



8.1 Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	22.58	33	PASS
Band II	9400	22.90	33	PASS
Band II	9538	22.70	33	PASS
Band V	4132	24.08	38.5	PASS
Band V	4182	24.05	38.5	PASS
Band V	4233	24.15	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSDPA_Sub1	21.57	33	PASS
Band II	9262	HSDPA_Sub2	21.09	33	PASS
Band II	9262	HSDPA_Sub3	21.09	33	PASS
Band II	9262	HSDPA_Sub4	21.10	33	PASS
Band II	9400	HSDPA_Sub1	21.97	33	PASS
Band II	9400	HSDPA_Sub2	21.48	33	PASS
Band II	9400	HSDPA_Sub3	21.48	33	PASS
Band II	9400	HSDPA_Sub4	21.50	33	PASS
Band II	9538	HSDPA_Sub1	21.74	33	PASS
Band II	9538	HSDPA_Sub2	21.27	33	PASS
Band II	9538	HSDPA_Sub3	21.29	33	PASS
Band II	9538	HSDPA_Sub4	21.30	33	PASS
Band V	4132	HSDPA_Sub1	23.17	38.5	PASS
Band V	4132	HSDPA_Sub2	22.61	38.5	PASS
Band V	4132	HSDPA_Sub3	22.73	38.5	PASS
Band V	4132	HSDPA_Sub4	22.72	38.5	PASS
Band V	4182	HSDPA_Sub1	23.13	38.5	PASS
Band V	4182	HSDPA_Sub2	22.70	38.5	PASS
Band V	4182	HSDPA_Sub3	22.73	38.5	PASS
Band V	4182	HSDPA_Sub4	22.74	38.5	PASS
Band V	4233	HSDPA_Sub1	23.09	38.5	PASS
Band V	4233	HSDPA_Sub2	22.71	38.5	PASS
Band V	4233	HSDPA_Sub3	22.76	38.5	PASS
Band V	4233	HSDPA_Sub4	22.76	38.5	PASS



Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band II	9262	HSUPA_Sub1	18.83	33	PASS
Band II	9262	HSUPA_Sub2	18.98	33	PASS
Band II	9262	HSUPA_Sub3	19.02	33	PASS
Band II	9262	HSUPA_Sub4	19.22	33	PASS
Band II	9262	HSUPA_Sub5	20.96	33	PASS
Band II	9400	HSUPA_Sub1	18.26	33	PASS
Band II	9400	HSUPA_Sub2	18.56	33	PASS
Band II	9400	HSUPA_Sub3	18.62	33	PASS
Band II	9400	HSUPA_Sub4	19.54	33	PASS
Band II	9400	HSUPA_Sub5	20.66	33	PASS
Band II	9538	HSUPA_Sub1	18.34	33	PASS
Band II	9538	HSUPA_Sub2	19.06	33	PASS
Band II	9538	HSUPA_Sub3	19.16	33	PASS
Band II	9538	HSUPA_Sub4	19.56	33	PASS
Band II	9538	HSUPA_Sub5	21.51	33	PASS
Band V	4132	HSUPA_Sub1	22.82	38.5	PASS
Band V	4132	HSUPA_Sub2	22.98	38.5	PASS
Band V	4132	HSUPA_Sub3	22.84	38.5	PASS
Band V	4132	HSUPA_Sub4	23.05	38.5	PASS
Band V	4132	HSUPA_Sub5	23.47	38.5	PASS
Band V	4182	HSUPA_Sub1	19.09	38.5	PASS
Band V	4182	HSUPA_Sub2	19.33	38.5	PASS
Band V	4182	HSUPA_Sub3	19.37	38.5	PASS
Band V	4182	HSUPA_Sub4	20.41	38.5	PASS
Band V	4182	HSUPA_Sub5	20.55	38.5	PASS
Band V	4233	HSUPA_Sub1	22.95	38.5	PASS
Band V	4233	HSUPA_Sub2	22.75	38.5	PASS
Band V	4233	HSUPA_Sub3	22.34	38.5	PASS
Band V	4233	HSUPA_Sub4	22.37	38.5	PASS
Band V	4233	HSUPA_Sub5	22.38	38.5	PASS



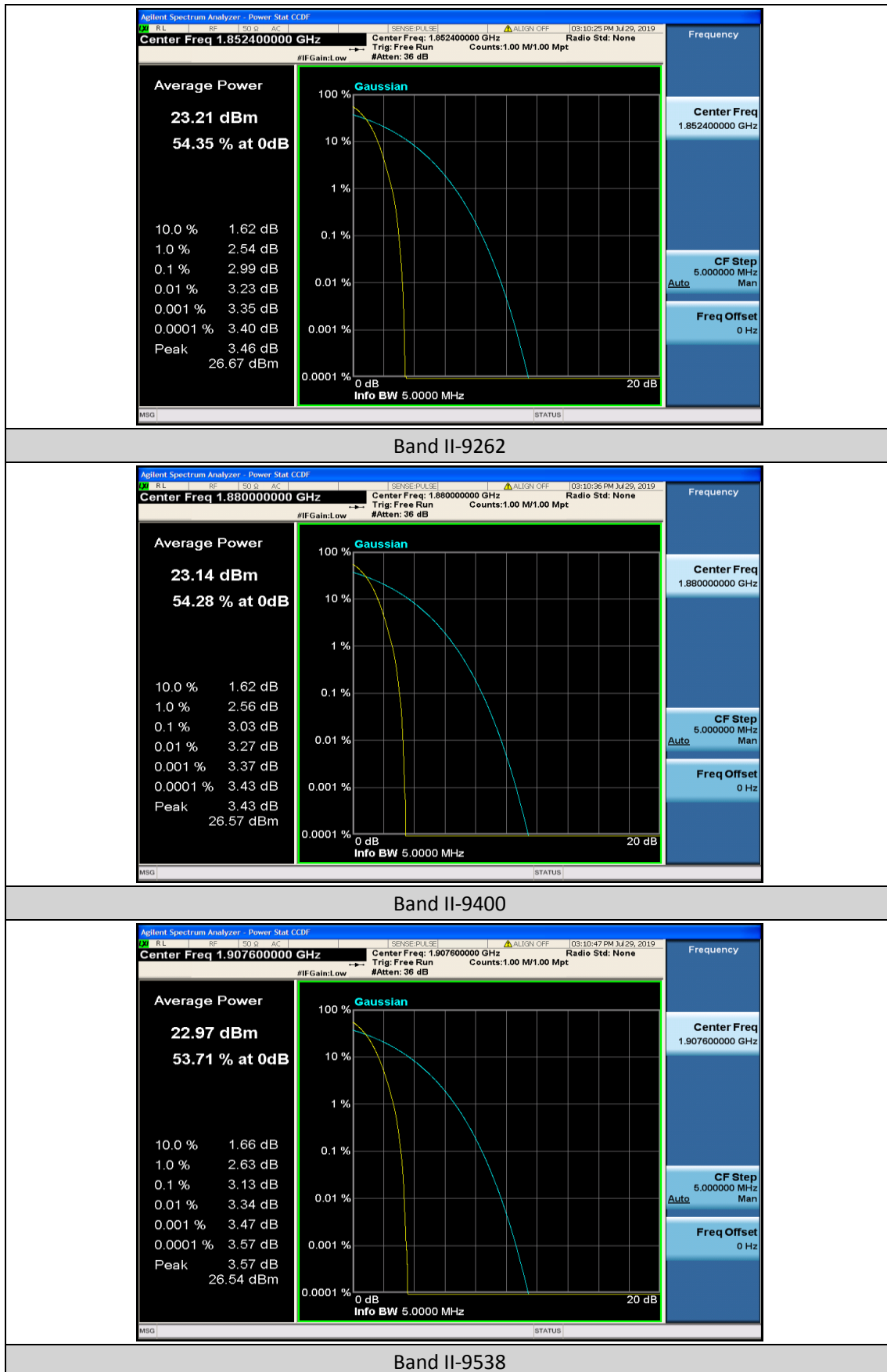
8.2 Appendix B: Peak-to-Average Ratio

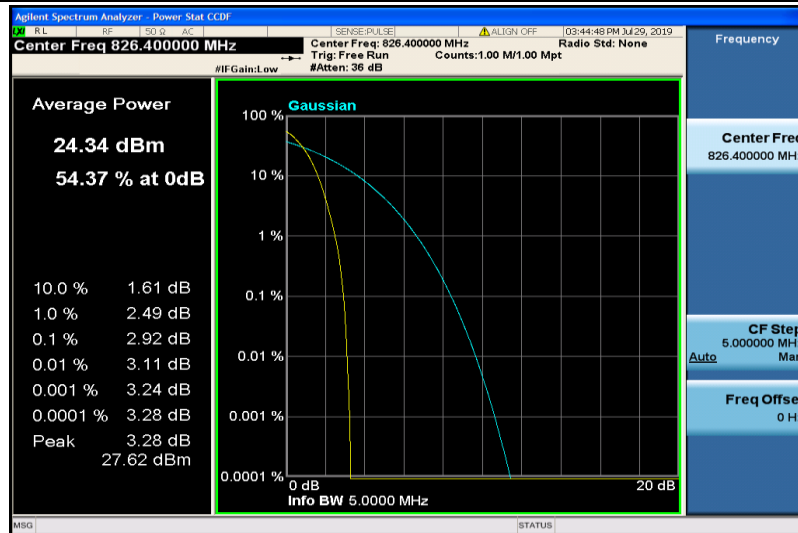
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	2.99	13	PASS
Band II	9400	3.03	13	PASS
Band II	9538	3.13	13	PASS
Band V	4132	2.92	13	PASS
Band V	4182	3.07	13	PASS
Band V	4233	3.09	13	PASS

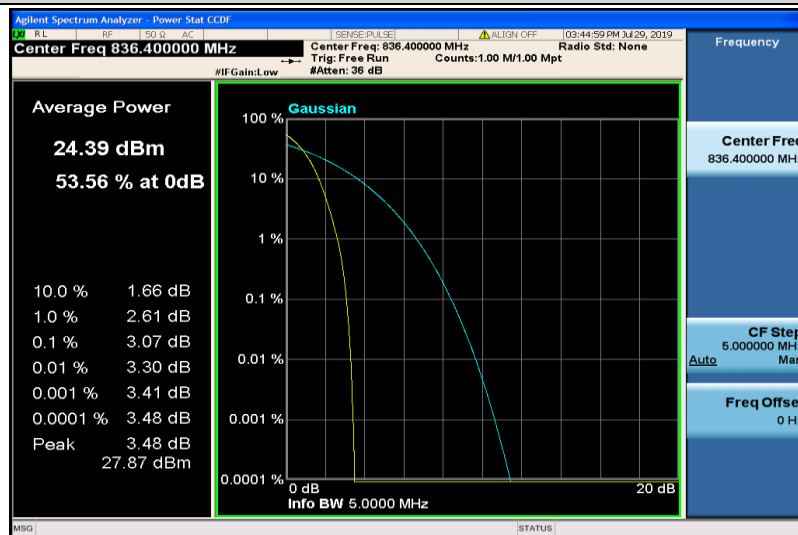


Test Graphs

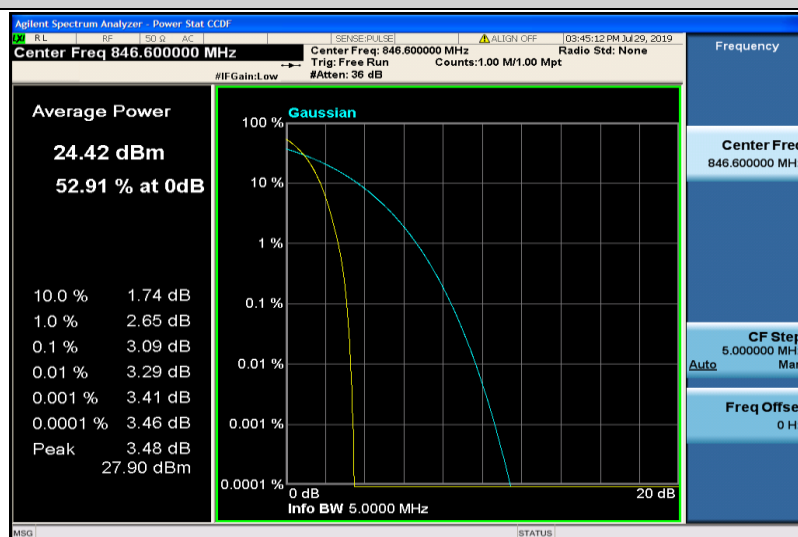




Band V-4132



Band V-4182



Band V-4233



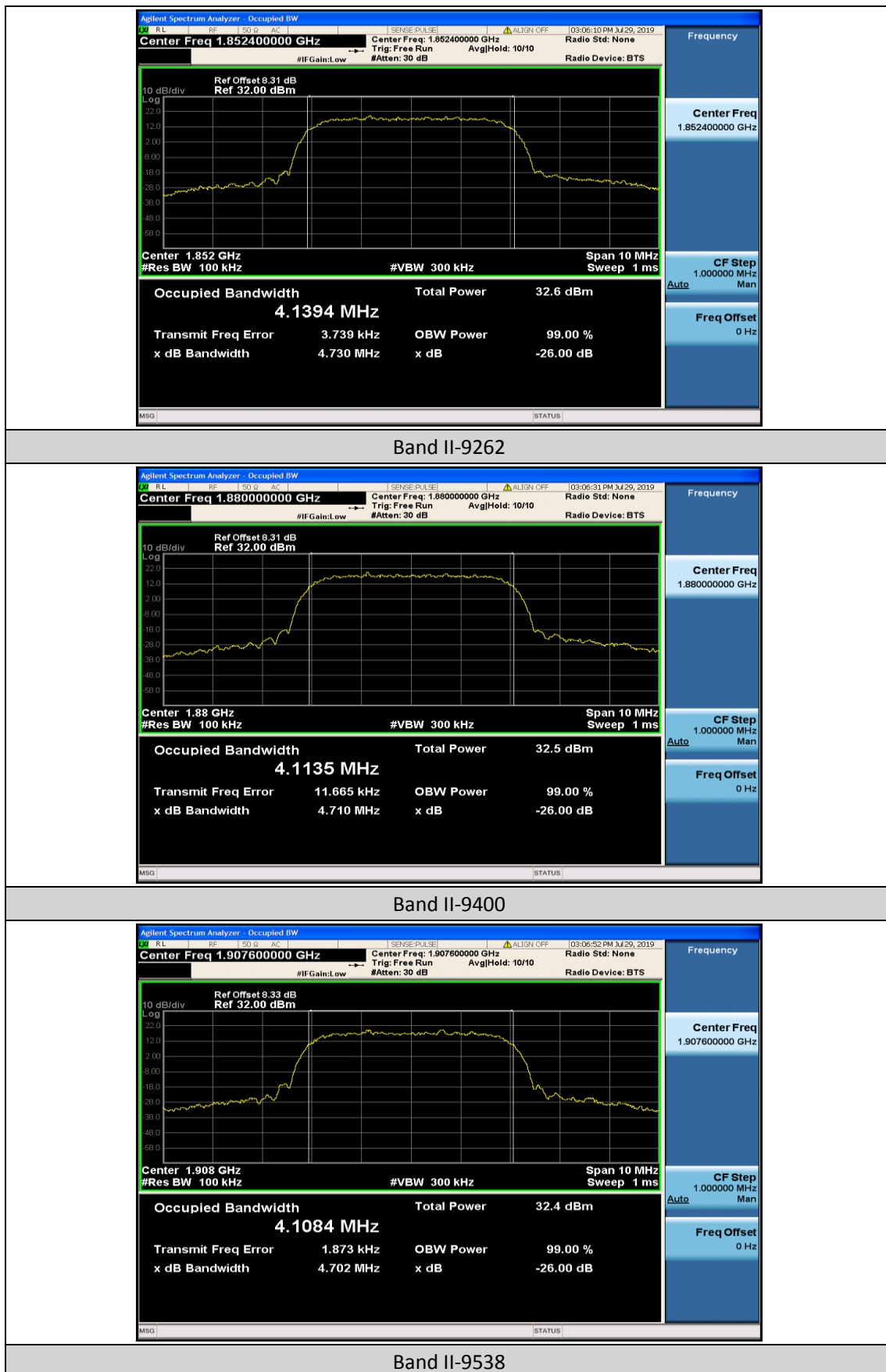
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

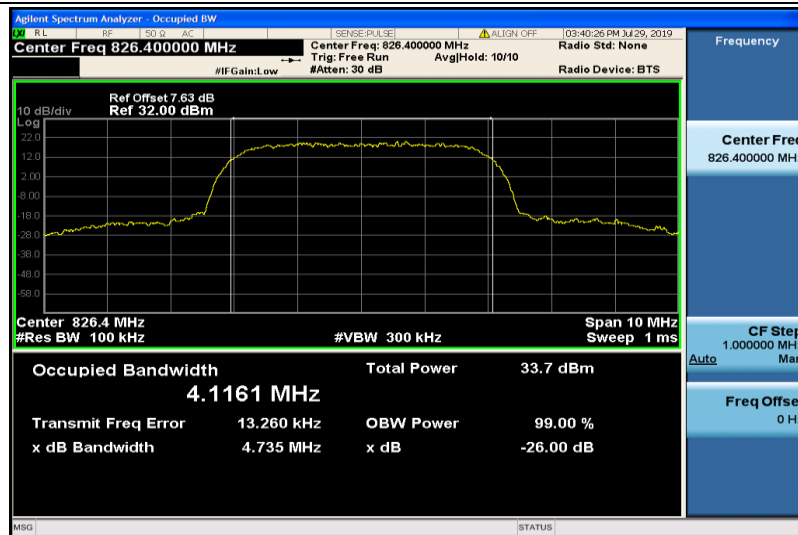
Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4139.4	4730	---	PASS
Band II	9400	4113.5	4710	---	PASS
Band II	9538	4108.4	4702	---	PASS
Band V	4132	4116.1	4735	---	PASS
Band V	4182	4120.3	4708	---	PASS
Band V	4233	4132.8	4696	---	PASS

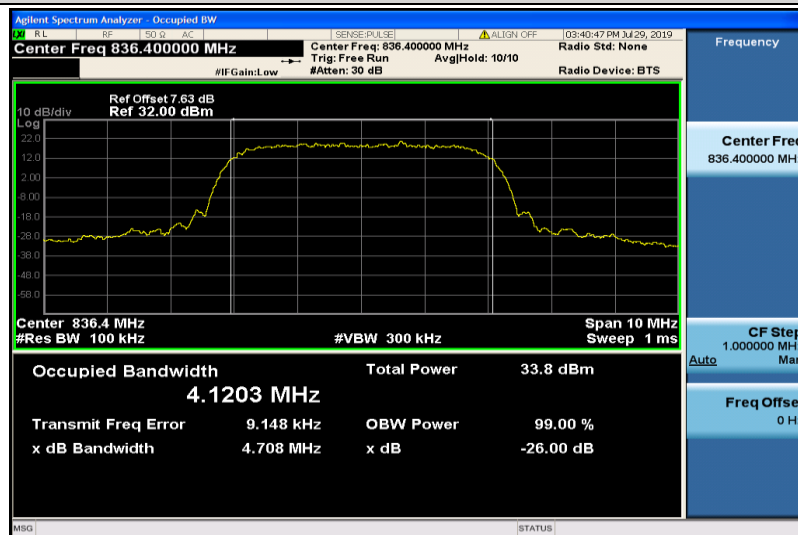


Test Graphs

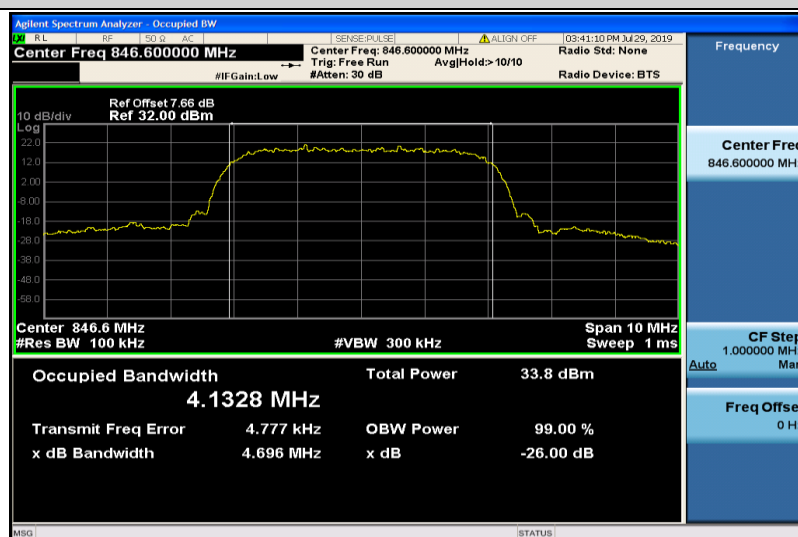




Band V-4132



Band V-4182



Band V-4233



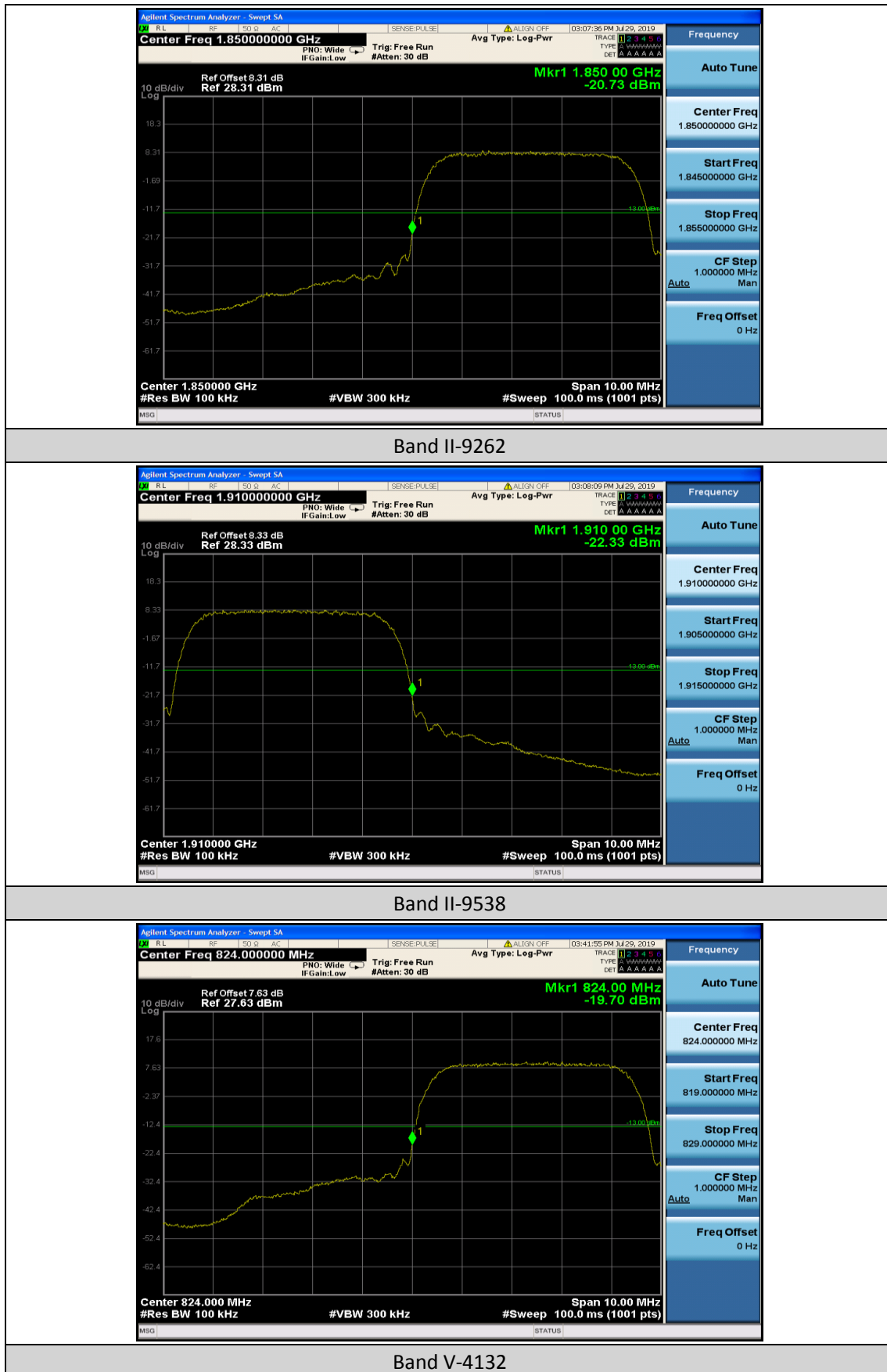
8.4 Appendix D: Band Edge

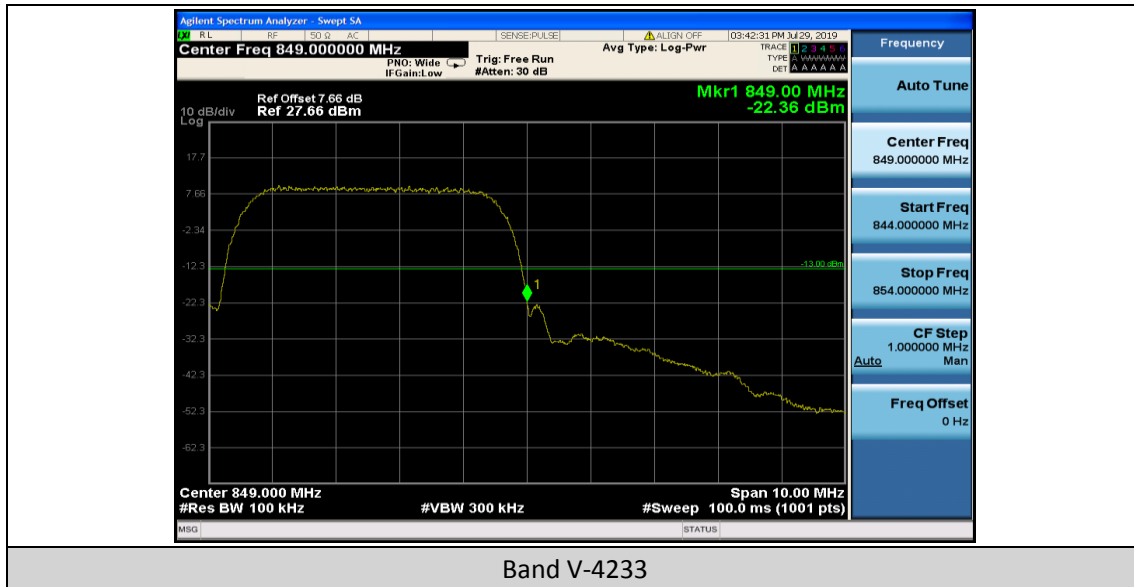
Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-20.73	-13	PASS
Band II	9538	-22.33	-13	PASS
Band V	4132	-19.70	-13	PASS
Band V	4233	-22.36	-13	PASS



Test Graphs







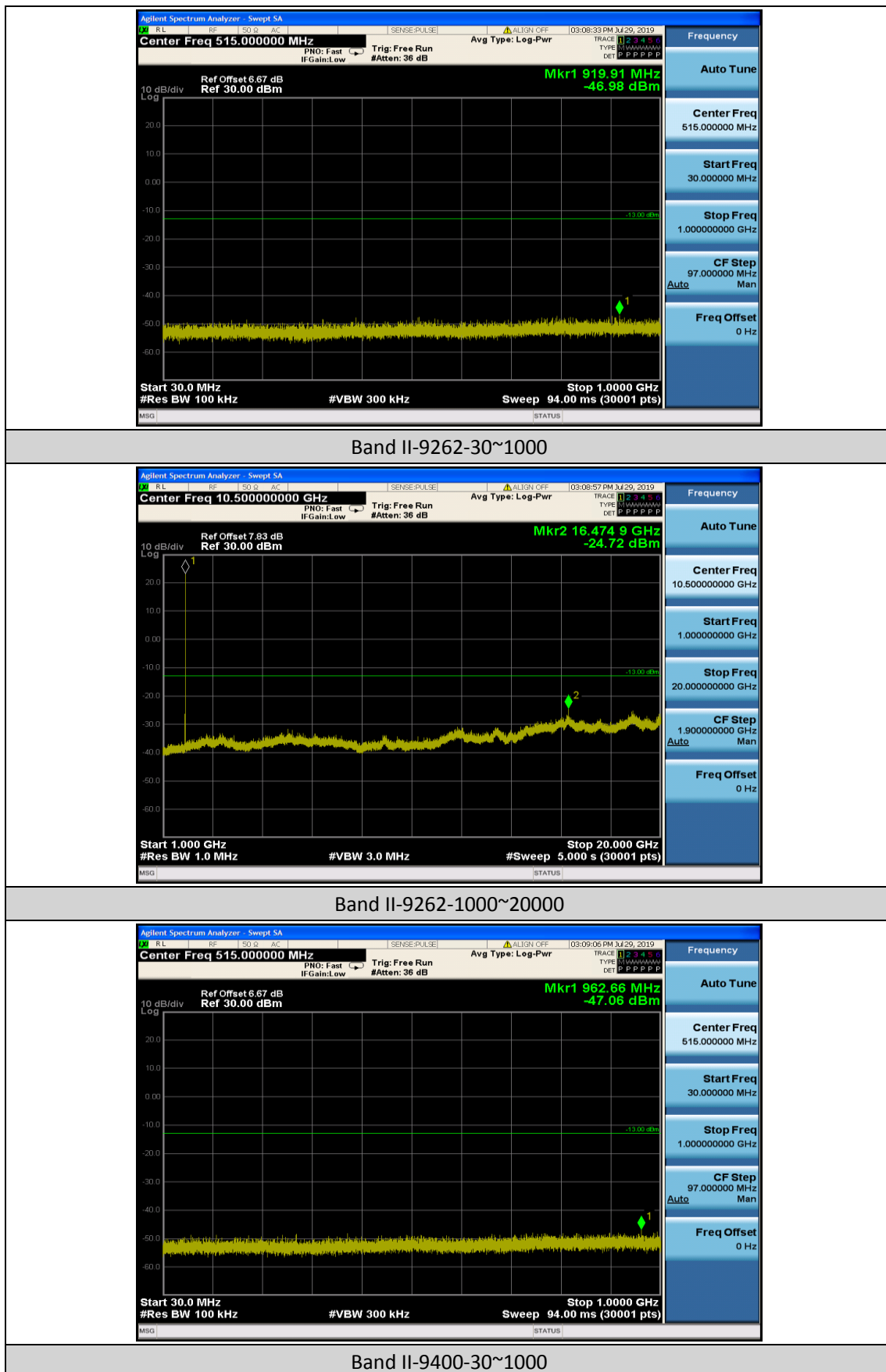
8.5 Appendix E: Conducted Spurious Emission

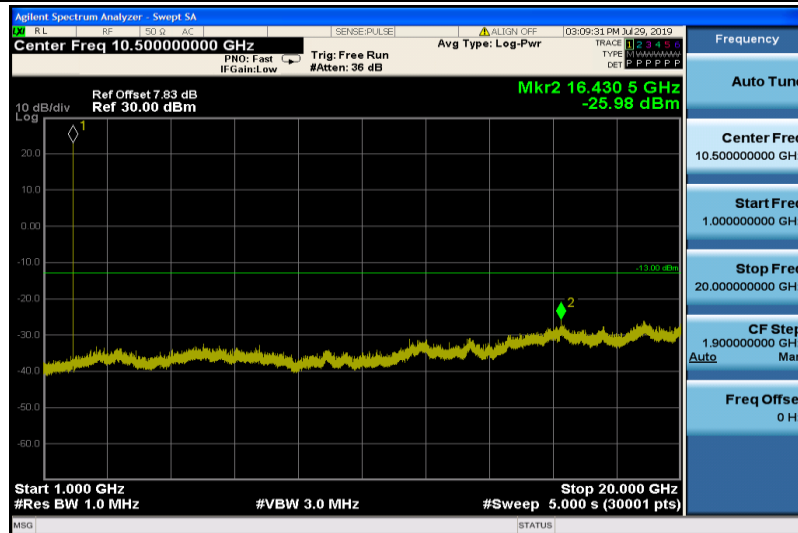
Test Result

Band	Channel	Frequency Range (Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	30~1000	-46.98	-13	PASS
Band II	9262	1000~20000	-24.72	-13	PASS
Band II	9400	30~1000	-47.06	-13	PASS
Band II	9400	1000~20000	-25.98	-13	PASS
Band II	9538	30~1000	-47.09	-13	PASS
Band II	9538	1000~20000	-25.88	-13	PASS
Band V	4132	30~1000	-46.80	-13	PASS
Band V	4132	1000~10000	-32.48	-13	PASS
Band V	4182	30~1000	-46.50	-13	PASS
Band V	4182	1000~10000	-31.82	-13	PASS
Band V	4233	30~1000	-47.55	-13	PASS
Band V	4233	1000~10000	-32.82	-13	PASS

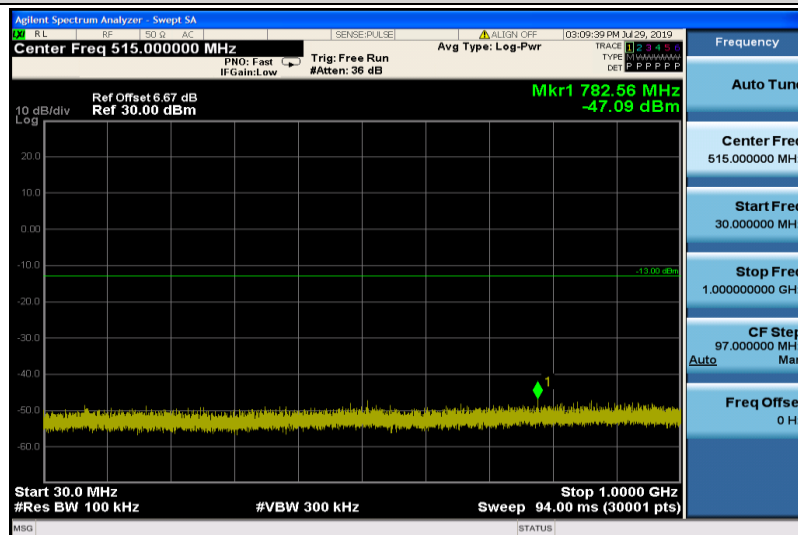


Test Graphs

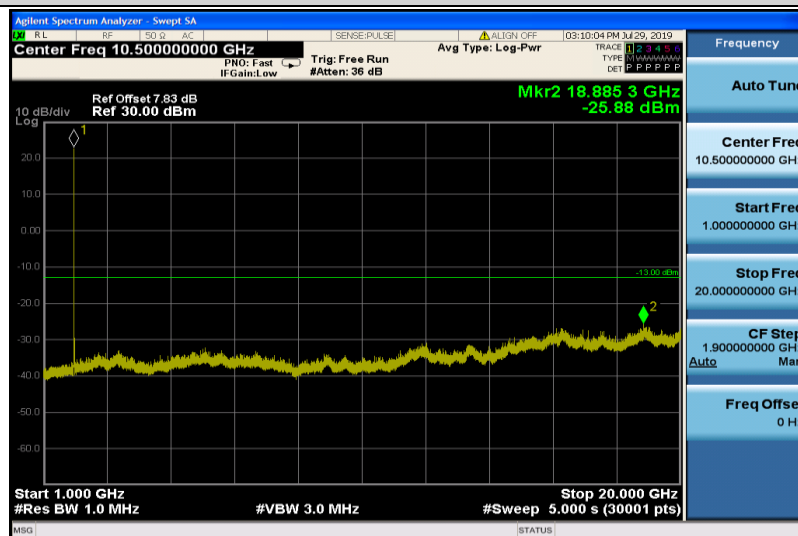




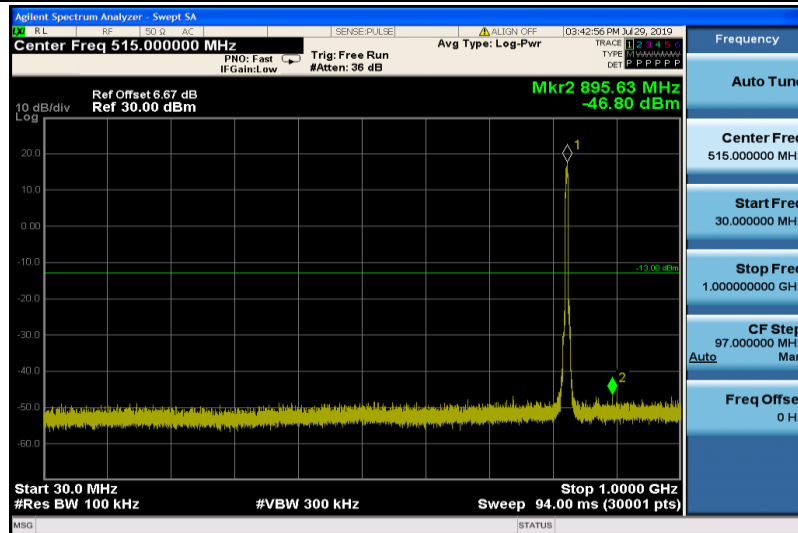
Band II-9400-1000~20000



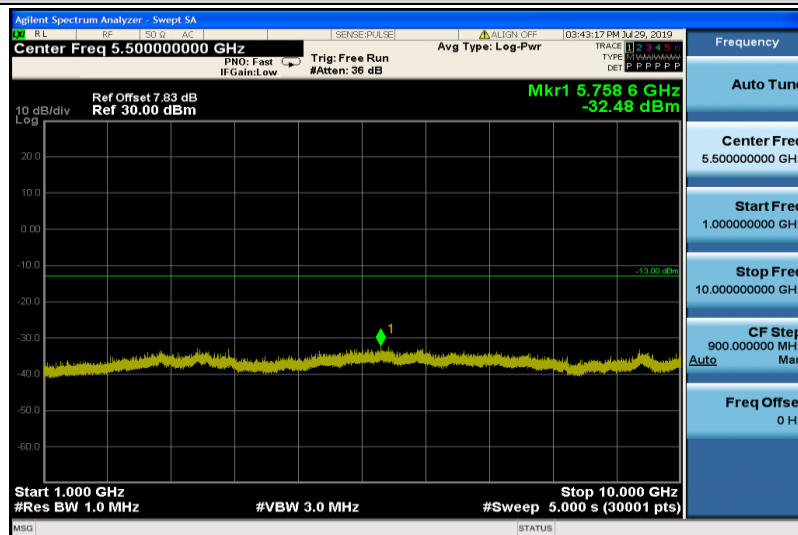
Band II-9538-30~1000



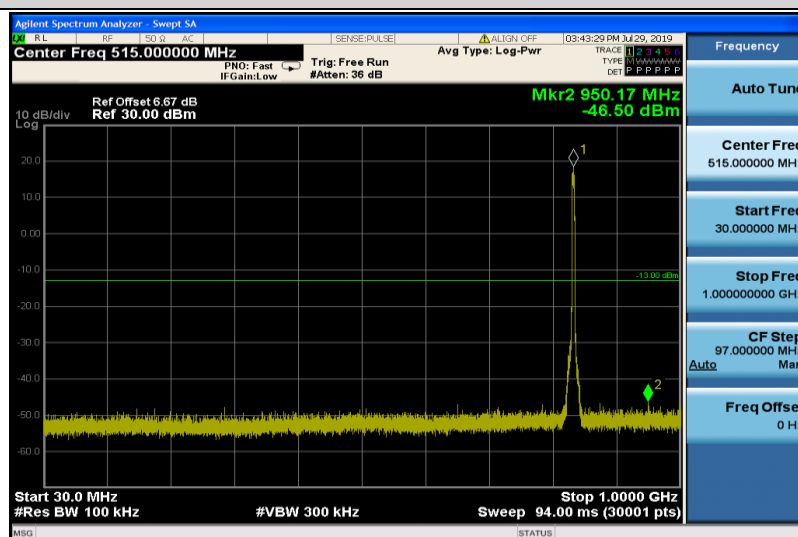
Band II-9538-1000~20000



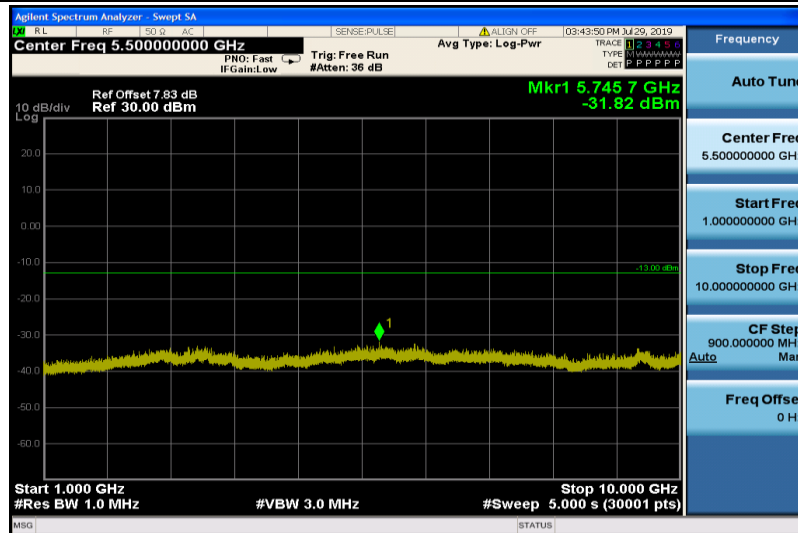
Band V-4132-30~1000



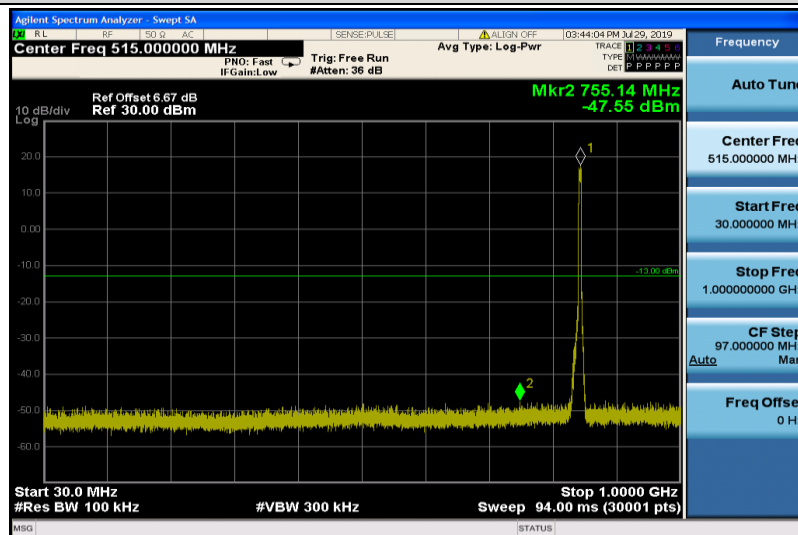
Band V-4132-1000~10000



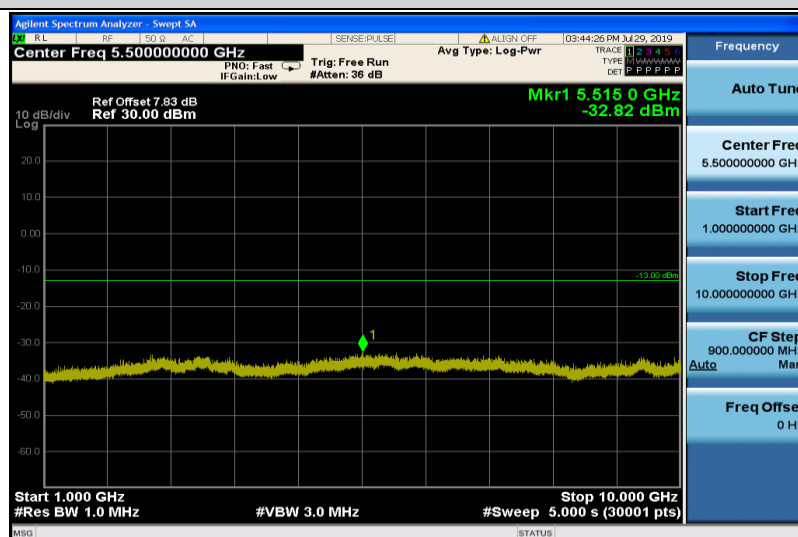
Band V-4182-30~1000



Band V-4182-1000~10000



Band V-4233-30~1000



Band V-4233-1000~10000



8.6 Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	TN	2.20	0.001185	2.5	PASS
Band II	9262	VN	TN	1.75	0.000942	2.5	PASS
Band II	9262	VH	TN	1.86	0.001004	2.5	PASS
Band II	9400	VL	TN	-0.64	-0.000342	2.5	PASS
Band II	9400	VN	TN	-1.52	-0.000810	2.5	PASS
Band II	9400	VH	TN	0.04	0.000019	2.5	PASS
Band II	9538	VL	TN	-3.83	-0.002006	2.5	PASS
Band II	9538	VN	TN	-2.73	-0.001432	2.5	PASS
Band II	9538	VH	TN	-2.78	-0.001455	2.5	PASS
Band V	4132	VL	TN	0.74	0.000900	2.5	PASS
Band V	4132	VN	TN	0.77	0.000926	2.5	PASS
Band V	4132	VH	TN	0.32	0.000389	2.5	PASS
Band V	4182	VL	TN	0.11	0.000137	2.5	PASS
Band V	4182	VN	TN	-0.09	-0.000103	2.5	PASS
Band V	4182	VH	TN	-0.01	-0.000017	2.5	PASS
Band V	4233	VL	TN	-0.50	-0.000591	2.5	PASS
Band V	4233	VN	TN	-0.77	-0.000912	2.5	PASS
Band V	4233	VH	TN	-1.06	-0.001250	2.5	PASS



Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VN	-30	1.57	0.000849	2.5	PASS
Band II	9262	VN	-20	1.12	0.000602	2.5	PASS
Band II	9262	VN	-10	1.82	0.000981	2.5	PASS
Band II	9262	VN	0	2.12	0.001147	2.5	PASS
Band II	9262	VN	10	1.54	0.000830	2.5	PASS
Band II	9262	VN	20	0.64	0.000344	2.5	PASS
Band II	9262	VN	30	1.89	0.001019	2.5	PASS
Band II	9262	VN	40	0.24	0.000131	2.5	PASS
Band II	9262	VN	50	1.45	0.000784	2.5	PASS
Band II	9400	VN	-30	-0.65	-0.000346	2.5	PASS
Band II	9400	VN	-20	-0.42	-0.000224	2.5	PASS
Band II	9400	VN	-10	-0.49	-0.000259	2.5	PASS
Band II	9400	VN	0	-0.13	-0.000068	2.5	PASS
Band II	9400	VN	10	-1.00	-0.000533	2.5	PASS
Band II	9400	VN	20	-0.60	-0.000320	2.5	PASS
Band II	9400	VN	30	0.33	0.000175	2.5	PASS
Band II	9400	VN	40	0.39	0.000205	2.5	PASS
Band II	9400	VN	50	0.19	0.000103	2.5	PASS
Band II	9538	VN	-30	-2.78	-0.001459	2.5	PASS
Band II	9538	VN	-20	-2.84	-0.001489	2.5	PASS
Band II	9538	VN	-10	-1.94	-0.001016	2.5	PASS
Band II	9538	VN	0	-1.59	-0.000832	2.5	PASS
Band II	9538	VN	10	-2.83	-0.001481	2.5	PASS
Band II	9538	VN	20	-2.38	-0.001249	2.5	PASS
Band II	9538	VN	30	-3.45	-0.001807	2.5	PASS
Band II	9538	VN	40	-2.31	-0.001211	2.5	PASS
Band II	9538	VN	50	-3.58	-0.001879	2.5	PASS
Band V	4132	VN	-30	1.21	0.001463	2.5	PASS
Band V	4132	VN	-20	0.84	0.001013	2.5	PASS
Band V	4132	VN	-10	0.74	0.000891	2.5	PASS
Band V	4132	VN	0	1.36	0.001644	2.5	PASS
Band V	4132	VN	10	1.24	0.001506	2.5	PASS
Band V	4132	VN	20	0.86	0.001039	2.5	PASS
Band V	4132	VN	30	0.91	0.001099	2.5	PASS
Band V	4132	VN	40	0.21	0.000251	2.5	PASS
Band V	4132	VN	50	0.03	0.000035	2.5	PASS
Band V	4182	VN	-30	-0.09	-0.000111	2.5	PASS
Band V	4182	VN	-20	0.04	0.000043	2.5	PASS



Band V	4182	VN	-10	-0.50	-0.000599	2.5	PASS
Band V	4182	VN	0	0.29	0.000342	2.5	PASS
Band V	4182	VN	10	0.56	0.000667	2.5	PASS
Band V	4182	VN	20	0.50	0.000599	2.5	PASS
Band V	4182	VN	30	0.15	0.000180	2.5	PASS
Band V	4182	VN	40	-0.06	-0.000077	2.5	PASS
Band V	4182	VN	50	-0.06	-0.000077	2.5	PASS
Band V	4233	VN	-30	-1.01	-0.001191	2.5	PASS
Band V	4233	VN	-20	-0.67	-0.000786	2.5	PASS
Band V	4233	VN	-10	-0.93	-0.001098	2.5	PASS
Band V	4233	VN	0	-1.50	-0.001774	2.5	PASS
Band V	4233	VN	10	-0.73	-0.000862	2.5	PASS
Band V	4233	VN	20	-0.77	-0.000904	2.5	PASS
Band V	4233	VN	30	-0.87	-0.001022	2.5	PASS
Band V	4233	VN	40	-0.40	-0.000473	2.5	PASS
Band V	4233	VN	50	-0.91	-0.001073	2.5	PASS

-----End of the Report -----