

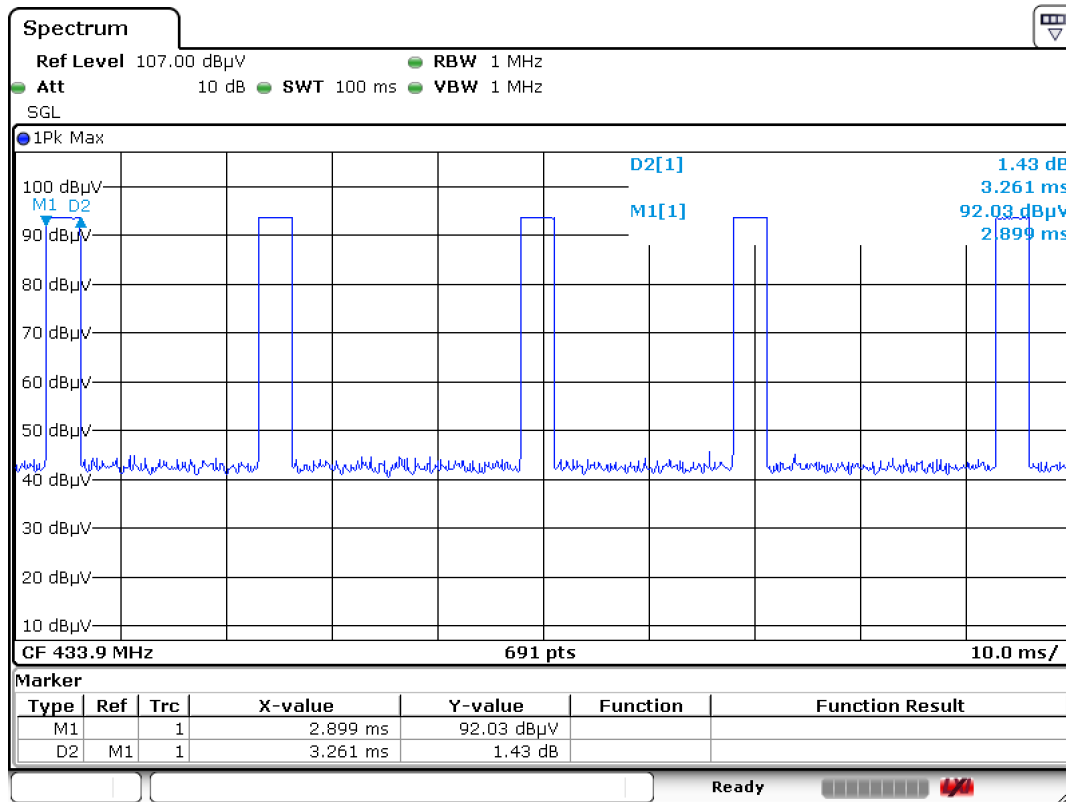
Appendix A for KSCR220700110301

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	433.90	88.17	100.82	-12.65	Peak	Vertical
		95.38	100.82	-5.44	Peak	Horizontal
		72.42	80.82	-8.40	AVG	Vertical
		79.63	80.82	-1.19	AVG	Horizontal

433.90MHz



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)=-15.75dB

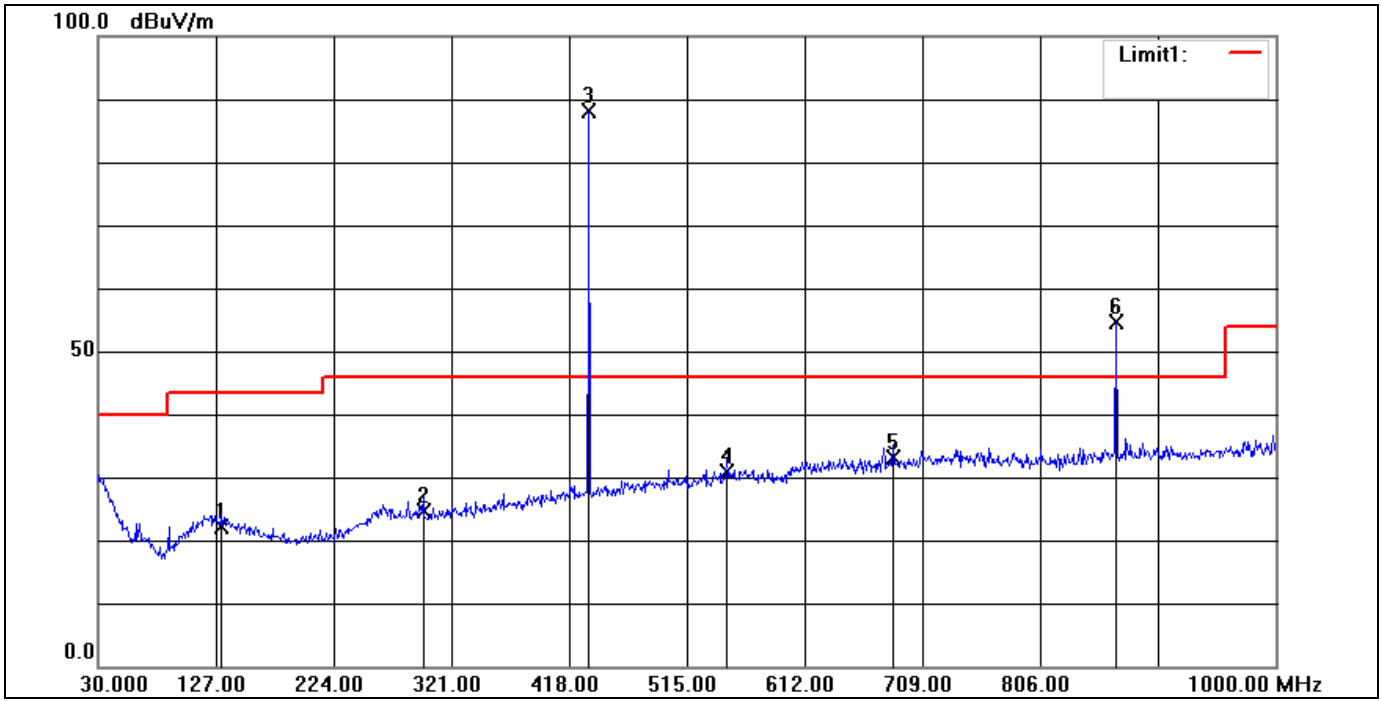


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Below 1GHz

433.90MHz

Vertical:



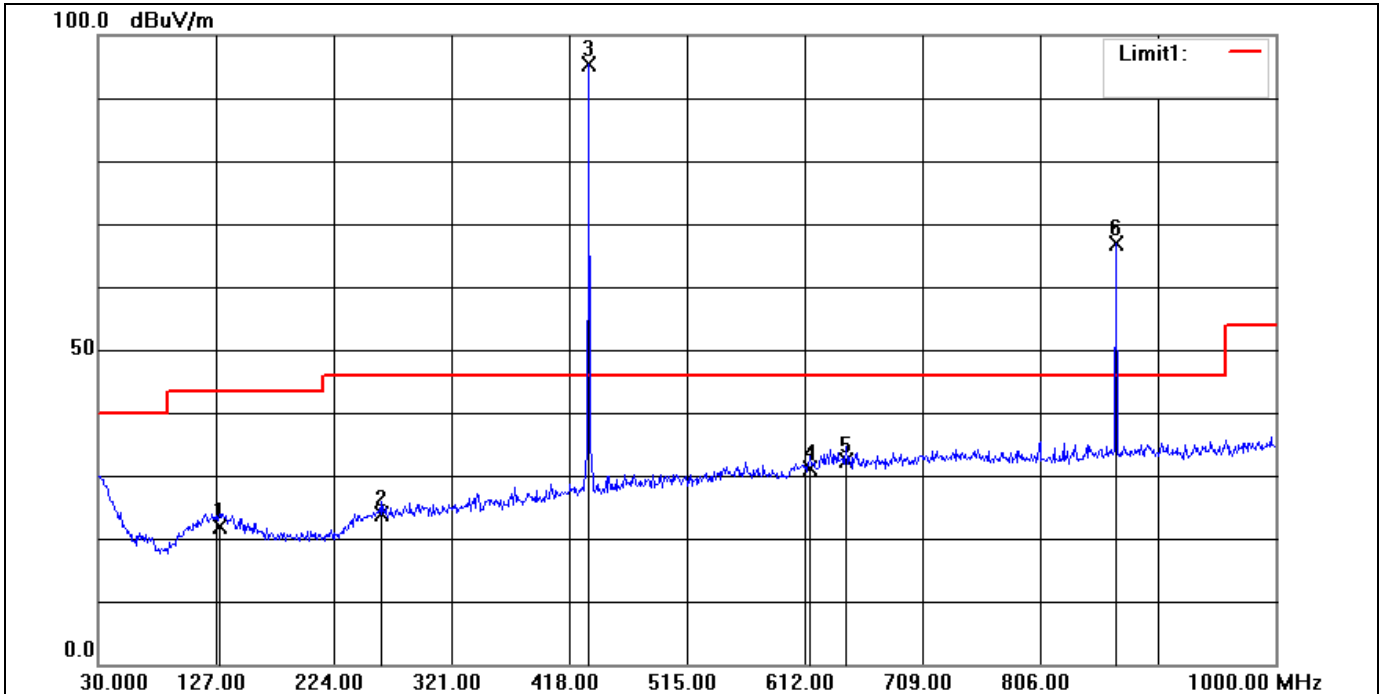
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	131.8500	2.71	19.30	22.01	43.50	-21.49	QP
2	297.7200	3.99	20.68	24.67	46.00	-21.33	QP
3	434.4900	64.18	23.99	88.17	100.82	-12.65	peak
4	547.9800	3.65	27.20	30.85	46.00	-15.15	QP
5	684.7500	30.61	2.45	33.06	46.00	-12.94	QP
6	869.0500	52.39	2.25	54.64	80.82	-26.18	peak



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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	129.9100	2.48	19.38	21.86	43.50	-21.64	QP
2	263.7700	2.77	21.02	23.79	46.00	-22.21	QP
3	434.4900	71.39	23.99	95.38	100.82	-5.44	peak
4	616.8500	3.87	27.15	31.02	46.00	-14.98	QP
5	645.9500	4.68	27.79	32.47	46.00	-13.53	QP
6	868.0800	64.74	2.25	66.99	80.82	-13.83	peak

Remark:

If the Peak value below the AV Limit, the AV test doesn't perform for this submission.

Average level=Peak level-Duty Cycle Factor

Duty Cycle Factor= 20log(Duty Cycle)= -15.75dB

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
868.0800	51.24	60.82	-9.58	AV



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Above 1GHz

433.90MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1301.700	54.04	-19.95	34.09	54.00	-59.91	peak	Vertical
2	1735.600	55.00	-19.46	35.54	54.00	-58.46	peak	Vertical
3	2169.500	54.83	-14.64	40.19	54.00	-53.81	peak	Vertical
4	1301.700	53.85	-19.95	33.90	54.00	-60.10	peak	Horizontal
5	1735.600	55.72	-19.46	36.26	54.00	-57.74	peak	Horizontal
6	2169.500	53.60	-14.64	38.96	54.00	-55.04	peak	Horizontal



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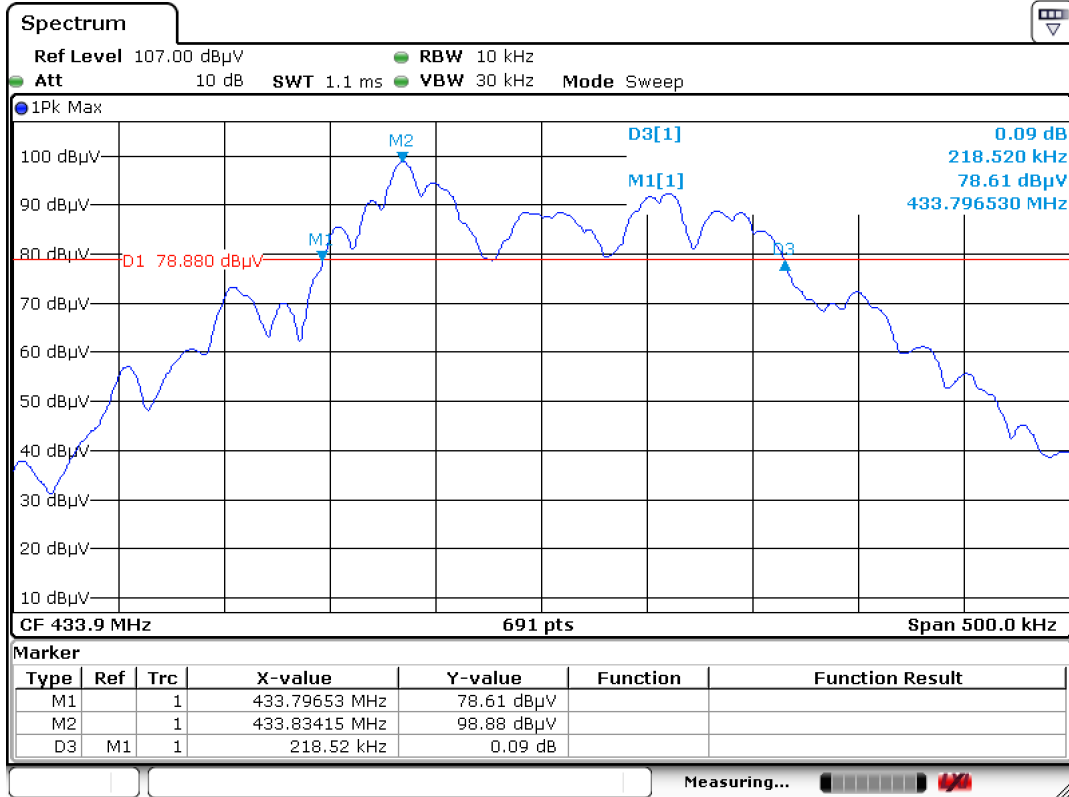
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2 20dB Bandwidth

Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.90	218.52	1084.75	Pass

Test plot as follows:



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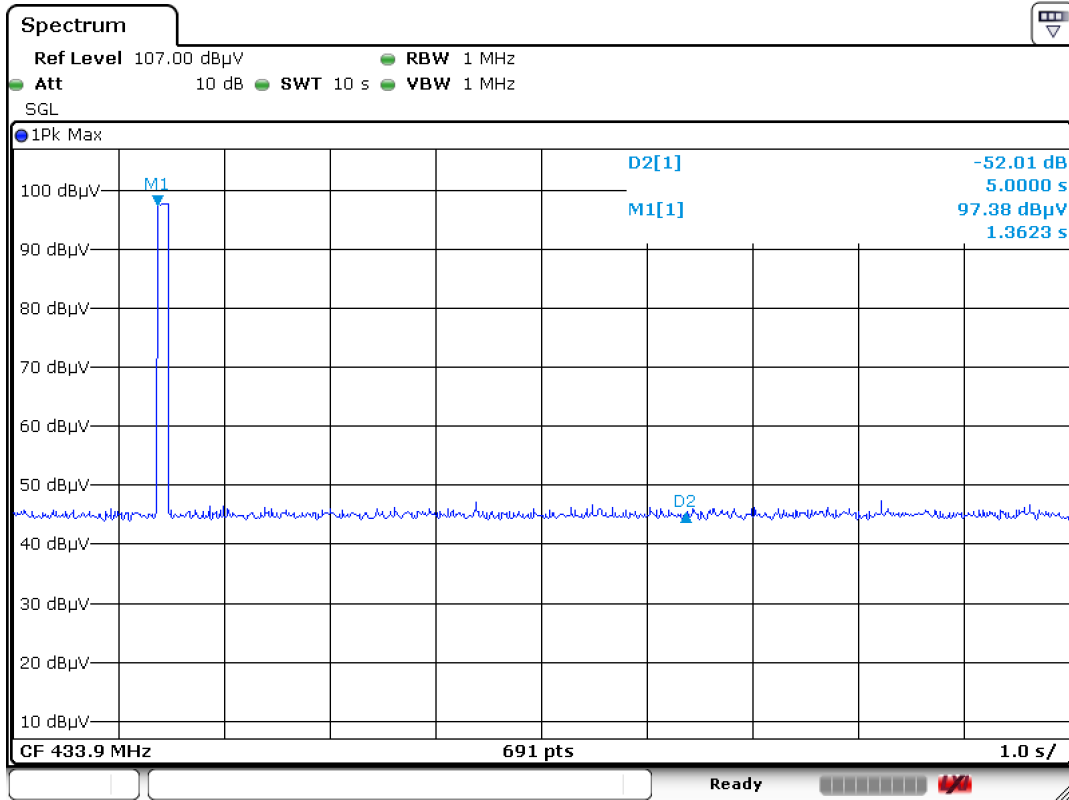
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3 Dwell Time

Measurement Data:

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

Test plot as follows:



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