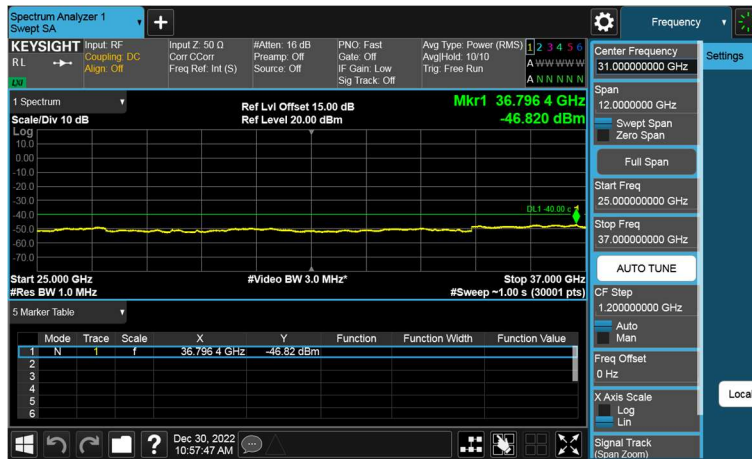


### 20M\_5M\_QPSK\_FULLRB\_CSE2



### 20M\_5M\_QPSK\_FULLRB\_CSE3



### 20M\_5M\_QPSK\_FULLRB\_CSEpart96



**1.5 20MHz & 10MHz**

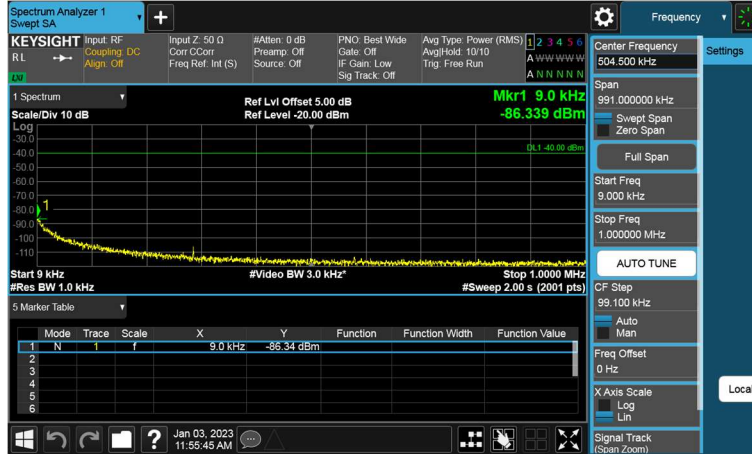
B48 CHL	PCC			SCC		
	BW (MHz)	Channel	Frequency (MHz)	BW (MHz)	Channel	Frequency (MHz)
	20	55340	3560	10	55484	3574.4

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	0.0114775	-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

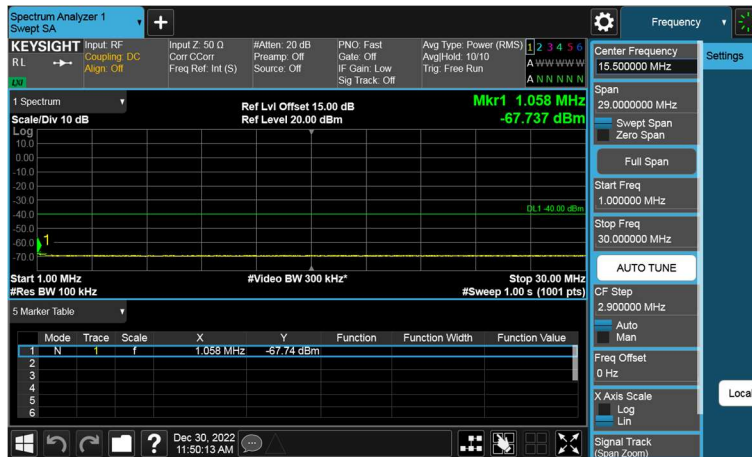
			3548.56	-60.63	3.98	15.23	-41.42	-13	Pass	
			3606.64	-61.23	3.98	15.23	-42.02	-13	Pass	
			3652.27	-61.44	3.98	15.23	-42.23	-25	Pass	
			3749.8	-62.12	3.98	15.23	-42.91	-40	Pass	
	Full RB	9K~1M	0.009	-86.27	3.98	30	-52.29	-40	Pass	
		1M~30M	1	-68.22	3.98	10	-54.24	-40	Pass	
		30M~10G	3237.5	-52.28	3.98	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	0.0104865	-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

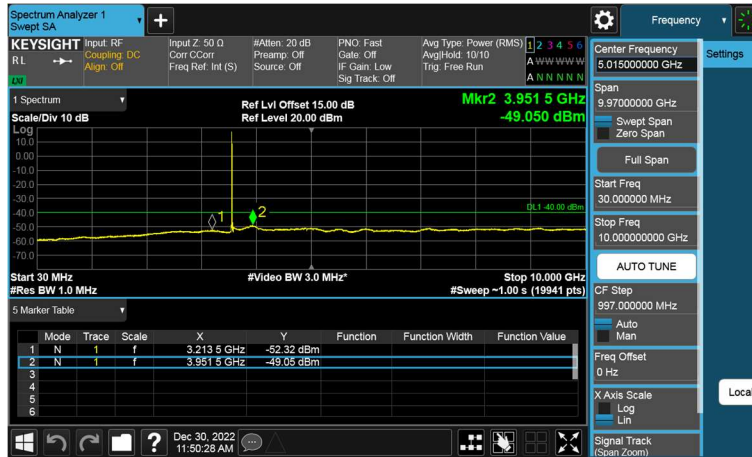
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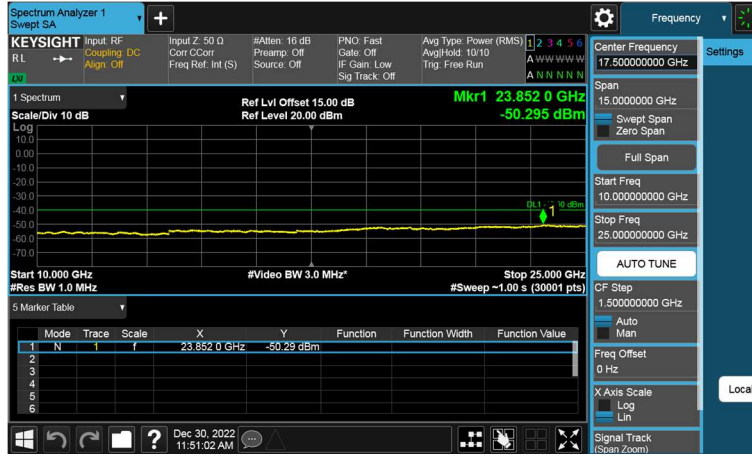
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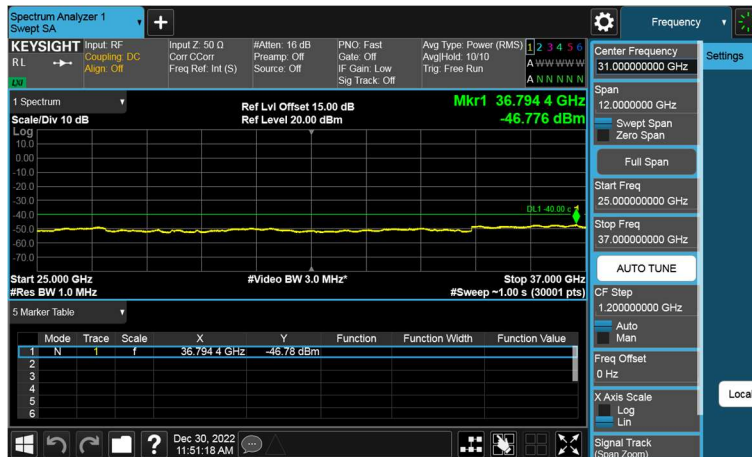
20M\_10M\_Q16\_1RB\_CSE1



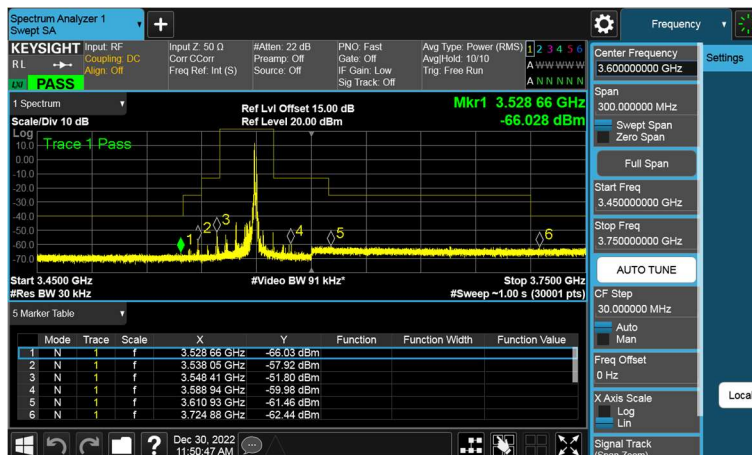
20M\_10M\_Q16\_1RB\_CSE2



20M\_10M\_Q16\_1RB\_CSE3

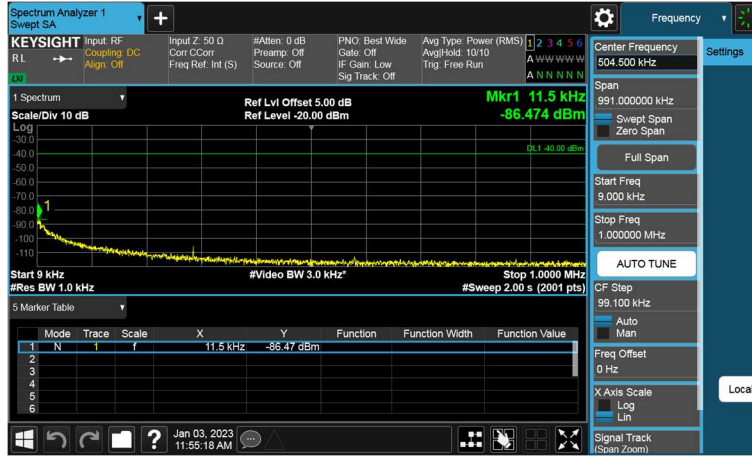


20M\_10M\_Q16\_1RB\_CSEpart96

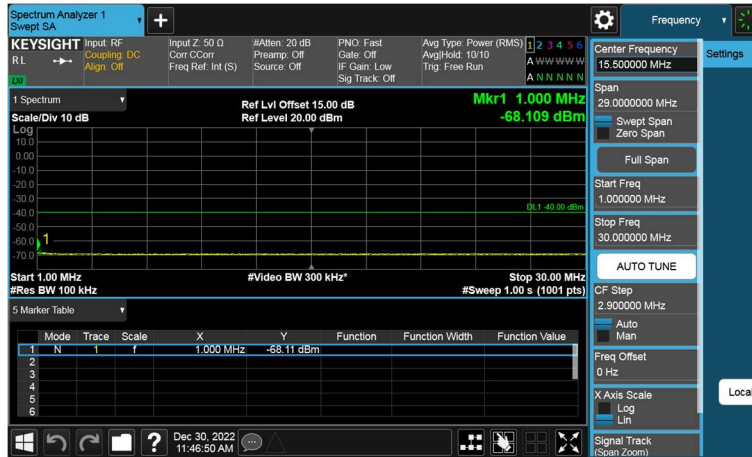




20M\_10M\_Q16\_FULLRB\_CSE0a



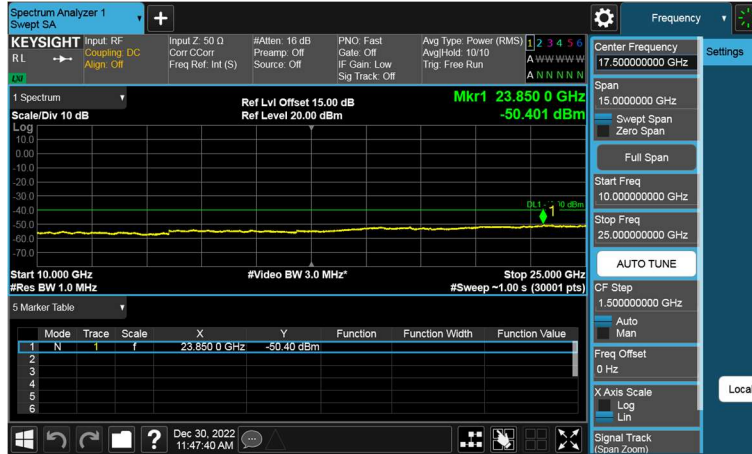
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20M\_10M\_Q16\_FULLRB\_CSE1



## 20M\_10M\_Q16\_FULLRB\_CSE2



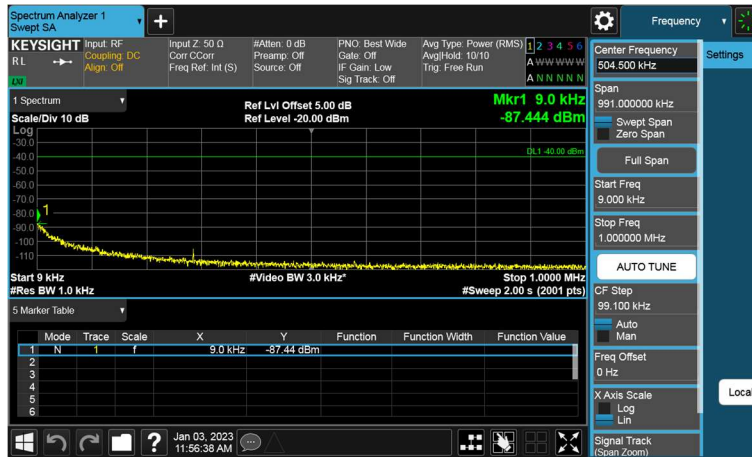
## 20M\_10M\_Q16\_FULLRB\_CSE3



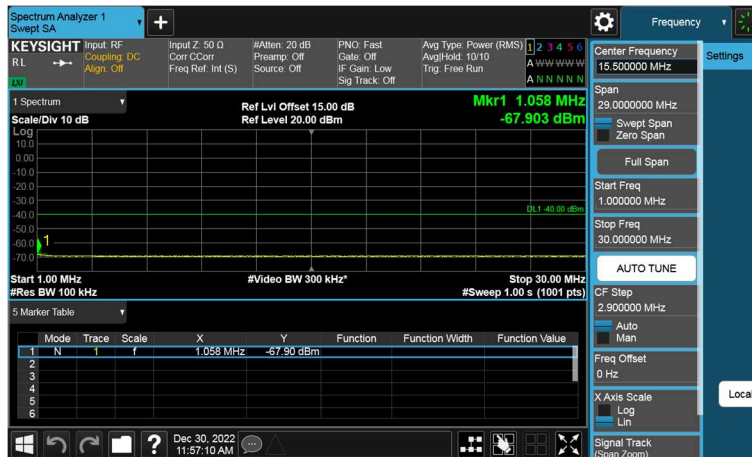
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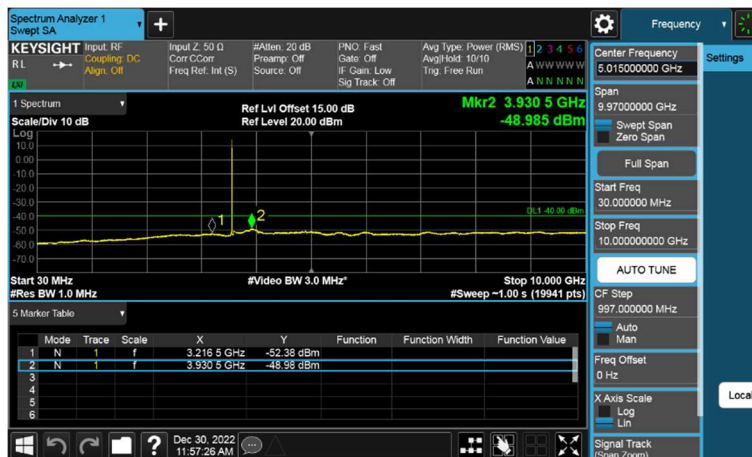
20M\_10M\_Q64\_1RB\_CSE0a



20M\_10M\_Q64\_1RB\_CSE0b



20M\_10M\_Q64\_1RB\_CSE1

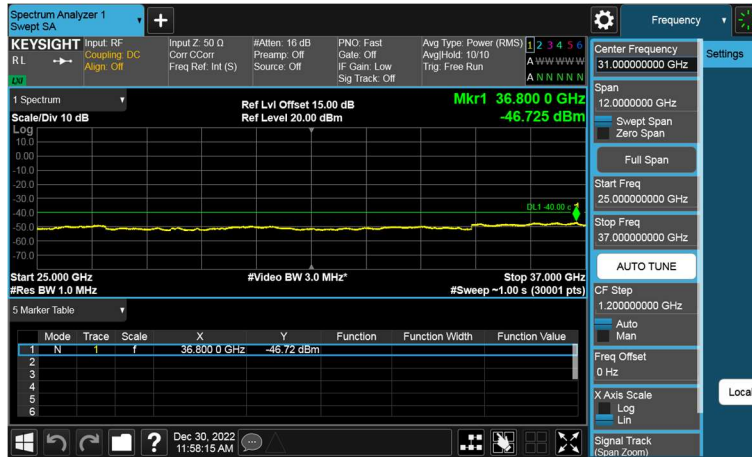




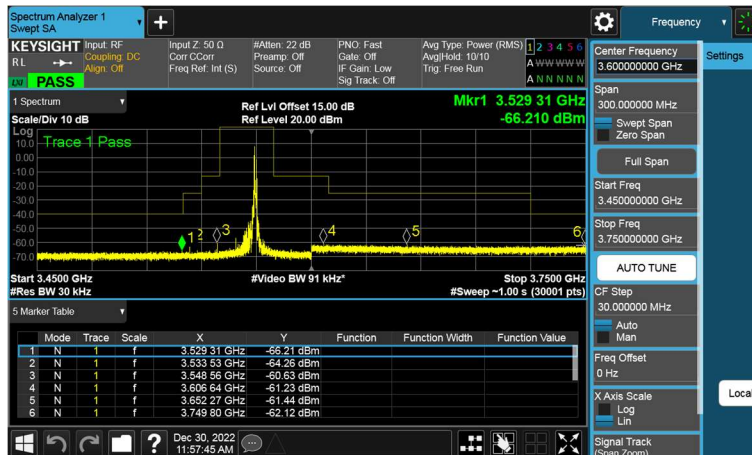
## 20M\_10M\_Q64\_1RB\_CSE2



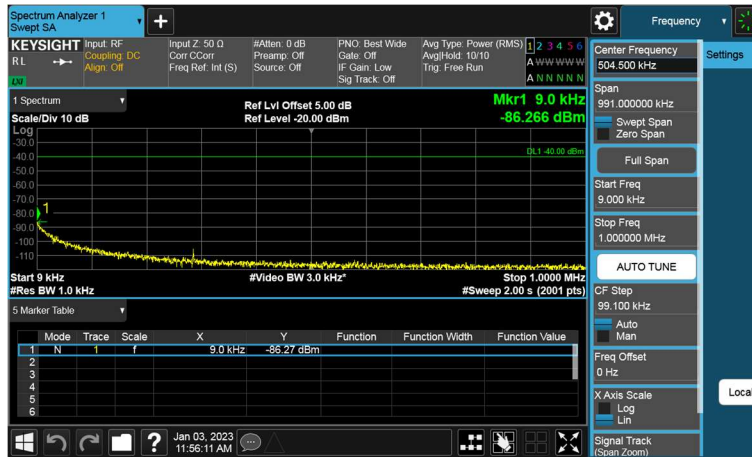
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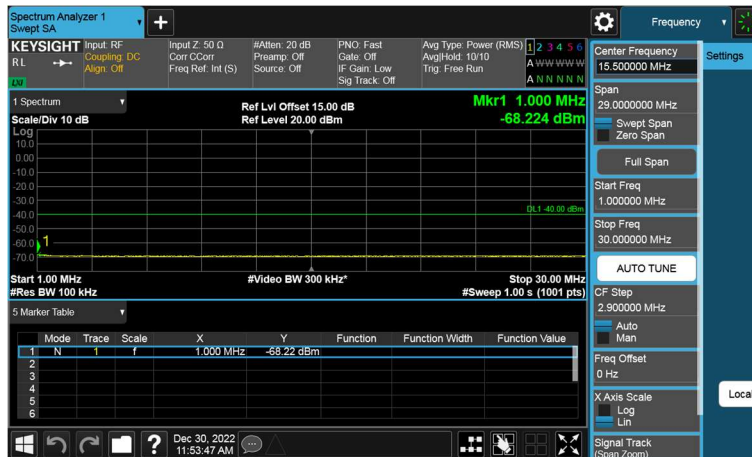
## 20M\_10M\_Q64\_1RB\_CSEpart96



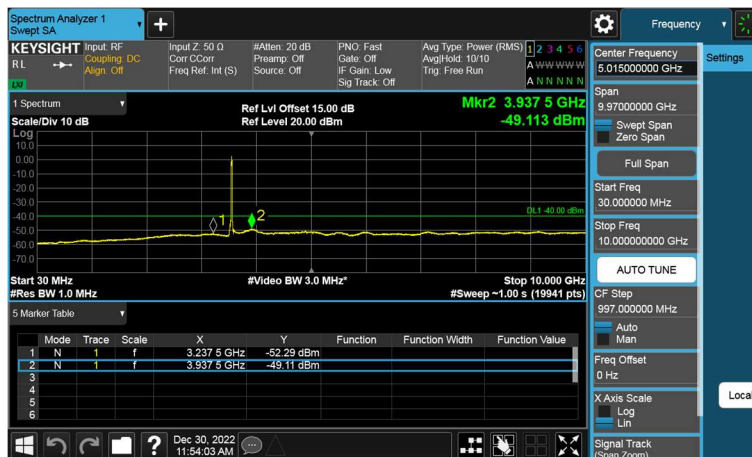
20M\_10M\_Q64\_FULLRB\_CSE0a



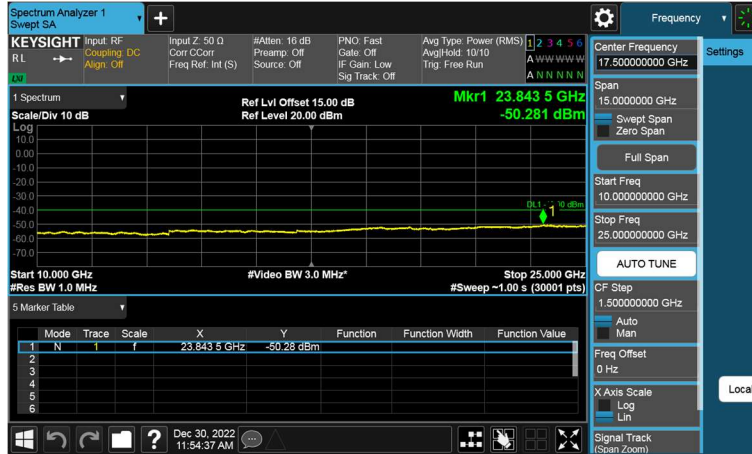
20M\_10M\_Q64\_FULLRB\_CSE0b



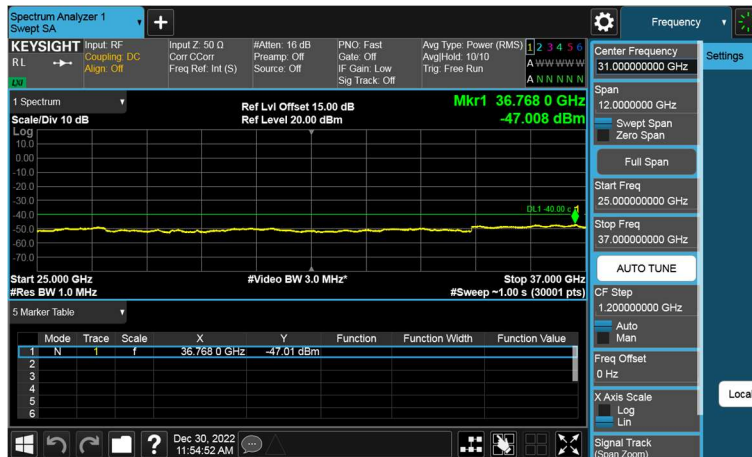
20M\_10M\_Q64\_FULLRB\_CSE1



### 20M\_10M\_Q64\_FULLRB\_CSE2



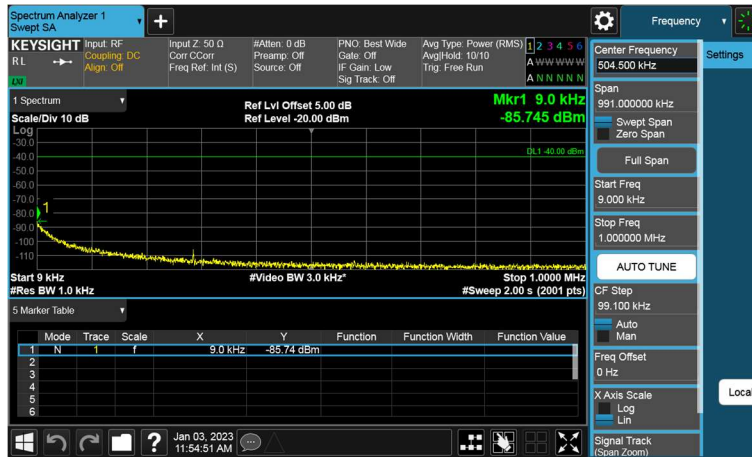
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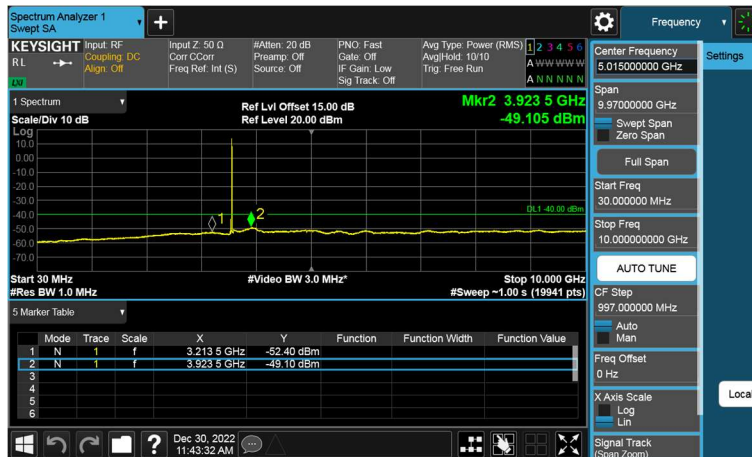
### 20M\_10M\_Q64\_FULLRB\_CSEpart96



### 20M\_10M\_QPSK\_1RB\_CSE0a



### 20M\_10M\_QPSK\_1RB\_CSE1

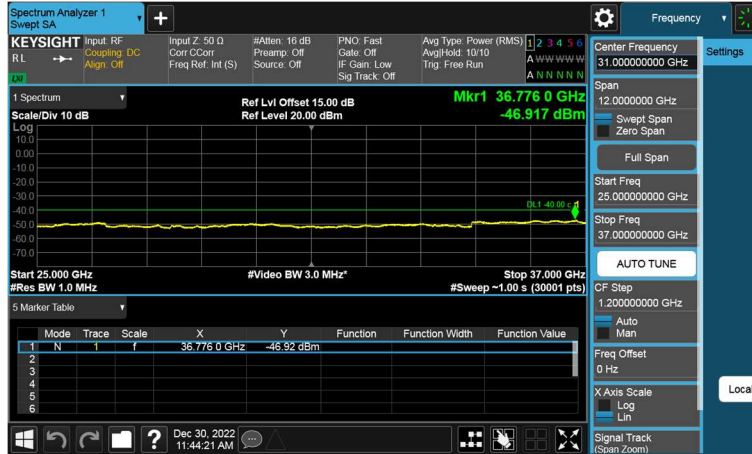


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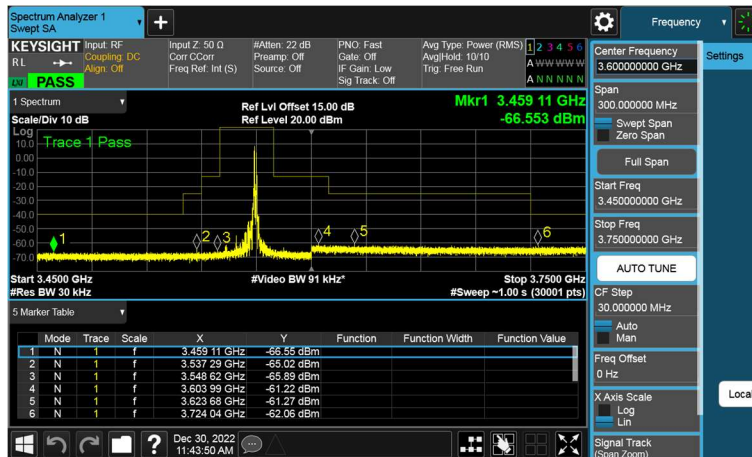




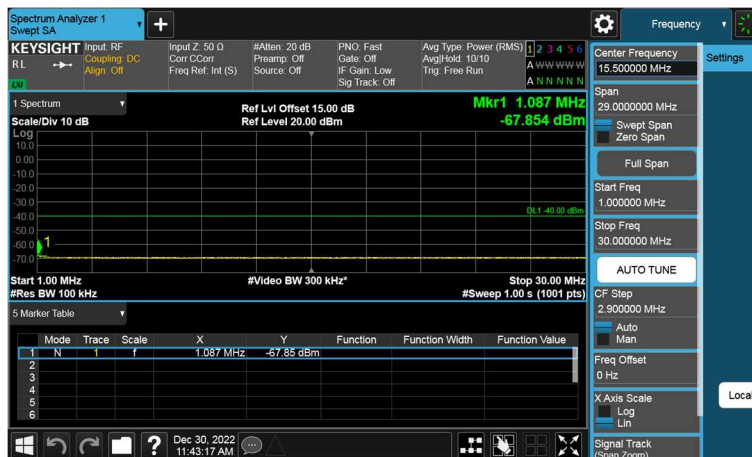
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### 20M\_10M\_QPSK\_1RB\_CSEpart96

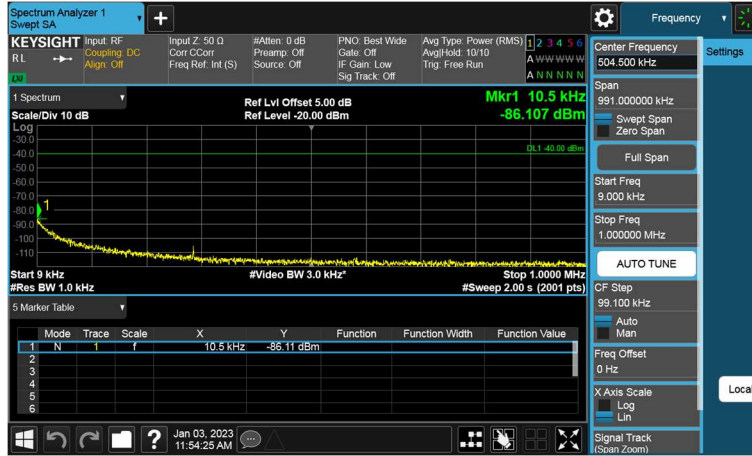


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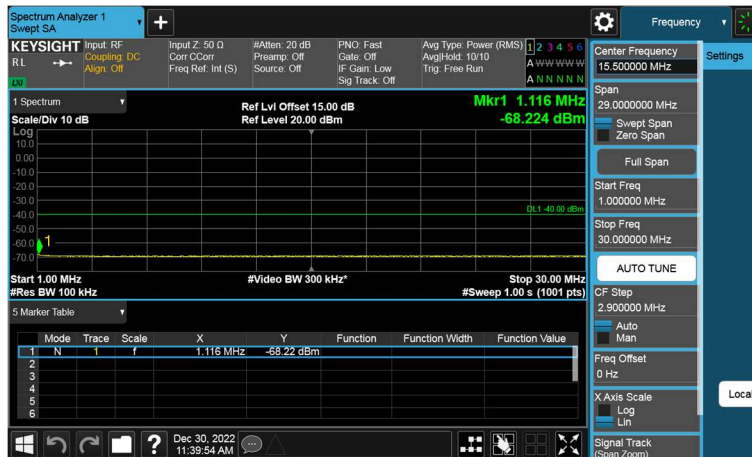




### 20M\_10M\_QPSK\_FULLRB\_CSE0a



### 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 CHL	PCC			SCC		
	BW (MHz)	Channel	Frequency (MHz)	BW (MHz)	Channel	Frequency (MHz)
	20	55340	3560	15	55511	3577.1

Conducted Spurious Emission									
Modulation	RB Allocation	Frequency Range (Hz)	Frequency (MHz)	Read level (dB)	DCC F (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	
	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

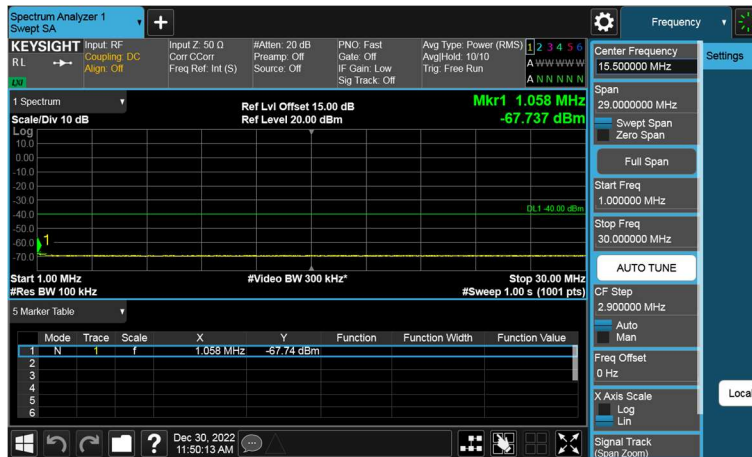
			3548.56	-60.63	3.98	15.23	-41.42	-13	Pass	
			3606.64	-61.23	3.98	15.23	-42.02	-13	Pass	
			3652.27	-61.44	3.98	15.23	-42.23	-25	Pass	
			3749.8	-62.12	3.98	15.23	-42.91	-40	Pass	
	Full RB	9K~1M	0.009	-86.27	3.98	30	-52.29	-40	Pass	
		1M~30M	1	-68.22	3.98	10	-54.24	-40	Pass	
		30M~10G	3237.5	-52.28	3.98	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

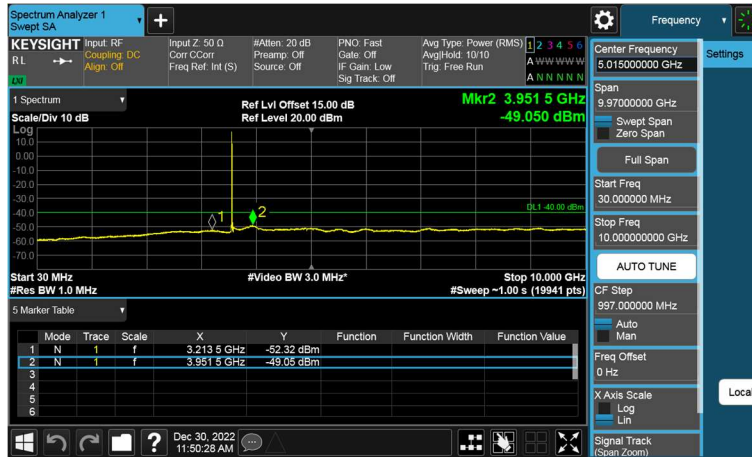
20M\_10M\_Q16\_1RB\_CSE0a



20M\_10M\_Q16\_1RB\_CSE0b

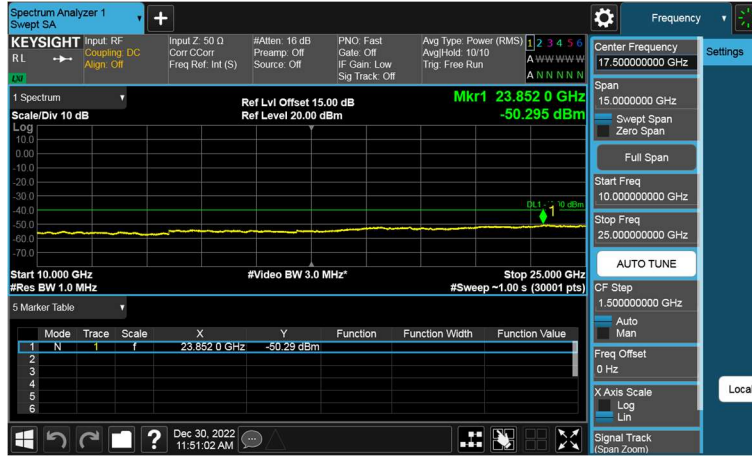


20M\_10M\_Q16\_1RB\_CSE1

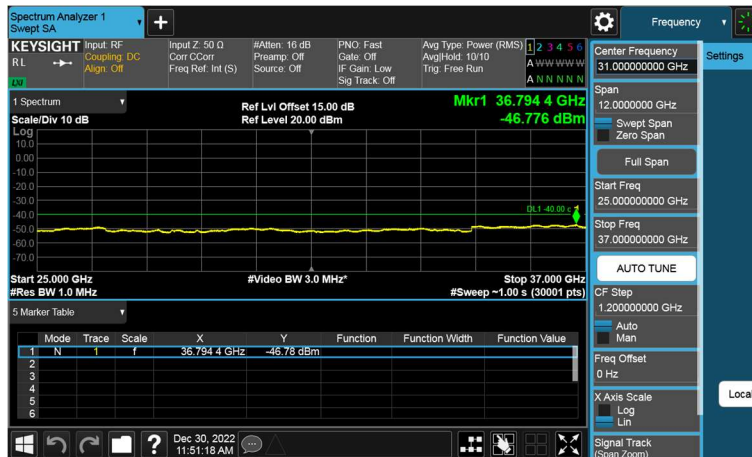




## 20M\_10M\_Q16\_1RB\_CSE2



## 20M\_10M\_Q16\_1RB\_CSE3



## 20M\_10M\_Q16\_1RB\_CSEpart96

