

## Appendix A: Conducted Output Power

### Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	23.72	33	PASS
Band II	9400	24.17	33	PASS
Band II	9538	23.88	33	PASS
Band V	4132	21.40	38.5	PASS
Band V	4182	21.11	38.5	PASS
Band V	4233	21.41	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSDPA_Sub0	22.79	33	PASS
Band II	9262	HSDPA_Sub1	22.07	33	PASS
Band II	9262	HSDPA_Sub2	22.23	33	PASS
Band II	9262	HSDPA_Sub3	21.99	33	PASS
Band II	9400	HSDPA_Sub0	23.22	33	PASS
Band II	9400	HSDPA_Sub1	22.40	33	PASS
Band II	9400	HSDPA_Sub2	22.42	33	PASS
Band II	9400	HSDPA_Sub3	22.33	33	PASS
Band II	9538	HSDPA_Sub0	22.87	33	PASS
Band II	9538	HSDPA_Sub1	22.03	33	PASS
Band II	9538	HSDPA_Sub2	22.04	33	PASS
Band II	9538	HSDPA_Sub3	21.97	33	PASS
Band V	4132	HSDPA_Sub0	20.38	38.5	PASS
Band V	4132	HSDPA_Sub1	19.64	38.5	PASS
Band V	4132	HSDPA_Sub2	19.71	38.5	PASS
Band V	4132	HSDPA_Sub3	19.77	38.5	PASS
Band V	4182	HSDPA_Sub0	20.29	38.5	PASS
Band V	4182	HSDPA_Sub1	19.59	38.5	PASS
Band V	4182	HSDPA_Sub2	19.57	38.5	PASS
Band V	4182	HSDPA_Sub3	19.57	38.5	PASS
Band V	4233	HSDPA_Sub0	20.43	38.5	PASS
Band V	4233	HSDPA_Sub1	19.77	38.5	PASS
Band V	4233	HSDPA_Sub2	19.70	38.5	PASS
Band V	4233	HSDPA_Sub3	19.72	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSUPA_Sub1	20.55	33	PASS
Band II	9262	HSUPA_Sub2	20.76	33	PASS
Band II	9262	HSUPA_Sub3	21.56	33	PASS

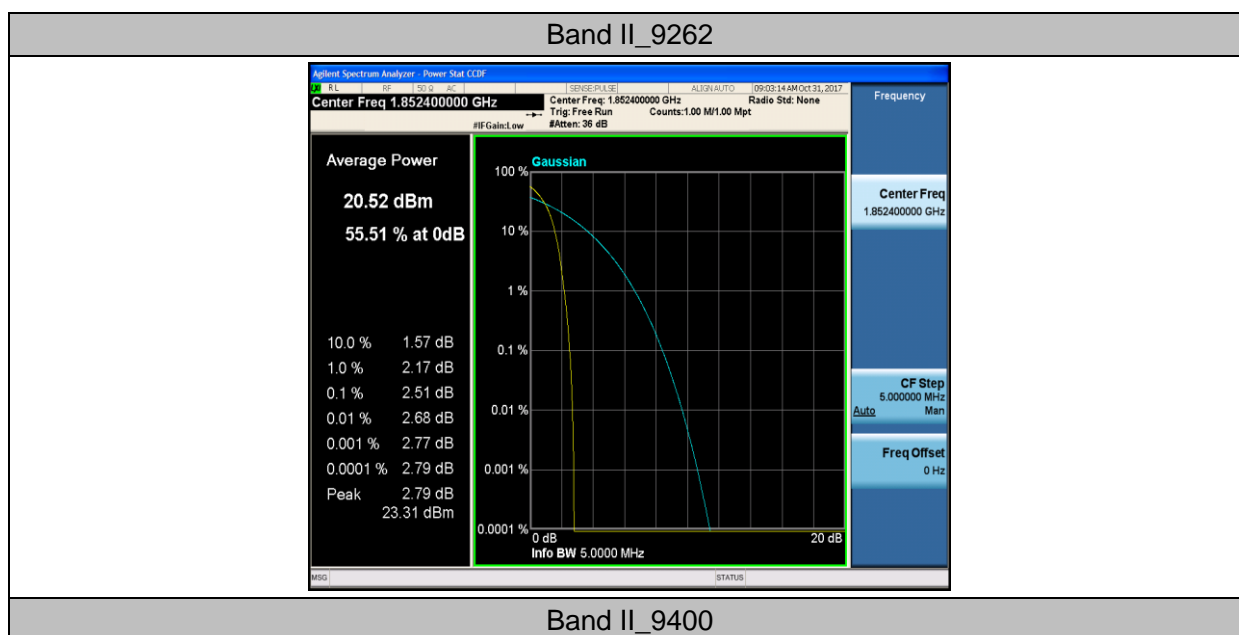
Band II	9262	HSUPA_Sub4	20.28	33	PASS
Band II	9262	HSUPA_Sub5	19.74	33	PASS
Band II	9400	HSUPA_Sub1	20.93	33	PASS
Band II	9400	HSUPA_Sub2	21.20	33	PASS
Band II	9400	HSUPA_Sub3	21.99	33	PASS
Band II	9400	HSUPA_Sub4	20.47	33	PASS
Band II	9400	HSUPA_Sub5	20.26	33	PASS
Band II	9538	HSUPA_Sub1	20.58	33	PASS
Band II	9538	HSUPA_Sub2	20.96	33	PASS
Band II	9538	HSUPA_Sub3	21.64	33	PASS
Band II	9538	HSUPA_Sub4	20.37	33	PASS
Band II	9538	HSUPA_Sub5	19.91	33	PASS
Band V	4132	HSUPA_Sub1	18.14	38.5	PASS
Band V	4132	HSUPA_Sub2	18.03	38.5	PASS
Band V	4132	HSUPA_Sub3	19.11	38.5	PASS
Band V	4132	HSUPA_Sub4	17.52	38.5	PASS
Band V	4132	HSUPA_Sub5	18.33	38.5	PASS
Band V	4182	HSUPA_Sub1	18.03	38.5	PASS
Band V	4182	HSUPA_Sub2	17.96	38.5	PASS
Band V	4182	HSUPA_Sub3	19.01	38.5	PASS
Band V	4182	HSUPA_Sub4	17.45	38.5	PASS
Band V	4182	HSUPA_Sub5	18.20	38.5	PASS
Band V	4233	HSUPA_Sub1	18.23	38.5	PASS
Band V	4233	HSUPA_Sub2	18.16	38.5	PASS
Band V	4233	HSUPA_Sub3	19.17	38.5	PASS
Band V	4233	HSUPA_Sub4	17.63	38.5	PASS
Band V	4233	HSUPA_Sub5	18.56	38.5	PASS

## Appendix B: Peak-to-Average Ratio

### Test Result

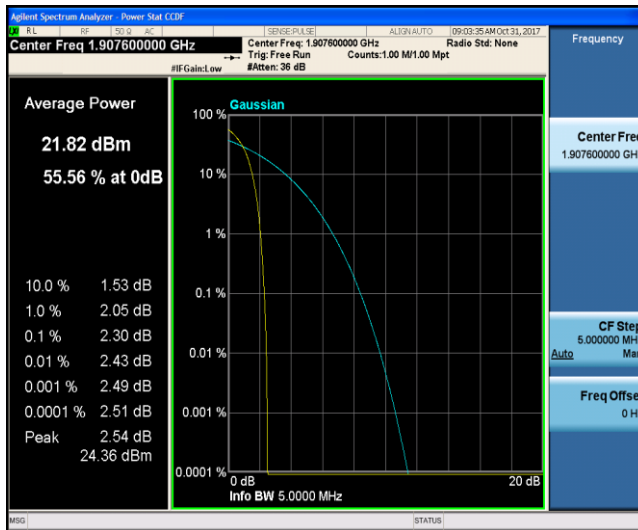
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	2.51	13	PASS
Band II	9400	2.33	13	PASS
Band II	9538	2.30	13	PASS
Band V	4132	2.77	13	PASS
Band V	4182	2.79	13	PASS
Band V	4233	2.85	13	PASS

### Test Graphs

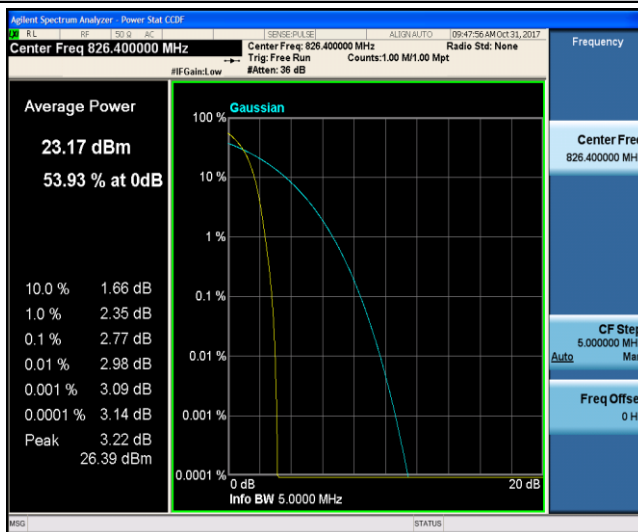




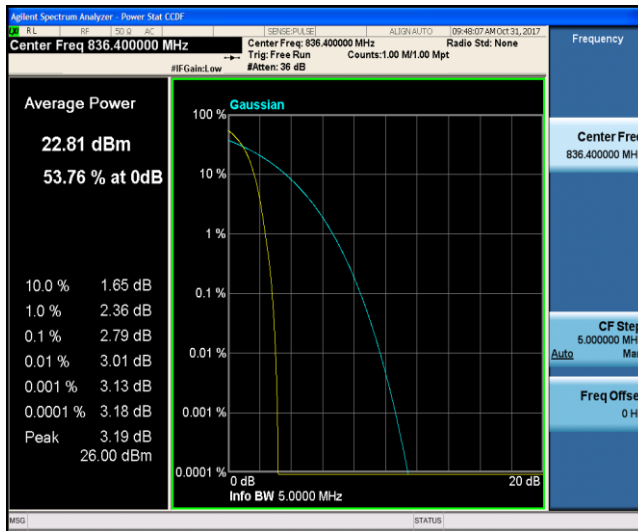
Band II\_9538



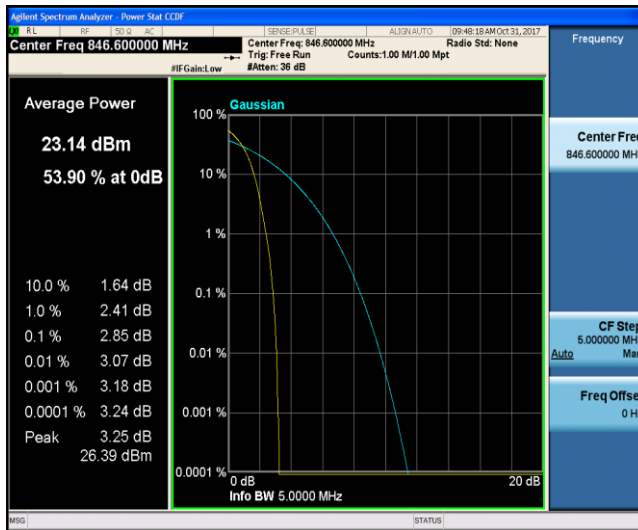
Band V\_4132



Band V\_4182



Band V\_4233

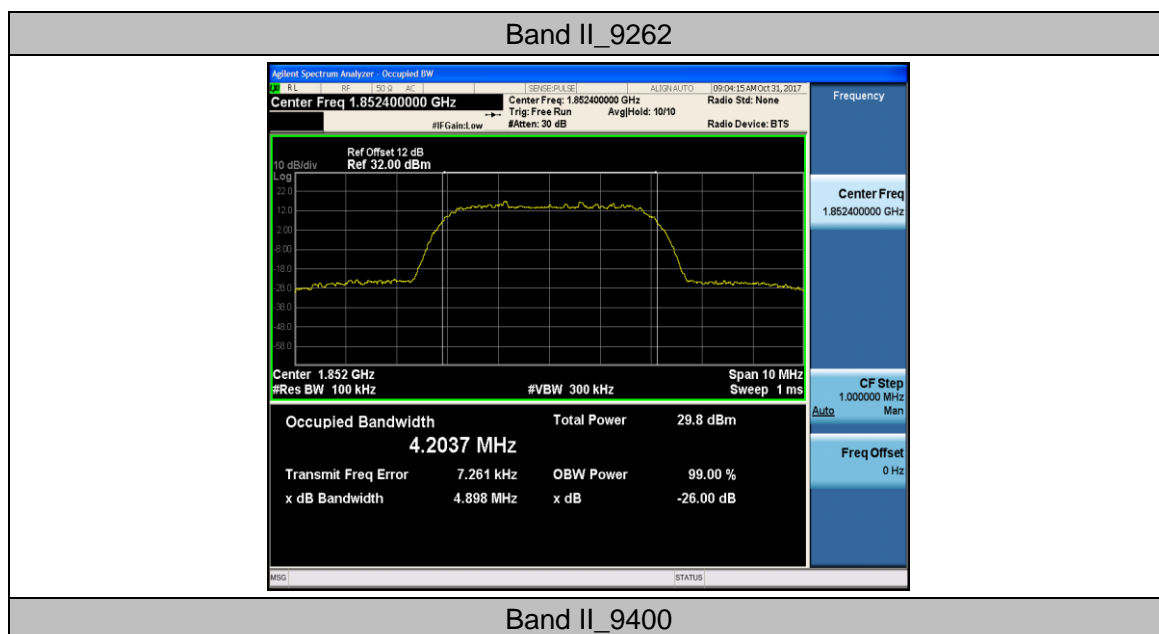


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4203.7	4898	---	PASS
Band II	9400	4246.0	4903	---	PASS
Band II	9538	4222.6	4922	---	PASS
Band V	4132	4220.3	4894	---	PASS
Band V	4182	4217.2	4891	---	PASS
Band V	4233	4204.5	4879	---	PASS

### Test Graphs

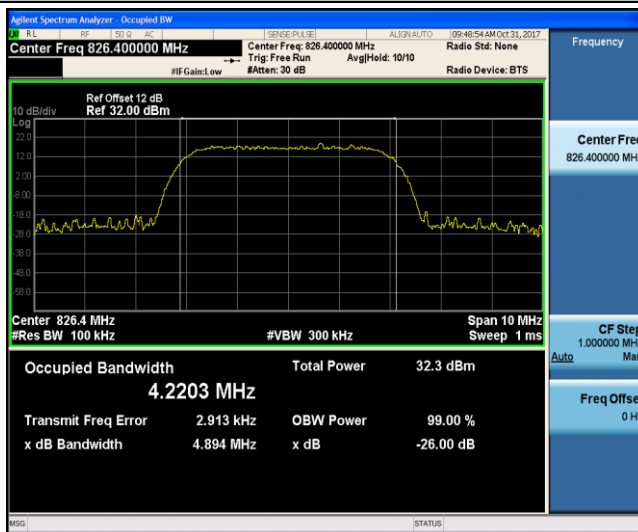




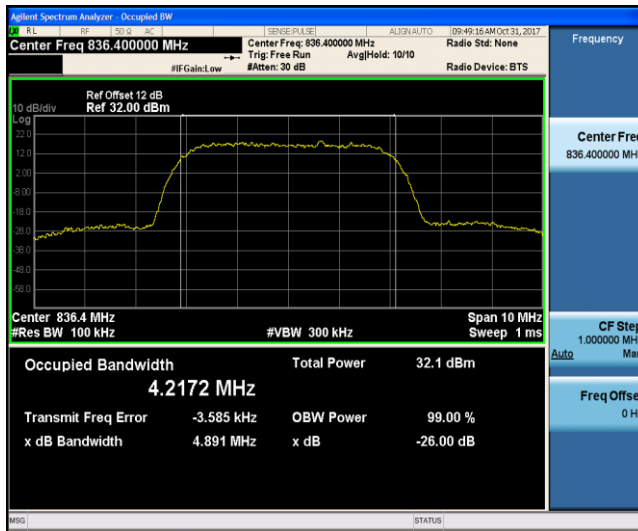
Band II\_9538



Band V\_4132



Band V\_4182



Band V\_4233



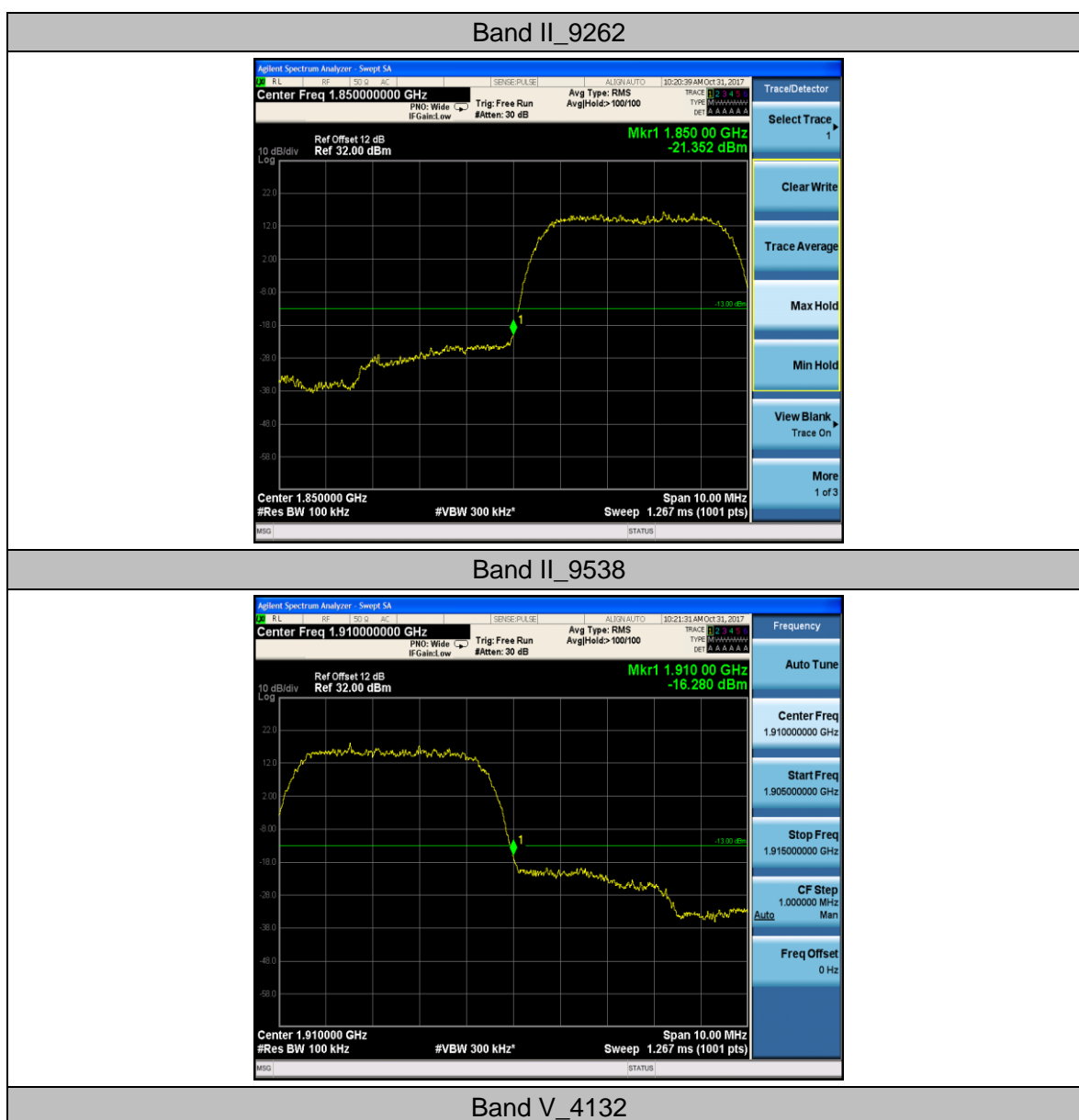


## Appendix D: Band Edge

### Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-21.35	-13	PASS
Band II	9538	-16.75	-13	PASS
Band V	4132	-22.50	-13	PASS
Band V	4233	-21.84	-13	PASS

### Test Graphs





Band V\_4233

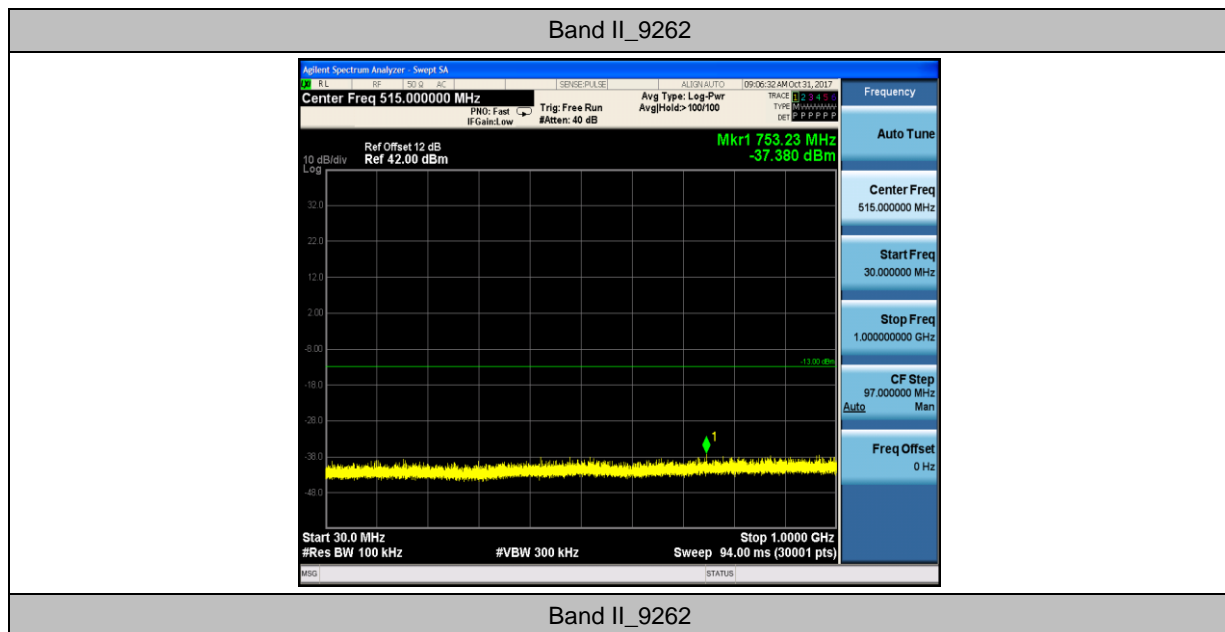


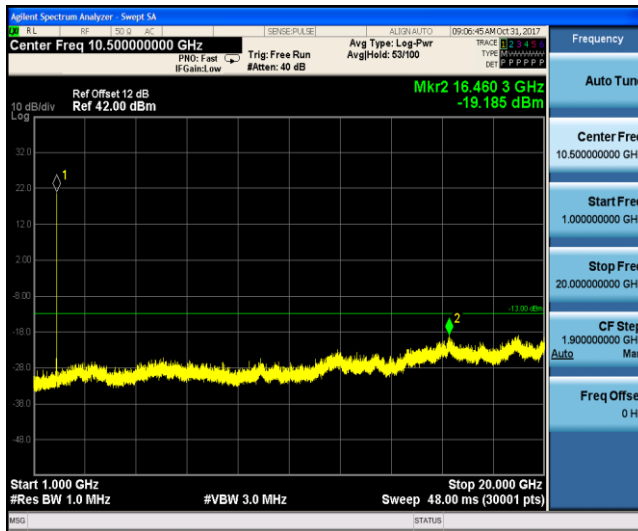
## Appendix E: Conducted Spurious Emission

### Test Result

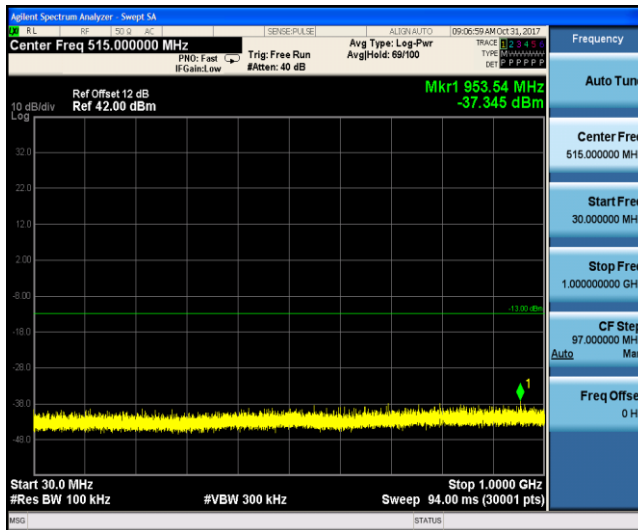
Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	30~1000	-37.38	-13	PASS
Band II	9262	1000~20000	-19.18	-13	PASS
Band II	9400	30~1000	-37.35	-13	PASS
Band II	9400	1000~20000	-18.43	-13	PASS
Band II	9538	30~1000	-37.52	-13	PASS
Band II	9538	1000~20000	-18.75	-13	PASS
Band V	4132	30~1000	-37.32	-13	PASS
Band V	4132	1000~20000	-19.17	-13	PASS
Band V	4182	30~1000	-38.21	-13	PASS
Band V	4182	1000~20000	-17.75	-13	PASS
Band V	4233	30~1000	-37.11	-13	PASS
Band V	4233	1000~20000	-18.74	-13	PASS

### Test Graphs

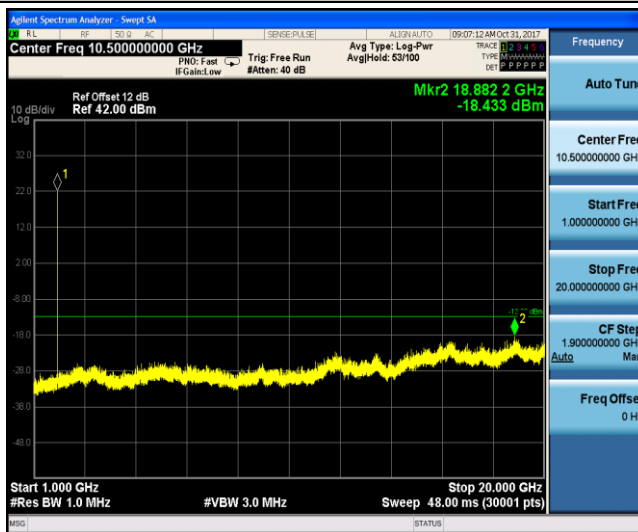




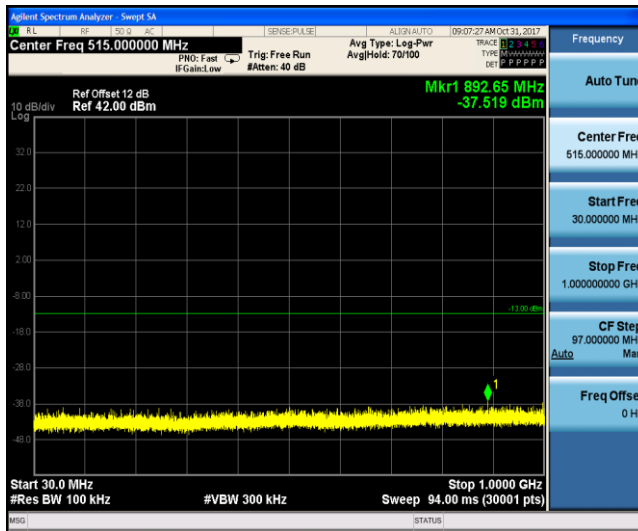
Band II\_9400



Band II\_9400



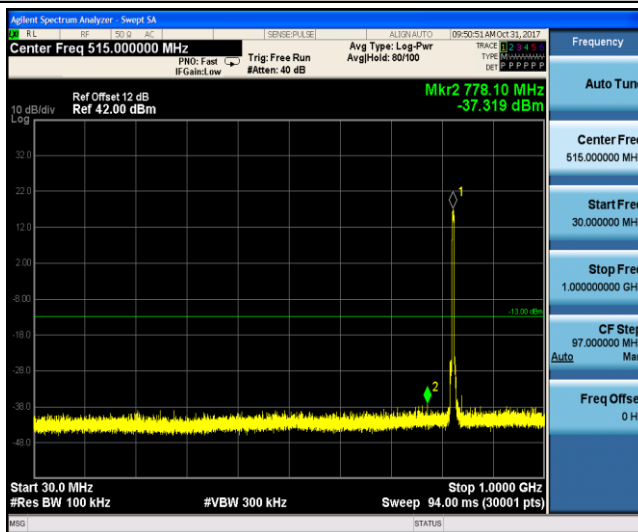
Band II\_9538



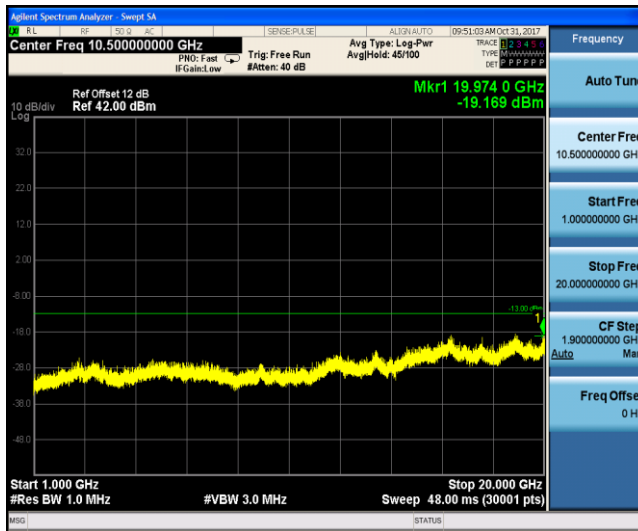
Band II\_9538



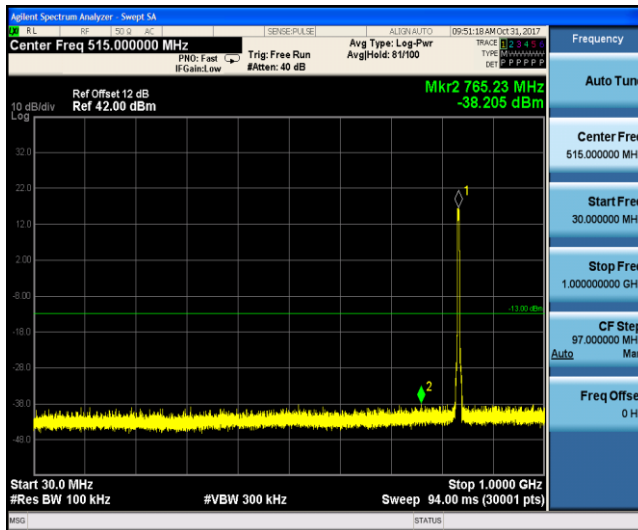
Band V\_4132



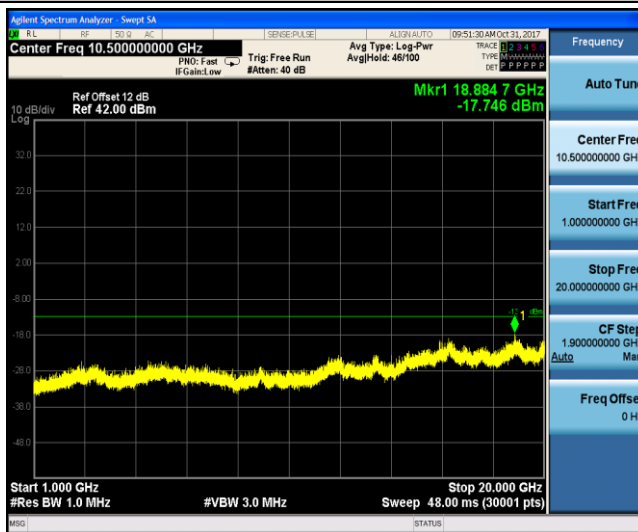
Band V\_4132



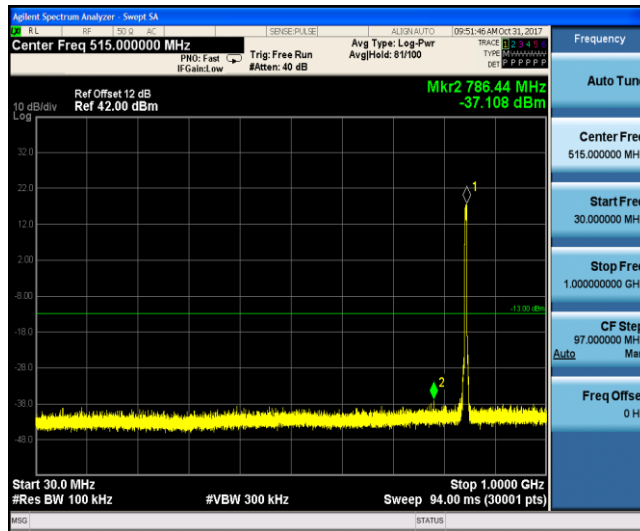
Band V\_4182



Band V\_4182



Band V\_4233



Band V\_4233



## 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	20.37	0.010997	2.5	PASS
Band II	9262	VN	NT	14.88	0.008031	2.5	PASS
Band II	9262	VH	NT	18.88	0.010190	2.5	PASS
Band II	9400	VL	NT	18.60	0.009894	2.5	PASS
Band II	9400	VN	NT	15.55	0.008271	2.5	PASS
Band II	9400	VH	NT	19.10	0.010162	2.5	PASS
Band II	9538	VL	NT	32.79	0.017190	2.5	PASS
Band II	9538	VN	NT	30.04	0.015750	2.5	PASS
Band II	9538	VH	NT	24.09	0.012630	2.5	PASS
Band V	4132	VL	NT	4.26	0.005152	2.5	PASS
Band V	4132	VN	NT	-0.05	-0.000055	2.5	PASS
Band V	4132	VH	NT	2.94	0.003564	2.5	PASS
Band V	4182	VL	NT	0.40	0.000474	2.5	PASS
Band V	4182	VN	NT	0.14	0.000164	2.5	PASS
Band V	4182	VH	NT	-3.59	-0.004287	2.5	PASS
Band V	4233	VL	NT	9.90	0.011697	2.5	PASS
Band V	4233	VN	NT	4.44	0.005245	2.5	PASS
Band V	4233	VH	NT	5.84	0.006903	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	NV	-30	14.74	0.007957	2.5	PASS
Band II	9262	NV	-20	18.88	0.010190	2.5	PASS
Band II	9262	NV	-10	16.34	0.008822	2.5	PASS
Band II	9262	NV	0	11.03	0.005956	2.5	PASS
Band II	9262	NV	10	14.92	0.008056	2.5	PASS
Band II	9262	NV	20	17.84	0.009629	2.5	PASS
Band II	9262	NV	30	9.93	0.005362	2.5	PASS
Band II	9262	NV	40	11.49	0.006203	2.5	PASS
Band II	9262	NV	50	14.97	0.008081	2.5	PASS
Band II	9400	NV	-30	8.47	0.004505	2.5	PASS
Band II	9400	NV	-20	16.66	0.008863	2.5	PASS
Band II	9400	NV	-10	17.06	0.009074	2.5	PASS
Band II	9400	NV	0	14.21	0.007556	2.5	PASS
Band II	9400	NV	10	14.63	0.007784	2.5	PASS
Band II	9400	NV	20	16.11	0.008571	2.5	PASS
Band II	9400	NV	30	8.19	0.004358	2.5	PASS
Band II	9400	NV	40	10.21	0.005430	2.5	PASS
Band II	9400	NV	50	10.18	0.005414	2.5	PASS
Band II	9538	NV	-30	20.42	0.010703	2.5	PASS



Band II	9538	NV	-20	23.50	0.012318	2.5	PASS
Band II	9538	NV	-10	21.67	0.011359	2.5	PASS
Band II	9538	NV	0	21.85	0.011454	2.5	PASS
Band II	9538	NV	10	17.99	0.009431	2.5	PASS
Band II	9538	NV	20	17.18	0.009007	2.5	PASS
Band II	9538	NV	30	24.37	0.012774	2.5	PASS
Band II	9538	NV	40	20.92	0.010967	2.5	PASS
Band II	9538	NV	50	15.47	0.008111	2.5	PASS
Band V	4132	NV	-30	0.82	0.000997	2.5	PASS
Band V	4132	NV	-20	1.31	0.001588	2.5	PASS
Band V	4132	NV	-10	1.14	0.001385	2.5	PASS
Band V	4132	NV	0	-0.31	-0.000369	2.5	PASS
Band V	4132	NV	10	-1.36	-0.001643	2.5	PASS
Band V	4132	NV	20	-4.09	-0.004948	2.5	PASS
Band V	4132	NV	30	-2.40	-0.002899	2.5	PASS
Band V	4132	NV	40	-1.46	-0.001773	2.5	PASS
Band V	4132	NV	50	1.31	0.001588	2.5	PASS
Band V	4182	NV	-30	-5.81	-0.006951	2.5	PASS
Band V	4182	NV	-20	-3.77	-0.004506	2.5	PASS
Band V	4182	NV	-10	-3.91	-0.004670	2.5	PASS
Band V	4182	NV	0	-3.16	-0.003776	2.5	PASS
Band V	4182	NV	10	-6.21	-0.007425	2.5	PASS
Band V	4182	NV	20	-2.61	-0.003120	2.5	PASS
Band V	4182	NV	30	-1.28	-0.001532	2.5	PASS
Band V	4182	NV	40	-4.55	-0.005437	2.5	PASS
Band V	4182	NV	50	-3.37	-0.004032	2.5	PASS
Band V	4233	NV	-30	2.56	0.003028	2.5	PASS
Band V	4233	NV	-20	3.17	0.003749	2.5	PASS
Band V	4233	NV	-10	-0.60	-0.000703	2.5	PASS
Band V	4233	NV	0	0.14	0.000162	2.5	PASS
Band V	4233	NV	10	-1.21	-0.001424	2.5	PASS
Band V	4233	NV	20	4.65	0.005497	2.5	PASS
Band V	4233	NV	30	-2.98	-0.003515	2.5	PASS
Band V	4233	NV	40	-3.98	-0.004704	2.5	PASS
Band V	4233	NV	50	1.19	0.001406	2.5	PASS