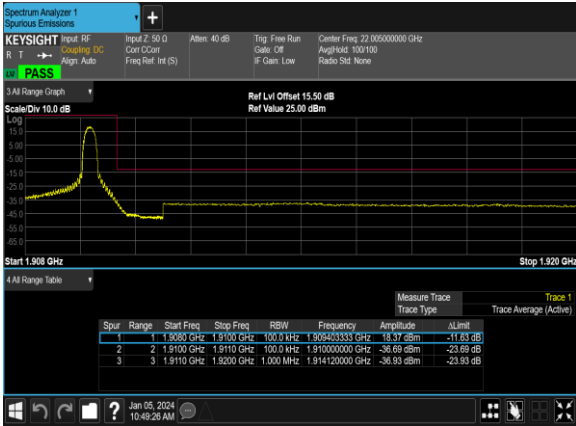
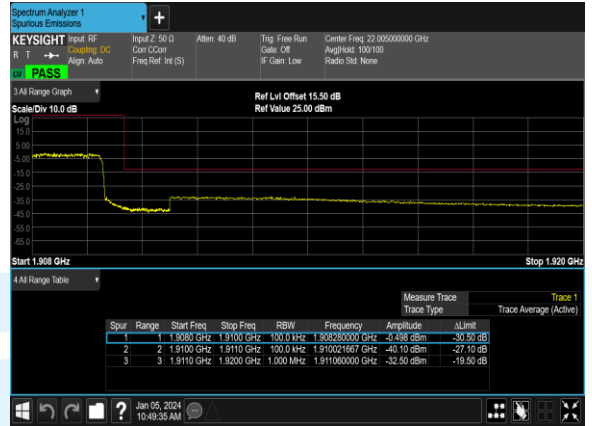


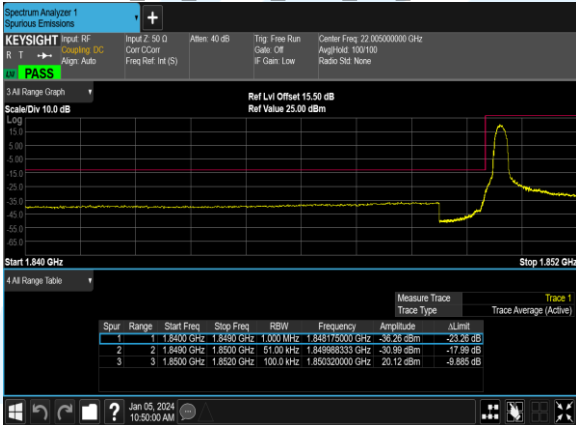
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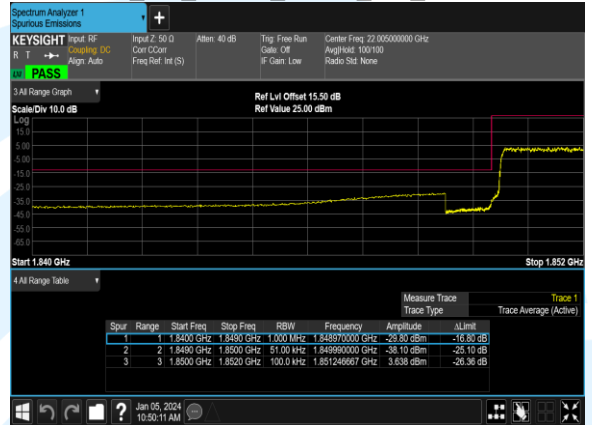
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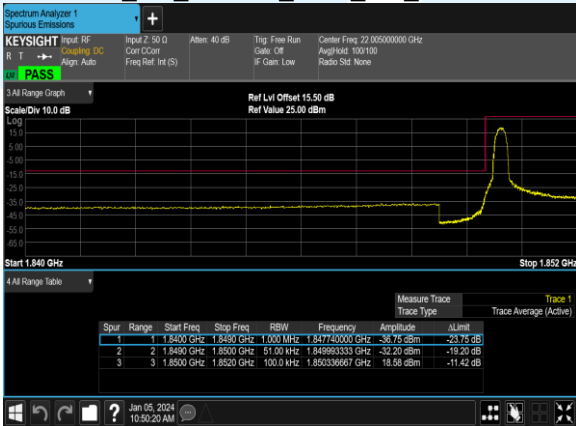
B2_5M_QPSK_1@0_CH_18625



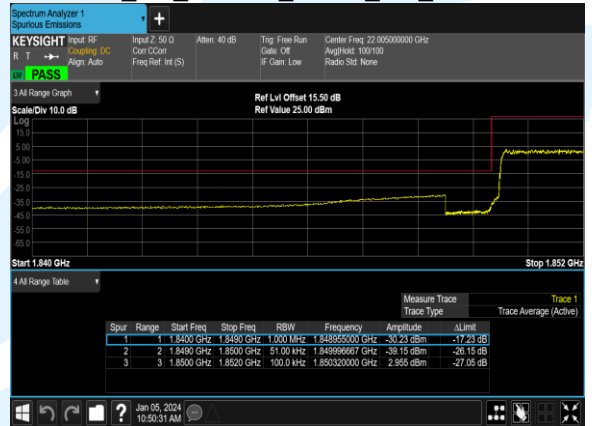
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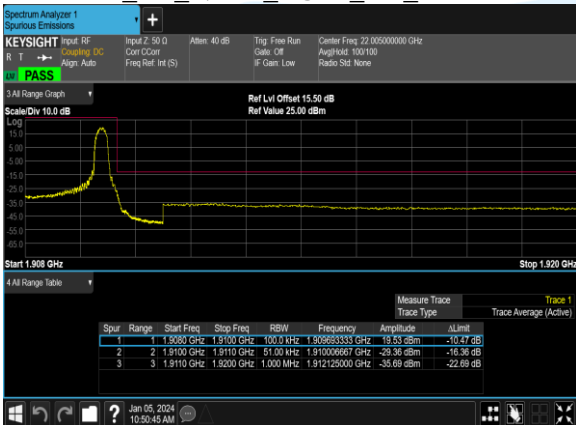
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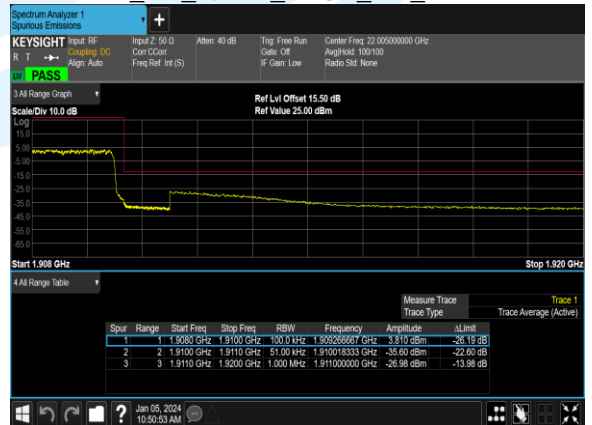
B2_5M_16QAM_25@0_CH_18625



B2_5M_QPSK_1@24_CH_19175



B2_5M_QPSK_25@0_CH_19175



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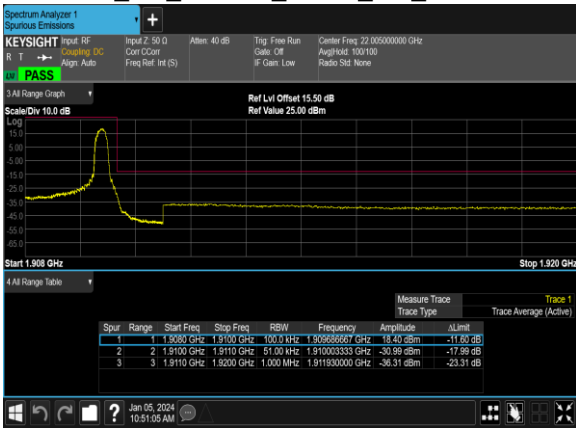
Fax: +86-755-28230886

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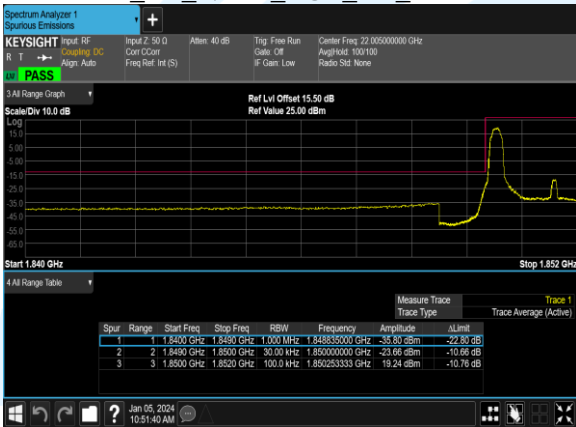
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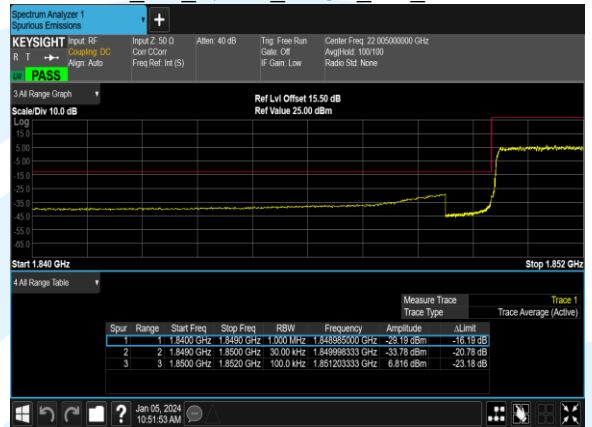
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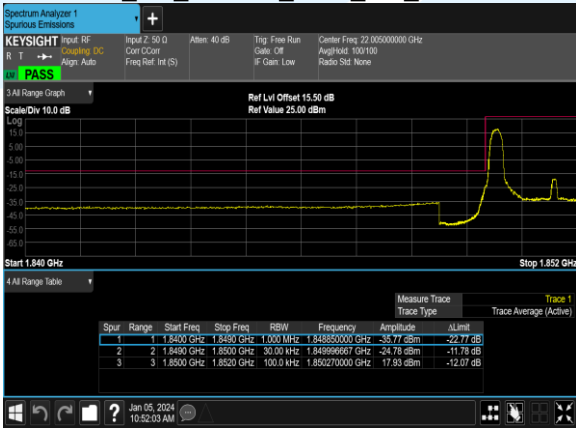
B2_3M_QPSK_1@0_CH_18615



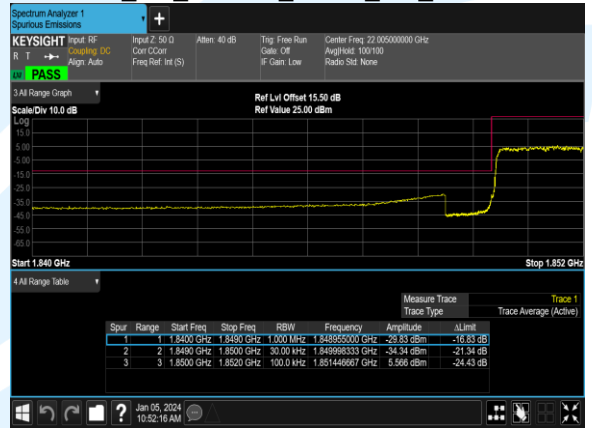
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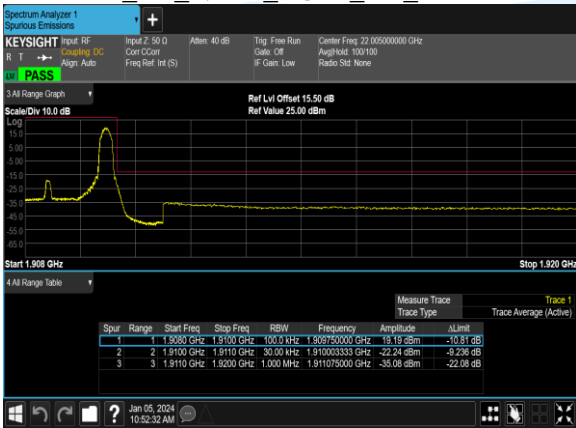
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B2_3M_16QAM_15@0 CH 18615



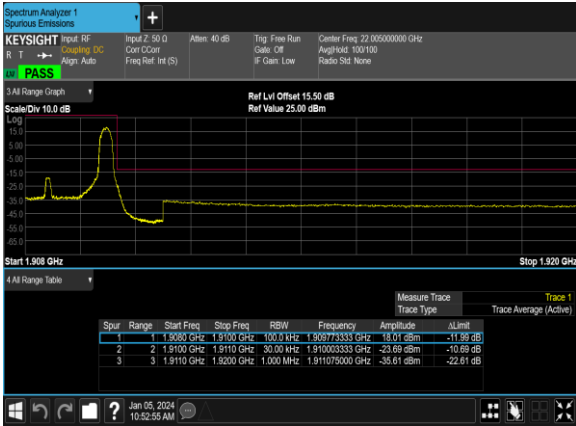
B2_3M_QPSK_1@14_CH_19185



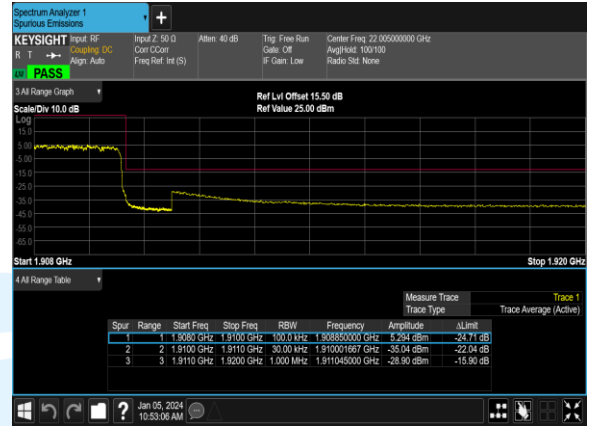
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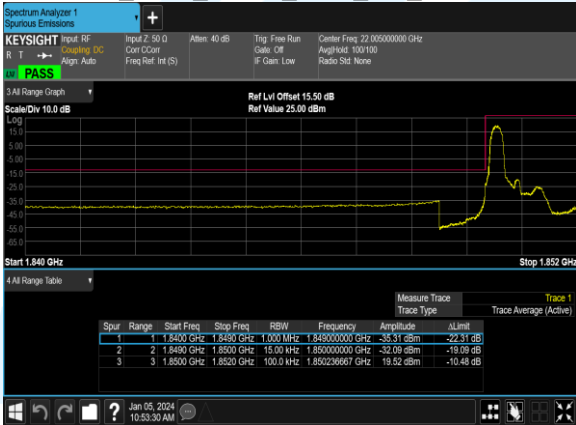
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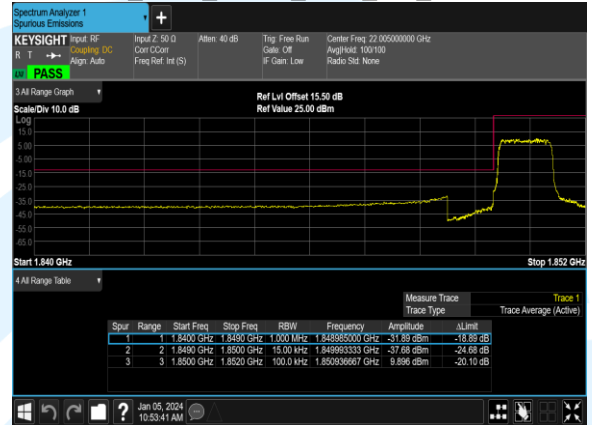
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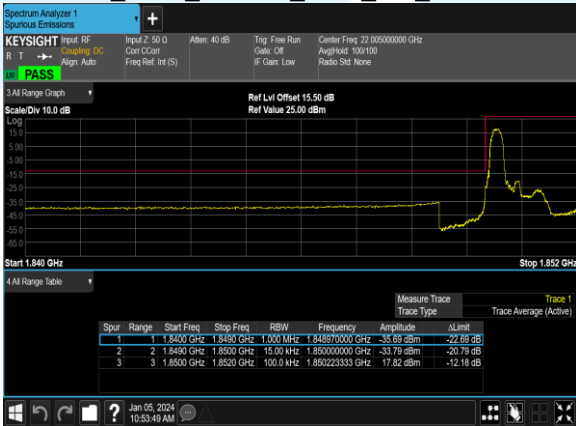
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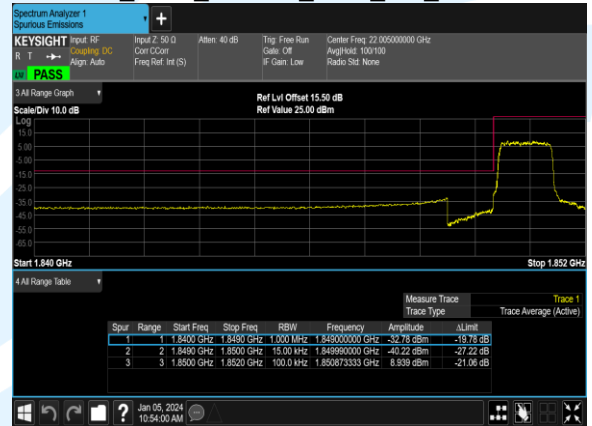
B2_1.4M_QPSK_6@0_CH_18607



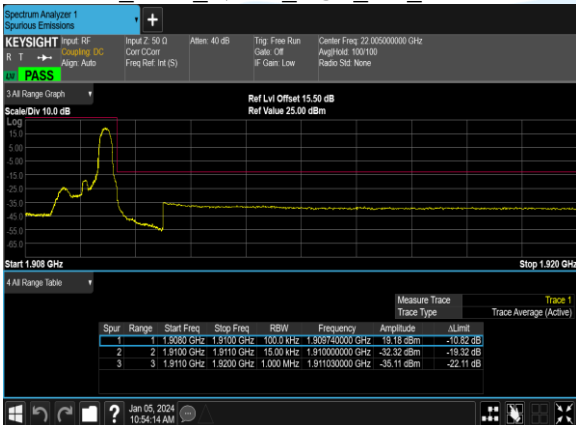
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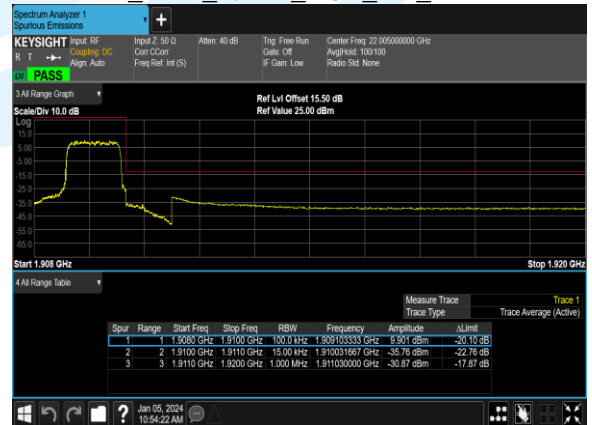
B2_1.4M_16QAM_6@0_CH_18607



B2_1.4M_QPSK_1@5_CH_19193



B2_1.4M_QPSK_6@0_CH_19193



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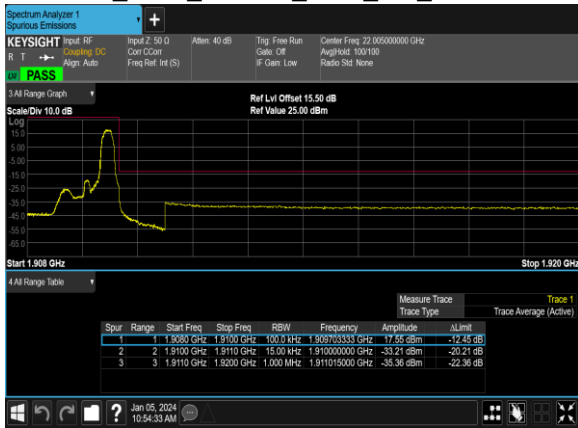
Fax: +86-755-28230886

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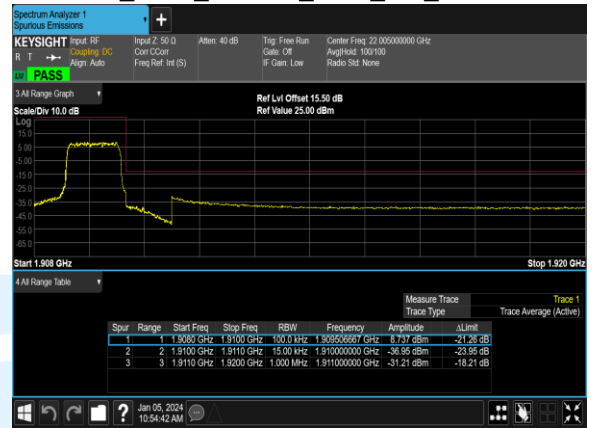
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B2_1.4M_16QAM_1@5_CH_19193



B2_1.4M_16QAM_6@0_CH_19193



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A.2 LTE BAND 4

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
4	20.0	20050	1720.0	QPSK	100@0	5.40	13	PASS
4	20.0	20050	1720.0	16QAM	100@0	6.13	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.35	13	PASS
4	20.0	20175	1732.5	16QAM	100@0	6.14	13	PASS
4	20.0	20300	1745.0	QPSK	100@0	5.24	13	PASS
4	20.0	20300	1745.0	16QAM	100@0	6.00	13	PASS
4	15.0	20025	1717.5	QPSK	75@0	5.14	13	PASS
4	15.0	20025	1717.5	16QAM	75@0	6.04	13	PASS
4	15.0	20175	1732.5	QPSK	75@0	5.30	13	PASS
4	15.0	20175	1732.5	16QAM	75@0	6.08	13	PASS
4	15.0	20325	1747.5	QPSK	75@0	5.16	13	PASS
4	15.0	20325	1747.5	16QAM	75@0	5.98	13	PASS
4	10.0	20000	1715.0	QPSK	50@0	5.20	13	PASS
4	10.0	20000	1715.0	16QAM	50@0	6.11	13	PASS
4	10.0	20175	1732.5	QPSK	50@0	5.40	13	PASS
4	10.0	20175	1732.5	16QAM	50@0	6.14	13	PASS
4	10.0	20350	1750.0	QPSK	50@0	5.24	13	PASS
4	10.0	20350	1750.0	16QAM	50@0	6.02	13	PASS
4	5.0	19975	1712.5	QPSK	25@0	5.18	13	PASS
4	5.0	19975	1712.5	16QAM	25@0	6.01	13	PASS
4	5.0	20175	1732.5	QPSK	25@0	5.47	13	PASS
4	5.0	20175	1732.5	16QAM	25@0	6.16	13	PASS
4	5.0	20375	1752.5	QPSK	25@0	5.30	13	PASS
4	5.0	20375	1752.5	16QAM	25@0	5.98	13	PASS
4	3.0	19965	1711.5	QPSK	15@0	5.21	13	PASS
4	3.0	19965	1711.5	16QAM	15@0	5.98	13	PASS
4	3.0	20175	1732.5	QPSK	15@0	5.35	13	PASS
4	3.0	20175	1732.5	16QAM	15@0	6.15	13	PASS
4	3.0	20385	1753.5	QPSK	15@0	5.16	13	PASS
4	3.0	20385	1753.5	16QAM	15@0	5.98	13	PASS
4	1.4	19957	1710.7	QPSK	6@0	5.12	13	PASS
4	1.4	19957	1710.7	16QAM	6@0	5.94	13	PASS
4	1.4	20175	1732.5	QPSK	6@0	5.32	13	PASS
4	1.4	20175	1732.5	16QAM	6@0	6.10	13	PASS
4	1.4	20393	1754.3	QPSK	6@0	5.19	13	PASS
4	1.4	20393	1754.3	16QAM	6@0	6.00	13	PASS

Test Graphs

B4_20M_QPSK_100@0_CH_20050



B4_20M_16QAM_100@0_CH_20050



B4_20M_QPSK_100@0_CH_20175



B4_20M_16QAM_100@0_CH_20175



B4_20M_QPSK_100@0_CH_20300



B4_20M_16QAM_100@0_CH_20300



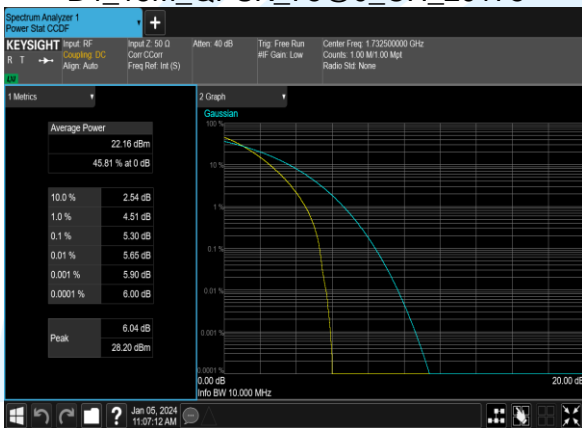
B4_15M_QPSK_75@0_CH_20025



B4_15M_16QAM_75@0_CH_20025



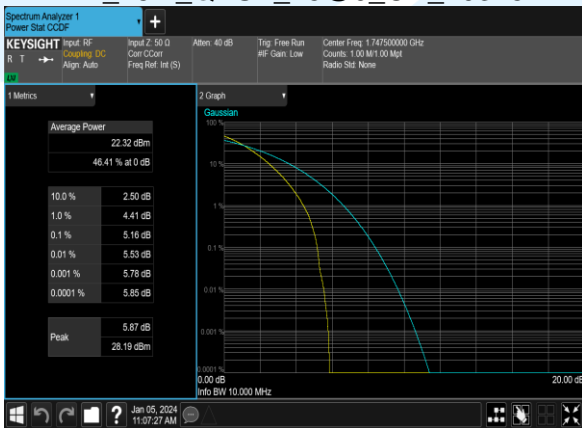
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B4_15M_16QAM_75@0_CH_20175



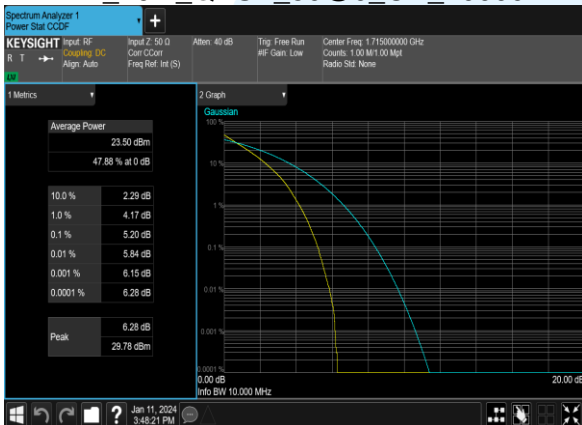
B4_15M_QPSK_75@0_CH_20325



B4_15M_16QAM_75@0_CH_20325



B4_10M_QPSK_50@0_CH_20000



B4_10M_16QAM_50@0_CH_20000



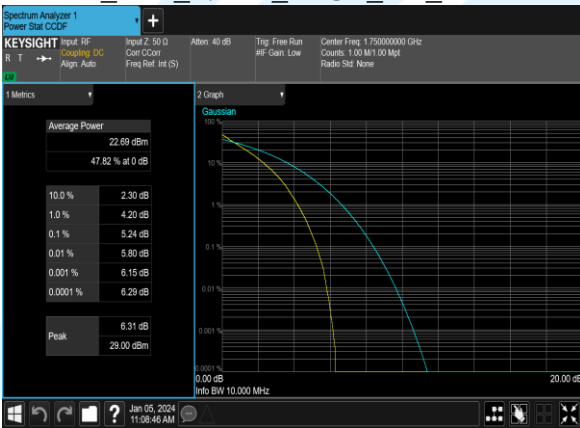
B4_10M_QPSK_50@0_CH_20175



B4_10M_16QAM_50@0_CH_20175



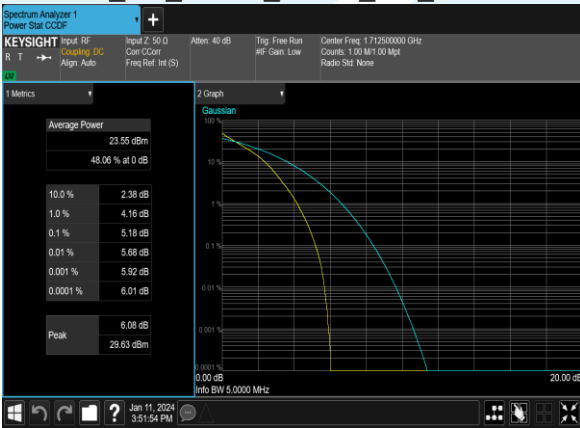
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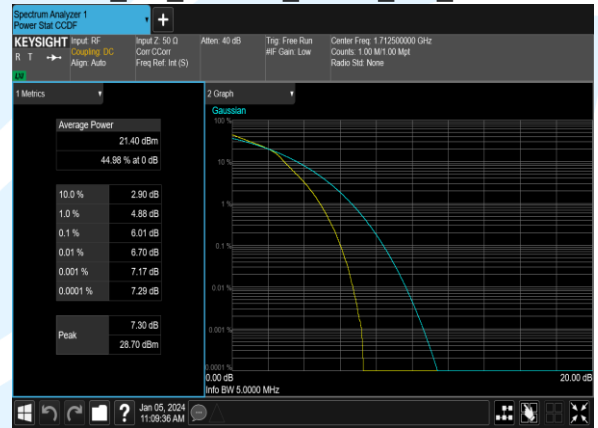
B4_10M_16QAM_50@0_CH_20350



B4_5M_QPSK_25@0_CH_19975



B4_5M_16QAM_25@0_CH_19975



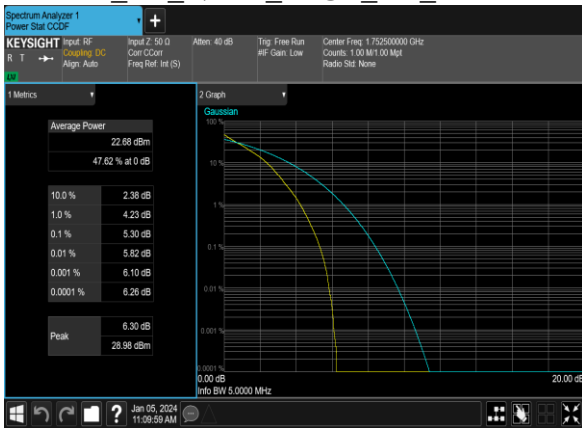
B4_5M_QPSK_25@0_CH_20175



B4_5M_16QAM_25@0_CH_20175



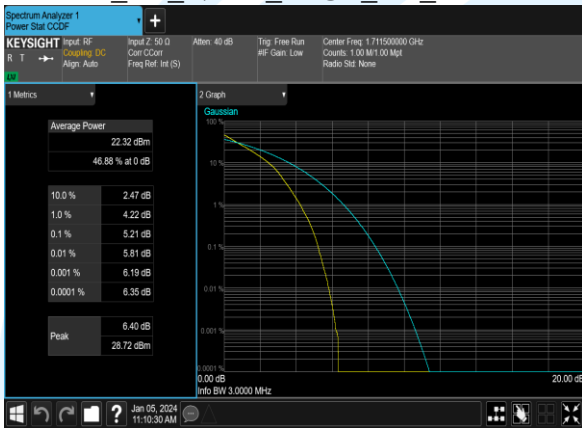
B4_5M_QPSK_25@0_CH_20375



B4_5M_16QAM_25@0_CH_20375



B4_3M_QPSK_15@0_CH_19965



B4_3M_16QAM_15@0_CH_19965



B4_3M_QPSK_15@0_CH_20175



B4_3M_16QAM_15@0_CH_20175



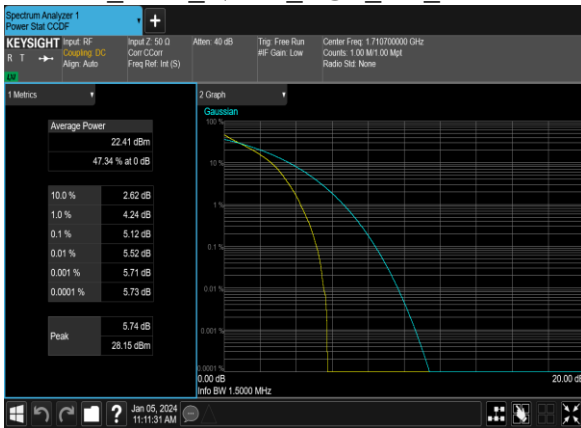
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B4_3M_16QAM_15@0_CH_20385



B4_1.4M_QPSK_6@0_CH_19957



B4_1.4M_16QAM_6@0_CH_19957



B4_1.4M_QPSK_6@0_CH_20175



B4_1.4M_16QAM_6@0_CH_20175



B4_1.4M_QPSK_6@0_CH_20393



B4_1.4M_16QAM_6@0_CH_20393

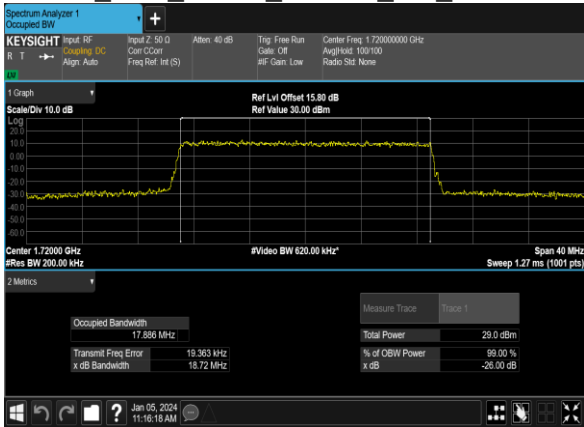


Occupied Bandwidth

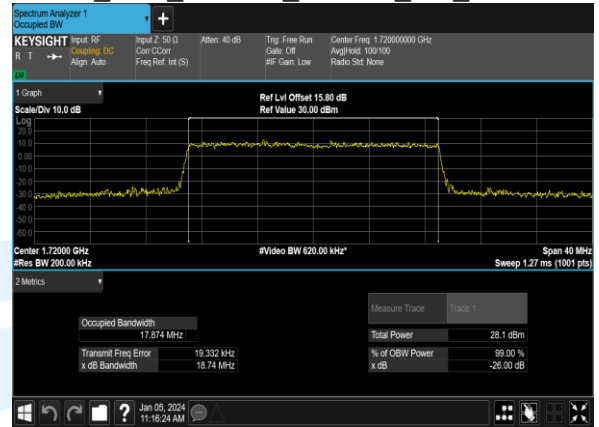
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
4	20.0	20050	1720.0	QPSK	100@0	17.886	18.72
4	20.0	20050	1720.0	16QAM	100@0	17.874	18.74
4	20.0	20175	1732.5	QPSK	100@0	17.838	18.85
4	20.0	20175	1732.5	16QAM	100@0	17.845	18.84
4	20.0	20300	1745.0	QPSK	100@0	17.843	18.87
4	20.0	20300	1745.0	16QAM	100@0	17.839	18.83
4	15.0	20025	1717.5	QPSK	75@0	13.405	14.13
4	15.0	20025	1717.5	16QAM	75@0	13.397	14.31
4	15.0	20175	1732.5	QPSK	75@0	13.412	14.23
4	15.0	20175	1732.5	16QAM	75@0	13.384	14.23
4	15.0	20325	1747.5	QPSK	75@0	13.394	14.18
4	15.0	20325	1747.5	16QAM	75@0	13.415	14.26
4	10.0	20000	1715.0	QPSK	50@0	8.9194	9.591
4	10.0	20000	1715.0	16QAM	50@0	8.9125	9.583
4	10.0	20175	1732.5	QPSK	50@0	8.9227	9.581
4	10.0	20175	1732.5	16QAM	50@0	8.9395	9.423
4	10.0	20350	1750.0	QPSK	50@0	8.9379	9.497
4	10.0	20350	1750.0	16QAM	50@0	8.9363	9.428
4	5.0	19975	1712.5	QPSK	25@0	4.4564	4.804
4	5.0	19975	1712.5	16QAM	25@0	4.4615	4.840
4	5.0	20175	1732.5	QPSK	25@0	4.4572	4.806
4	5.0	20175	1732.5	16QAM	25@0	4.4668	4.754
4	5.0	20375	1752.5	QPSK	25@0	4.4521	4.765
4	5.0	20375	1752.5	16QAM	25@0	4.4622	4.772
4	3.0	19965	1711.5	QPSK	15@0	2.6775	2.891
4	3.0	19965	1711.5	16QAM	15@0	2.6719	2.914
4	3.0	20175	1732.5	QPSK	15@0	2.6745	2.886
4	3.0	20175	1732.5	16QAM	15@0	2.6671	2.896
4	3.0	20385	1753.5	QPSK	15@0	2.6762	2.913
4	3.0	20385	1753.5	16QAM	15@0	2.6768	2.883
4	1.4	19957	1710.7	QPSK	6@0	1.0757	1.232
4	1.4	19957	1710.7	16QAM	6@0	1.0778	1.230
4	1.4	20175	1732.5	QPSK	6@0	1.0749	1.221
4	1.4	20175	1732.5	16QAM	6@0	1.0774	1.227
4	1.4	20393	1754.3	QPSK	6@0	1.0799	1.245
4	1.4	20393	1754.3	16QAM	6@0	1.0751	1.228

Test Graphs

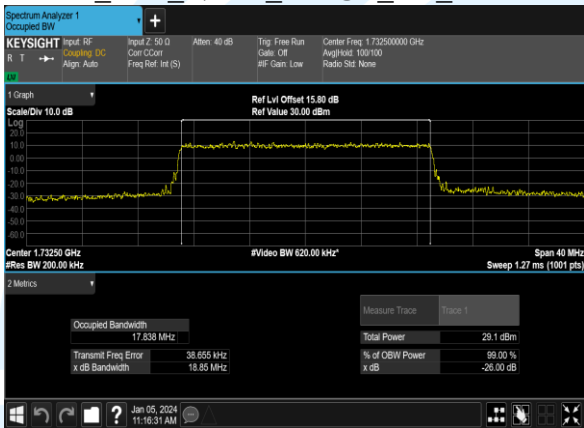
B4_20M_QPSK_100@0_CH_20050



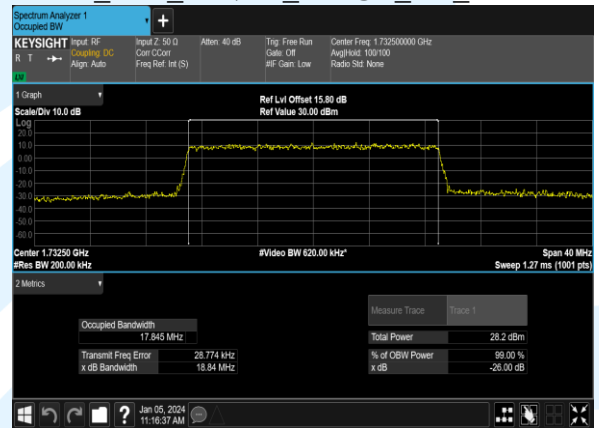
B4_20M_16QAM_100@0_CH_20050



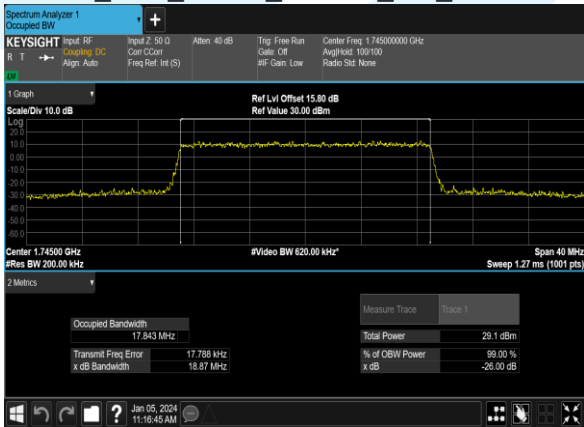
B4_20M_QPSK_100@0_CH_20175



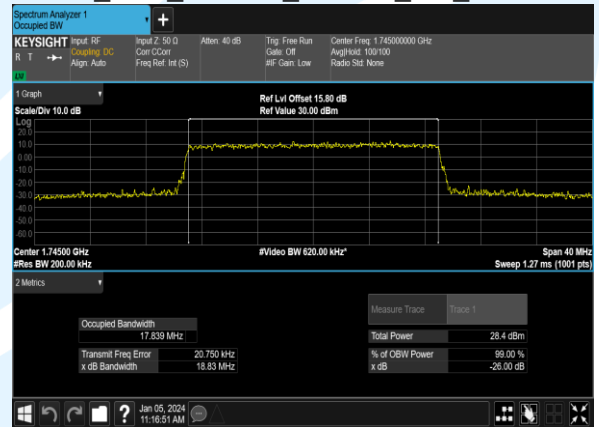
B4_20M_16QAM_100@0_CH_20175



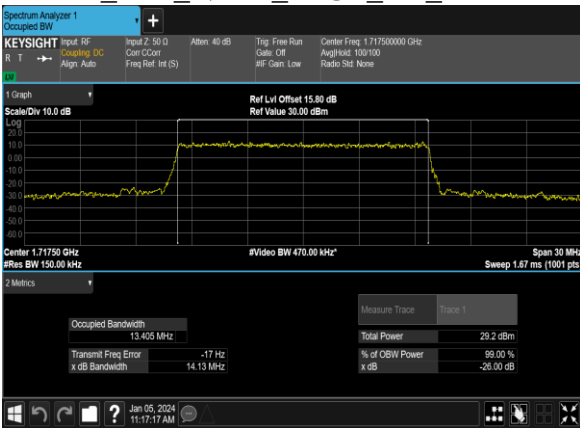
B4_20M_QPSK_100@0_CH_20300



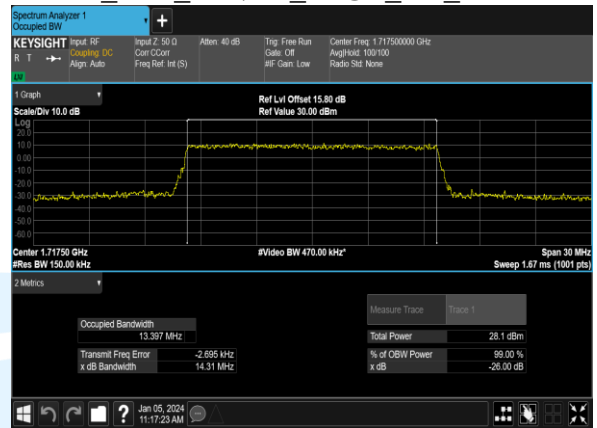
B4_20M_16QAM_100@0_CH_20300



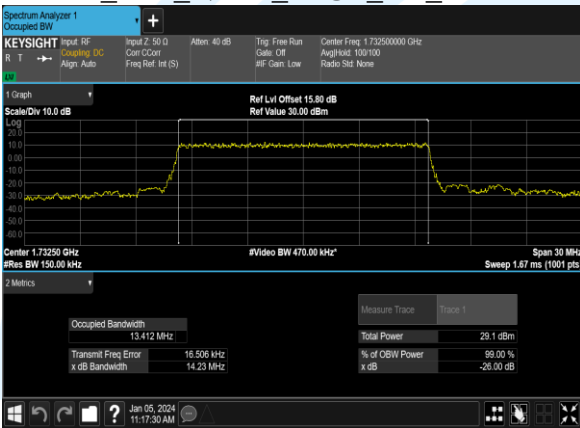
B4_15M_QPSK_75@0_CH_20025



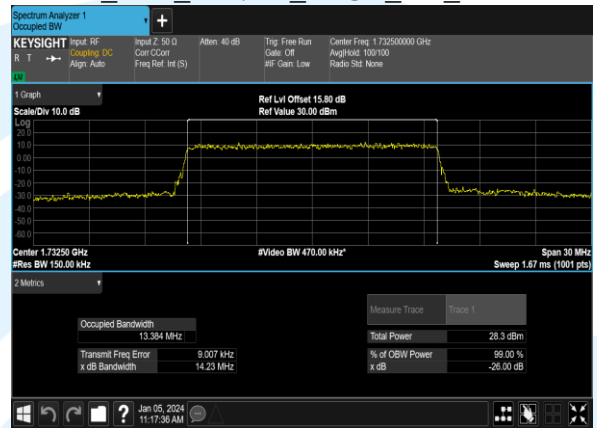
B4_15M_16QAM_75@0_CH_20025



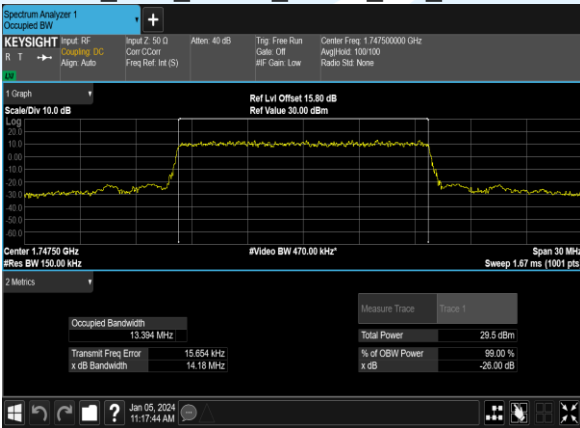
B4_15M_QPSK_75@0_CH_20175



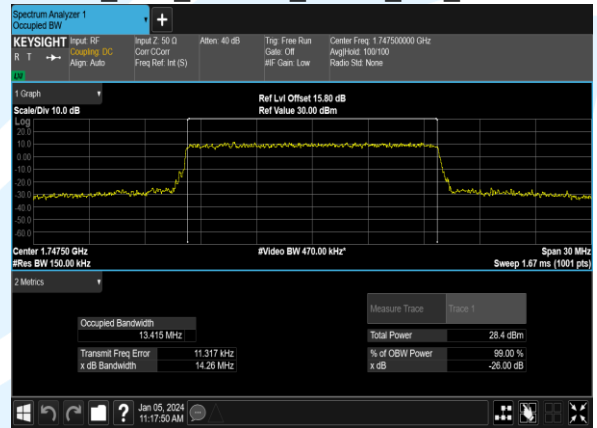
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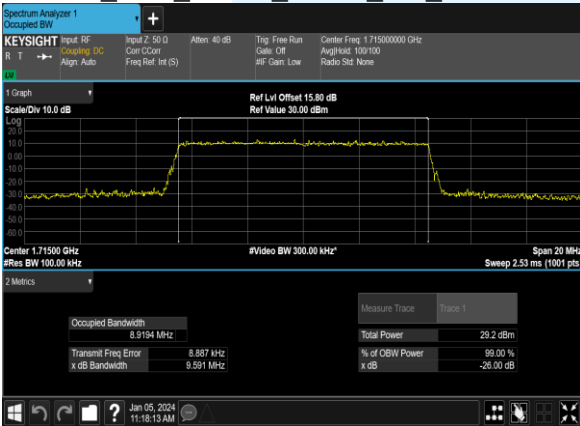
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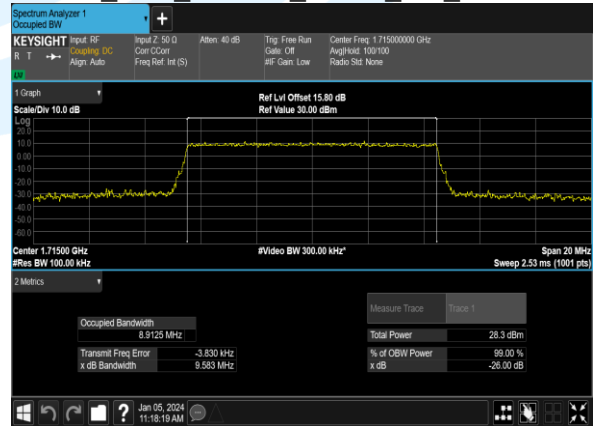
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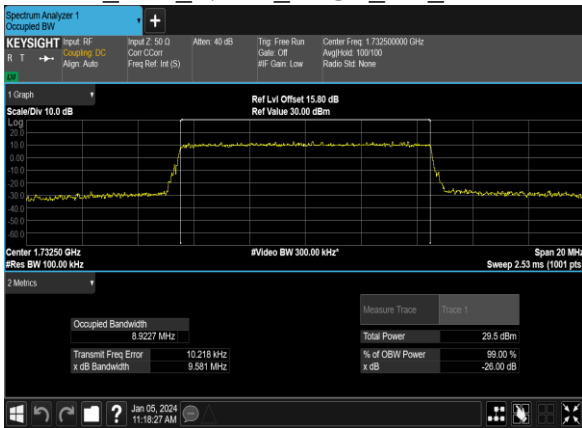
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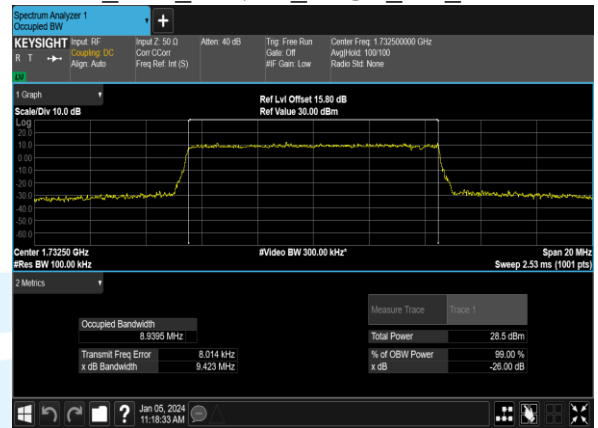
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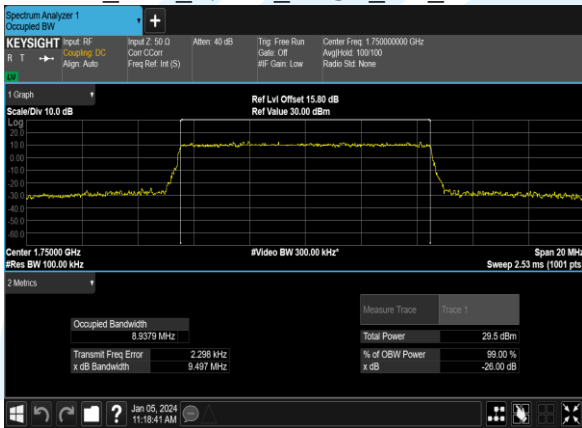
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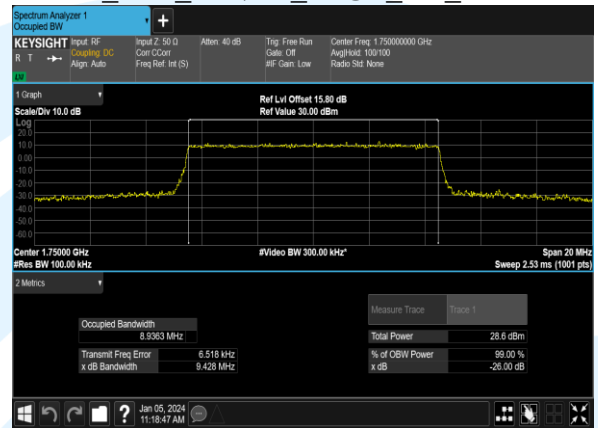
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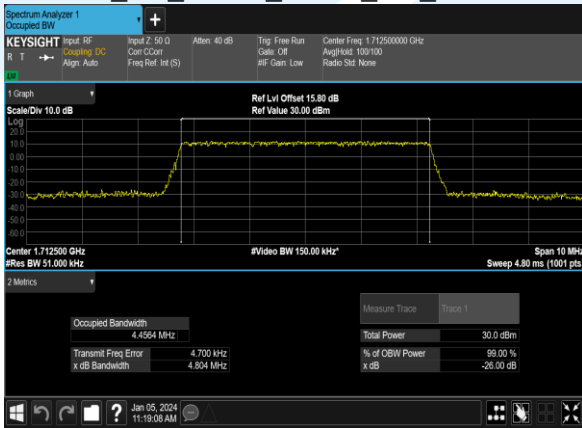
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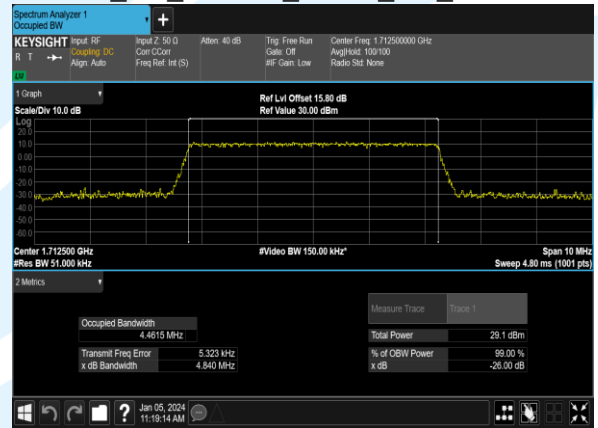
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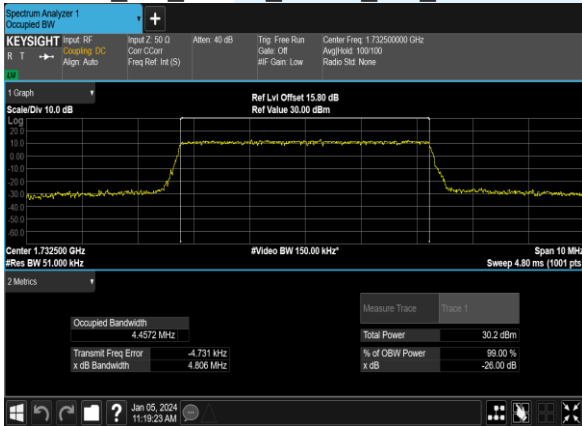
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B4_5M_16QAM_25@0_CH_19975



B4_5M_QPSK_25@0_CH_20175



B4_5M_16QAM_25@0_CH_20175

