

Appendix B for KSCR220300037802AT- RX module Antenna 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	434.60	70.03	100.83	-30.80	Peak	Vertical
		70.36	100.83	-30.47	Peak	Horizontal

Remark:

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



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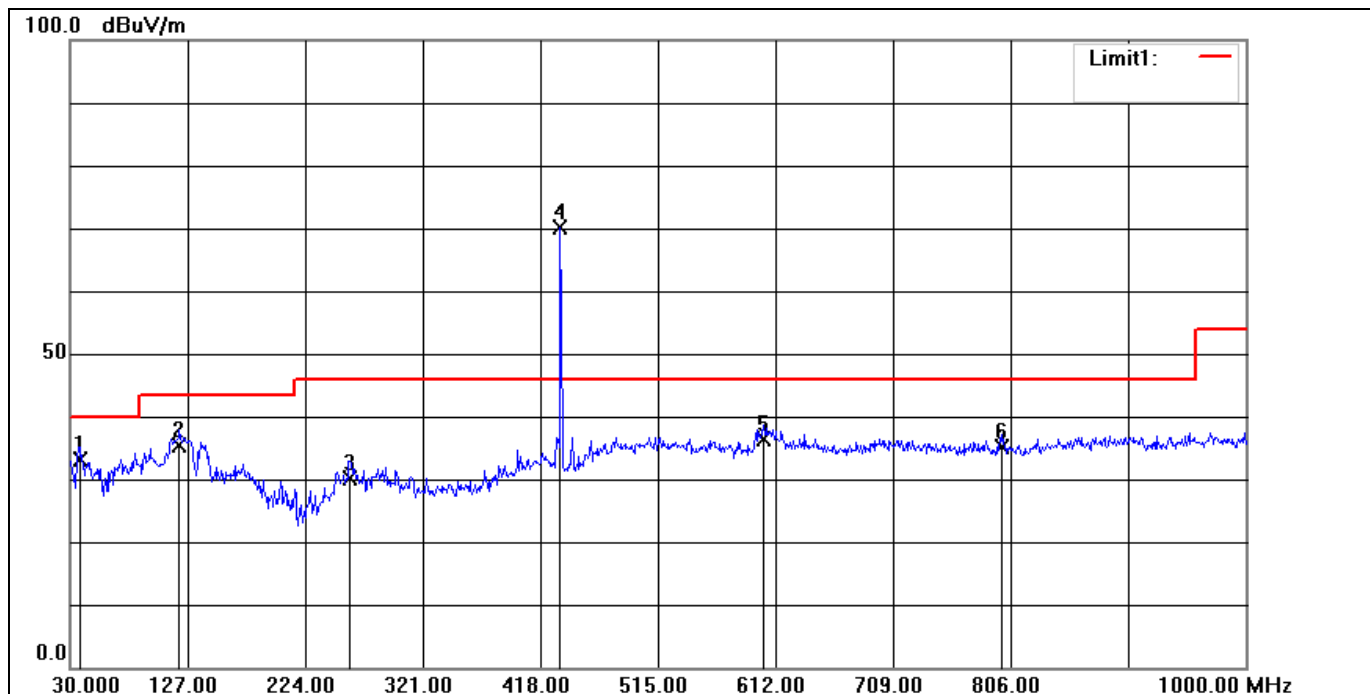
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2. Spurious Emissions(30M-1GHz)

434.60MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	38.7300	10.36	22.80	33.16	40.00	-6.84	QP
2	120.2100	15.92	19.37	35.29	43.50	-8.21	QP
3	260.8600	9.19	20.97	30.16	46.00	-15.84	QP
4	434.6000	46.04	23.99	70.03	100.83	-30.80	peak
5	602.3000	9.33	27.11	36.44	46.00	-9.56	QP
6	799.2100	32.76	2.25	35.01	46.00	-10.99	QP



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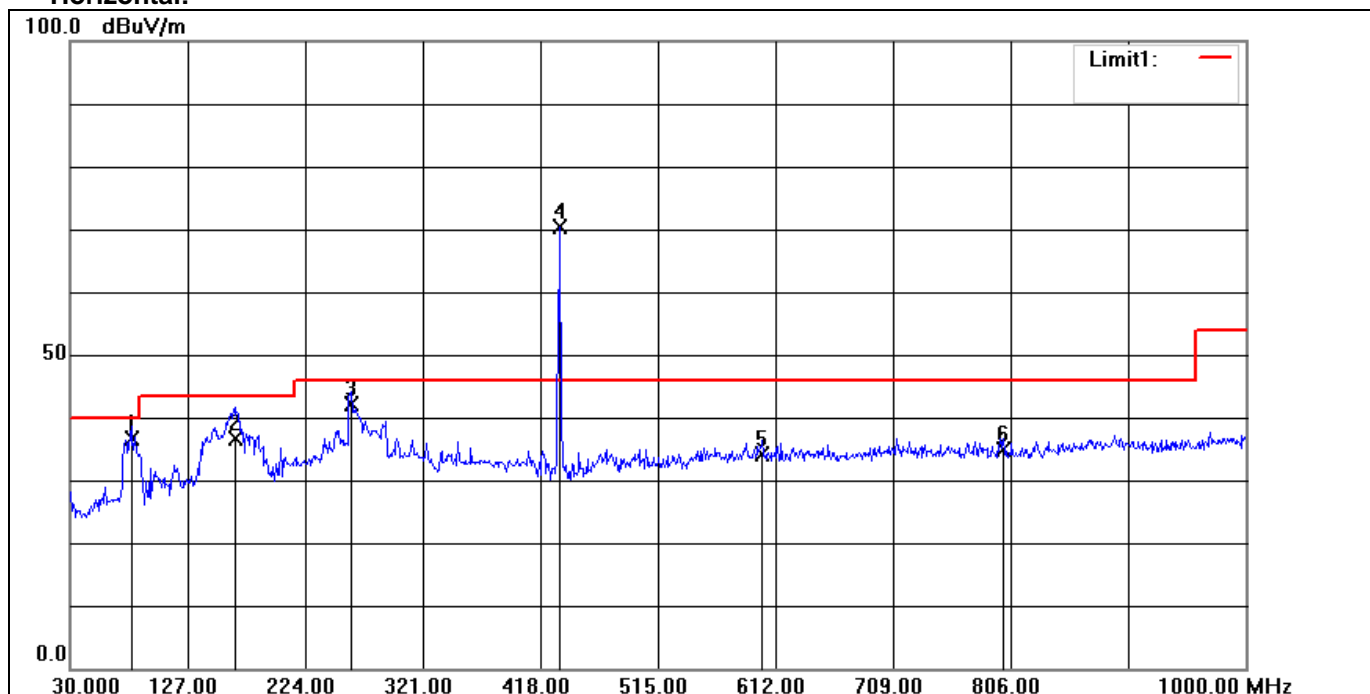
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	80.4400	22.39	14.12	36.51	40.00	-3.49	QP
2	165.8000	19.48	17.20	36.68	43.50	-6.82	QP
3	261.8300	21.12	21.03	42.15	46.00	-3.85	QP
4	434.6000	46.37	23.99	70.36	100.83	-30.47	peak
5	601.3300	7.02	27.09	34.11	46.00	-11.89	QP
6	800.1800	32.51	2.25	34.76	46.00	-11.24	QP



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3. Spurious Emissions(1-6GHz)

434.60MHz

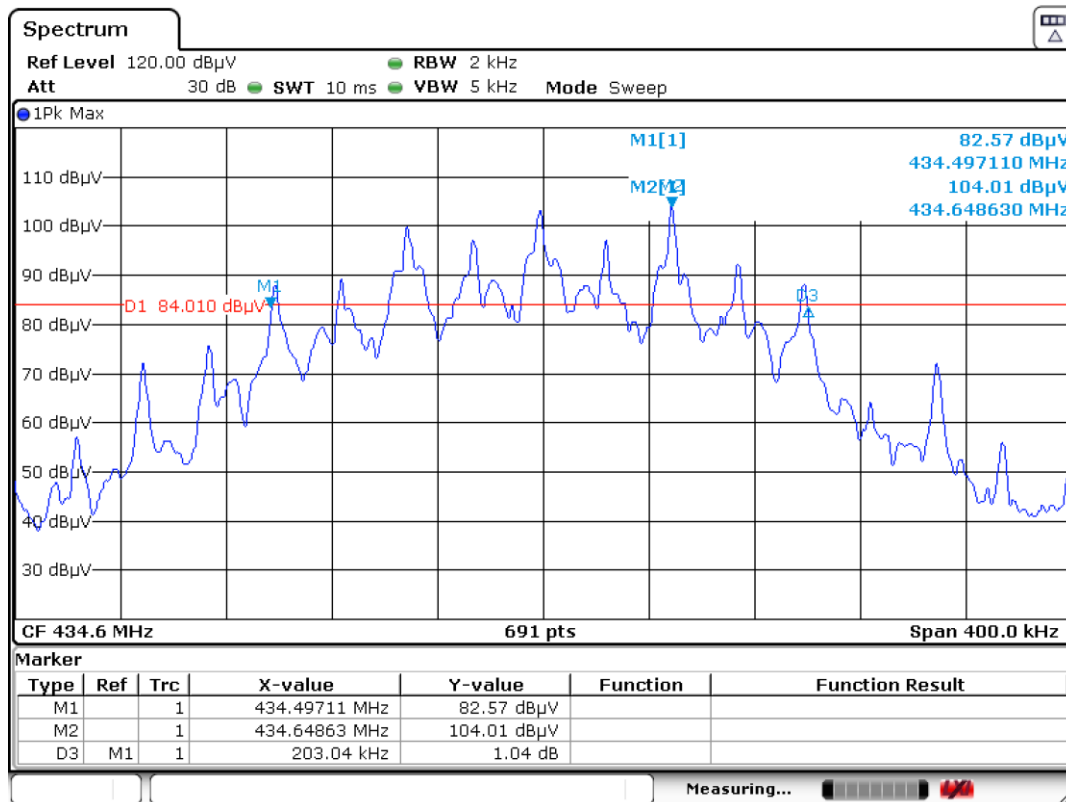
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1436.00	63.23	-19.77	43.46	54.00	-10.54	peak	Vertical
2	1740.00	60.86	-19.46	41.40	54.00	-12.60	peak	Vertical
3	3188.00	56.35	-11.36	44.99	54.00	-9.01	peak	Vertical
4	1748.00	60.57	-19.45	41.12	54.00	-12.88	peak	Horizontal
5	2816.00	55.38	-12.79	42.59	54.00	-11.41	peak	Horizontal
6	4204.00	53.46	-9.08	44.38	54.00	-9.62	peak	Horizontal

4. 20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
434.60	203.04	1086.50	Pass

Test plot as follows:



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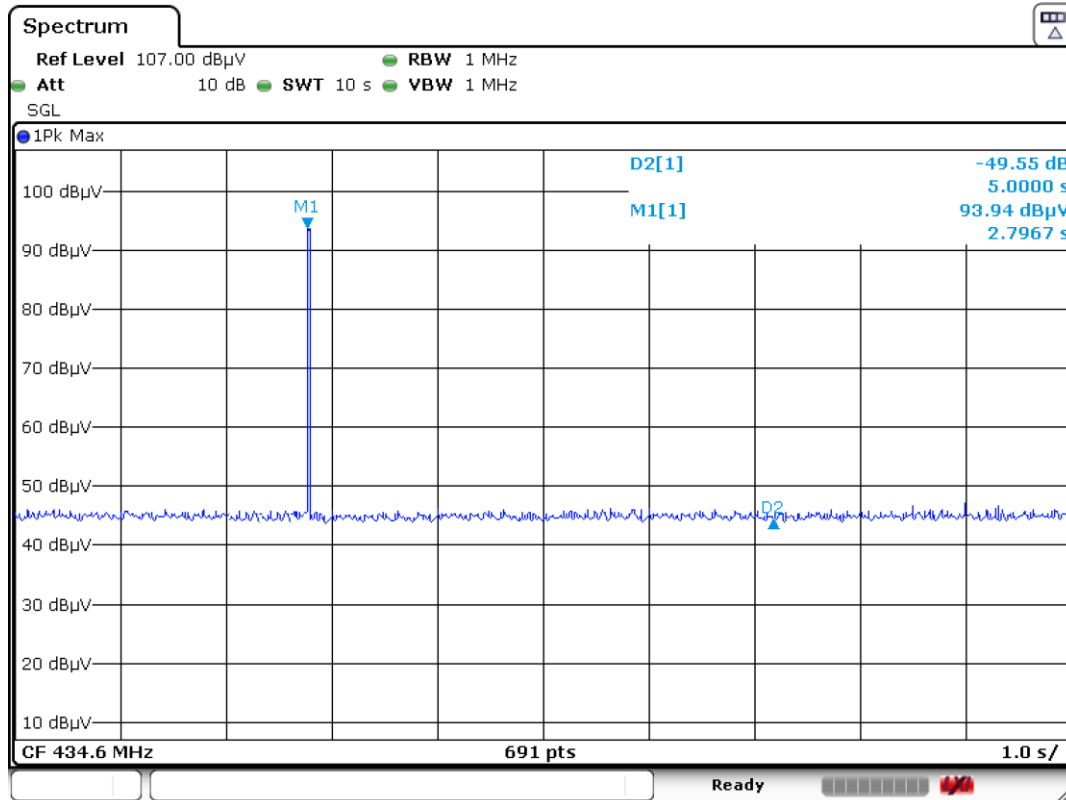
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5. Dwell Time

Measurement Data:

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

Test plot as follows:



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Antenna 2

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	434.60	69.70	100.83	-31.13	Peak	Vertical
		71.03	100.83	-29.80	Peak	Horizontal

Remark:

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



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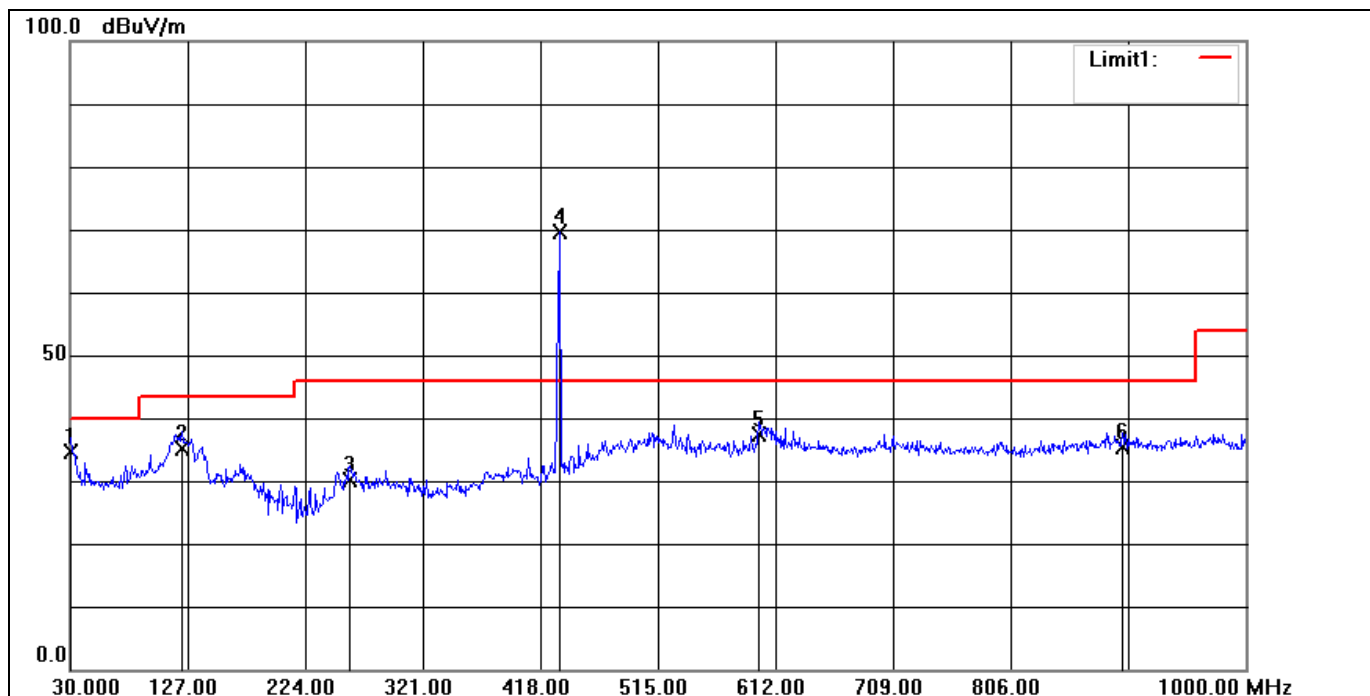
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2. Spurious Emissions(30M-1GHz)

434.60MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	9.53	25.12	34.65	40.00	-5.35	QP
2	122.1500	15.72	19.41	35.13	43.50	-8.37	QP
3	260.8600	9.25	20.97	30.22	46.00	-15.78	QP
4	434.6000	45.71	23.99	69.70	100.83	-31.13	peak
5	598.4200	10.38	27.03	37.41	46.00	-8.59	QP
6	898.1500	32.89	2.44	35.33	46.00	-10.67	QP

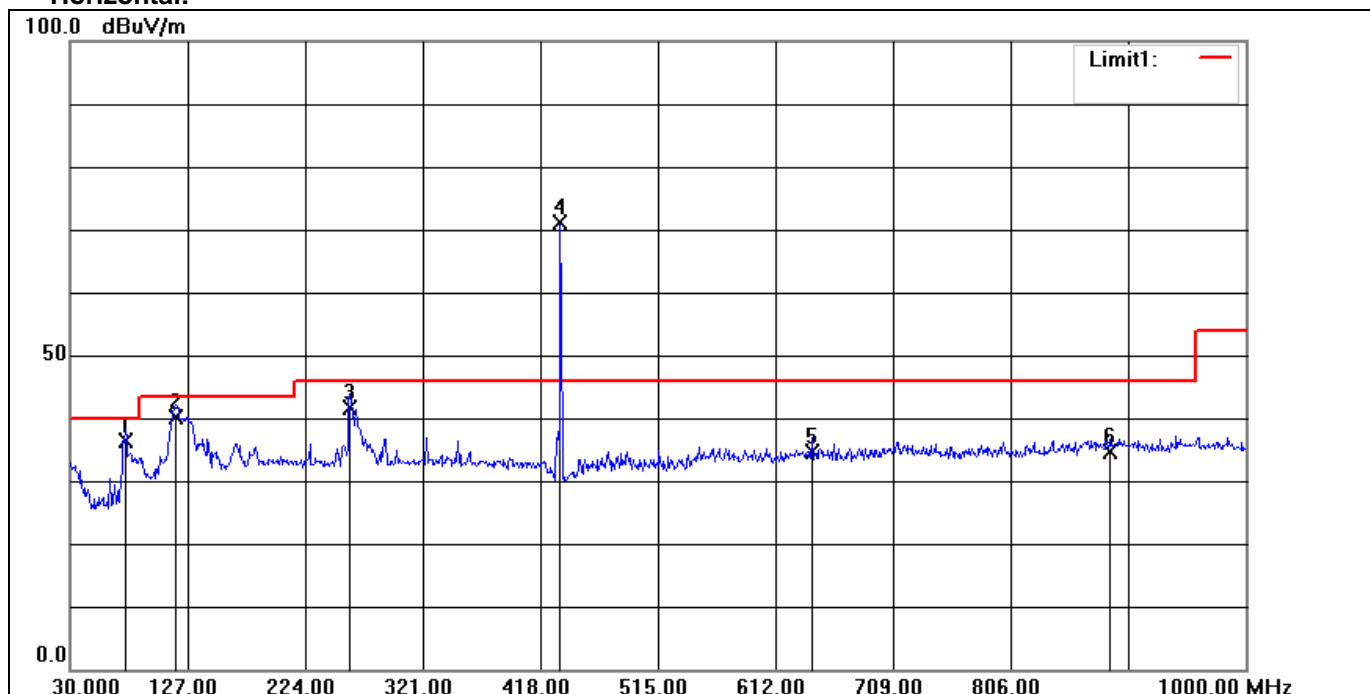


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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	75.5900	21.38	14.90	36.28	40.00	-3.72	QP
2	117.3000	20.84	19.22	40.06	43.50	-3.44	QP
3	260.8600	20.65	20.97	41.62	46.00	-4.38	QP
4	434.6000	47.04	23.99	71.03	100.83	-29.80	peak
5	642.0700	6.80	27.79	34.59	46.00	-11.41	QP
6	888.4500	32.29	2.38	34.67	46.00	-11.33	QP



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3. Spurious Emissions(1-6GHz)

434.60MHz

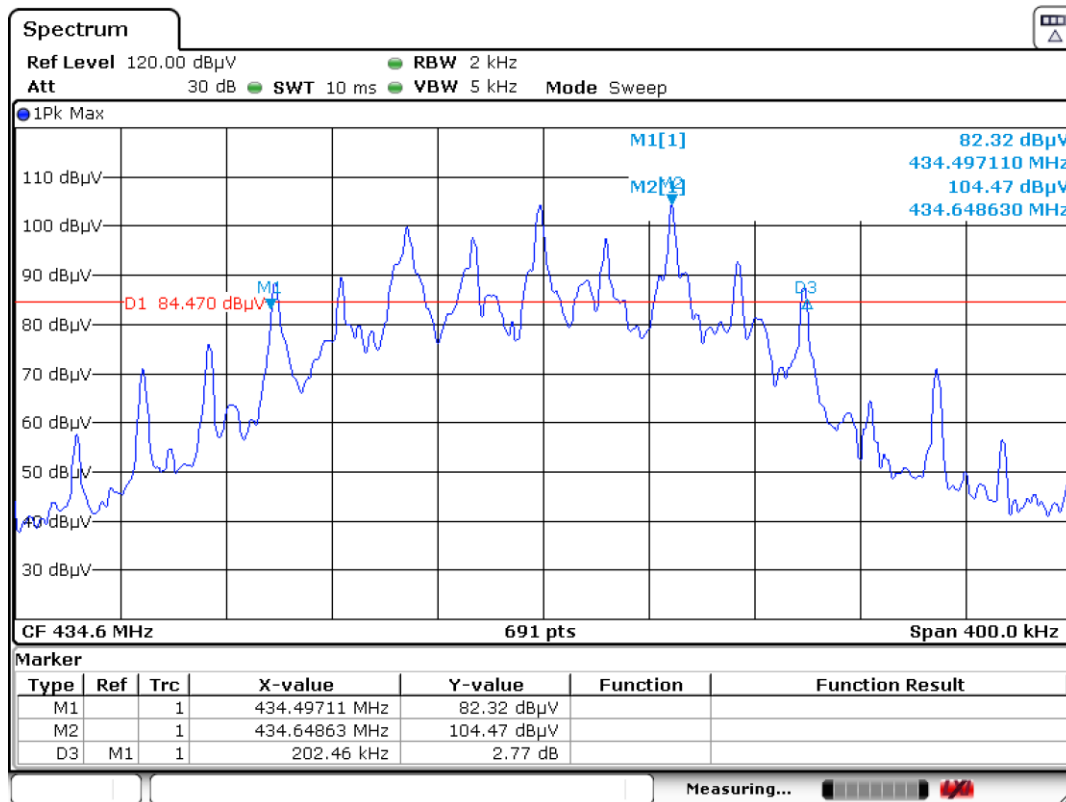
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1644.00	60.37	-19.41	40.96	54.00	-13.04	peak	Vertical
2	2464.00	57.45	-13.77	43.68	54.00	-10.32	peak	Vertical
3	3500.00	54.31	-10.89	43.42	54.00	-10.58	peak	Vertical
4	1716.00	61.82	-19.44	42.38	54.00	-11.62	peak	Horizontal
5	2668.00	56.60	-13.16	43.44	54.00	-10.56	peak	Horizontal
6	3228.00	54.55	-11.35	43.20	54.00	-10.80	peak	Horizontal

4. 20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
434.60	202.46	1086.50	Pass

Test plot as follows:



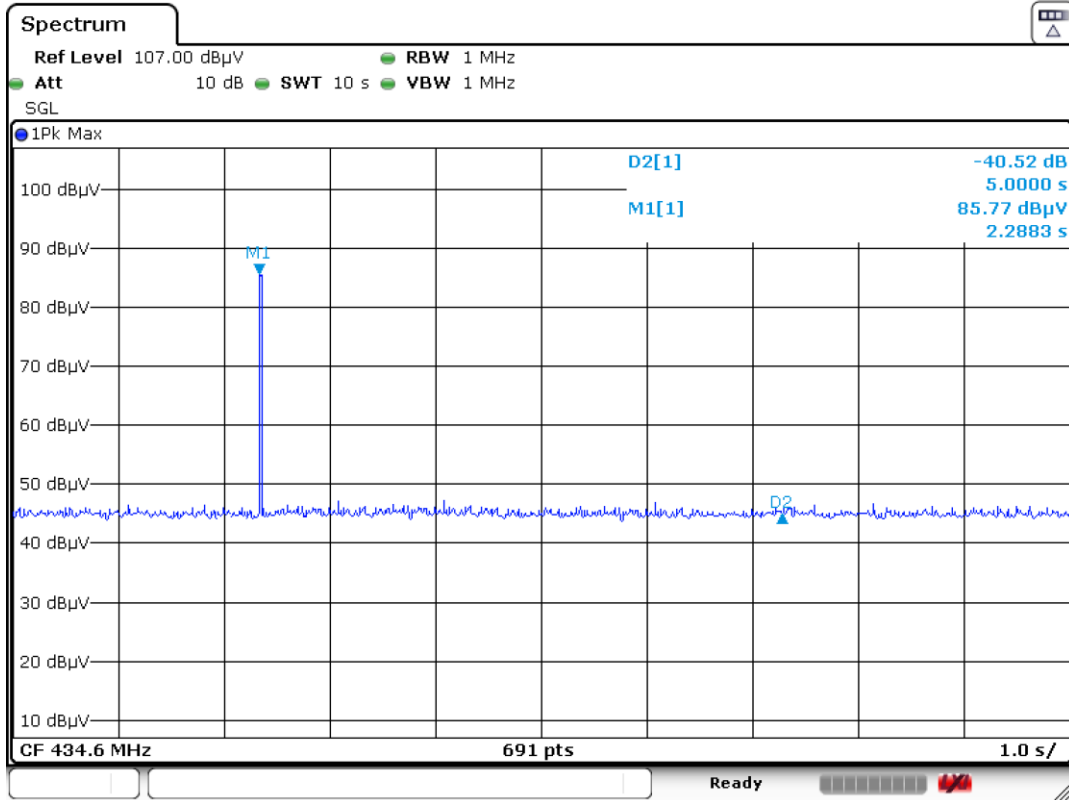
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5. Dwell Time

Measurement Data:

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

Test plot as follows:



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