

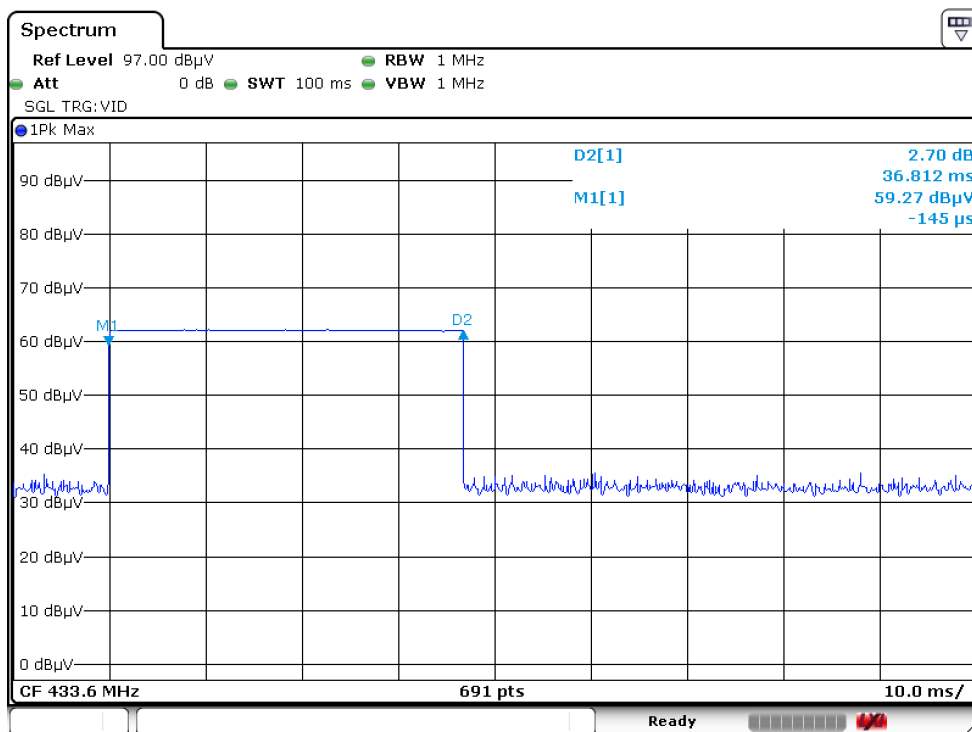
Appendix A for KSCR220500074801

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	87.45	100.82	-13.37	Peak	Vertical
		88.52	100.82	-12.3	Peak	Horizontal
		78.77	80.82	-2.05	AVG	Vertical
		79.87	80.82	-0.95	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)= -8.68dB



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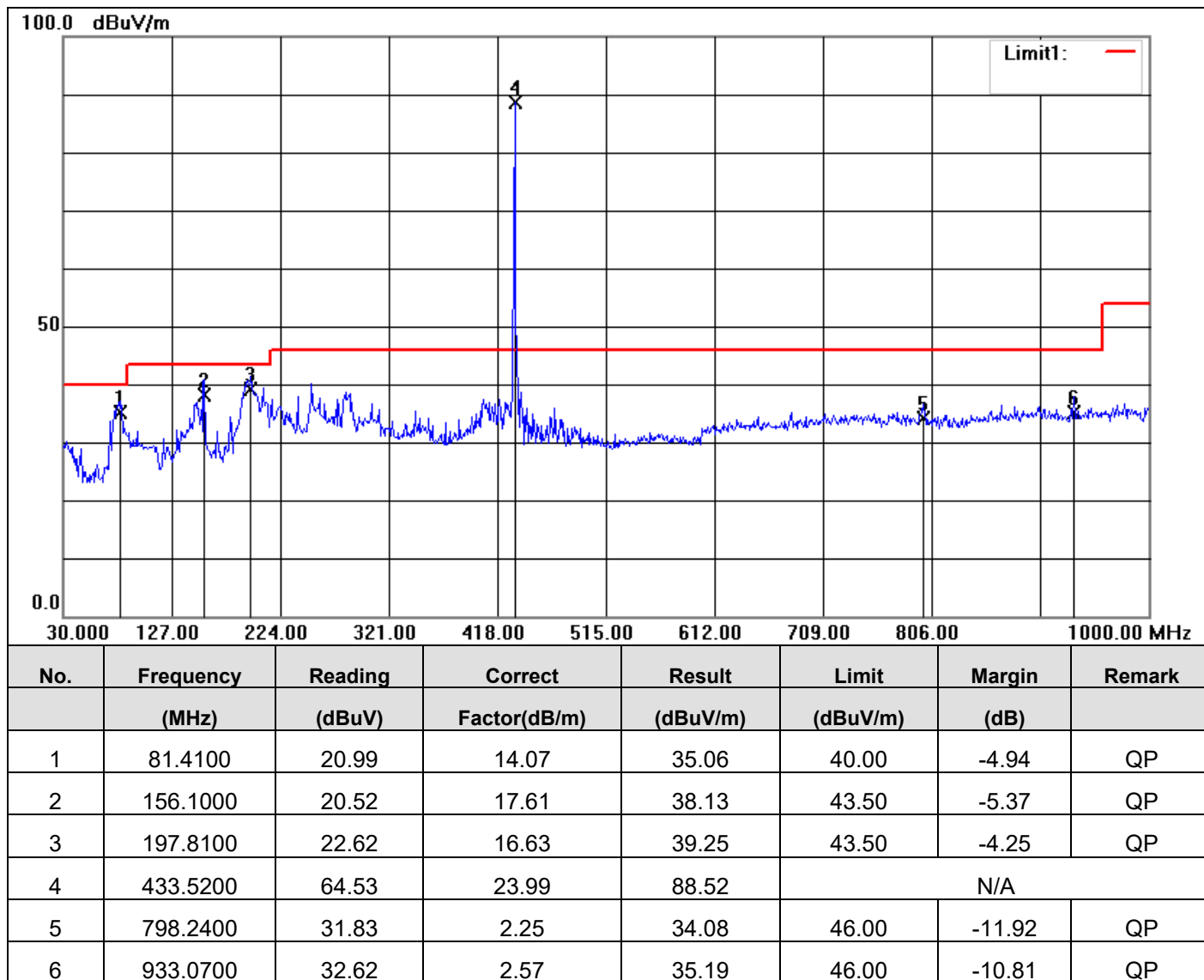
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1.2 Spurious Emissions

Below 1GHz

433.60MHz

Horizontal:



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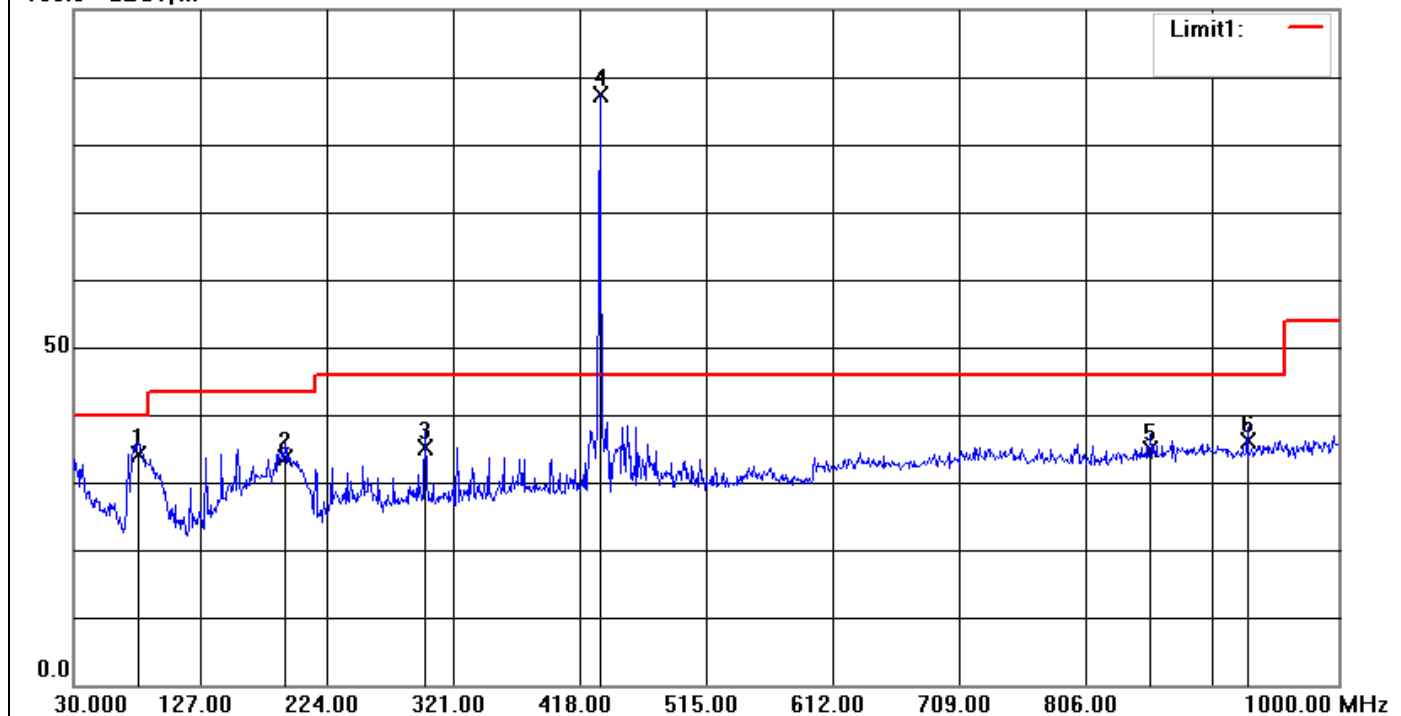
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Vertical:

100.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	79.4700	19.85	14.21	34.06	40.00	-5.94	QP
2	191.9900	17.24	16.37	33.61	43.50	-9.89	QP
3	299.6600	14.46	20.73	35.19	46.00	-10.81	QP
4	433.5200	63.46	23.99	87.45	N/A		
5	855.4700	32.70	2.17	34.87	46.00	-11.13	QP
6	930.1600	33.46	2.56	36.02	46.00	-9.98	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	56.49	-19.95	36.54	54.00	-17.46	peak	Vertical
2	1734.400	56.90	-19.45	37.45	54.00	-16.55	peak	Vertical
3	2168.000	52.99	-14.64	38.35	54.00	-15.65	peak	Vertical
4	1300.800	57.48	-19.95	37.53	54.00	-16.32	peak	Horizontal
5	1734.400	58.00	-19.45	38.55	54.00	-13.77	peak	Horizontal
6	2168.000	53.96	-14.64	39.32	54.00	-11.68	peak	Horizontal



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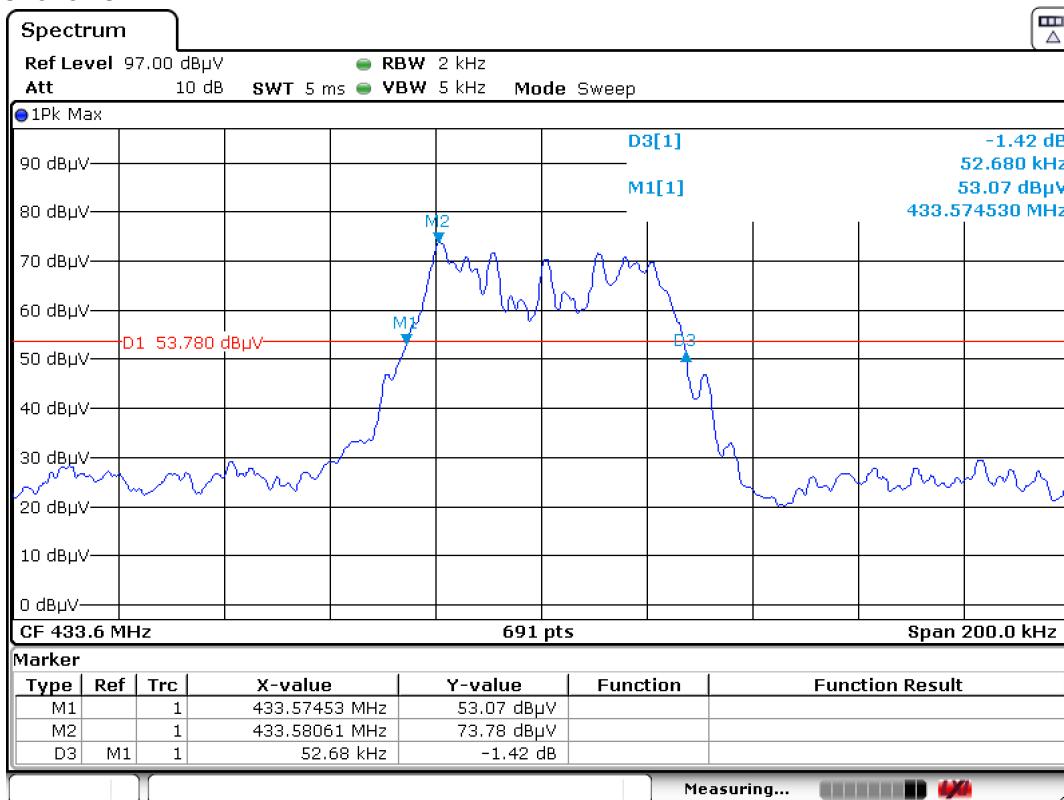
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20dB Bandwidth

Measurement Data:

Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.60	52.68	1084	Pass

Test plot as follows:



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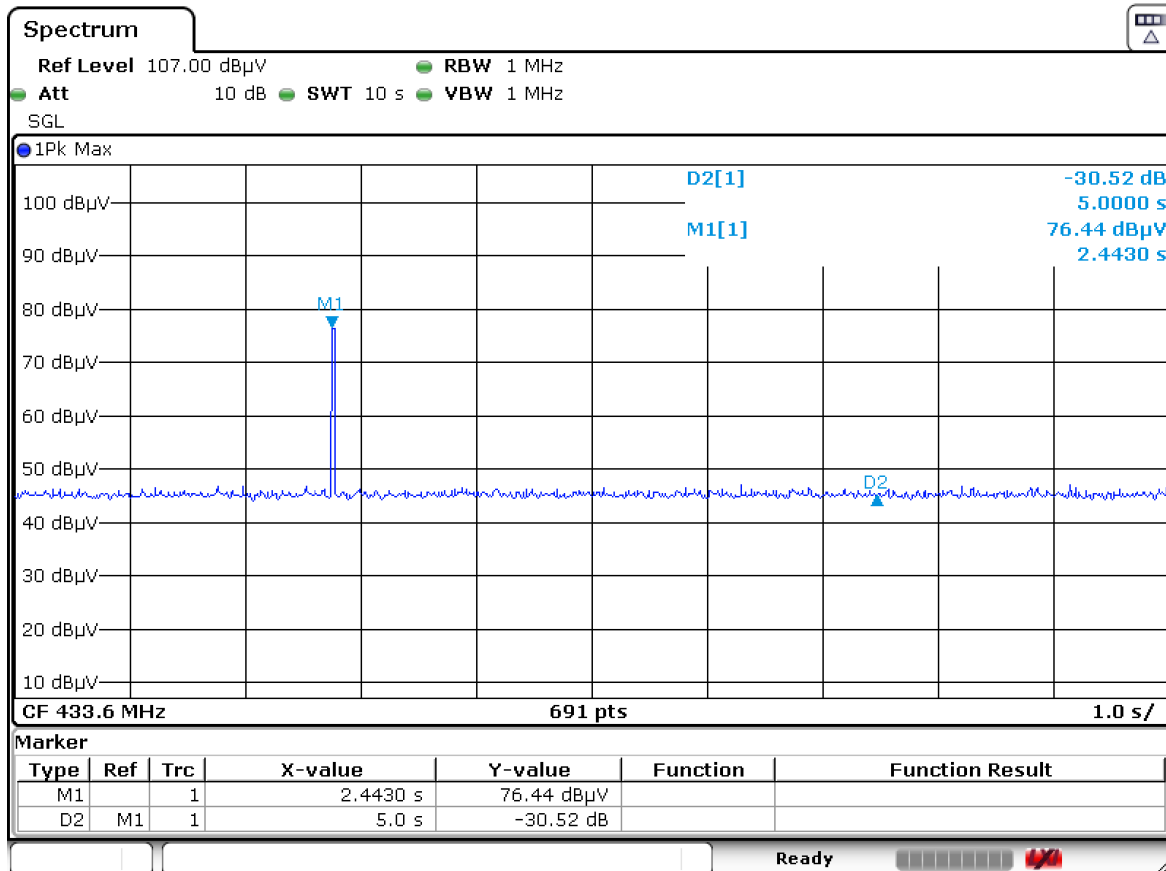
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2 Dwell Time

Measurement Data:

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

Test plot as follows:



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