

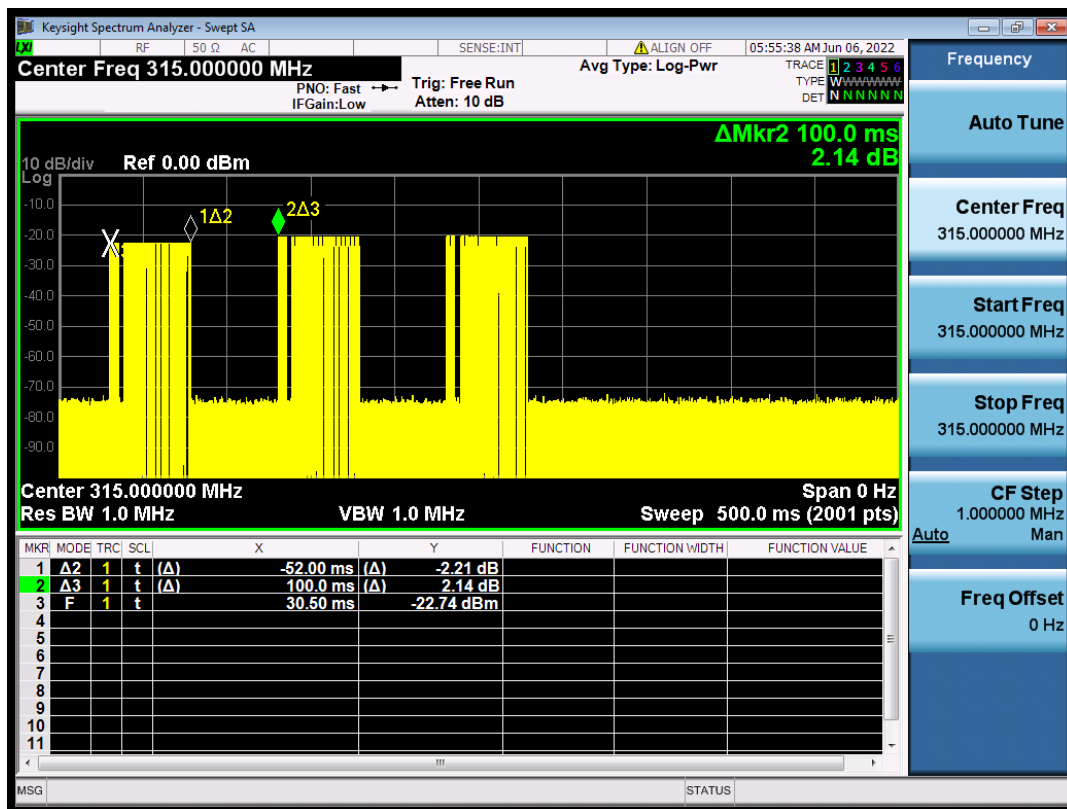
## Appendix A for KSCR220500068101

### 1. Spurious Emissions

#### 1.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
Channel 1	315.00	71.89	95.62	-23.73	Peak	Vertical
		69.89	95.62	-25.73	Peak	Horizontal
		58.84	75.62	-16.78	Average	Vertical
		56.84	75.62	-18.78	Average	Horizontal

315.00MHz

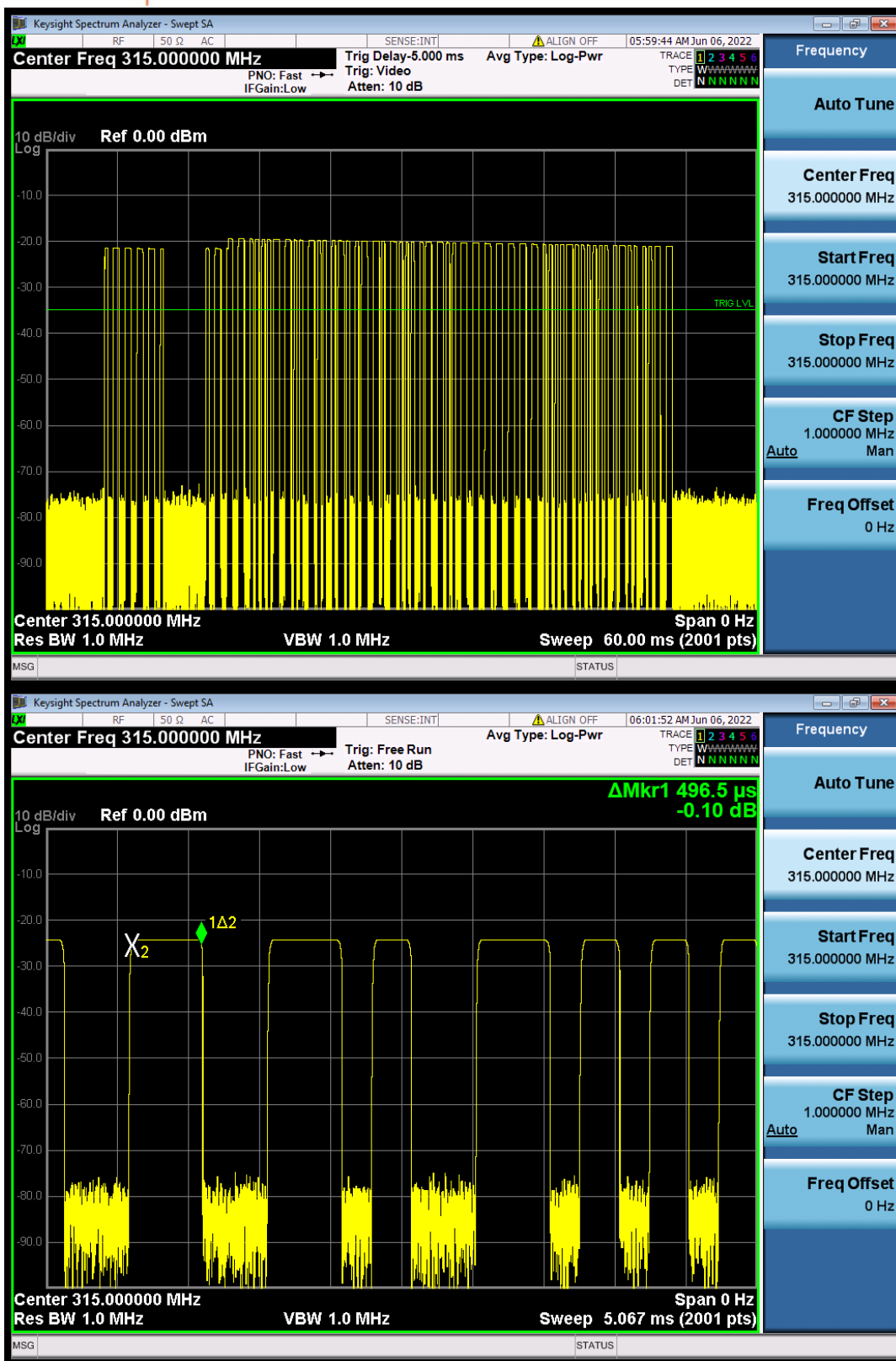


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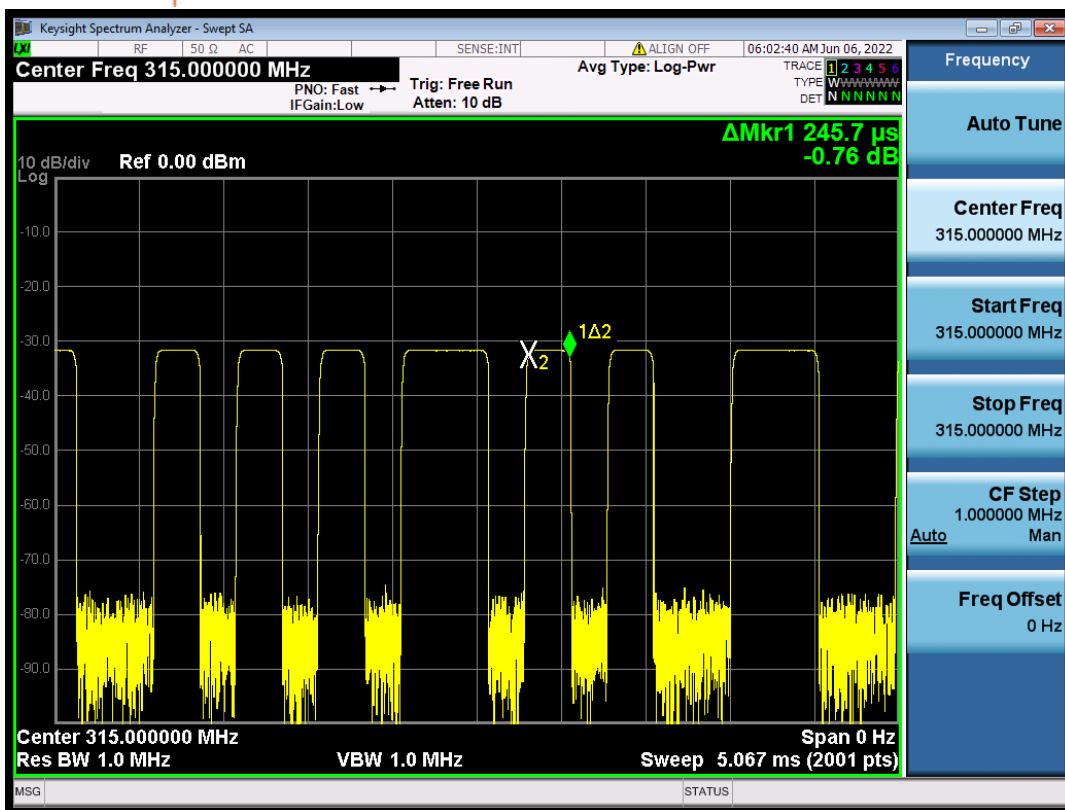
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Remark:

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=  $20\lg(\text{Duty Cycle}) = 20\lg((27 \times 0.4965 + 36 \times 0.2457)/100) = -13.05\text{dB}$



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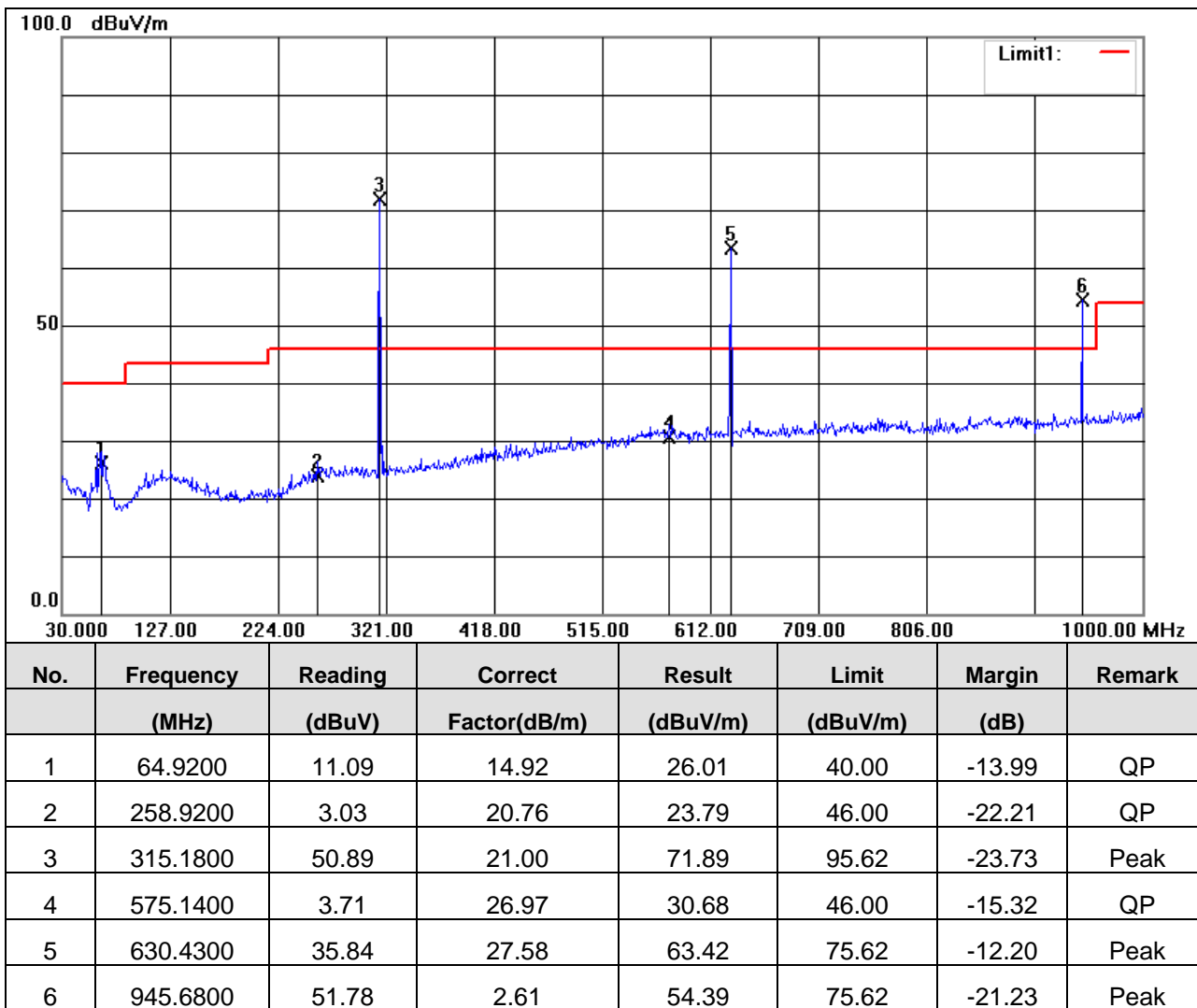
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## 1.2 Spurious Emissions

Below 1GHz

Vertical:

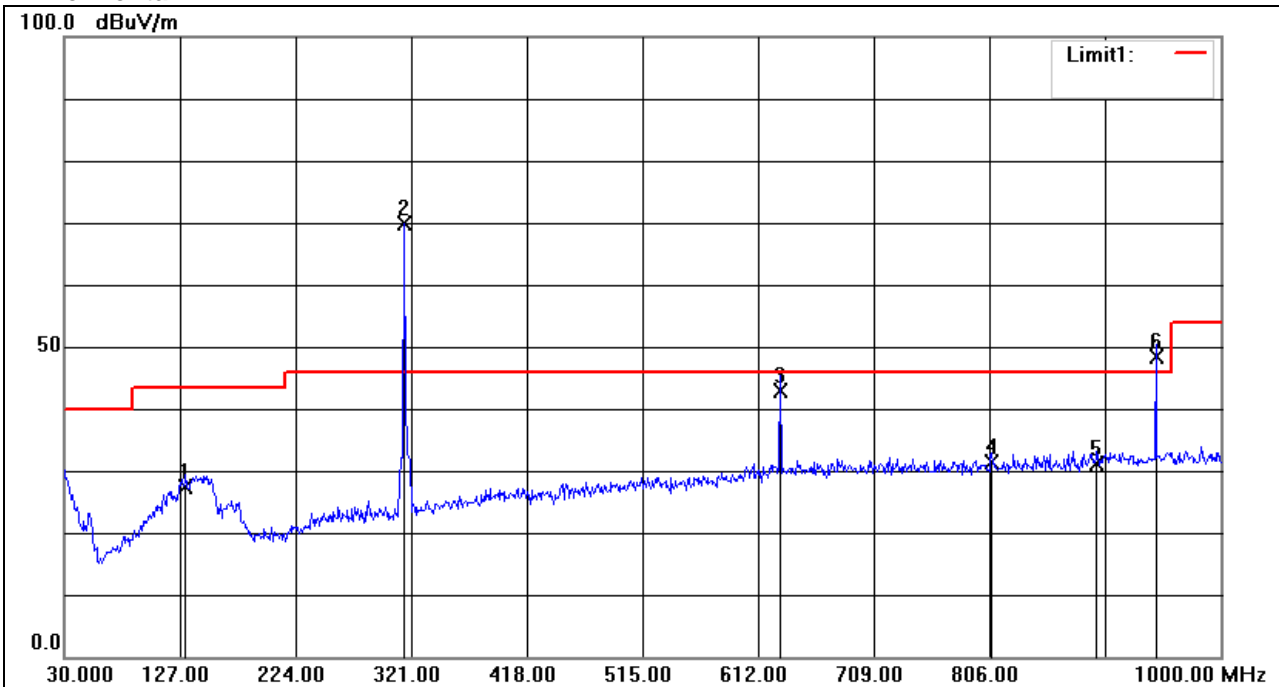


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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	131.8500	7.93	19.55	27.48	43.50	-16.02	QP
2	315.1800	48.74	21.15	69.89	95.62	-25.73	Peak
3	630.4300	16.11	26.88	42.99	75.62	-32.63	Peak
4	807.9400	3.40	27.87	31.27	46.00	-14.73	QP
5	896.2100	2.41	28.63	31.04	46.00	-14.96	QP
6	945.6800	19.08	29.25	48.33	75.62	-27.29	Peak



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Peak value:				
Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
315.1800	69.89	95.62	-25.73	Horizontal
630.4300	42.99	75.62	-32.63	Horizontal
945.6800	48.33	75.62	-27.29	Horizontal
315.1800	71.89	95.62	-23.73	Vertical
630.4300	63.42	75.62	-12.20	Vertical
945.6800	54.39	75.62	-21.23	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	-13.05	69.89	56.84	75.62	-18.78	Horizontal
630.4300	-13.05	42.99	29.94	55.62	-25.68	Horizontal
945.6800	-13.05	48.33	35.28	55.62	-20.34	Horizontal
315.1800	-13.05	71.89	58.84	75.62	-16.78	Vertical
630.4300	-13.05	63.42	50.37	55.62	-5.25	Vertical
945.6800	-13.05	54.39	41.34	55.62	-14.28	Vertical



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## Above 1GHz

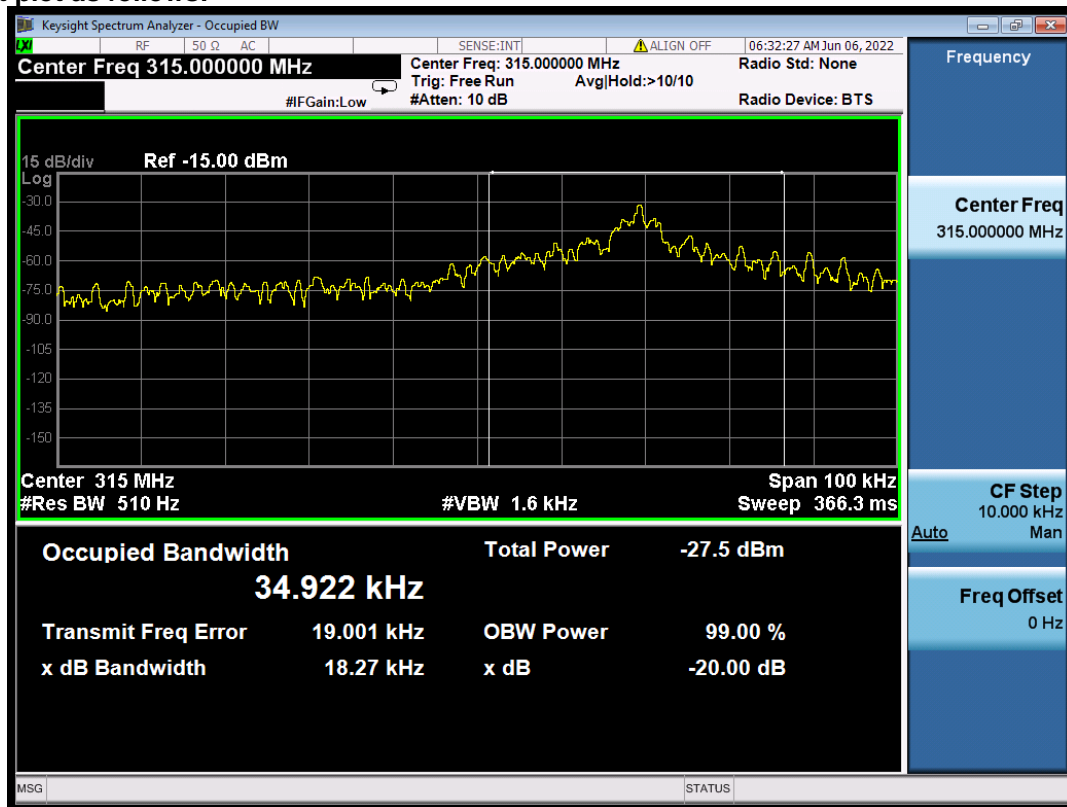
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1684.000	54.83	-14.80	40.03	54.00	-13.97	peak	Vertical
2	2380.000	53.07	-10.82	42.25	54.00	-11.75	peak	Vertical
3	3036.000	52.02	-6.07	45.95	54.00	-8.05	peak	Vertical
4	2036.000	54.54	-12.86	41.68	54.00	-12.32	peak	Horizontal
5	2844.000	52.03	-8.77	43.26	54.00	-10.74	peak	Horizontal
6	3868.000	51.80	-6.33	45.47	54.00	-8.53	peak	Horizontal

## 2. 20dB Bandwidth

### Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
315.00	18.27	787.50	Pass

### Test plot as follows:



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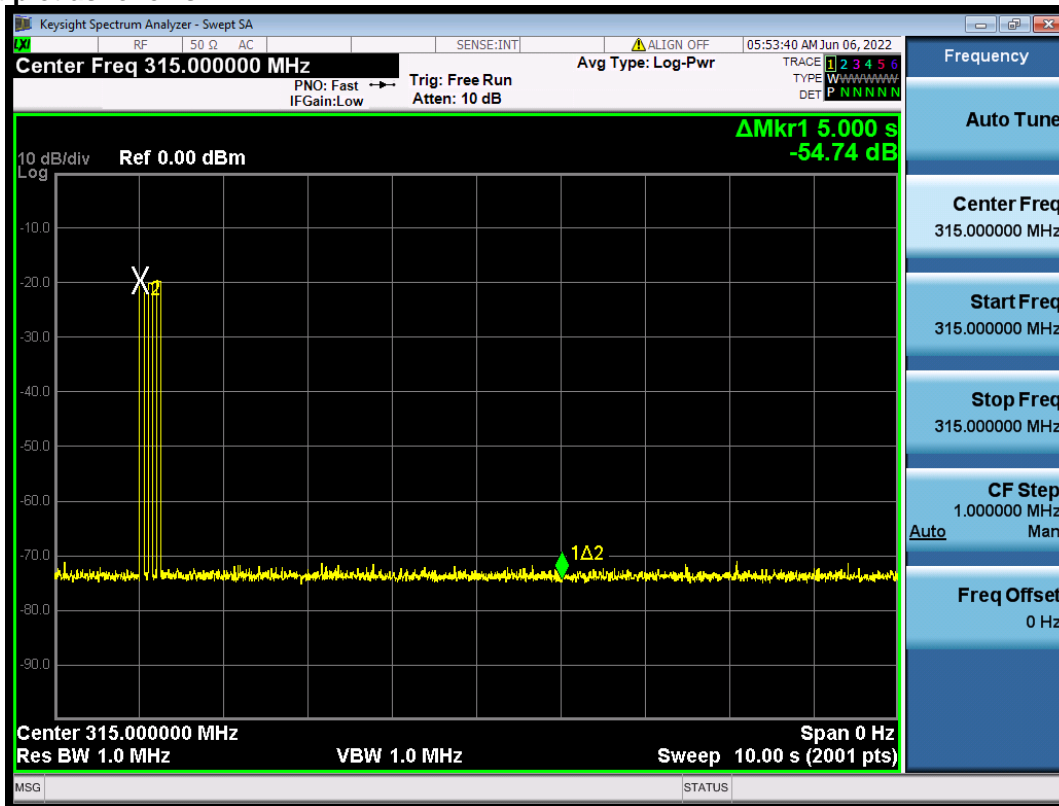
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### 3. Dwell Time

**Measurement Data:**

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

**Test plot as follows:**



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