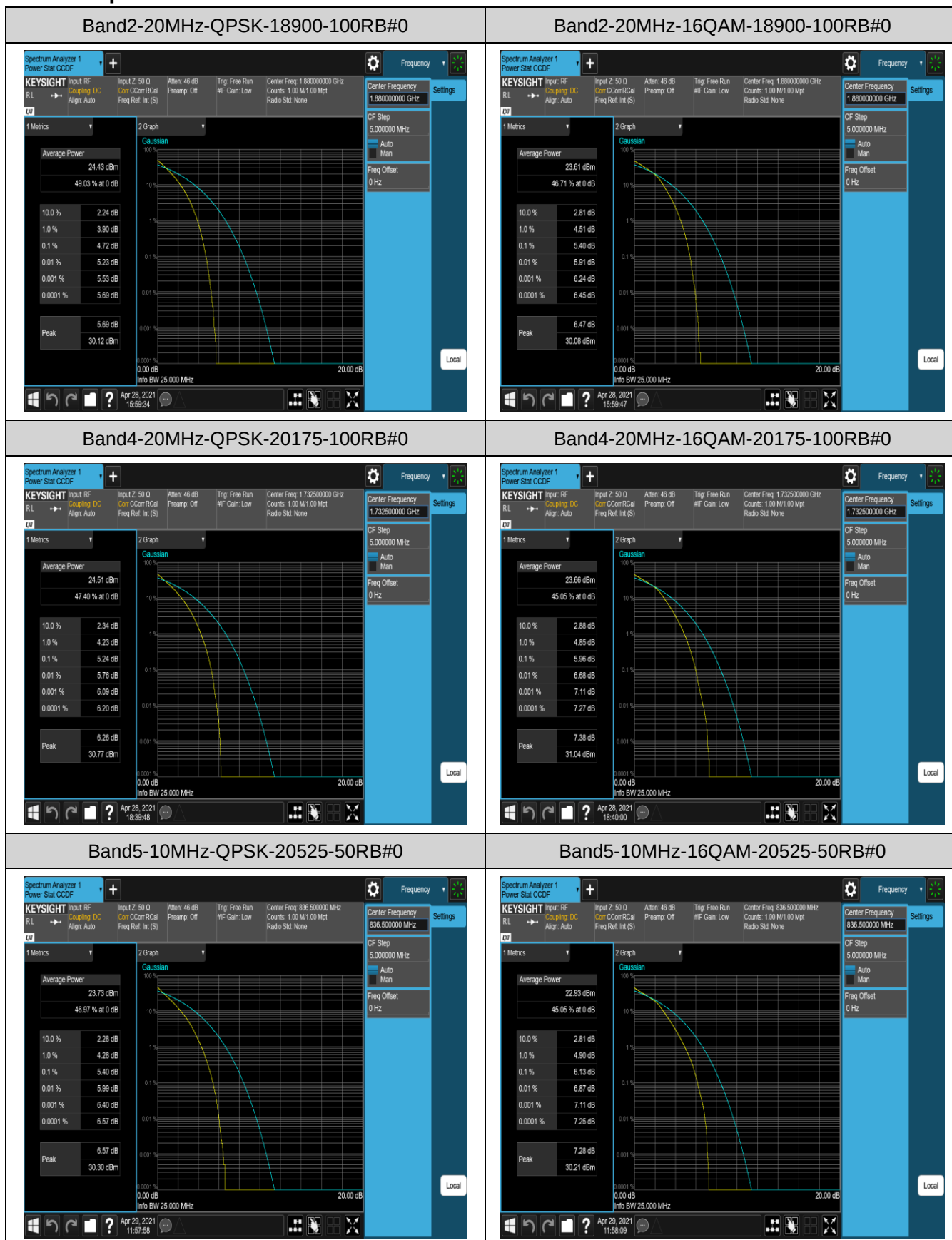


Appendix B: Peak-to-Average Ratio(CCDF)

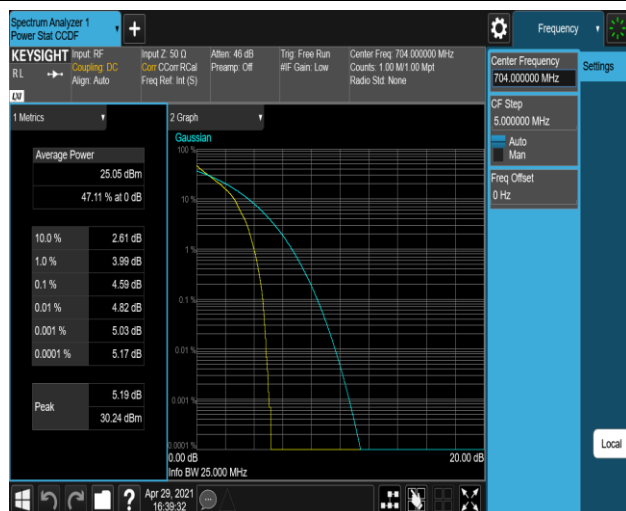
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	4.72	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.40	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.24	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.96	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.13	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.59	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.51	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.40	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.40	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.32	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.00	13	PASS

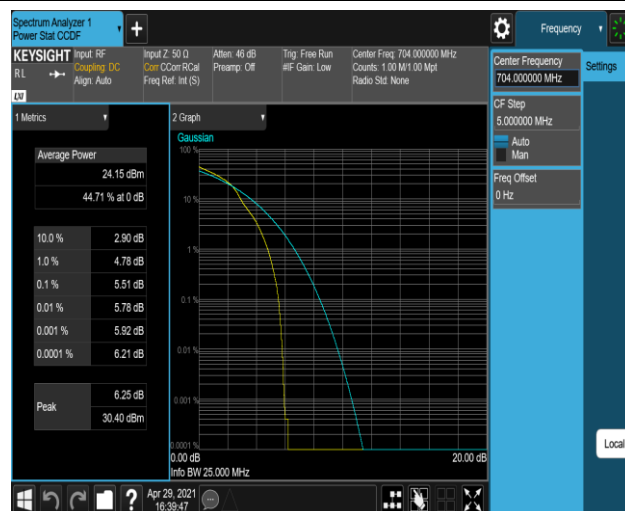
Test Graphs



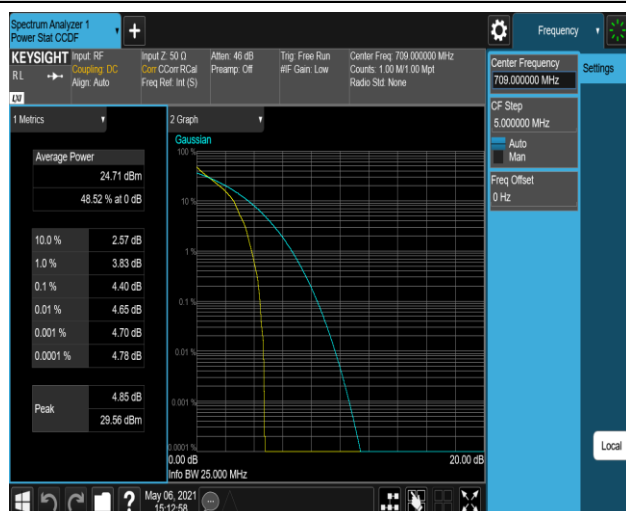
Band12-10MHz-QPSK-23060-1RB#0



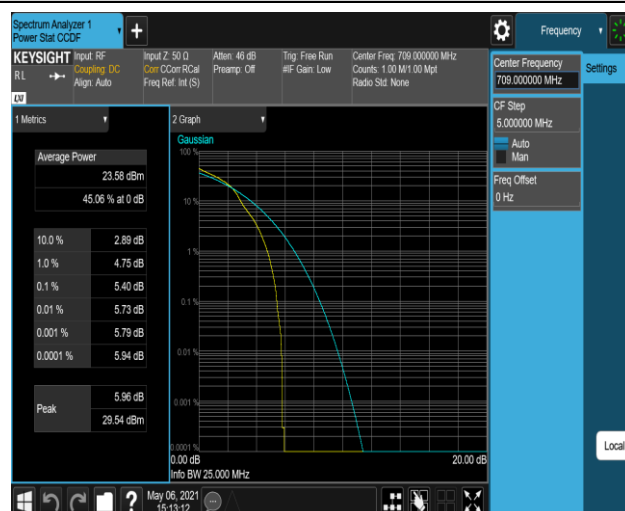
Band12-10MHz-16QAM-23060-1RB#0



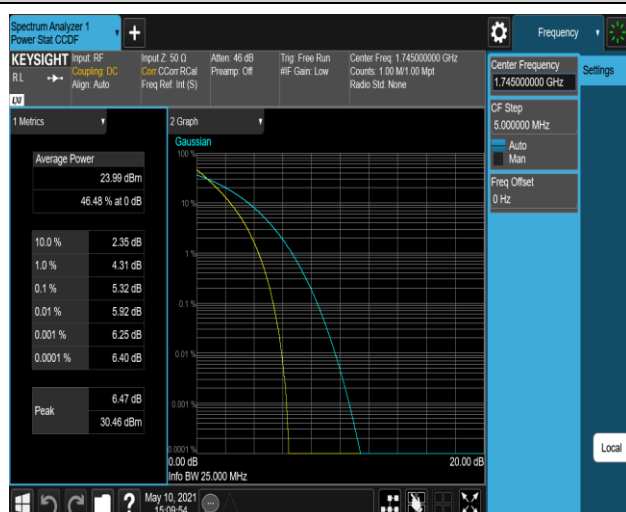
Band17-10MHz-QPSK-23780-1RB#0



Band17-10MHz-16QAM-23780-1RB#0



Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0977	1.269	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0984	1.248	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1037	1.257	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1089	1.376	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0993	1.251	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0930	1.251	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7173	3.037	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7069	3.037	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7100	3.038	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7045	3.029	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7095	3.042	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7064	3.027	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5152	5.012	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5072	4.980	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5103	4.981	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5125	5.005	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5269	4.990	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5368	4.999	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0110	9.914	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0120	9.907	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9551	9.866	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9958	9.915	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0046	9.951	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9949	9.959	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.556	15.04	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.515	15.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.437	14.98	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.544	15.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.513	14.95	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.504	15.03	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.044	19.70	PASS

Band2	20MHz	QPSK	18900	100RB#0	18.000	19.83	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.978	19.62	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.086	19.72	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.001	19.81	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.023	19.83	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0982	1.246	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0904	1.246	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0966	1.248	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1029	1.250	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1032	1.263	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1002	1.247	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7127	3.009	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7170	3.012	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7098	3.023	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7153	3.041	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7125	3.042	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7095	3.048	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5280	4.982	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5183	4.974	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4975	4.998	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5171	4.981	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5086	4.979	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5310	4.998	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9965	9.981	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0011	9.884	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0185	9.921	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0019	9.944	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9847	9.880	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0098	9.999	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.501	15.05	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	15.01	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.514	15.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.499	14.98	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.507	14.94	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.514	14.92	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.981	19.67	PASS

Band4	20MHz	QPSK	20175	100RB#0	17.990	19.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.033	19.93	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.992	19.85	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.018	19.74	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.014	19.87	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0929	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0907	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0985	1.243	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1034	1.250	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1040	1.251	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0990	1.246	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7095	2.999	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7119	3.007	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7032	3.020	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7000	3.020	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6938	3.028	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7096	3.035	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5102	5.001	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5089	4.995	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5019	4.973	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5054	4.971	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5004	4.971	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5116	4.989	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9986	9.922	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9819	9.912	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0074	9.895	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9886	9.906	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0036	9.921	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9996	9.948	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0958	1.242	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0924	1.241	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0941	1.248	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1000	1.246	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1046	1.250	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1055	1.254	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7164	3.017	PASS

Band12	3MHz	QPSK	23095	15RB#0	2.7033	3.027	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7158	3.009	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7021	3.023	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7103	3.049	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7066	3.021	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5118	4.985	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5044	4.979	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5099	4.983	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5066	4.977	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5177	4.981	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5301	5.001	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9673	9.882	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9936	9.927	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0064	9.909	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9699	9.924	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9832	9.951	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0243	9.957	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5073	4.976	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5071	4.982	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5158	4.979	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5018	4.965	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5213	4.990	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5268	4.999	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0094	9.912	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0073	9.949	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0077	9.881	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9977	9.923	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0273	9.982	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0182	9.938	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0934	1.239	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0908	1.243	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0966	1.245	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1031	1.251	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1022	1.240	PASS
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Band66	3MHz	QPSK	131987	15RB#0	2.7076	3.027	PASS

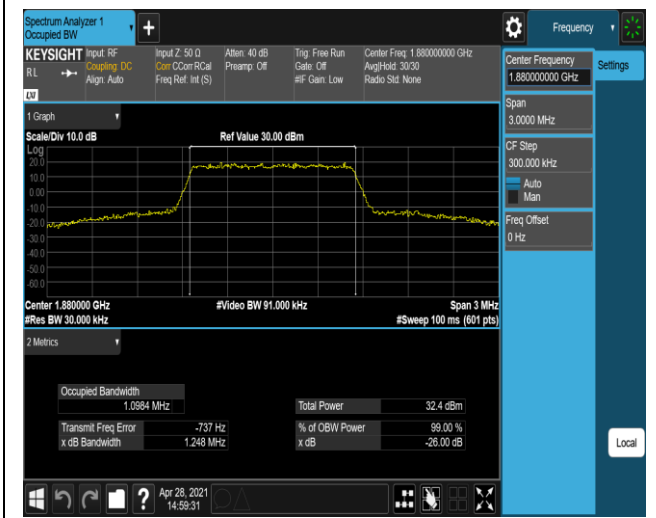
Band66	3MHz	QPSK	132322	15RB#0	2.7127	3.032	PASS
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Band66	3MHz	16QAM	131987	15RB#0	2.6973	3.026	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6999	3.026	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7053	3.045	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5090	4.974	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5121	4.973	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4999	4.974	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5077	4.969	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5051	4.970	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5117	4.972	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9907	9.925	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9970	9.887	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0006	9.898	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9851	9.900	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9857	9.947	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9905	9.948	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.501	14.93	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.516	14.93	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.513	15.01	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.489	14.95	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.520	15.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.515	14.95	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.002	19.60	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.037	19.70	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.017	19.86	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.985	19.75	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.039	19.72	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.007	19.85	PASS

Test Graphs

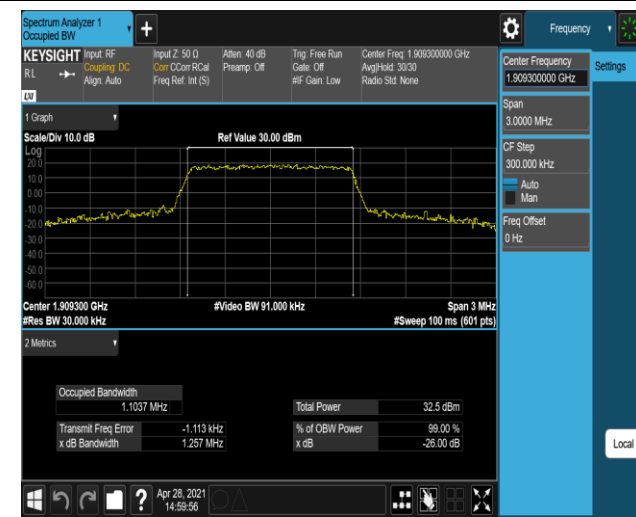
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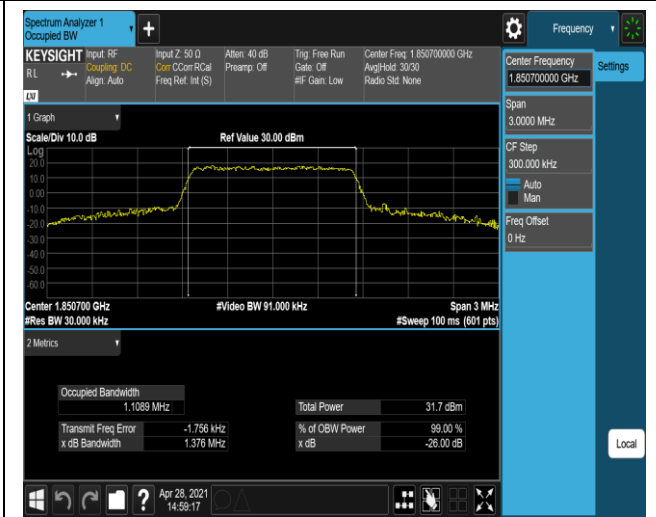
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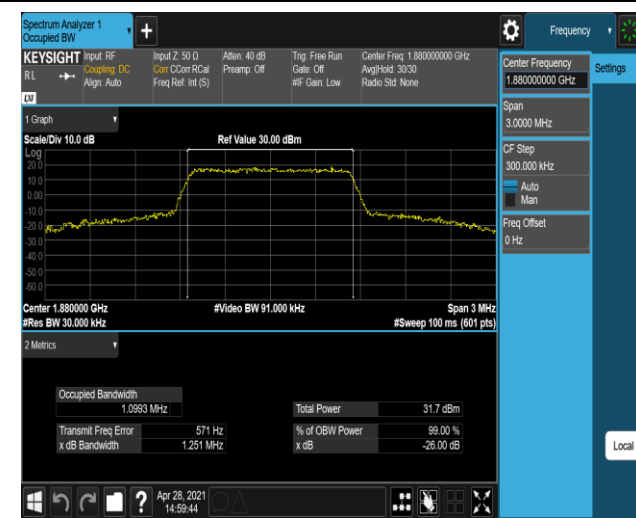
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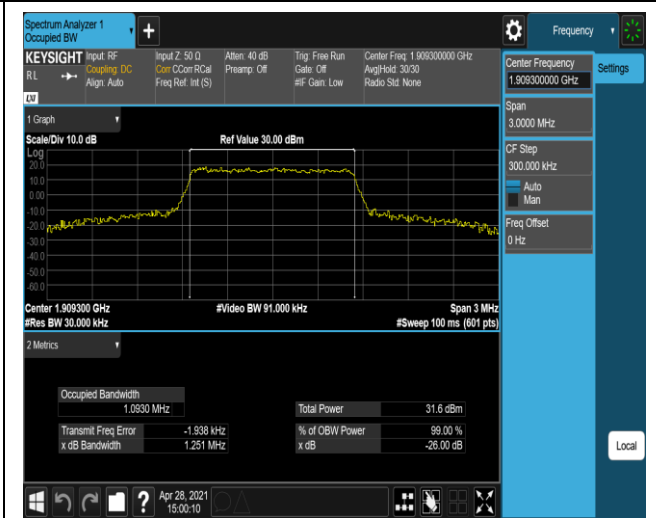
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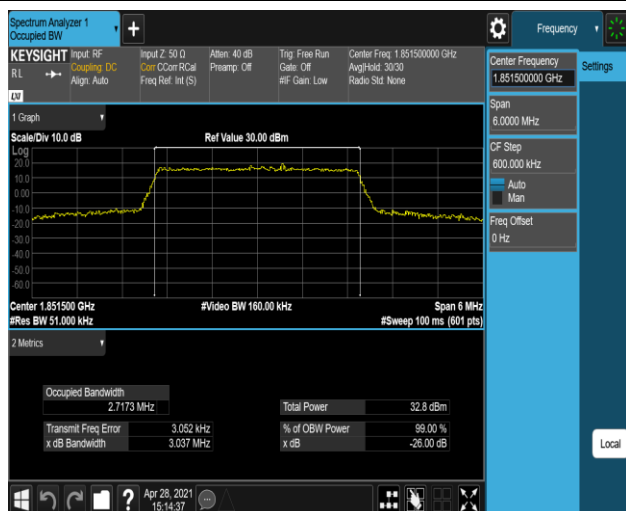
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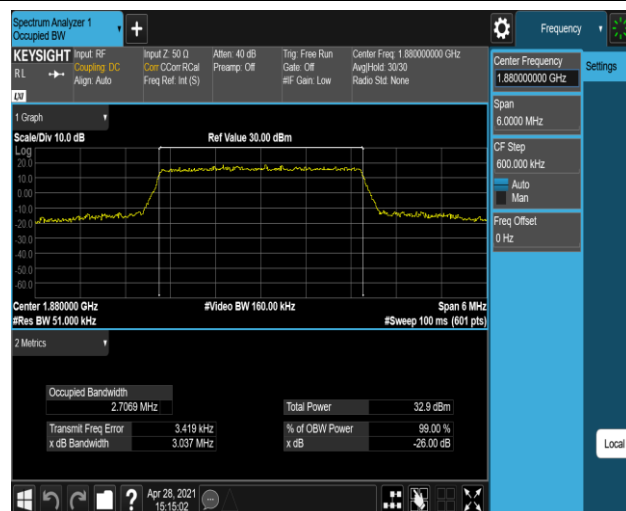
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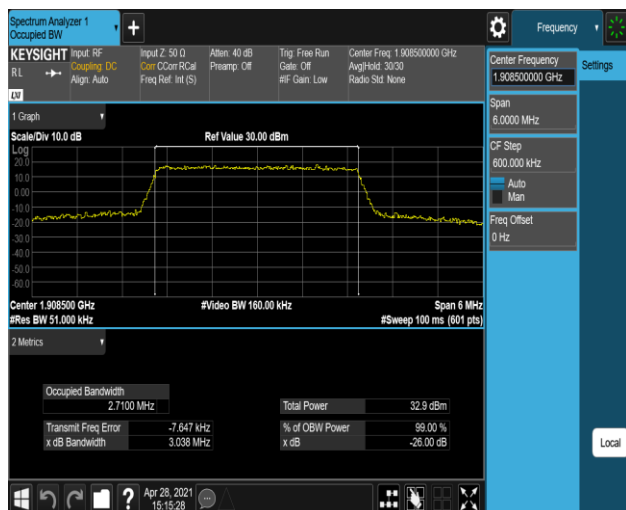
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Band2-3MHz-QPSK-18900-15RB#0



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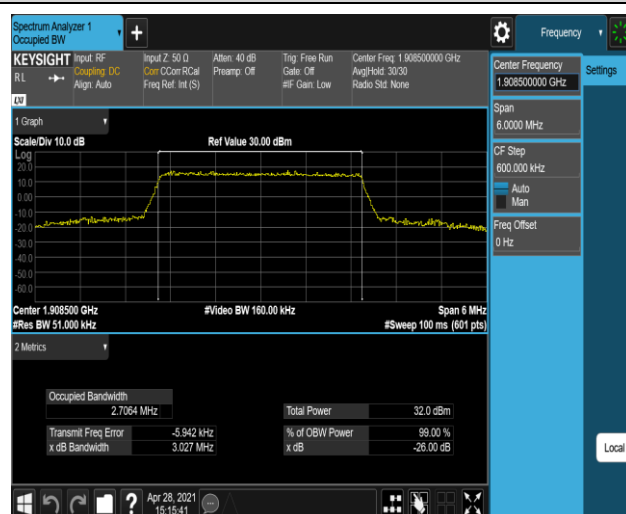
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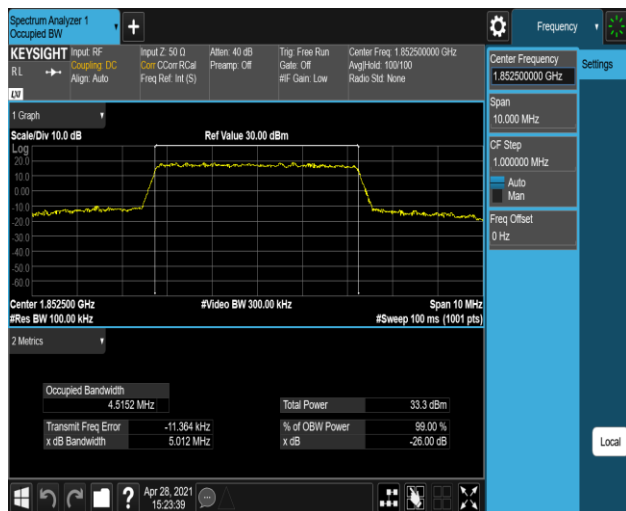
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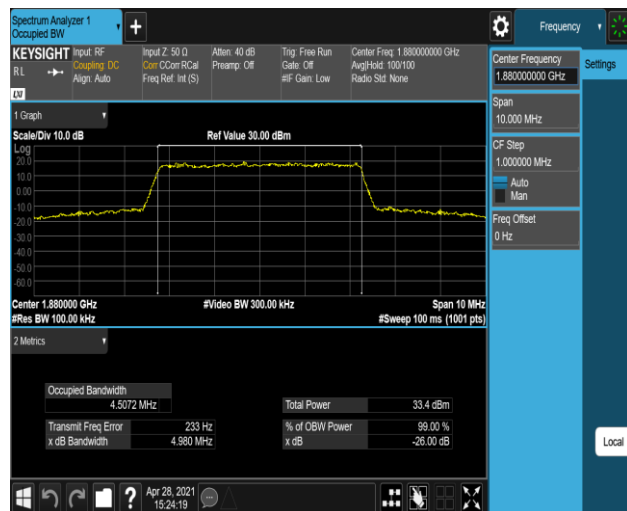
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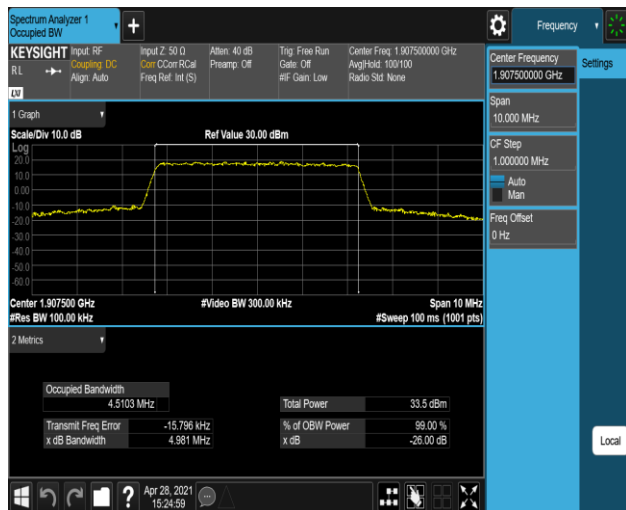
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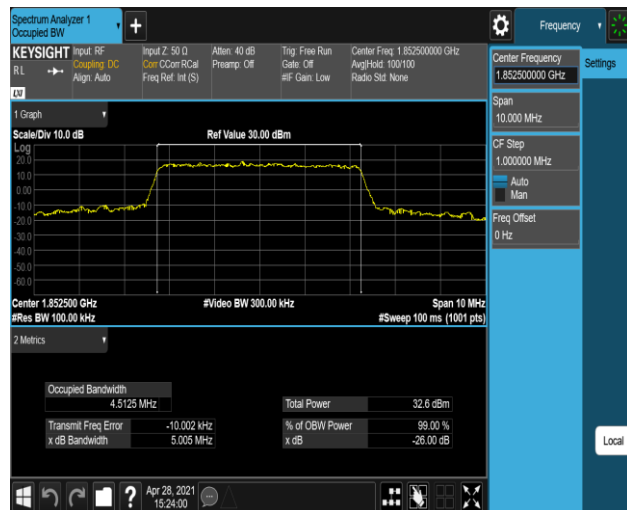
Band2-5MHz-QPSK-18900-25RB#0



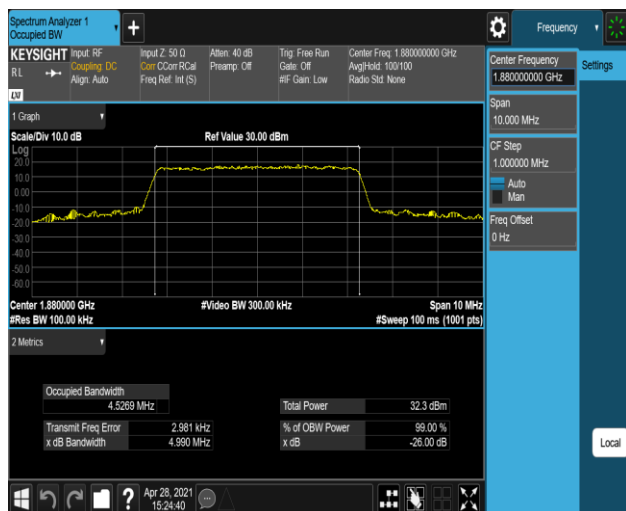
Band2-5MHz-QPSK-19175-25RB#0



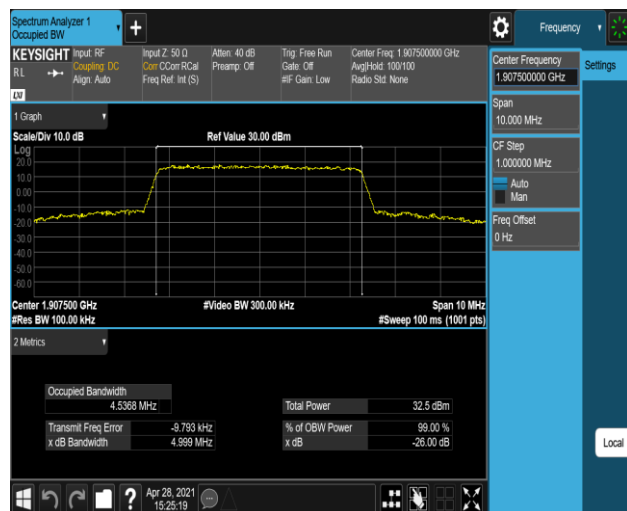
Band2-5MHz-16QAM-18625-25RB#0



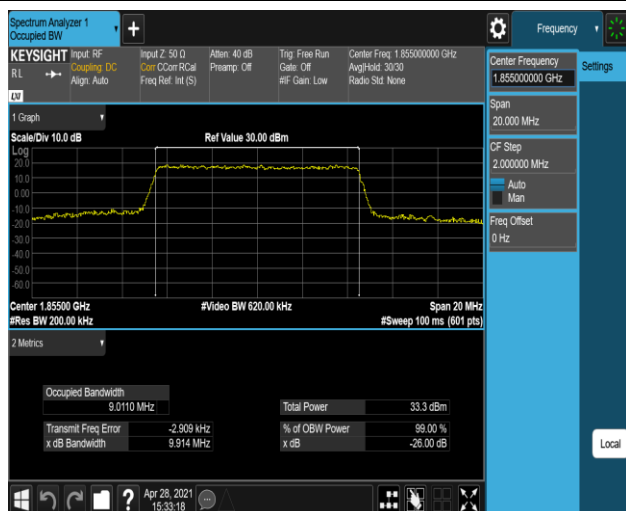
Band2-5MHz-16QAM-18900-25RB#0



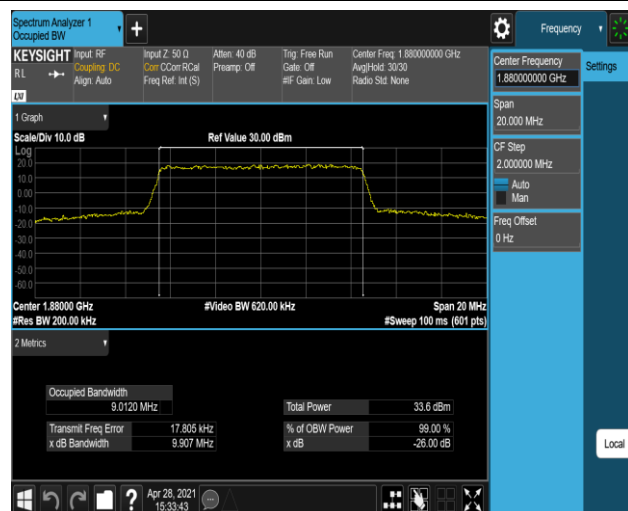
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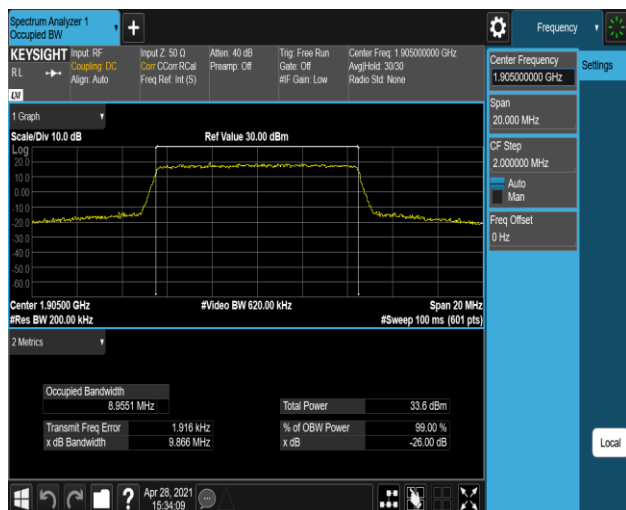
Band2-10MHz-QPSK-18650-50RB#0



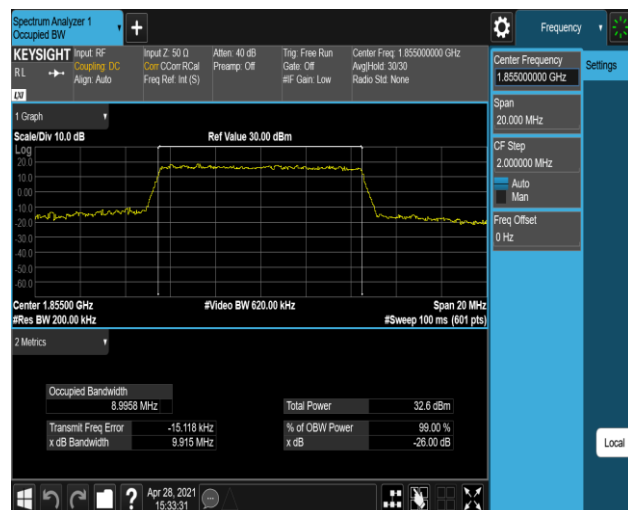
Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-50RB#0



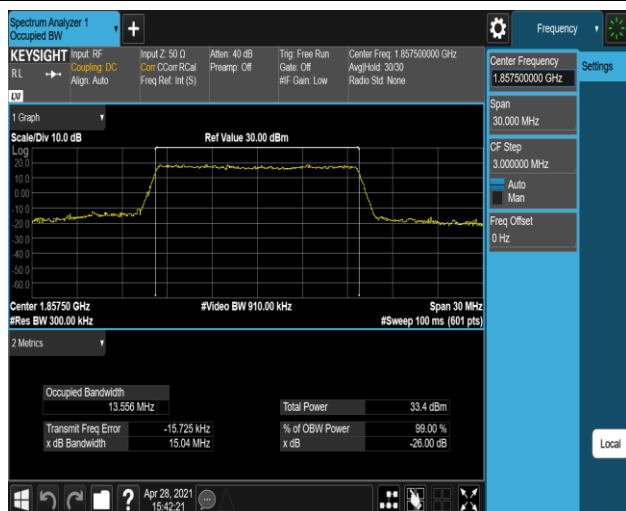
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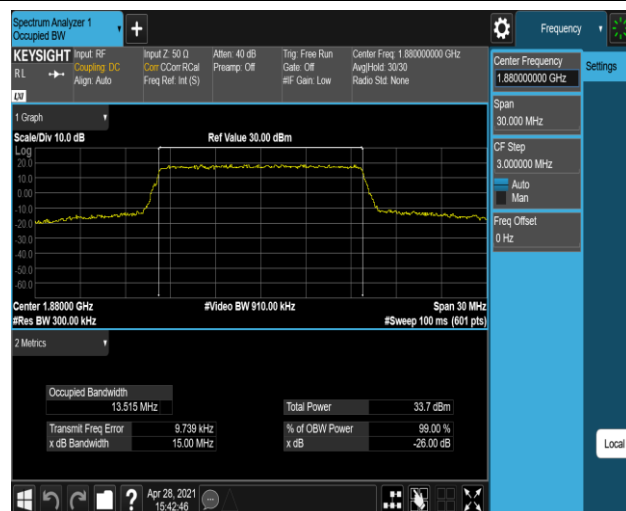
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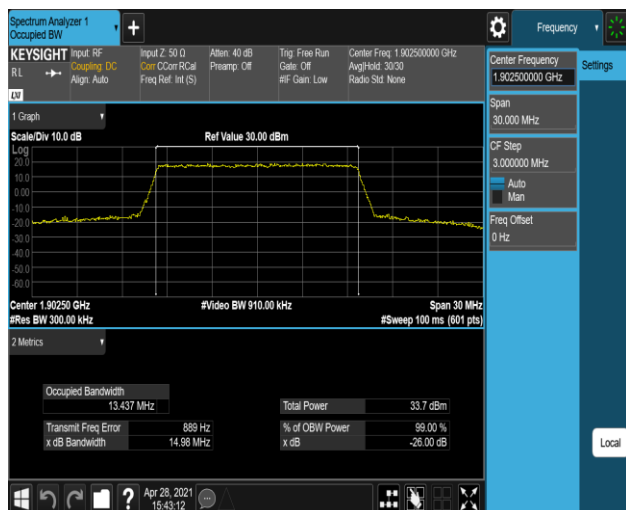
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Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0



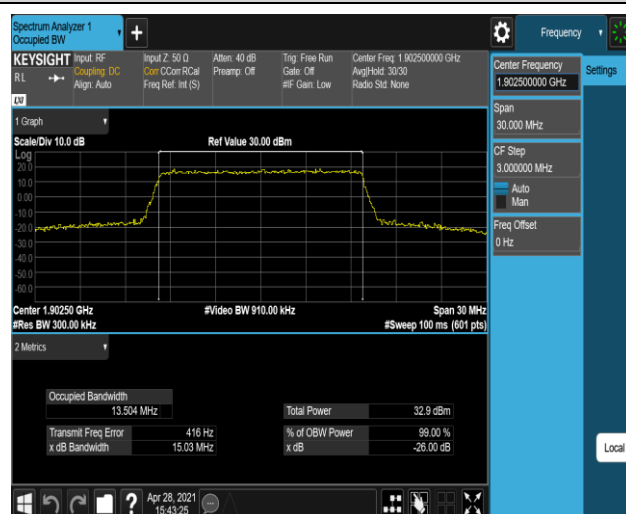
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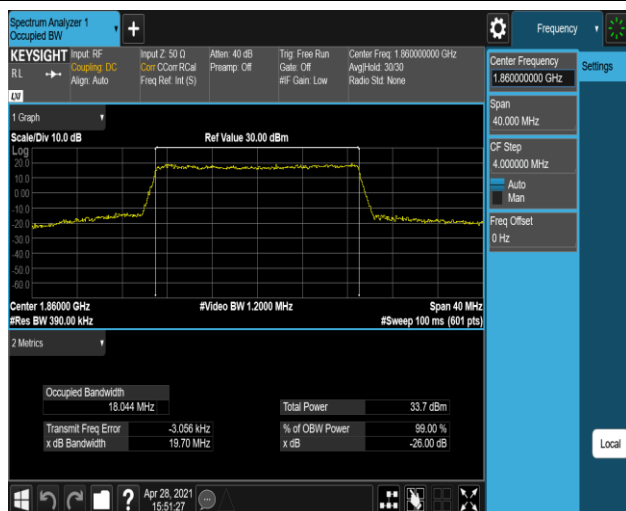
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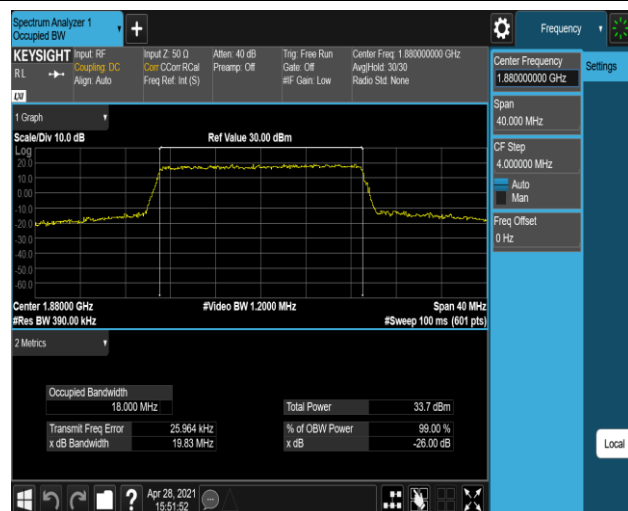
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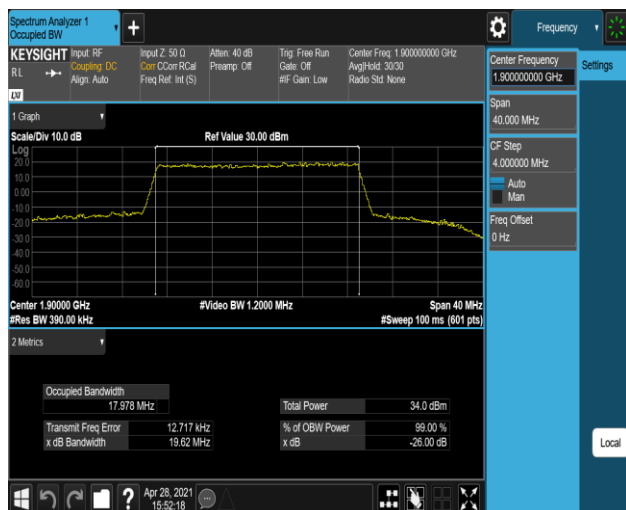
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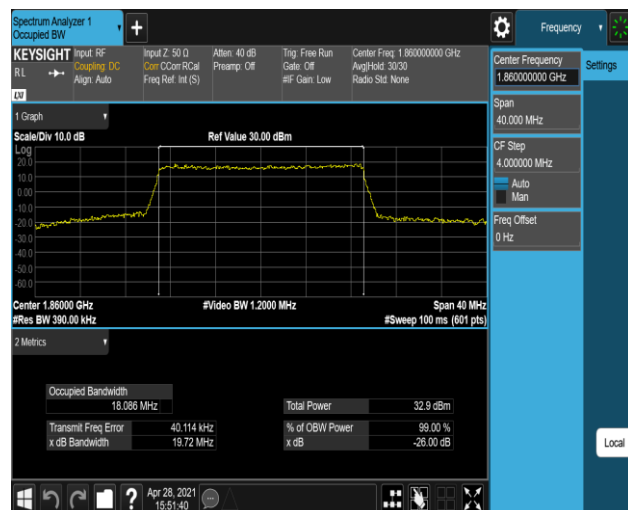
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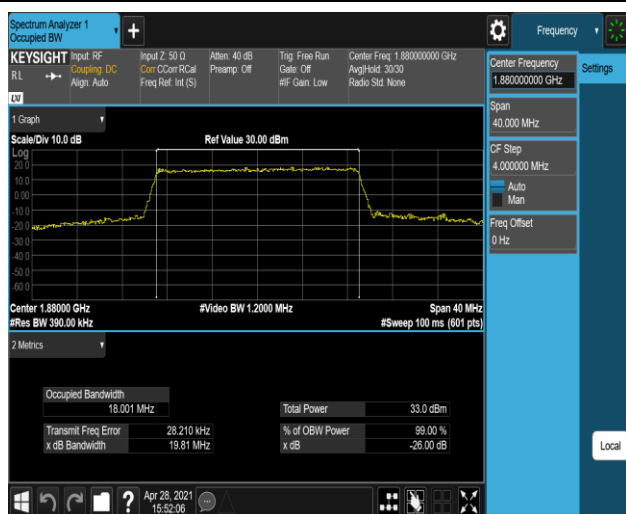
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Band2-20MHz-16QAM-18700-100RB#0



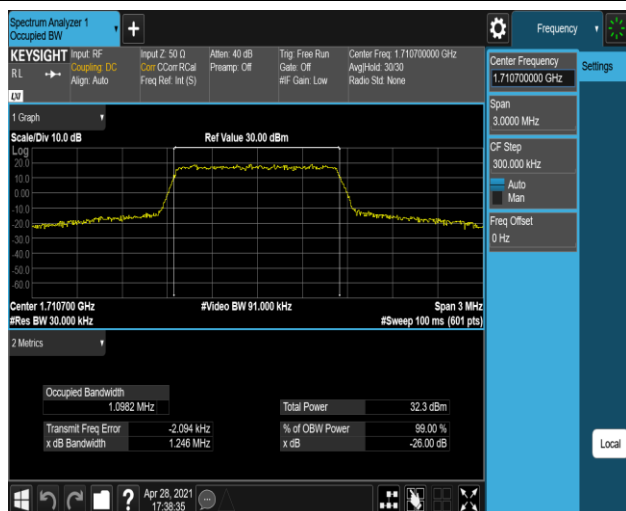
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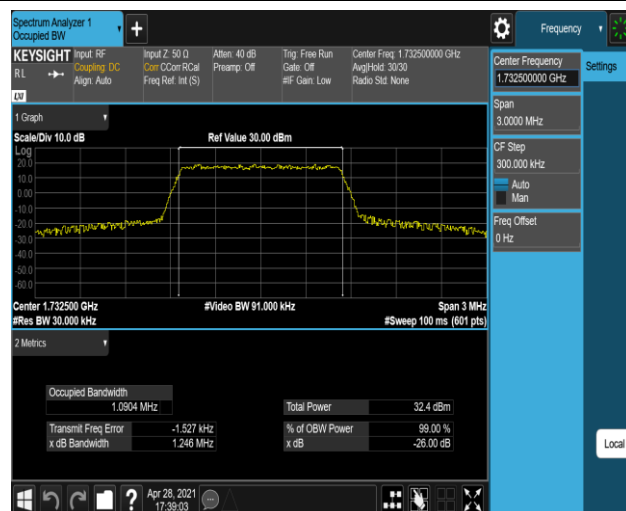
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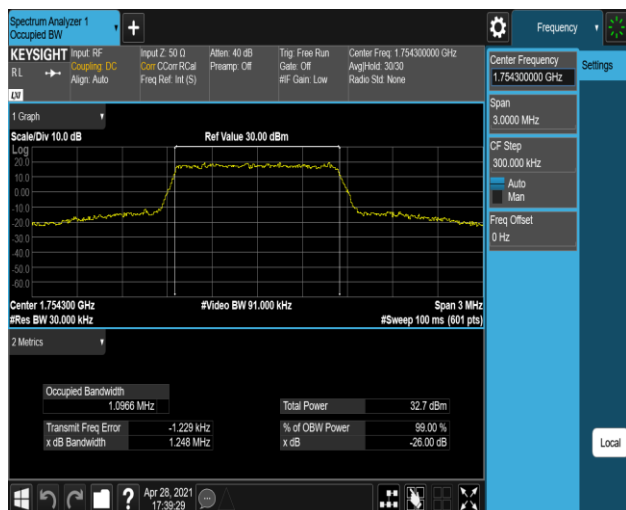
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Band4-1.4MHz-QPSK-20175-6RB#0



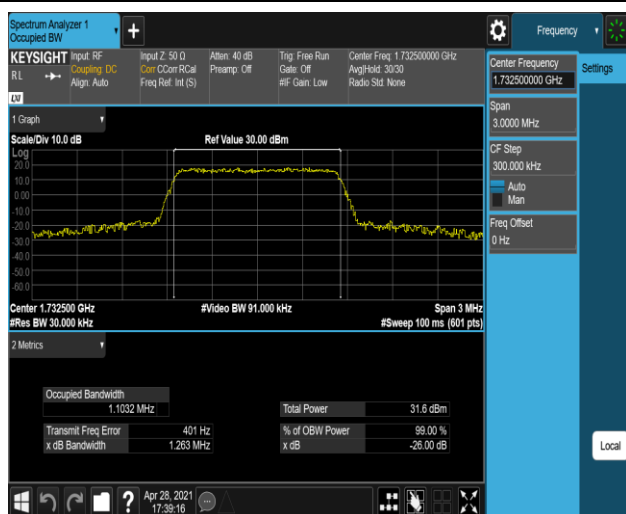
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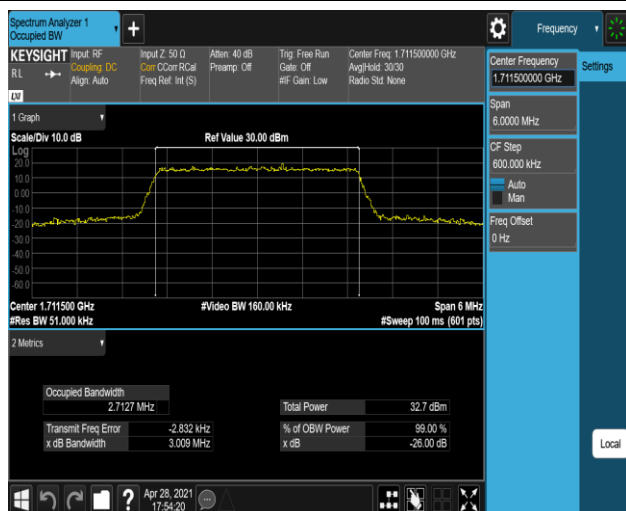
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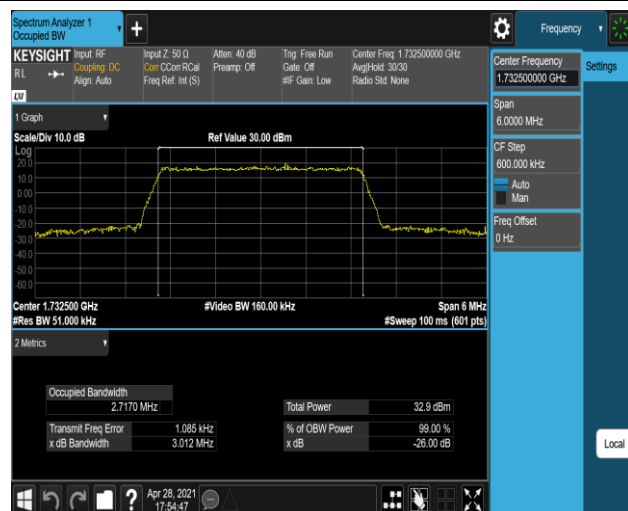
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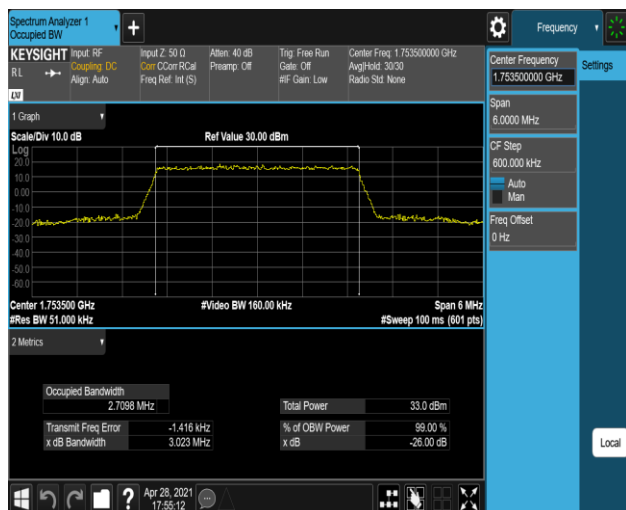
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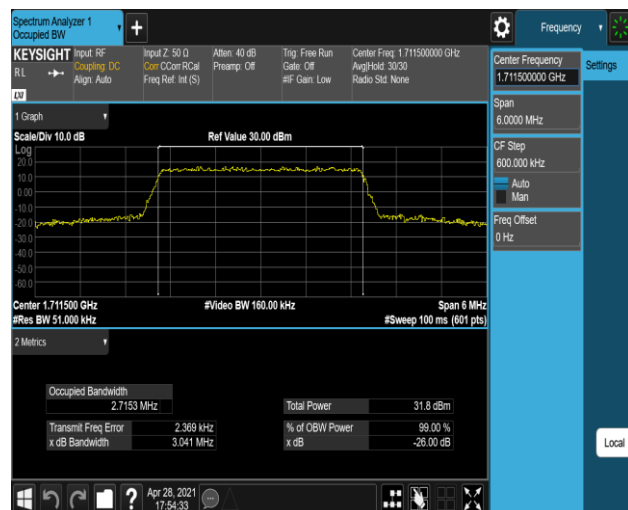
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Band4-3MHz-QPSK-20385-15RB#0



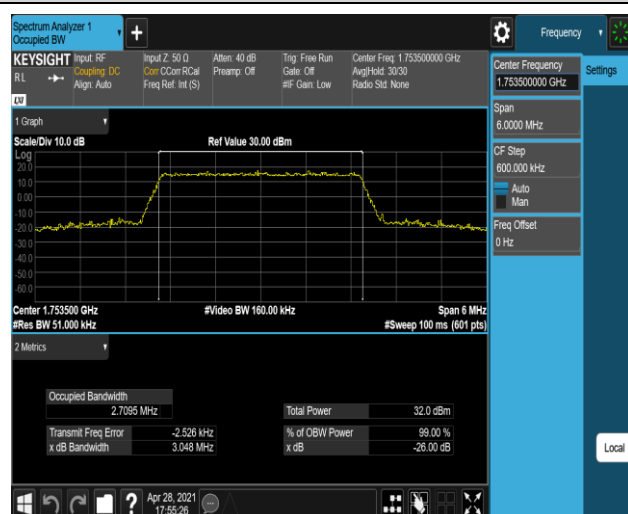
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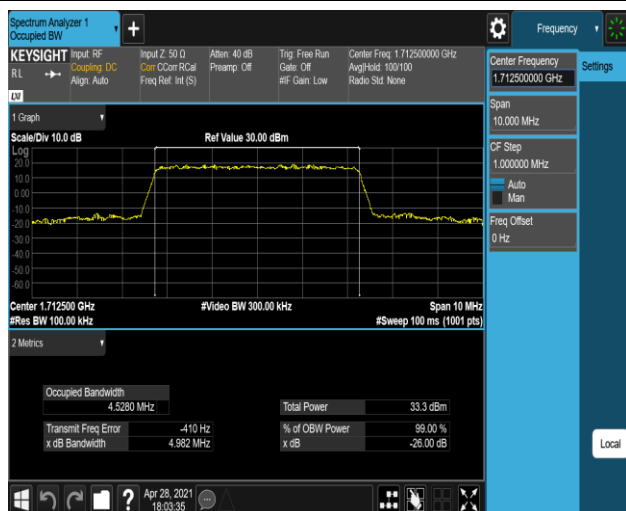
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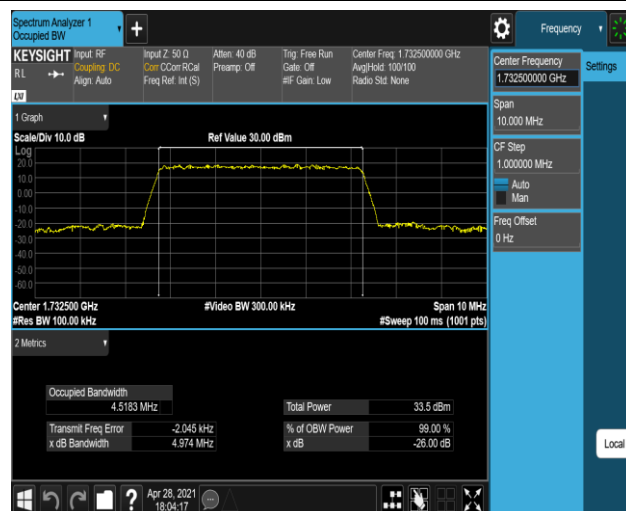
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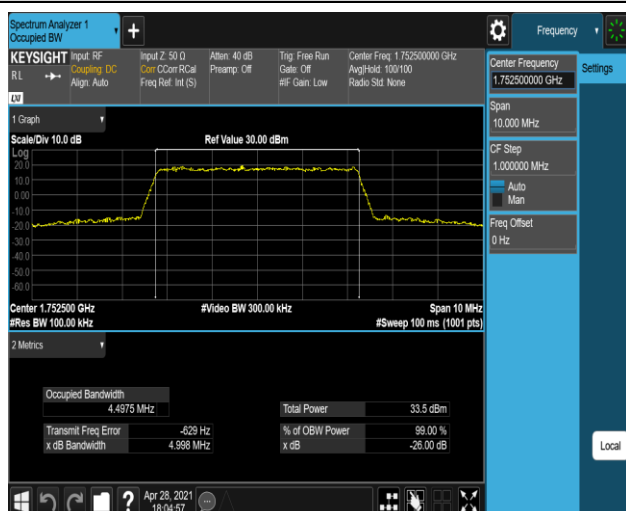
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Band4-5MHz-QPSK-20175-25RB#0



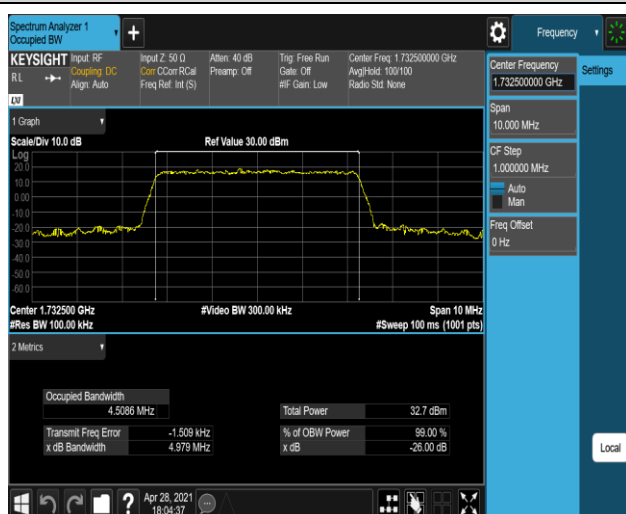
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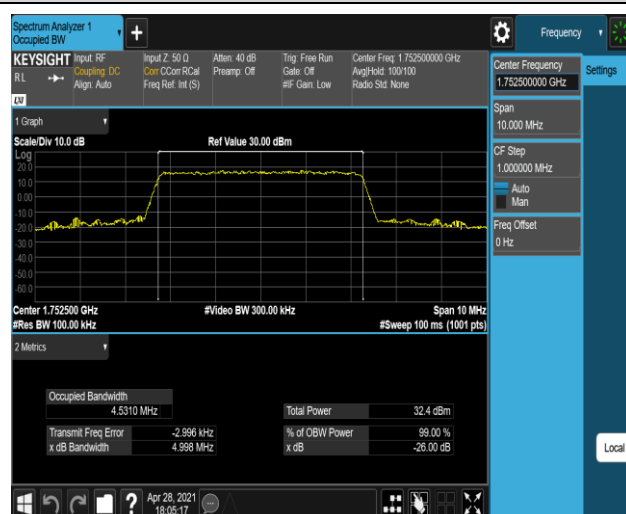
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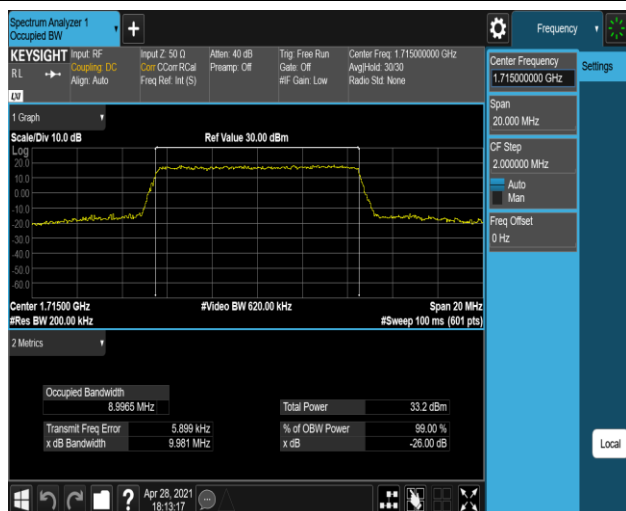
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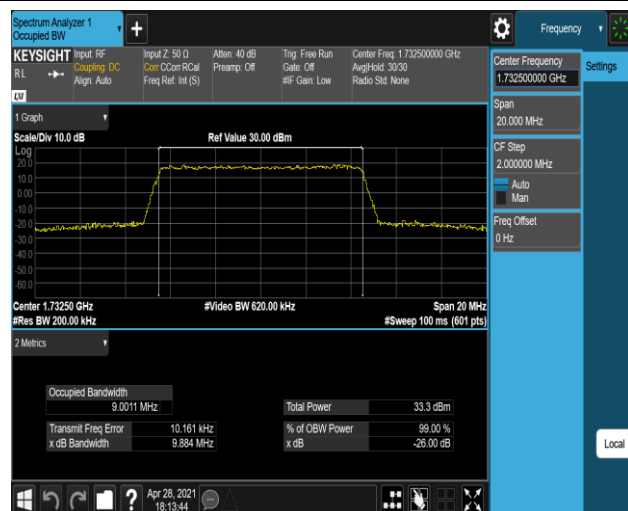
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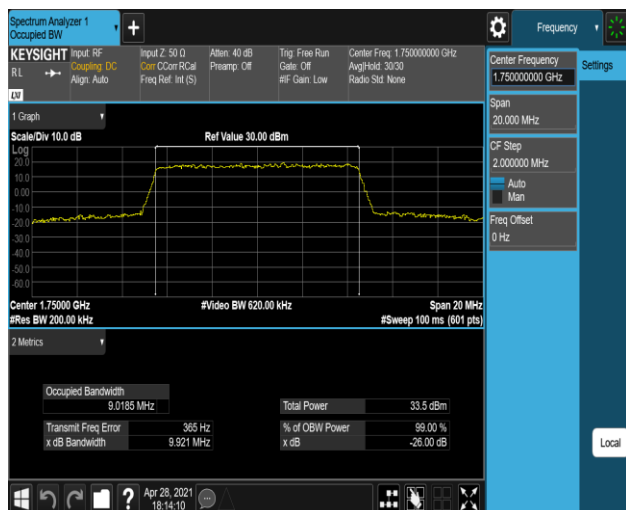
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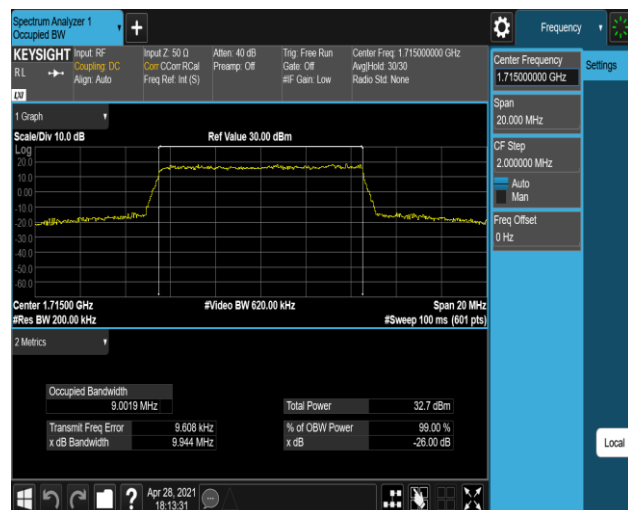
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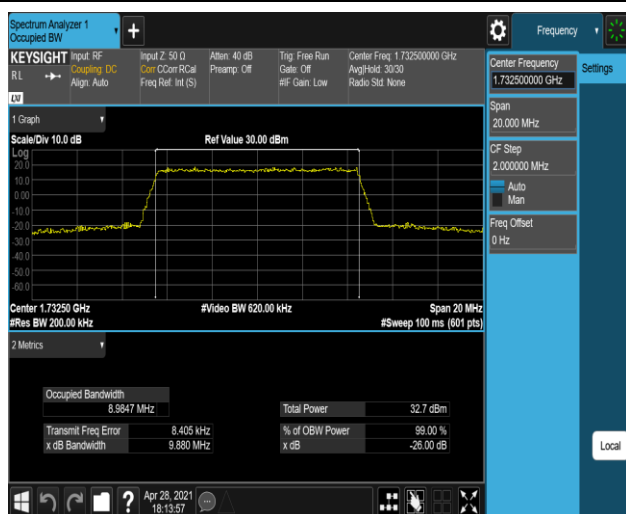
Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20175-50RB#0



Band4-10MHz-16QAM-20350-50RB#0

