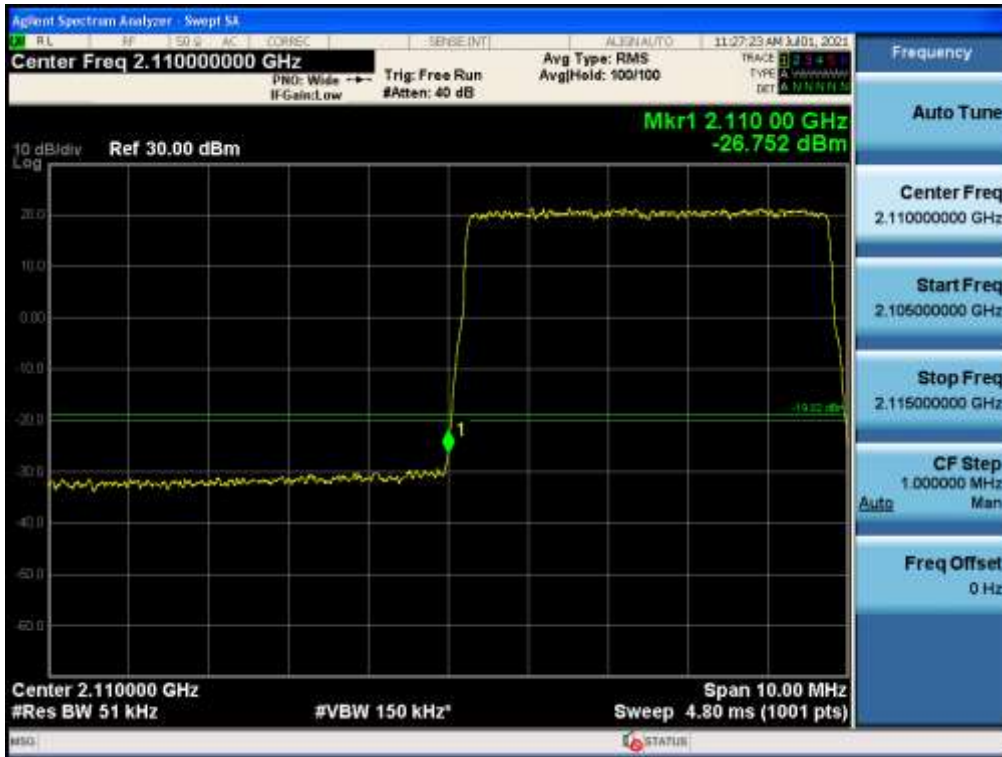
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



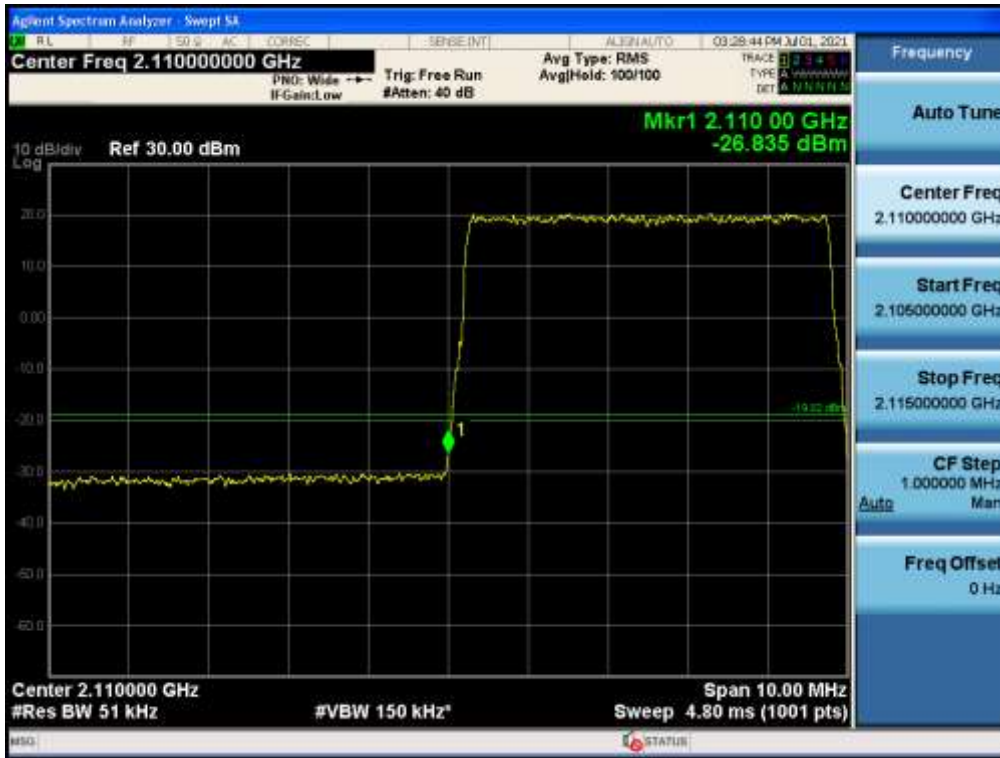
Antenna 2 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



Antenna 3 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



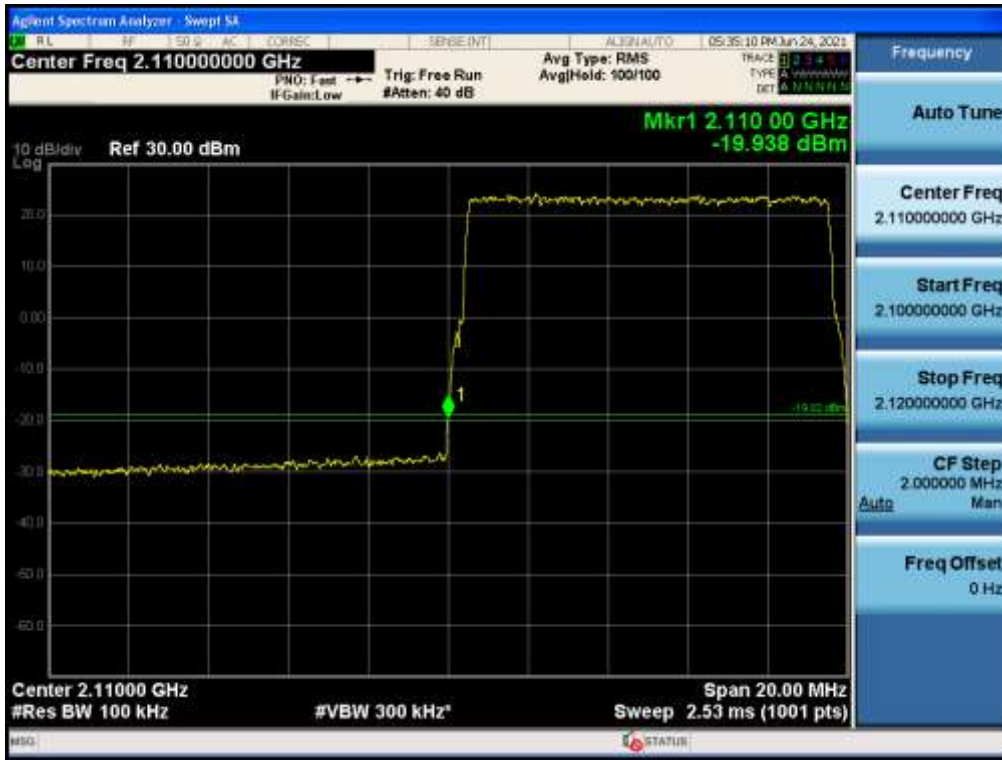
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



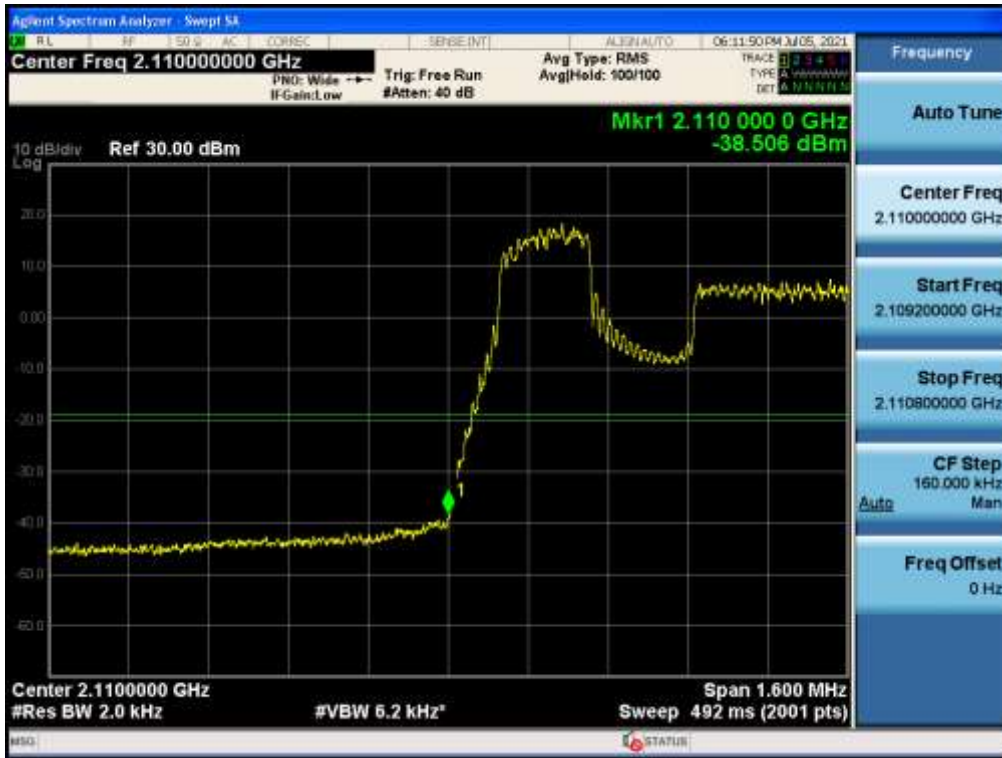
Antenna 2 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



Antenna 1 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



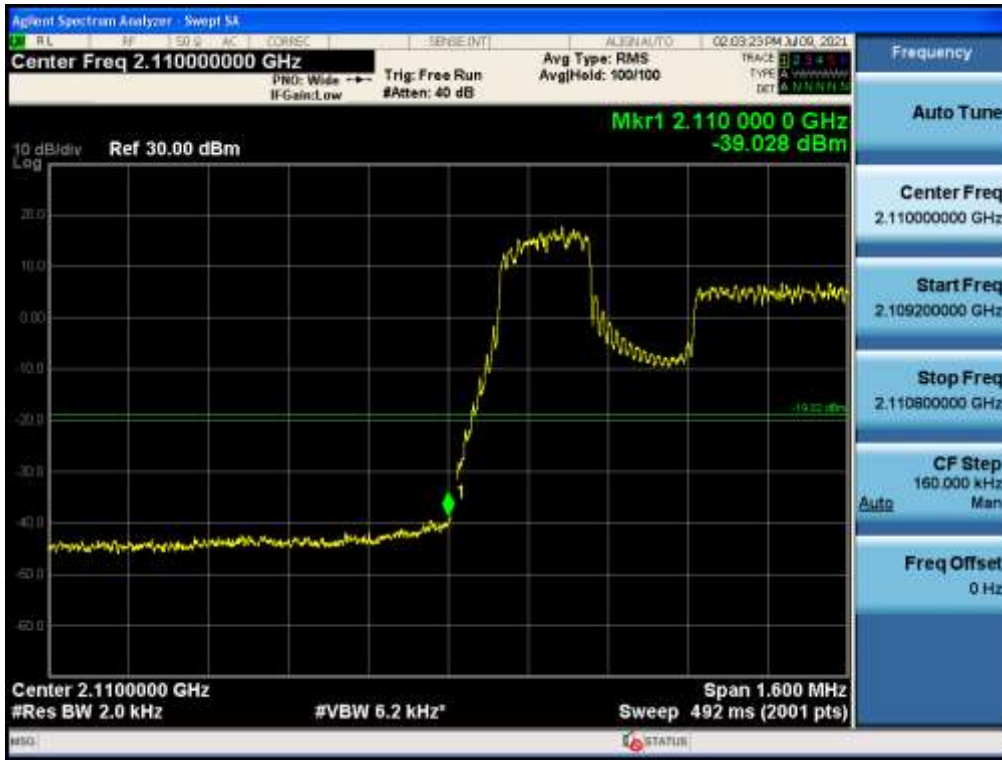
Antenna 0 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



Antenna 0 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 1 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



Antenna 0 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

