

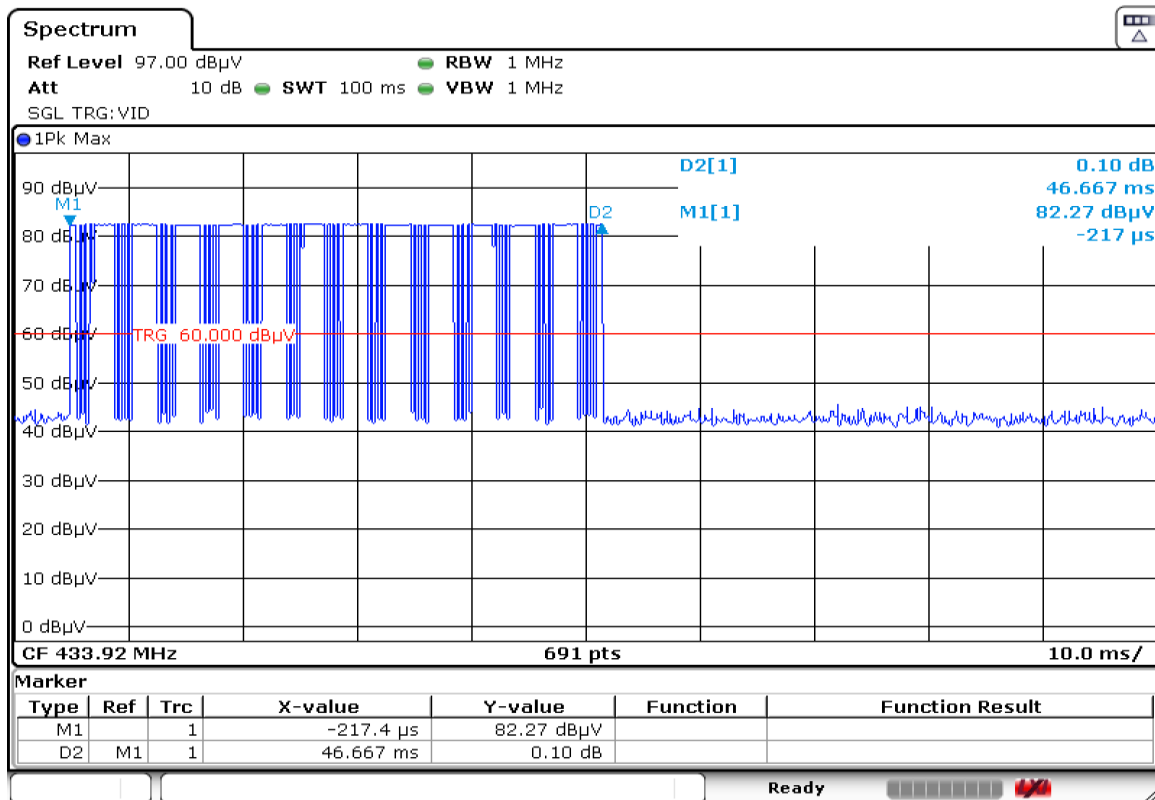
Appendix for KSCR221100219701

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	433.92	54.95	100.83	-45.88	Peak	Vertical
		78.06	100.83	-22.77	Peak	Horizontal
		42.68	80.83	-38.00	AVG	Vertical
		65.79	80.83	-15.04	AVG	Horizontal

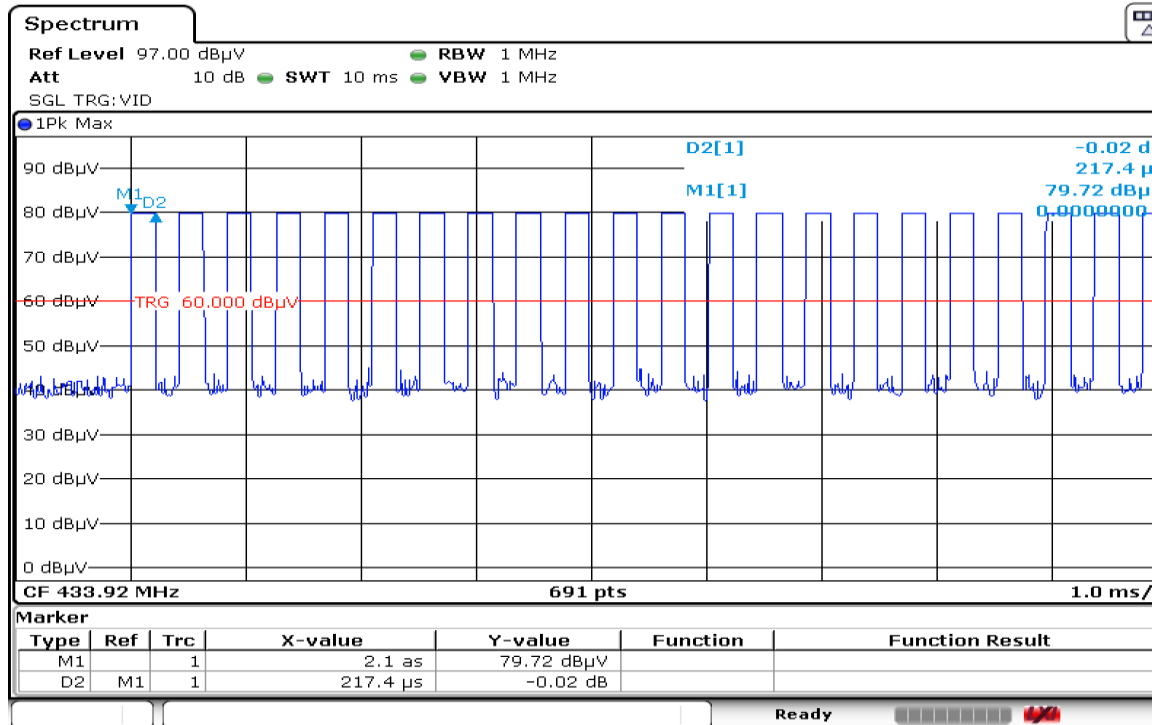
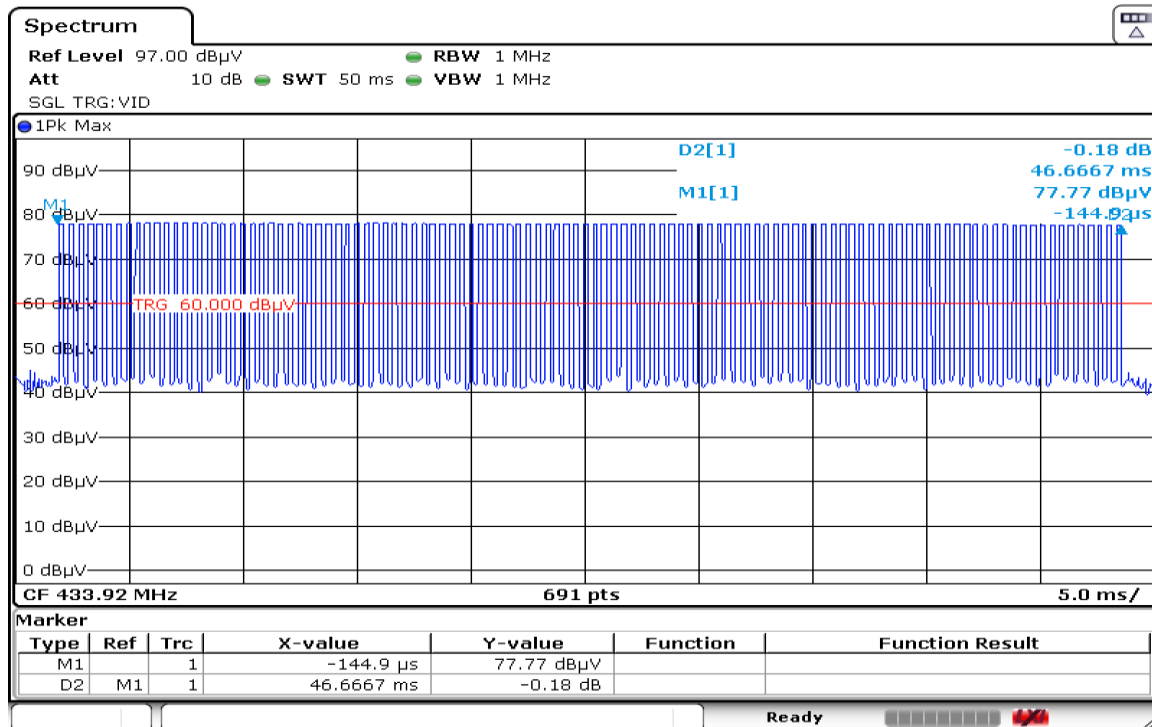
433.92MHz



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Remark:

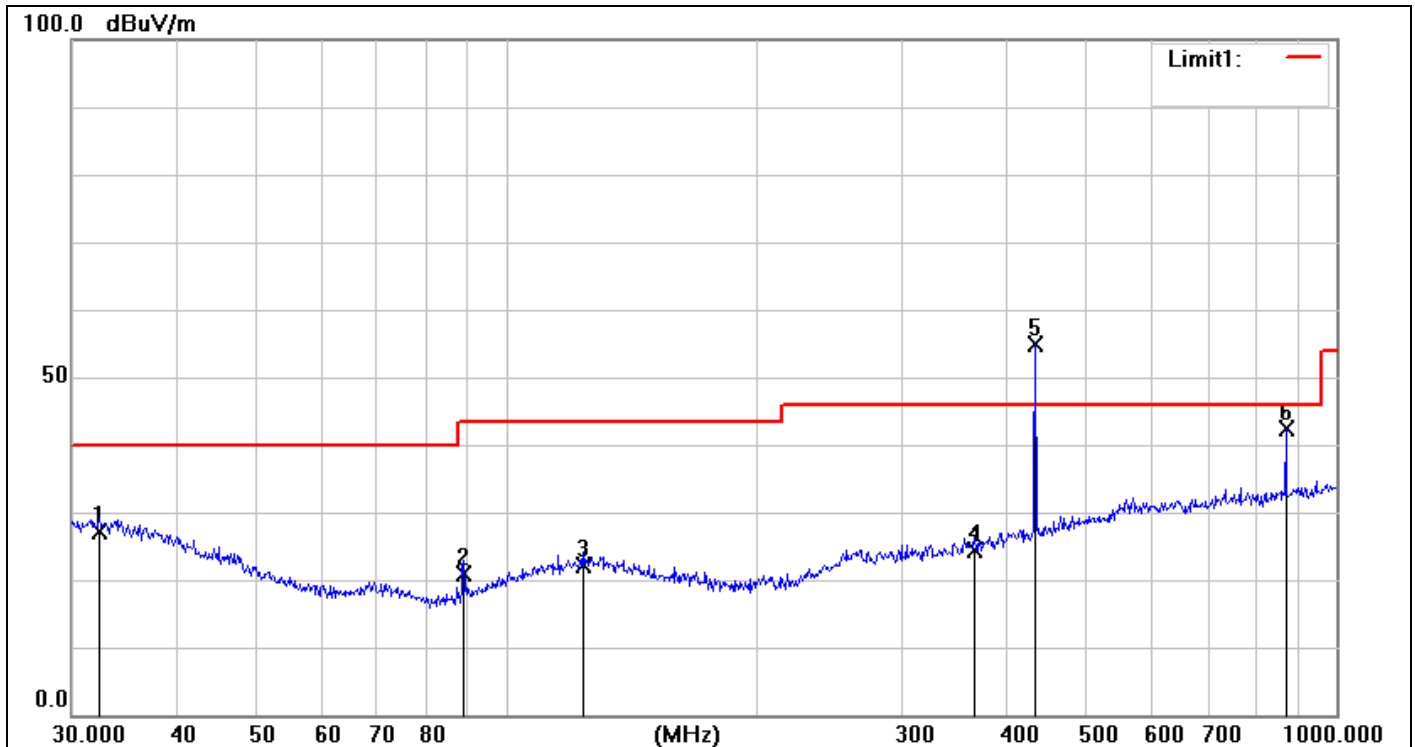
1. If the Peak value below the AV Limit, the AV test doesn't perform for this submission.
2. Average level=Peak level-Duty Cycle Factor
3. Duty Cycle Factor= 20log(Duty Cycle)= 12.27dB

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	32.4060	2.12	25.11	27.23	40.00	-12.77	QP
2	88.9637	6.14	14.64	20.78	43.50	-22.72	QP
3	123.6984	2.59	19.43	22.02	43.50	-21.48	QP
4	366.8231	2.03	22.23	24.26	46.00	-21.74	QP
5	433.9200	30.96	23.99	54.95	100.83	-45.88	peak
6	869.1302	13.32	29.11	42.43	80.83	-38.40	peak



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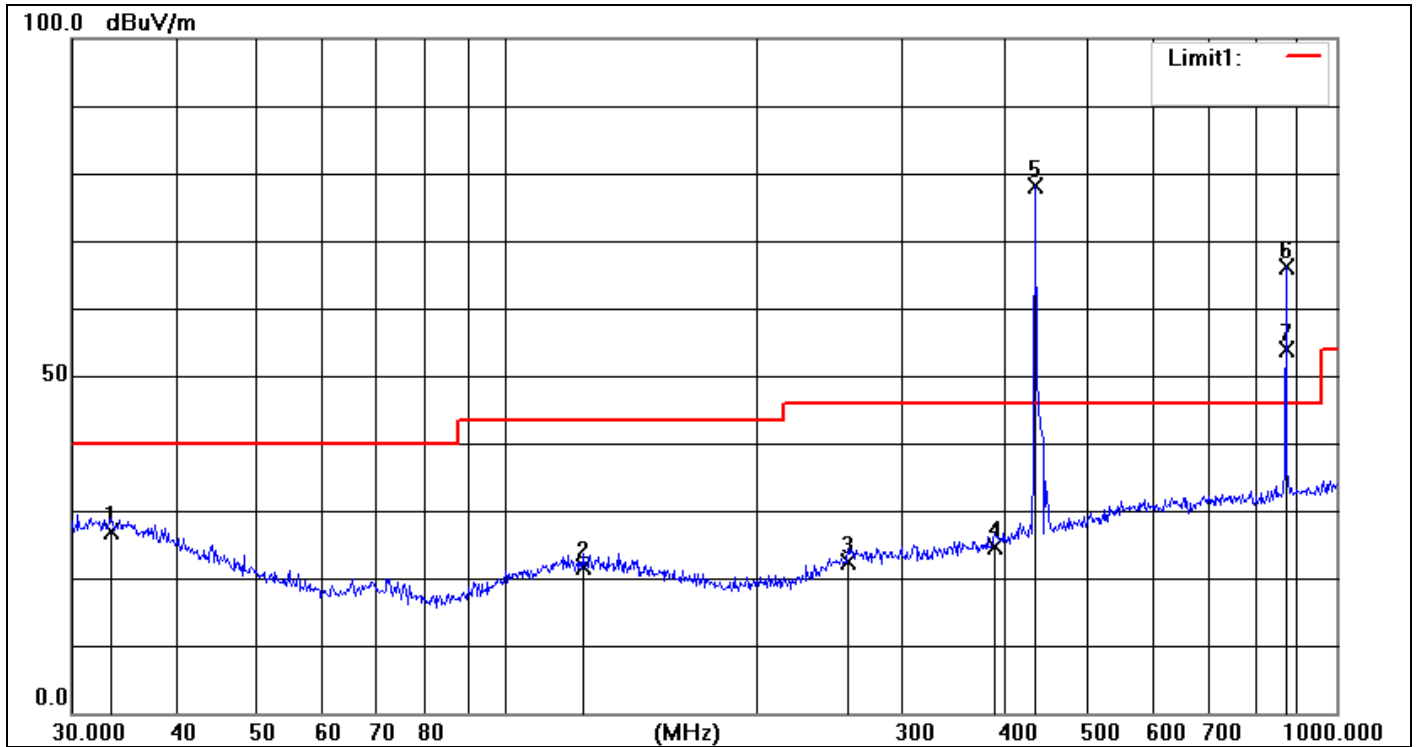
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.4450	2.01	24.98	26.99	40.00	-13.01	QP
2	123.6985	2.30	19.43	21.73	43.50	-21.77	QP
3	258.3264	1.80	20.67	22.47	46.00	-23.53	QP
4	387.9920	1.89	22.78	24.67	46.00	-21.33	QP
5	433.9200	54.07	23.99	78.06	100.83	-22.77	peak
6	869.1302	36.92	29.11	66.03	80.83	-14.80	peak
7	869.1302	24.65	29.11	53.76	60.83	-7.07	Average



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Above 1GHz

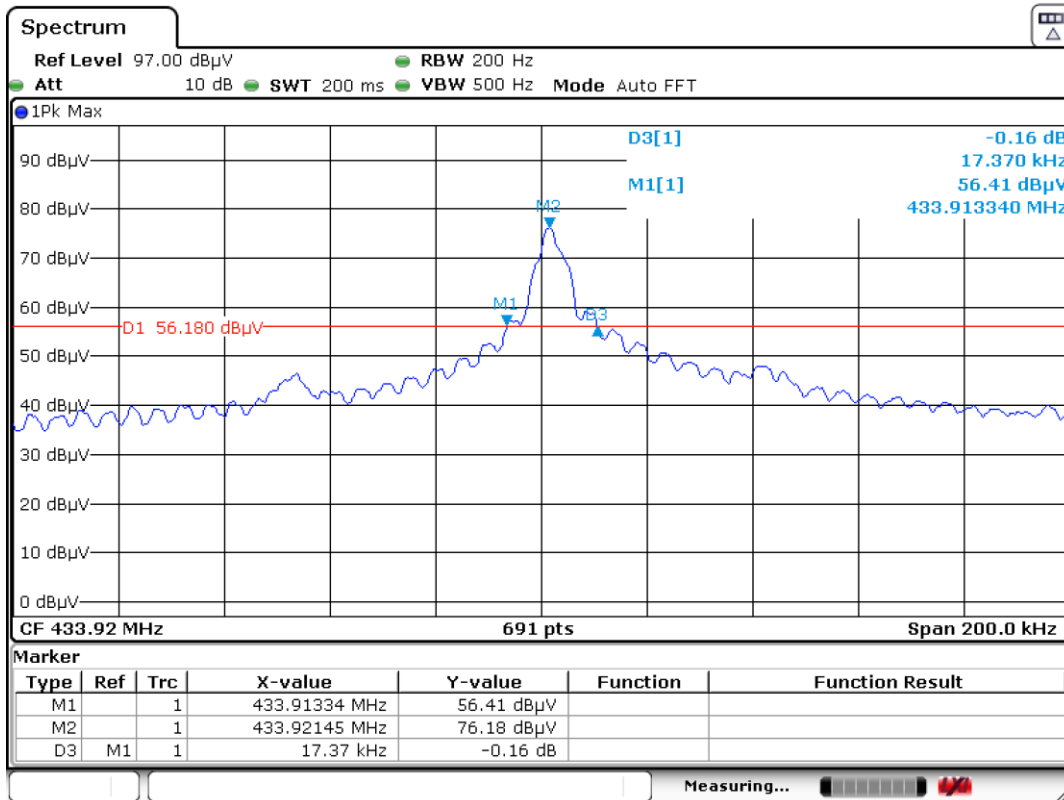
433.92MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	2170.000	90.82	-19.14	71.68	80.83	-9.15	peak	Vertical
1	2170.000	90.82	-19.14	59.41	60.83	-1.42	Average	Vertical
3	3035.000	72.37	-16.42	55.95	60.83	-4.88	peak	Vertical
4	3470.000	74.40	-15.47	58.93	60.83	-1.9	peak	Vertical
1	2170.000	85.28	-19.14	66.14	80.83	-14.69	peak	Horizontal
2	2170.000	85.28	-19.14	53.87	60.83	-6.96	Average	Horizontal
3	2605.000	66.31	-18.00	48.31	60.83	-12.52	peak	Horizontal
4	3470.000	67.08	-15.47	51.61	60.83	-9.22	peak	Horizontal

20dB Bandwidth Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.92	17.37	1084.8	Pass

Test plot as follows:



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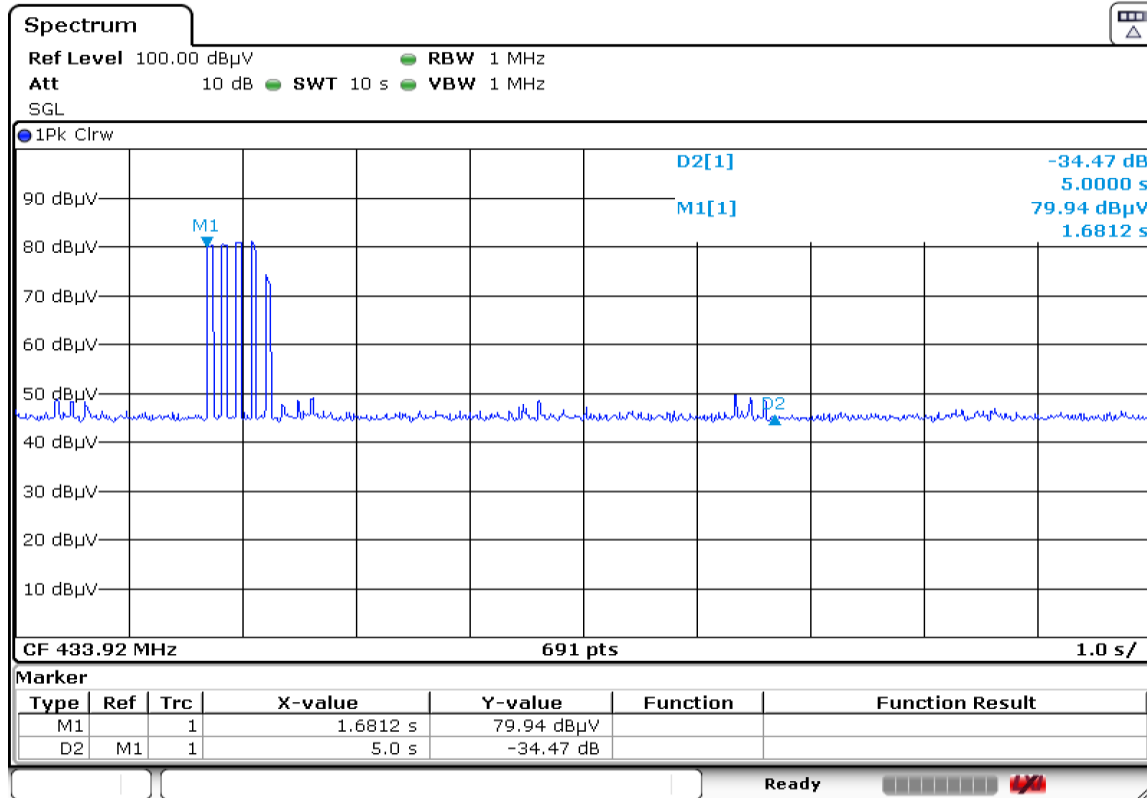
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2 Dwell Time

Measurement Data:

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

Test plot as follows:



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