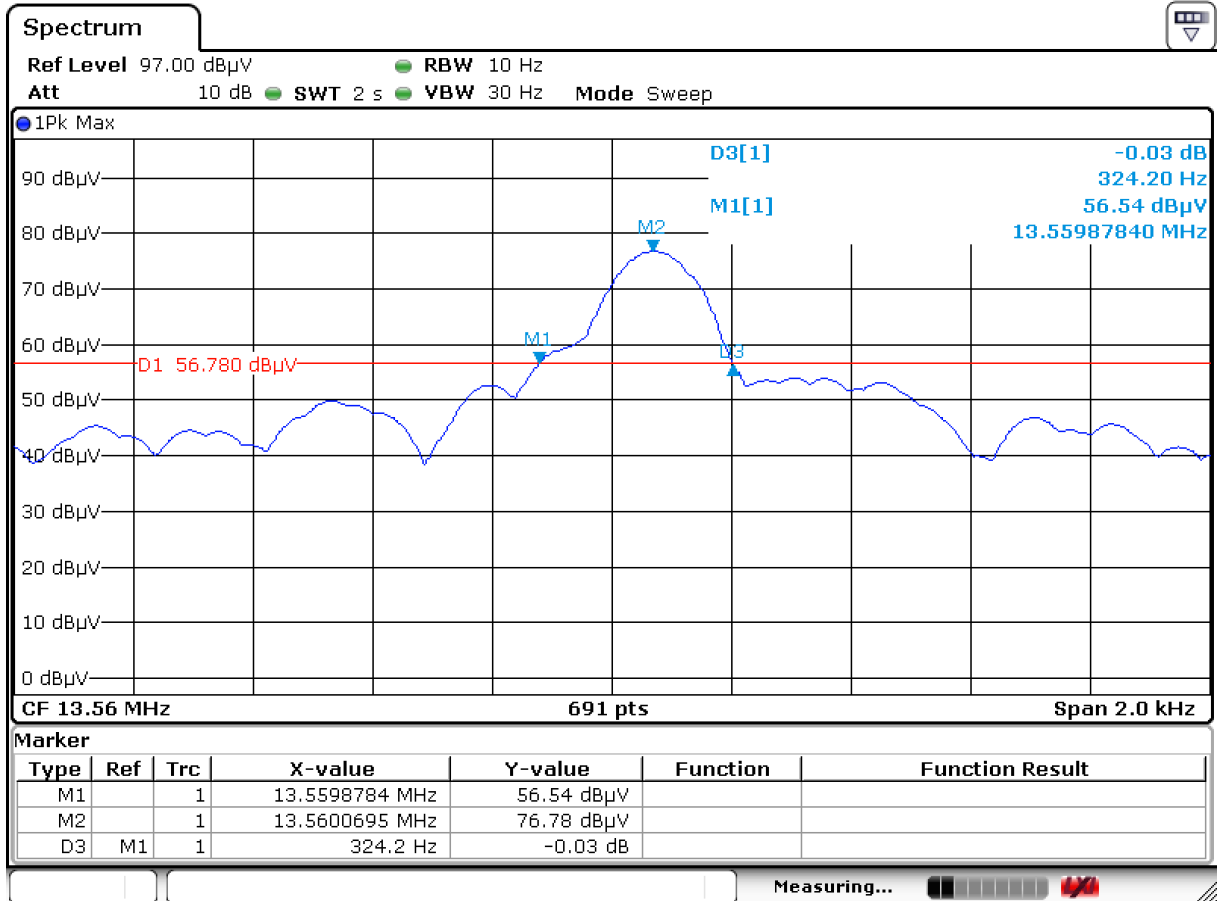


Appendix A for KSCR220500076001-13.56MHz

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit(MHz)	Result
0.5065	13.5599	13.5602	13.110 – 14.010	Pass

Test plot as follows:



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2. Frequency tolerance

Nominal Operation Frequency: 13.56MHz

Test Conditions		Test Result (MHz)	Deviation (kHz)	Limit (kHz)	Result
Temp (°C)	Volt (V AC)				
T _{nom} (-20)	V _{nom} (120)	13.55997	-0.03	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (120)	13.55999	-0.01		Pass
T _{nom} (0)	V _{nom} (120)	13.56013	0.13		Pass
T _{nom} (10)	V _{nom} (120)	13.56016	0.16		Pass
T _{nom} (20)	V _{nom} (120)	13.56012	0.12		Pass
T _{nom} (30)	V _{nom} (120)	13.56025	0.25		Pass
T _{nom} (40)	V _{nom} (120)	13.56031	0.31		Pass
T _{nom} (50)	V _{nom} (120)	13.56017	0.17		Pass
T _{nom} (20)	V _{min} (102)	13.56015	0.15		Pass
	V _{max} (138)	13.56028	0.28		Pass

Note: Deviation (kHz) = (Test Result-13.56MHz)*1000



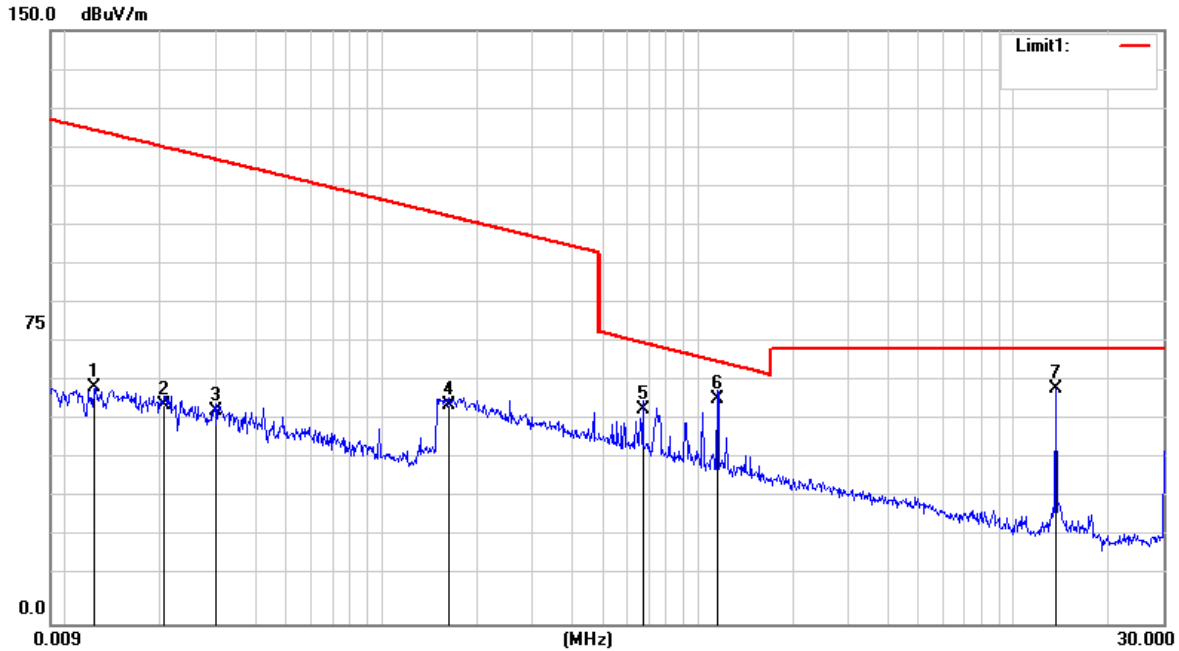
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3. Radiated Emissions(9kHz-30MHz)

Horizontal



Item	Freq.	Read Level	Correct Factor	Result Level@ 3m	Result Level@S PEC	Limit Line@SP EC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0126	42.14	15.97	58.11	-21.89	44.67	-66.56	QP
2	0.0206	39.48	15.88	55.36	-24.64	40.52	-65.16	QP
3	0.0298	37.89	15.78	53.67	-26.33	37.41	-63.74	QP
4	0.1640	41.01	14.45	55.46	-24.54	23.03	-47.57	QP
5	0.6720	39.82	14.40	54.22	14.22	31.06	-16.84	QP
6	1.1592	42.58	14.35	56.93	16.93	26.34	-9.41	QP
7	13.5600	46.31	13.09	59.40	19.40	84.00	-64.60	Peak



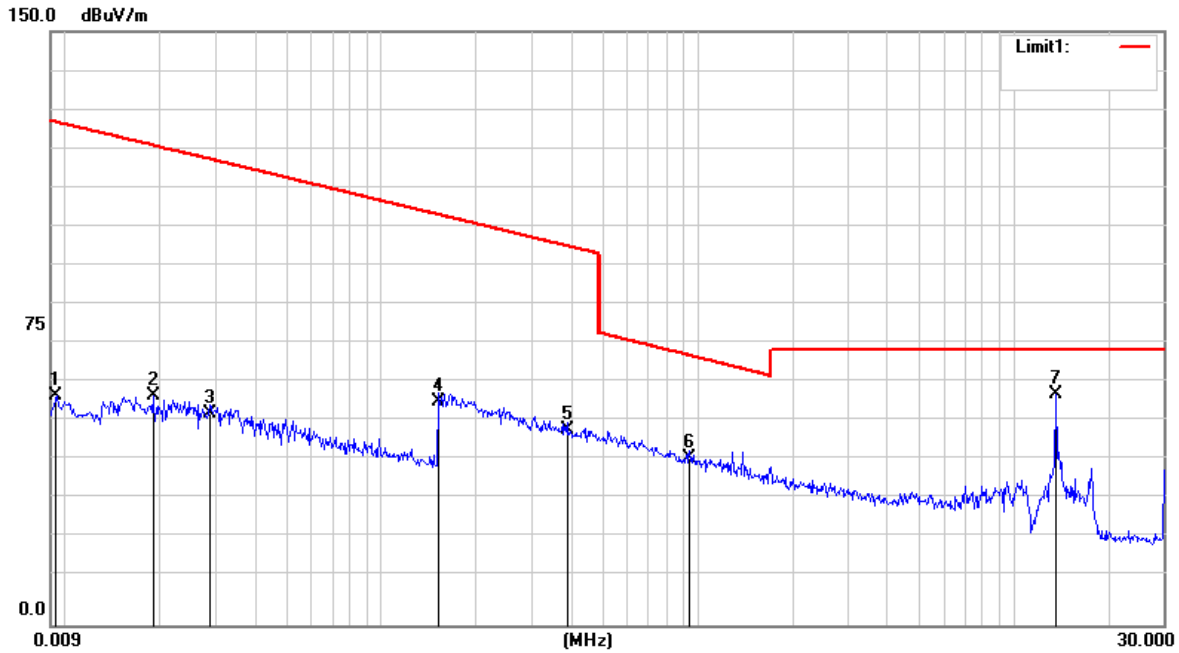
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Vertical



Item	Freq.	Read Level	Correct Factor	Result Level@3 m	Result Level@SP EC	Limit Line@SP EC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0094	41.93	16.01	57.94	-18.32	47.14	-69.2	QP
2	0.0190	41.42	15.90	57.32	-22.68	41.21	-63.89	QP
3	0.0286	37.82	15.79	53.61	-26.39	37.76	-64.15	QP
4	0.1500	41.83	14.45	56.28	-23.72	23.78	-47.50	QP
5	0.3870	34.70	14.43	49.13	-30.87	15.79	-46.66	QP
6	0.9431	27.82	14.37	42.19	2.19	28.13	-25.94	QP
7	13.5600	45.30	13.09	58.39	18.39	84.00	-65.61	Peak



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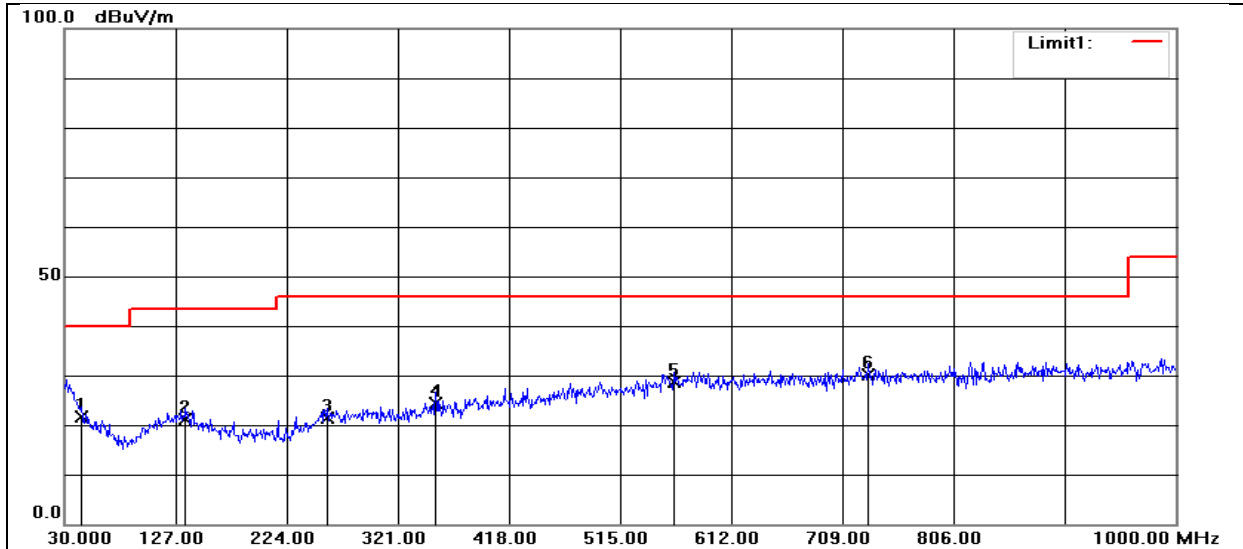
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4. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	1.61	20.04	21.65	40.00	-18.35	QP
2	135.7300	2.02	19.02	21.04	43.50	-22.46	QP
3	258.9200	0.57	20.76	21.33	46.00	-24.67	QP
4	353.9800	2.46	22.00	24.46	46.00	-21.54	QP
5	562.5300	1.18	27.39	28.57	46.00	-17.43	QP
6	731.3100	27.66	2.40	30.06	46.00	-15.94	QP

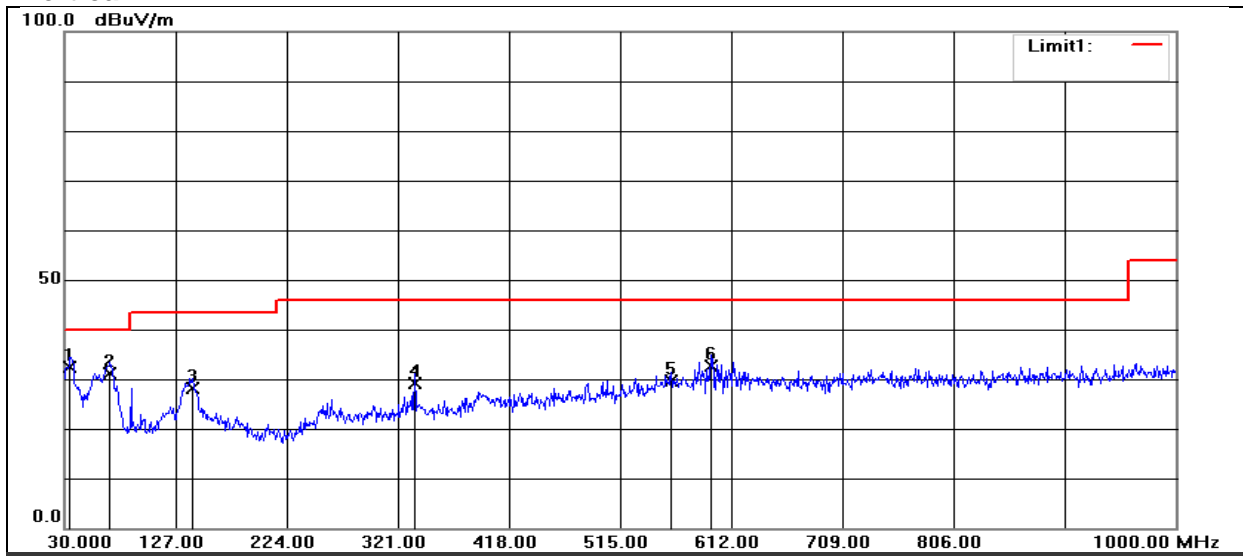


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Vertical



SS

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	7.59	24.67	32.26	40.00	-7.74	QP
2	69.7700	15.56	15.66	31.22	40.00	-8.78	QP
3	141.5500	9.71	18.38	28.09	43.50	-15.41	QP
4	335.5500	7.80	21.35	29.15	46.00	-16.85	QP
5	559.6200	2.26	27.32	29.58	46.00	-16.42	QP
6	594.5400	5.66	26.98	32.64	46.00	-13.36	QP



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