

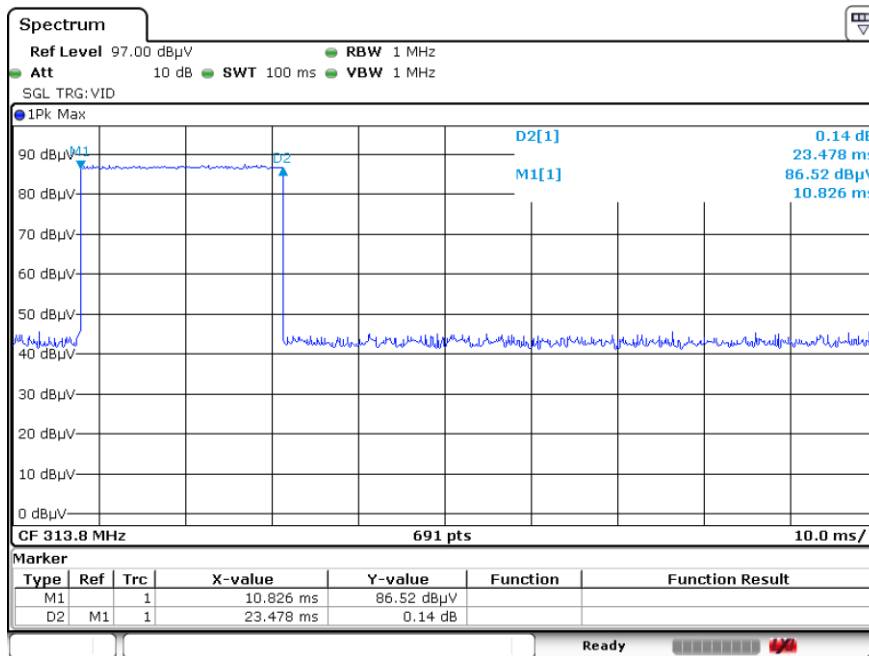
## Appendix A for KSCR220500068001

### 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	313.80	80.75	95.55	-14.80	Peak	Vertical
		87.20	95.55	-8.35	Peak	Horizontal
		68.16	75.55	-7.39	AVG	Vertical
		74.61	75.55	-0.94	AVG	Horizontal

313.80MHz



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= 20log(Duty Cycle)= -12.59dB



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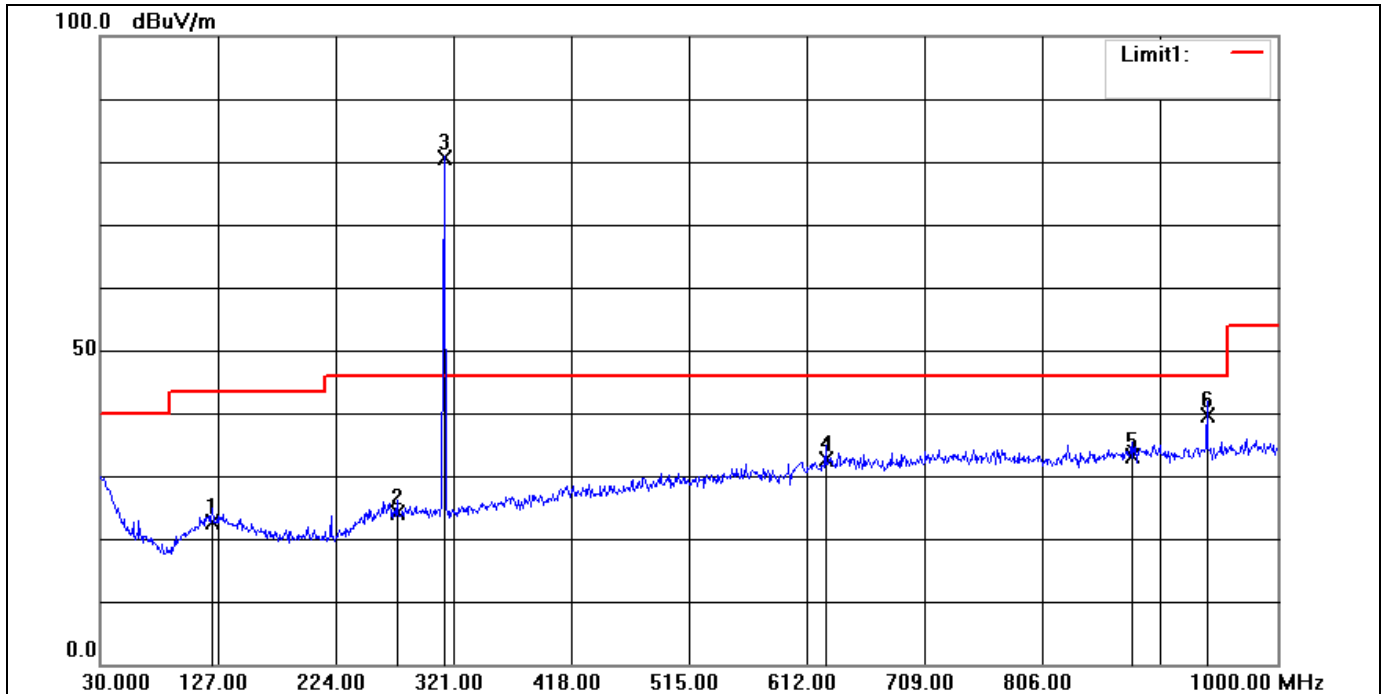
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### 1.2 Spurious Emissions

Below 1GHz

313.80MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	122.1500	3.32	19.41	22.73	43.50	-20.77	QP
2	274.4400	3.85	20.24	24.09	46.00	-21.91	QP
3	313.2400	59.80	20.95	80.75	95.55	-14.80	peak
4	627.5200	5.16	27.43	32.59	75.55	-42.96	peak
5	879.7200	30.82	2.32	33.14	46.00	-12.86	QP
6	941.8000	37.02	2.60	39.62	75.55	-35.93	peak



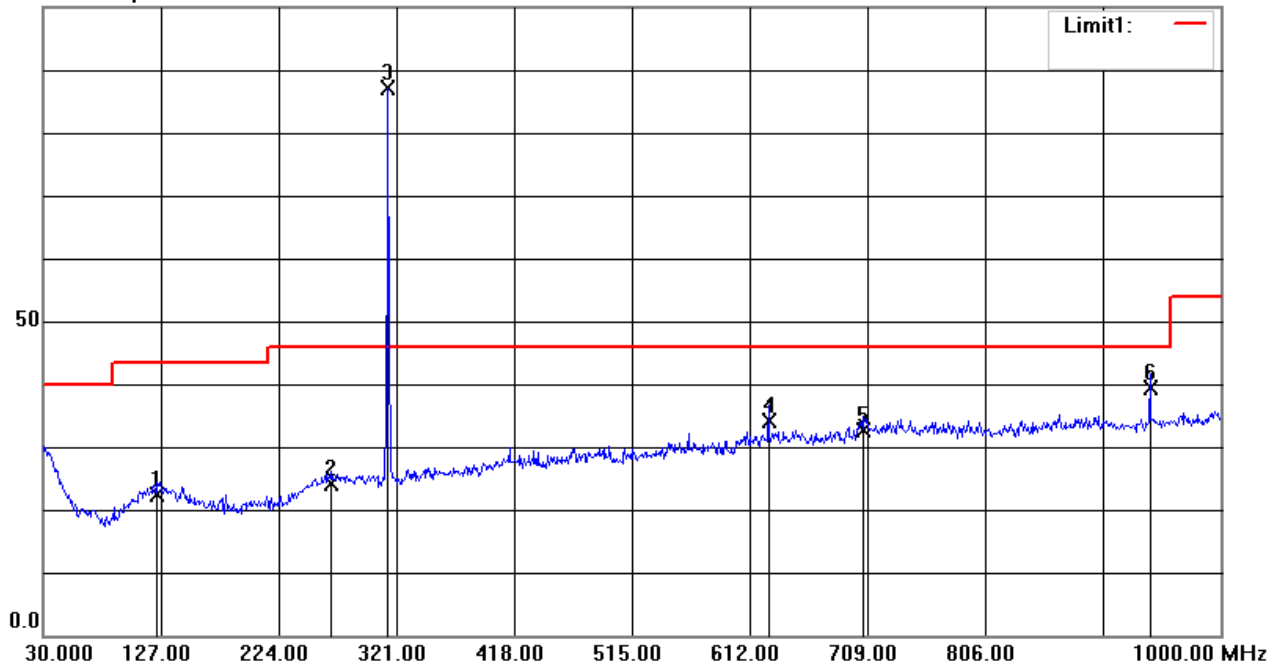
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**Horizontal:**

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	124.0900	3.00	19.44	22.44	43.50	-21.06	QP
2	267.6500	3.33	20.70	24.03	46.00	-21.97	QP
3	314.2100	66.22	20.98	87.20	95.55	-11.65	peak
4	627.5200	6.72	27.43	34.15	75.55	-41.40	peak
5	706.0900	30.21	2.47	32.68	46.00	-13.32	QP
6	941.8000	36.87	2.60	39.47	75.55	-36.08	peak



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Peak value:				
Frequency (MHz)	Level (dBUV/m)	Limit Line (dBUV/m)	Over Limit (dB)	Polarization
314.2100	87.20	95.55	-8.35	Horizontal
627.5200	34.15	75.55	-41.40	Horizontal
941.8000	39.47	75.55	-36.08	Horizontal
313.2400	80.75	95.55	-14.80	Vertical
627.5200	32.59	75.55	-42.96	Vertical
941.8000	39.62	75.55	-35.93	Vertical

Average value:						
Frequency (MHz)	Average correction factor	Peak Level (dBUV/m)	Average Level (dBUV/m)	Limit Line (dBUV/m)	Over Limit (dB)	Polarization
314.2100	-12.59	87.20	74.61	75.55	-0.94	Horizontal
627.5200	-12.59	34.15	21.56	55.55	-33.99	Horizontal
941.8000	-12.59	39.47	26.88	55.55	-28.67	Horizontal
313.2400	-12.59	80.75	68.16	75.55	-7.39	Vertical
627.5200	-12.59	32.59	20.00	55.55	-35.55	Vertical
941.8000	-12.59	39.62	27.03	55.55	-28.52	Vertical



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**1GHz~6GHz**

**313.80MHz**

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1255.200	57.34	-23.79	33.55	54.00	-20.45	peak	Vertical
2	1569.000	58.09	-23.17	34.92	54.00	-19.08	peak	Vertical
3	1882.800	57.85	-23.05	34.80	54.00	-19.20	peak	Vertical
4	1255.200	56.45	-23.79	32.66	54.00	-21.34	peak	Horizontal
5	1569.000	57.11	-23.17	33.94	54.00	-20.06	peak	Horizontal
6	1882.800	55.75	-23.05	32.70	54.00	-21.30	peak	Horizontal



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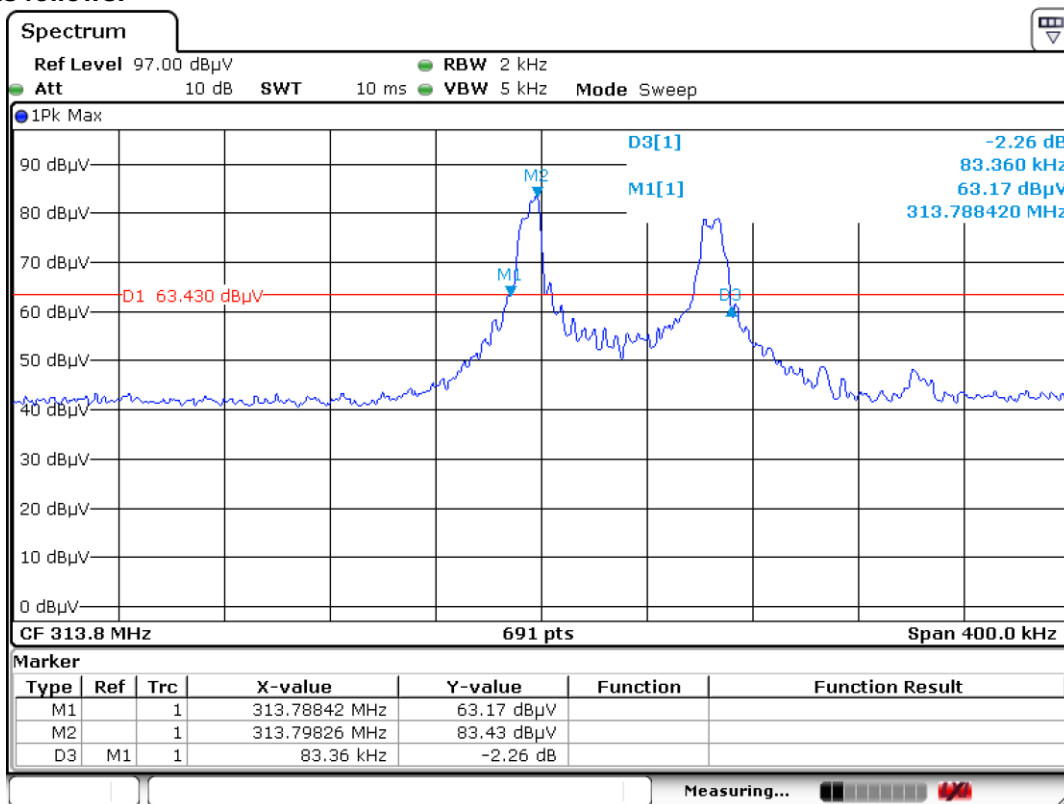
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## 2 20dB Bandwidth

### Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
313.80	83.36	784.50	Pass

### Test plot as follows:



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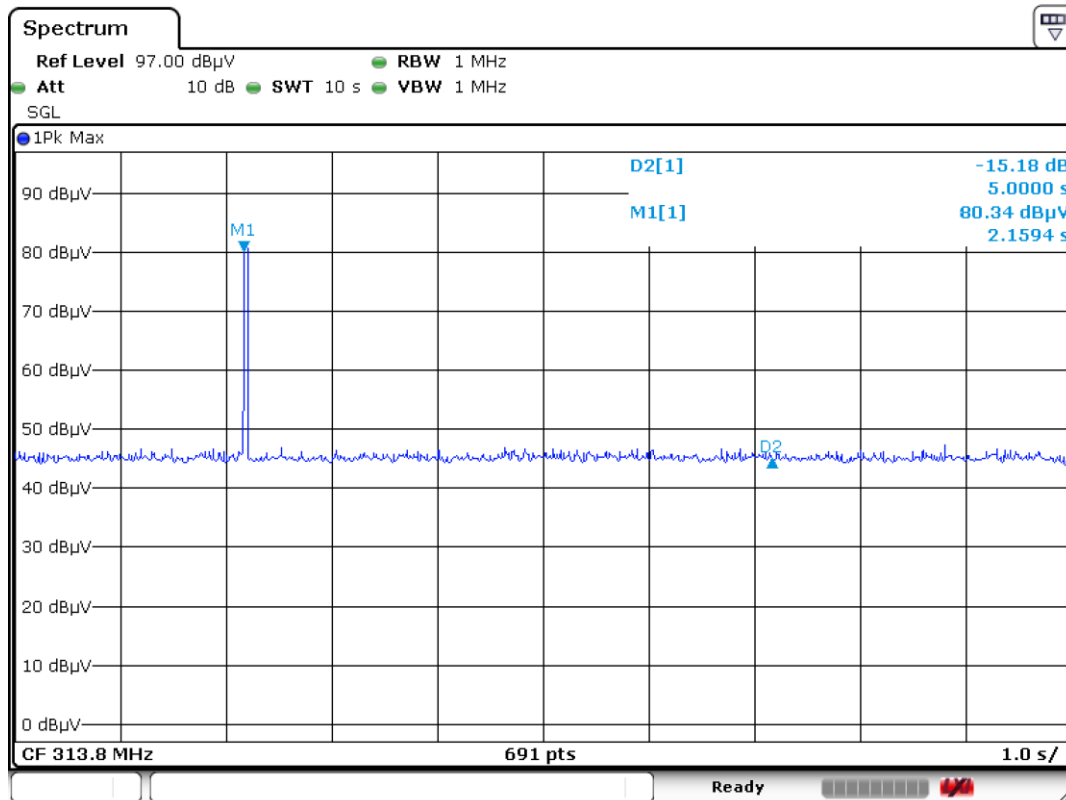
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## 3 Dwell Time

### Measurement Data:

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

Test plot as follows:



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