

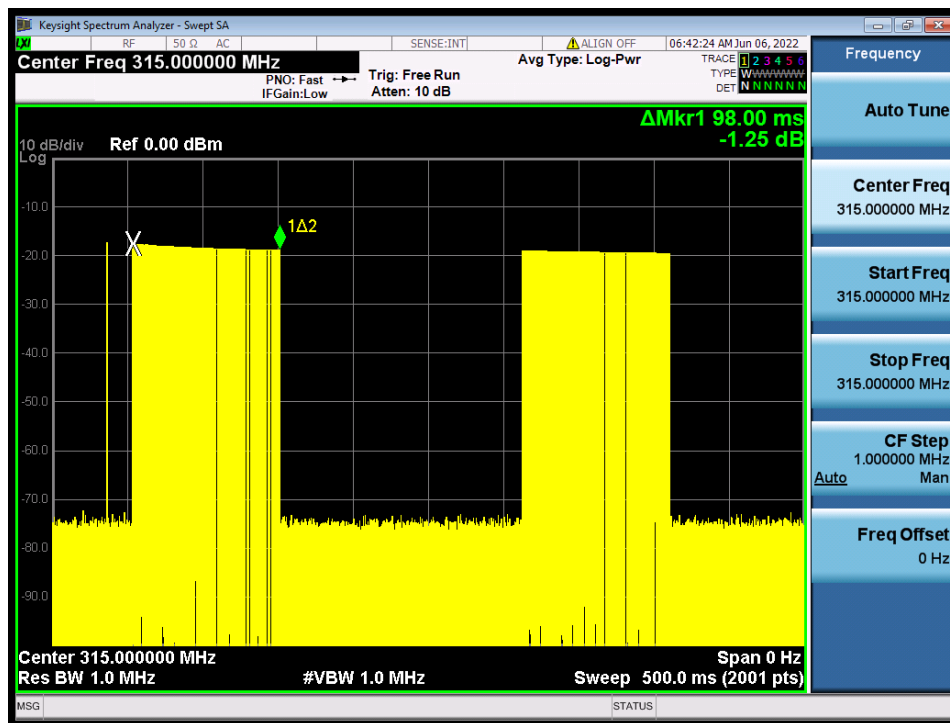
Appendix for KSCR2205000683AT

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	315.00	73.98	95.62	-21.64	Peak	Vertical
		55.57	95.62	-40.05	Peak	Horizontal
		66.36	75.62	-9.26	Average	Vertical
		47.95	75.62	-27.67	Average	Horizontal

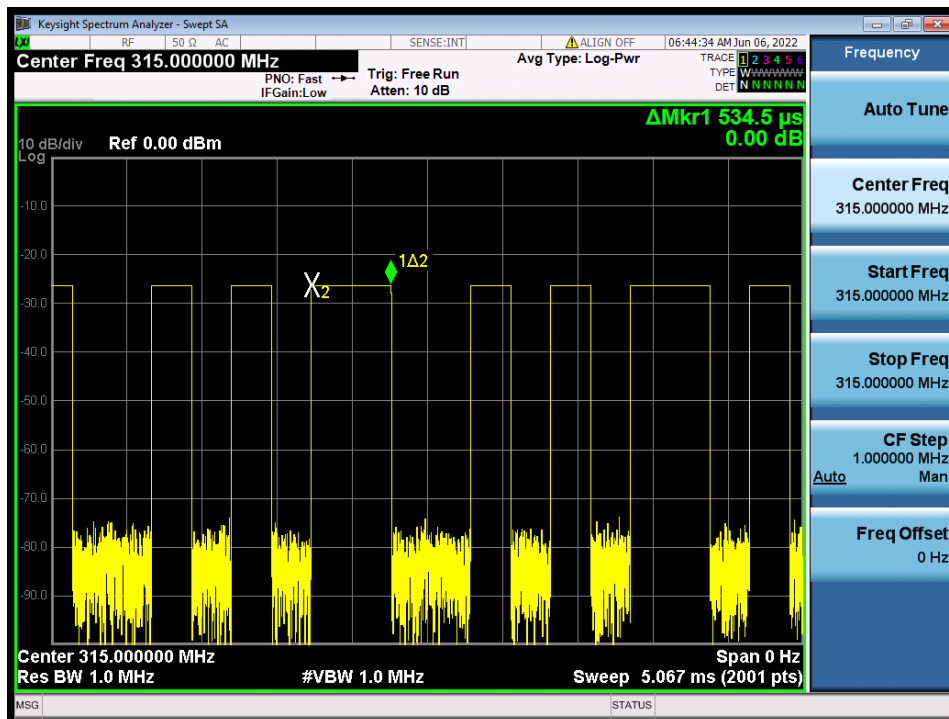
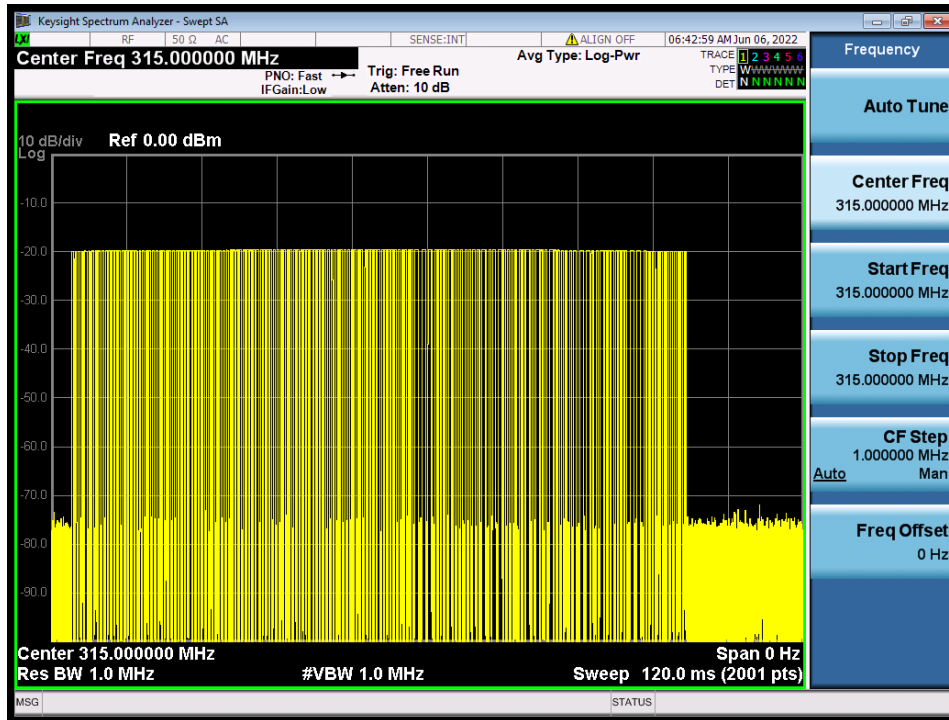
315.00MHz



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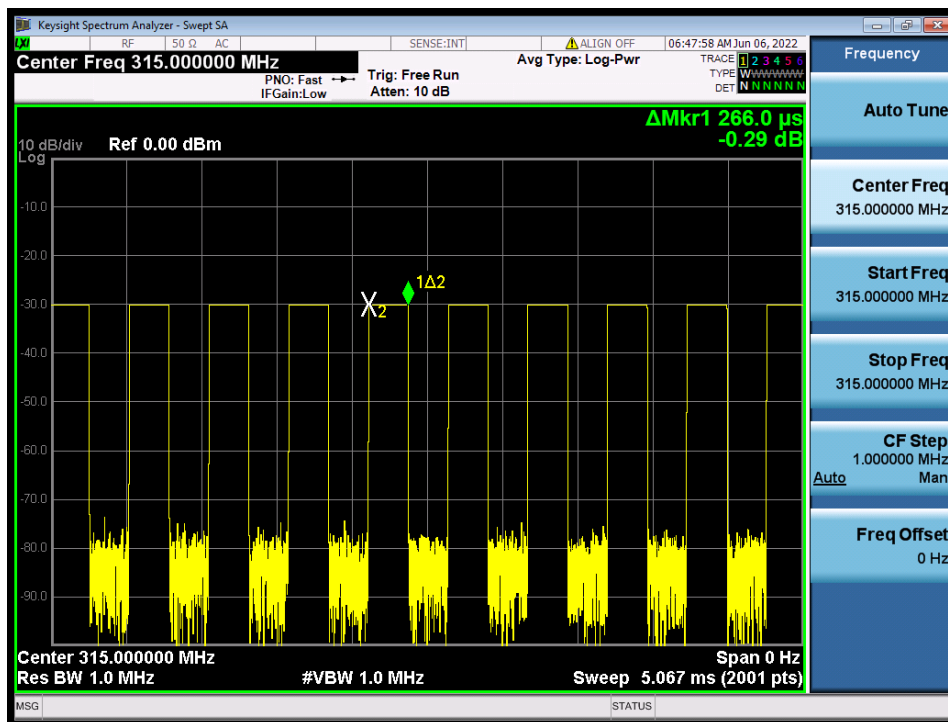


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Remark:

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= $20\log(\text{Duty Cycle}) = 20\log((29*0.5345+98*0.266)/100) = -7.62\text{dB}$



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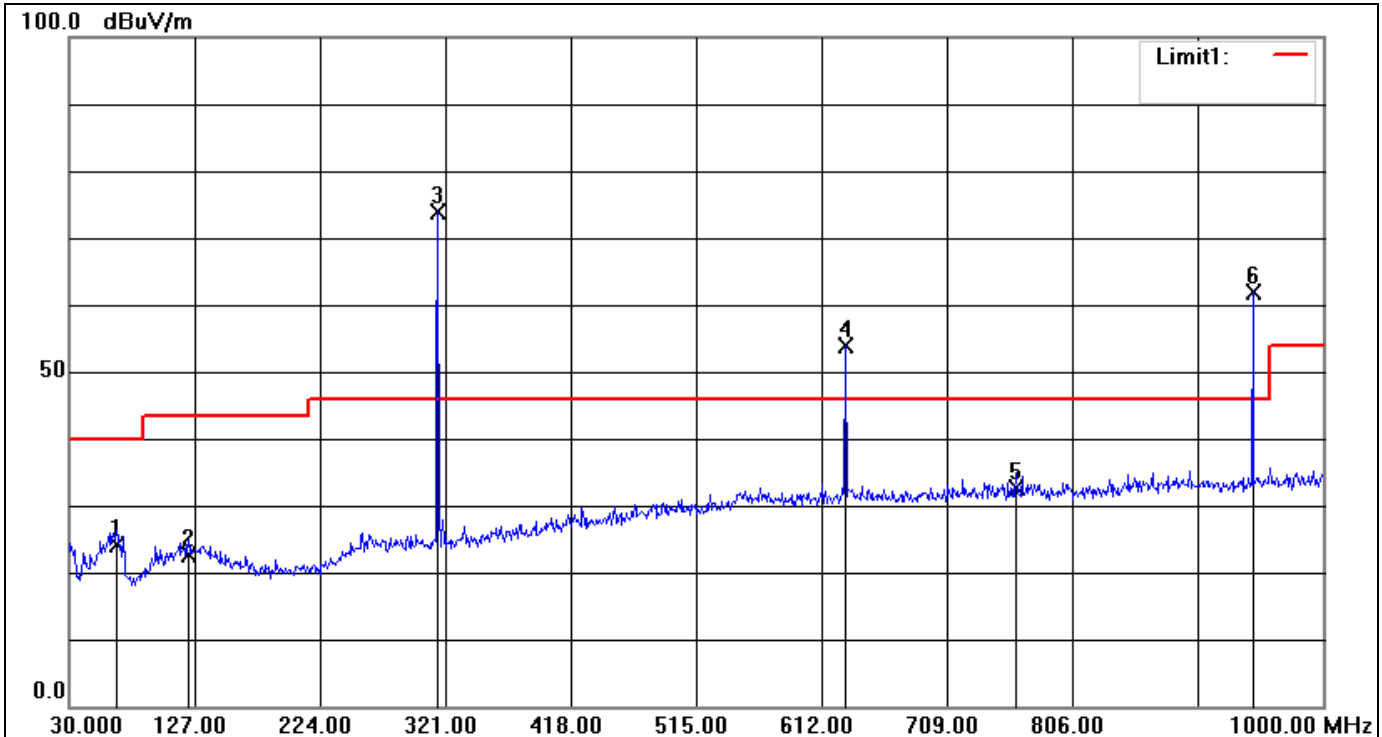
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1.2 Spurious Emissions

Below 1GHz

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	66.8600	8.81	15.30	24.11	40.00	-15.89	QP
2	122.1500	3.15	19.41	22.56	43.50	-20.94	QP
3	315.1800	52.98	21.00	73.98	95.62	-21.64	Peak
4	630.4300	26.39	27.58	53.97	75.62	-21.65	Peak
5	762.3500	30.23	2.33	32.56	46.00	-13.44	QP
6	945.6800	59.19	2.61	61.80	75.62	-13.82	Peak



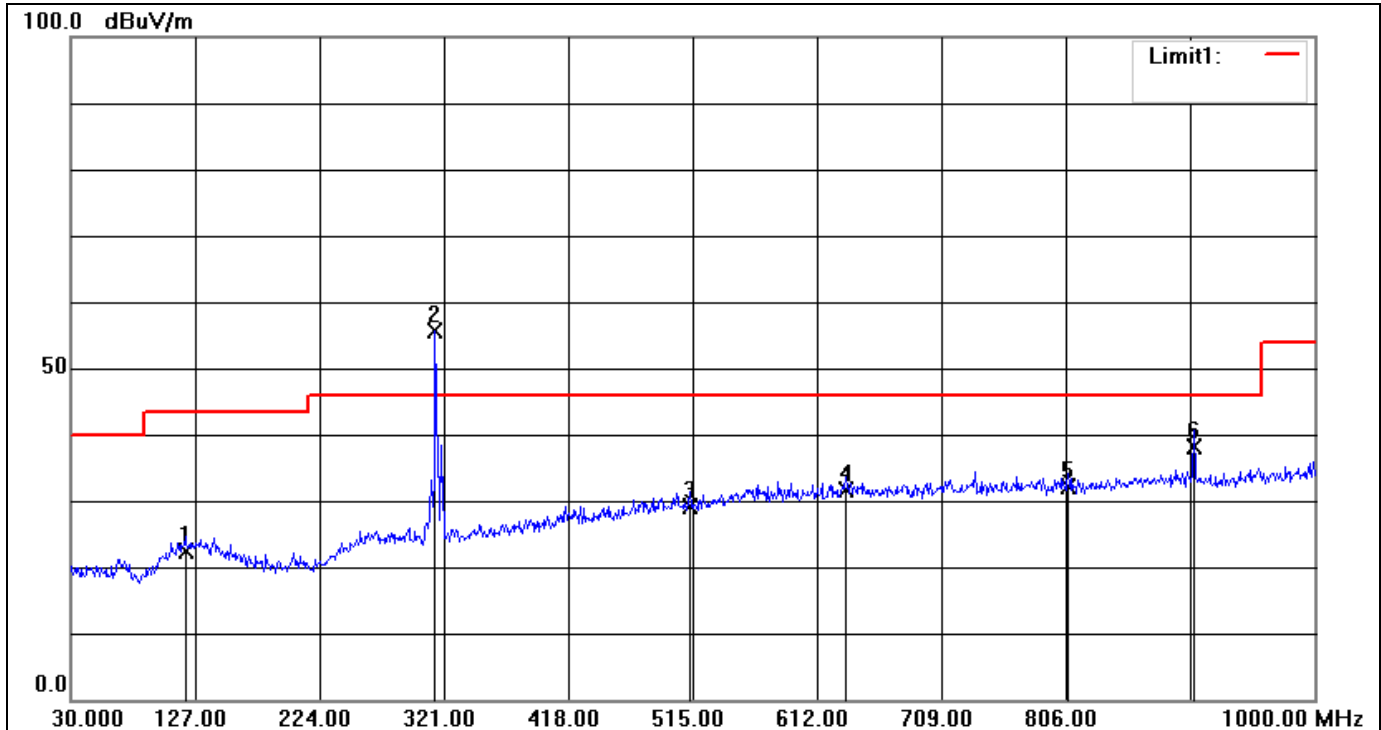
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Horizontal:

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.2400	3.02	19.34	22.36	43.50	-21.14	QP
2	314.2100	34.59	20.98	55.57	95.62	-40.05	Peak
3	513.0600	3.34	25.84	29.18	46.00	-16.82	QP
4	634.3100	3.85	27.70	31.55	75.62	-44.07	Peak
5	807.9400	29.85	2.23	32.08	46.00	-13.92	QP
6	905.9100	35.70	2.47	38.17	46.00	-7.83	QP



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Peak value:				
Frequency (MHz)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
314.2100	55.57	95.62	-40.05	Horizontal
634.3100	31.55	75.62	-44.07	Horizontal
315.1800	73.98	95.62	-21.64	Vertical
630.4300	53.97	75.62	-21.65	Vertical
945.6800	61.80	75.62	-13.82	Vertical

Average value:						
Frequency (MHz)	Average correction factor	Peak Level (dBuV/m)	Average Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
314.2100	-7.62	55.57	47.95	75.62	-27.67	Horizontal
634.3100	-7.62	31.55	23.93	55.62	-31.69	Horizontal
315.1800	-7.62	73.98	66.36	75.62	-9.26	Vertical
630.4300	-7.62	53.97	46.35	55.62	-9.27	Vertical
945.6800	-7.62	61.80	54.18	55.62	-1.44	Vertical

Above 1GHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1687.000	55.34	-14.74	40.60	54.00	-13.40	peak	Vertical
2	2233.000	53.16	-11.68	41.48	54.00	-12.52	peak	Vertical
3	3241.000	53.89	-7.46	46.43	54.00	-7.57	peak	Vertical
4	1513.000	54.97	-14.55	40.42	54.00	-13.58	peak	Horizontal
5	2353.000	52.53	-10.98	41.55	54.00	-12.45	peak	Horizontal
6	3181.000	52.75	-7.64	45.11	54.00	-8.89	peak	Horizontal



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