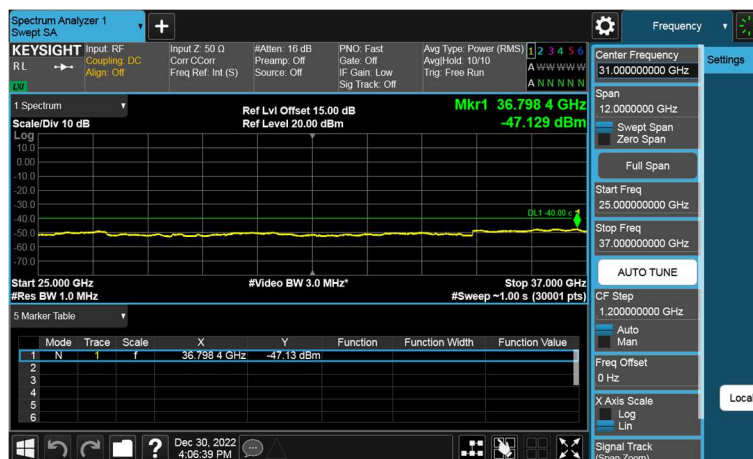




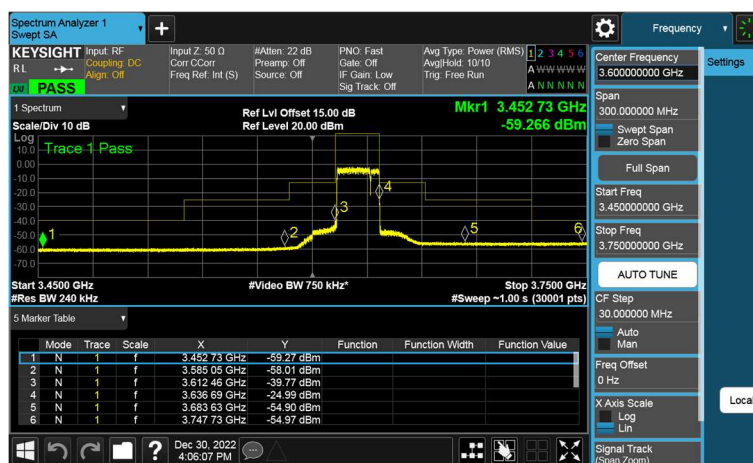
20M_5M_QPSK_FULLRB_CSE2



20M_5M_QPSK_FULLRB_CSE3



20M_5M_QPSK_FULLRB_CSEpart96



1.5 20MHz & 10MHz

B48 CHM	PCC			SCC		
	BW (MHz)	Channel	Frequency (MHz)	BW (MHz)	Channel	Frequency (MHz)
	20	55941	3620.1	10	56085	3634.5

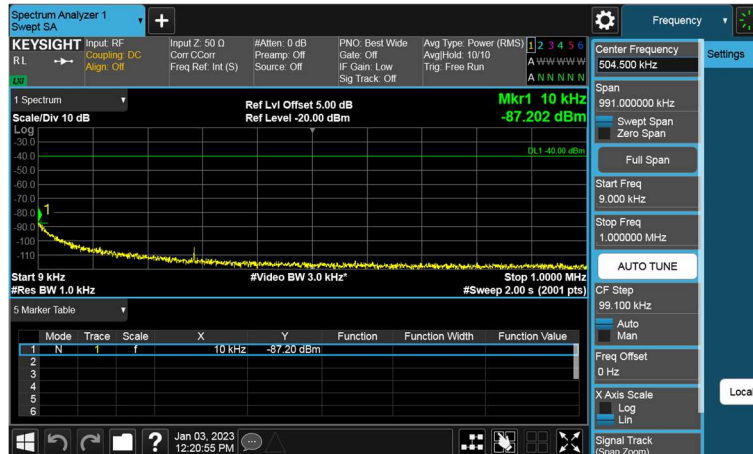
Conducted Spurious Emission									
Modulation	RB Allocation	Frequency Range (Hz)	Frequency (MHz)	Read level (dB)	DCCF (dB)	RB Factor (dB)	level (dBm)	Limit	Verdict
16QAM	1 RB	9K~1M	0.009	-86.34	3.98	30	-52.36	-40	Pass
		1M~30M	1.058	-67.74	3.98	10	-53.76	-40	Pass
		30M~10G	3213.5	-52.32	3.98	0	-48.34	-40	Pass
			3951.5	-49.05	3.98	0	-45.07	-40	Pass
		10G~25G	23852	-50.3	3.98	0	-46.32	-40	Pass
		25G~37G	36794.4	-46.78	3.98	0	-42.8	-40	Pass
		3.5 GHz Emissions	3528.66	-66.03	3.98	15.23	-46.82	-40	Pass
			3538.05	-57.92	3.98	15.23	-38.71	-25	Pass
			3548.41	-51.8	3.98	15.23	-32.59	-13	Pass
			3588.94	-59.98	3.98	15.23	-40.77	-13	Pass
			3610.93	-61.46	3.98	15.23	-42.25	-25	Pass
			3724.88	-62.44	3.98	15.23	-43.23	-40	Pass
	Full RB	9K~1M	0.011478	-86.47	3.98	30	-52.49	-40	Pass
		1M~30M	1	-68.11	3.98	10	-54.13	-40	Pass
		30M~10G	3205.5	-52.36	3.98	0	-48.38	-40	Pass
			3946	-49.02	3.98	0	-45.04	-40	Pass
		10G~25G	23850	-50.4	3.98	0	-46.42	-40	Pass
		25G~37G	36796	-46.99	3.98	0	-43.01	-40	Pass
		3.5 GHz Emissions	3529.62	-53.94	3.98	5.23	-44.73	-40	Pass
			3538.6	-47.72	3.98	5.23	-38.51	-25	Pass
			3549.89	-43.05	3.98	5.23	-33.84	-13	Pass
			3579.41	-39.31	3.98	5.23	-30.1	-13	Pass
			3611.29	-53.3	3.98	5.23	-44.09	-25	Pass
			3744.44	-54.15	3.98	5.23	-44.94	-40	Pass
64QAM	1 RB	9K~1M	0.009	-87.44	3.98	30	-53.46	-40	Pass
		1M~30M	1.058	-67.9	3.98	10	-53.92	-40	Pass
		30M~10G	3216.5	-52.38	3.98	0	-48.4	-40	Pass
			3930.5	-48.98	3.98	0	-45	-40	Pass
		10G~25G	23848	-50.34	3.98	0	-46.36	-40	Pass
		25G~37G	36800	-46.73	3.98	0	-42.75	-40	Pass
		3.5 GHz Emissions	3529.31	-66.21	3.98	15.23	-47	-40	Pass
			3533.53	-64.26	3.98	15.23	-45.05	-25	Pass

			3548.56	-60.63	3.98	15.23	-41.42	-13	Pass
			3606.64	-61.23	3.98	15.23	-42.02	-13	Pass
			3652.27	-61.44	3.98	15.23	-42.23	-25	Pass
			3749.8	-62.12	3.98	15.23	-42.91	-40	Pass
	Full RB	9K~1M	0.009	-86.27	3.98	30	-52.29	-40	Pass
		1M~30M	1	-68.22	3.98	10	-54.24	-40	Pass
		30M~10G	3237.5	-52.28	3.98	0	-48.3	-40	Pass
			3937.5	-49.11	3.98	0	-45.13	-40	Pass
		10G~25G	23843.5	-50.28	3.98	0	-46.3	-40	Pass
		25G~37G	36768	-47.01	3.98	0	-43.03	-40	Pass
		3.5 GHz Emissions	3529.78	-53.77	3.98	5.23	-44.56	-40	Pass
			3538.98	-48.58	3.98	5.23	-39.37	-25	Pass
			3549.96	-42.04	3.98	5.23	-32.83	-13	Pass
			3579.4	-38.63	3.98	5.23	-29.42	-13	Pass
			3613.38	-53.07	3.98	5.23	-43.86	-25	Pass
			3742.82	-54.11	3.98	5.23	-44.9	-40	Pass

QPSK	1 RB	9K~1M	0.009	-85.75	3.98	30	-51.77	-40	Pass
		1M~30M	1.087	-67.85	3.98	10	-53.87	-40	Pass
		30M~10G	3213.5	-52.4	3.98	0	-48.42	-40	Pass
			3923.5	-49.1	3.98	0	-45.12	-40	Pass
		10G~25G	23849	-50.43	3.98	0	-46.45	-40	Pass
		25G~37G	36776	-46.92	3.98	0	-42.94	-40	Pass
		3.5 GHz Emissions	3459.11	-66.55	3.98	15.23	-47.34	-40	Pass
			3537.29	-65.02	3.98	15.23	-45.81	-25	Pass
			3548.62	-65.89	3.98	15.23	-46.68	-13	Pass
			3603.99	-61.22	3.98	15.23	-42.01	-13	Pass
			3623.68	-61.27	3.98	15.23	-42.06	-25	Pass
			3724.04	-62.06	3.98	15.23	-42.85	-40	Pass
	Full RB	9K~1M	0.010487	-86.11	3.98	30	-52.13	-40	Pass
		1M~30M	1.116	-68.22	3.98	10	-54.24	-40	Pass
		30M~10G	3519.5	-51.94	3.98	0	-47.96	-40	Pass
			3946.5	-49.1	3.98	0	-45.12	-40	Pass
		10G~25G	23861.5	-50.39	3.98	0	-46.41	-40	Pass
		25G~37G	36778	-46.89	3.98	0	-42.91	-40	Pass
		3.5 GHz Emissions	3529.78	-51.87	3.98	5.23	-42.66	-40	Pass
			3538.75	-46.5	3.98	5.23	-37.29	-25	Pass
			3549.96	-41.08	3.98	5.23	-31.87	-13	Pass
			3579.43	-39.34	3.98	5.23	-30.13	-13	Pass
			3609.59	-53.21	3.98	5.23	-44	-25	Pass
			3734.62	-54.13	3.98	5.23	-44.92	-40	Pass

Test Graph

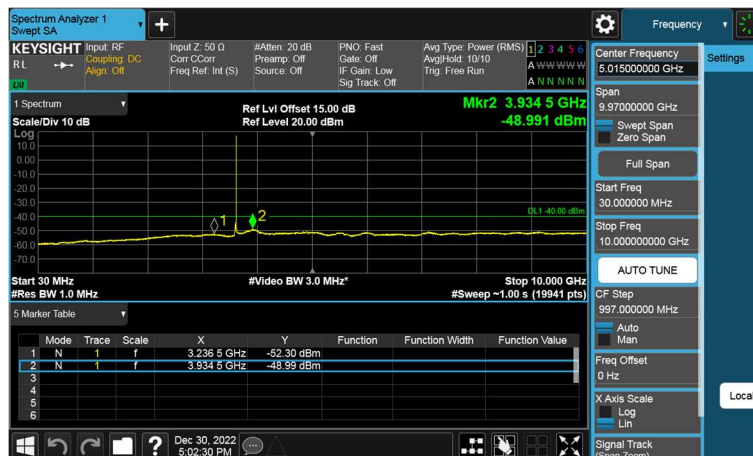
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20M_10M_Q16_1RB_CSE0b



20M_10M_Q16_1RB_CSE1

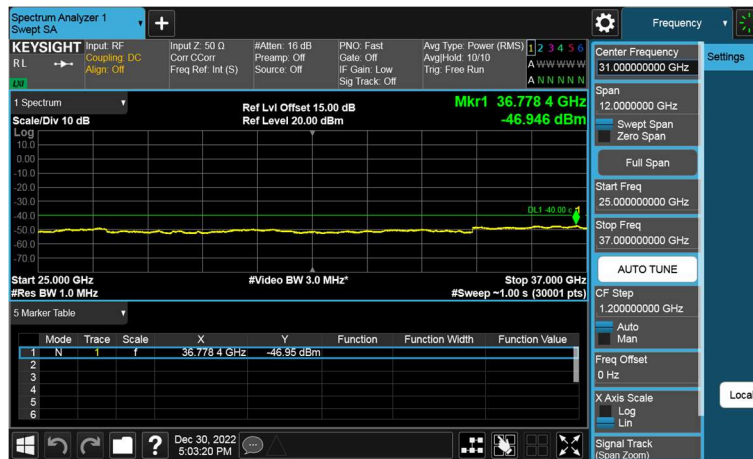




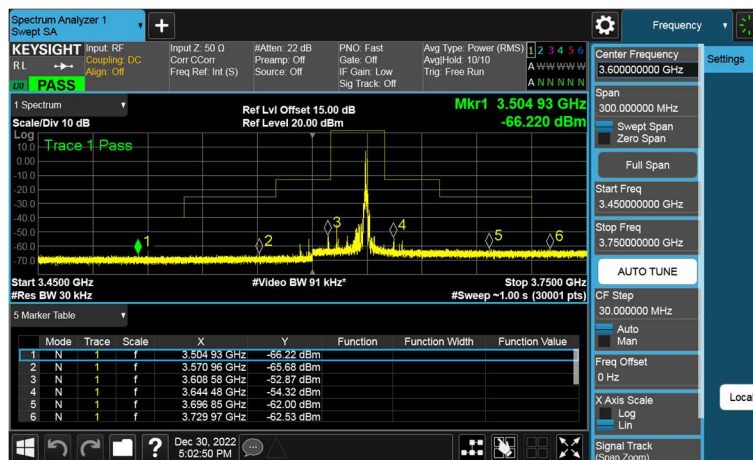
20M_10M_Q16_1RB_CSE2



20M_10M_Q16_1RB_CSE3

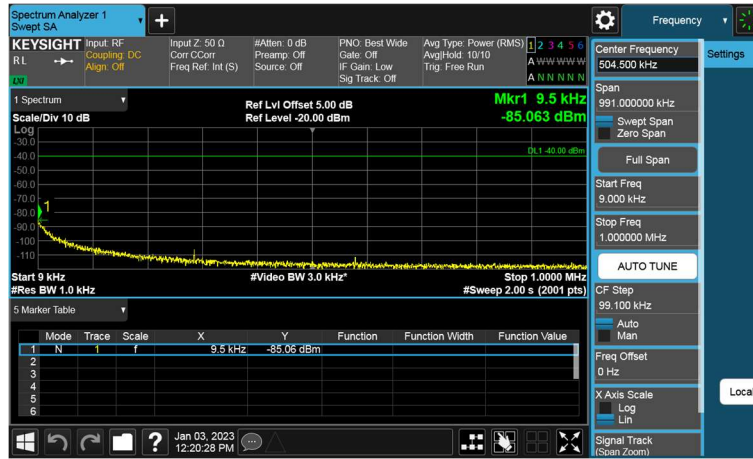


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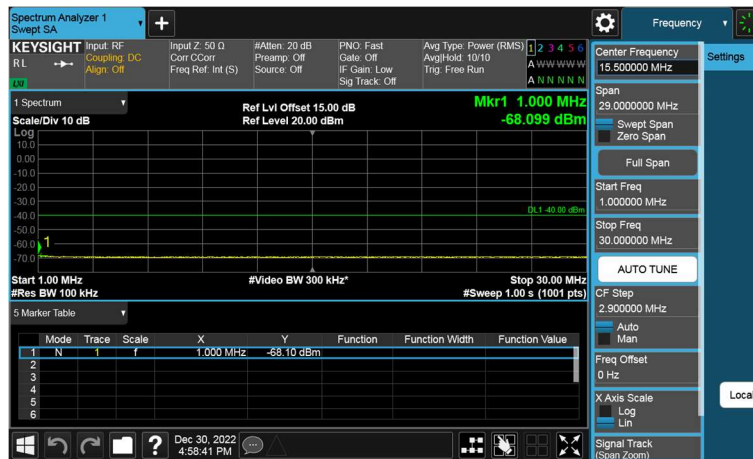




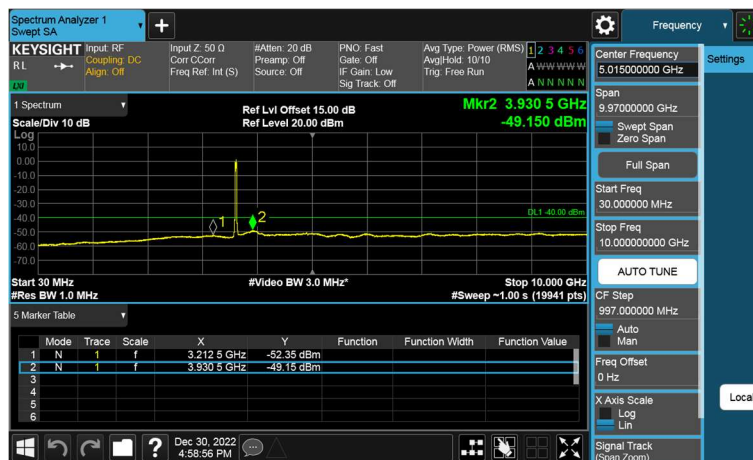
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20M_10M_Q16_FULLRB_CSE0b



20M_10M_Q16_FULLRB_CSE1

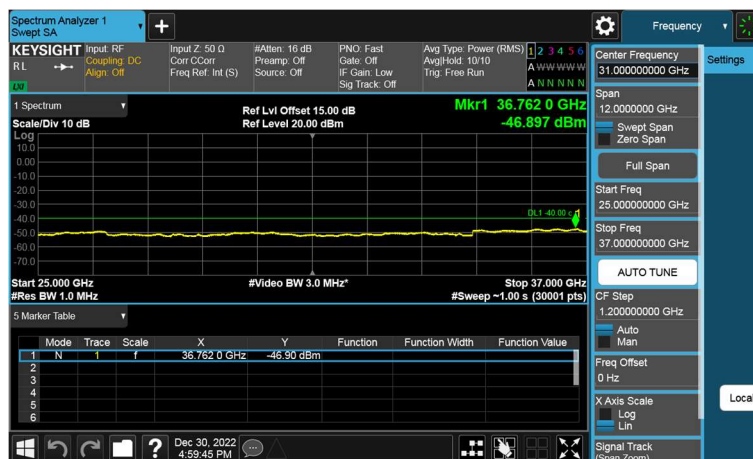




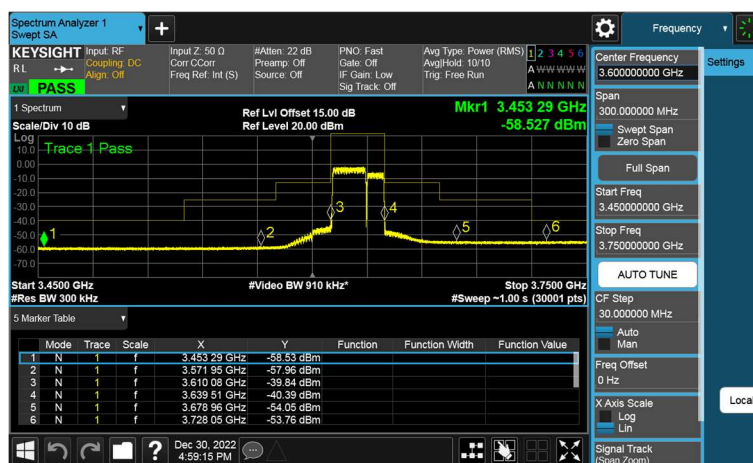
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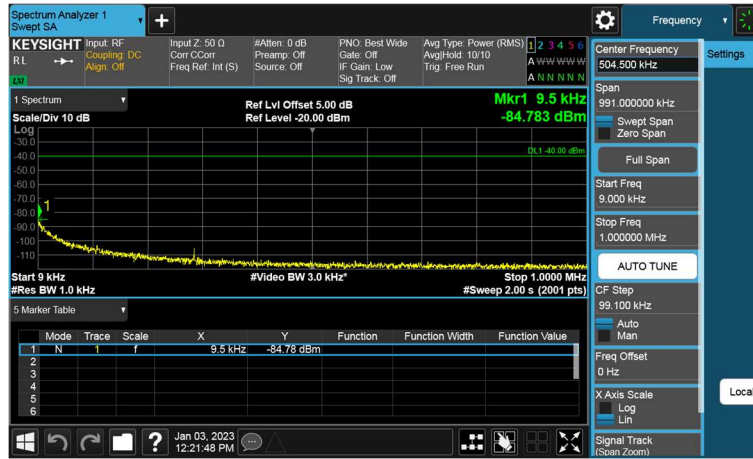


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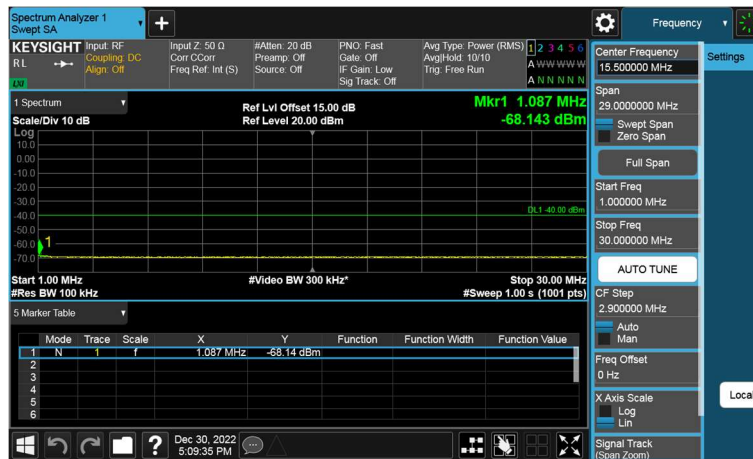




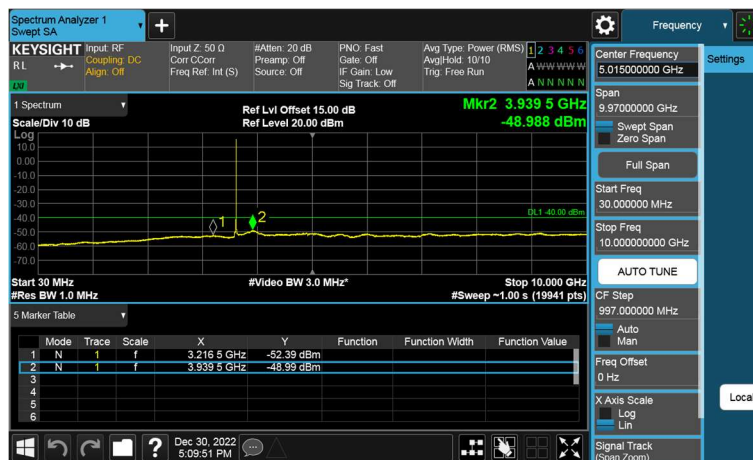
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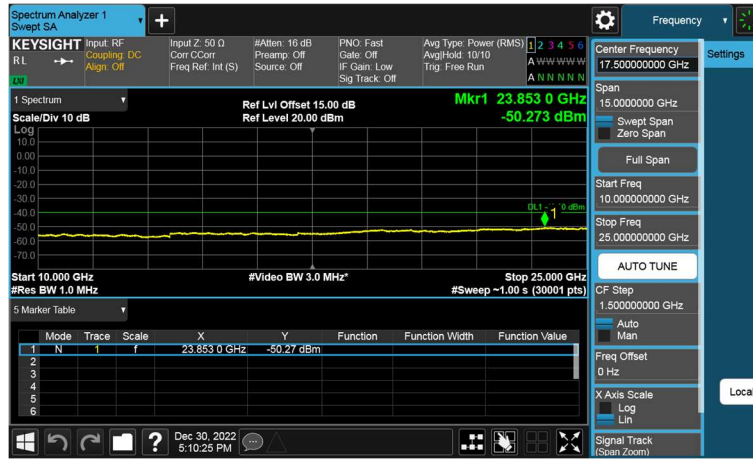


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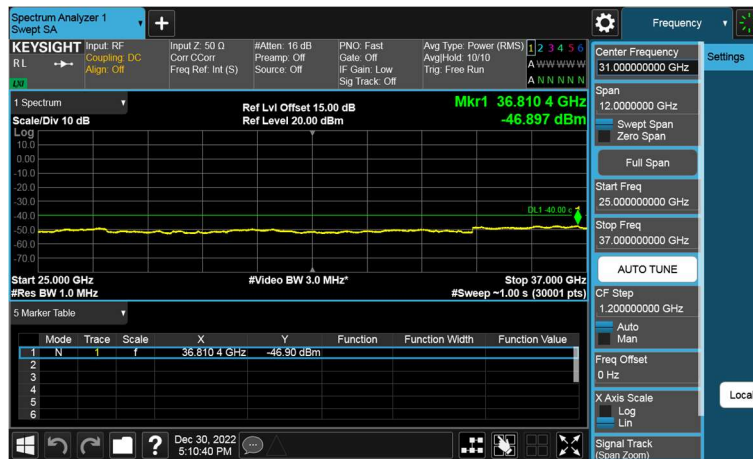




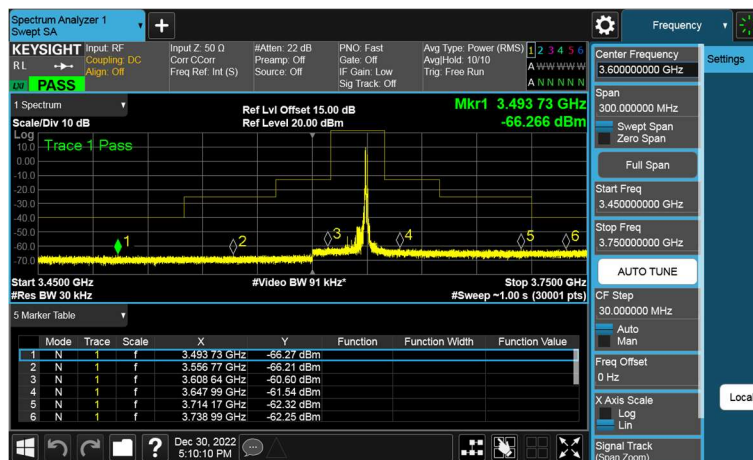
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20M_10M_Q64_1RB_CSE3

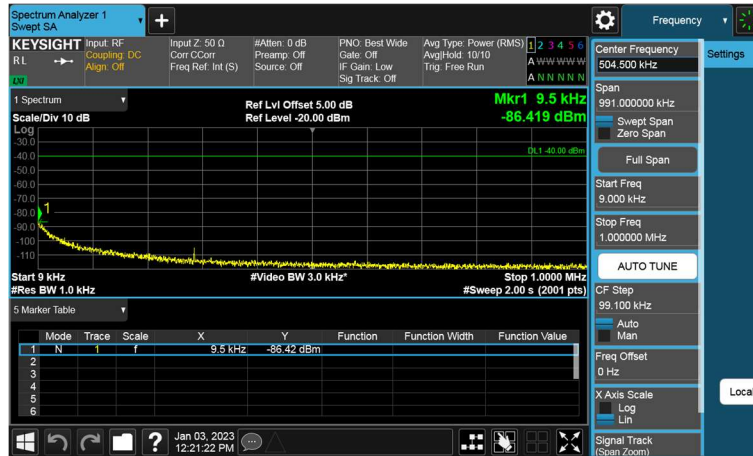


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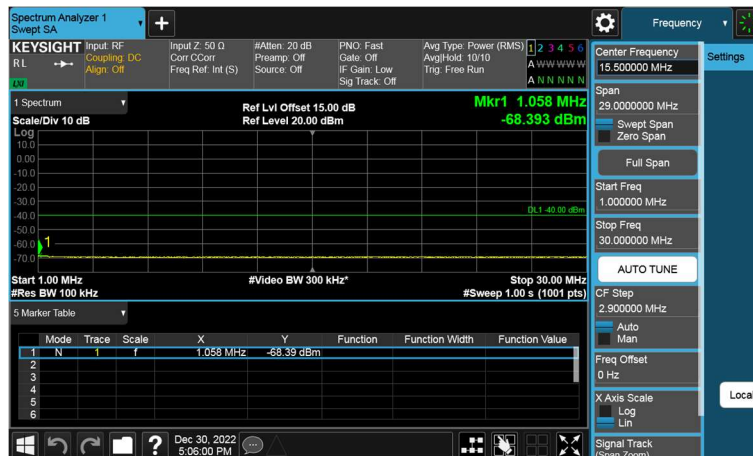




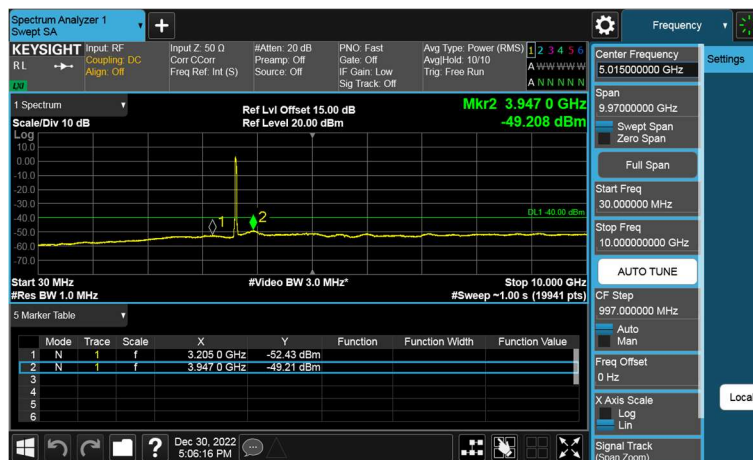
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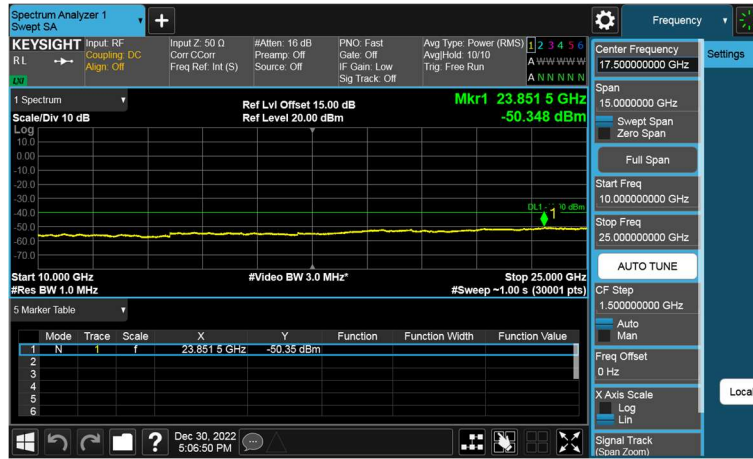


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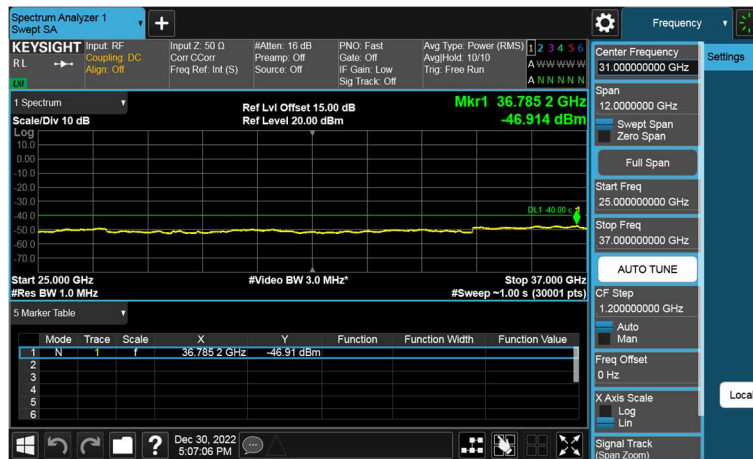




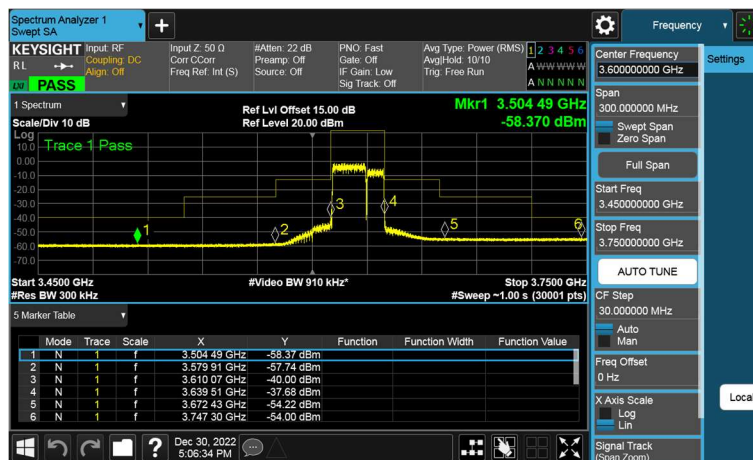
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20M_10M_Q64_FULLRB_CSE3

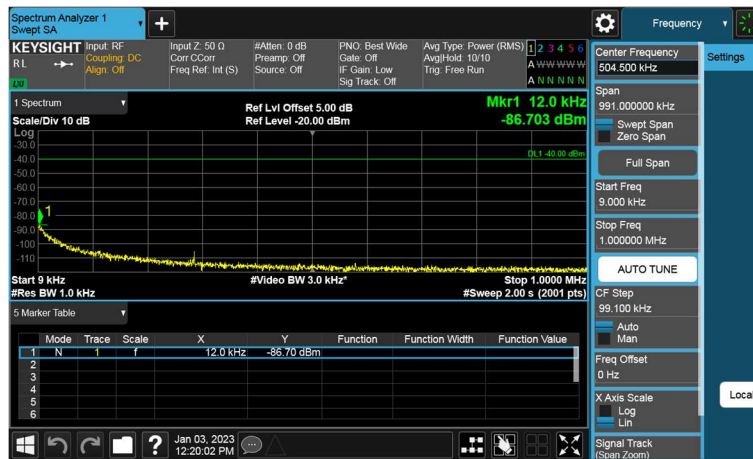


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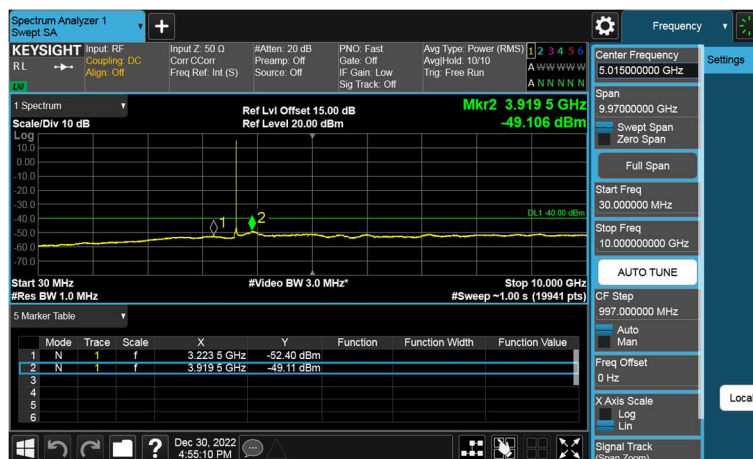




20M_10M_QPSK_1RB_CSE0a



20M_10M_QPSK_1RB_CSE1

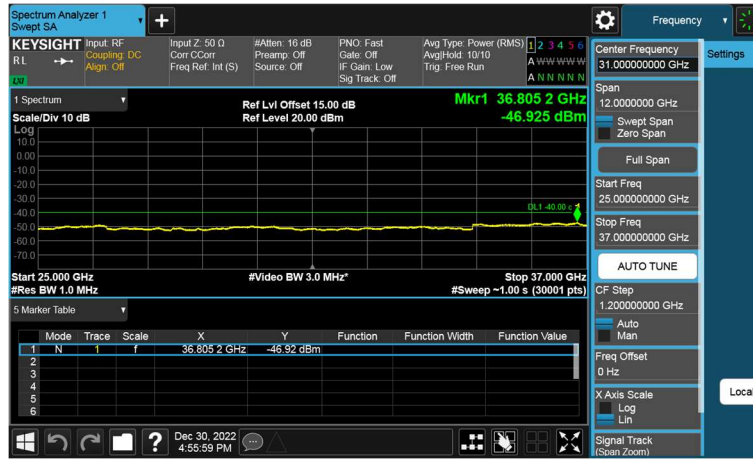


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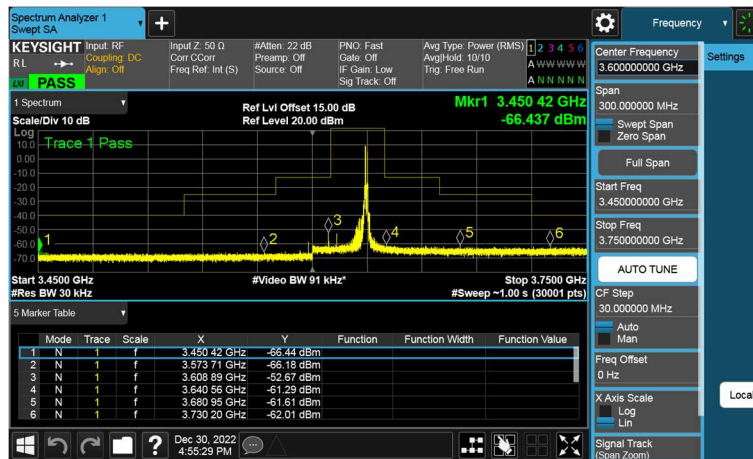




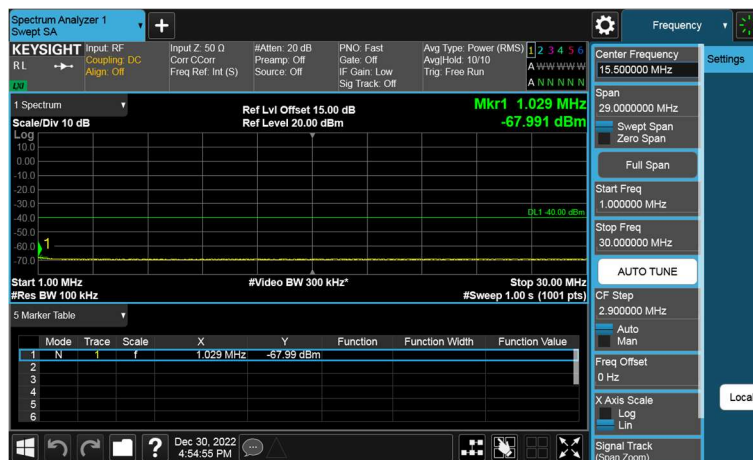
20M_10M_QPSK_1RB_CSE3



20M_10M_QPSK_1RB_CSEpart96

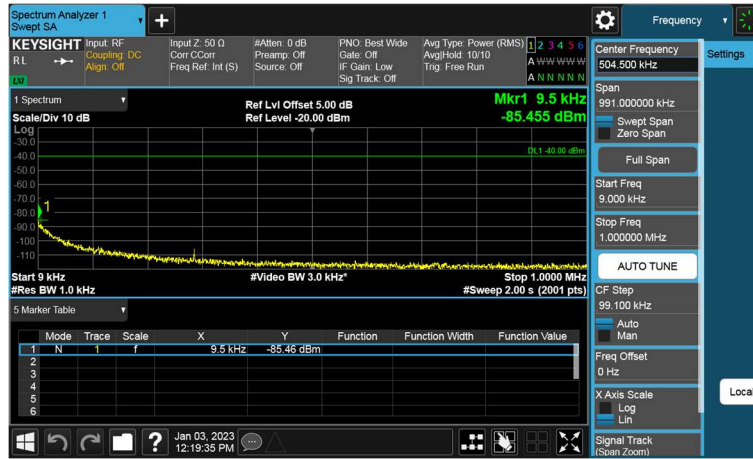


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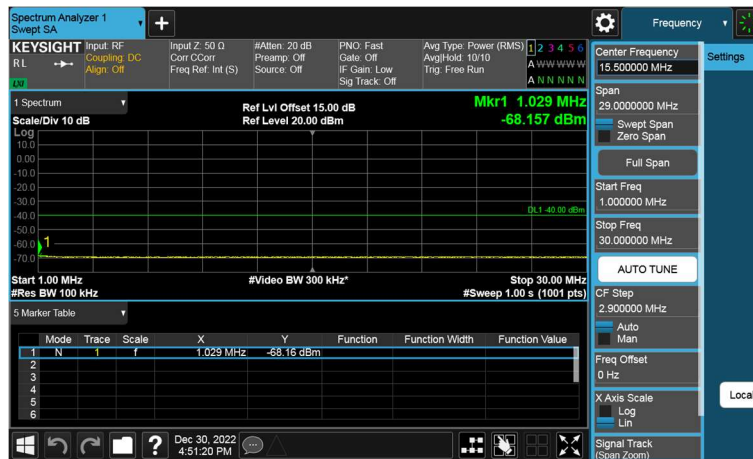




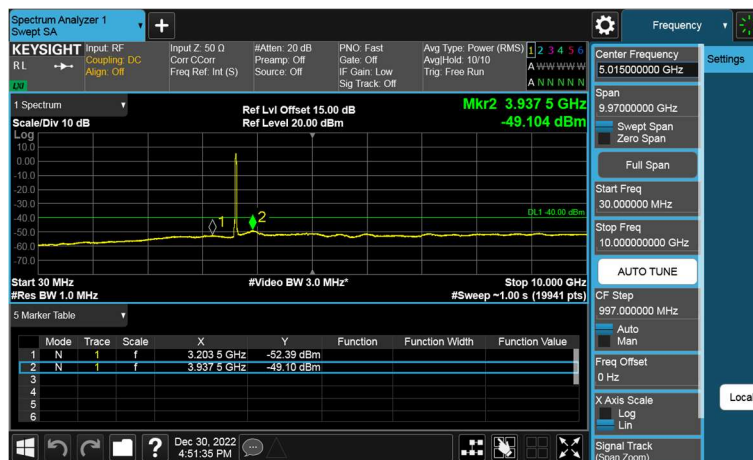
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20M_10M_QPSK_FULLRB_CSE0b



20M_10M_QPSK_FULLRB_CSE1

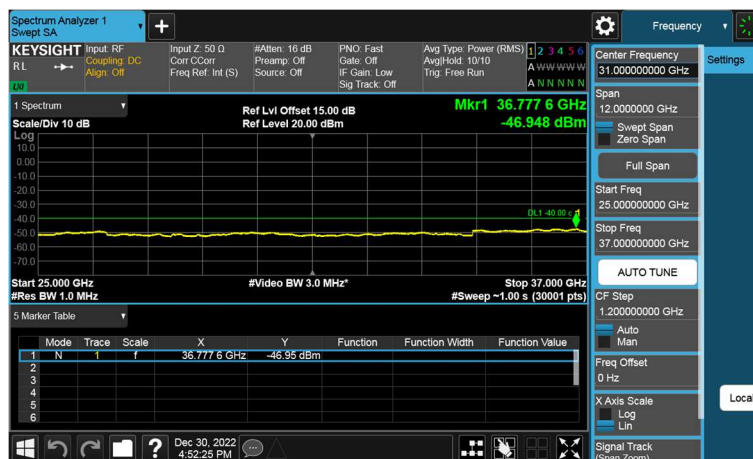




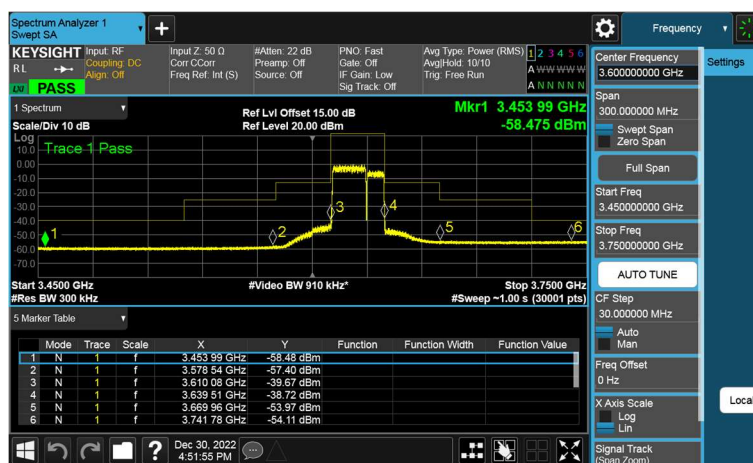
20M_10M_QPSK_FULLRB_CSE2



20M_10M_QPSK_FULLRB_CSE3



20M_10M_QPSK_FULLRB_CSEpart96



1.6 20MHz & 15MHz

B48 CHM	PCC			SCC		
	BW (MHz)	Channel	Frequency (MHz)	BW (MHz)	Channel	Frequency (MHz)
	20	55916	3617.6	15	56087	3634.7

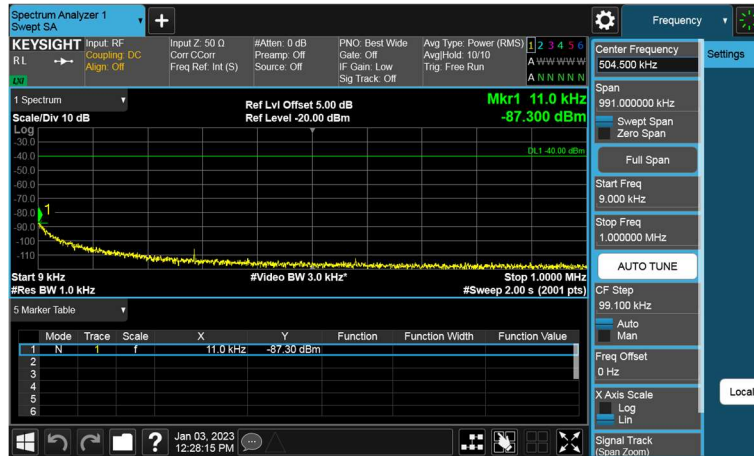
Conducted Spurious Emission									
Modulation	RB Allocation	Frequency Range (Hz)	Frequency (MHz)	Read level (dB)	DCCF (dB)	RB Factor (dB)	level (dBm)	Limit	Verdict
16QAM	1 RB	9K~1M	0.009	-86.34	3.98	30	-52.36	-40	Pass
		1M~30M	1.058	-67.74	3.98	10	-53.76	-40	Pass
		30M~10G	3213.5	-52.32	3.98	0	-48.34	-40	Pass
			3951.5	-49.05	3.98	0	-45.07	-40	Pass
		10G~25G	23852	-50.3	3.98	0	-46.32	-40	Pass
		25G~37G	36794.4	-46.78	3.98	0	-42.8	-40	Pass
		3.5 GHz Emissions	3528.66	-66.03	3.98	15.23	-46.82	-40	Pass
			3538.05	-57.92	3.98	15.23	-38.71	-25	Pass
			3548.41	-51.8	3.98	15.23	-32.59	-13	Pass
			3588.94	-59.98	3.98	15.23	-40.77	-13	Pass
			3610.93	-61.46	3.98	15.23	-42.25	-25	Pass
			3724.88	-62.44	3.98	15.23	-43.23	-40	Pass
	Full RB	9K~1M	0.011478	-86.47	3.98	30	-52.49	-40	Pass
		1M~30M	1	-68.11	3.98	10	-54.13	-40	Pass
		30M~10G	3205.5	-52.36	3.98	0	-48.38	-40	Pass
			3946	-49.02	3.98	0	-45.04	-40	Pass
		10G~25G	23850	-50.4	3.98	0	-46.42	-40	Pass
		25G~37G	36796	-46.99	3.98	0	-43.01	-40	Pass
		3.5 GHz Emissions	3529.62	-53.94	3.98	5.23	-44.73	-40	Pass
			3538.6	-47.72	3.98	5.23	-38.51	-25	Pass
			3549.89	-43.05	3.98	5.23	-33.84	-13	Pass
			3579.41	-39.31	3.98	5.23	-30.1	-13	Pass
			3611.29	-53.3	3.98	5.23	-44.09	-25	Pass
			3744.44	-54.15	3.98	5.23	-44.94	-40	Pass
64QAM	1 RB	9K~1M	0.009	-87.44	3.98	30	-53.46	-40	Pass
		1M~30M	1.058	-67.9	3.98	10	-53.92	-40	Pass
		30M~10G	3216.5	-52.38	3.98	0	-48.4	-40	Pass
			3930.5	-48.98	3.98	0	-45	-40	Pass
		10G~25G	23848	-50.34	3.98	0	-46.36	-40	Pass
		25G~37G	36800	-46.73	3.98	0	-42.75	-40	Pass
		3.5 GHz	3529.31	-66.21	3.98	15.23	-47	-40	Pass

	Emissions		3533.53	-64.26	3.98	15.23	-45.05	-25	Pass
			3548.56	-60.63	3.98	15.23	-41.42	-13	Pass
			3606.64	-61.23	3.98	15.23	-42.02	-13	Pass
			3652.27	-61.44	3.98	15.23	-42.23	-25	Pass
			3749.8	-62.12	3.98	15.23	-42.91	-40	Pass
	Full RB	9K~1M	0.009	-86.27	3.98	30	-52.29	-40	Pass
		1M~30M	1	-68.22	3.98	10	-54.24	-40	Pass
		30M~10G	3237.5	-52.28	3.98	0	-48.3	-40	Pass
			3937.5	-49.11	3.98	0	-45.13	-40	Pass
		10G~25G	23843.5	-50.28	3.98	0	-46.3	-40	Pass
		25G~37G	36768	-47.01	3.98	0	-43.03	-40	Pass
		3.5 GHz Emissions	3529.78	-53.77	3.98	5.23	-44.56	-40	Pass
			3538.98	-48.58	3.98	5.23	-39.37	-25	Pass
			3549.96	-42.04	3.98	5.23	-32.83	-13	Pass
			3579.4	-38.63	3.98	5.23	-29.42	-13	Pass
			3613.38	-53.07	3.98	5.23	-43.86	-25	Pass
			3742.82	-54.11	3.98	5.23	-44.9	-40	Pass
QPSK	1 RB	9K~1M	0.009	-85.75	3.98	30	-51.77	-40	Pass
		1M~30M	1.087	-67.85	3.98	10	-53.87	-40	Pass
		30M~10G	3213.5	-52.4	3.98	0	-48.42	-40	Pass
			3923.5	-49.1	3.98	0	-45.12	-40	Pass
		10G~25G	23849	-50.43	3.98	0	-46.45	-40	Pass
		25G~37G	36776	-46.92	3.98	0	-42.94	-40	Pass
		3.5 GHz Emissions	3459.11	-66.55	3.98	15.23	-47.34	-40	Pass
			3537.29	-65.02	3.98	15.23	-45.81	-25	Pass
			3548.62	-65.89	3.98	15.23	-46.68	-13	Pass
			3603.99	-61.22	3.98	15.23	-42.01	-13	Pass
			3623.68	-61.27	3.98	15.23	-42.06	-25	Pass
			3724.04	-62.06	3.98	15.23	-42.85	-40	Pass
	Full RB	9K~1M	0.010487	-86.11	3.98	30	-52.13	-40	Pass
		1M~30M	1.116	-68.22	3.98	10	-54.24	-40	Pass
		30M~10G	3519.5	-51.94	3.98	0	-47.96	-40	Pass
			3946.5	-49.1	3.98	0	-45.12	-40	Pass
		10G~25G	23861.5	-50.39	3.98	0	-46.41	-40	Pass
		25G~37G	36778	-46.89	3.98	0	-42.91	-40	Pass
		3.5 GHz Emissions	3529.78	-51.87	3.98	5.23	-42.66	-40	Pass
			3538.75	-46.5	3.98	5.23	-37.29	-25	Pass
			3549.96	-41.08	3.98	5.23	-31.87	-13	Pass
			3579.43	-39.34	3.98	5.23	-30.13	-13	Pass
			3609.59	-53.21	3.98	5.23	-44	-25	Pass
			3734.62	-54.13	3.98	5.23	-44.92	-40	Pass

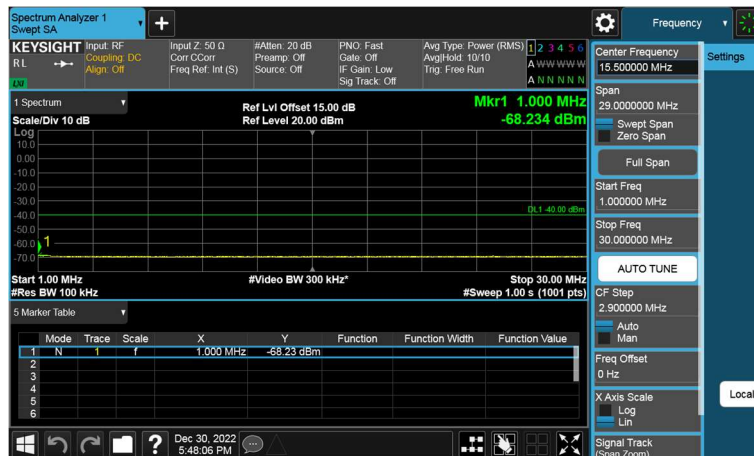


Test Graph

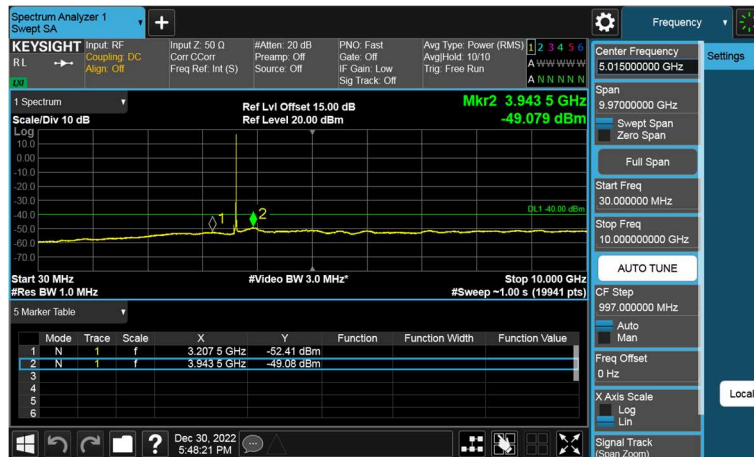
20M_15M_Q16_1RB_CSE0a



20M_15M_Q16_1RB_CSE0b

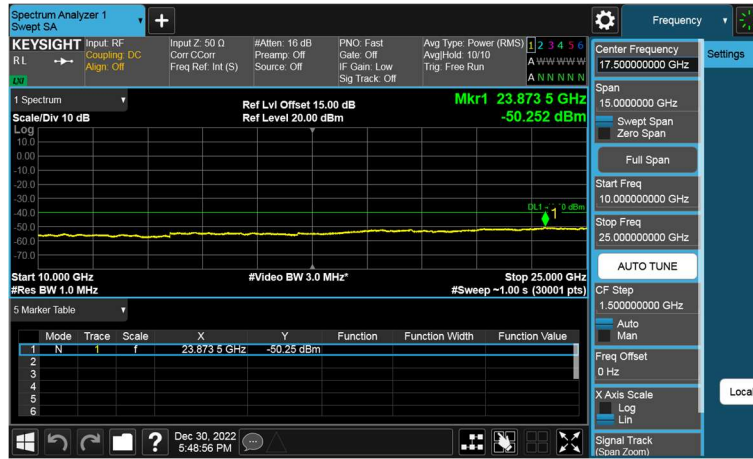


20M_15M_Q16_1RB_CSE1

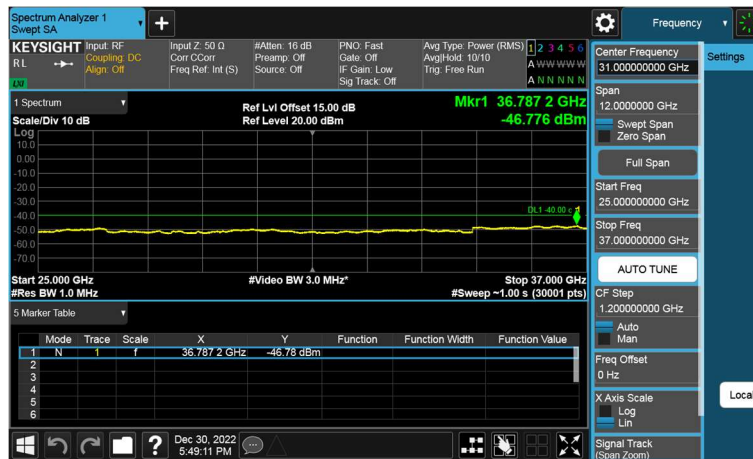




20M_15M_Q16_1RB_CSE2



20M_15M_Q16_1RB_CSE3



20M_15M_Q16_1RB_CSEpart96

