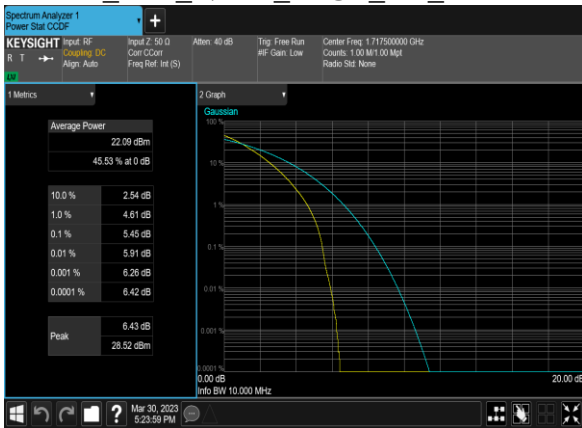


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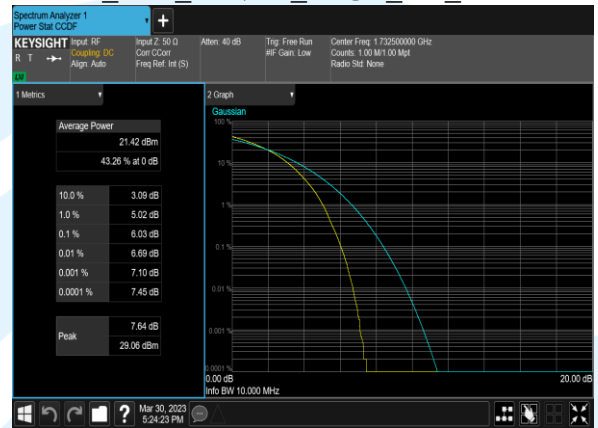
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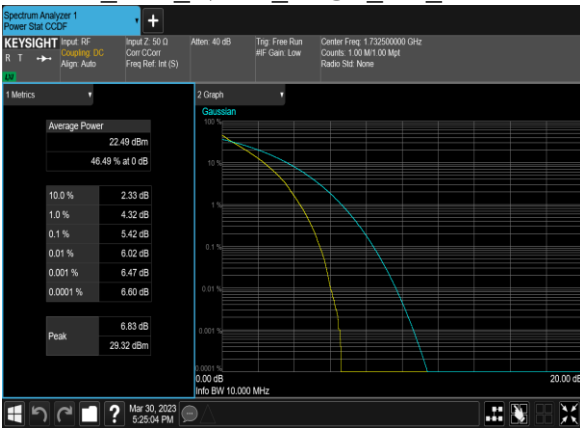
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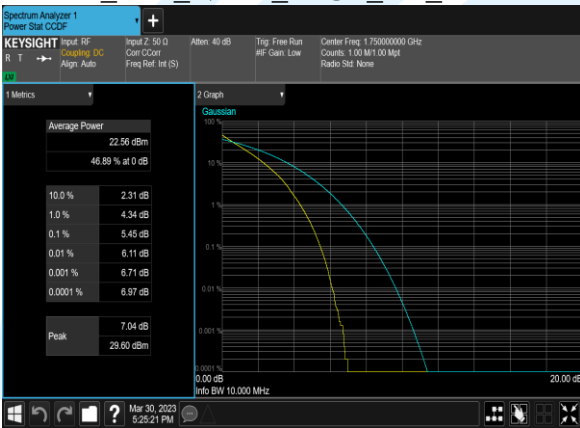
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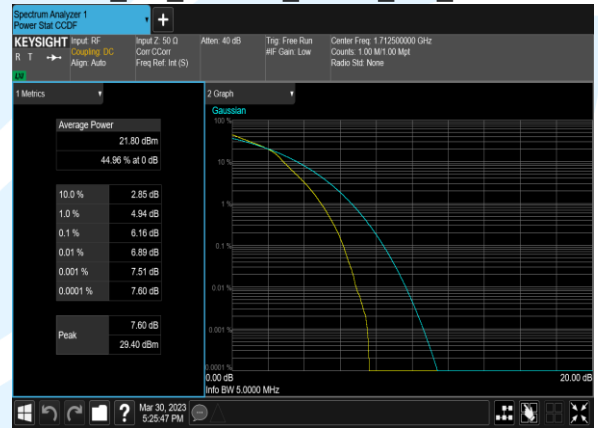
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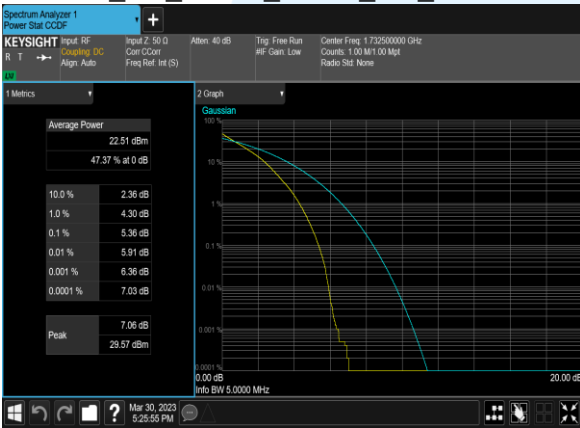
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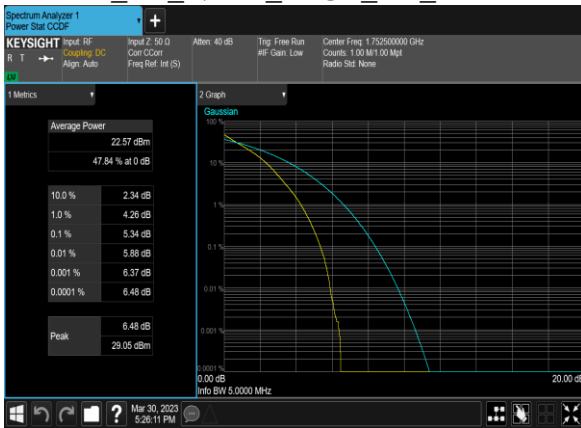
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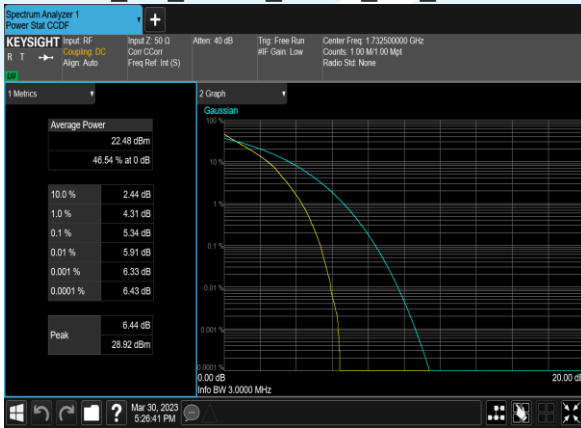
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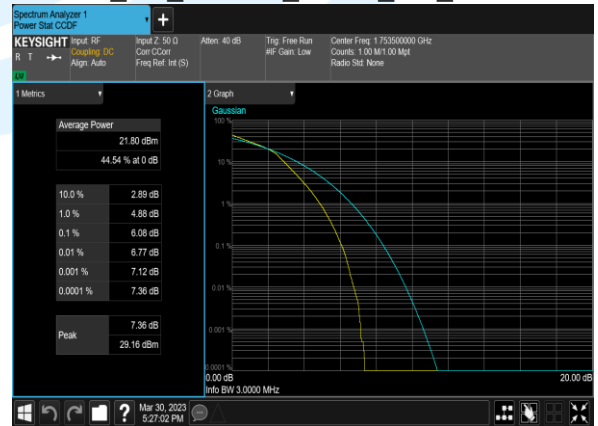
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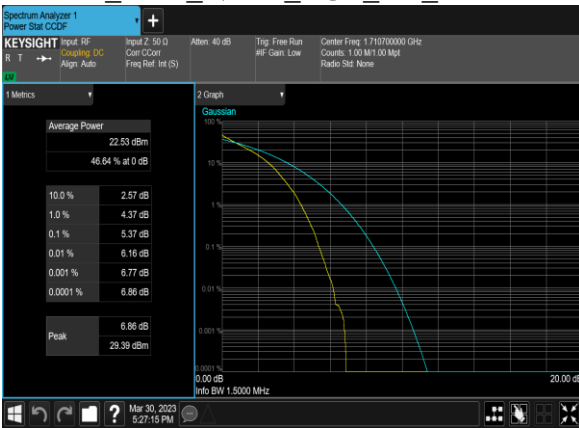
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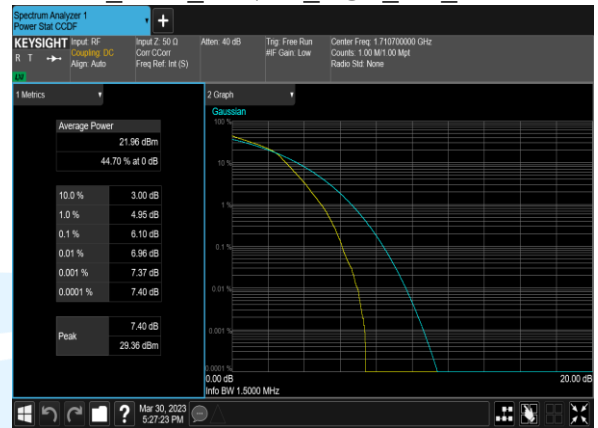
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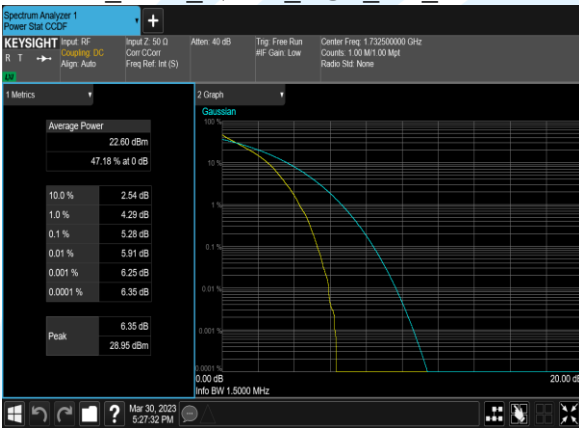
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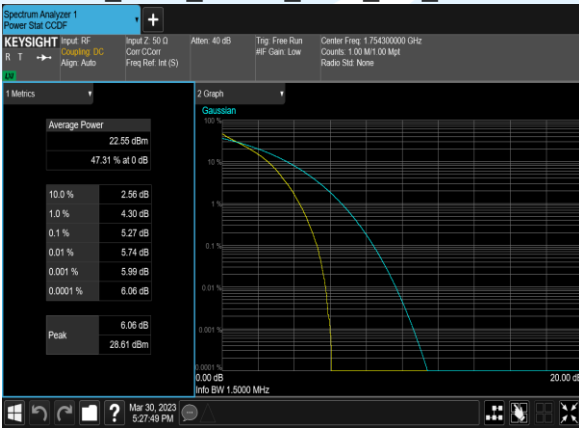
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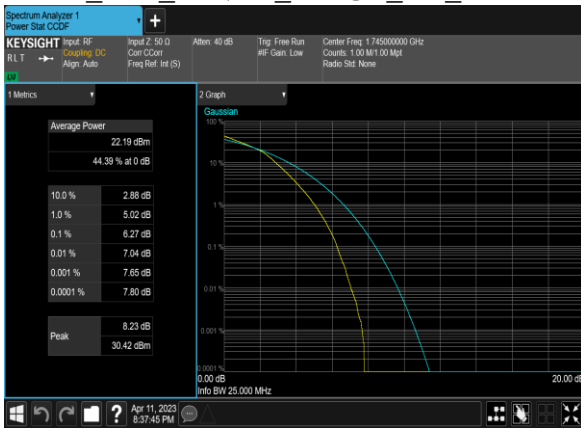
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B4_15M_64QAM_75@0_CH_20025



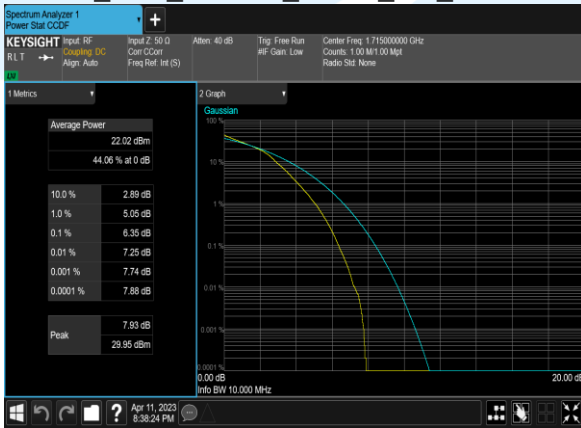
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B4_15M_64QAM_75@0_CH_20325



B4_10M_64QAM_50@0_CH_20000



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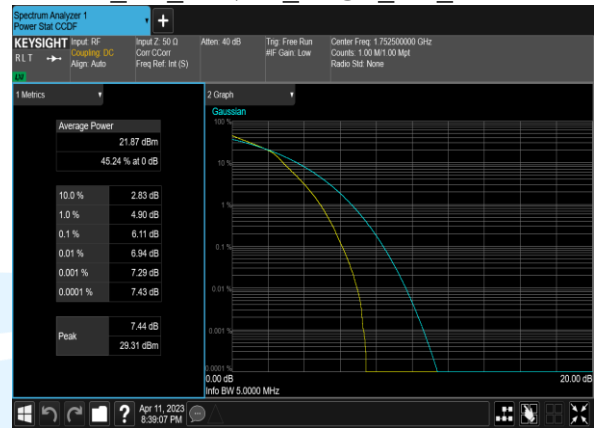
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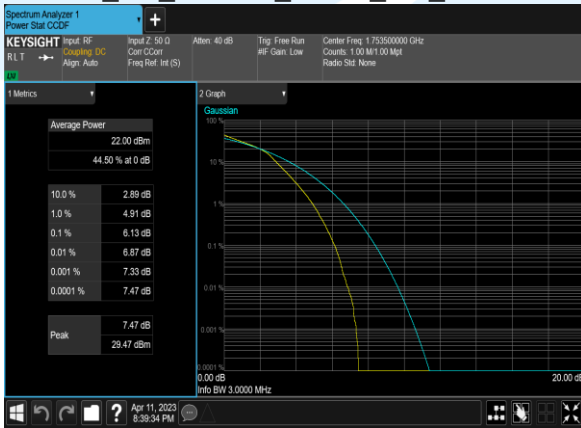
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B4_1.4M_64QAM_6@0_CH_19957



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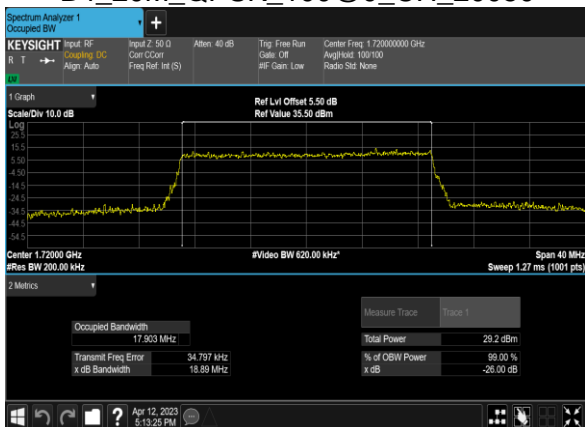


Occupied Bandwidth

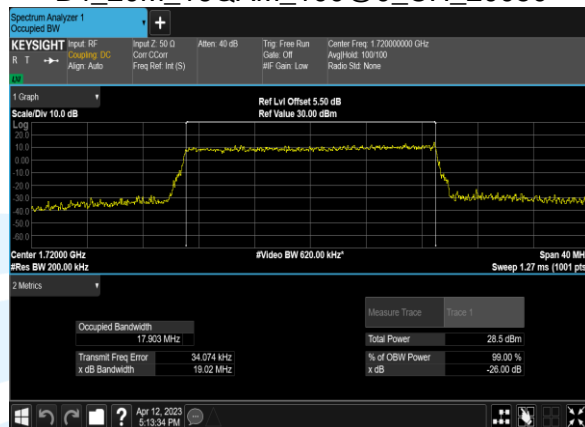
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4	20.0	20050	1720.0	16QAM	100@0	17.903	19.02
4	20.0	20175	1732.5	QPSK	100@0	17.891	19.26
4	20.0	20175	1732.5	16QAM	100@0	17.938	19.08
4	20.0	20300	1745.0	QPSK	100@0	17.912	19.34
4	20.0	20300	1745.0	16QAM	100@0	17.904	18.93
4	15.0	20025	1717.5	QPSK	75@0	13.430	14.54
4	15.0	20025	1717.5	16QAM	75@0	13.438	14.62
4	15.0	20175	1732.5	QPSK	75@0	13.404	14.41
4	15.0	20175	1732.5	16QAM	75@0	13.438	14.59
4	15.0	20325	1747.5	QPSK	75@0	13.413	14.42
4	15.0	20325	1747.5	16QAM	75@0	13.364	14.45
4	10.0	20000	1715.0	QPSK	50@0	8.9686	9.647
4	10.0	20000	1715.0	16QAM	50@0	8.9522	9.733
4	10.0	20175	1732.5	QPSK	50@0	8.9419	9.678
4	10.0	20175	1732.5	16QAM	50@0	8.9407	9.689
4	10.0	20350	1750.0	QPSK	50@0	8.9353	9.617
4	10.0	20350	1750.0	16QAM	50@0	8.9568	9.726
4	5.0	19975	1712.5	QPSK	25@0	4.4660	4.892
4	5.0	19975	1712.5	16QAM	25@0	4.4552	4.831
4	5.0	20175	1732.5	QPSK	25@0	4.4468	4.859
4	5.0	20175	1732.5	16QAM	25@0	4.4647	4.857
4	5.0	20375	1752.5	QPSK	25@0	4.4610	4.811
4	5.0	20375	1752.5	16QAM	25@0	4.4571	4.887
4	3.0	19965	1711.5	QPSK	15@0	2.6930	2.961
4	3.0	19965	1711.5	16QAM	15@0	2.6833	2.970
4	3.0	20175	1732.5	QPSK	15@0	2.6900	2.990
4	3.0	20175	1732.5	16QAM	15@0	2.6820	2.965
4	3.0	20385	1753.5	QPSK	15@0	2.6861	2.962
4	3.0	20385	1753.5	16QAM	15@0	2.6865	2.997
4	1.4	19957	1710.7	QPSK	6@0	1.0782	1.217
4	1.4	19957	1710.7	16QAM	6@0	1.0788	1.223
4	1.4	20175	1732.5	QPSK	6@0	1.0790	1.219
4	1.4	20175	1732.5	16QAM	6@0	1.0775	1.207
4	1.4	20393	1754.3	QPSK	6@0	1.0767	1.221
4	1.4	20393	1754.3	16QAM	6@0	1.0812	1.225
4	20.0	20050	1720.0	64QAM	100@0	17.896	19.13
4	20.0	20175	1732.5	64QAM	100@0	17.884	19.29
4	20.0	20300	1745.0	64QAM	100@0	17.914	19.20
4	15.0	20025	1717.5	64QAM	75@0	13.407	14.41
4	15.0	20175	1732.5	64QAM	75@0	13.434	14.73
4	15.0	20325	1747.5	64QAM	75@0	13.434	14.42
4	10.0	20000	1715.0	64QAM	50@0	8.9413	9.717
4	10.0	20175	1732.5	64QAM	50@0	8.9218	9.735
4	10.0	20350	1750.0	64QAM	50@0	8.9446	9.561
4	5.0	19975	1712.5	64QAM	25@0	4.4608	4.896
4	5.0	20175	1732.5	64QAM	25@0	4.4630	4.886
4	5.0	20375	1752.5	64QAM	25@0	4.4567	4.891
4	3.0	19965	1711.5	64QAM	15@0	2.6765	2.954
4	3.0	20175	1732.5	64QAM	15@0	2.6889	2.960
4	3.0	20385	1753.5	64QAM	15@0	2.6831	2.993
4	1.4	19957	1710.7	64QAM	6@0	1.0828	1.224
4	1.4	20175	1732.5	64QAM	6@0	1.0753	1.223
4	1.4	20393	1754.3	64QAM	6@0	1.0769	1.225

Test Graphs

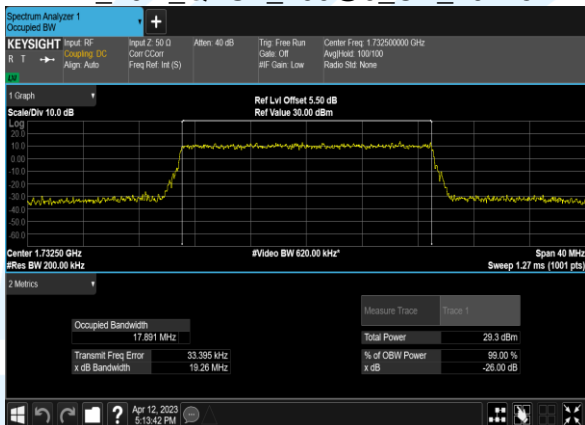
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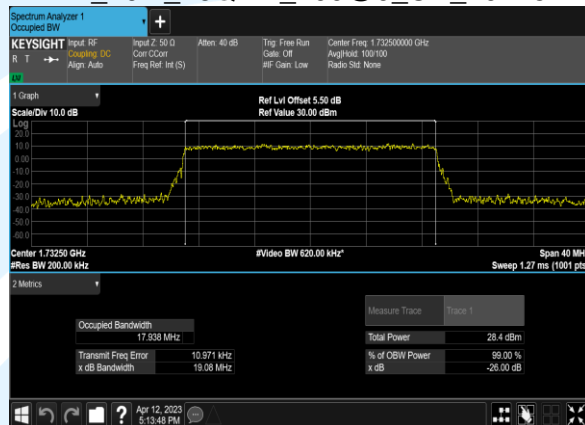
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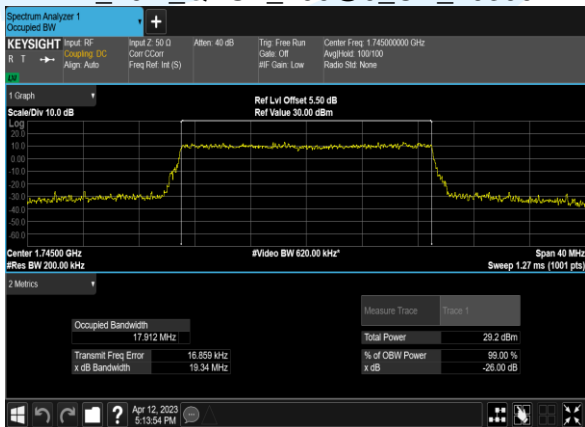
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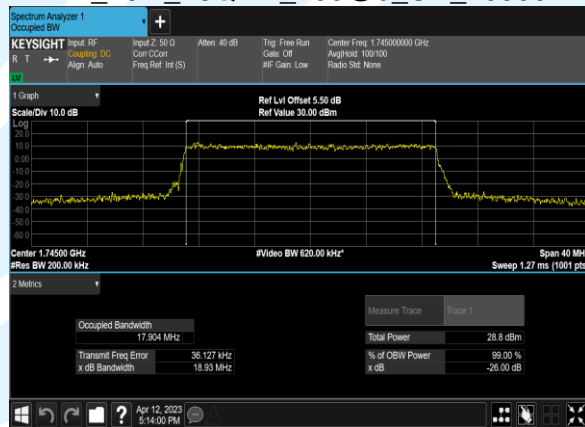
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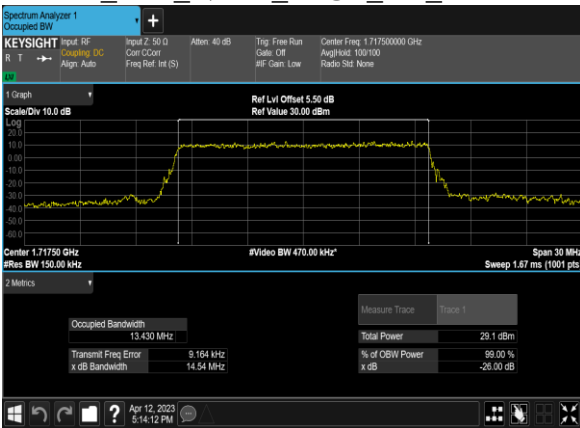
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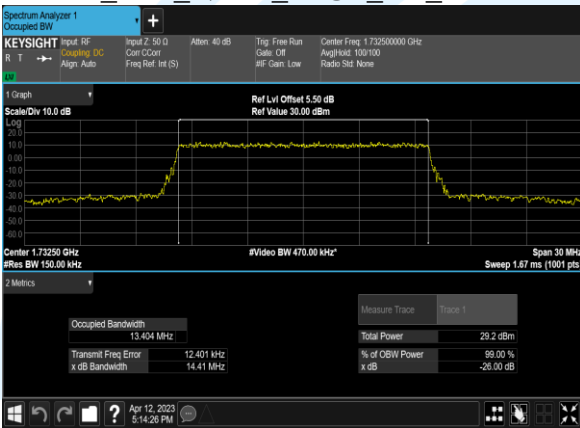
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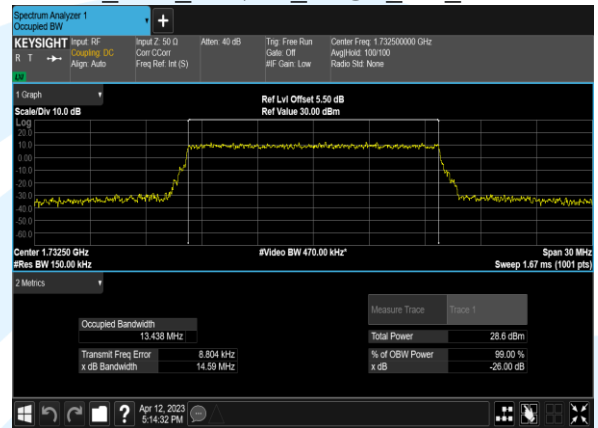
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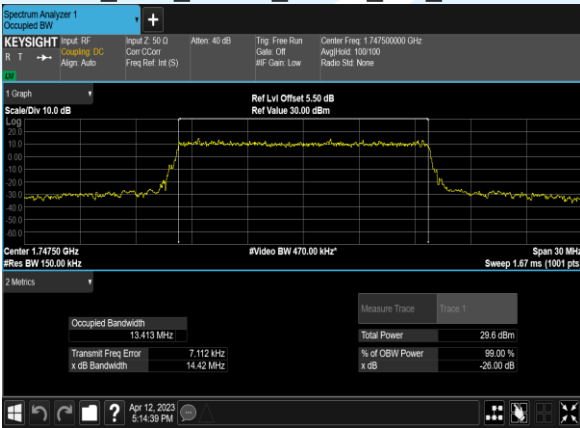
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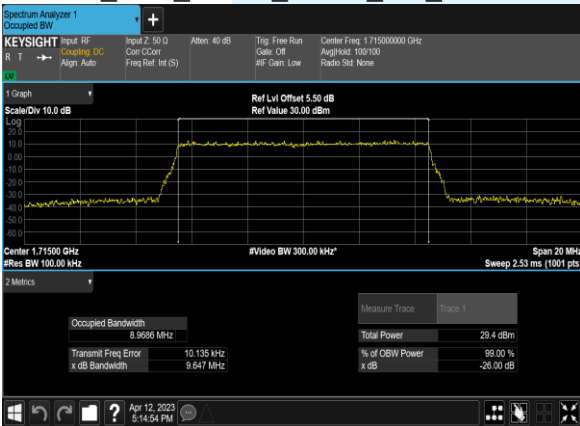
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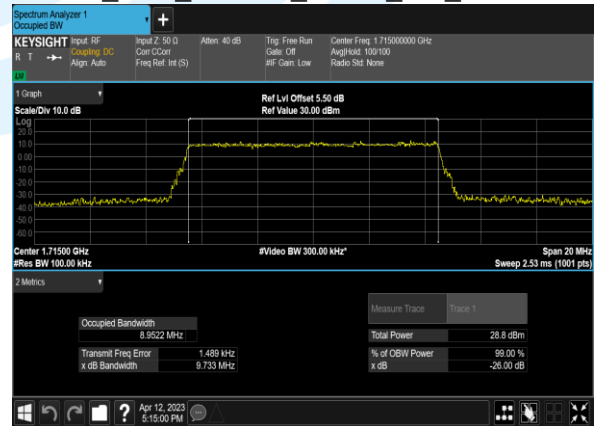
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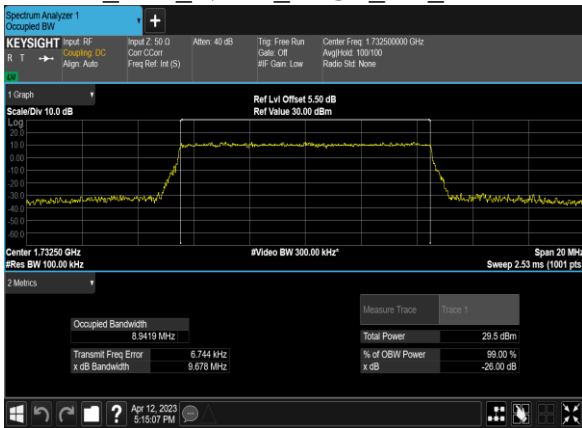
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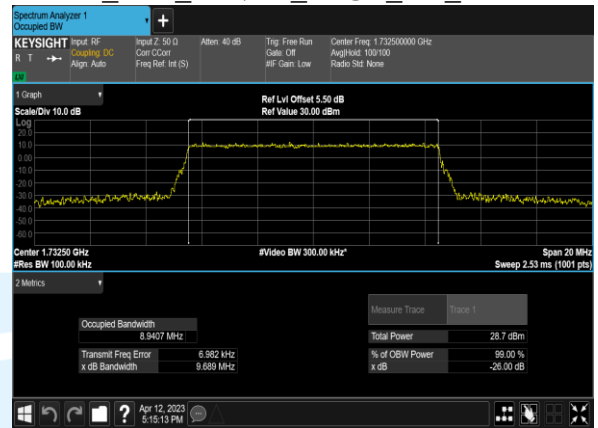
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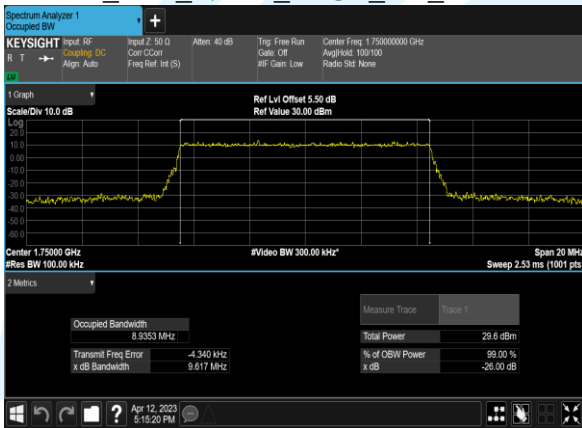
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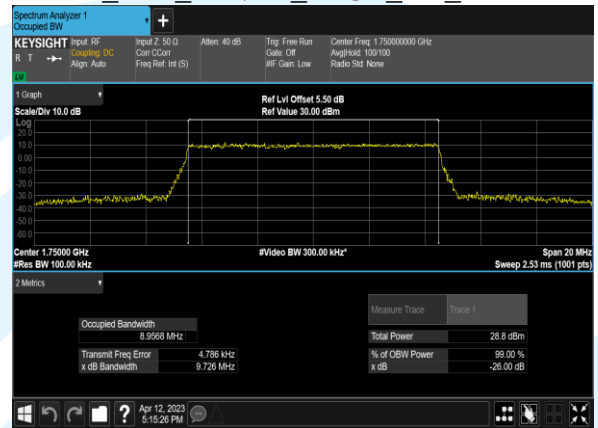
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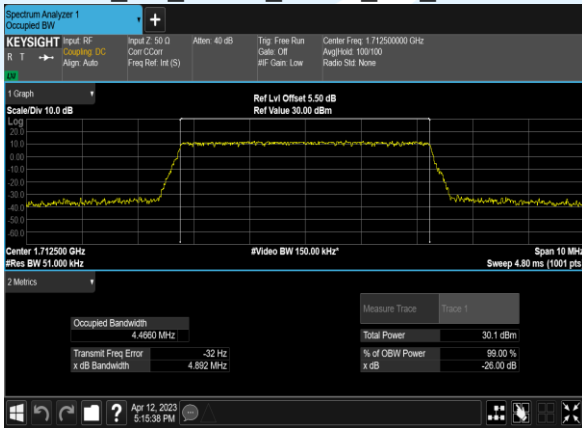
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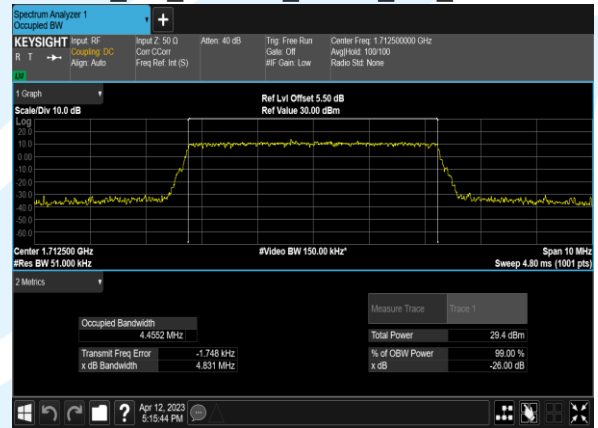
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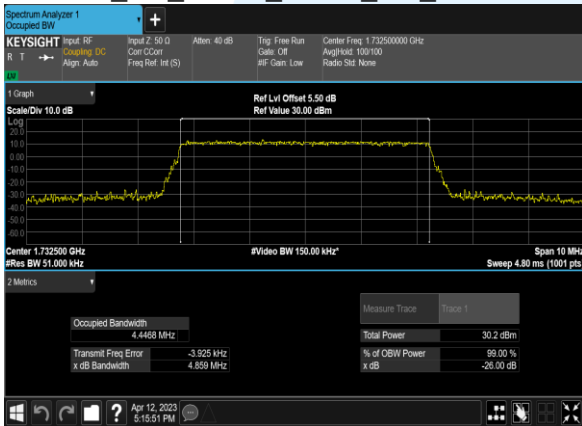
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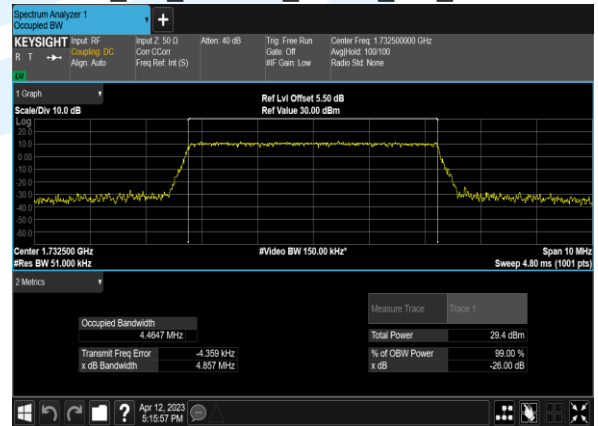
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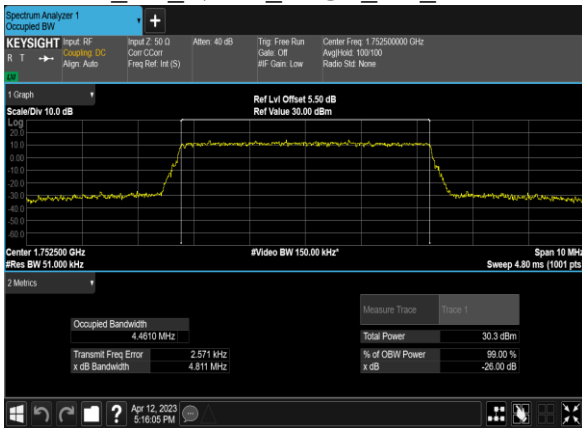
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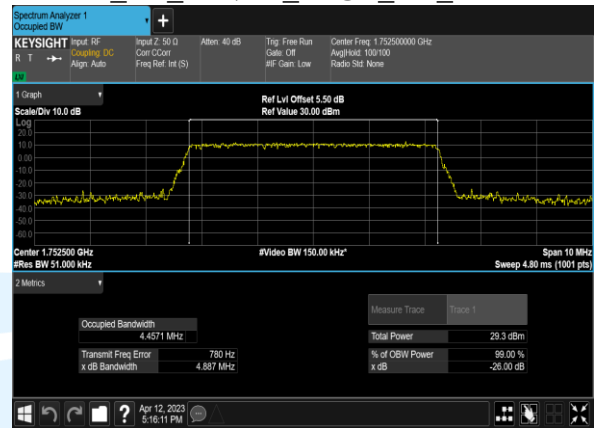
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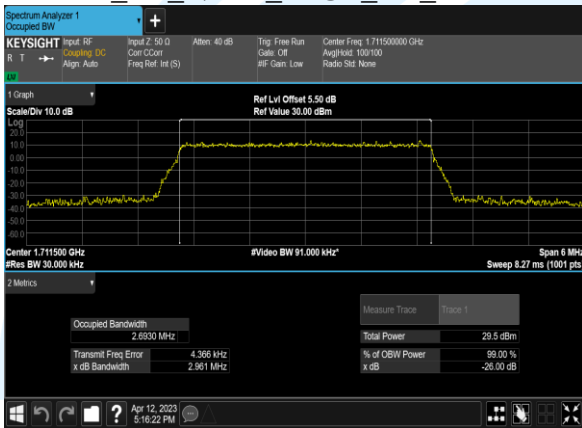
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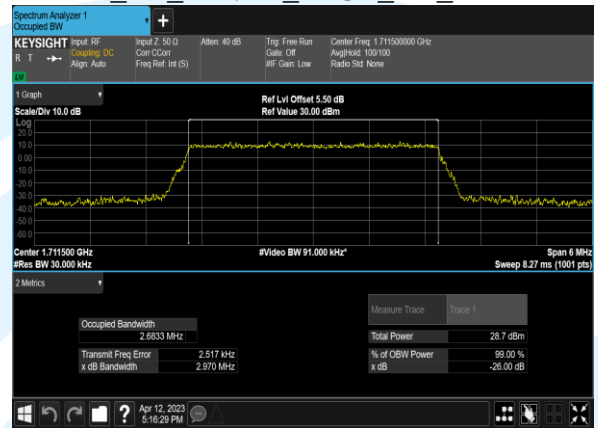
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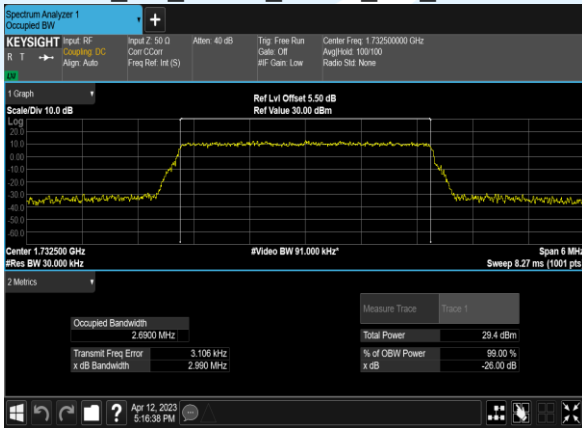
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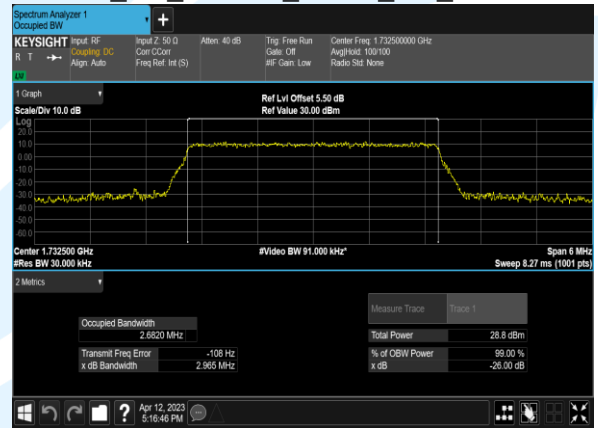
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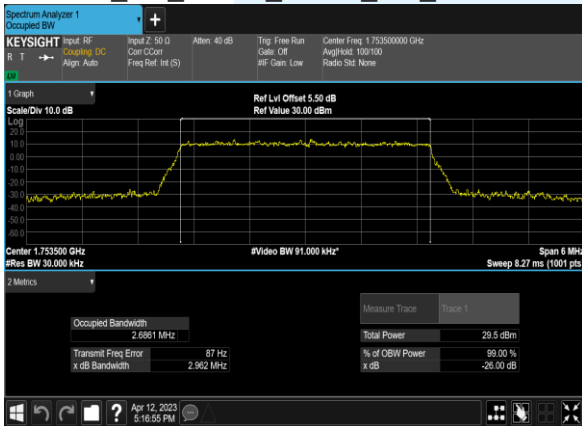
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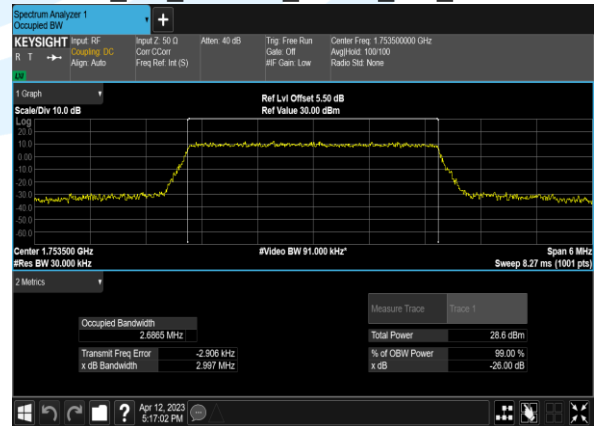
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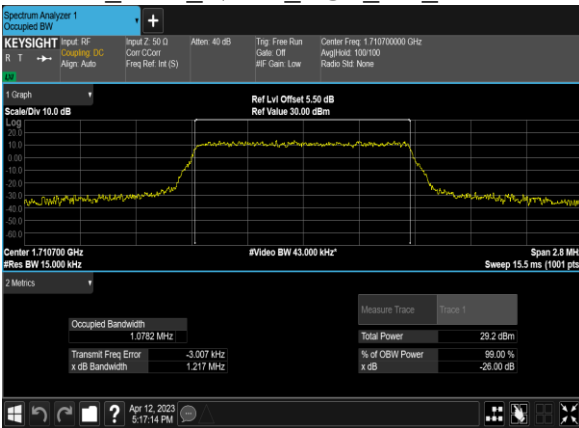
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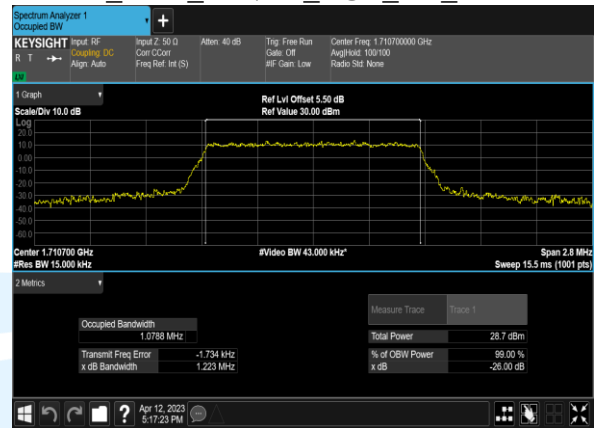
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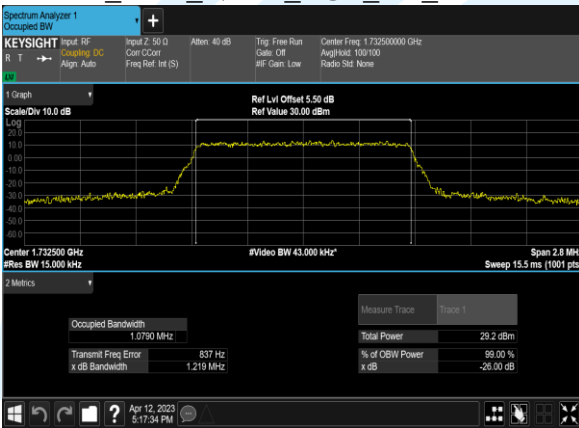
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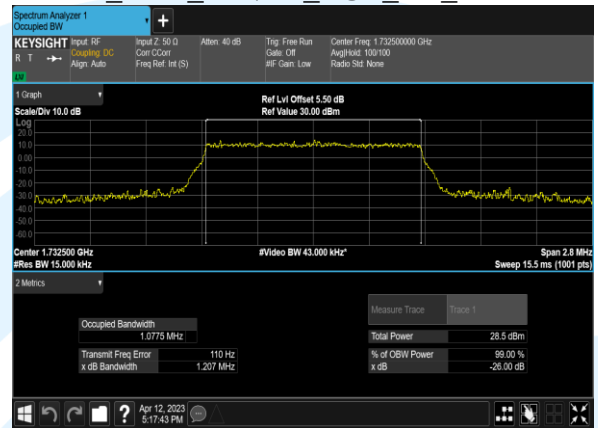
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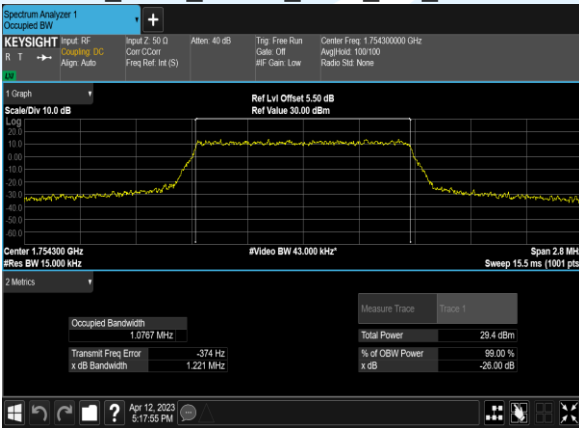
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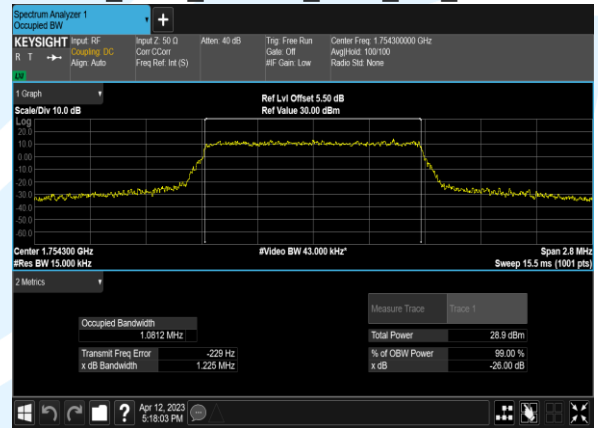
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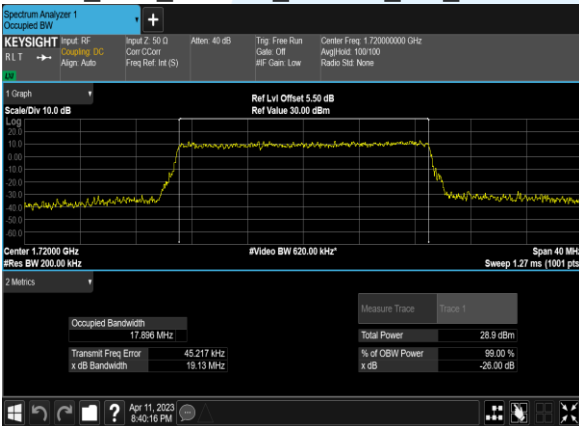
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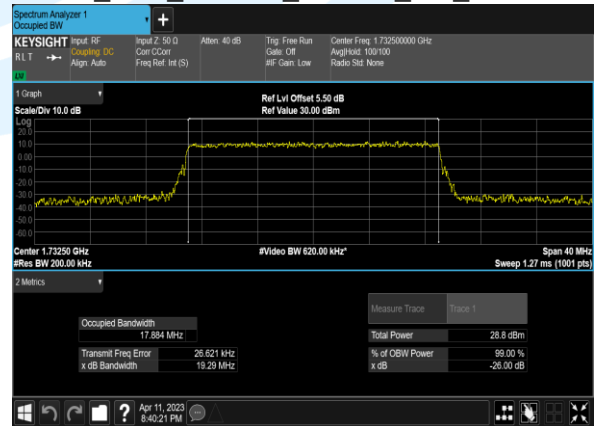
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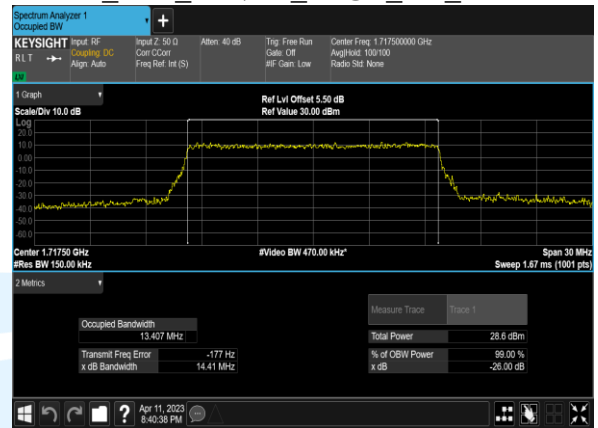
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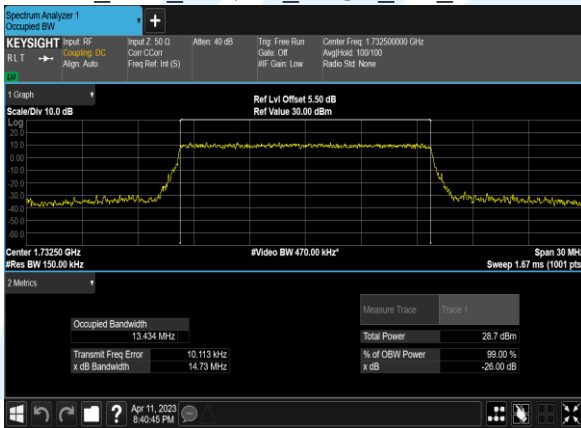
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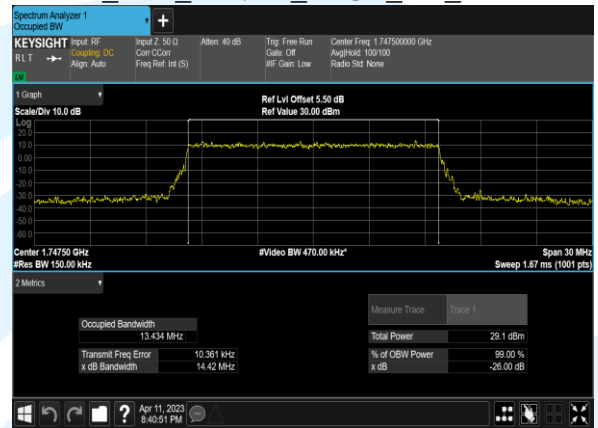
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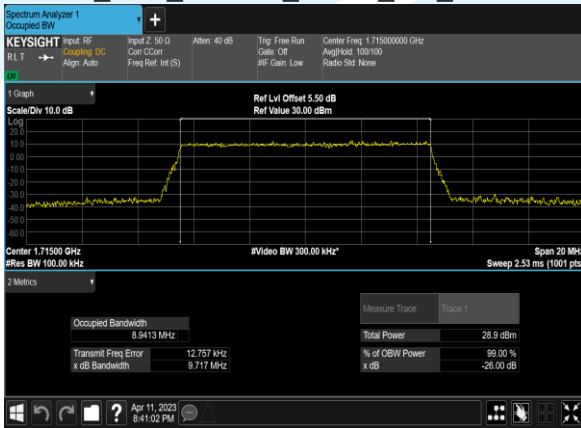
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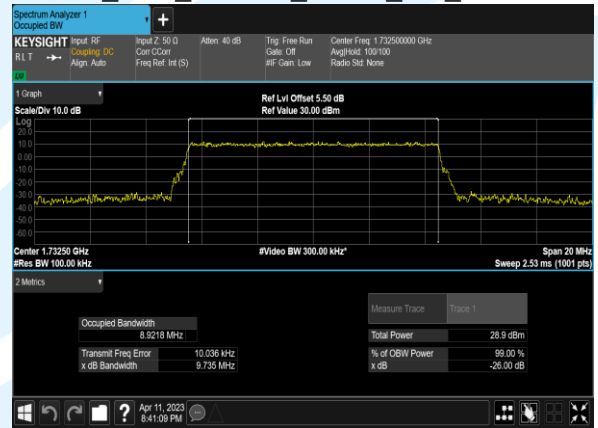
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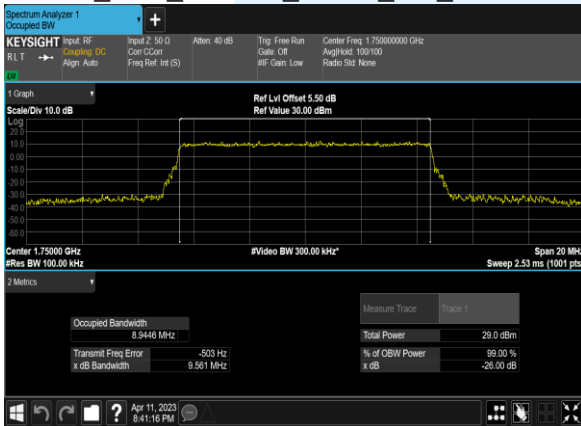
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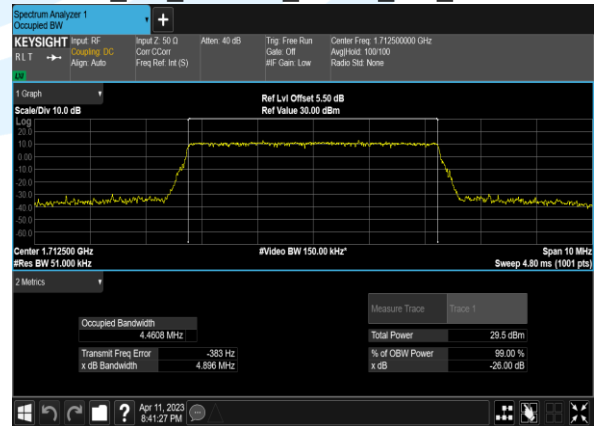
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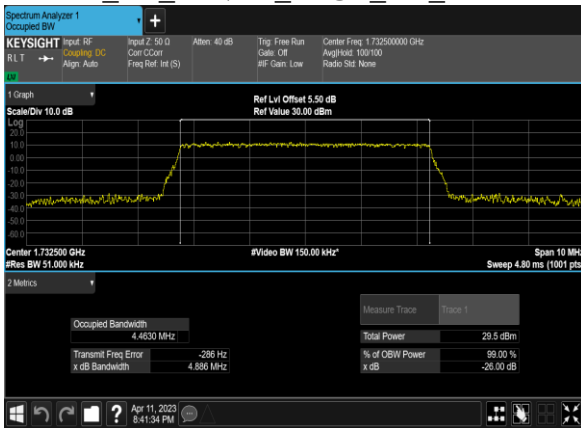
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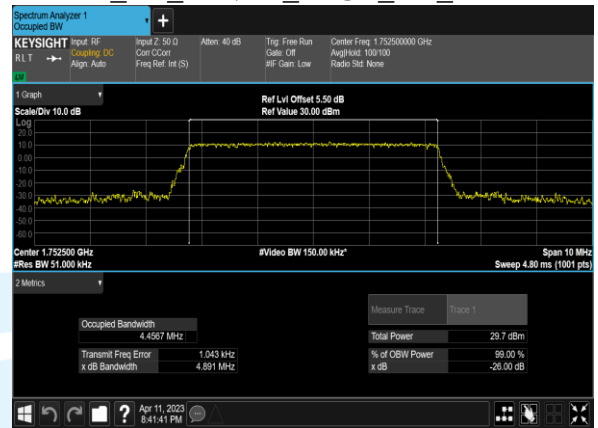
B4_5M_64QAM_25@0_CH_19975



B4_5M_64QAM_25@0_CH_20175



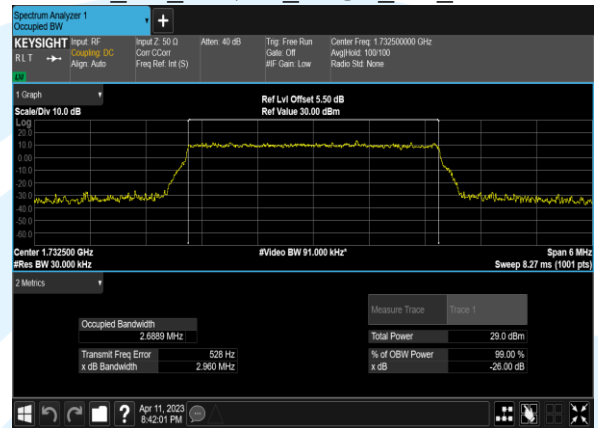
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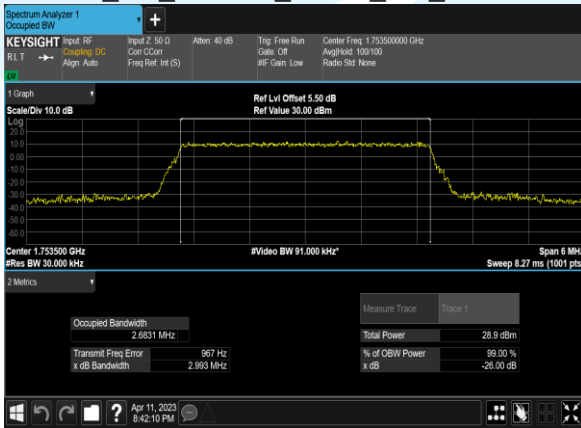
B4_3M_64QAM_15@0_CH_19965



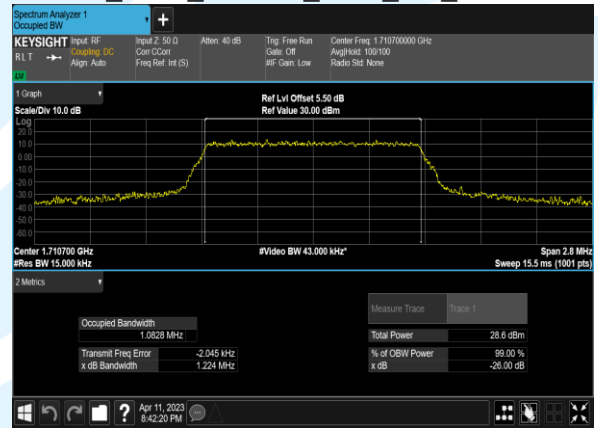
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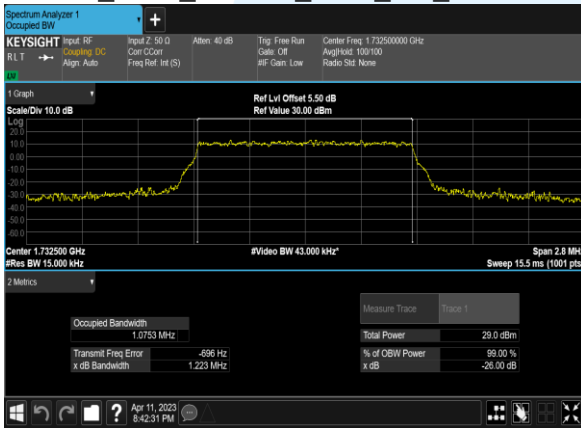
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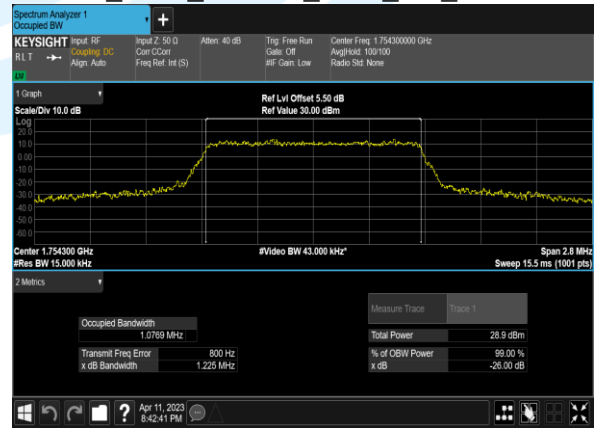
B4_1.4M_64QAM_6@0_CH_19957



B4_1.4M_64QAM_6@0_CH_20175



B4_1.4M_64QAM_6@0_CH_20393



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Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
4	20.0	20050	1720.0	QPSK	1@0	-29.83	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	-29.71	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	-29.2	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	-29.18	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	-29.76	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	-29.8	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	-29.17	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	-29.97	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	-29.86	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	-29.99	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	-29.9	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	-30.03	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	-29.86	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	-29.04	-13	PASS
4	10.0	20175	1732.5	QPSK	1@0	-30.03	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	-28.81	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	-29.07	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	-29.71	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	-28.97	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	-29.12	-13	PASS
4	5.0	20175	1732.5	QPSK	1@0	-30.3	-13	PASS
4	5.0	20175	1732.5	16QAM	1@0	-29.28	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	-29.5	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	-29.84	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	-29.22	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	-29.9	-13	PASS
4	3.0	20175	1732.5	QPSK	1@0	-28.95	-13	PASS
4	3.0	20175	1732.5	16QAM	1@0	-29.04	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	-29.9	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	-30.14	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	-29.96	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	-29.57	-13	PASS
4	1.4	20175	1732.5	QPSK	1@0	-29.48	-13	PASS
4	1.4	20175	1732.5	16QAM	1@0	-29.58	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	-27.91	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	-29.23	-13	PASS
4	20.0	20050	1720.0	64QAM	1@0	-29.59	-13	PASS
4	20.0	20175	1732.5	64QAM	1@0	-30.33	-13	PASS
4	20.0	20300	1745.0	64QAM	1@0	-30.24	-13	PASS
4	15.0	20025	1717.5	64QAM	1@0	-30.09	-13	PASS
4	15.0	20175	1732.5	64QAM	1@0	-29.85	-13	PASS
4	15.0	20325	1747.5	64QAM	1@0	-29.66	-13	PASS
4	10.0	20000	1715.0	64QAM	1@0	-30.34	-13	PASS
4	10.0	20175	1732.5	64QAM	1@0	-29.82	-13	PASS
4	10.0	20350	1750.0	64QAM	1@0	-29.98	-13	PASS
4	5.0	19975	1712.5	64QAM	1@0	-29.39	-13	PASS
4	5.0	20175	1732.5	64QAM	1@0	-30.52	-13	PASS
4	5.0	20375	1752.5	64QAM	1@0	-29.99	-13	PASS
4	3.0	19965	1711.5	64QAM	1@0	-30.12	-13	PASS
4	3.0	20175	1732.5	64QAM	1@0	-29.61	-13	PASS
4	3.0	20385	1753.5	64QAM	1@0	-29.32	-13	PASS
4	1.4	19957	1710.7	64QAM	1@0	-30.02	-13	PASS
4	1.4	20175	1732.5	64QAM	1@0	-30.29	-13	PASS
4	1.4	20393	1754.3	64QAM	1@0	-29.93	-13	PASS

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