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# **Appendix A: Conducted Output Power**

## **Test Result**

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	23.01	33	PASS
Band II	9400	22.70	33	PASS
Band II	9538	22.33	33	PASS
Band V	4132	21.87	38.5	PASS
Band V	4182	21.84	38.5	PASS
Band V	4233	21.69	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSDPA_Sub0	21.96	33	PASS
Band II	9262	HSDPA_Sub1	21.09	33	PASS
Band II	9262	HSDPA_Sub2	20.48	33	PASS
Band II	9262	HSDPA_Sub3	21.02	33	PASS
Band II	9400	HSDPA_Sub0	21.62	33	PASS
Band II	9400	HSDPA_Sub1	21.19	33	PASS
Band II	9400	HSDPA_Sub2	20.87	33	PASS
Band II	9400	HSDPA_Sub3	21.41	33	PASS
Band II	9538	HSDPA_Sub0	21.41	33	PASS
Band II	9538	HSDPA_Sub1	20.97	33	PASS
Band II	9538	HSDPA_Sub2	20.88	33	PASS
Band II	9538	HSDPA_Sub3	20.82	33	PASS
Band V	4132	HSDPA_Sub0	20.53	38.5	PASS
Band V	4132	HSDPA_Sub1	20.40	38.5	PASS
Band V	4132	HSDPA_Sub2	20.57	38.5	PASS
Band V	4132	HSDPA_Sub3	19.77	38.5	PASS
Band V	4182	HSDPA_Sub0	19.22	38.5	PASS
Band V	4182	HSDPA_Sub1	18.67	38.5	PASS
Band V	4182	HSDPA_Sub2	18.74	38.5	PASS
Band V	4182	HSDPA_Sub3	18.36	38.5	PASS
Band V	4233	HSDPA_Sub0	20.40	38.5	PASS
Band V	4233	HSDPA_Sub1	19.89	38.5	PASS
Band V	4233	HSDPA_Sub2	19.98	38.5	PASS
Band V	4233	HSDPA_Sub3	19.33	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSUPA_Sub1	20.90	33	PASS
Band II	9262	HSUPA_Sub2	20.36	33	PASS
Band II	9262	HSUPA_Sub3	20.07	33	PASS

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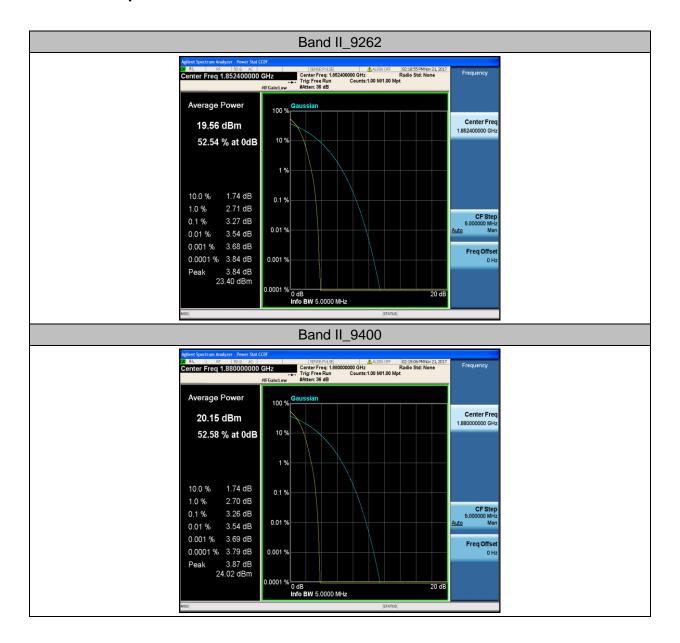
Band II	9262	HSUPA_Sub4	21.33	33	PASS
Band II	9262	HSUPA_Sub5	19.81	33	PASS
Band II	9400	HSUPA_Sub1	20.46	33	PASS
Band II	9400	HSUPA_Sub2	20.32	33	PASS
Band II	9400	HSUPA_Sub3	20.05	33	PASS
Band II	9400	HSUPA_Sub4	20.82	33	PASS
Band II	9400	HSUPA_Sub5	19.69	33	PASS
Band II	9538	HSUPA_Sub1	20.01	33	PASS
Band II	9538	HSUPA_Sub2	20.02	33	PASS
Band II	9538	HSUPA_Sub3	20.60	33	PASS
Band II	9538	HSUPA_Sub4	20.38	33	PASS
Band II	9538	HSUPA_Sub5	19.48	33	PASS
Band V	4132	HSUPA_Sub1	20.27	38.5	PASS
Band V	4132	HSUPA_Sub2	20.30	38.5	PASS
Band V	4132	HSUPA_Sub3	21.37	38.5	PASS
Band V	4132	HSUPA_Sub4	19.93	38.5	PASS
Band V	4132	HSUPA_Sub5	19.49	38.5	PASS
Band V	4182	HSUPA_Sub1	20.28	38.5	PASS
Band V	4182	HSUPA_Sub2	20.34	38.5	PASS
Band V	4182	HSUPA_Sub3	21.35	38.5	PASS
Band V	4182	HSUPA_Sub4	19.82	38.5	PASS
Band V	4182	HSUPA_Sub5	19.43	38.5	PASS
Band V	4233	HSUPA_Sub1	20.52	38.5	PASS
Band V	4233	HSUPA_Sub2	20.51	38.5	PASS
Band V	4233	HSUPA_Sub3	21.59	38.5	PASS
Band V	4233	HSUPA_Sub4	20.03	38.5	PASS
Band V	4233	HSUPA_Sub5	19.57	38.5	PASS

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# Appendix B: Peak-to-Average Ratio

### **Test Result**

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	3.27	13	PASS
Band II	9400	3.26	13	PASS
Band II	9538	3.19	13	PASS
Band V	4132	3.07	13	PASS
Band V	4182	2.53	13	PASS
Band V	4233	3.07	13	PASS



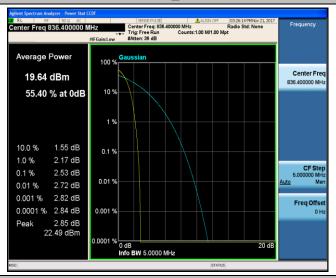
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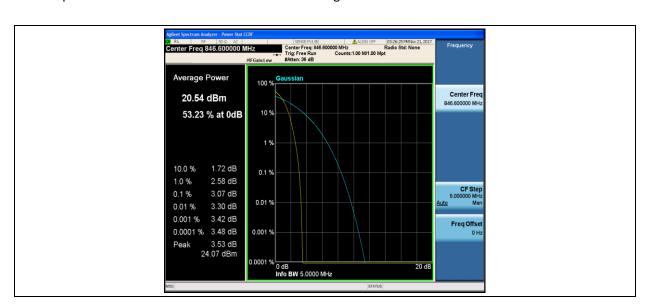
### Band V\_4132





Band V 4233

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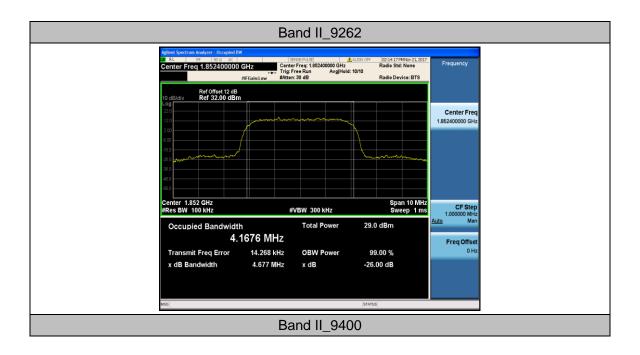


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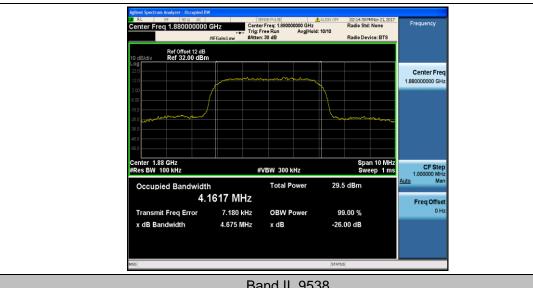
# Appendix C: 26dB Bandwidth and Occupied Bandwidth

### **Test Result**

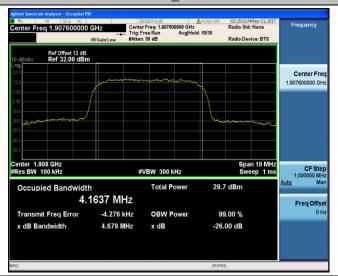
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4167.6	4677		PASS
Band II	9400	4161.7	4675		PASS
Band II	9538	4163.7	4679		PASS
Band V	4132	4169.6	4675		PASS
Band V	4182	4165.2	4701		PASS
Band V	4233	4158.4	4673		PASS



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#### Band II\_9538





Band V\_4182

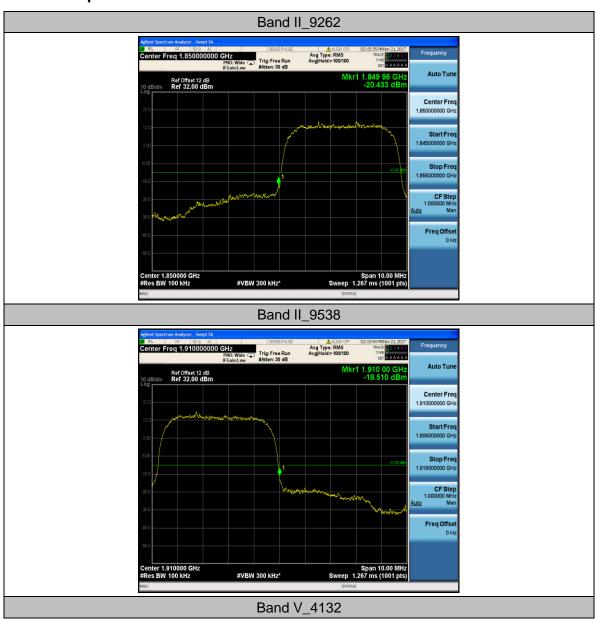


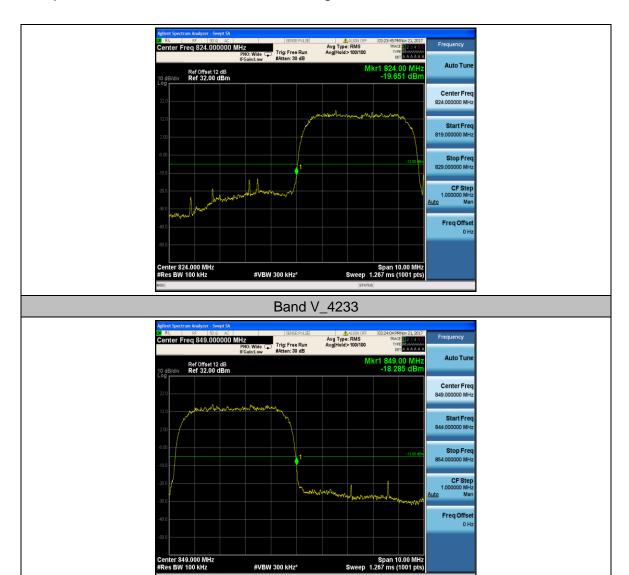
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# Appendix D: Band Edge

### **Test Result**

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-20.43	-13	PASS
Band II	9538	-19.51	-13	PASS
Band V	4132	-19.65	-13	PASS
Band V	4233	-18.29	-13	PASS



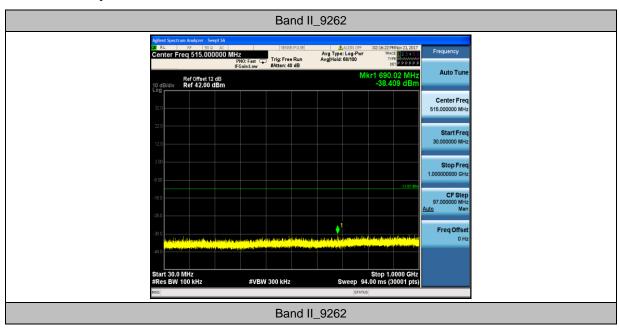


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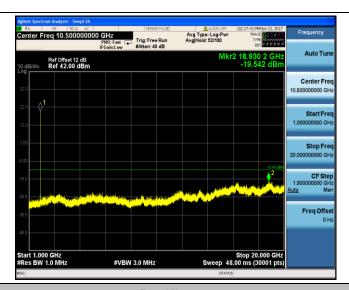
# **Appendix E: Conducted Spurious Emission**

## **Test Result**

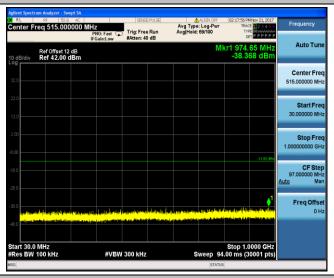
Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	30~1000	-38.41	-13	PASS
Band II	9262	1000~20000	-19.54	-13	PASS
Band II	9400	30~1000	-38.37	-13	PASS
Band II	9400	1000~20000	-19.66	-13	PASS
Band II	9538	30~1000	-39.08	-13	PASS
Band II	9538	1000~20000	-19.79	-13	PASS
Band V	4132	30~1000	-37.79	-13	PASS
Band V	4132	1000~20000	-19.70	-13	PASS
Band V	4182	30~1000	-37.92	-13	PASS
Band V	4182	1000~20000	-19.72	-13	PASS
Band V	4233	30~1000	-38.35	-13	PASS
Band V	4233	1000~20000	-19.71	-13	PASS



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#### Band II\_9400

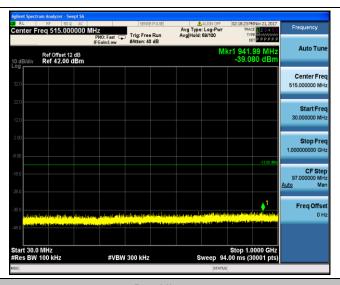


#### Band II\_9400



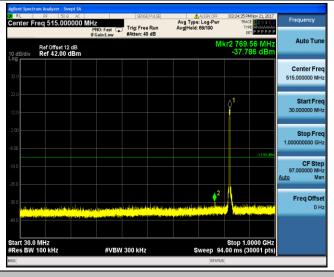
Band II\_9538

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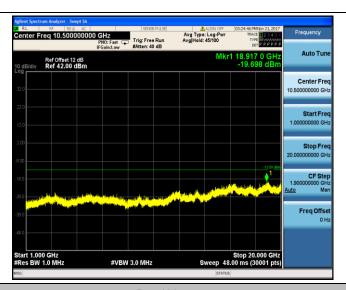
#### Band II\_9538



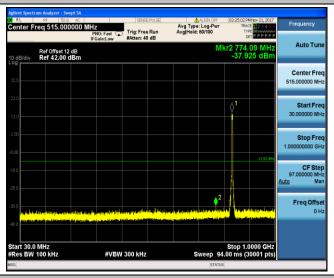


Band V\_4132

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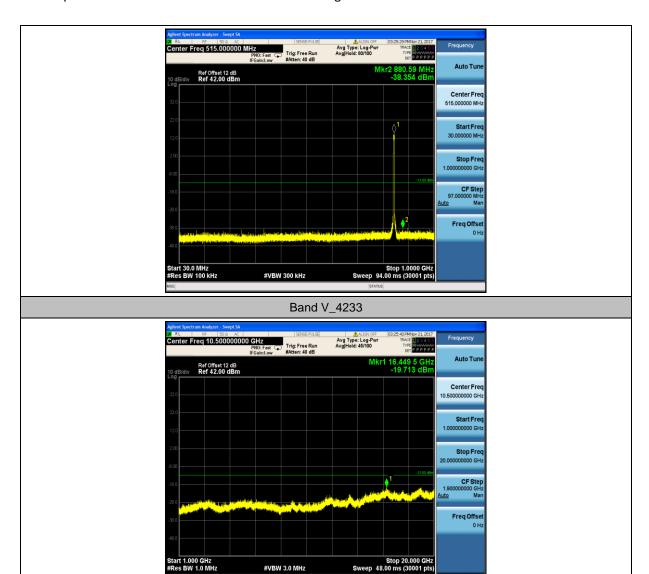


#### Band V\_4182





Band V\_4233



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# Appendix F: Frequency Stability

# **Test Result**

	Voltage								
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band II	9262	VL	NT	4.20	0.002265	2.5	PASS		
Band II	9262	VN	NT	0.24	0.000132	2.5	PASS		
Band II	9262	VH	NT	1.30	0.000700	2.5	PASS		
Band II	9400	VL	NT	-2.50	-0.001331	2.5	PASS		
Band II	9400	VN	NT	-3.89	-0.002070	2.5	PASS		
Band II	9400	VH	NT	-3.20	-0.003831	2.5	PASS		
Band II	9538	VL	NT	-17.07	-0.008951	2.5	PASS		
Band II	9538	VN	NT	-12.53	-0.006567	2.5	PASS		
Band II	9538	VH	NT	-12.57	-0.006591	2.5	PASS		
Band V	4132	VL	NT	-1.85	-0.002234	2.5	PASS		
Band V	4132	VN	NT	-3.27	-0.003951	2.5	PASS		
Band V	4132	VH	NT	-1.33	-0.001606	2.5	PASS		
Band V	4182	VL	NT	-3.80	-0.004543	2.5	PASS		
Band V	4182	VN	NT	-5.13	-0.006130	2.5	PASS		
Band V	4182	VH	NT	-3.20	-0.003831	2.5	PASS		
Band V	4233	VL	NT	-8.47	-0.010003	2.5	PASS		
Band V	4233	VN	NT	-8.74	-0.010328	2.5	PASS		
Band V	4233	VH	NT	-8.38	-0.009895	2.5	PASS		

Temperature									
Band	Channel	Voltage (Vdc)	Temperatur e (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band II	9262	NV	-30	5.71	0.003081	2.5	PASS		
Band II	9262	NV	-20	4.82	0.002603	2.5	PASS		
Band II	9262	NV	-10	7.10	0.003830	2.5	PASS		
Band II	9262	NV	0	4.12	0.002224	2.5	PASS		
Band II	9262	NV	10	6.38	0.003443	2.5	PASS		
Band II	9262	NV	20	7.11	0.003839	2.5	PASS		
Band II	9262	NV	30	4.58	0.002471	2.5	PASS		
Band II	9262	NV	40	5.80	0.003130	2.5	PASS		
Band II	9262	NV	50	4.32	0.002331	2.5	PASS		
Band II	9400	NV	-30	-0.72	-0.000381	2.5	PASS		
Band II	9400	NV	-20	-5.07	-0.002695	2.5	PASS		
Band II	9400	NV	-10	-5.04	-0.002678	2.5	PASS		
Band II	9400	NV	0	-4.99	-0.002654	2.5	PASS		
Band II	9400	NV	10	-2.43	-0.001291	2.5	PASS		
Band II	9400	NV	20	-5.49	-0.002922	2.5	PASS		
Band II	9400	NV	30	-6.03	-0.003206	2.5	PASS		
Band II	9400	NV	40	-6.73	-0.003579	2.5	PASS		
Band II	9400	NV	50	-3.52	-0.001875	2.5	PASS		
Band II	9538	NV	-30	-17.33	-0.009087	2.5	PASS		

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Band II	9538	NV	-20	-12.76	-0.006687	2.5	PASS
Band II	9538	NV	-10	-15.06	-0.007895	2.5	PASS
Band II	9538	NV	0	-9.25	-0.004847	2.5	PASS
Band II	9538	NV	10	-13.24	-0.006943	2.5	PASS
Band II	9538	NV	20	-11.54	-0.006047	2.5	PASS
Band II	9538	NV	30	-15.12	-0.007927	2.5	PASS
Band II	9538	NV	40	-15.61	-0.008183	2.5	PASS
Band II	9538	NV	50	-10.21	-0.005351	2.5	PASS
Band V	4132	NV	-30	1.04	0.001256	2.5	PASS
Band V	4132	NV	-20	-1.92	-0.002326	2.5	PASS
Band V	4132	NV	-10	2.01	0.002437	2.5	PASS
Band V	4132	NV	0	0.84	0.001016	2.5	PASS
Band V	4132	NV	10	0.93	0.001126	2.5	PASS
Band V	4132	NV	20	-1.69	-0.002050	2.5	PASS
Band V	4132	NV	30	-0.64	-0.000775	2.5	PASS
Band V	4132	NV	40	-1.48	-0.001791	2.5	PASS
Band V	4132	NV	50	1.19	0.001440	2.5	PASS
Band V	4182	NV	-30	-5.84	-0.006987	2.5	PASS
Band V	4182	NV	-20	-5.54	-0.006622	2.5	PASS
Band V	4182	NV	-10	-5.14	-0.006148	2.5	PASS
Band V	4182	NV	0	-7.14	-0.008538	2.5	PASS
Band V	4182	NV	10	-2.98	-0.003557	2.5	PASS
Band V	4182	NV	20	-4.18	-0.004999	2.5	PASS
Band V	4182	NV	30	-7.42	-0.008866	2.5	PASS
Band V	4182	NV	40	-8.41	-0.010052	2.5	PASS
Band V	4182	NV	50	-4.87	-0.005820	2.5	PASS
Band V	4233	NV	-30	-12.77	-0.015086	2.5	PASS
Band V	4233	NV	-20	-7.80	-0.009210	2.5	PASS
Band V	4233	NV	-10	-8.56	-0.010111	2.5	PASS
Band V	4233	NV	0	-13.06	-0.015428	2.5	PASS
Band V	4233	NV	10	-11.54	-0.013626	2.5	PASS
Band V	4233	NV	20	-7.08	-0.008363	2.5	PASS
Band V	4233	NV	30	-11.22	-0.013247	2.5	PASS
Band V	4233	NV	40	-8.79	-0.010382	2.5	PASS
Band V	4233	NV	50	-7.93	-0.009372	2.5	PASS
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