

Appendix B for KSCR220300038002-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	70.11	100.83	-30.72	Peak	Vertical
		70.81	100.83	-30.02	Peak	Horizontal

Remark:

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



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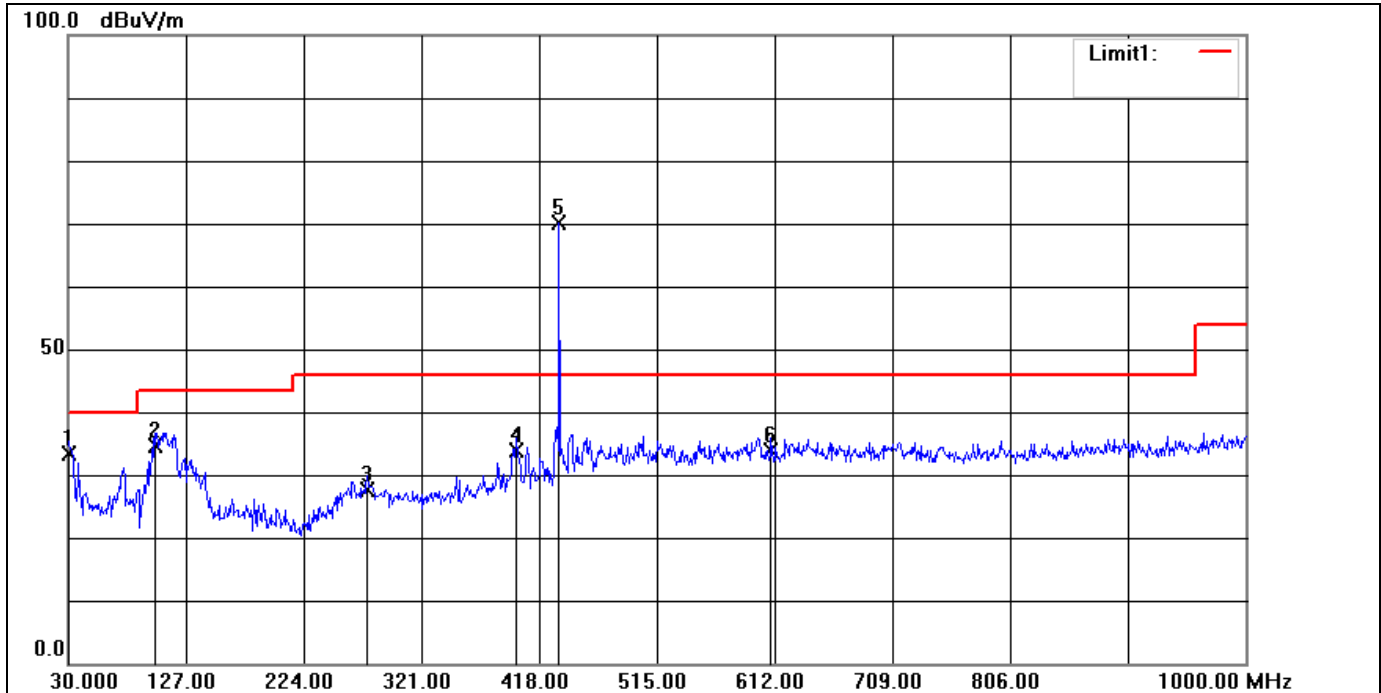
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2. Spurious Emissions(30M-1GHz)

434.60MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	8.12	25.25	33.37	40.00	-6.63	QP
2	101.7800	17.32	17.36	34.68	43.50	-8.82	QP
3	276.3800	7.33	20.26	27.59	46.00	-18.41	QP
4	399.5700	10.55	23.32	33.87	46.00	-12.13	QP
5	434.6000	46.12	23.99	70.11	100.83	-30.72	peak
6	609.0900	6.86	27.09	33.95	46.00	-12.05	QP

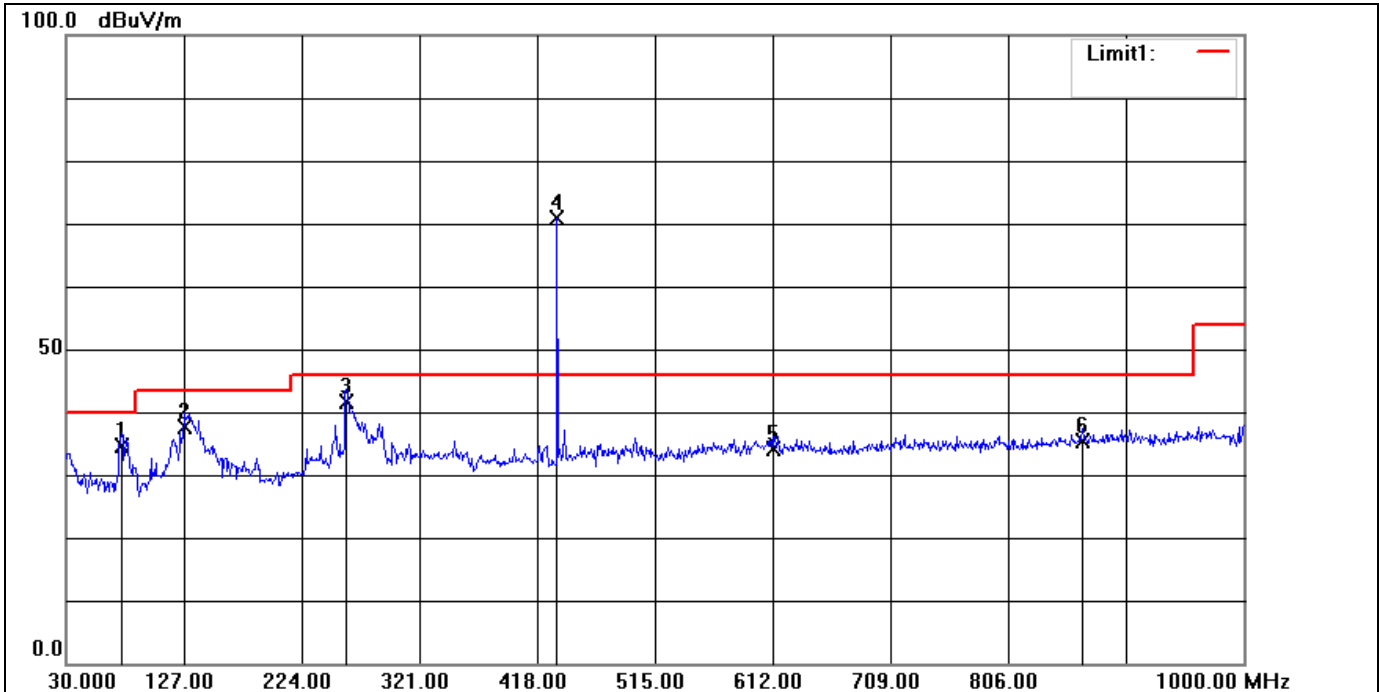


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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	75.5900	19.65	14.90	34.55	40.00	-5.45	QP
2	127.9700	18.25	19.44	37.69	43.50	-5.81	QP
3	260.8600	20.68	20.97	41.65	46.00	-4.35	QP
4	434.6000	46.82	23.99	70.81	100.83	-30.02	peak
5	612.0000	7.11	27.10	34.21	46.00	-11.79	QP
6	867.1100	33.02	2.24	35.26	46.00	-10.74	QP



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3. Spurious Emissions(1-6GGHz)

434.60MHz

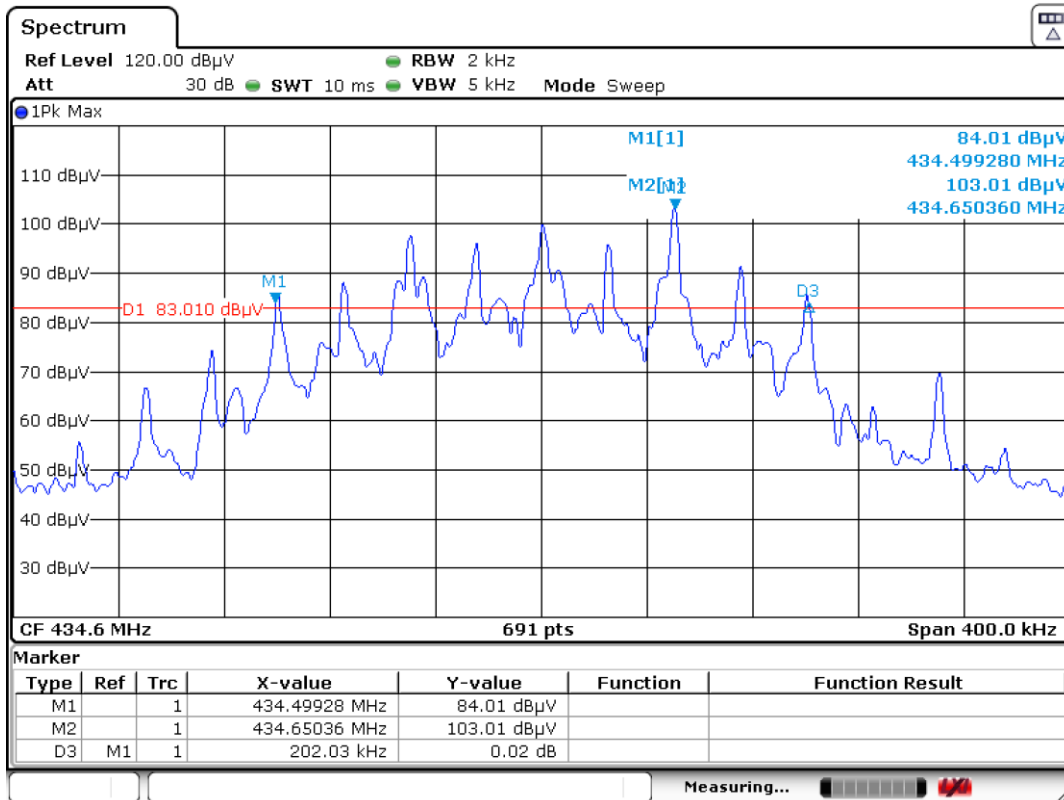
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1108.00	59.69	-20.24	39.45	54.00	-14.55	peak	Vertical
2	2560.00	54.13	-13.45	40.68	54.00	-13.32	peak	Vertical
3	3756.00	51.80	-9.80	42.00	54.00	-12.00	peak	Vertical
4	1376.00	58.65	-19.88	38.77	54.00	-15.23	peak	Horizontal
5	1860.00	57.36	-18.13	39.23	54.00	-14.77	peak	Horizontal
6	3088.00	53.32	-11.69	41.63	54.00	-12.37	peak	Horizontal

4. 20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
434.60	202.03	1086.5	Pass

Test plot as follows:



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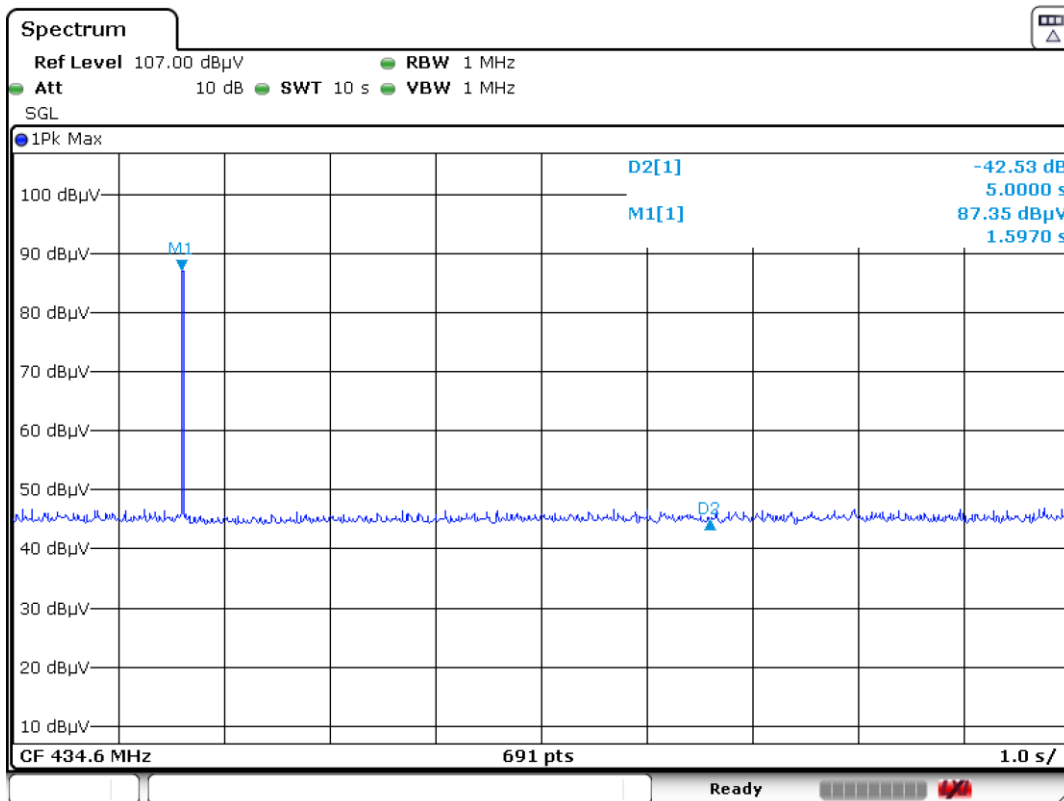
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5. Dwell Time

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	69.26	100.83	-31.57	Peak	Vertical
		73.50	100.83	-27.33	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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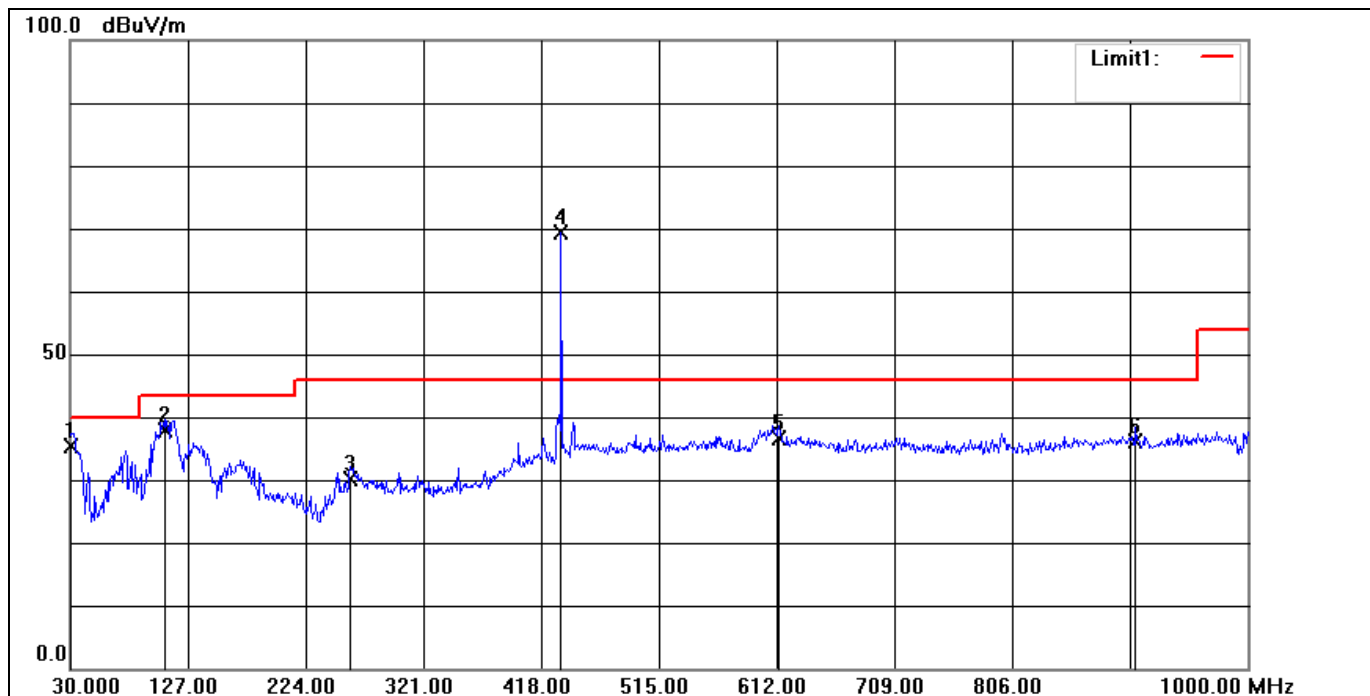
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2. Spurious Emissions(30M-1GHz)

434.60MHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	10.19	25.25	35.44	40.00	-4.56	QP
2	107.6000	19.73	18.16	37.89	43.50	-5.61	QP
3	260.8600	9.08	20.97	30.05	46.00	-15.95	QP
4	434.6000	45.27	23.99	69.26	100.83	-31.57	peak
5	613.9400	9.41	27.17	36.58	46.00	-9.42	QP
6	907.8500	33.67	2.48	36.15	46.00	-9.85	QP



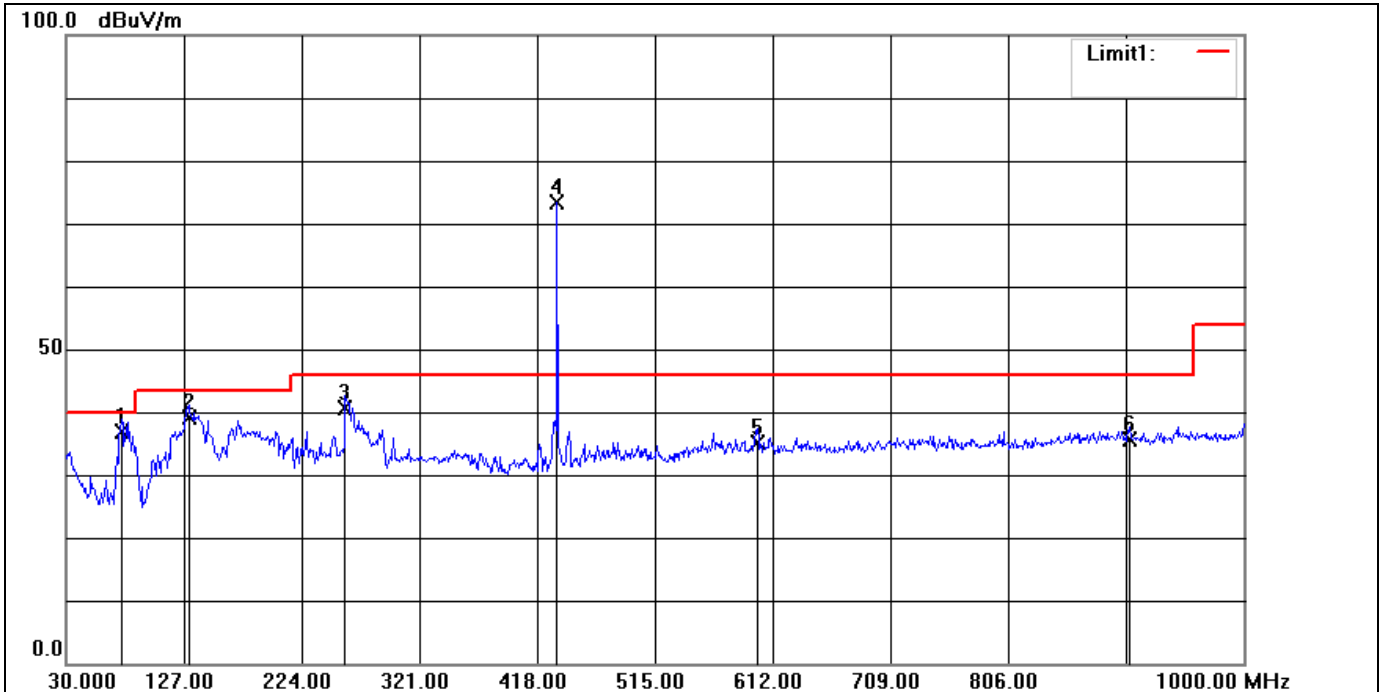
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Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	75.5900	21.97	14.90	36.87	40.00	-3.13	QP
2	130.8800	19.83	19.35	39.18	43.50	-4.32	QP
3	259.8900	19.72	20.90	40.62	46.00	-5.38	QP
4	434.6000	49.51	23.99	73.50	100.83	-27.33	peak
5	599.3900	8.18	27.04	35.22	46.00	-10.78	QP
6	905.9100	33.12	2.47	35.59	46.00	-10.41	QP



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3. Spurious Emissions(1-6GHz)

434.60MHz

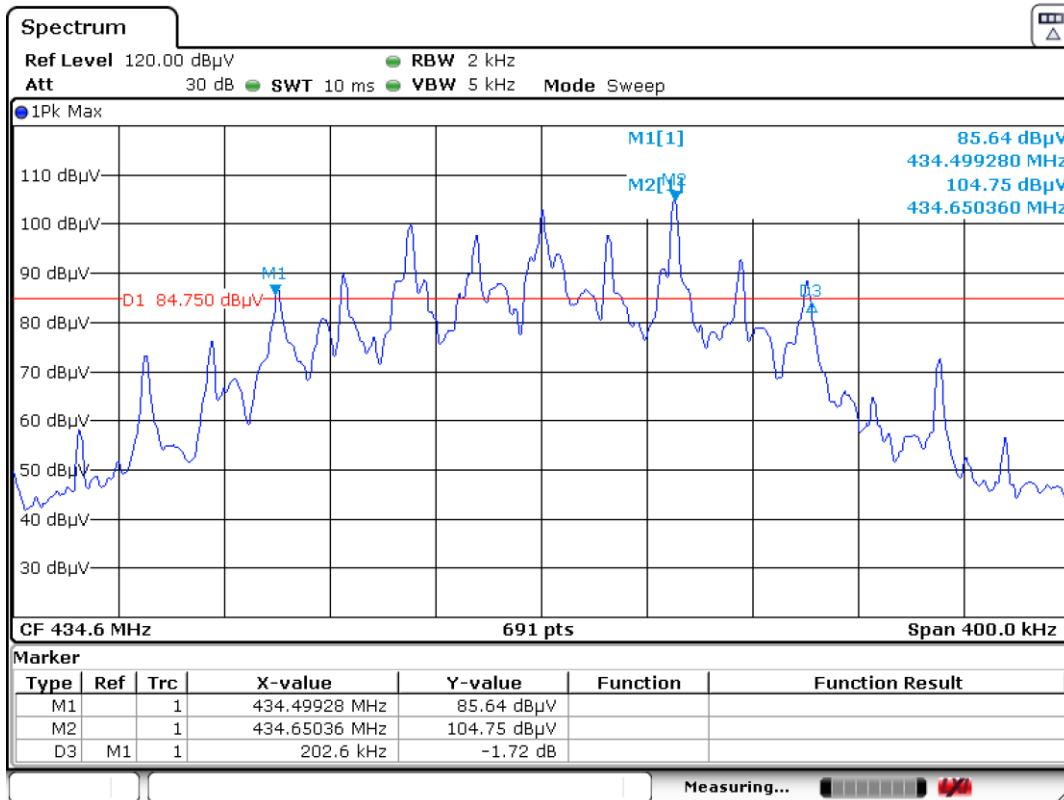
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1360.00	59.12	-19.90	39.22	54.00	-14.78	peak	Vertical
2	2656.00	54.03	-13.19	40.84	54.00	-13.16	peak	Vertical
3	4492.00	51.78	-8.75	43.03	54.00	-10.97	peak	Vertical
4	1312.00	58.77	-19.94	38.83	54.00	-15.17	peak	Horizontal
5	2344.00	54.91	-14.15	40.76	54.00	-13.24	peak	Horizontal
6	3440.00	53.95	-11.29	42.66	54.00	-11.34	peak	Horizontal

4. 20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
434.60	202.60	1086.5	Pass

Test plot as follows:



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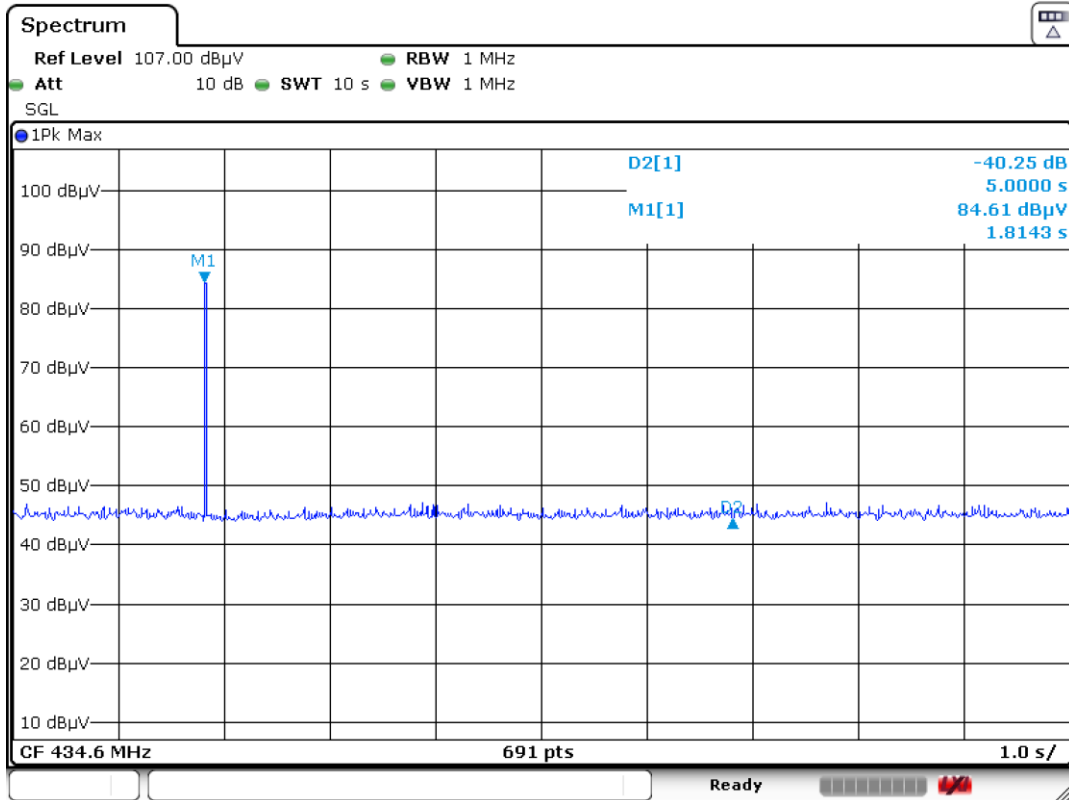
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5. Dwell Time

Measurement Data:

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

Test plot as follows:



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