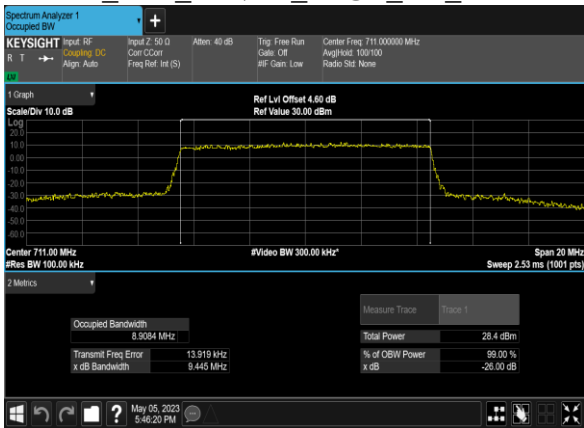
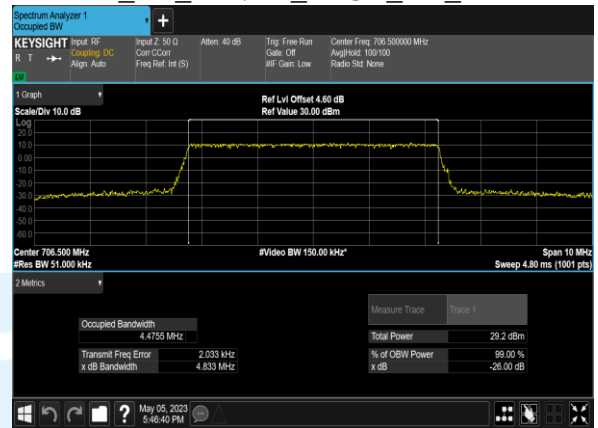


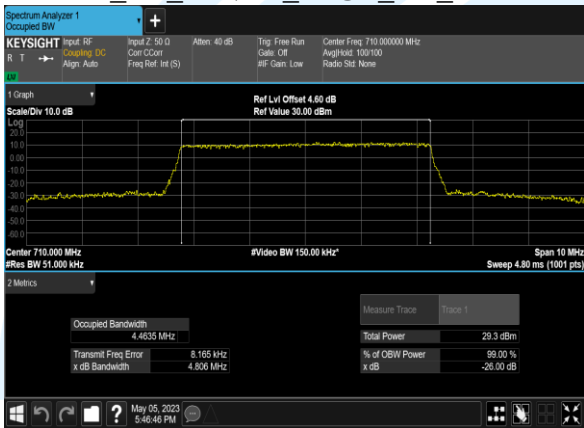
B17_10M_64QAM_50@0_CH_23800



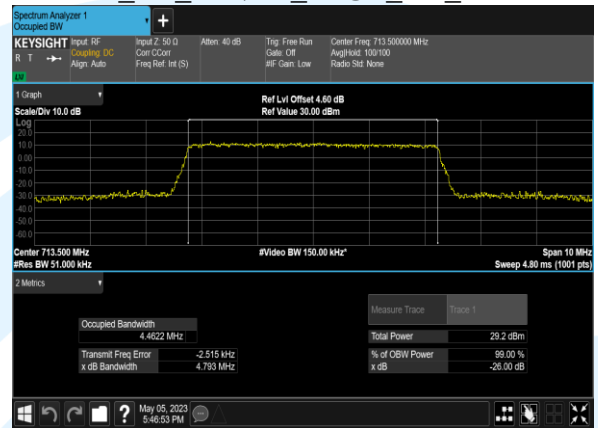
B17_5M_64QAM_25@0_CH_23755



B17_5M_64QAM_25@0_CH_23790



B17_5M_64QAM_25@0_CH_23825



Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
17	10.0	23780	709.0	QPSK	1@0	-31.18	-13	PASS
17	10.0	23780	709.0	16QAM	1@0	-30.75	-13	PASS
17	10.0	23790	710.0	QPSK	1@0	-31.21	-13	PASS
17	10.0	23790	710.0	16QAM	1@0	-31.56	-13	PASS
17	10.0	23800	711.0	QPSK	1@0	-30.34	-13	PASS
17	10.0	23800	711.0	16QAM	1@0	-31.46	-13	PASS
17	5.0	23755	706.5	QPSK	1@0	-31.26	-13	PASS
17	5.0	23755	706.5	16QAM	1@0	-31.12	-13	PASS
17	5.0	23790	710.0	QPSK	1@0	-31.21	-13	PASS
17	5.0	23790	710.0	16QAM	1@0	-31.45	-13	PASS
17	5.0	23825	713.5	QPSK	1@0	-30.88	-13	PASS
17	5.0	23825	713.5	16QAM	1@0	-31.15	-13	PASS

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
17	10.0	23780	709.0	64QAM	1@0	-29.77	-13	PASS
17	10.0	23790	710.0	64QAM	1@0	-31.03	-13	PASS
17	10.0	23800	711.0	64QAM	1@0	-31.04	-13	PASS
17	5.0	23755	706.5	64QAM	1@0	-30.28	-13	PASS
17	5.0	23790	710.0	64QAM	1@0	-30.75	-13	PASS
17	5.0	23825	713.5	64QAM	1@0	-31.43	-13	PASS

Test Graphs

B17_10M_QPSK_1@0_CH_23780



B17_10M_16QAM_1@0_CH_23780



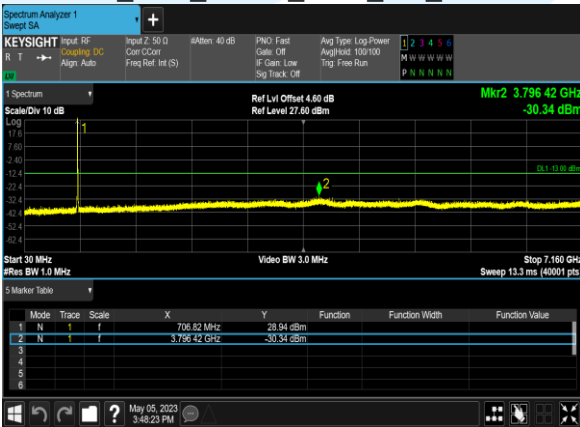
B17_10M_QPSK_1@0_CH_23790



B17_10M_16QAM_1@0_CH_23790



B17_10M_QPSK_1@0_CH_23800



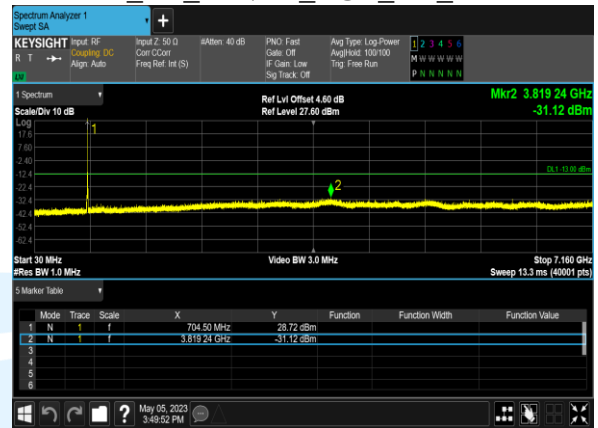
B17_10M_16QAM_1@0_CH_23800



B17_5M_QPSK_1@0_CH_23755



B17_5M_16QAM_1@0_CH_23755



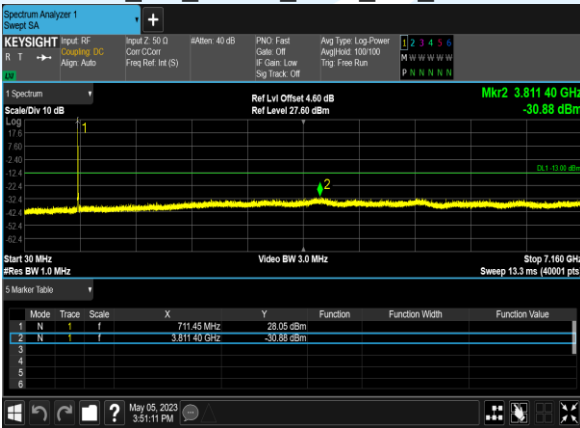
B17_5M_QPSK_1@0_CH_23790



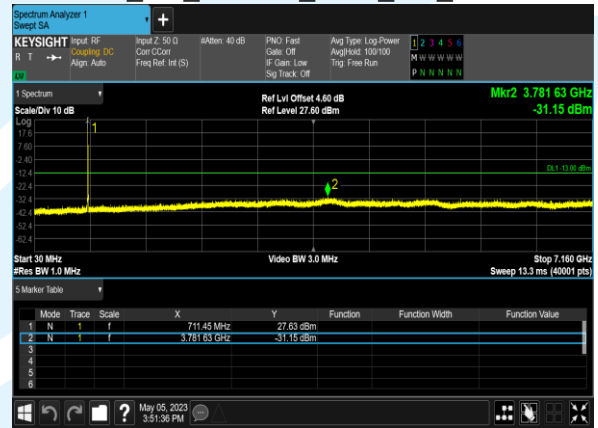
B17_5M_16QAM_1@0_CH_23790



B17_5M_QPSK_1@0_CH_23825



B17_5M_16QAM_1@0_CH_23825



B17_10M_64QAM_1@0_CH_23780



B17_10M_64QAM_1@0_CH_23790



B17_10M_64QAM_1@0_CH_23800



B17_5M_64QAM_1@0_CH_23755



B17_5M_64QAM_1@0_CH_23790



B17_5M_64QAM_1@0_CH_23825



Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
17	10.0	23780	709.0	QPSK	1@0	see graph	PASS
17	10.0	23780	709.0	QPSK	50@0	see graph	PASS
17	10.0	23780	709.0	16QAM	1@0	see graph	PASS
17	10.0	23780	709.0	16QAM	50@0	see graph	PASS
17	10.0	23800	711.0	QPSK	1@49	see graph	PASS
17	10.0	23800	711.0	QPSK	50@0	see graph	PASS
17	10.0	23800	711.0	16QAM	1@49	see graph	PASS
17	10.0	23800	711.0	16QAM	50@0	see graph	PASS
17	5.0	23755	706.5	QPSK	1@0	see graph	PASS
17	5.0	23755	706.5	QPSK	25@0	see graph	PASS
17	5.0	23755	706.5	16QAM	1@0	see graph	PASS
17	5.0	23755	706.5	16QAM	25@0	see graph	PASS
17	5.0	23825	713.5	QPSK	1@24	see graph	PASS
17	5.0	23825	713.5	QPSK	25@0	see graph	PASS
17	5.0	23825	713.5	16QAM	1@24	see graph	PASS
17	5.0	23825	713.5	16QAM	25@0	see graph	PASS

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
17	10.0	23780	709.0	64QAM	1@0	see graph	PASS
17	10.0	23780	709.0	64QAM	50@0	see graph	PASS
17	10.0	23800	711.0	64QAM	1@49	see graph	PASS
17	10.0	23800	711.0	64QAM	50@0	see graph	PASS
17	5.0	23755	706.5	64QAM	1@0	see graph	PASS
17	5.0	23755	706.5	64QAM	25@0	see graph	PASS
17	5.0	23825	713.5	64QAM	1@24	see graph	PASS
17	5.0	23825	713.5	64QAM	25@0	see graph	PASS

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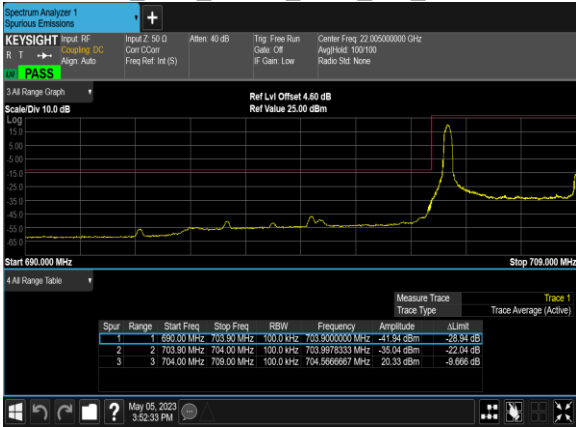
E-mail: info@uttlab.com

<http://www.uttlab.com>

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Test Graphs

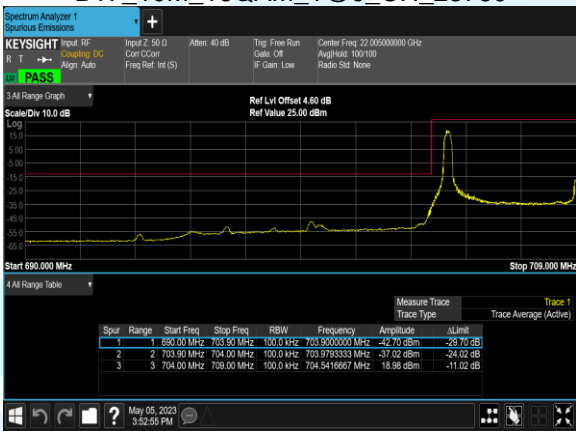
B17_10M_QPSK_1@0_CH_23780



B17_10M_QPSK_50@0_CH_23780



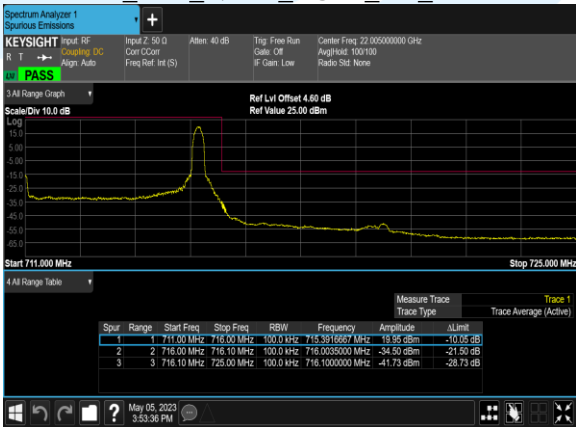
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B17_10M_16QAM_50@0_CH_23780



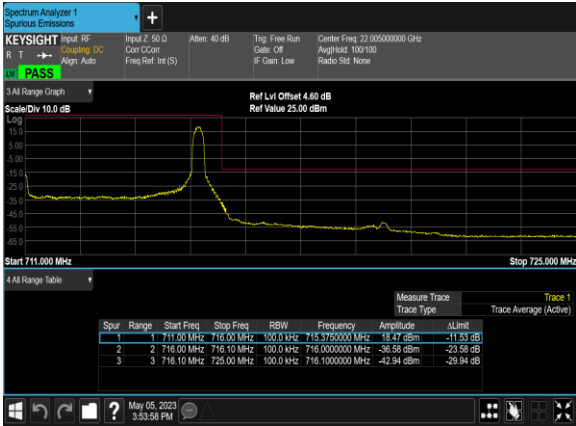
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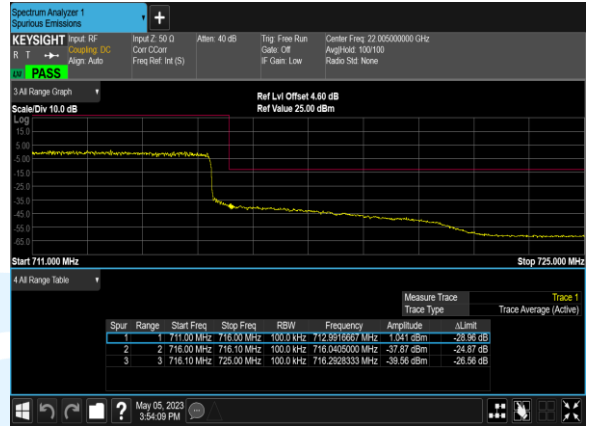
B17_10M_QPSK_50@0_CH_23800



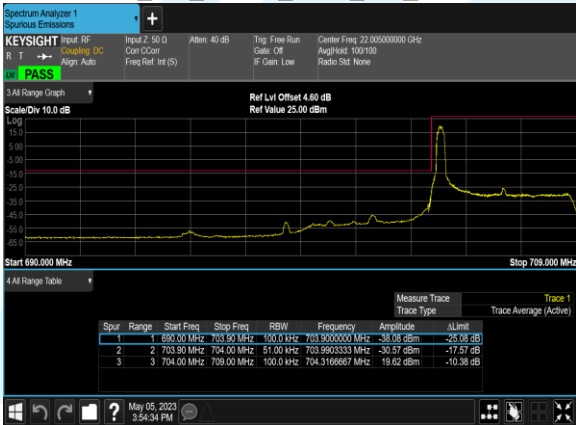
B17_10M_16QAM_1@49_CH_23800



B17_10M_16QAM_50@0_CH_23800



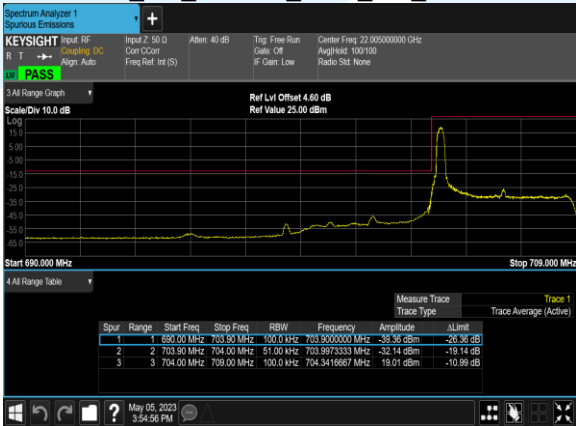
B17_5M_QPSK_1@0_CH_23755



B17_5M_QPSK_25@0_CH_23755



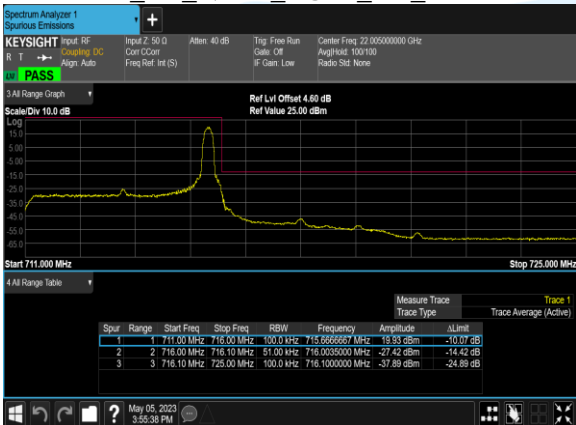
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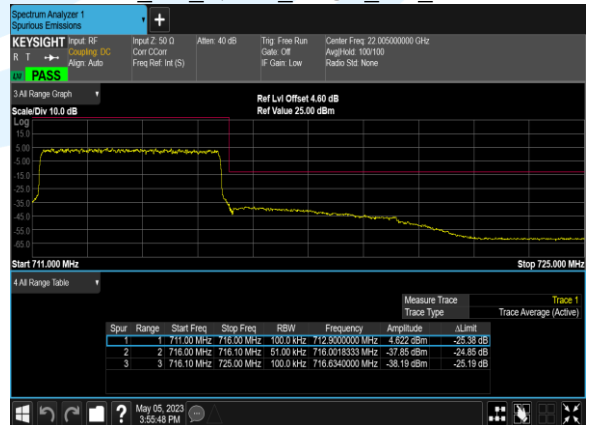
B17_5M_16QAM_25@0_CH_23755



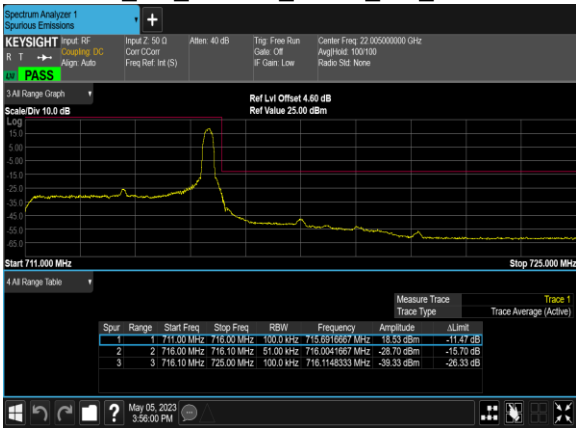
B17_5M_QPSK_1@24_CH_23825



B17_5M_QPSK_25@0_CH_23825



B17_5M_16QAM_1@24_CH_23825



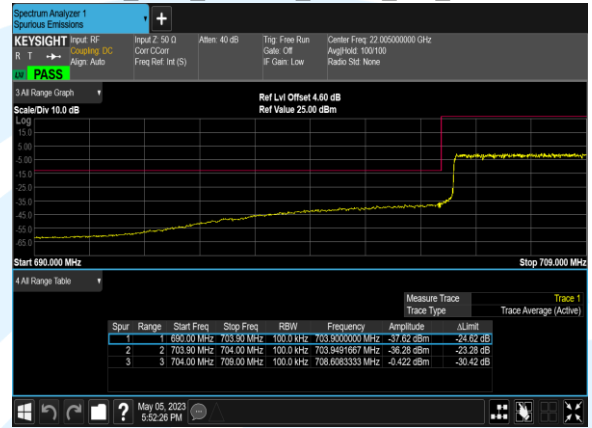
B17_5M_16QAM_25@0_CH_23825



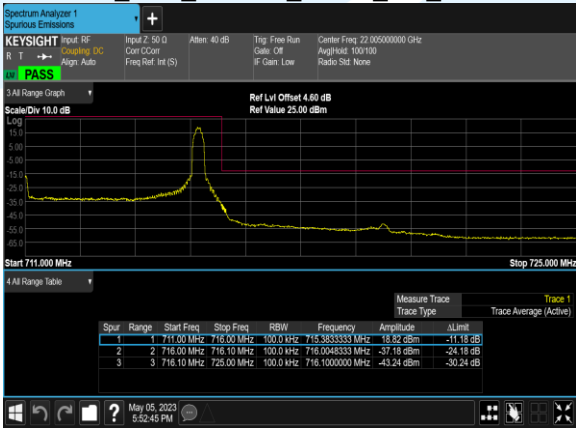
B17_10M_64QAM_1@0_CH_23780



B17_10M_64QAM_50@0_CH_23780



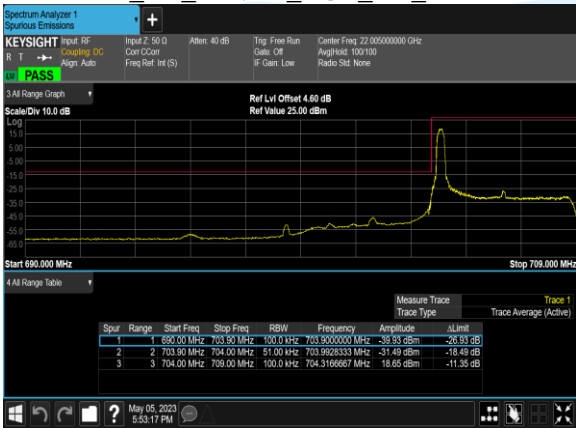
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B17_10M_64QAM_50@0_CH_23800



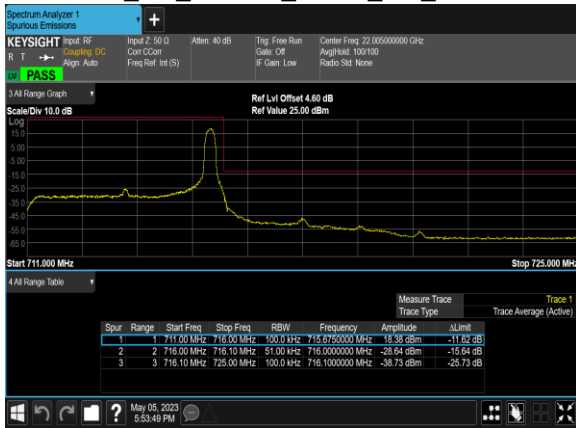
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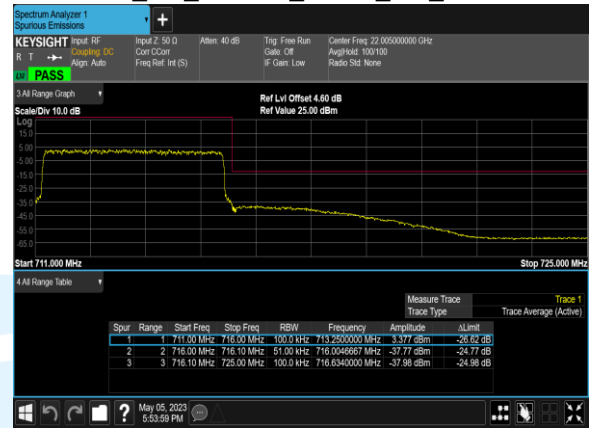
B17_5M_64QAM_25@0_CH_23755



B17_5M_64QAM_1@24_CH_23825



B17_5M_64QAM_25@0_CH_23825



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A.8 LTE BAND 66

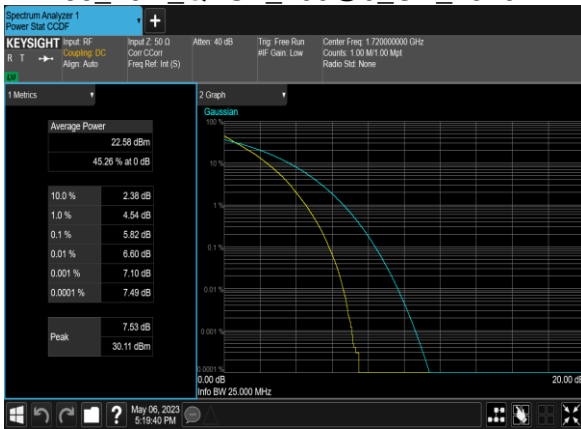
Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	20.0	132072	1720.0	QPSK	100@0	5.82	13	PASS
66	20.0	132072	1720.0	16QAM	100@0	6.53	13	PASS
66	20.0	132322	1745.0	QPSK	100@0	5.54	13	PASS
66	20.0	132322	1745.0	16QAM	100@0	6.38	13	PASS
66	20.0	132572	1770.0	QPSK	100@0	5.47	13	PASS
66	20.0	132572	1770.0	16QAM	100@0	6.32	13	PASS
66	15.0	132047	1717.5	QPSK	75@0	5.59	13	PASS
66	15.0	132047	1717.5	16QAM	75@0	6.36	13	PASS
66	15.0	132322	1745.0	QPSK	75@0	5.39	13	PASS
66	15.0	132322	1745.0	16QAM	75@0	6.24	13	PASS
66	15.0	132597	1772.5	QPSK	75@0	5.31	13	PASS
66	15.0	132597	1772.5	16QAM	75@0	6.17	13	PASS
66	10.0	132022	1715.0	QPSK	50@0	5.73	13	PASS
66	10.0	132022	1715.0	16QAM	50@0	6.58	13	PASS
66	10.0	132322	1745.0	QPSK	50@0	5.53	13	PASS
66	10.0	132322	1745.0	16QAM	50@0	6.35	13	PASS
66	10.0	132622	1775.0	QPSK	50@0	5.38	13	PASS
66	10.0	132622	1775.0	16QAM	50@0	6.24	13	PASS
66	5.0	131997	1712.5	QPSK	25@0	5.81	13	PASS
66	5.0	131997	1712.5	16QAM	25@0	6.49	13	PASS
66	5.0	132322	1745.0	QPSK	25@0	5.61	13	PASS
66	5.0	132322	1745.0	16QAM	25@0	6.37	13	PASS
66	5.0	132647	1777.5	QPSK	25@0	5.30	13	PASS
66	5.0	132647	1777.5	16QAM	25@0	6.10	13	PASS
66	3.0	131987	1711.5	QPSK	15@0	5.68	13	PASS
66	3.0	131987	1711.5	16QAM	15@0	6.51	13	PASS
66	3.0	132322	1745.0	QPSK	15@0	5.50	13	PASS
66	3.0	132322	1745.0	16QAM	15@0	6.41	13	PASS
66	3.0	132657	1778.5	QPSK	15@0	5.13	13	PASS
66	3.0	132657	1778.5	16QAM	15@0	6.10	13	PASS
66	1.4	131979	1710.7	QPSK	6@0	5.80	13	PASS
66	1.4	131979	1710.7	16QAM	6@0	6.61	13	PASS
66	1.4	132322	1745.0	QPSK	6@0	5.50	13	PASS
66	1.4	132322	1745.0	16QAM	6@0	6.37	13	PASS
66	1.4	132665	1779.3	QPSK	6@0	5.02	13	PASS
66	1.4	132665	1779.3	16QAM	6@0	5.89	13	PASS

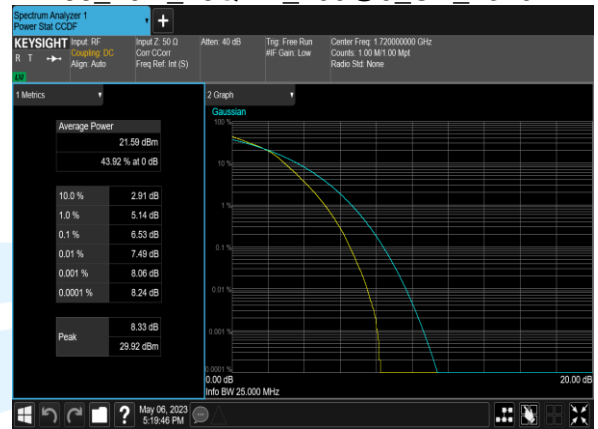
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	20.0	132072	1720.0	64QAM	100@0	6.57	13	PASS
66	20.0	132322	1745.0	64QAM	100@0	6.40	13	PASS
66	20.0	132572	1770.0	64QAM	100@0	6.35	13	PASS
66	15.0	132047	1717.5	64QAM	75@0	6.38	13	PASS
66	15.0	132322	1745.0	64QAM	75@0	6.22	13	PASS
66	15.0	132597	1772.5	64QAM	75@0	6.18	13	PASS
66	10.0	132022	1715.0	64QAM	50@0	6.52	13	PASS
66	10.0	132322	1745.0	64QAM	50@0	6.36	13	PASS
66	10.0	132622	1775.0	64QAM	50@0	6.28	13	PASS
66	5.0	131997	1712.5	64QAM	25@0	6.52	13	PASS
66	5.0	132322	1745.0	64QAM	25@0	6.37	13	PASS
66	5.0	132647	1777.5	64QAM	25@0	6.14	13	PASS
66	3.0	131987	1711.5	64QAM	15@0	6.52	13	PASS
66	3.0	132322	1745.0	64QAM	15@0	6.41	13	PASS
66	3.0	132657	1778.5	64QAM	15@0	6.11	13	PASS
66	1.4	131979	1710.7	64QAM	6@0	6.62	13	PASS
66	1.4	132322	1745.0	64QAM	6@0	6.36	13	PASS
66	1.4	132665	1779.3	64QAM	6@0	5.95	13	PASS

Test Graphs

B66_20M_QPSK_100@0_CH_132072



B66_20M_16QAM_100@0_CH_132072



B66_20M_QPSK_100@0_CH_132322



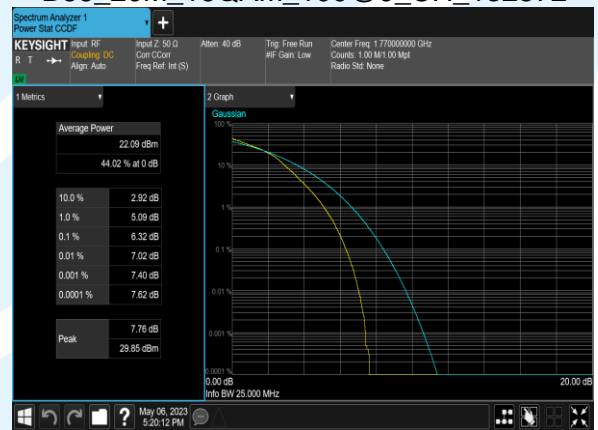
B66_20M_16QAM_100@0_CH_132322



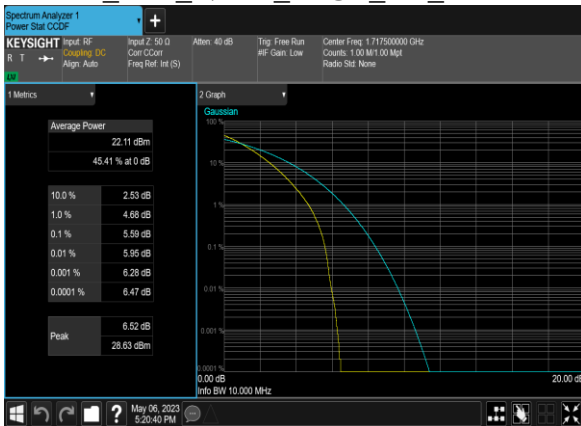
B66_20M_QPSK_100@0_CH_132572



B66_20M_16QAM_100@0_CH_132572



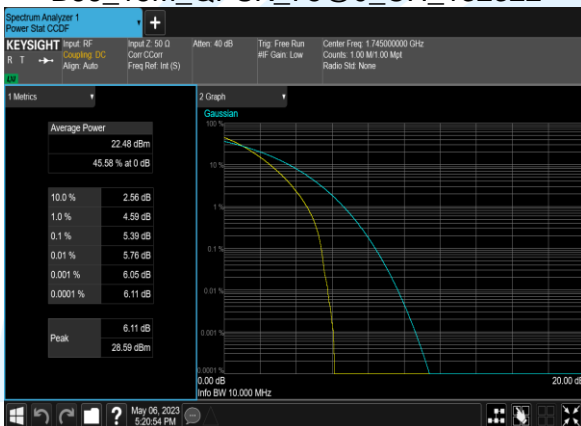
B66_15M_QPSK_75@0_CH_132047



B66_15M_16QAM_75@0_CH_132047



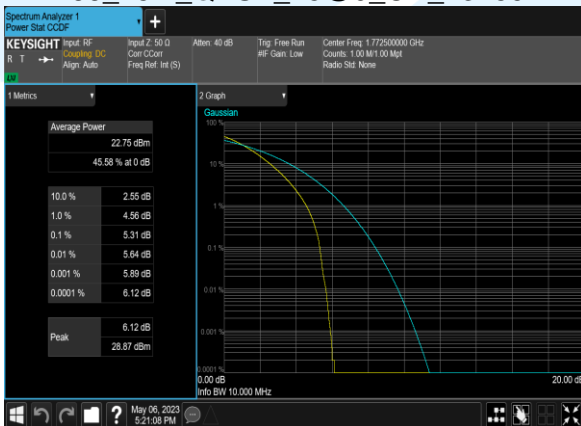
B66_15M_QPSK_75@0_CH_132322



B66_15M_16QAM_75@0_CH_132322



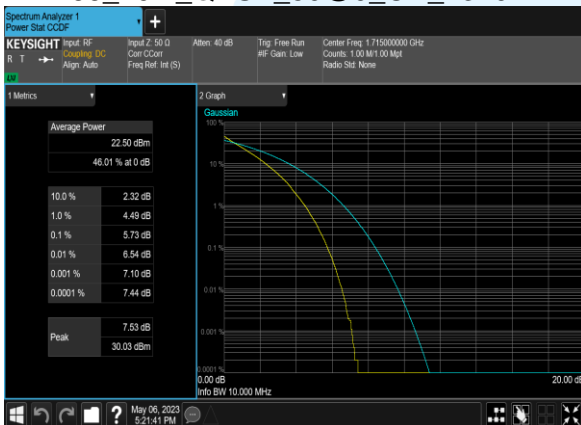
B66_15M_QPSK_75@0_CH_132597



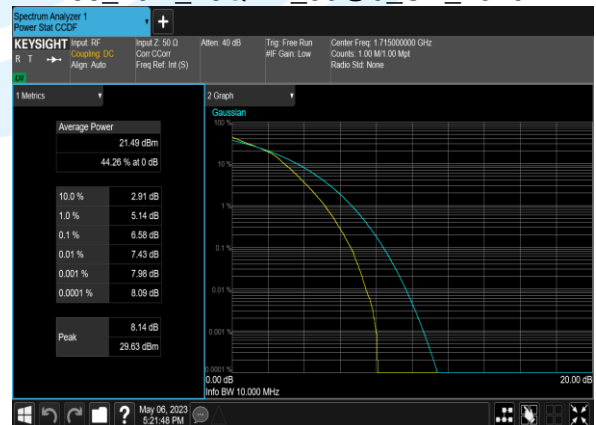
B66_15M_16QAM_75@0_CH_132597



B66_10M_QPSK_50@0_CH_132022



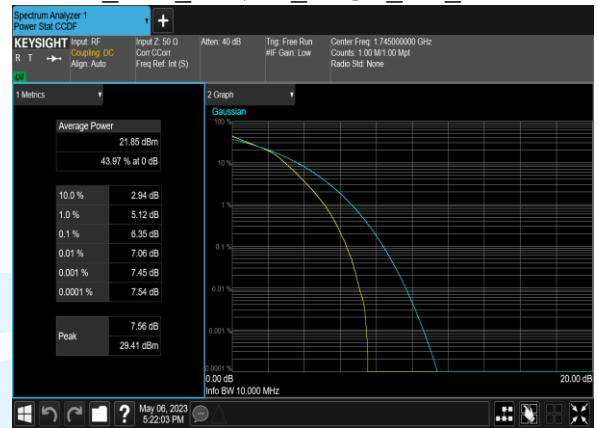
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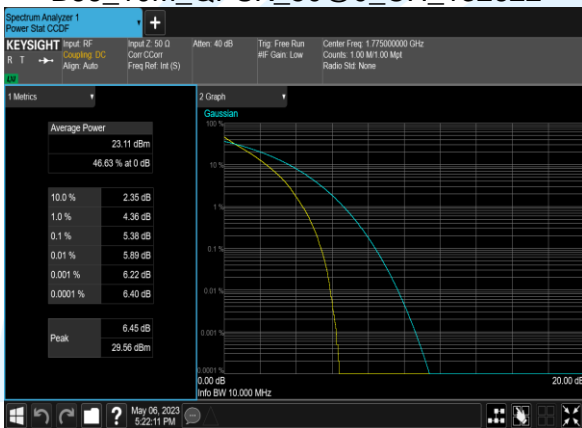
B66_10M_QPSK_50@0_CH_132322



B66_10M_16QAM_50@0_CH_132322



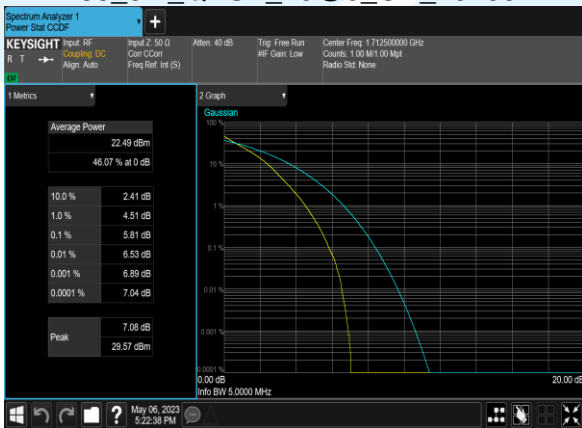
B66_10M_QPSK_50@0_CH_132622



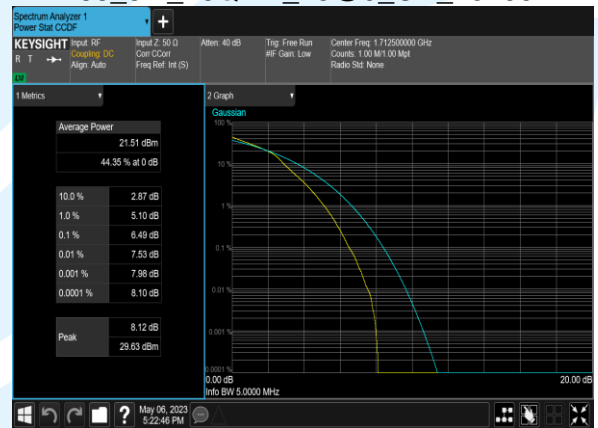
B66_10M_16QAM_50@0_CH_132622



B66_5M_QPSK_25@0_CH_131997



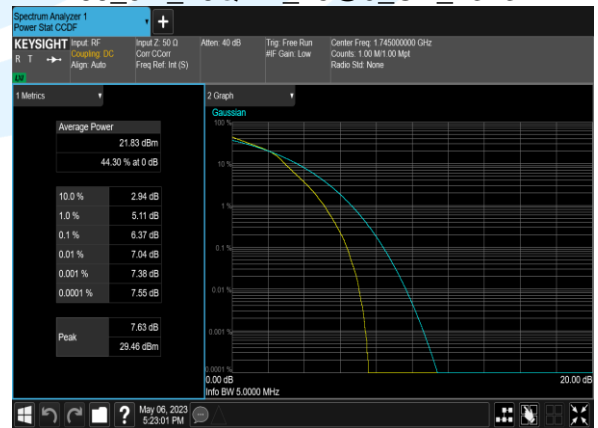
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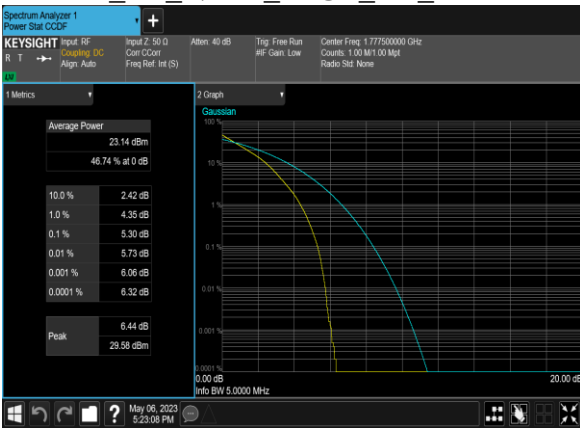
B66_5M_QPSK_25@0_CH_132322



B66_5M_16QAM_25@0_CH_132322



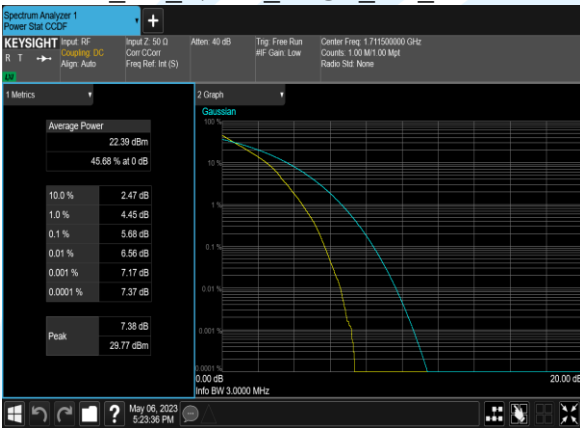
B66_5M_QPSK_25@0_CH_132647



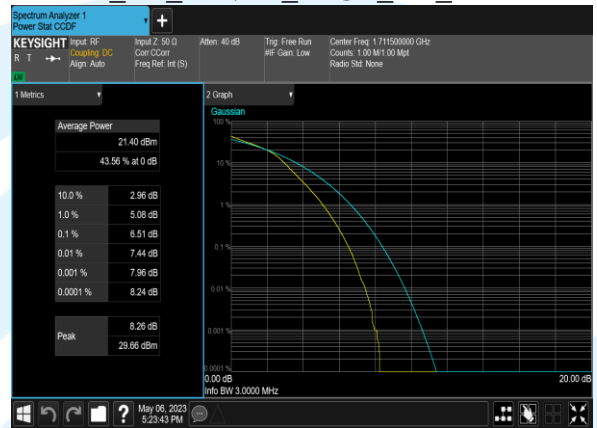
B66_5M_16QAM_25@0_CH_132647



B66_3M_QPSK_15@0_CH_131987



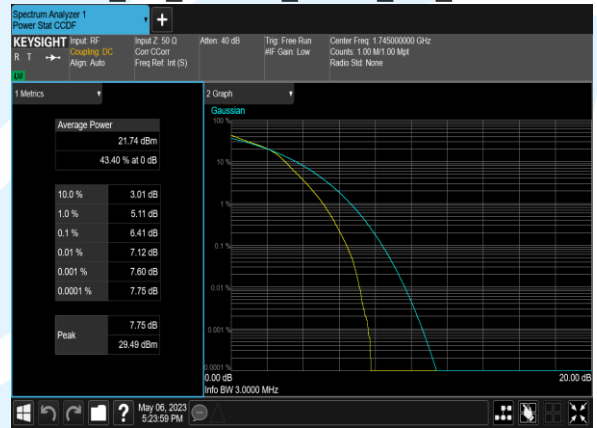
B66_3M_16QAM_15@0_CH_131987



B66_3M_QPSK_15@0_CH_132322



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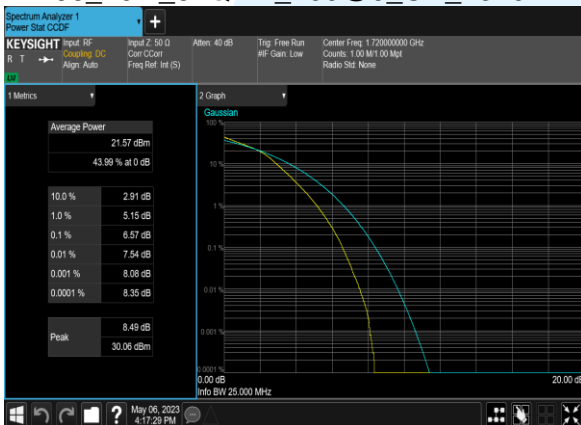
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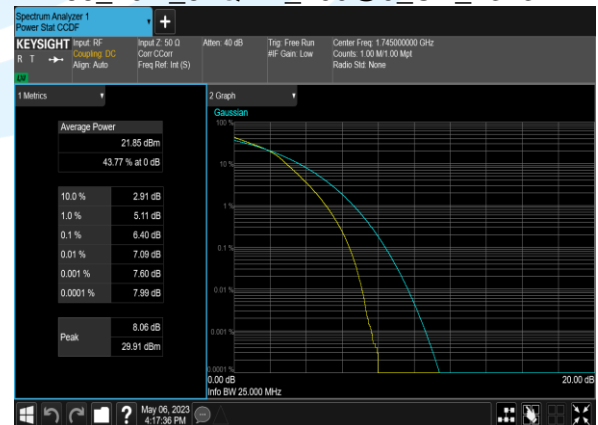
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B66_15M_64QAM_75@0_CH_132047



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B66_10M_64QAM_50@0_CH_132022



B66_10M_64QAM_50@0_CH_132322



B66_10M_64QAM_50@0_CH_132622



B66_5M_64QAM_25@0_CH_131997

