

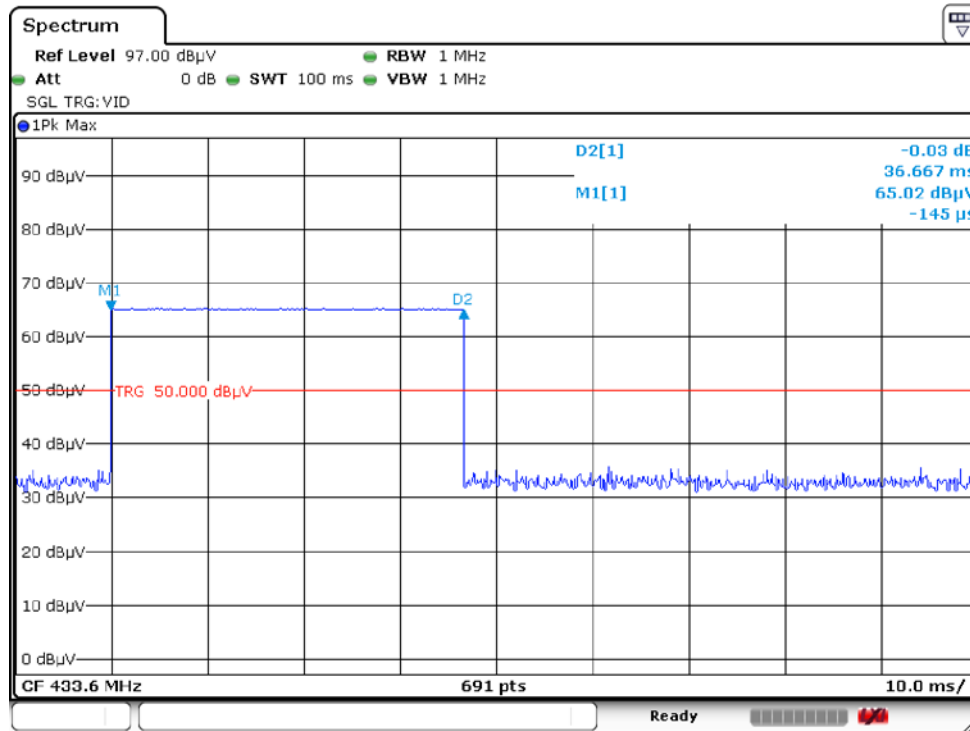
Appendix A for KSCR220500075001

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	433.60	87.95	100.82	-12.87	Peak	Vertical
		78.34	100.82	-22.48	Peak	Horizontal
		79.24	80.82	-1.58	AVG	Vertical
		69.63	80.82	-11.19	AVG	Horizontal

433.60MHz



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)= -8.71dB



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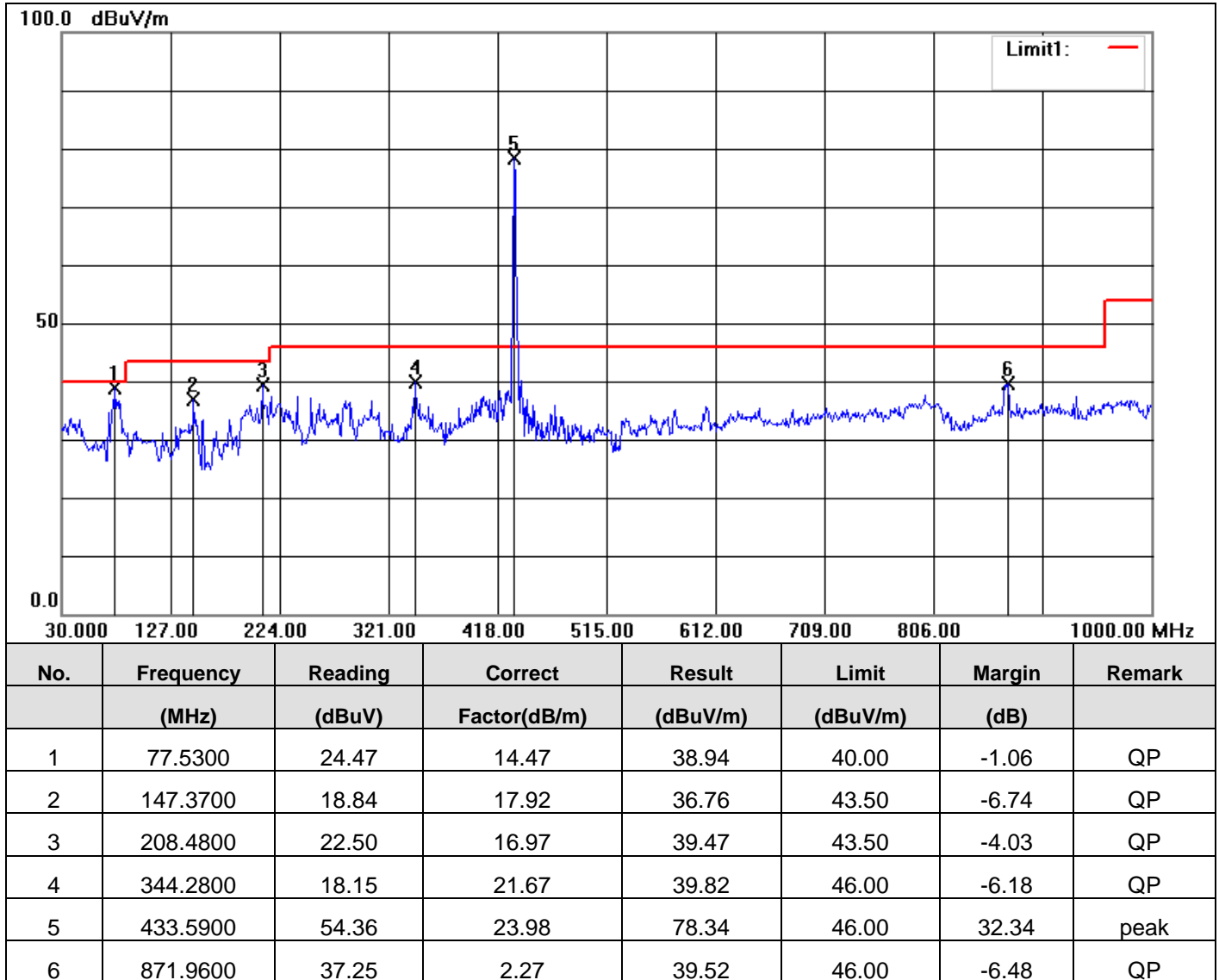
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1.2 Spurious Emissions

Below 1GHz

433.60MHz

Horizontal:

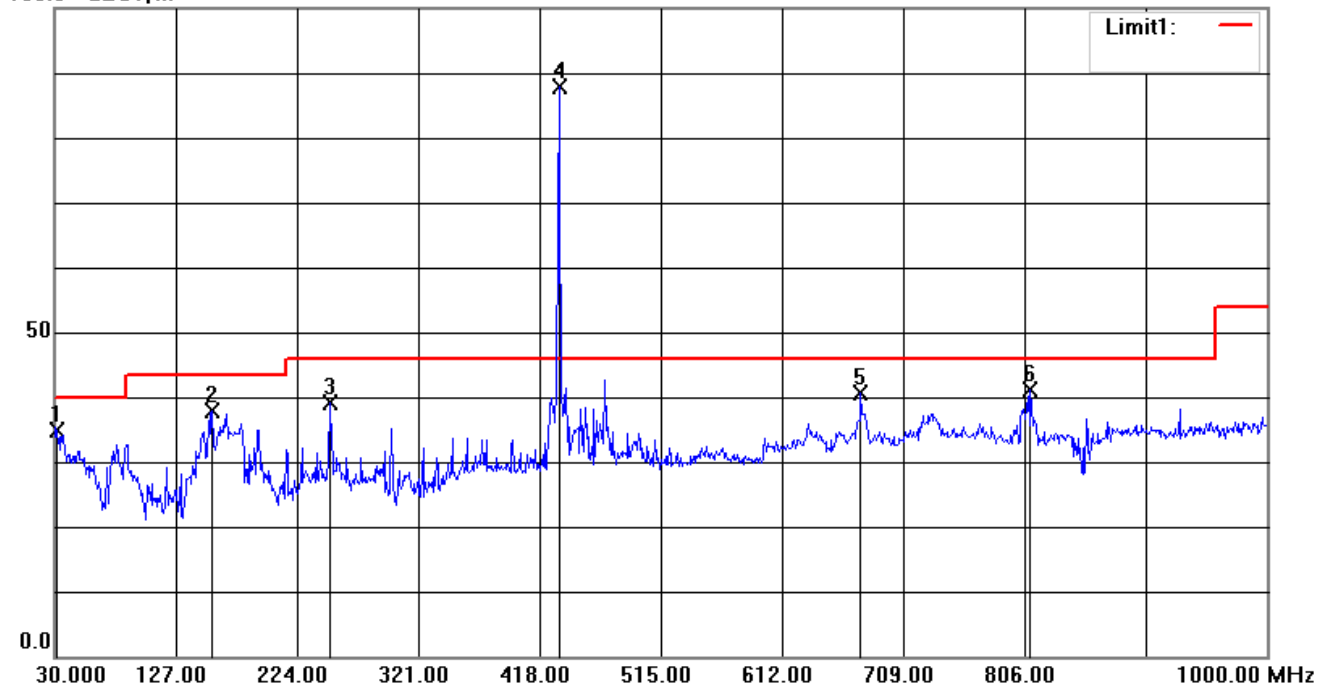


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Vertical:

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	9.81	25.16	34.97	40.00	-5.03	QP
2	156.1000	20.24	17.61	37.85	43.50	-5.65	QP
3	250.1900	19.27	19.78	39.05	46.00	-6.95	QP
4	433.5800	63.96	23.99	87.95	46.00	41.95	peak
5	675.0500	38.29	2.43	40.72	46.00	-5.28	QP
6	810.8500	38.99	2.22	41.21	46.00	-4.79	QP



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Above 1GHz

433.60MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1300.800	54.48	-19.95	34.53	54.00	-19.47	peak	Vertical
2	1734.400	55.00	-19.45	35.55	54.00	-18.45	peak	Vertical
3	2168.000	52.96	-14.64	38.32	54.00	-15.68	peak	Vertical
4	1300.800	57.99	-19.95	38.04	54.00	-15.96	peak	Horizontal
5	1734.400	57.40	-19.45	37.95	54.00	-16.05	peak	Horizontal
6	2168.000	53.99	-14.64	39.35	54.00	-14.65	peak	Horizontal



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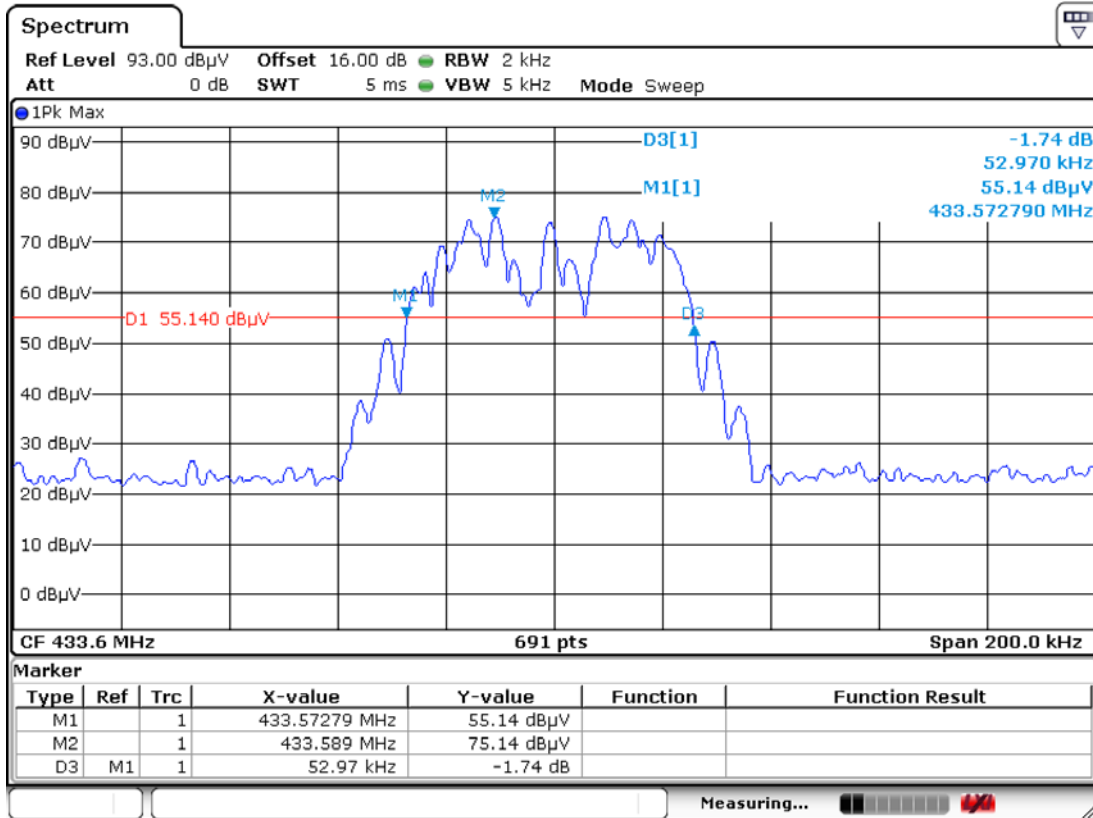
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20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.60	52.97	1084	Pass

Test plot as follows:



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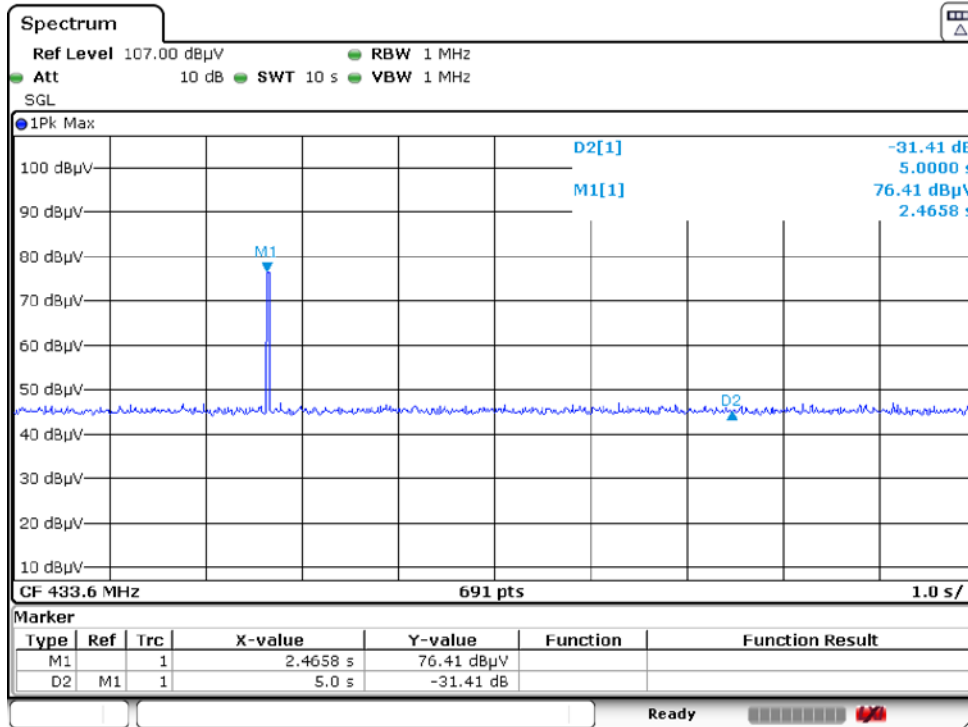
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2 Dwell Time

Measurement Data:

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

Test plot as follows:



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