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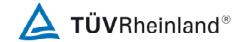
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Appendix I- RF Exposure statement

Exposure Requirements – FCC KDB # 447498 D01

FCC KDB # 447498 D01 V06 – RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES, Appendix A shows that the SAR Test Exclusion Threshold for a device with a separation distance.

SHOWS that t							
MHz	5	10	15	20	25	mm	
150	39	77	116	155	194		
300	27	55	82	110	137		
450	22	45	67	89	112		
835	16	33	49	66	82		
900	16	32	47	63	79	G 4 D	
1500	12	24	37	49	61	SAR Test Exclusion	
1900	11	22	33	44	54	Threshold (mW)	
2450	10	19	29	38	48		
3600	8	16	24	32	40		
5200	7	13	20	26	33		
5400	6	13	19	26	32		
5800	6	12	19	25	31		
MHz	30	35	40	45	50	mm	
150	232	271	310	349	387		
300	164	192	219	246	274		
450	134						
	134	157	179	201	224		
835	98	157 115	179 131	201 148	224 164		
835 900							
	98	115	131	148	164	SAR Test	
900	98 95	115 111	131 126	148 142	164 158	Exclusion	
900 1500	98 95 73	115 111 86	131 126 98	148 142 110	164 158 122		
900 1500 1900	98 95 73 65	115 111 86 76	131 126 98 87	148 142 110 98	164 158 122 109	Exclusion	
900 1500 1900 2450	98 95 73 65 57	115 111 86 76 67	131 126 98 87 77	148 142 110 98 86	164 158 122 109 96	Exclusion	
900 1500 1900 2450 3600	98 95 73 65 57 47	115 111 86 76 67 55	131 126 98 87 77 63	148 142 110 98 86 71	164 158 122 109 96 79	Exclusion	



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MHz	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm
100	474	481	487	494	501	507	514	521	527	534	541	547	554	561	567	
150	387	397	407	417	427	437	447	457	467	477	487	497	507	517	527	
300	274	294	314	334	354	374	394	414	434	454	474	494	514	534	554	
450	224	254	284	314	344	374	404	434	464	494	524	554	584	614	644	
835	164	220	275	331	387	442	498	554	609	665	721	776	832	888	943	
900	158	218	278	338	398	458	518	578	638	698	758	818	878	938	998	
1500	122	222	322	422	522	622	722	822	922	1022	1122	1222	1322	1422	1522	mW
1900	109	209	309	409	509	609	709	809	909	1009	1109	1209	1309	1409	1509	
2450	96	196	296	396	496	596	696	796	896	996	1096	1196	1296	1396	1496	
3600	79	179	279	379	479	579	679	779	879	979	1079	1179	1279	1379	1479	
5200	66	166	266	366	466	566	666	766	866	966	1066	1166	1266	1366	1466	

The maximum measured transmitter power is the following:

	Maximum	Maximum
Frequency	Conducted (average)	Conducted (average)
[GHz]	Output Power	Output Power
	[dBm]	[mW]
2.412	9.63	9.18

Evaluation for FCC

According to FCC KDB # 447498 D01 V06, Clause 4.3.1

(a) For 100MHz to 6 GHz and test separation distances \leq 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

 $\frac{\text{(max. power of channel, including tune - up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \times \sqrt{f(GHz)}$

 \leq 3.0, for 1-g SAR, and \leq 7.5, for 10-g extremity SAR

So, the max allowed power for 1-g SAR with distance 5mm at 2412MHz is 9.66mW

And the max allowed power for 10-g extremity SAR with distance 5mm at 2412MHz is 24.15mW

Conclusion

The Maximum Conducted (average) Output Power of the device is 9.18mW, which is totally lower than the 1-g and 10-g SAR test exclusion thresholds. So, SAR data is not required for FCC.