

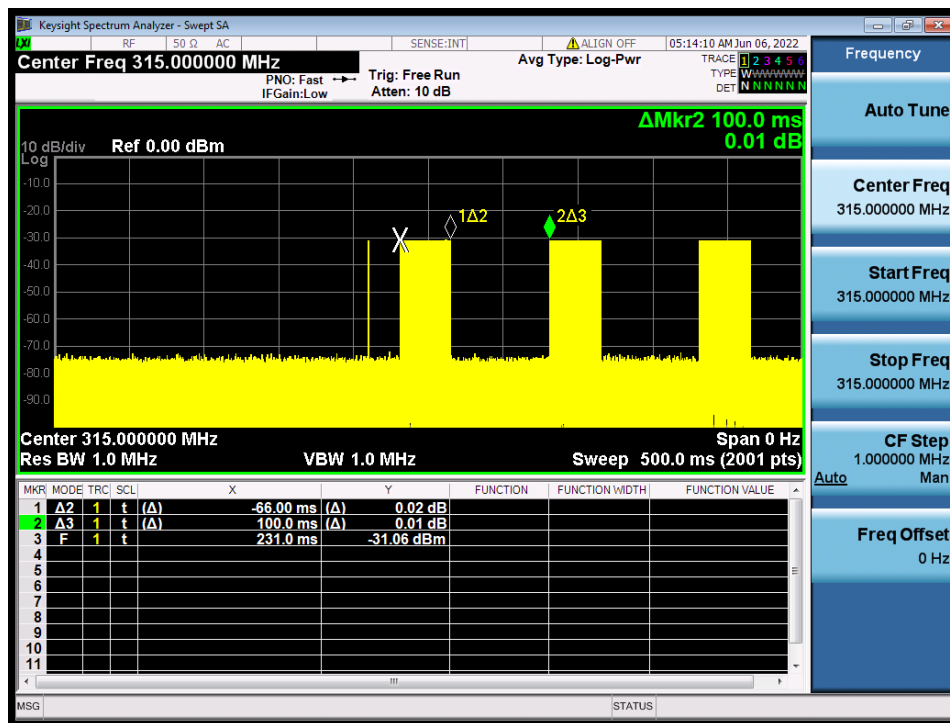
Appendix for KSCR2205000686AT

1. Spurious Emissions

1.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dB μ V/m)	Limit Line (dB μ V/m)	Over Limit (dB)	Detector	Polarization
Channel 1	315.00	68.20	95.62	-27.42	Peak	Vertical
		83.52	95.62	-12.10	Peak	Horizontal
		51.36	75.62	-24.26	Average	Vertical
		66.68	75.62	-8.94	Average	Horizontal

315.00MHz



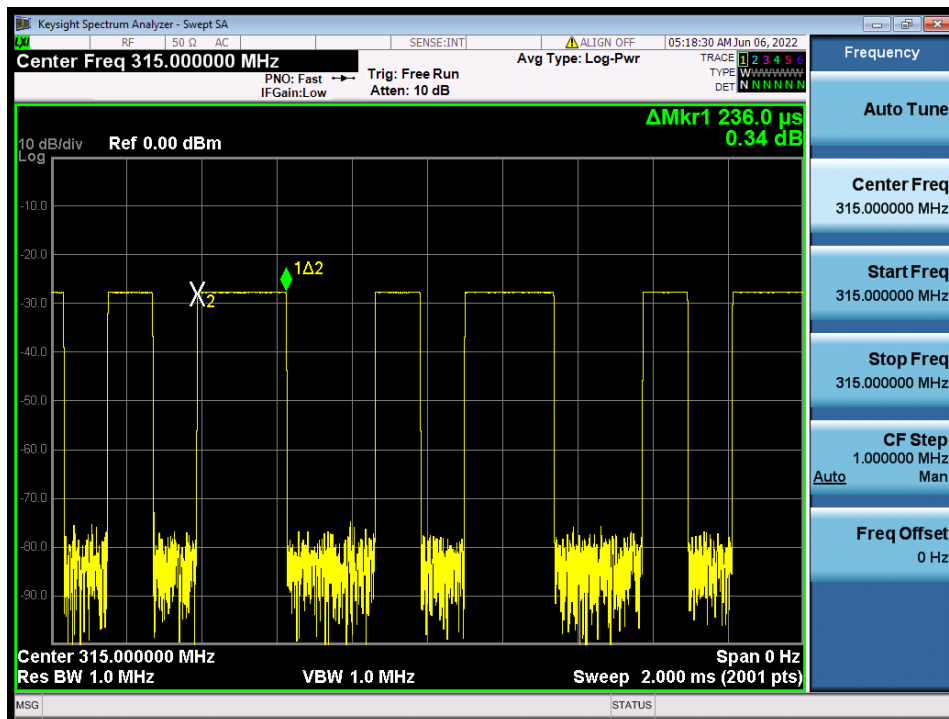
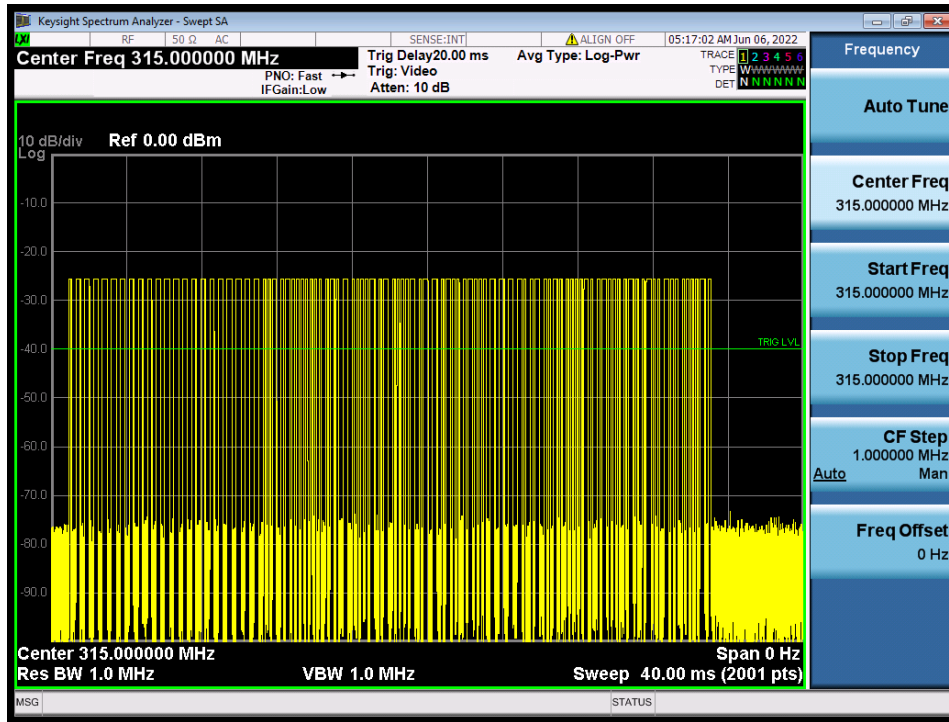
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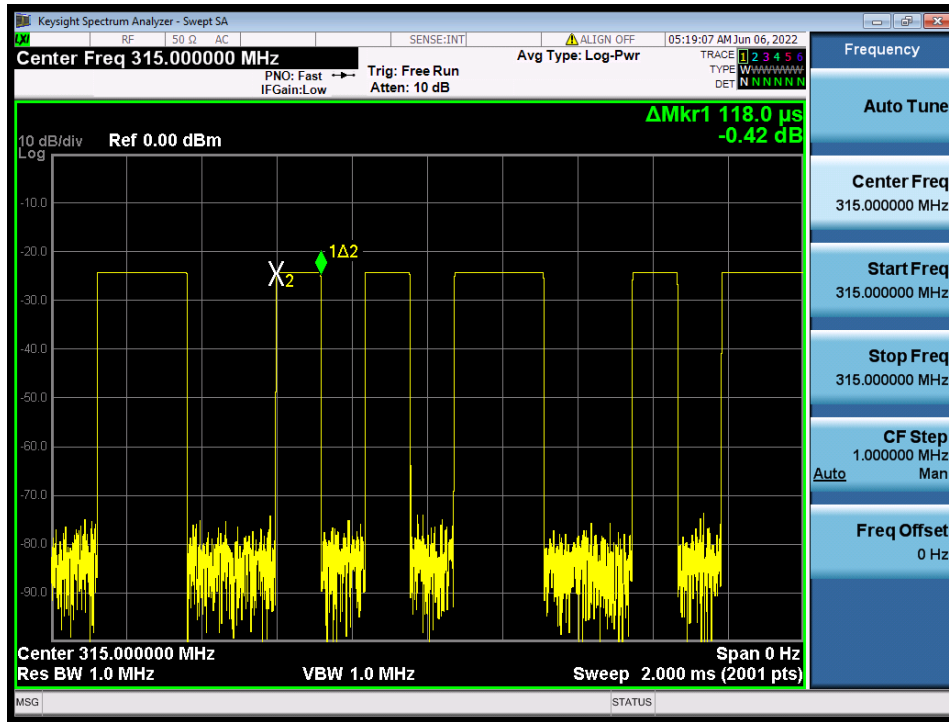




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Remark:

1. If the Peak value below the AV Limit, the AV test doesn't perform for this submission.
2. Average level=Peak level-Duty Cycle Factor
3. Duty Cycle Factor= $20\log(\text{Duty Cycle})=20\lg((26*0.236+70*0.118)/100)=-16.84\text{dB}$



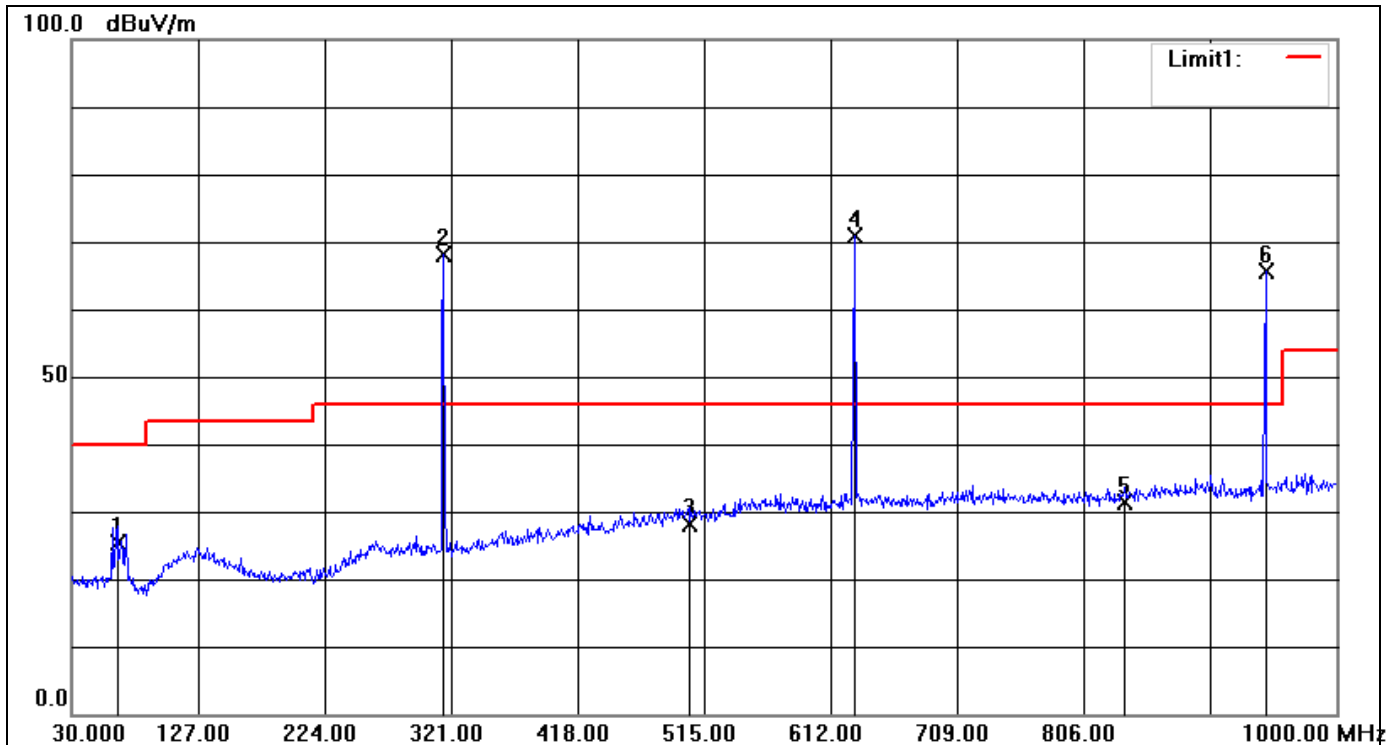
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1.2 Spurious Emissions

Below 1GHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	64.9200	10.57	14.92	25.49	40.00	-14.51	QP
2	315.1800	47.20	21.00	68.20	95.62	-27.42	Peak
3	503.3600	2.41	25.76	28.17	46.00	-17.83	QP
4	630.4300	43.37	27.58	70.95	75.62	-4.67	Peak
5	838.0100	29.13	2.16	31.29	46.00	-14.71	QP
6	945.6800	63.06	2.61	65.67	75.62	-9.95	Peak

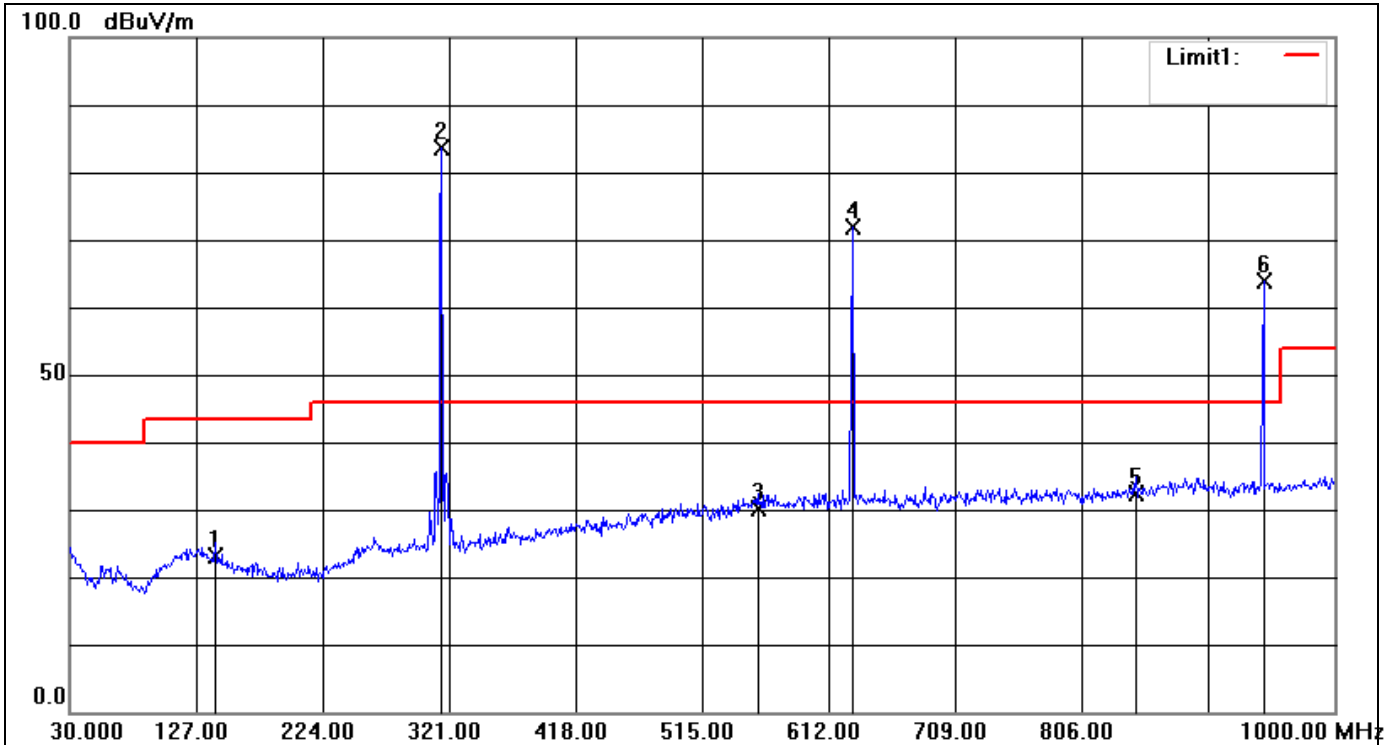


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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	141.5500	4.63	18.38	23.01	43.50	-20.49	QP
2	315.1800	62.52	21.00	83.52	95.62	-12.10	Peak
3	557.6800	2.80	27.26	30.06	46.00	-15.94	QP
4	630.4300	44.23	27.58	71.81	75.62	-3.81	Peak
5	847.7100	30.35	2.14	32.49	46.00	-13.51	QP
6	945.6800	61.38	2.61	63.99	75.62	-11.63	Peak



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Peak value:				
Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
315.1800	83.52	95.62	-12.10	Horizontal
630.4300	71.81	75.62	-3.81	Horizontal
945.6800	63.99	75.62	-11.63	Horizontal
315.1800	68.20	95.62	-27.42	Vertical
630.4300	70.95	75.62	-4.67	Vertical
945.6800	65.67	75.62	-9.95	Vertical

Average value:						
Frequency (MHz)	Average correction factor	Peak Level (dBuV/m)	Average Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
315.1800	-16.84	83.52	66.68	75.62	-8.94	Horizontal
630.4300	-16.84	71.81	54.97	55.62	-0.65	Horizontal
945.6800	-16.84	63.99	47.15	55.62	-8.47	Horizontal
315.1800	-16.84	68.20	51.36	75.62	-24.26	Vertical
630.4300	-16.84	70.95	54.11	55.62	-1.51	Vertical
945.6800	-16.84	65.67	48.83	55.62	-6.79	Vertical

Above 1GHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1753.000	52.94	-13.63	39.31	54.00	-14.69	peak	Vertical
2	2422.000	55.58	-10.54	45.04	54.00	-8.96	peak	Vertical
3	3637.000	57.17	-6.56	50.61	54.00	-3.39	peak	Vertical
4	1363.000	51.97	-13.19	38.78	54.00	-15.22	peak	Horizontal
5	2422.000	55.58	-10.54	45.04	54.00	-8.96	peak	Horizontal
6	3028.000	56.95	-8.17	48.78	54.00	-5.22	peak	Horizontal



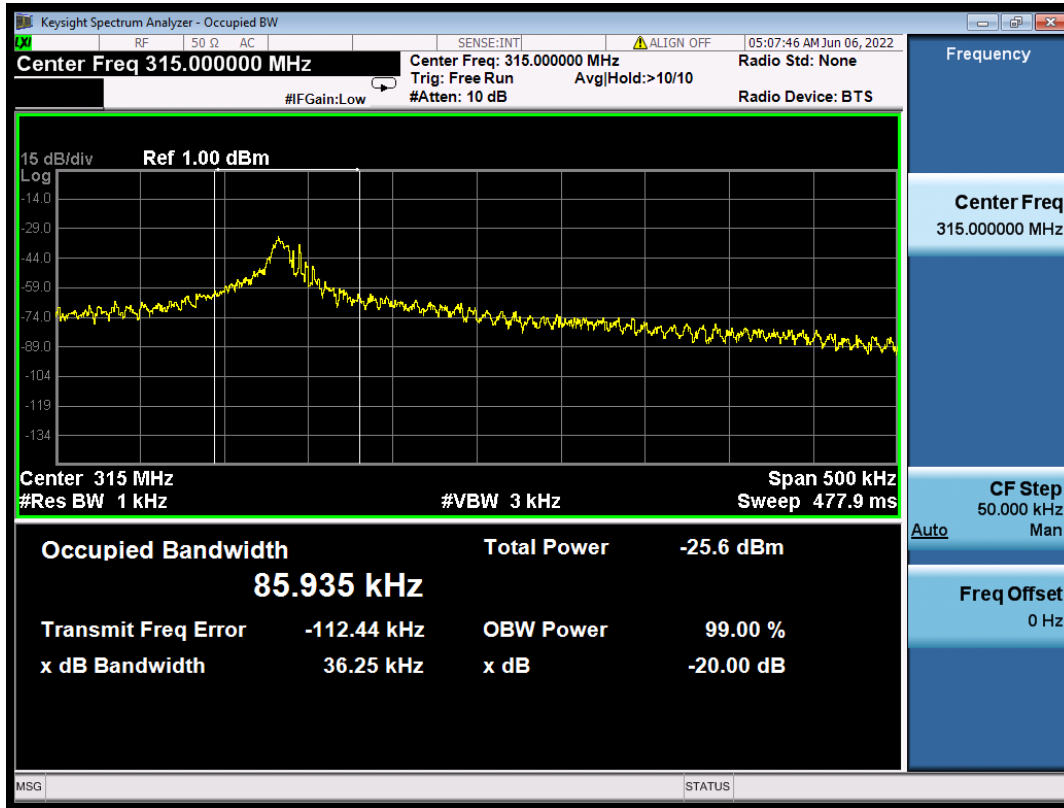
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2. 20dB Bandwidth

Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
315.00	36.25	787.50	Pass

Test plot as follows:



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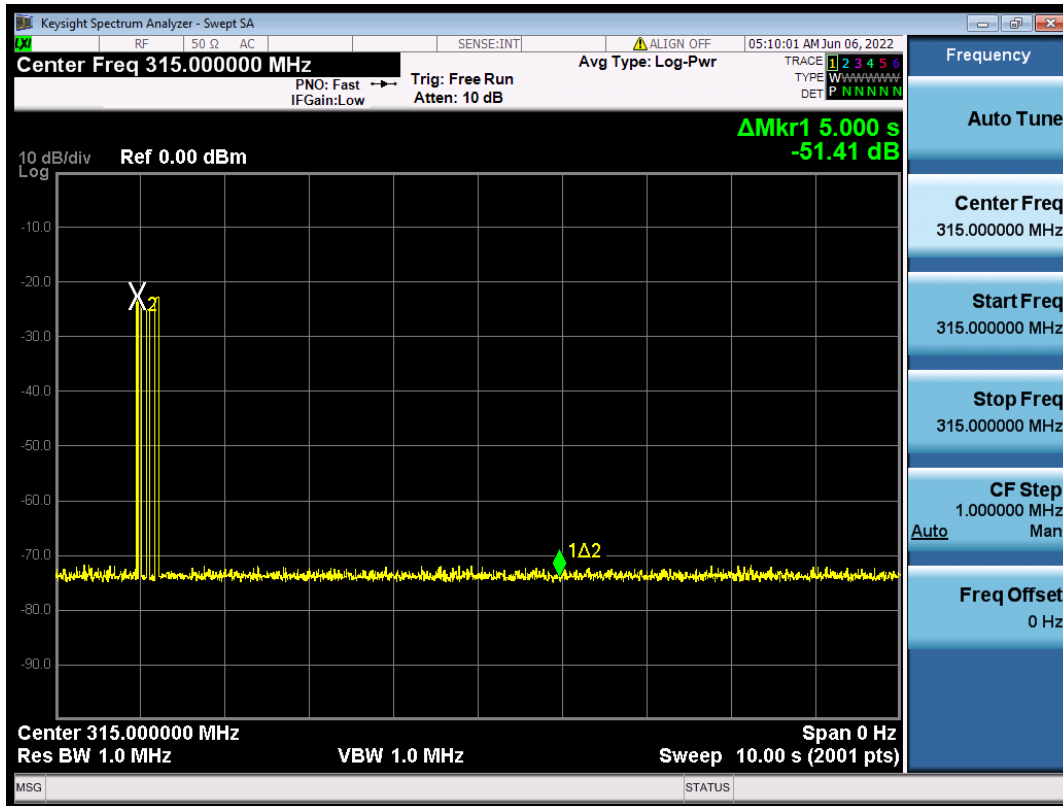
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3. Dwell Time

Measurement Data:

Test item	Limit (s)	Results
Transmission Duration	≤5s	Pass

Test plot as follows:



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