

## Appendix A: Conducted Output Power

### Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	23.28	33	PASS
Band II	9400	23.06	33	PASS
Band II	9538	22.89	33	PASS
Band V	4132	21.04	38.5	PASS
Band V	4182	21.01	38.5	PASS
Band V	4233	20.84	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSDPA_Sub0	23.22	33	PASS
Band II	9262	HSDPA_Sub1	23.54	33	PASS
Band II	9262	HSDPA_Sub2	23.35	33	PASS
Band II	9262	HSDPA_Sub3	23.01	33	PASS
Band II	9400	HSDPA_Sub0	23.09	33	PASS
Band II	9400	HSDPA_Sub1	23.41	33	PASS
Band II	9400	HSDPA_Sub2	23.22	33	PASS
Band II	9400	HSDPA_Sub3	22.89	33	PASS
Band II	9538	HSDPA_Sub0	23.09	33	PASS
Band II	9538	HSDPA_Sub1	23.41	33	PASS
Band II	9538	HSDPA_Sub2	23.22	33	PASS
Band II	9538	HSDPA_Sub3	22.89	33	PASS
Band V	4132	HSDPA_Sub0	20.78	38.5	PASS
Band V	4132	HSDPA_Sub1	20.50	38.5	PASS
Band V	4132	HSDPA_Sub2	20.22	38.5	PASS
Band V	4132	HSDPA_Sub3	19.95	38.5	PASS
Band V	4182	HSDPA_Sub0	20.75	38.5	PASS
Band V	4182	HSDPA_Sub1	20.47	38.5	PASS
Band V	4182	HSDPA_Sub2	20.19	38.5	PASS
Band V	4182	HSDPA_Sub3	19.92	38.5	PASS
Band V	4233	HSDPA_Sub0	20.75	38.5	PASS
Band V	4233	HSDPA_Sub1	20.47	38.5	PASS
Band V	4233	HSDPA_Sub2	20.19	38.5	PASS
Band V	4233	HSDPA_Sub3	19.92	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSUPA_Sub1	22.05	33	PASS
Band II	9262	HSUPA_Sub2	21.96	33	PASS
Band II	9262	HSUPA_Sub3	21.92	33	PASS

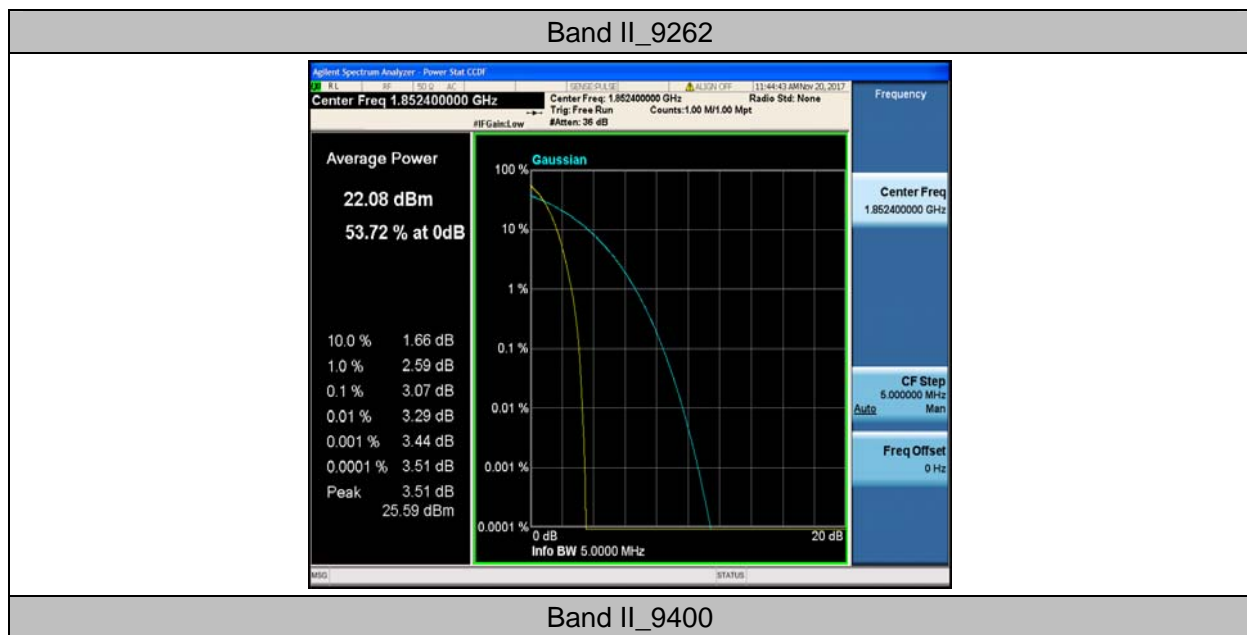
Band II	9262	HSUPA_Sub4	20.48	33	PASS
Band II	9262	HSUPA_Sub5	18.99	33	PASS
Band II	9400	HSUPA_Sub1	21.93	33	PASS
Band II	9400	HSUPA_Sub2	21.84	33	PASS
Band II	9400	HSUPA_Sub3	21.80	33	PASS
Band II	9400	HSUPA_Sub4	20.37	33	PASS
Band II	9400	HSUPA_Sub5	18.89	33	PASS
Band II	9538	HSUPA_Sub1	21.93	33	PASS
Band II	9538	HSUPA_Sub2	21.84	33	PASS
Band II	9538	HSUPA_Sub3	21.80	33	PASS
Band II	9538	HSUPA_Sub4	20.37	33	PASS
Band II	9538	HSUPA_Sub5	18.89	33	PASS
Band V	4132	HSUPA_Sub1	20.24	38.5	PASS
Band V	4132	HSUPA_Sub2	20.13	38.5	PASS
Band V	4132	HSUPA_Sub3	20.02	38.5	PASS
Band V	4132	HSUPA_Sub4	19.89	38.5	PASS
Band V	4132	HSUPA_Sub5	19.33	38.5	PASS
Band V	4182	HSUPA_Sub1	20.24	38.5	PASS
Band V	4182	HSUPA_Sub2	20.13	38.5	PASS
Band V	4182	HSUPA_Sub3	20.02	38.5	PASS
Band V	4182	HSUPA_Sub4	19.89	38.5	PASS
Band V	4182	HSUPA_Sub5	19.33	38.5	PASS
Band V	4233	HSUPA_Sub1	20.13	38.5	PASS
Band V	4233	HSUPA_Sub2	20.02	38.5	PASS
Band V	4233	HSUPA_Sub3	19.91	38.5	PASS
Band V	4233	HSUPA_Sub4	19.78	38.5	PASS
Band V	4233	HSUPA_Sub5	19.22	38.5	PASS

## Appendix B: Peak-to-Average Ratio

### Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	3.07	13	PASS
Band II	9400	3.13	13	PASS
Band II	9538	3.07	13	PASS
Band V	4132	3.14	13	PASS
Band V	4182	3.14	13	PASS
Band V	4233	3.12	13	PASS

### Test Graphs





Band II\_9538



Band V\_4132



Band V\_4182



Band V\_4233

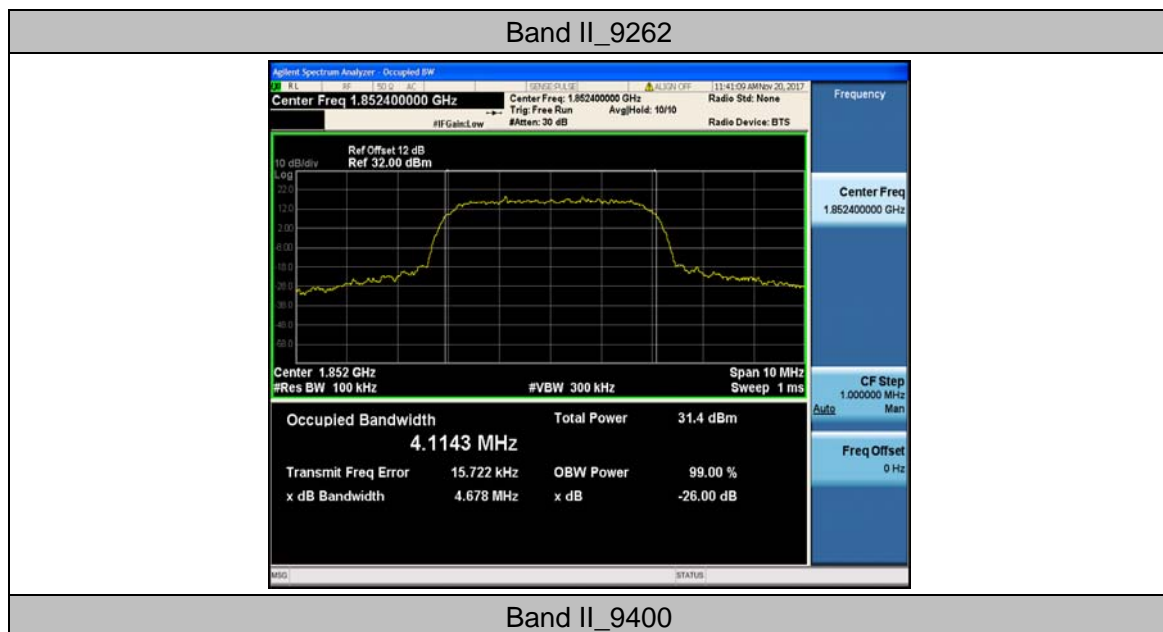


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4114.3	4678	---	PASS
Band II	9400	4104.0	4673	---	PASS
Band II	9538	4120.1	4676	---	PASS
Band V	4132	4110.6	4678	---	PASS
Band V	4182	4106.1	4692	---	PASS
Band V	4233	4107.6	4688	---	PASS

### Test Graphs





Band II\_9538



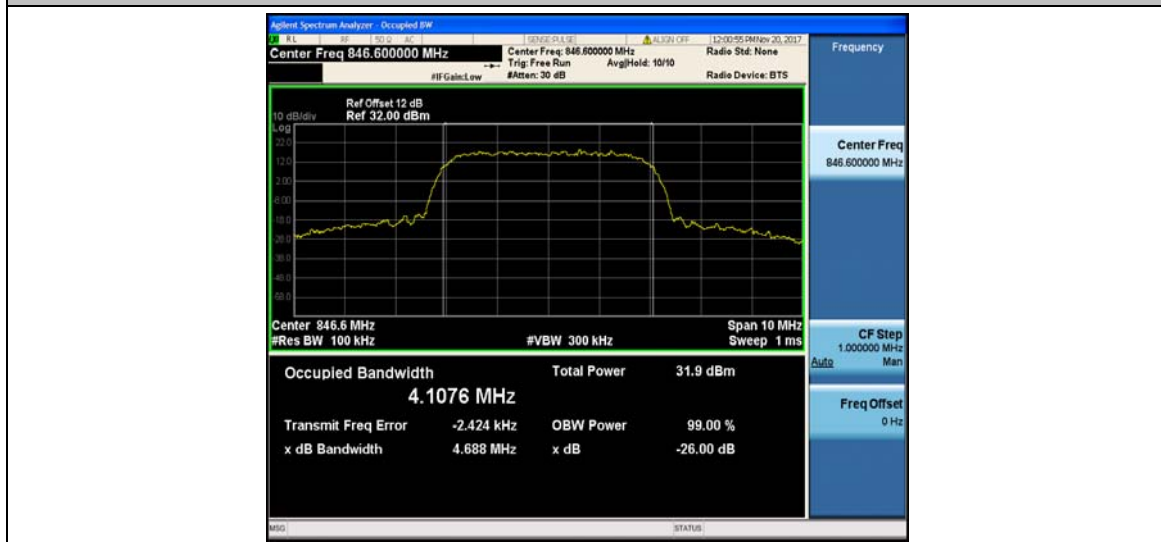
Band V\_4132



Band V\_4182



Band V\_4233



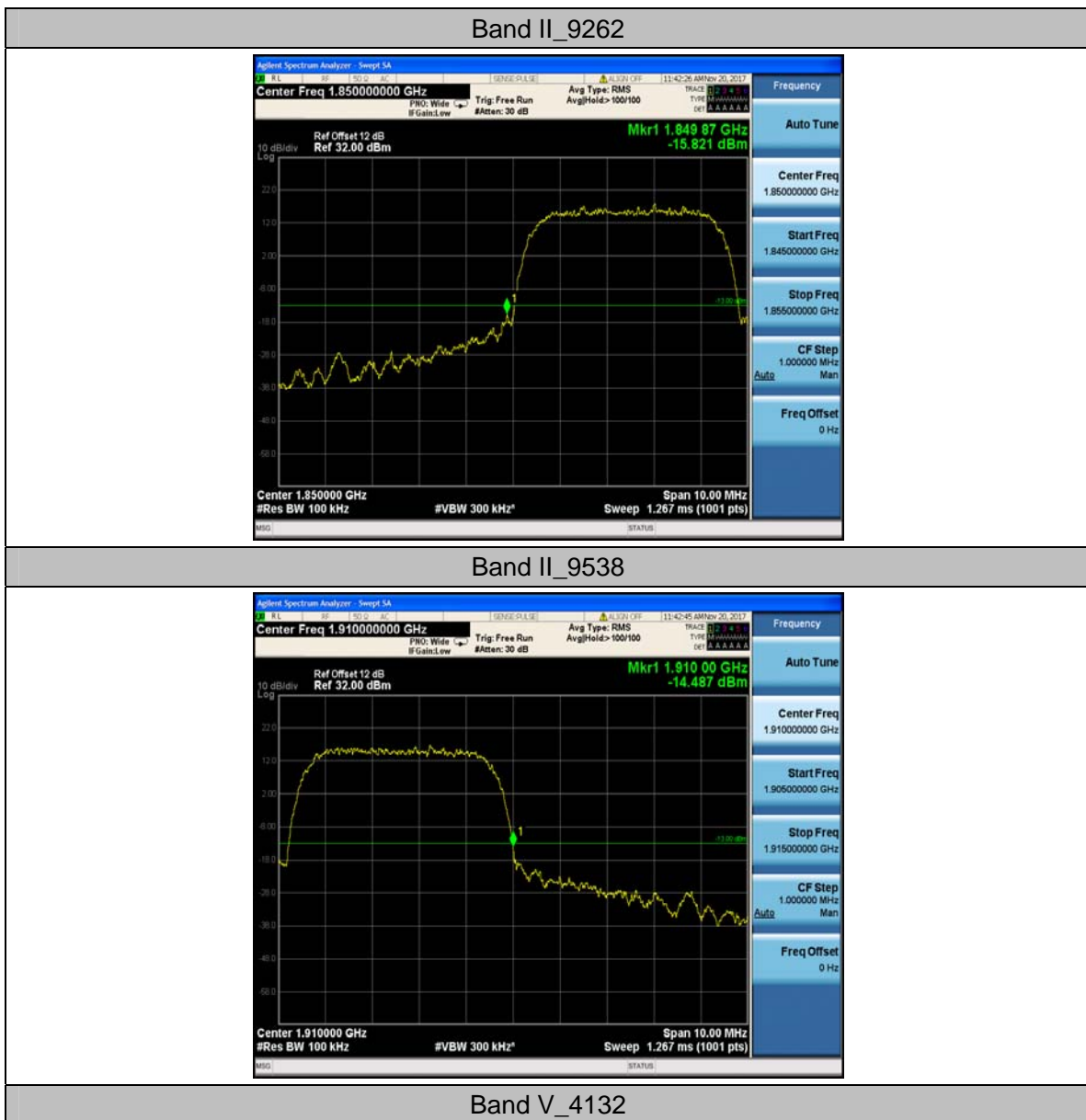


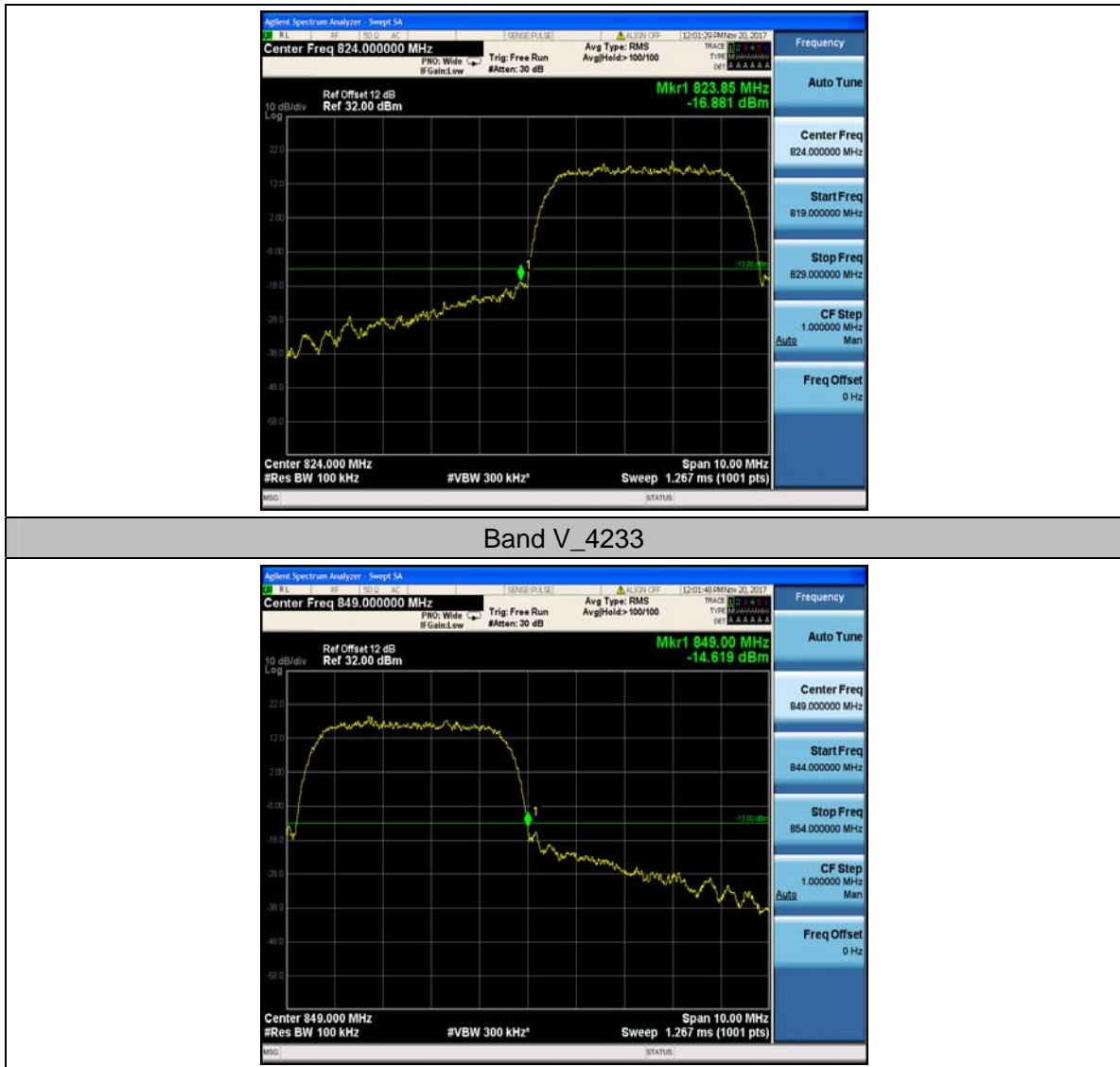
## Appendix D: Band Edge

### Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-15.82	-13	PASS
Band II	9538	-14.49	-13	PASS
Band V	4132	-16.88	-13	PASS
Band V	4233	-14.62	-13	PASS

### Test Graphs



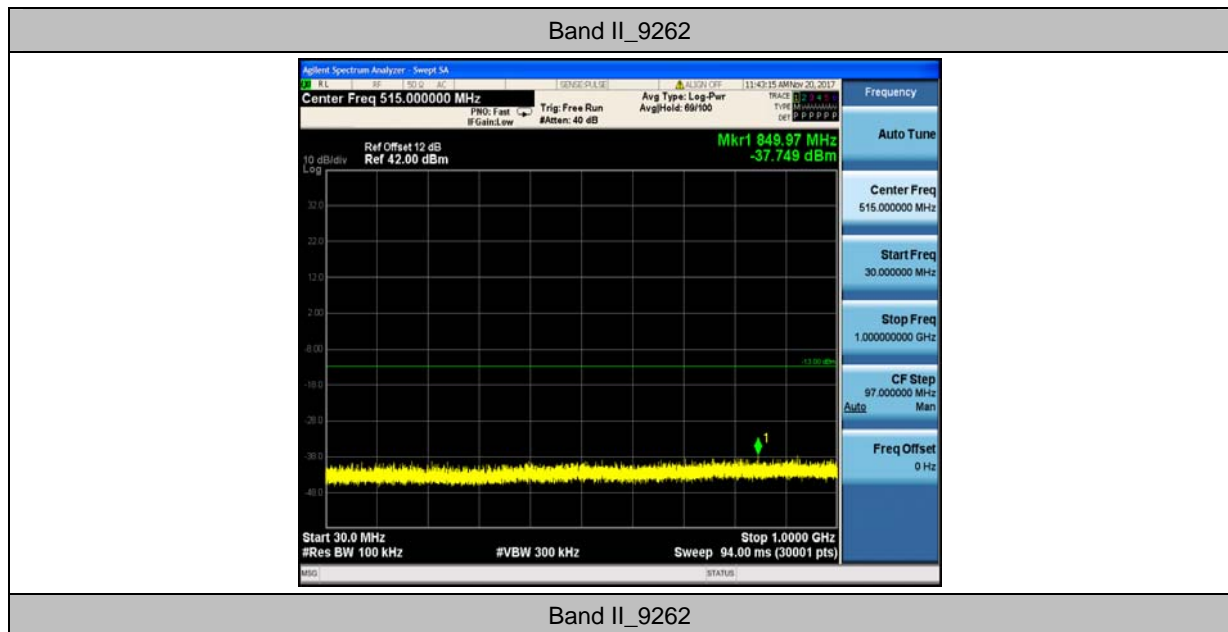


## Appendix E: Conducted Spurious Emission

### Test Result

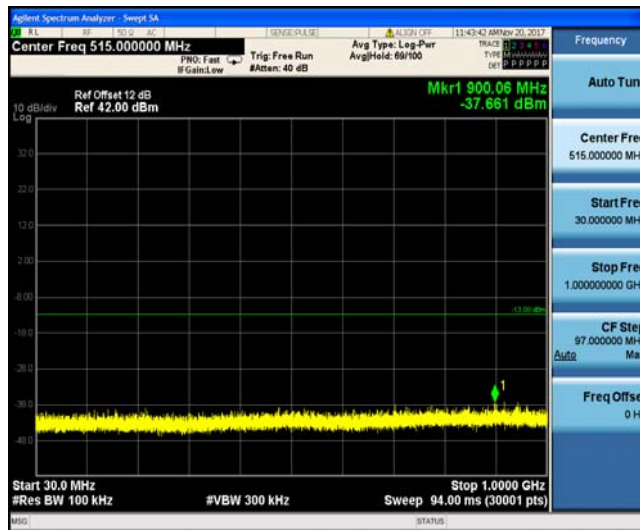
Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	30~1000	-37.75	-13	PASS
Band II	9262	1000~20000	-19.63	-13	PASS
Band II	9400	30~1000	-37.66	-13	PASS
Band II	9400	1000~20000	-19.30	-13	PASS
Band II	9538	30~1000	-38.04	-13	PASS
Band II	9538	1000~20000	-19.31	-13	PASS
Band V	4132	30~1000	-38.59	-13	PASS
Band V	4132	1000~20000	-19.40	-13	PASS
Band V	4182	30~1000	-38.92	-13	PASS
Band V	4182	1000~20000	-18.45	-13	PASS
Band V	4233	30~1000	-38.69	-13	PASS
Band V	4233	1000~20000	-19.19	-13	PASS

### Test Graphs





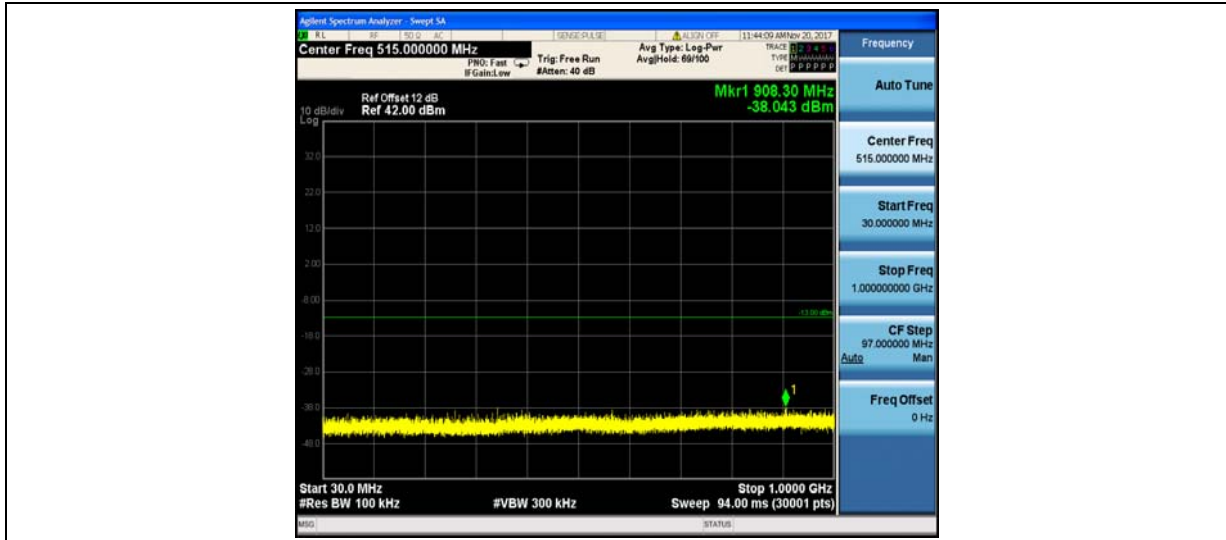
Band II\_9400



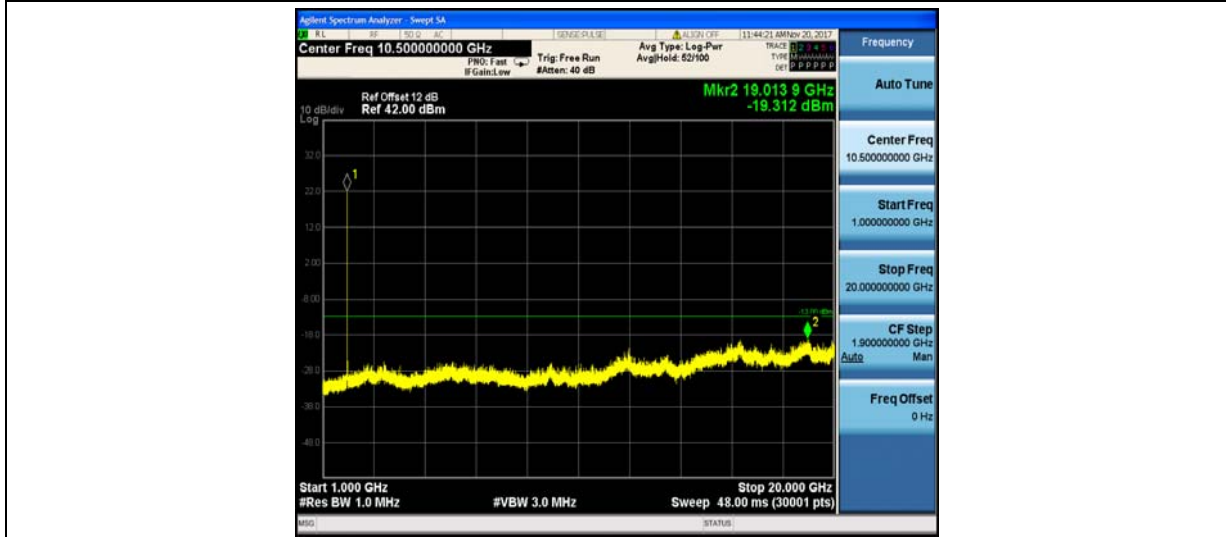
Band II\_9400



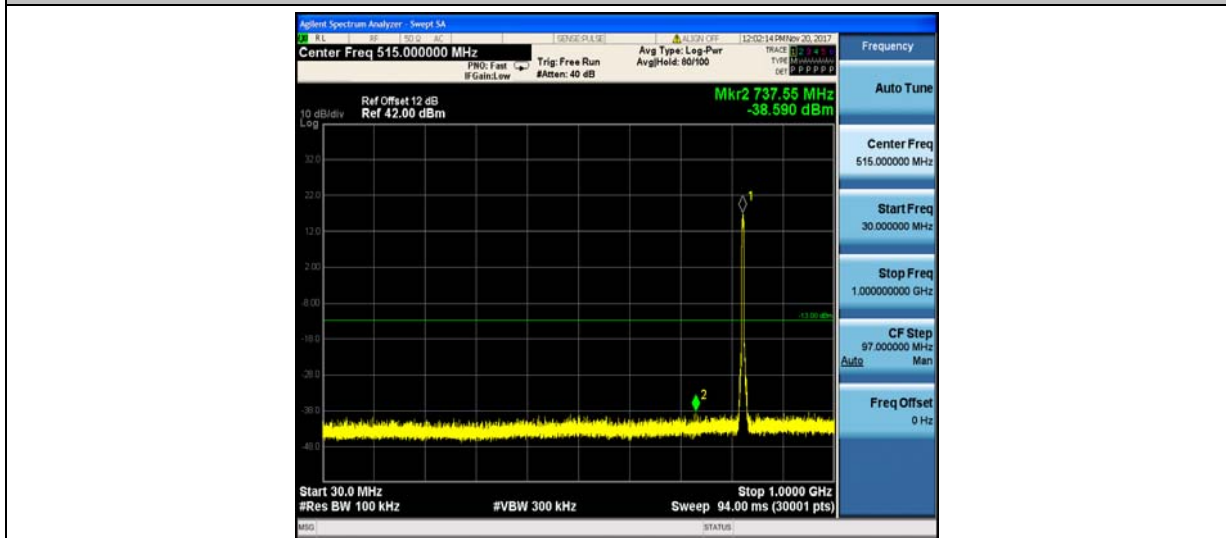
Band II\_9538



Band II\_9538



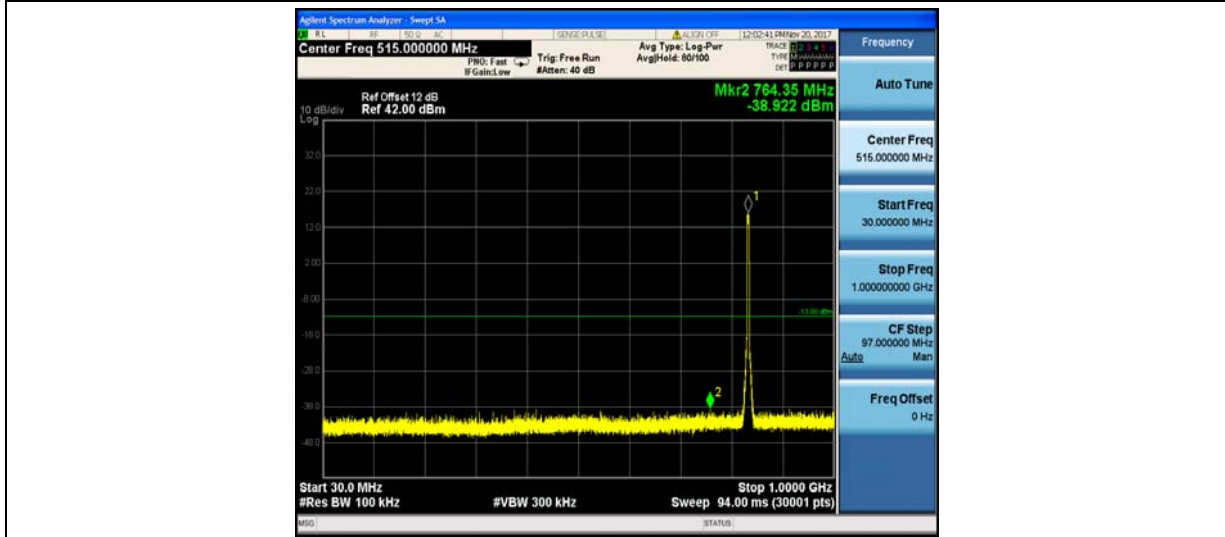
Band V\_4132



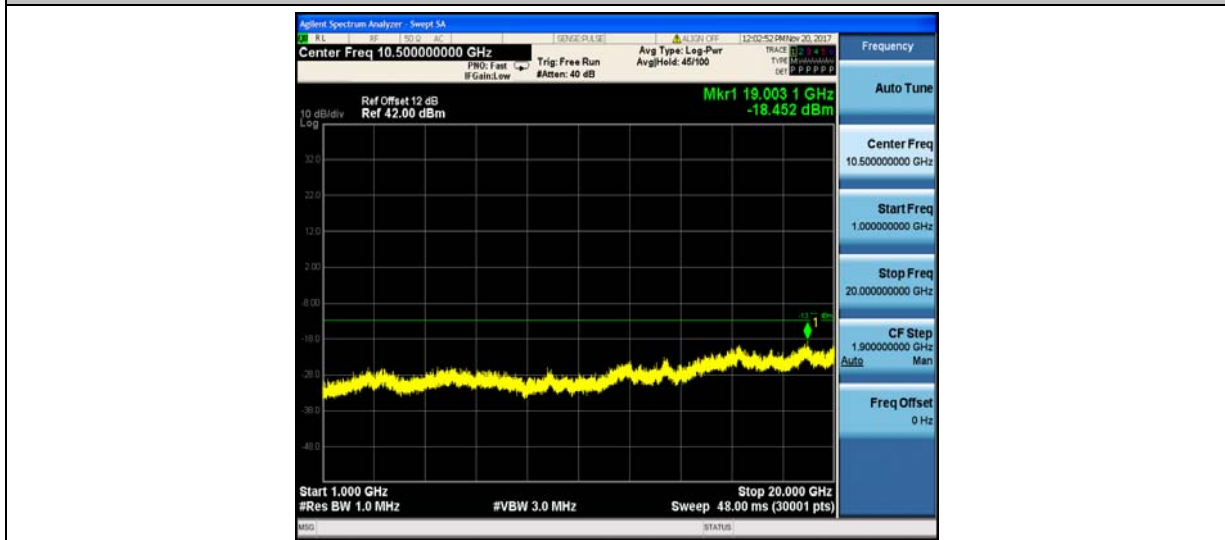
Band V\_4132



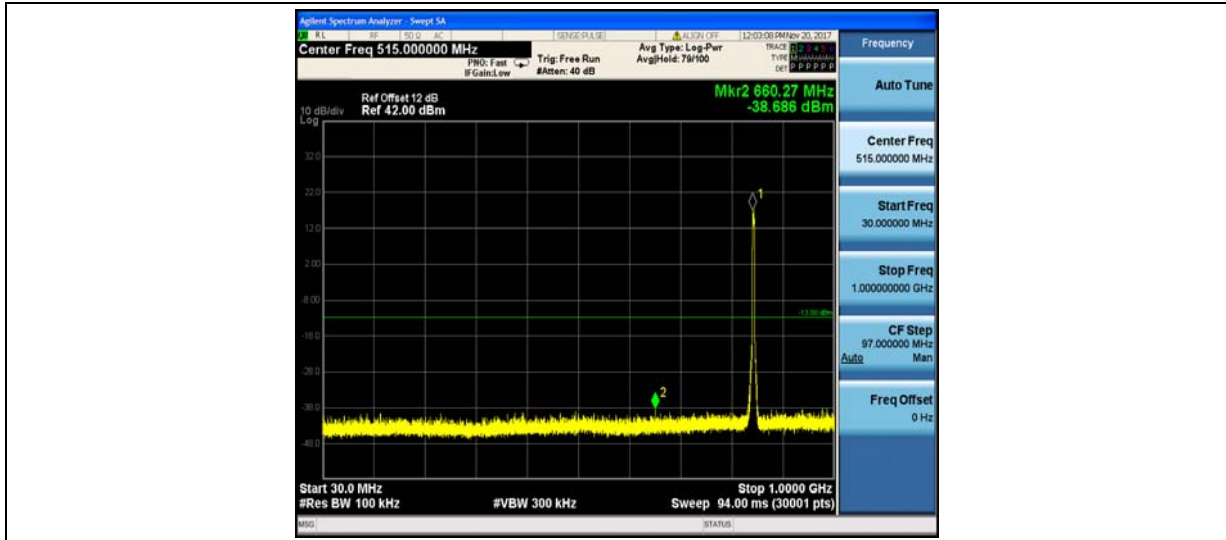
Band V\_4182



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	1.04	0.000560	2.5	PASS
Band II	9262	VN	NT	8.29	0.004473	2.5	PASS
Band II	9262	VH	NT	-3.75	-0.002026	2.5	PASS
Band II	9400	VL	NT	7.05	0.003750	2.5	PASS
Band II	9400	VN	NT	8.07	0.004294	2.5	PASS
Band II	9400	VH	NT	0.82	0.000438	2.5	PASS
Band II	9538	VL	NT	7.86	0.004119	2.5	PASS
Band II	9538	VN	NT	8.07	0.004231	2.5	PASS
Band II	9538	VH	NT	8.39	0.004399	2.5	PASS
Band V	4132	VL	NT	-8.77	-0.010617	2.5	PASS
Band V	4132	VN	NT	-8.03	-0.009712	2.5	PASS
Band V	4132	VH	NT	-8.29	-0.010026	2.5	PASS
Band V	4182	VL	NT	-4.85	-0.005801	2.5	PASS
Band V	4182	VN	NT	-3.07	-0.003667	2.5	PASS
Band V	4182	VH	NT	-7.60	-0.009085	2.5	PASS
Band V	4233	VL	NT	-7.16	-0.008453	2.5	PASS
Band V	4233	VN	NT	-9.29	-0.010976	2.5	PASS
Band V	4233	VH	NT	-7.23	-0.008543	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	NV	-30	-6.00	-0.003237	2.5	PASS
Band II	9262	NV	-20	6.30	0.003402	2.5	PASS
Band II	9262	NV	-10	202.19	0.109153	2.5	PASS
Band II	9262	NV	0	-1.02	-0.000552	2.5	PASS
Band II	9262	NV	10	6.59	0.003559	2.5	PASS
Band II	9262	NV	20	1.51	0.000815	2.5	PASS
Band II	9262	NV	30	3.48	0.001878	2.5	PASS
Band II	9262	NV	40	4.32	0.002331	2.5	PASS
Band II	9262	NV	50	2.98	0.001606	2.5	PASS
Band II	9400	NV	-30	5.45	0.002898	2.5	PASS
Band II	9400	NV	-20	0.15	0.000081	2.5	PASS
Band II	9400	NV	-10	5.68	0.003019	2.5	PASS
Band II	9400	NV	0	-0.87	-0.000463	2.5	PASS
Band II	9400	NV	10	4.26	0.002264	2.5	PASS
Band II	9400	NV	20	6.91	0.003677	2.5	PASS
Band II	9400	NV	30	4.12	0.002191	2.5	PASS
Band II	9400	NV	40	-5.02	-0.002670	2.5	PASS
Band II	9400	NV	50	-0.05	-0.000024	2.5	PASS
Band II	9538	NV	-30	5.91	0.003096	2.5	PASS



Band II	9538	NV	-20	2.47	0.001296	2.5	PASS
Band II	9538	NV	-10	5.17	0.002712	2.5	PASS
Band II	9538	NV	0	2.32	0.001216	2.5	PASS
Band II	9538	NV	10	5.51	0.002888	2.5	PASS
Band II	9538	NV	20	6.29	0.003296	2.5	PASS
Band II	9538	NV	30	4.03	0.002112	2.5	PASS
Band II	9538	NV	40	4.09	0.002144	2.5	PASS
Band II	9538	NV	50	7.78	0.004079	2.5	PASS
Band V	4132	NV	-30	-7.60	-0.009195	2.5	PASS
Band V	4132	NV	-20	-6.15	-0.007441	2.5	PASS
Band V	4132	NV	-10	-6.99	-0.008457	2.5	PASS
Band V	4132	NV	0	-6.13	-0.007423	2.5	PASS
Band V	4132	NV	10	-8.38	-0.010137	2.5	PASS
Band V	4132	NV	20	-6.10	-0.007386	2.5	PASS
Band V	4132	NV	30	-8.91	-0.010783	2.5	PASS
Band V	4132	NV	40	-5.97	-0.007219	2.5	PASS
Band V	4132	NV	50	-7.02	-0.008494	2.5	PASS
Band V	4182	NV	-30	-6.30	-0.007535	2.5	PASS
Band V	4182	NV	-20	-4.61	-0.005510	2.5	PASS
Band V	4182	NV	-10	-5.23	-0.006257	2.5	PASS
Band V	4182	NV	0	-7.19	-0.008593	2.5	PASS
Band V	4182	NV	10	-3.63	-0.004342	2.5	PASS
Band V	4182	NV	20	-6.21	-0.007425	2.5	PASS
Band V	4182	NV	30	-8.01	-0.009578	2.5	PASS
Band V	4182	NV	40	-4.09	-0.004889	2.5	PASS
Band V	4182	NV	50	-8.74	-0.010453	2.5	PASS
Band V	4233	NV	-30	-8.45	-0.009985	2.5	PASS
Band V	4233	NV	-20	-6.41	-0.007570	2.5	PASS
Band V	4233	NV	-10	-8.51	-0.010057	2.5	PASS
Band V	4233	NV	0	-8.21	-0.009697	2.5	PASS
Band V	4233	NV	10	-4.17	-0.004920	2.5	PASS
Band V	4233	NV	20	-10.03	-0.011842	2.5	PASS
Band V	4233	NV	30	-9.38	-0.011085	2.5	PASS
Band V	4233	NV	40	-8.09	-0.009553	2.5	PASS
Band V	4233	NV	50	-7.89	-0.009318	2.5	PASS