

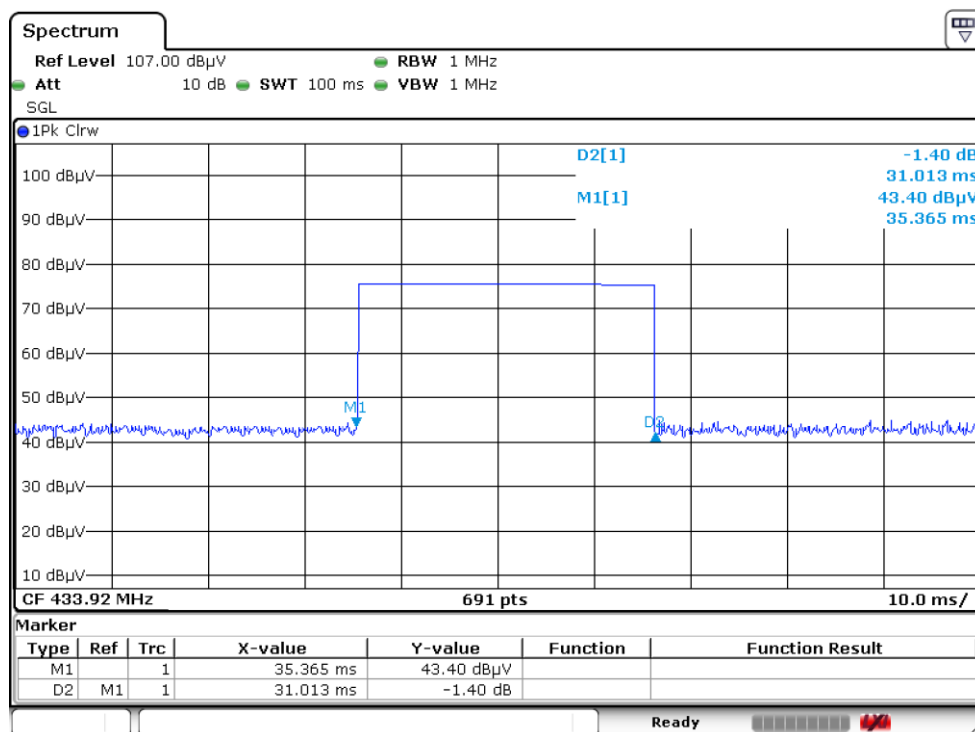
Appendix A for KSCR220500078801

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	433.92	75.87	100.83	-24.96	Peak	Vertical
		78.69	100.83	-22.14	Peak	Horizontal
		65.70	80.83	-15.13	AVG	Vertical
		68.52	80.83	-12.31	AVG	Horizontal

433.92MHz



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= $20\log(\text{Duty Cycle}) = -10.17\text{dB}$



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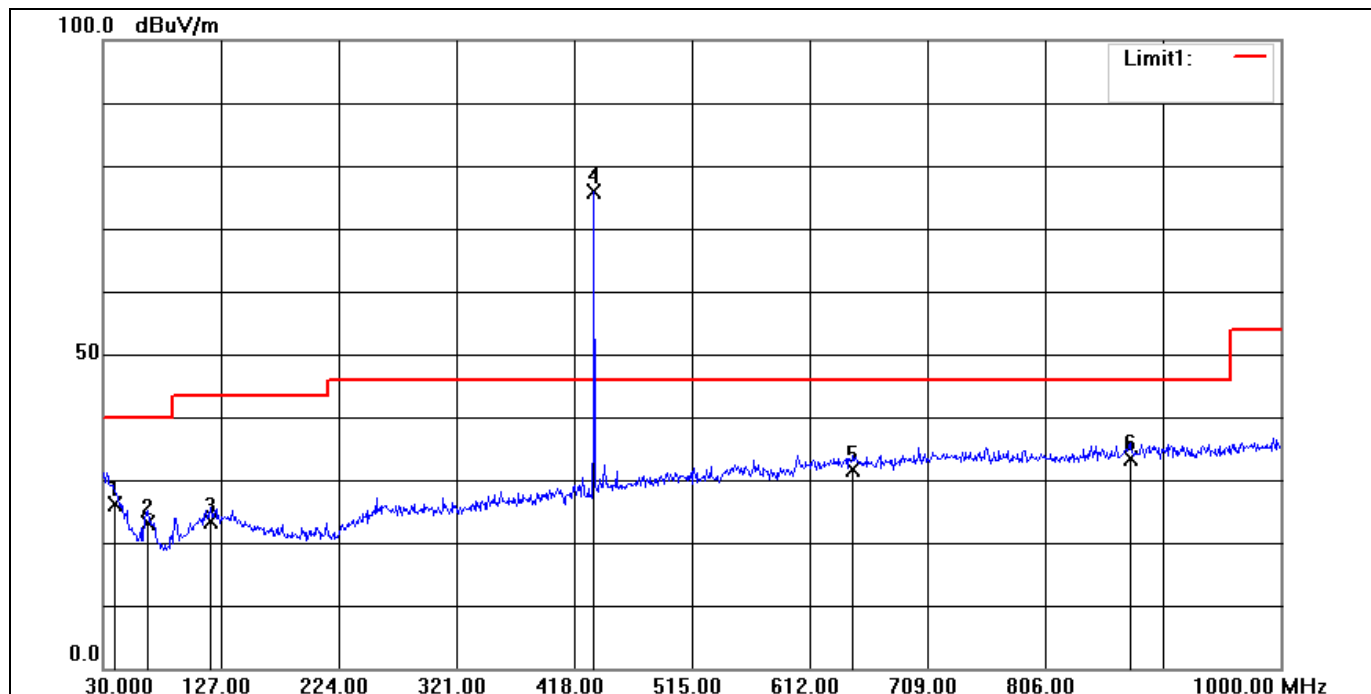
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1.2 Spurious Emissions

Below 1GHz

433.92MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.7000	3.75	22.41	26.16	40.00	-13.84	QP
2	66.8600	7.75	15.30	23.05	40.00	-16.95	QP
3	118.2700	4.20	19.29	23.49	43.50	-20.01	QP
4	434.4900	51.88	23.99	75.87	100.83	-24.96	peak
5	647.8900	3.82	27.76	31.58	46.00	-14.42	QP
6	875.8400	31.17	2.30	33.47	46.00	-12.53	QP



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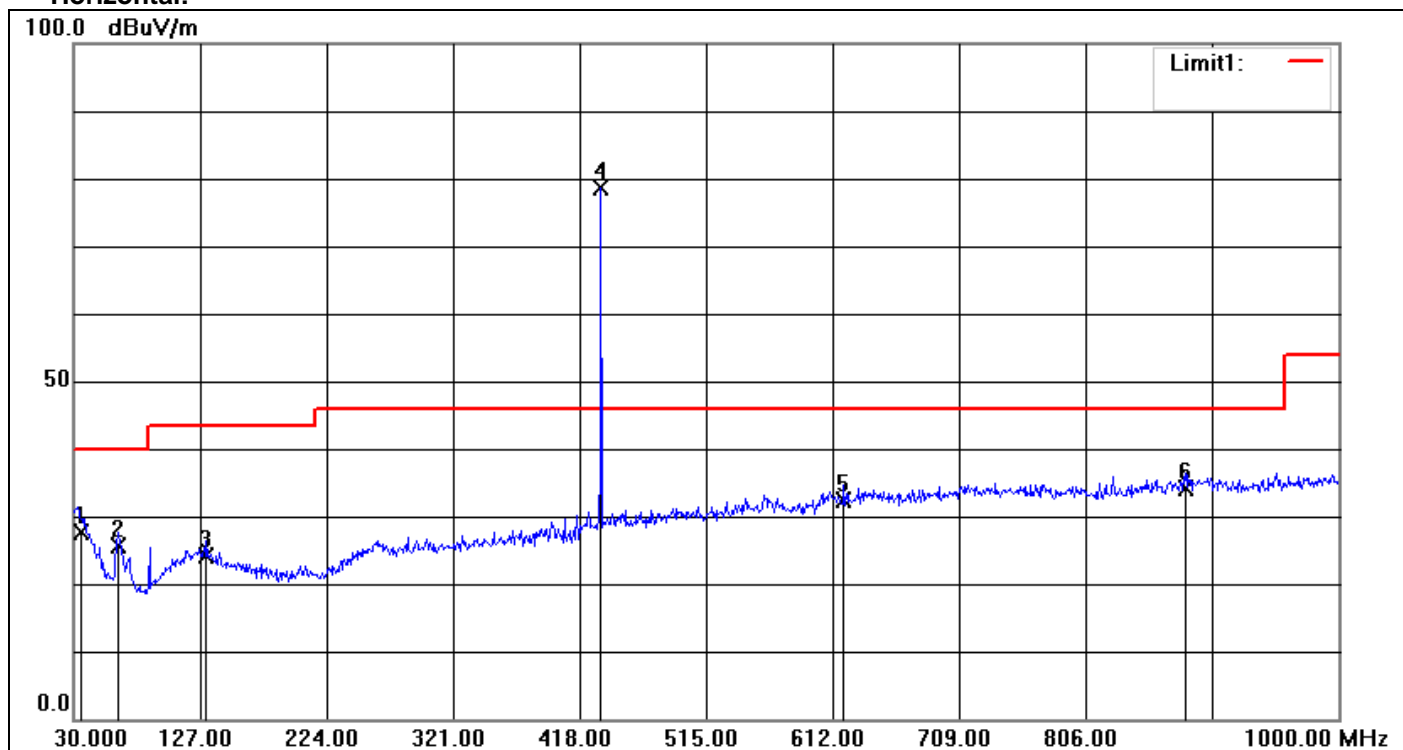
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Horizontal:

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	3.44	24.19	27.63	40.00	-12.37	QP
2	63.9500	10.76	14.78	25.54	40.00	-14.46	QP
3	131.8500	4.81	19.30	24.11	43.50	-19.39	QP
4	434.4900	54.70	23.99	78.69	100.83	-22.14	peak
5	620.7300	5.12	27.25	32.37	46.00	-13.63	QP
6	882.6300	31.81	2.34	34.15	46.00	-11.85	QP



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Above 1GHz

433.92MHz

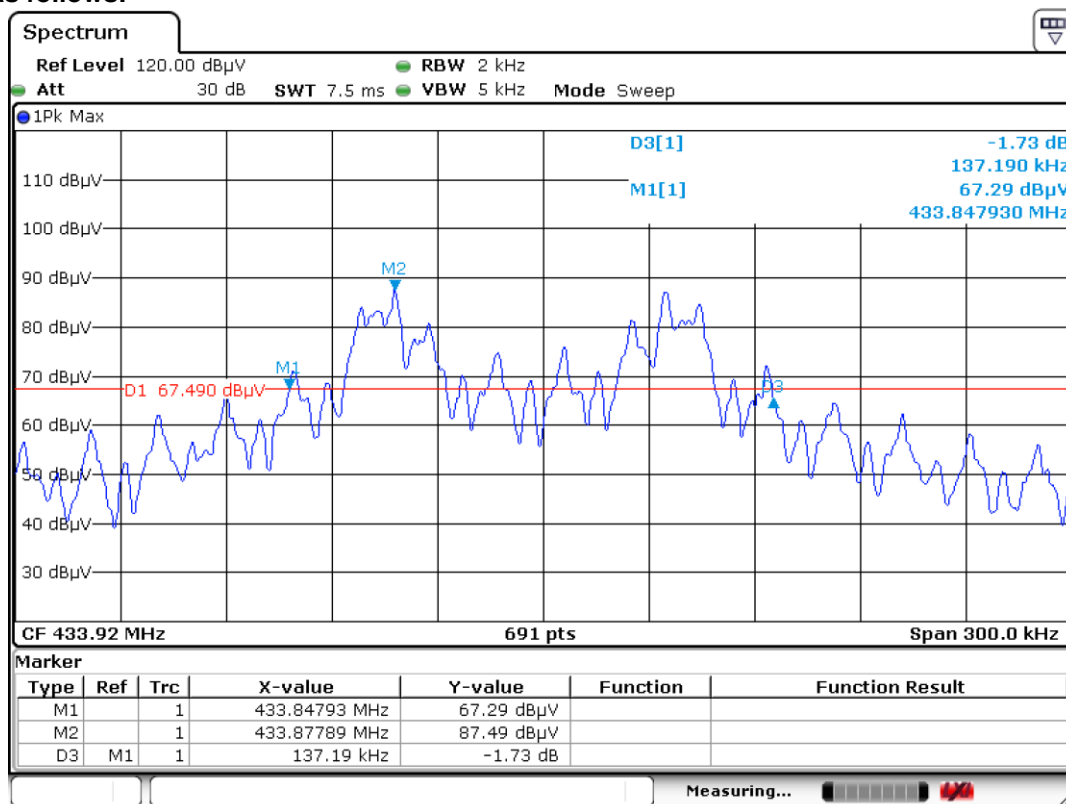
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2292.00	56.30	-14.92	41.38	54.00	-12.62	peak	Vertical
2	3520.00	56.80	-12.74	44.06	54.00	-9.94	peak	Vertical
3	4332.00	57.53	-10.90	46.63	54.00	-7.37	peak	Vertical
4	1860.00	55.21	-17.39	37.82	54.00	-16.18	peak	Horizontal
5	3468.00	57.72	-12.95	44.77	54.00	-9.23	peak	Horizontal
6	4012.00	58.72	-12.00	46.72	54.00	-7.28	peak	Horizontal

2 20dB Bandwidth

Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.92	137.19	1084.8	Pass

Test plot as follows:



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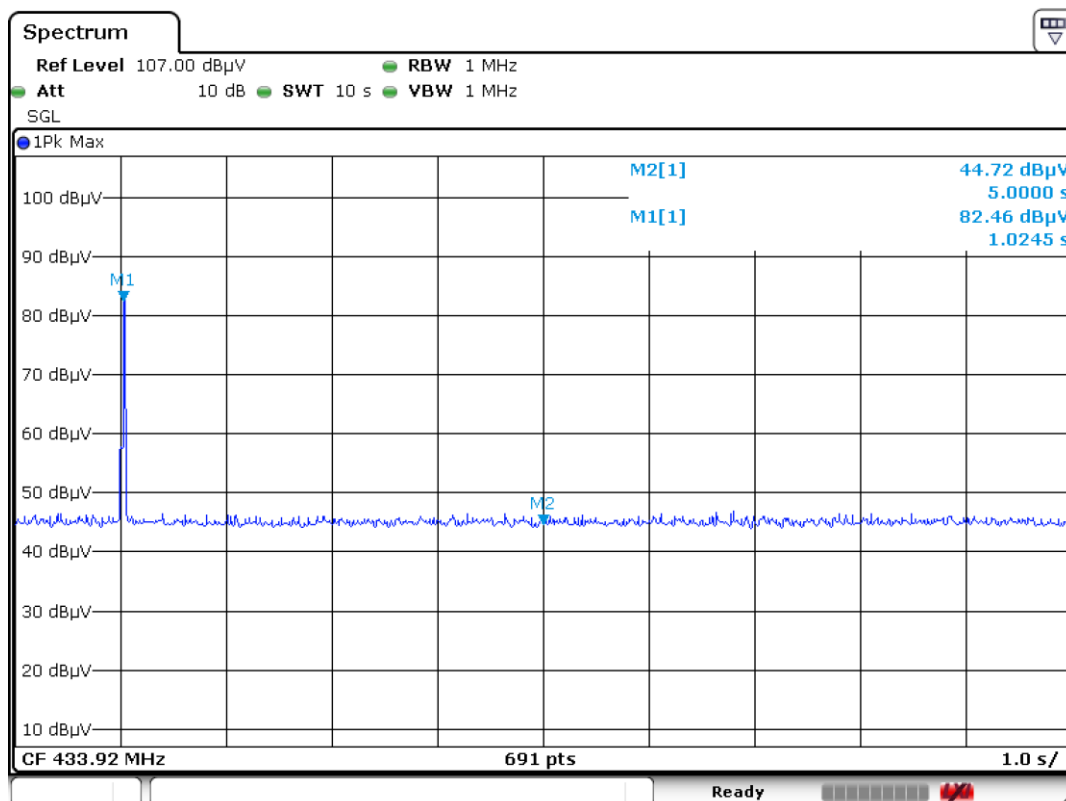
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3 Dwell Time

Measurement Data:

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

Test plot as follows:



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