

Appendix D.1: Radiated Power Output Data

Test Result

	Band		Channel	PowerPeak (dBm)	PowerAvg (dBm)	Limit(dBm)	Verdict
RCM		BandII	9262	26.73	23.74	33	PASS
		BandII	9400	26.45	23.47	33	PASS
		BandII	9538	26.99	24.05	33	PASS
		BandV	4132	26.64	23.88	38.5	PASS
		BandV	4182	26.56	23.75	38.5	PASS
		BandV	4233	26.84	24.22	38.5	PASS
HSDP A	BandII	Sub –Test 1	9262	26.55	22.62	33	PASS
	BandII	Sub –Test 1	9400	26.27	22.74	33	PASS
	BandII	Sub –Test 1	9538	26.77	22.22	33	PASS
	BandV	Sub –Test 1	4132	26.46	22.86	38.5	PASS
	BandV	Sub –Test 1	4182	26.36	22.39	38.5	PASS
	BandV	Sub –Test 1	4233	26.64	22.85	38.5	PASS
HSDP A	BandII	Sub –Test 2	9262	26.53	22.82	33	PASS
	BandII	Sub –Test 2	9400	26.25	22.62	33	PASS
	BandII	Sub –Test 2	9538	26.81	22.27	33	PASS
	BandV	Sub –Test 2	4132	26.42	22.52	38.5	PASS
	BandV	Sub –Test 2	4182	26.37	22.83	38.5	PASS
	BandV	Sub –Test 2	4233	26.63	22.08	38.5	PASS
HSDP A	BandII	Sub –Test 3	9262	26.54	22.74	33	PASS
	BandII	Sub –Test 3	9400	26.27	22.65	33	PASS
	BandII	Sub –Test 3	9538	26.77	22.89	33	PASS
	BandV	Sub –Test 3	4132	26.45	22.68	38.5	PASS
	BandV	Sub –Test 3	4182	26.38	22.66	38.5	PASS
	BandV	Sub –Test 3	4233	26.64	22.06	38.5	PASS
HSDP A	BandII	Sub –Test 4	9262	26.54	22.73	33	PASS
	BandII	Sub –Test 4	9400	26.33	22.41	33	PASS
	BandII	Sub –Test 4	9538	26.05	22.05	33	PASS
	BandV	Sub –Test 4	4132	26.58	22.84	38.5	PASS
	BandV	Sub –Test 4	4182	26.25	22.68	38.5	PASS
	BandV	Sub –Test 4	4233	26.20	22.33	38.5	PASS
HSUP A	BandII	Sub –Test 1	9262	26.32	22.42	33	PASS
	BandII	Sub –Test 1	9400	26.06	22.08	33	PASS
	BandII	Sub –Test 1	9538	26.59	22.01	33	PASS
	BandV	Sub –Test 1	4132	26.25	22.67	38.5	PASS
	BandV	Sub –Test 1	4182	26.17	22.41	38.5	PASS
	BandV	Sub –Test 1	4233	26.41	22.43	38.5	PASS
HSUP	BandII	Sub –Test 2	9262	26.37	22.58	33	PASS

A	BandII	Sub –Test 2	9400	26.10	22.36	33	PASS
	BandII	Sub –Test 2	9538	26.57	22.73	33	PASS
	BandV	Sub –Test 2	4132	26.26	22.56	38.5	PASS
	BandV	Sub –Test 2	4182	26.19	22.55	38.5	PASS
	BandV	Sub –Test 2	4233	26.46	22.62	38.5	PASS
HSUP A	BandII	Sub –Test 3	9262	26.33	22.57	33	PASS
	BandII	Sub –Test 3	9400	26.08	22.09	33	PASS
	BandII	Sub –Test 3	9538	26.57	22.76	33	PASS
	BandV	Sub –Test 3	4132	26.26	22.34	38.5	PASS
	BandV	Sub –Test 3	4182	26.19	22.43	38.5	PASS
	BandV	Sub –Test 3	4233	26.45	22.68	38.5	PASS
HSUP A	BandII	Sub –Test 4	9262	26.36	22.72	33	PASS
	BandII	Sub –Test 4	9400	26.09	22.12	33	PASS
	BandII	Sub –Test 4	9538	26.57	22.03	33	PASS
	BandV	Sub –Test 4	4132	26.25	22.52	38.5	PASS
	BandV	Sub –Test 4	4182	26.20	22.68	38.5	PASS
	BandV	Sub –Test 4	4233	26.42	22.58	38.5	PASS
HSUP A	BandII	Sub –Test 5	9262	26.35	22.44	33	PASS
	BandII	Sub –Test 5	9400	26.05	22.13	33	PASS
	BandII	Sub –Test 5	9538	26.56	22.86	33	PASS
	BandV	Sub –Test 5	4132	26.28	22.36	38.5	PASS
	BandV	Sub –Test 5	4182	26.20	22.49	38.5	PASS
	BandV	Sub –Test 5	4233	26.46	22.82	38.5	PASS

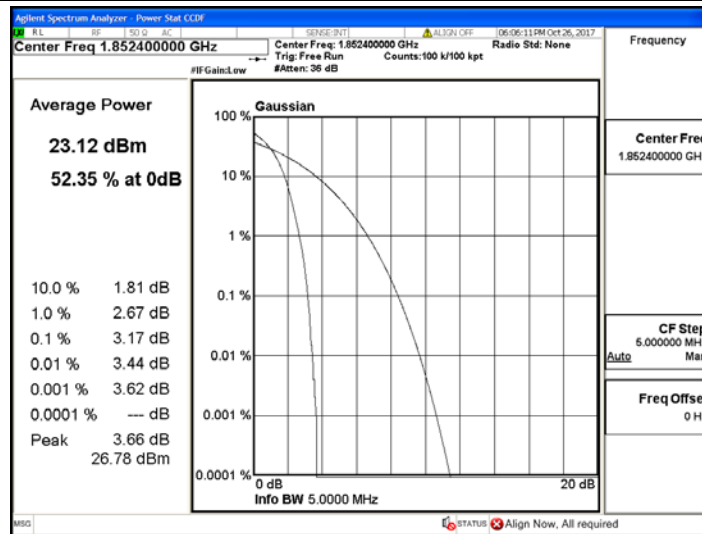
Appendix D.2: Peak-to-Average Ratio

Test Result

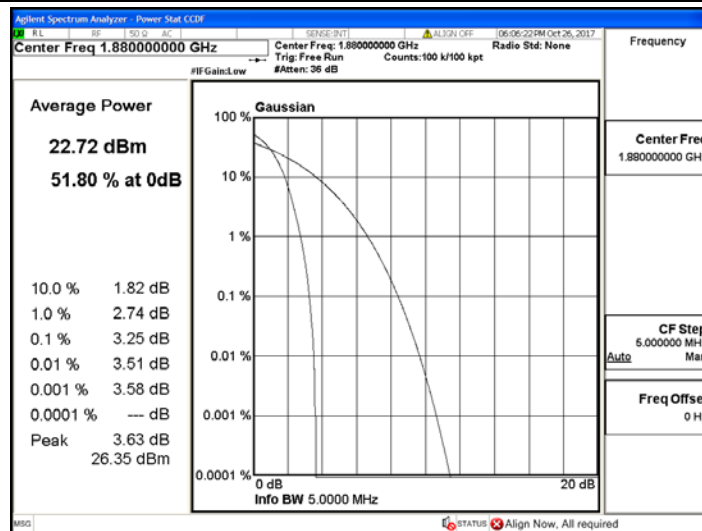
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	3.17	13	PASS
Band II	9400	3.51	13	PASS
Band II	9538	3.00	13	PASS
Band V	4132	2.80	13	PASS
Band V	4182	3.02	13	PASS
Band V	4233	2.70	13	PASS

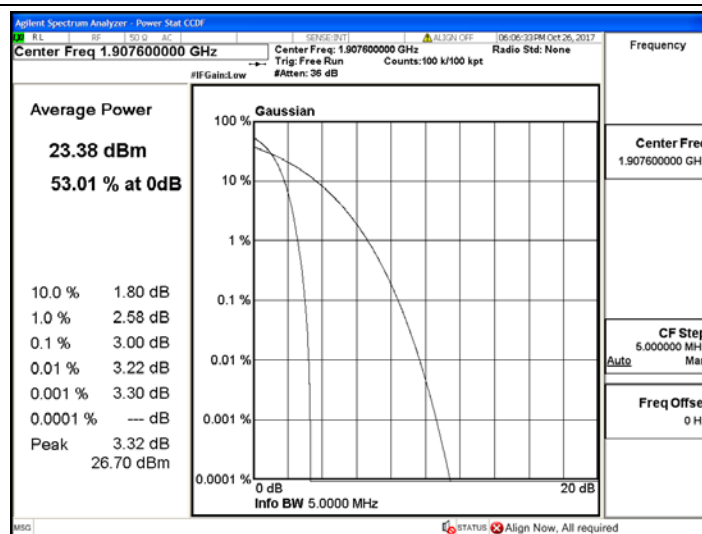
Band II_9262



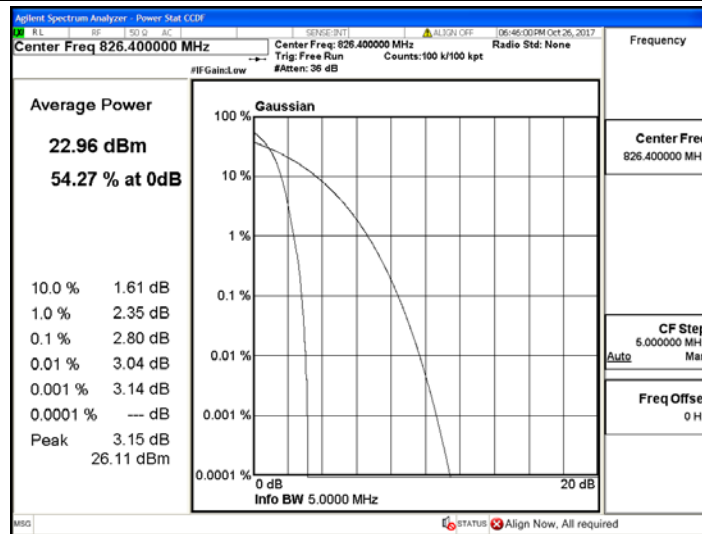
Band II_9400



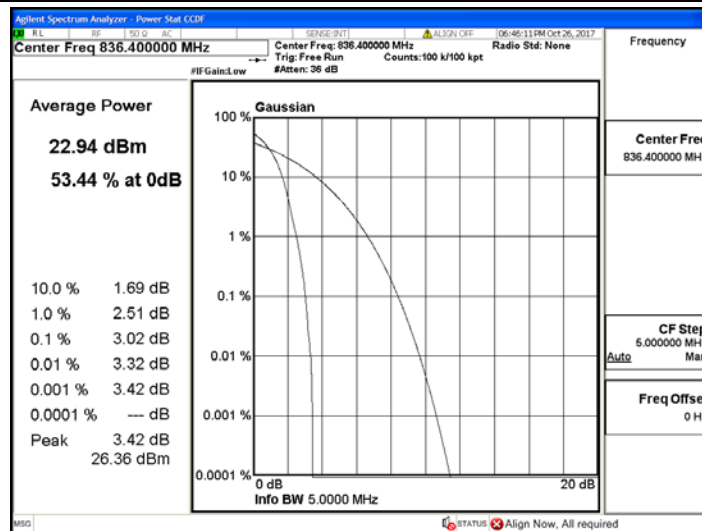
Band II_9538



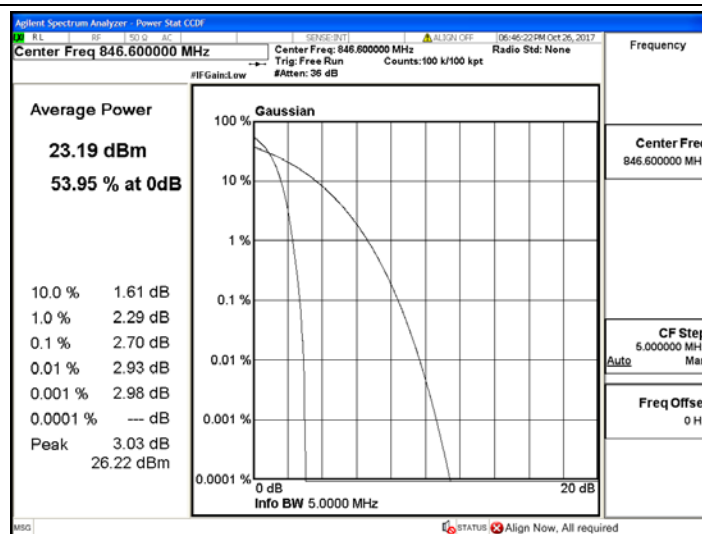
Band V_4132



Band II_4182



Band II_4233



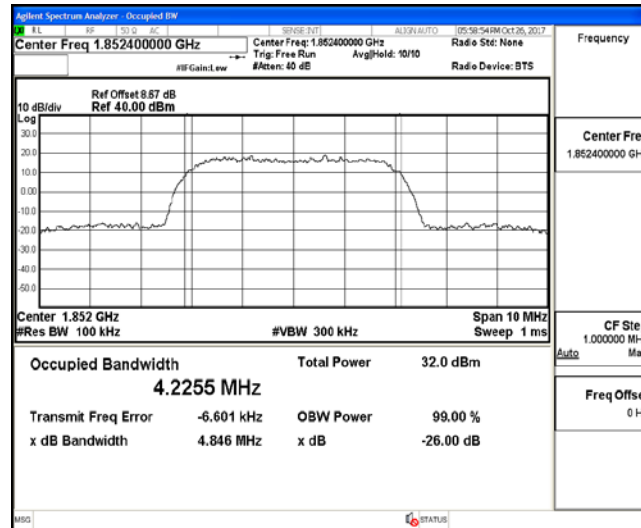
Appendix D.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

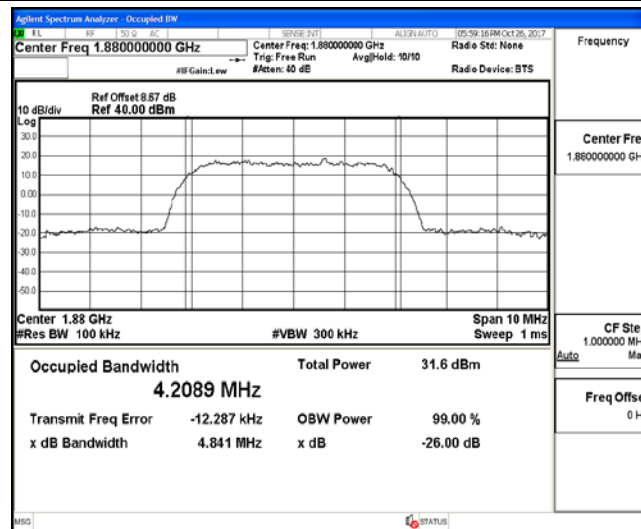
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4225.5	4846	---	PASS
Band II	9400	4208.9	4841	---	PASS
Band II	9538	4214.6	4863	---	PASS
Band V	4132	4158.8	4880	---	PASS
Band V	4182	4209.6	4868	---	PASS
Band V	4233	4213.1	4900	---	PASS

Test Graphs

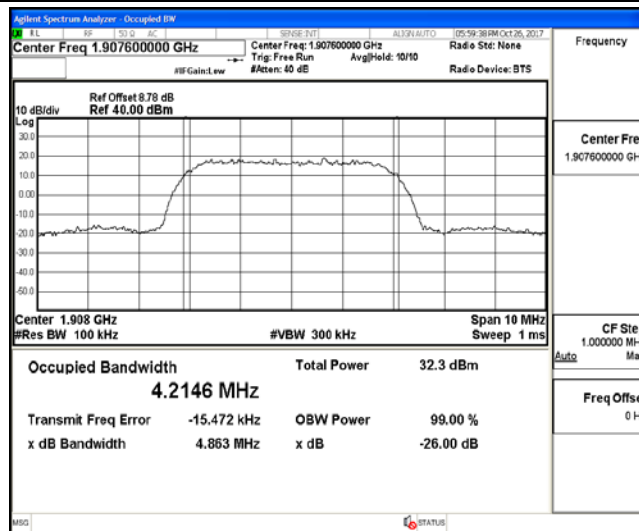
Band II_9262_4225.5_4846_---_PASS



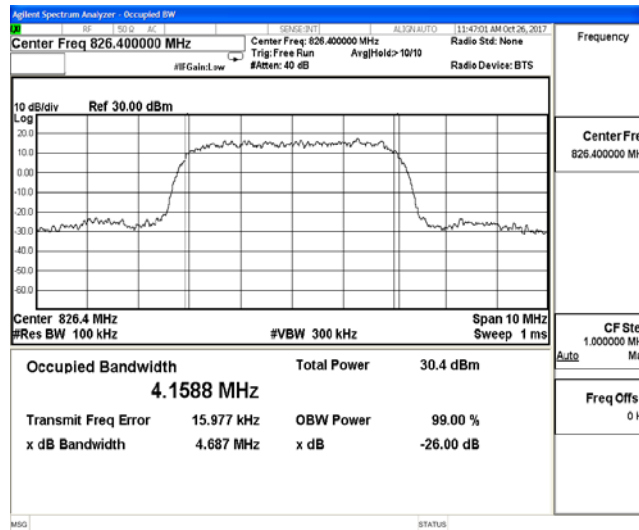
Band II_9400_4208.9_4841_---_PASS



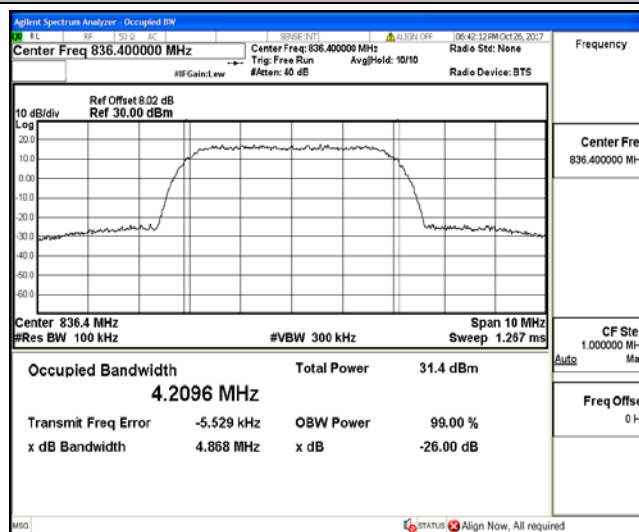
Band II_9538_4214.6_4863_---_PASS



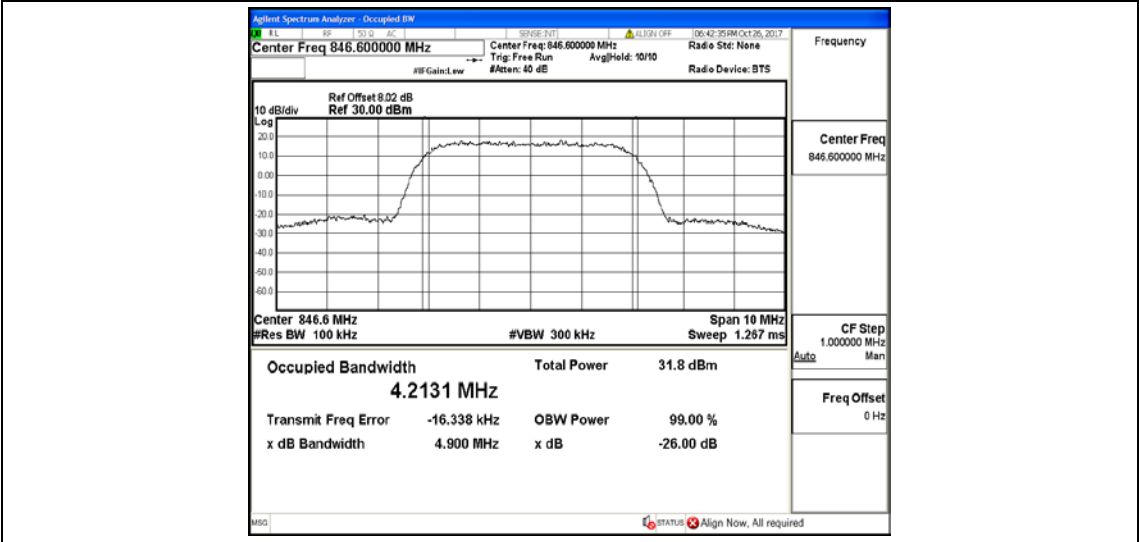
Band V_4132_4220.6_4880_---_PASS



Band V_4182_4209.6_4868_---_PASS



Band V_4233_4213.1_4900_---_PASS



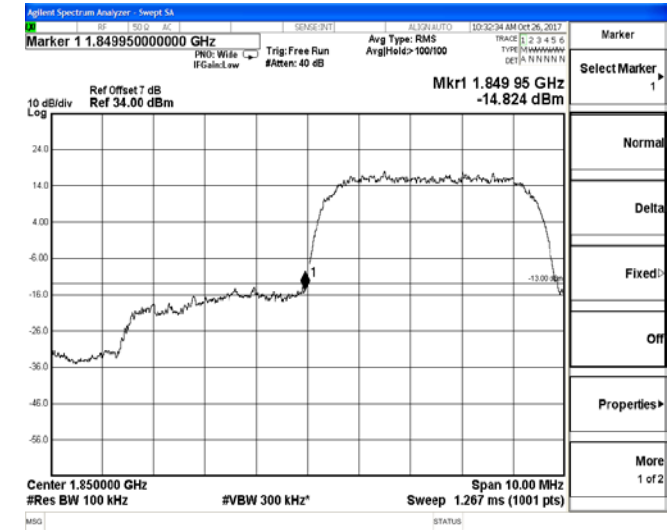
Appendix D.4: Band Edge

Test Result

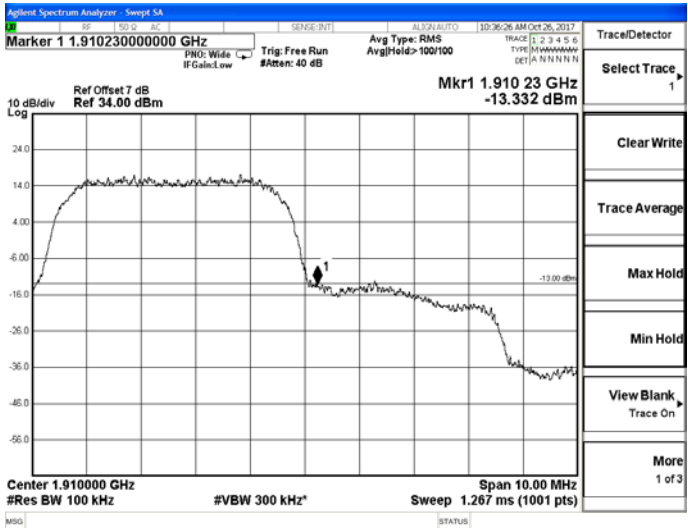
Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-14.824	-13	Pass
Band II	9538	-13.332	-13	Pass
Band V	4132	-15.353	-13	Pass
Band V	4233	-16.191	-13	Pass

Test Graphs

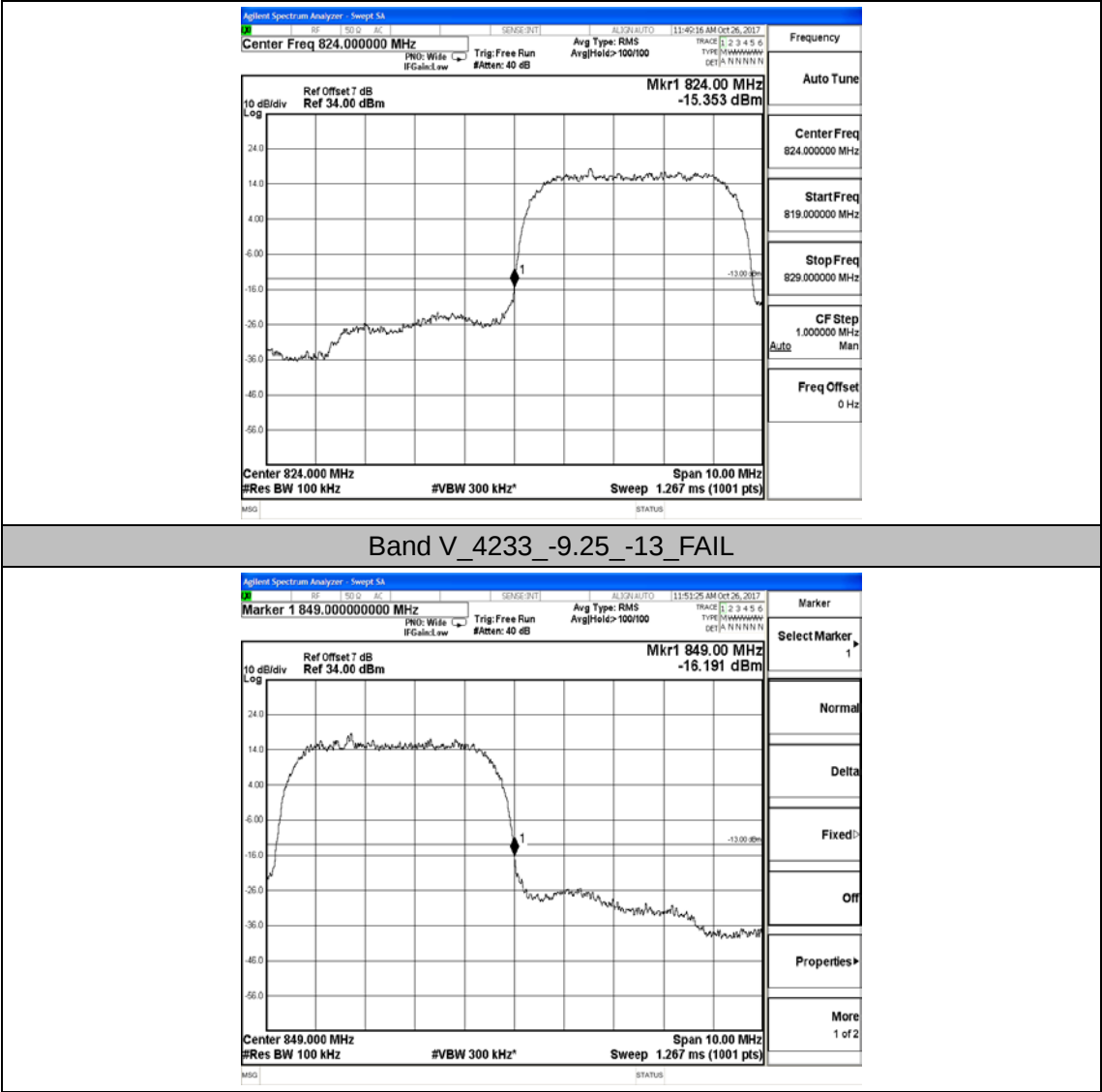
Band II_9262_-10.17_-13_FAIL



Band II_9538_-10.95_-13_FAIL



Band V_4132_-9.03_-13_FAIL



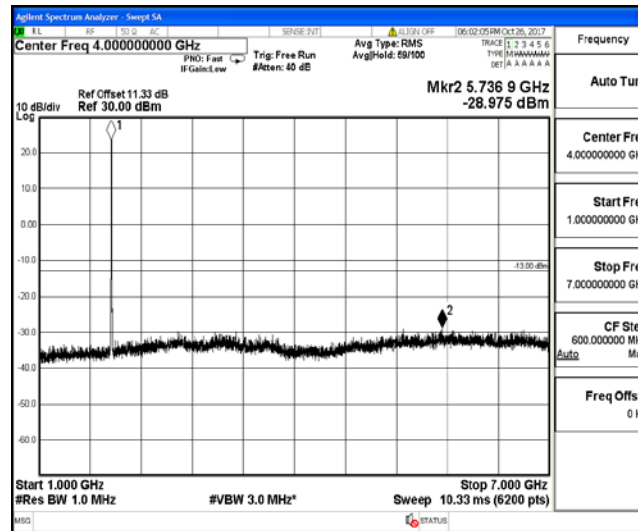
Appendix D.5: Conducted Spurious Emission

Test Result

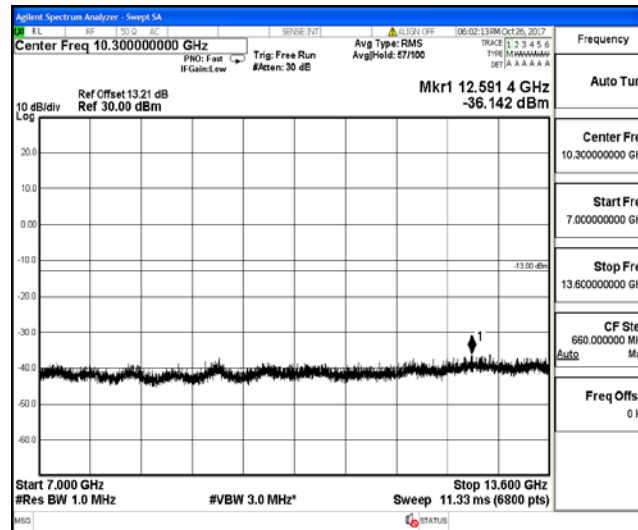
Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	0.15~30	-41.63	-13	PASS
Band II	9262	30~1000	-43.64	-13	PASS
Band II	9262	1000~7000	-28.97	-13	PASS
Band II	9262	7000~13600	-36.14	-13	PASS
Band II	9262	13600~20000	-33.29	-13	PASS
Band II	9400	0.15~30	-42.88	-13	PASS
Band II	9400	30~1000	-43.10	-13	PASS
Band II	9400	1000~7000	-28.52	-13	PASS
Band II	9400	7000~13600	-36.08	-13	PASS
Band II	9400	13600~20000	-33.47	-13	PASS
Band II	9538	1000~7000	-28.38	-13	PASS
Band II	9538	30~1000	-43.76	-13	PASS
Band II	9538	7000~13600	-35.26	-13	PASS
Band II	9538	13600~20000	-34.16	-13	PASS
Band II	9538	0.15~30	-41.77	-13	PASS
Band V	4132	0.009~0.15	-39.72	-13	PASS
Band V	4132	0.15~30	-42.29	-13	PASS
Band V	4132	30~1000	-44.06	-13	PASS
Band V	4132	1000~9000	-28.96	-13	PASS
Band V	4182	0.15~30	-42.42	-13	PASS
Band V	4182	30~1000	-43.80	-13	PASS
Band V	4182	1000~9000	-29.86	-13	PASS
Band V	4233	1000~9000	-29.65	-13	PASS
Band V	4233	0.15~30	-41.25	-13	PASS
Band V	4233	30~1000	-42.12	-13	PASS

Test Graphs

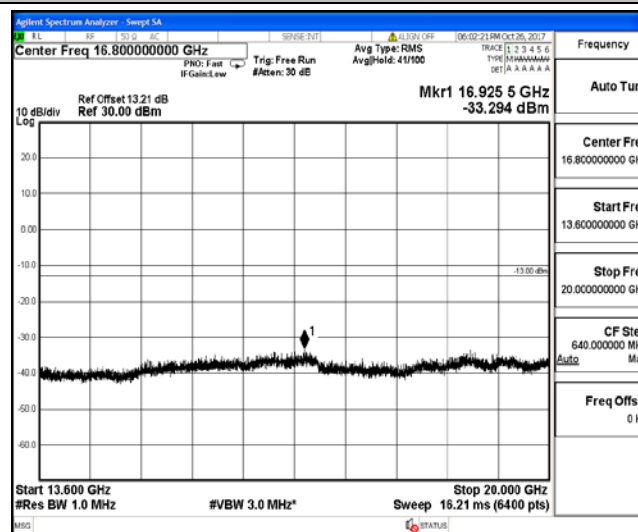




Band II_9262_7000~13600_-36.14_-13_PASS

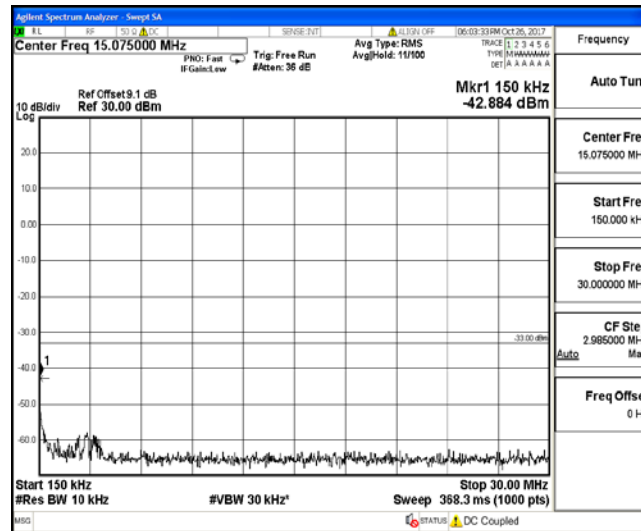


Band II_9262_13600~20000_-33.29_-13_PASS

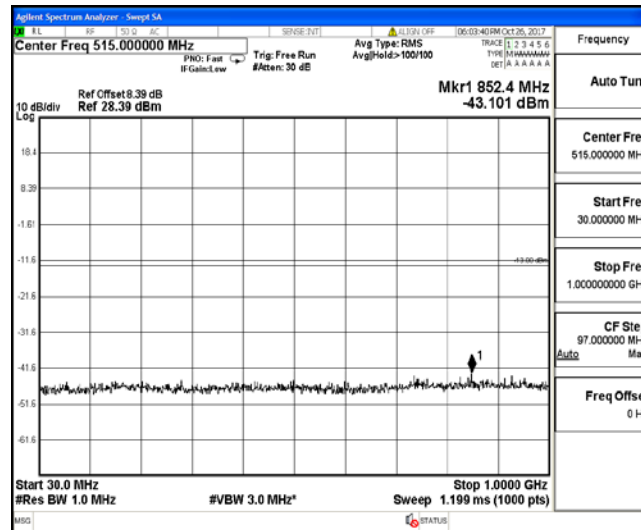


Band II_9262_0.009~0.15_-37.88_-13_FAIL

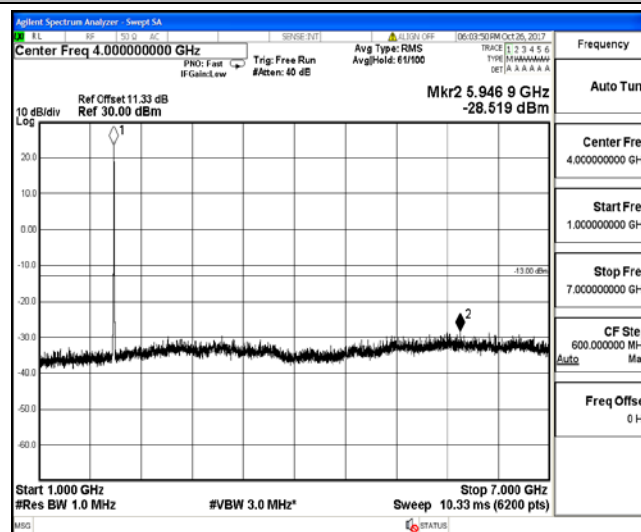
Band II_9400_0.15~30_-42.88_-13_PASS



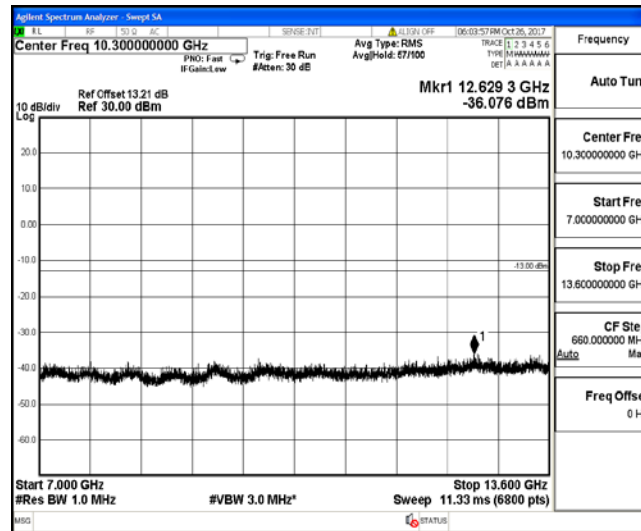
Band II_9400_30~1000_-43.10_-13_PASS



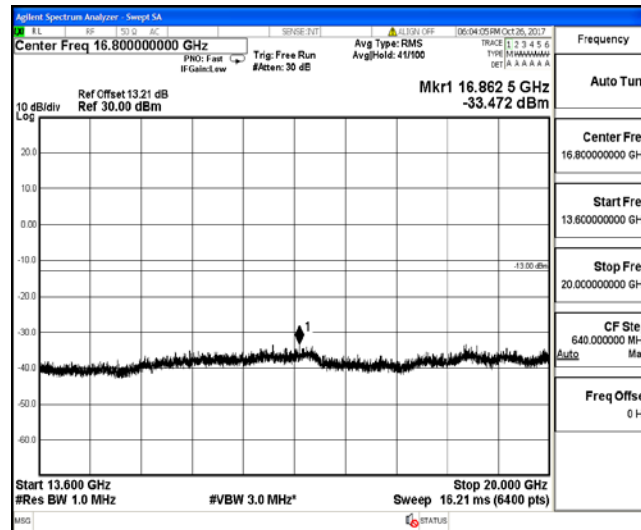
Band II_9400_1000~7000_-28.52_-13_PASS



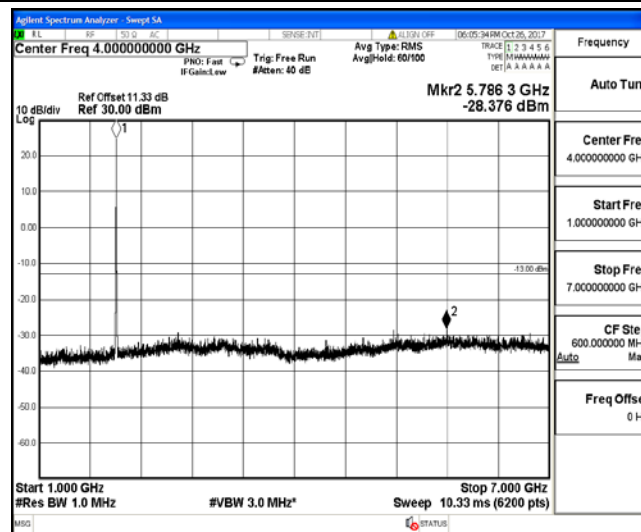
Band II_9400_7000~13600_-36.08_-13_PASS



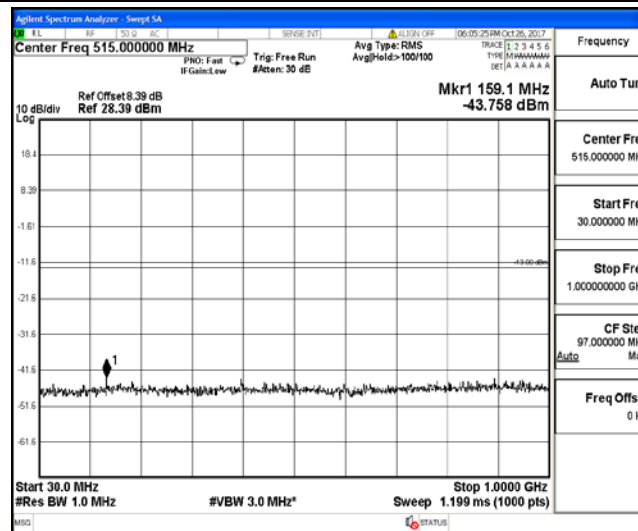
Band II_9400_13600~20000_-33.47_-13_PASS



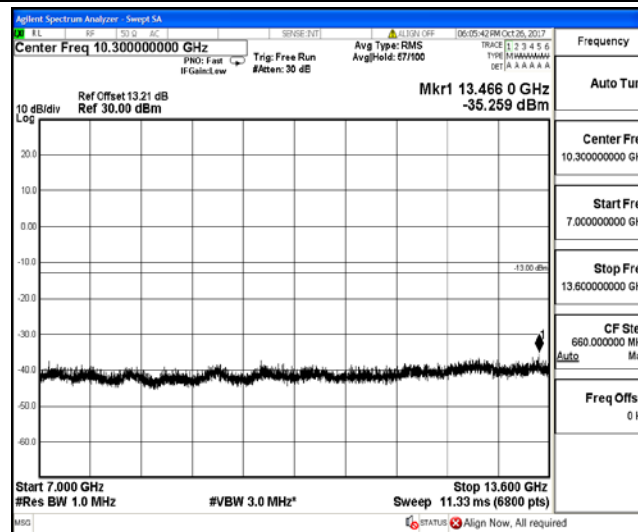
Band II_9538_1000~7000_-28.38_-13_PASS



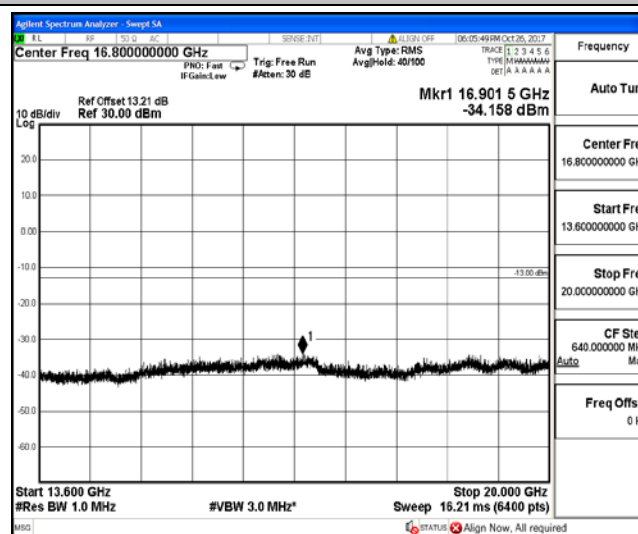
Band II_9538_30~1000_-43.76_-13_PASS



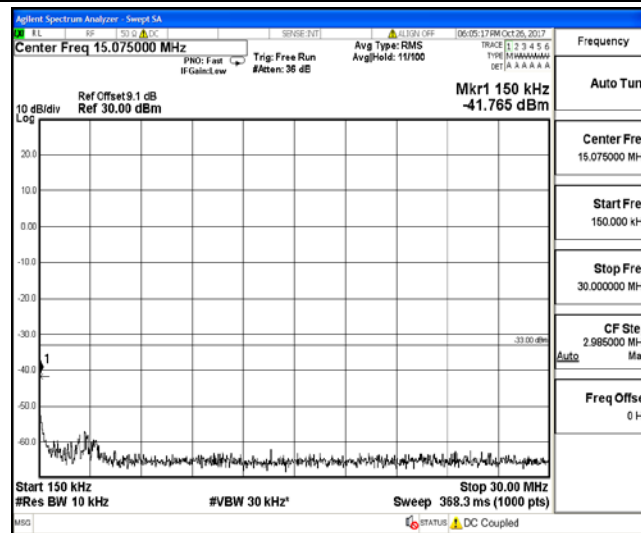
Band II_9538_7000~13600_-35.26_-13_PASS



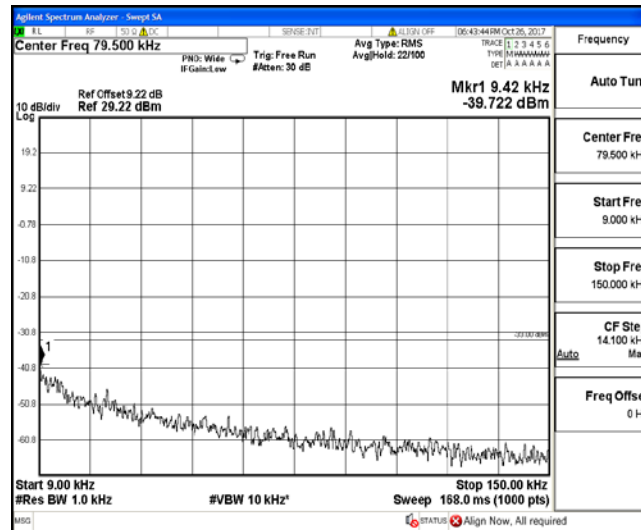
Band II_9538_13600~20000_-34.16_-13_PASS



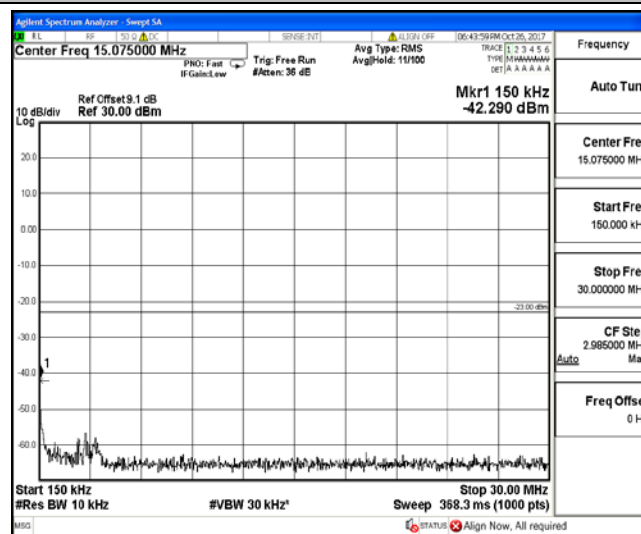
Band II_9538_0.15~30_-41.77_-13_PASS



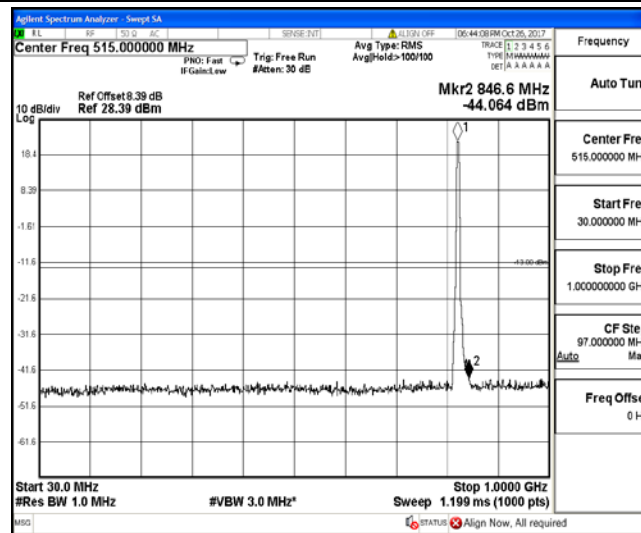
Band V_4132_0.009~0.15_-39.72_-13_PASS



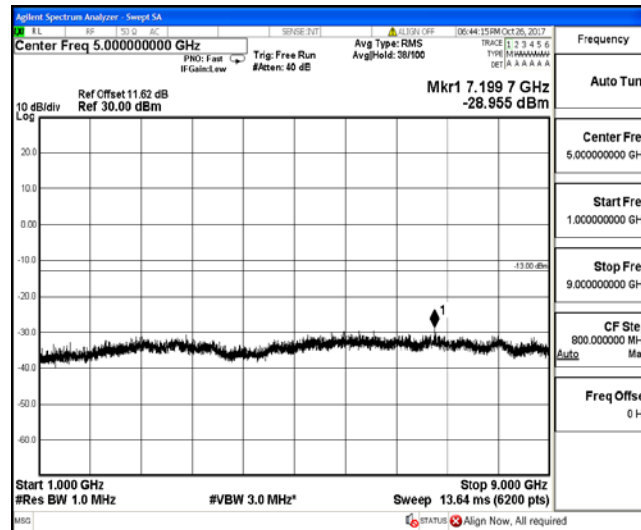
Band V_4132_0.15~30_-42.29_-13_PASS



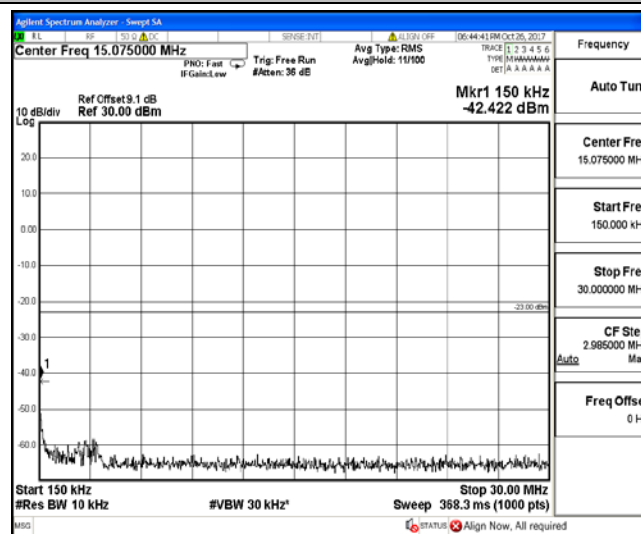
Band V_4132_30~1000_-44.06_-13_PASS



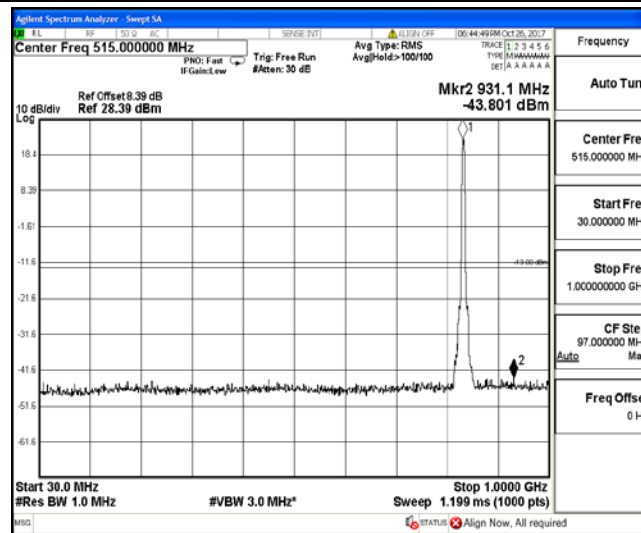
Band V_4132_1000~9000_-28.96_-13_PASS



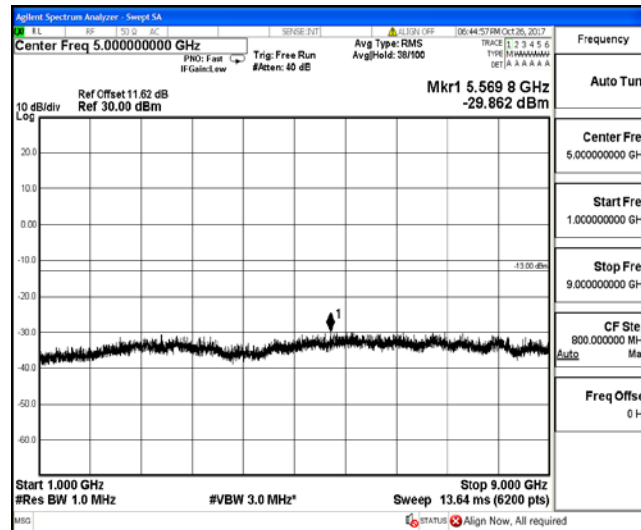
Band V_4182_0.15~30_-42.42_-13_PASS



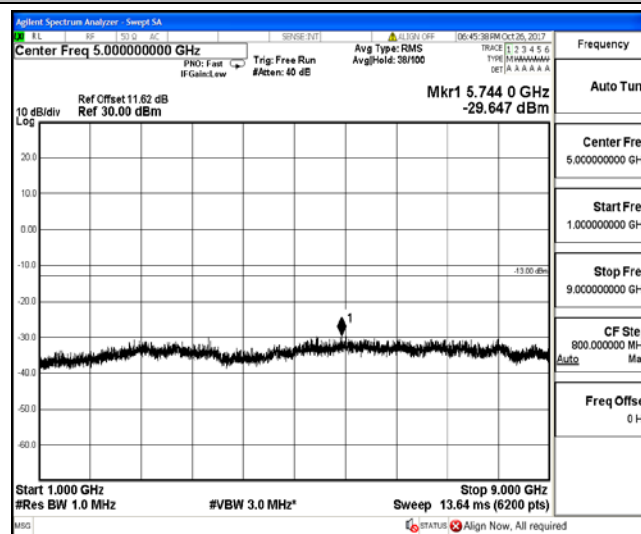
Band V_4182_30~1000_-43.80_-13_PASS



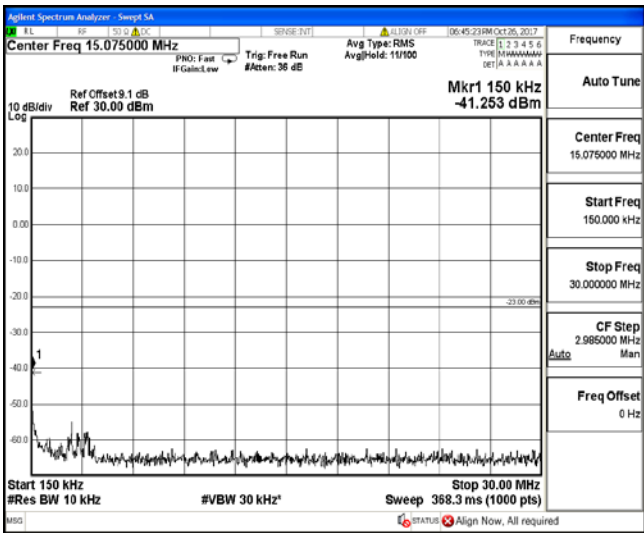
Band V_4182_1000~9000_-29.86_-13_PASS



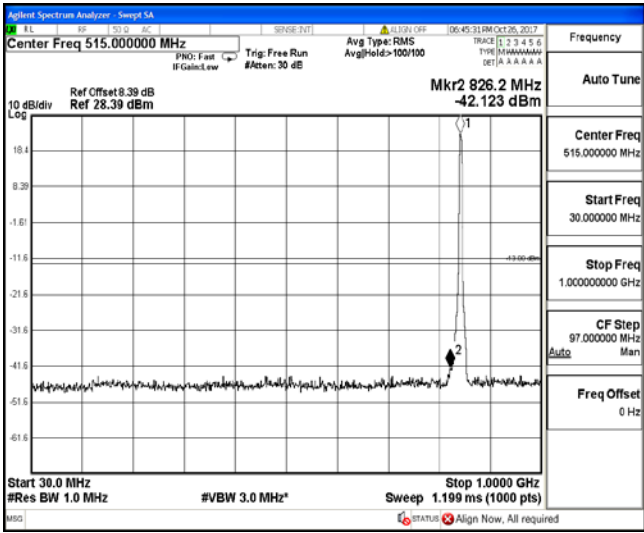
Band V_4233_1000~9000_-29.65_-13_PASS



Band V_4233_0.15~30_-41.25_-13_PASS



Band V_4233_30~1000_-42.12_-13_PASS



Appendix D.6: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VH	NT	0.14	0.000074	2.5	PASS
Band II	9262	VL	NT	-2.01	-0.001087	2.5	PASS
Band II	9262	VN	NT	1.19	0.000643	2.5	PASS
Band II	9400	VH	NT	4.70	0.002500	2.5	PASS
Band II	9400	VL	NT	-0.09	-0.000049	2.5	PASS
Band II	9400	VN	NT	-0.27	-0.000146	2.5	PASS
Band II	9538	VH	NT	-1.42	-0.000744	2.5	PASS
Band II	9538	VL	NT	-0.95	-0.000496	2.5	PASS
Band II	9538	VN	NT	3.43	0.001800	2.5	PASS
Band V	4132	VH	NT	2.66	0.003213	2.5	PASS
Band V	4132	VL	NT	1.51	0.001828	2.5	PASS
Band V	4132	VN	NT	-0.75	-0.000905	2.5	PASS
Band V	4182	VH	NT	5.58	0.006677	2.5	PASS
Band V	4182	VL	NT	4.07	0.004871	2.5	PASS
Band V	4182	VN	NT	2.06	0.002463	2.5	PASS
Band V	4233	VH	NT	0.32	0.000378	2.5	PASS
Band V	4233	VL	NT	-1.51	-0.001784	2.5	PASS
Band V	4233	VN	NT	0.24	0.000288	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	NV	0	-2.11	-0.001137	2.5	PASS
Band II	9262	NV	10	1.62	0.000873	2.5	PASS
Band II	9262	NV	-10	-0.92	-0.000494	2.5	PASS
Band II	9262	NV	20	-1.17	-0.000634	2.5	PASS
Band II	9262	NV	-20	-0.34	-0.000181	2.5	PASS
Band II	9262	NV	30	5.40	0.002916	2.5	PASS
Band II	9262	NV	-30	-4.71	-0.002545	2.5	PASS
Band II	9262	NV	40	-0.50	-0.000272	2.5	PASS
Band II	9262	NV	50	-1.19	-0.000643	2.5	PASS
Band II	9400	NV	0	0.18	0.000097	2.5	PASS
Band II	9400	NV	10	-1.82	-0.000966	2.5	PASS
Band II	9400	NV	-10	-2.91	-0.001550	2.5	PASS
Band II	9400	NV	20	0.34	0.000179	2.5	PASS
Band II	9400	NV	-20	-0.56	-0.000300	2.5	PASS
Band II	9400	NV	30	-4.35	-0.002313	2.5	PASS
Band II	9400	NV	-30	-4.21	-0.002240	2.5	PASS
Band II	9400	NV	40	-3.95	-0.002102	2.5	PASS
Band II	9400	NV	50	-3.34	-0.001777	2.5	PASS
Band II	9538	NV	0	2.46	0.001288	2.5	PASS

Band II	9538	NV	10	2.01	0.001056	2.5	PASS
Band II	9538	NV	-10	-1.71	-0.000896	2.5	PASS
Band II	9538	NV	20	-3.51	-0.001840	2.5	PASS
Band II	9538	NV	-20	-0.34	-0.000176	2.5	PASS
Band II	9538	NV	30	3.34	0.001752	2.5	PASS
Band II	9538	NV	-30	-1.36	-0.000712	2.5	PASS
Band II	9538	NV	40	1.33	0.000696	2.5	PASS
Band II	9538	NV	50	0.69	0.000360	2.5	PASS
Band V	4132	NV	0	1.88	0.002271	2.5	PASS
Band V	4132	NV	10	-0.41	-0.000499	2.5	PASS
Band V	4132	NV	-10	0.35	0.000425	2.5	PASS
Band V	4132	NV	20	6.26	0.007570	2.5	PASS
Band V	4132	NV	-20	-0.15	-0.000185	2.5	PASS
Band V	4132	NV	30	2.30	0.002788	2.5	PASS
Band V	4132	NV	-30	-0.29	-0.000351	2.5	PASS
Band V	4132	NV	40	-1.01	-0.001219	2.5	PASS
Band V	4132	NV	50	1.04	0.001256	2.5	PASS
Band V	4182	NV	0	0.73	0.000876	2.5	PASS
Band V	4182	NV	10	0.55	0.000657	2.5	PASS
Band V	4182	NV	-10	8.00	0.009560	2.5	PASS
Band V	4182	NV	20	7.42	0.008866	2.5	PASS
Band V	4182	NV	-20	3.13	0.003740	2.5	PASS
Band V	4182	NV	30	-0.03	-0.000036	2.5	PASS
Band V	4182	NV	-30	0.69	0.000821	2.5	PASS
Band V	4182	NV	40	3.65	0.004360	2.5	PASS
Band V	4182	NV	50	4.93	0.005893	2.5	PASS
Band V	4233	NV	0	1.68	0.001983	2.5	PASS
Band V	4233	NV	10	2.44	0.002884	2.5	PASS
Band V	4233	NV	-10	1.01	0.001190	2.5	PASS
Band V	4233	NV	20	-1.25	-0.001478	2.5	PASS
Band V	4233	NV	-20	-2.43	-0.002866	2.5	PASS
Band V	4233	NV	30	0.44	0.000523	2.5	PASS
Band V	4233	NV	-30	-2.26	-0.002667	2.5	PASS
Band V	4233	NV	40	0.58	0.000685	2.5	PASS
Band V	4233	NV	50	0.72	0.000847	2.5	PASS