

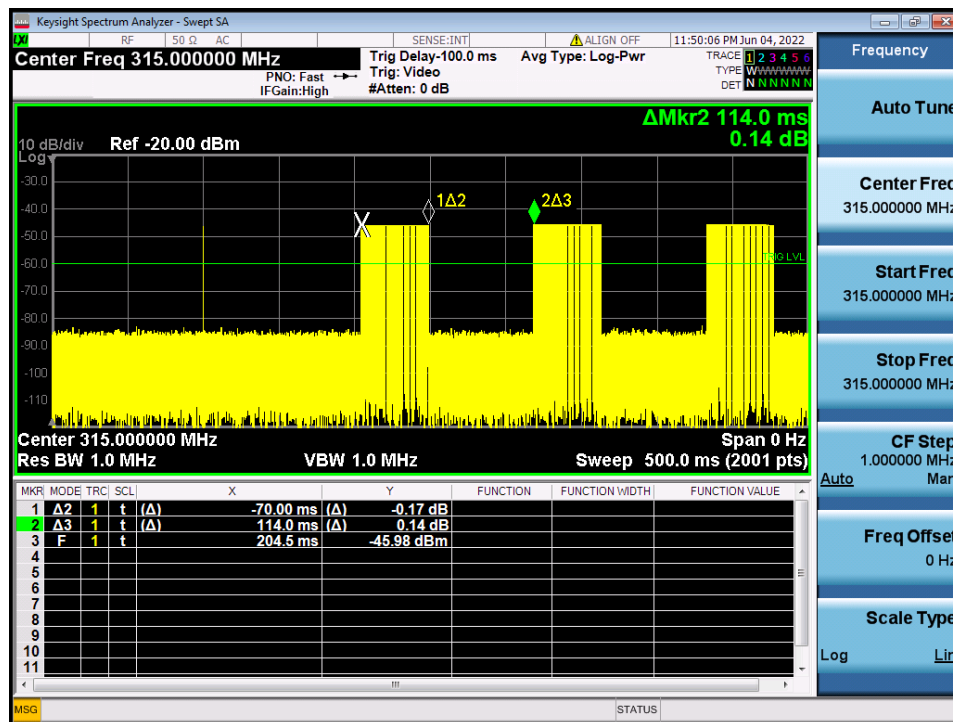
Appendix A for KSCR220500068201

1. Spurious Emissions

1.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
Channel 1	315.00	75.50	95.62	-20.12	Peak	Vertical
		83.79	95.62	-11.83	Peak	Horizontal
		62.36	75.62	-13.26	Average	Vertical
		70.65	75.62	-4.97	Average	Horizontal

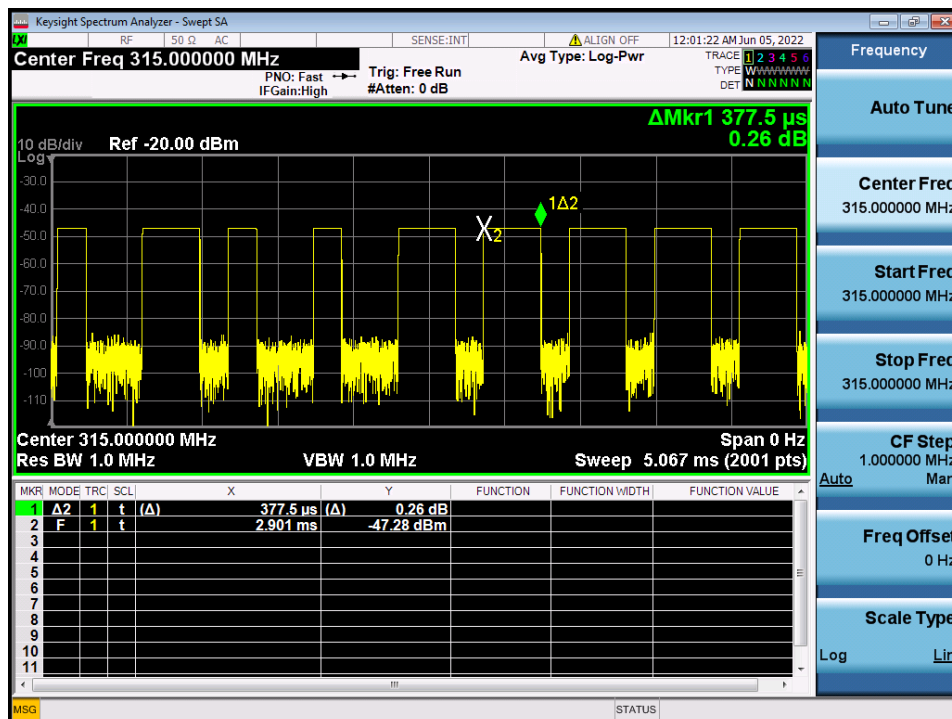
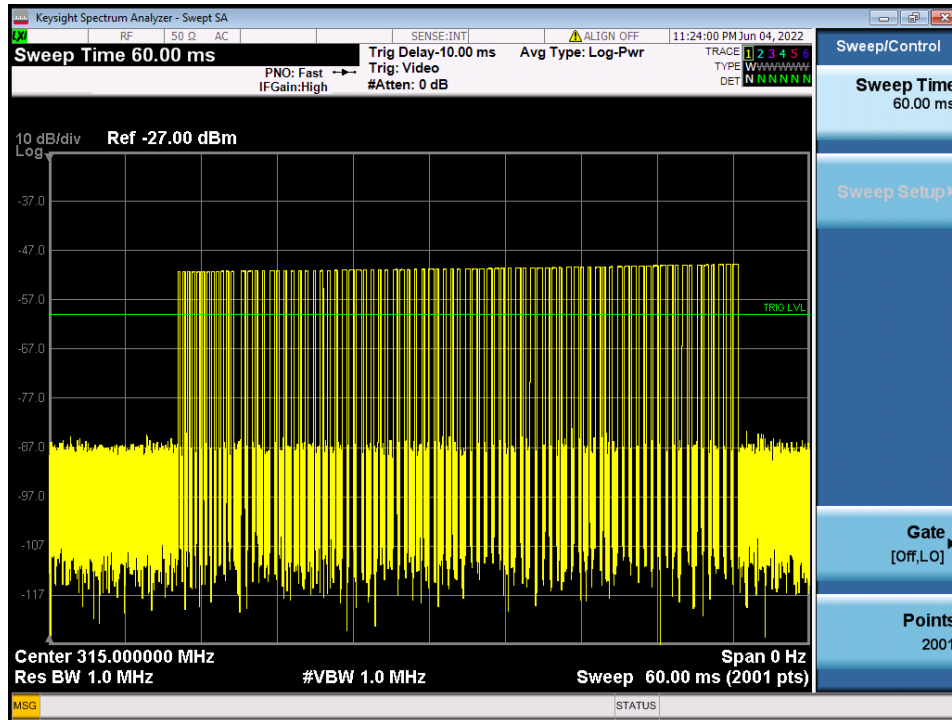
315.00MHz



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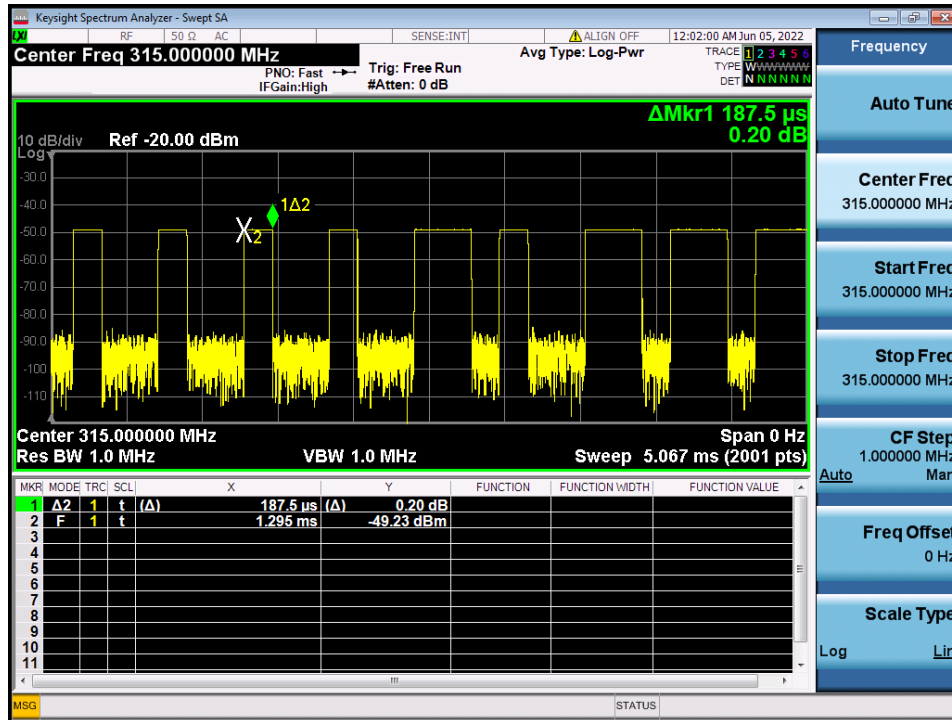
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Remark:

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= $20\log(\text{Duty Cycle}) = 20\log((36 \times 0.3775 + 45 \times 0.1875)/100) = -13.14\text{dB}$



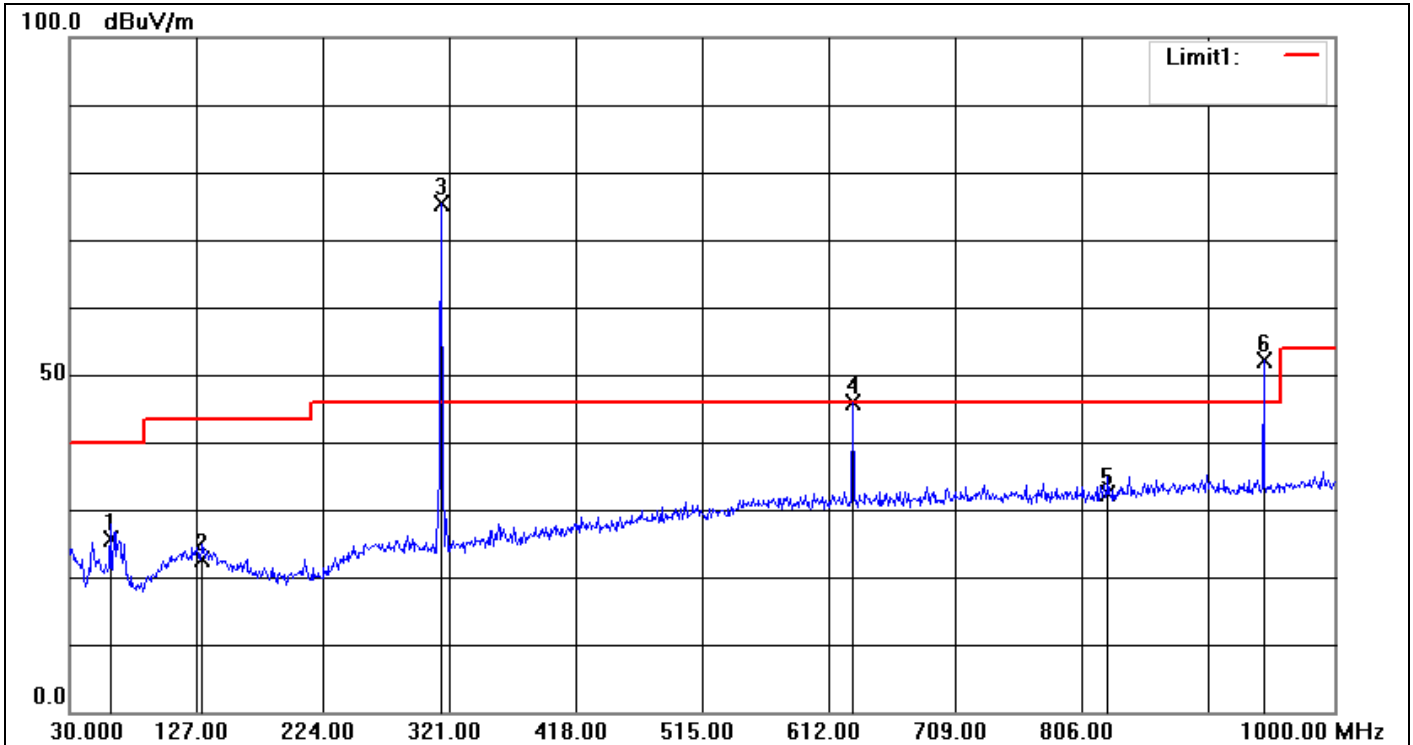
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1.2 Spurious Emissions

Below 1GHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	61.0400	10.93	14.74	25.67	40.00	-14.33	QP
2	131.8500	3.45	19.30	22.75	43.50	-20.75	QP
3	315.1800	54.50	21.00	75.50	95.62	-20.12	Peak
4	630.4300	18.38	27.58	45.96	75.62	-29.66	Peak
5	826.3700	30.25	2.19	32.44	46.00	-13.56	QP
6	945.6800	49.41	2.61	52.02	75.62	-23.60	Peak

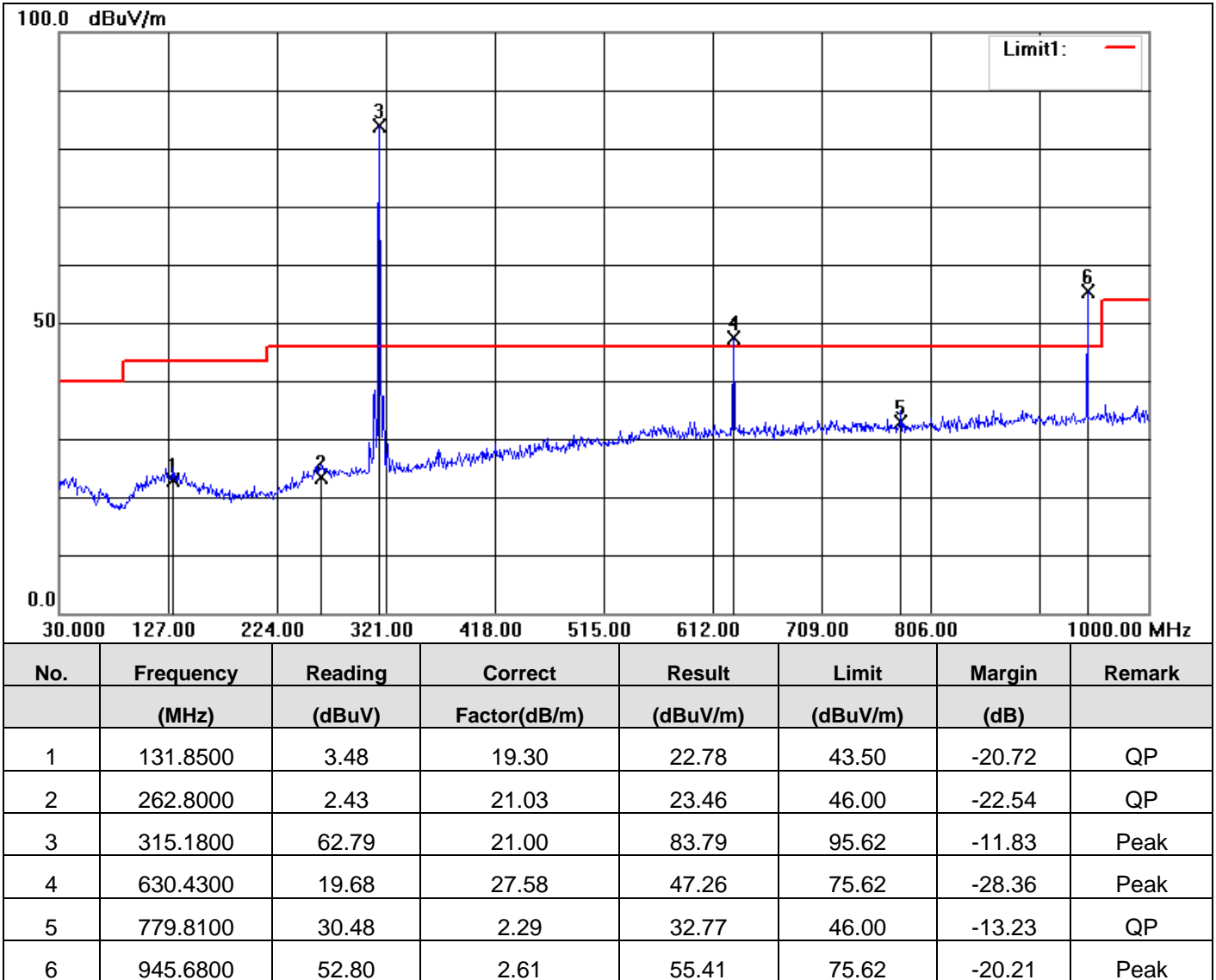


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Horizontal:



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Peak value:				
Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
315.1800	83.79	95.62	-11.83	Horizontal
630.4300	47.26	75.62	-28.36	Horizontal
945.6800	55.41	75.62	-20.21	Horizontal
315.1800	75.50	95.62	-20.12	Vertical
630.4300	45.96	75.62	-29.66	Vertical
945.6800	52.02	75.62	-23.60	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	-13.14	83.79	70.65	75.62	-4.97	Horizontal
630.4300	-13.14	47.26	34.12	55.62	-21.50	Horizontal
945.6800	-13.14	55.41	42.27	55.62	-13.35	Horizontal
315.1800	-13.14	75.50	62.36	75.62	-13.26	Vertical
630.4300	-13.14	45.96	32.82	55.62	-22.80	Vertical
945.6800	-13.14	52.02	38.88	55.62	-16.74	Vertical

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Above 1GHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1894.000	56.99	-14.63	42.36	54.00	-11.64	peak	Vertical
2	2326.000	50.40	-8.91	41.49	54.00	-12.51	peak	Vertical
3	3355.000	54.02	-6.62	47.40	54.00	-6.60	peak	Vertical
4	1411.000	57.87	-16.99	40.88	54.00	-13.12	peak	Horizontal
5	1858.000	57.76	-15.27	42.49	54.00	-11.51	peak	Horizontal
6	2593.000	52.08	-7.57	44.51	54.00	-9.49	peak	Horizontal



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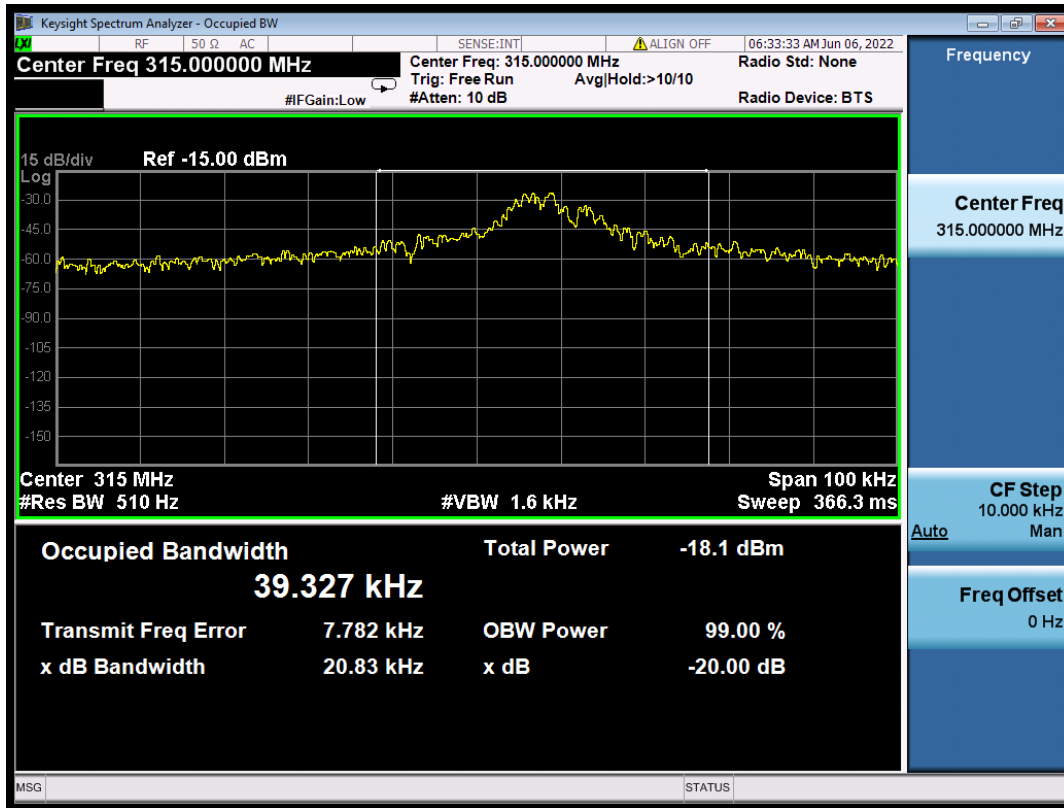
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2. 20dB Bandwidth

Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
315.00	20.83	787.50	Pass

Test plot as follows:



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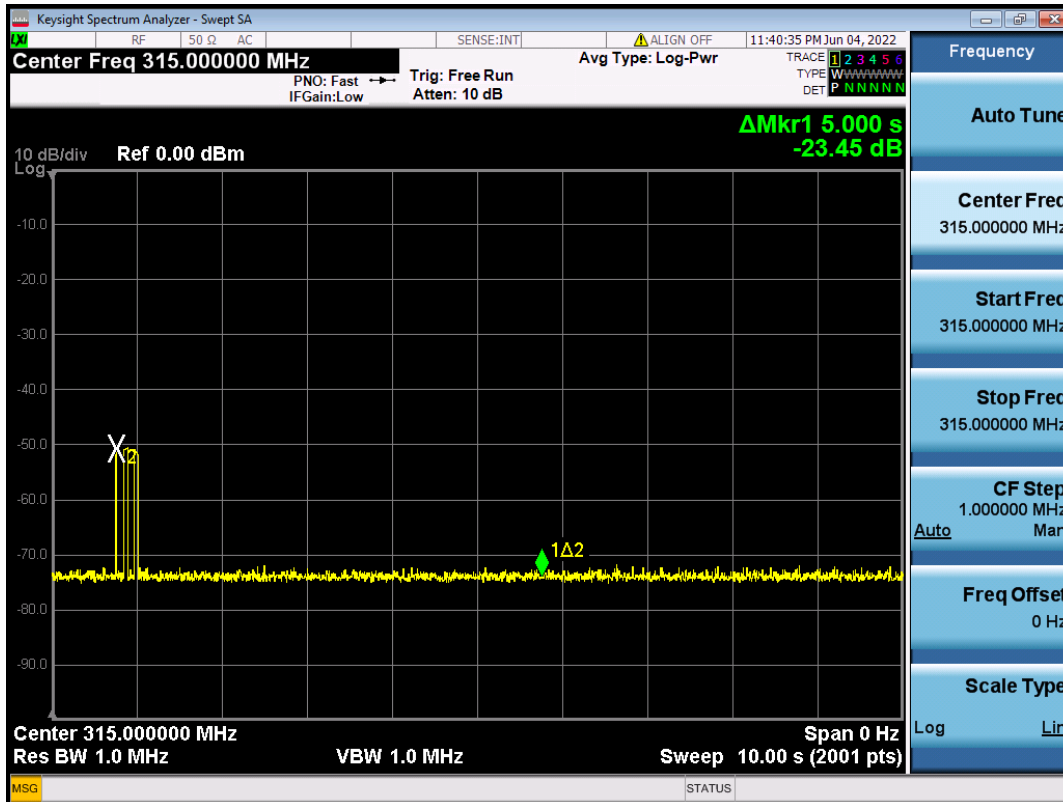
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3. Dwell Time

Measurement Data:

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

Test plot as follows:



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