

Appendix A for KSCR220600096201

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	433.40	71.61	100.81	-29.20	Peak	Vertical
		74.56	100.81	-26.25	Peak	Horizontal

Note: PK Field Strength is less than AV limit, so it is not necessary to test AV Field Strength.

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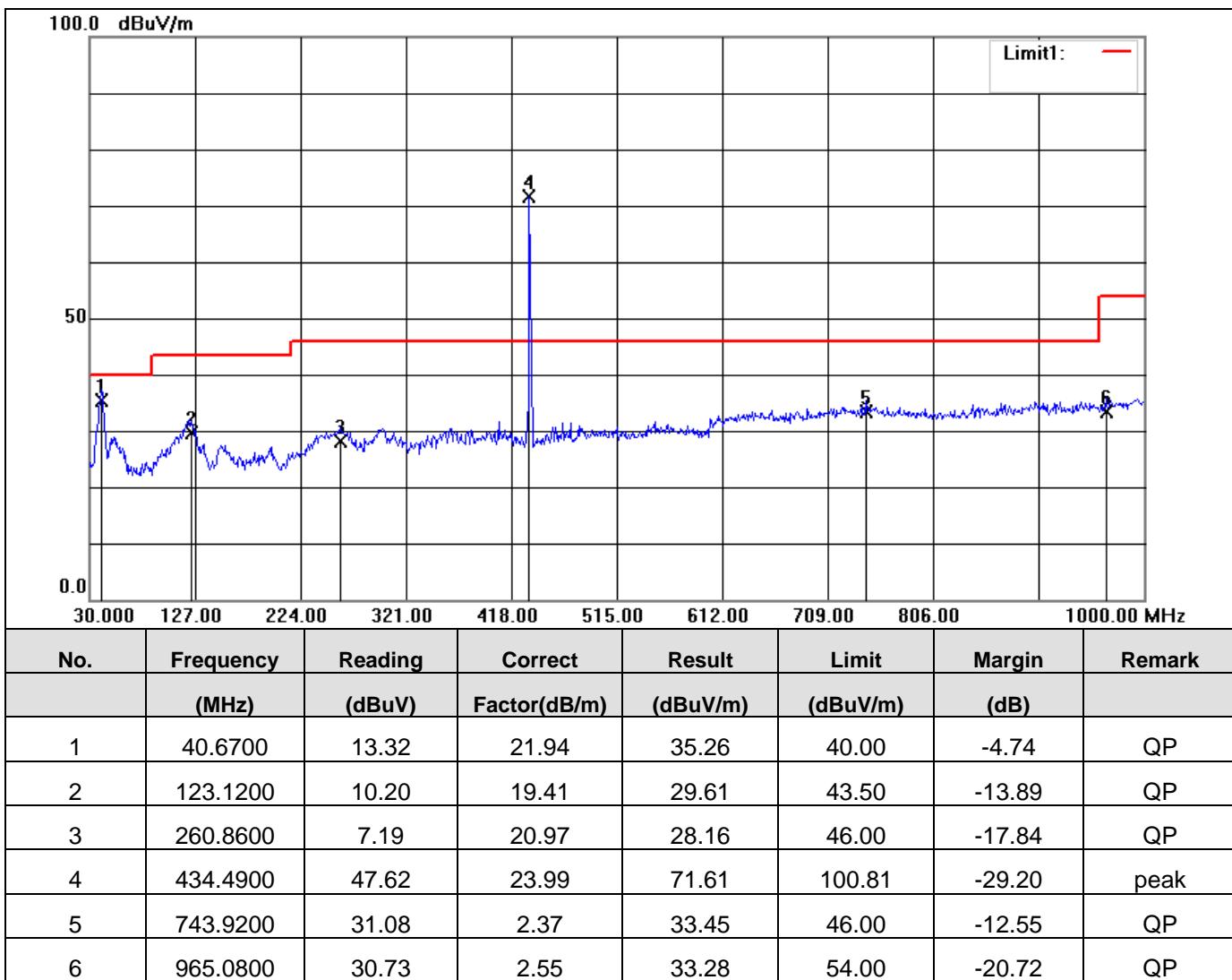
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1.2 Spurious Emissions

Below 1GHz

433.40MHz

Vertical:



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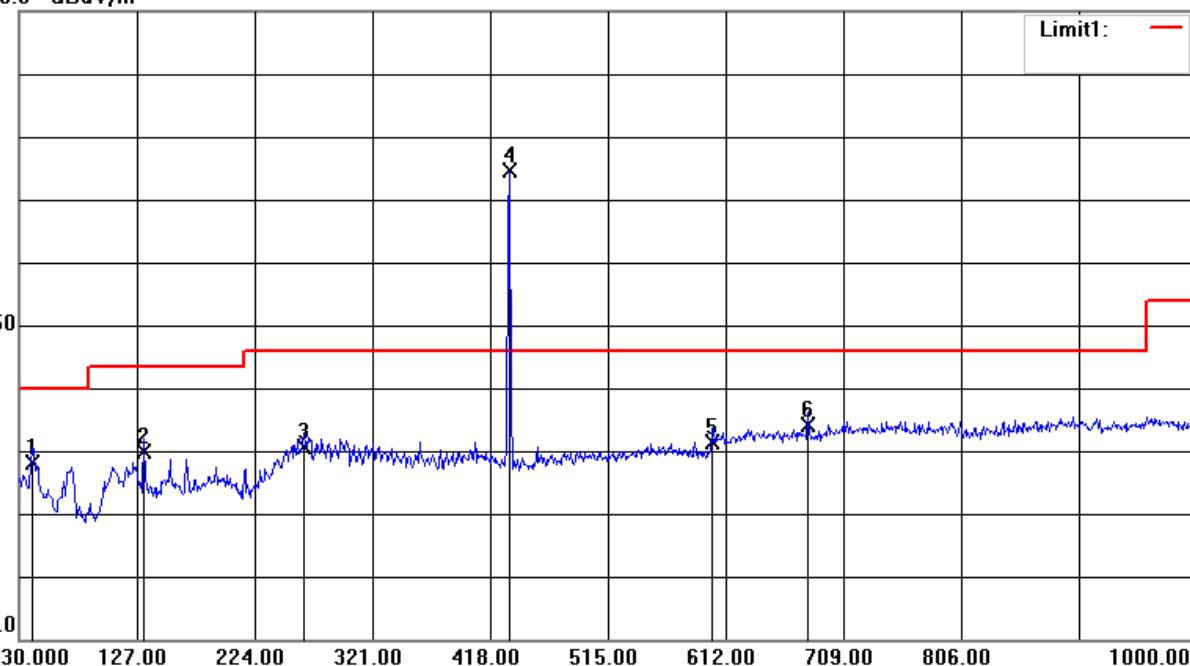
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Horizontal:

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.6700	6.22	21.94	28.16	40.00	-11.84	QP
2	132.8200	10.53	19.25	29.78	43.50	-13.72	QP
3	264.7400	9.58	20.98	30.56	46.00	-15.44	QP
4	433.5200	50.57	23.99	74.56	100.81	-26.25	peak
5	600.3600	4.36	27.06	31.42	46.00	-14.58	QP
6	679.9000	31.58	2.44	34.02	46.00	-11.98	QP

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Above 1GHz

433.40MHz

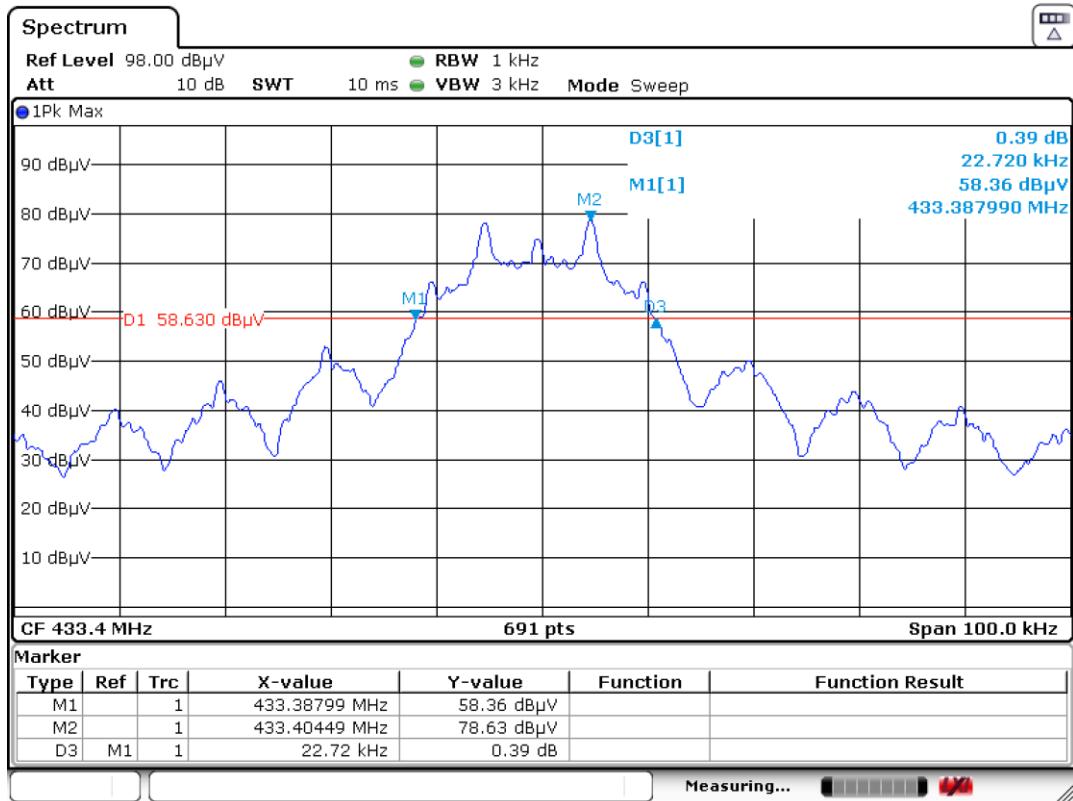
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1300.200	57.15	-19.64	37.51	54.00	-16.49	peak	Vertical
2	1733.600	59.18	-19.39	39.79	54.00	-14.21	peak	Vertical
3	2167.000	56.19	-15.14	41.05	54.00	-12.95	peak	Vertical
4	1300.200	56.99	-19.64	37.35	54.00	-16.65	peak	Horizontal
5	1733.600	59.03	-19.39	39.64	54.00	-14.36	peak	Horizontal
6	2167.000	57.37	-15.14	42.23	54.00	-11.77	peak	Horizontal

20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.40	22.72	1083.5	Pass

Test plot as follows:



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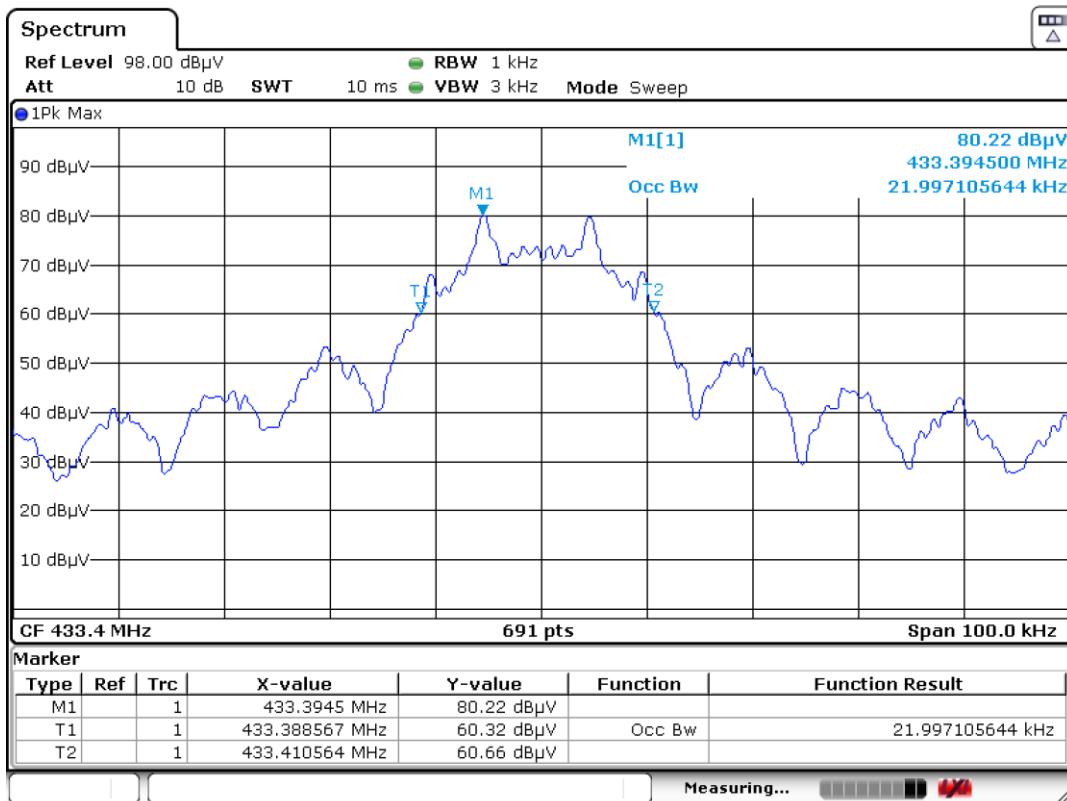
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99% Bandwidth

Measurement Data:

99% bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit(MHz)	Result
21.9971	433.3886	433.4106	260-470	Pass

Test plot as follows:



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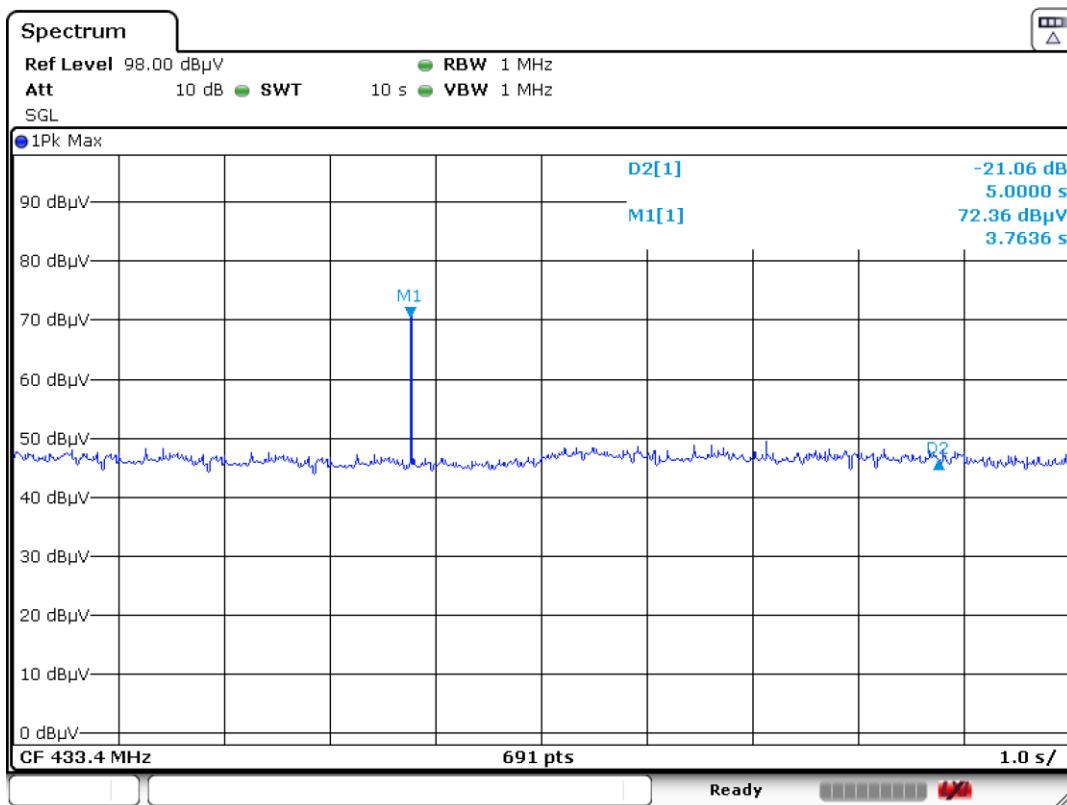
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2 Dwell Time

Measurement Data:

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

Test plot as follows:



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