

WCDMA Band5 Test Data

Report No. ENS2311100034W00104R Page 17 and Page 19
Appendix A: Effective (Isotropic) Radiated Power Output Data

Report No. ENS2311100034W00104R Page 31
Appendix B: Peak-to-Average Ratio

Report No. ENS2311100034W00104R Page 22
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Report No. ENS2311100034W00104R Page 23
Appendix D: Band Edge

Report No. ENS2311100034W00104R Page 24
Appendix E: Conducted Spurious Emission

Report No. ENS2311100034W00104R Page 30
Appendix F: Frequency Stability

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	22.39	38.5	PASS
Band5	4183	22.35	38.5	PASS
Band5	4233	22.24	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.18	38.5	PASS
Band5	4132	2	20.72	38.5	PASS
Band5	4132	3	20.75	38.5	PASS
Band5	4132	4	20.75	38.5	PASS
Band5	4183	1	21.15	38.5	PASS
Band5	4183	2	20.72	38.5	PASS
Band5	4183	3	20.73	38.5	PASS
Band5	4183	4	20.72	38.5	PASS
Band5	4233	1	21.20	38.5	PASS
Band5	4233	2	20.86	38.5	PASS
Band5	4233	3	20.90	38.5	PASS
Band5	4233	4	20.60	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.36	38.5	PASS
Band5	4132	2	20.10	38.5	PASS
Band5	4132	3	20.58	38.5	PASS
Band5	4132	4	19.63	38.5	PASS
Band5	4132	5	21.67	38.5	PASS
Band5	4183	1	21.34	38.5	PASS
Band5	4183	2	20.14	38.5	PASS
Band5	4183	3	20.63	38.5	PASS
Band5	4183	4	19.54	38.5	PASS
Band5	4183	5	21.61	38.5	PASS
Band5	4233	1	21.42	38.5	PASS

Band5	4233	2	19.83	38.5	PASS
Band5	4233	3	20.79	38.5	PASS
Band5	4233	4	19.57	38.5	PASS
Band5	4233	5	21.80	38.5	PASS



Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	2.88	13	PASS
Band5	4183	2.86	13	PASS
Band5	4233	2.82	13	PASS

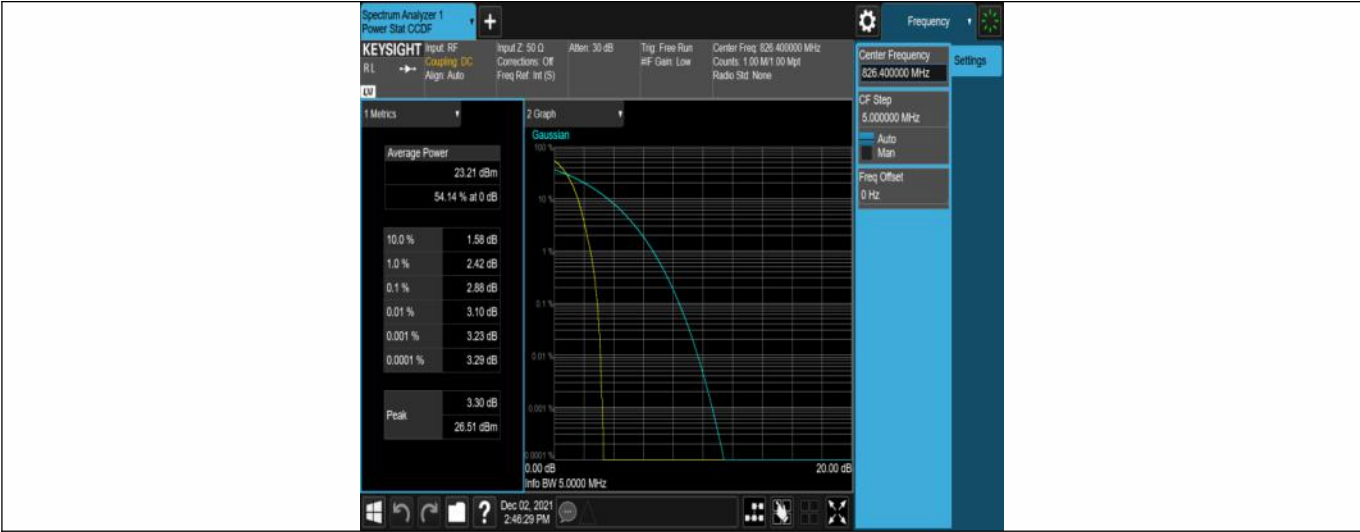
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	2.93	13	PASS
Band5	4132	2	3.37	13	PASS
Band5	4132	3	3.59	13	PASS
Band5	4132	4	3.63	13	PASS
Band5	4183	1	2.94	13	PASS
Band5	4183	2	3.41	13	PASS
Band5	4183	3	3.62	13	PASS
Band5	4183	4	3.66	13	PASS
Band5	4233	1	3	13	PASS
Band5	4233	2	3.55	13	PASS
Band5	4233	3	3.76	13	PASS
Band5	4233	4	3.79	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.16	13	PASS
Band5	4132	2	5.04	13	PASS
Band5	4132	3	4.86	13	PASS
Band5	4132	4	5.04	13	PASS
Band5	4132	5	4.02	13	PASS
Band5	4183	1	4.32	13	PASS
Band5	4183	2	5.44	13	PASS
Band5	4183	3	4.98	13	PASS
Band5	4183	4	5.42	13	PASS
Band5	4183	5	4.52	13	PASS
Band5	4233	1	4.32	13	PASS

Band5	4233	2	5.43	13	PASS
Band5	4233	3	5.01	13	PASS
Band5	4233	4	5.44	13	PASS
Band5	4233	5	4.54	13	PASS



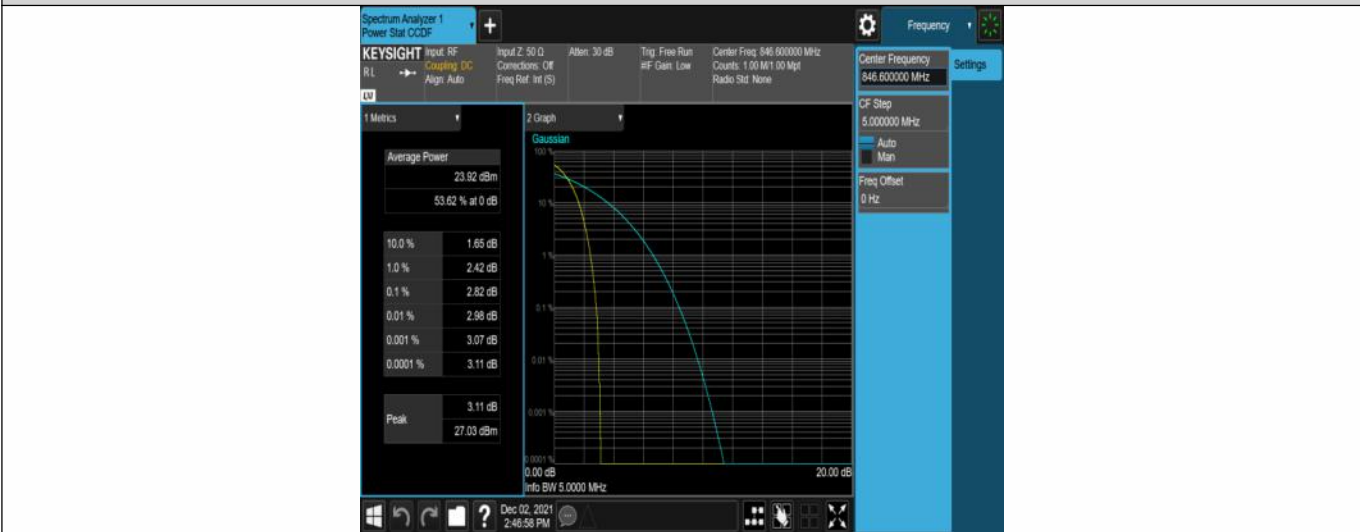
Test Graphs



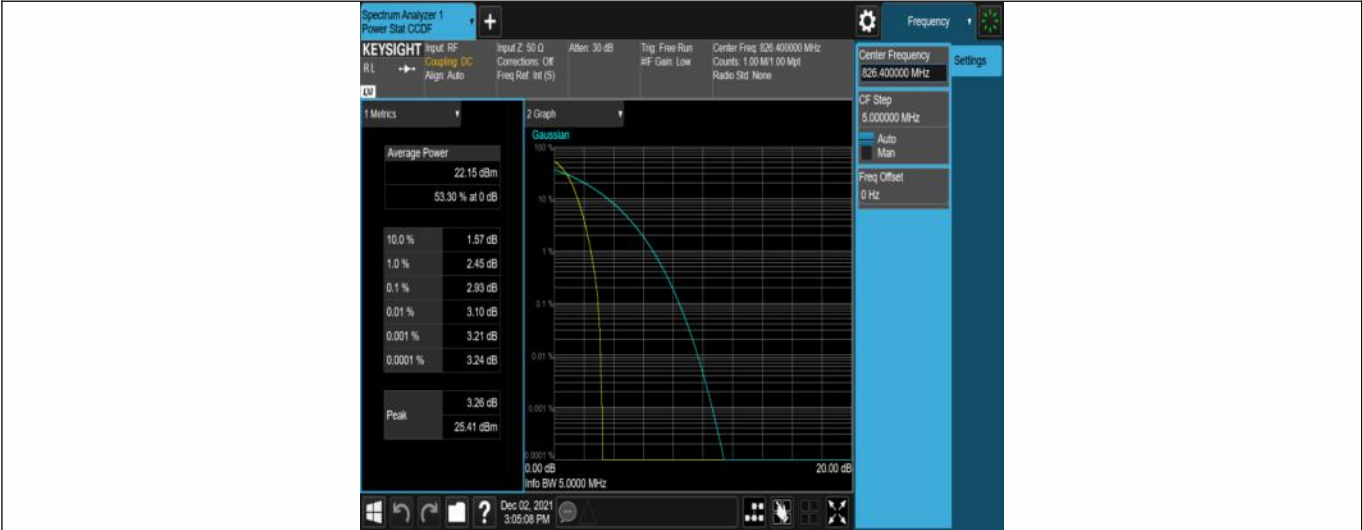
Band5-4132



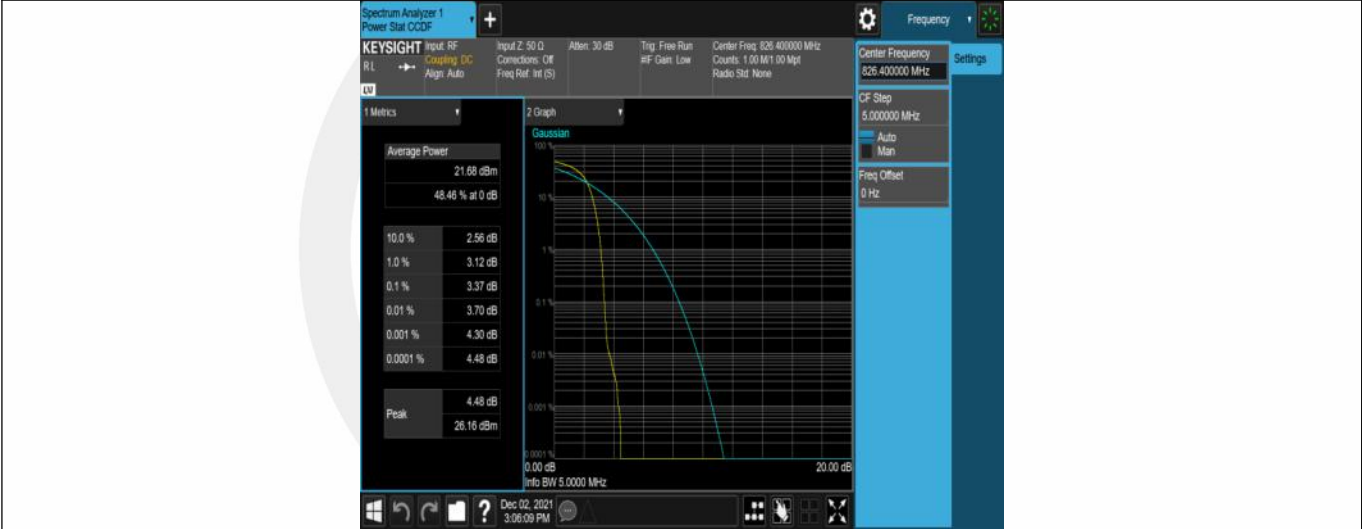
Band5-4183



Band5-4233



Band5-4132-1



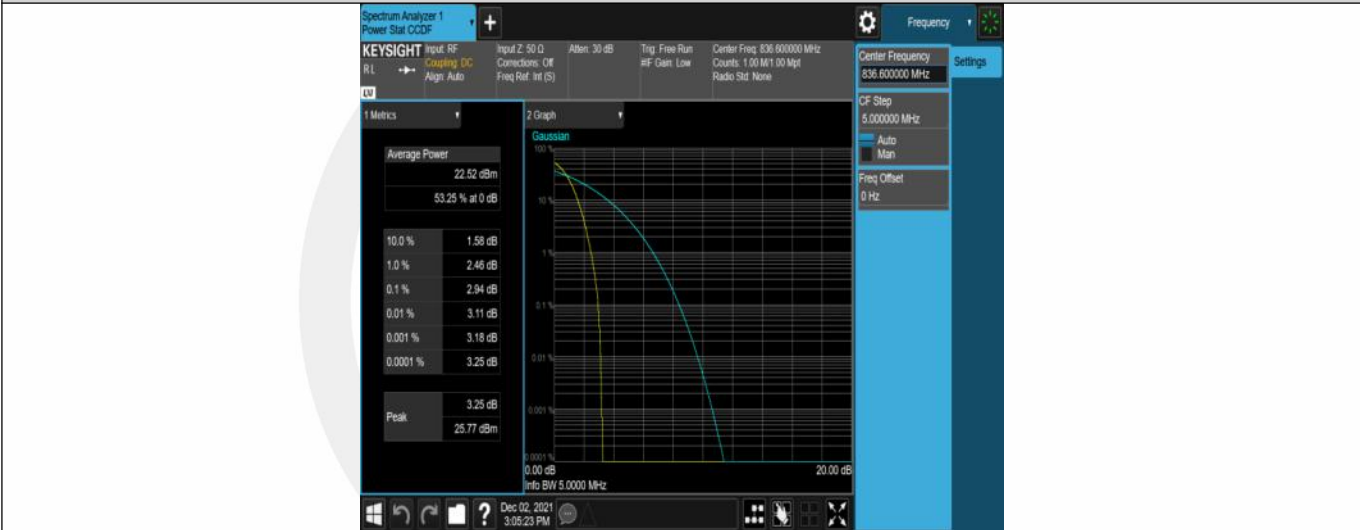
Band5-4132-2



Band5-4132-3



Band5-4132-4



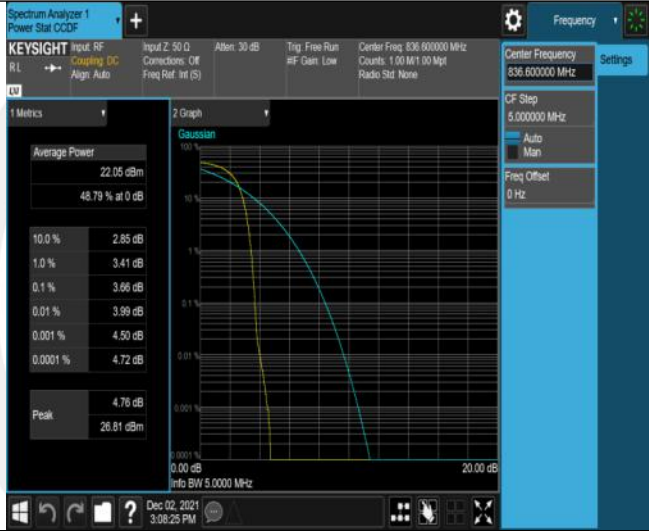
Band5-4183-1



Band5-4183-2



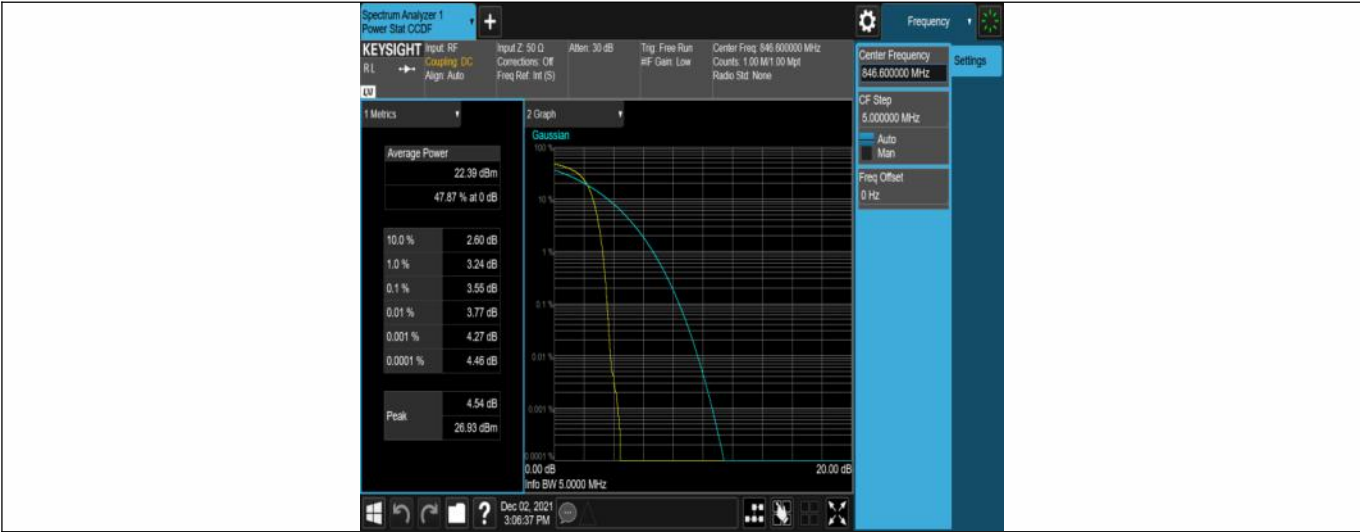
Band5-4183-3



Band5-4183-4



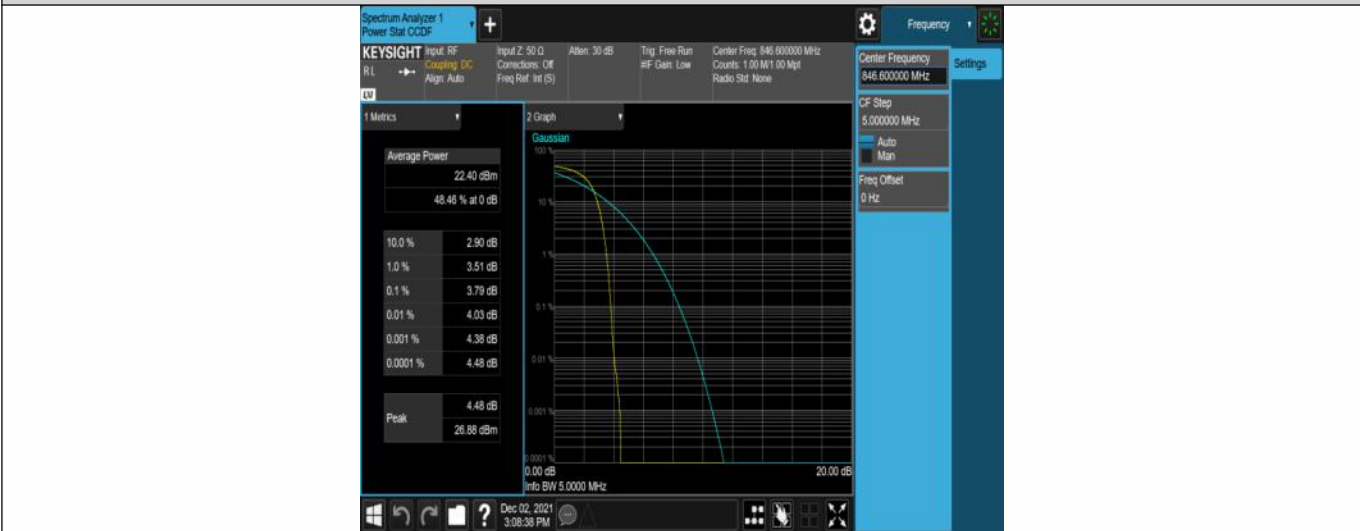
Band5-4233-1



Band5-4233-2



Band5-4233-3



Band5-4233-4



Band5-4132-1



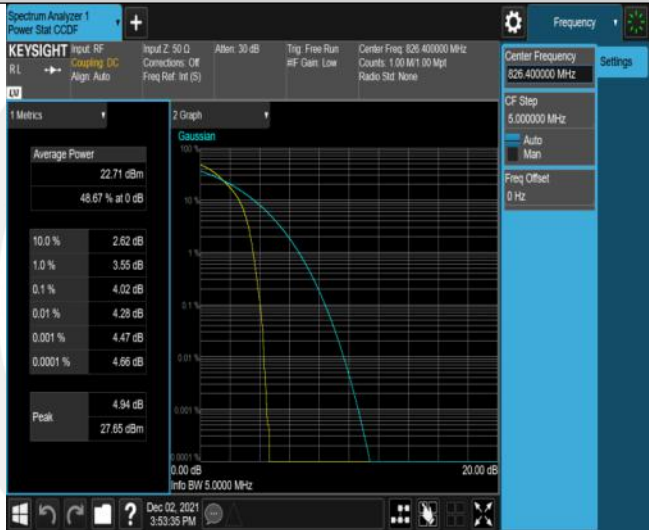
Band5-4132-2



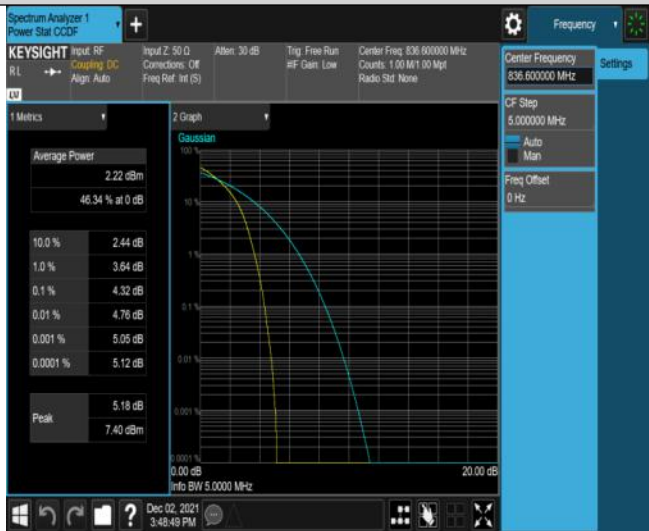
Band5-4132-3



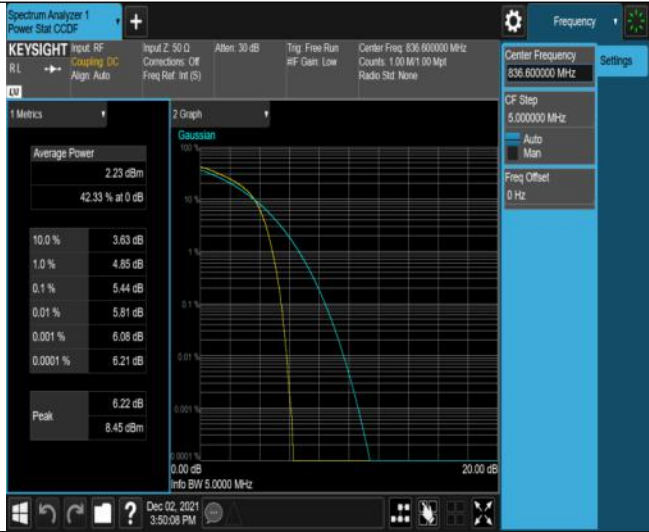
Band5-4132-4



Band5-4132-5



Band5-4183-1



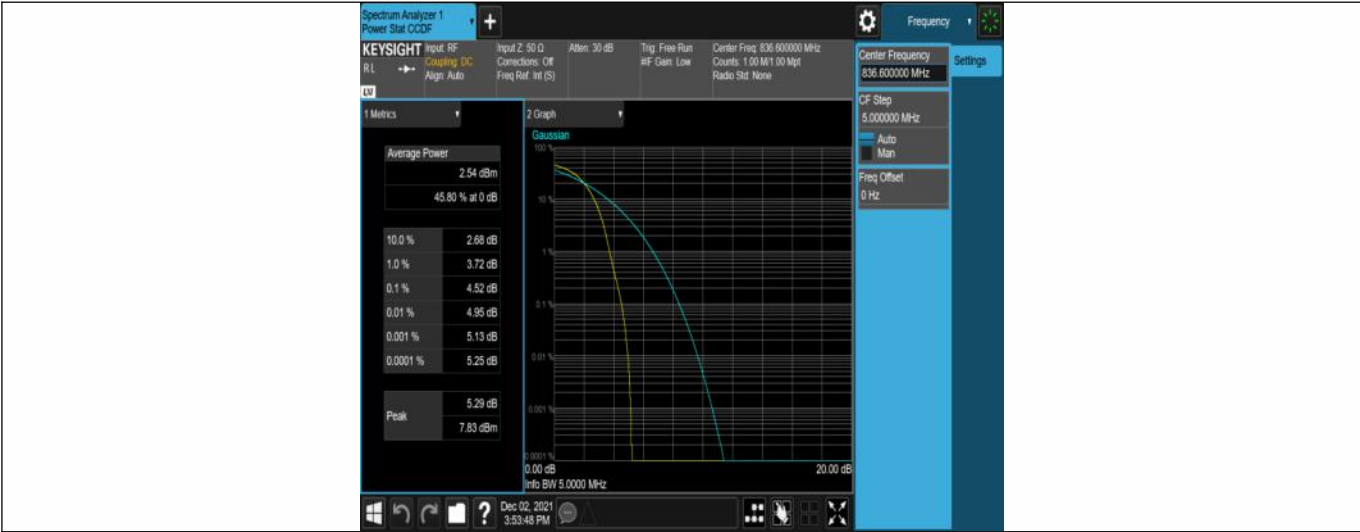
Band5-4183-2



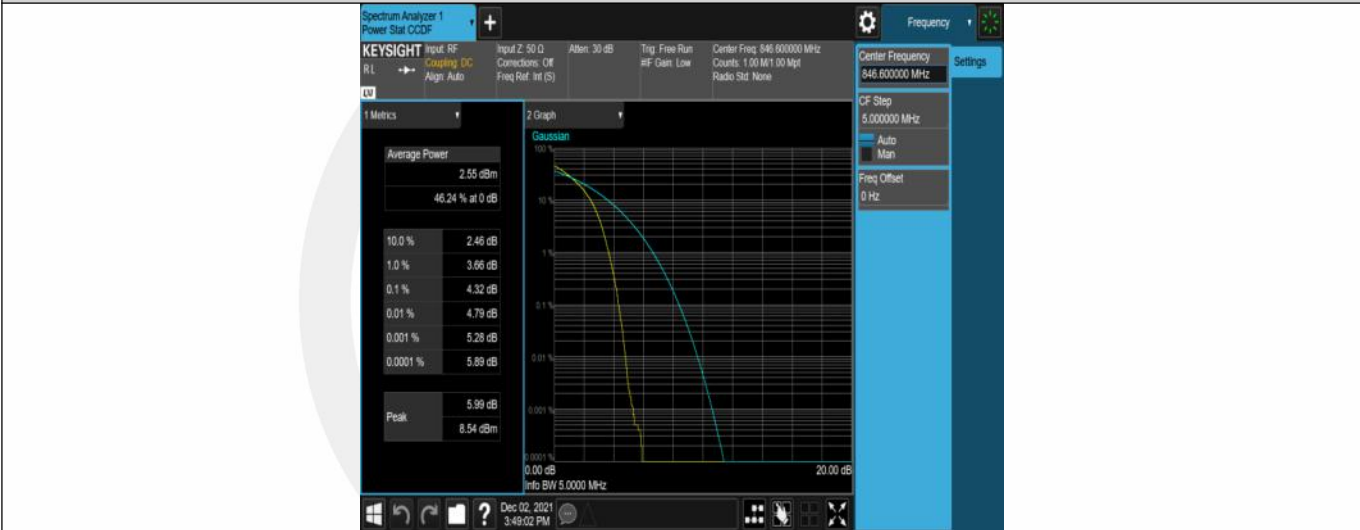
Band5-4183-3



Band5-4183-4



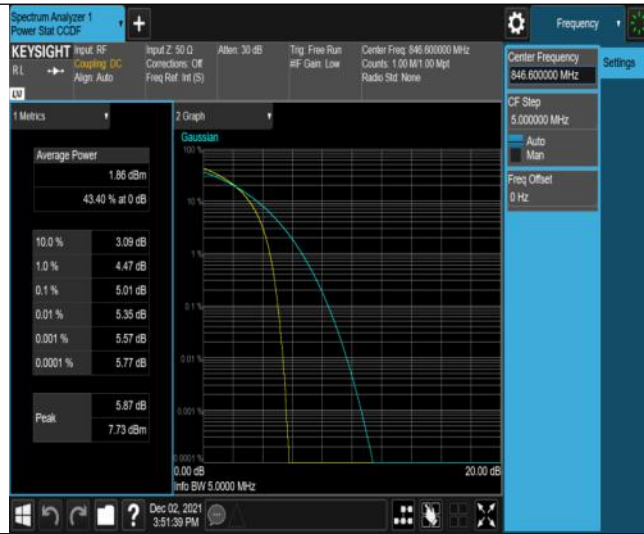
Band5-4183-5



Band5-4233-1



Band5-4233-2



Band5-4233-3



Band5-4233-4



Band5-4233-5

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	4.1594	4.749	---	PASS
Band5	4183	4.1570	4.749	---	PASS
Band5	4233	4.1590	4.746	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.1522	4.734	---	PASS
Band5	4132	2	4.1505	4.717	---	PASS
Band5	4132	3	4.1514	4.703	---	PASS
Band5	4132	4	4.1468	4.703	---	PASS
Band5	4183	1	4.1550	4.723	---	PASS
Band5	4183	2	4.1489	4.712	---	PASS
Band5	4183	3	4.1557	4.707	---	PASS
Band5	4183	4	4.1489	4.707	---	PASS
Band5	4233	1	4.1549	4.720	---	PASS
Band5	4233	2	4.1492	4.711	---	PASS
Band5	4233	3	4.1467	4.701	---	PASS
Band5	4233	4	4.1478	4.703	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.1580	4.738	---	PASS
Band5	4132	2	4.1515	4.710	---	PASS
Band5	4132	3	4.1554	4.754	---	PASS
Band5	4132	4	4.1519	4.724	---	PASS
Band5	4132	5	4.1470	4.719	---	PASS
Band5	4183	1	4.1534	4.727	---	PASS
Band5	4183	2	4.1546	4.739	---	PASS
Band5	4183	3	4.1504	4.724	---	PASS

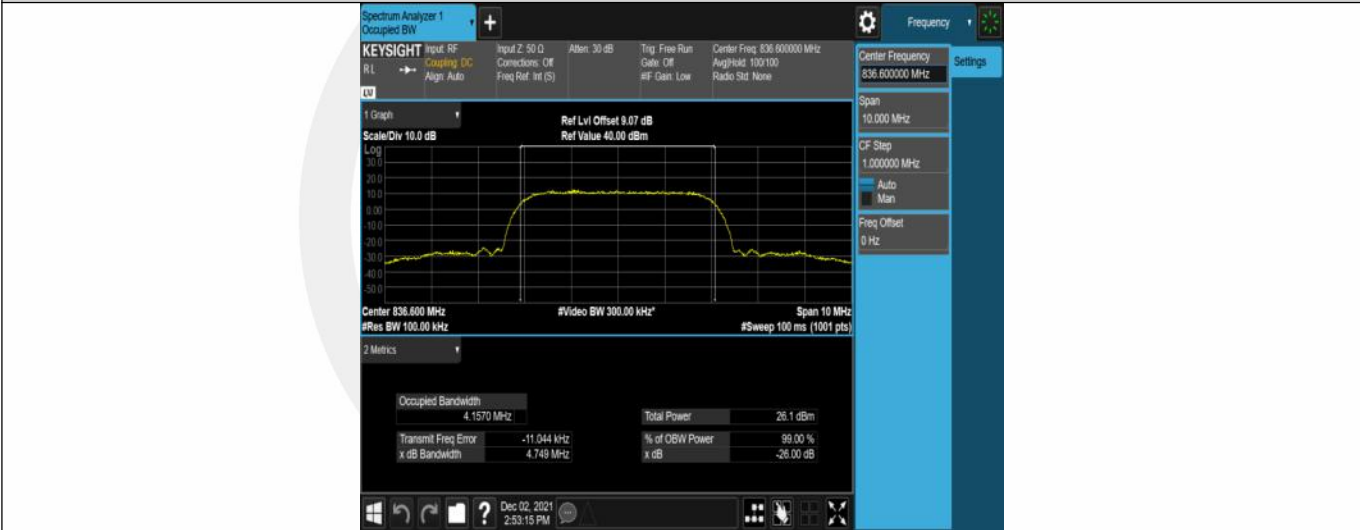
Band5	4183	4	4.1483	4.731	---	PASS
Band5	4183	5	4.1522	4.730	---	PASS
Band5	4233	1	4.1453	4.734	---	PASS
Band5	4233	2	4.1501	4.727	---	PASS
Band5	4233	3	4.1495	4.726	---	PASS
Band5	4233	4	4.1463	4.723	---	PASS
Band5	4233	5	4.1416	4.731	---	PASS



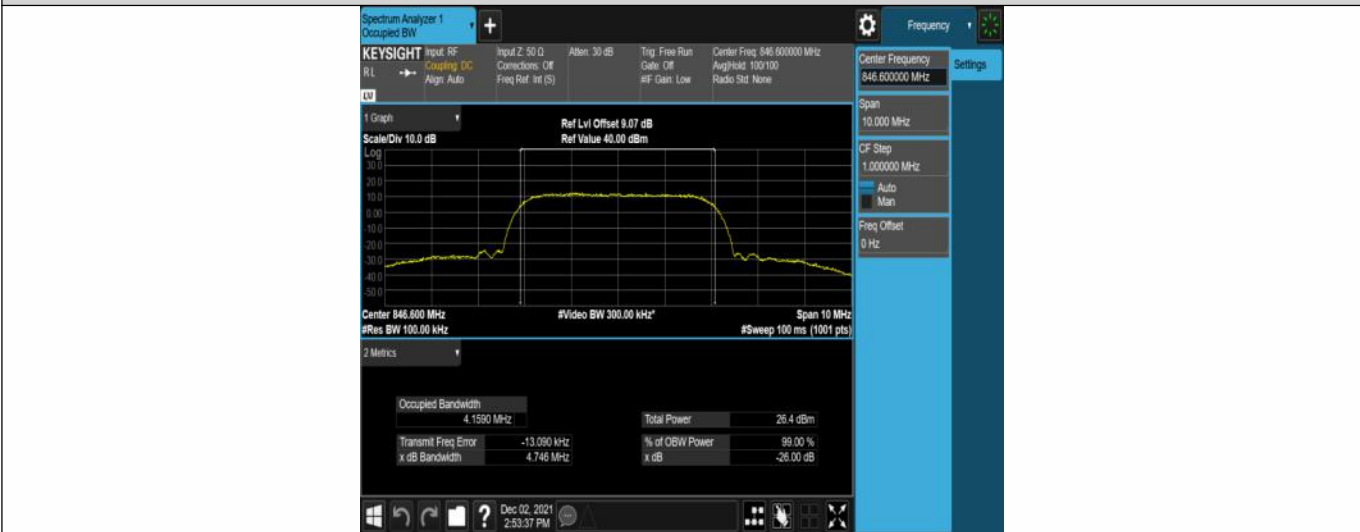
Test Graphs



Band5-4132-4.749



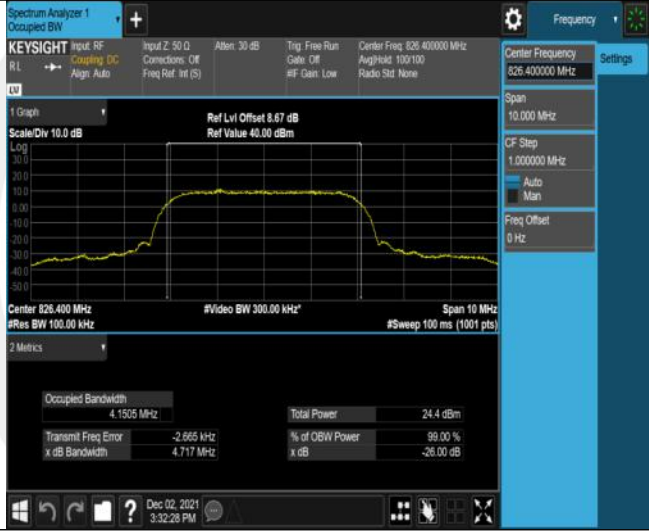
Band5-4183-4.749



Band5-4233-4.746



Band5-4132-1-4.734



Band5-4132-2-4.717



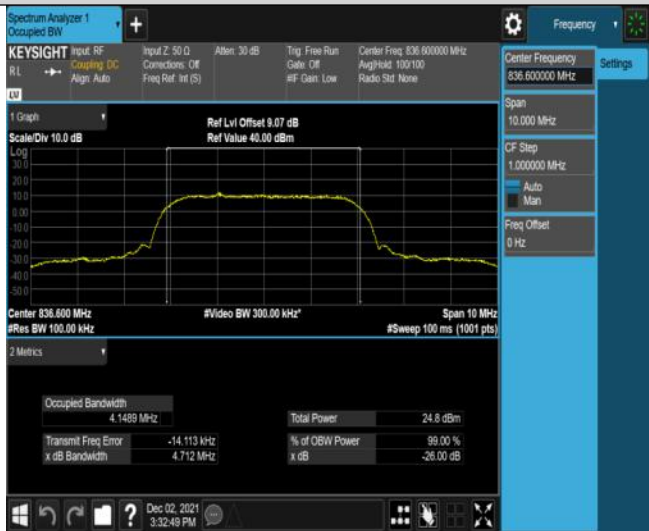
Band5-4132-3-4.703



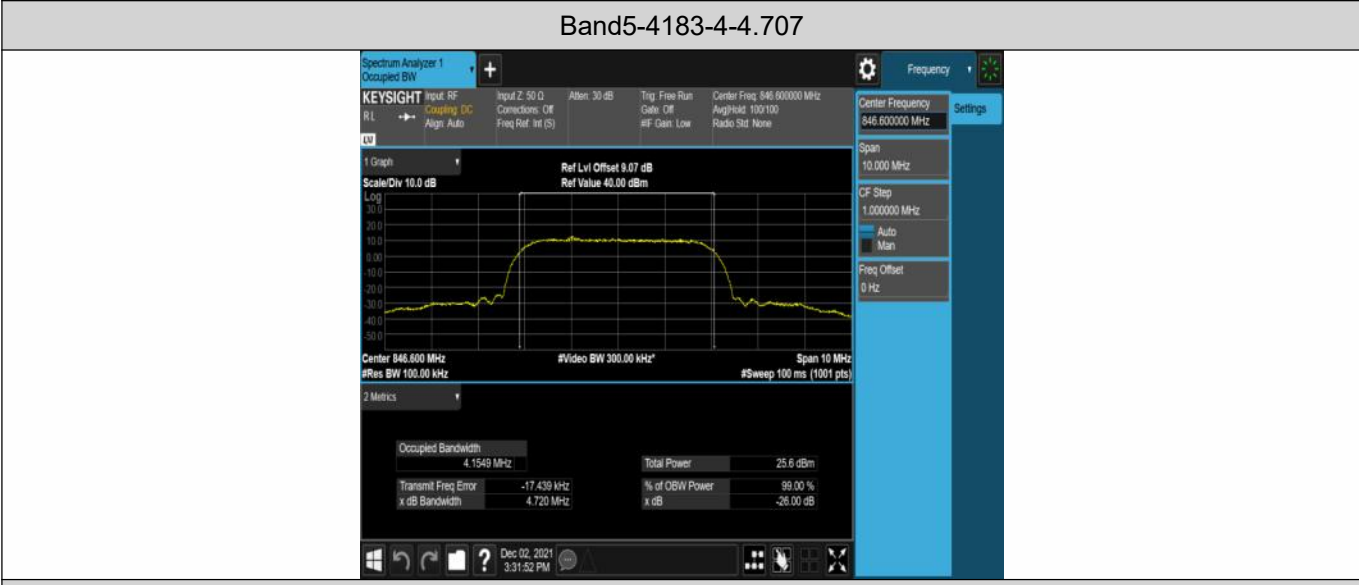
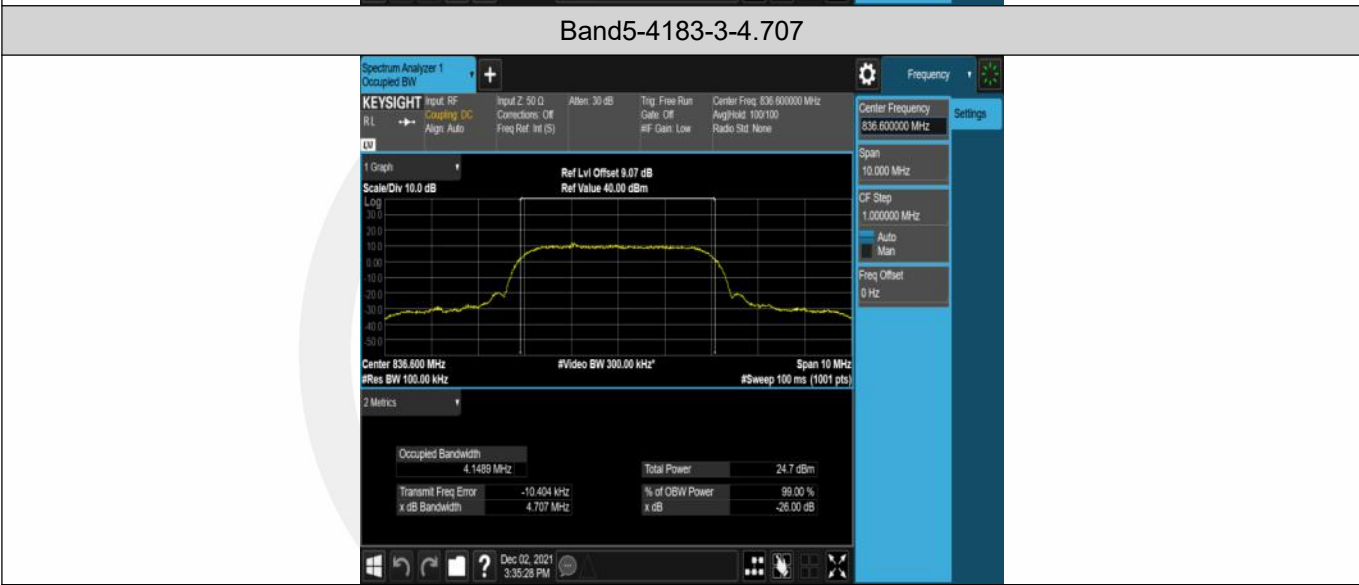
Band5-4132-4-4.703

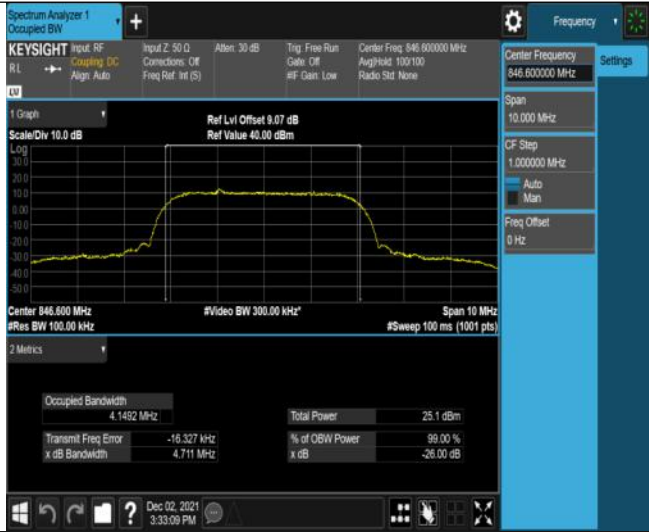


Band5-4183-1-4.723

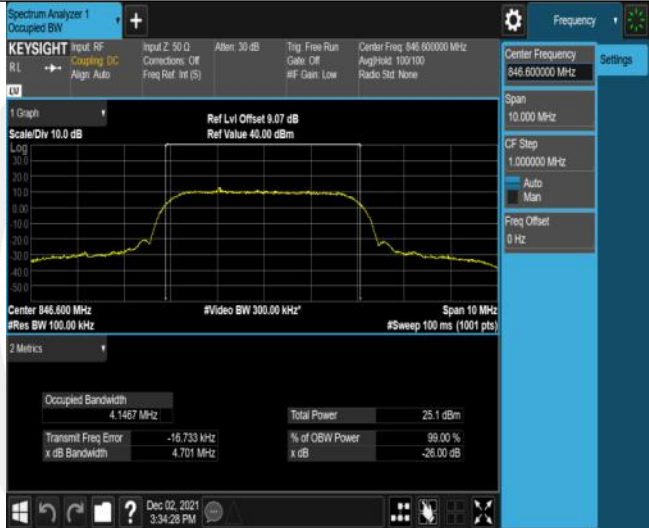


Band5-4183-2-4.712

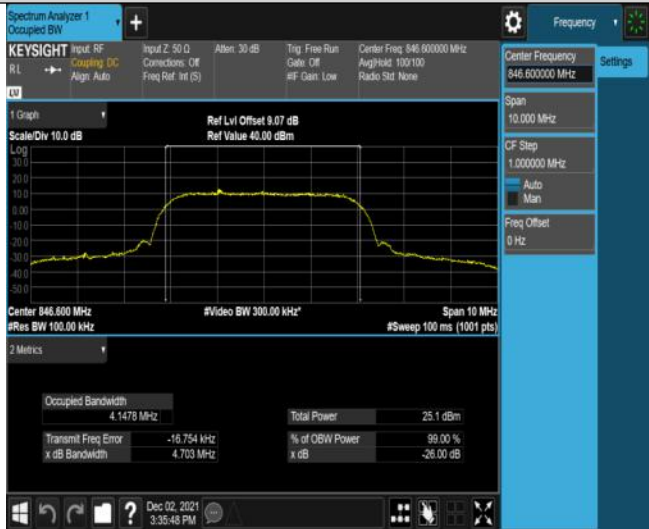




Band5-4233-2-4.711



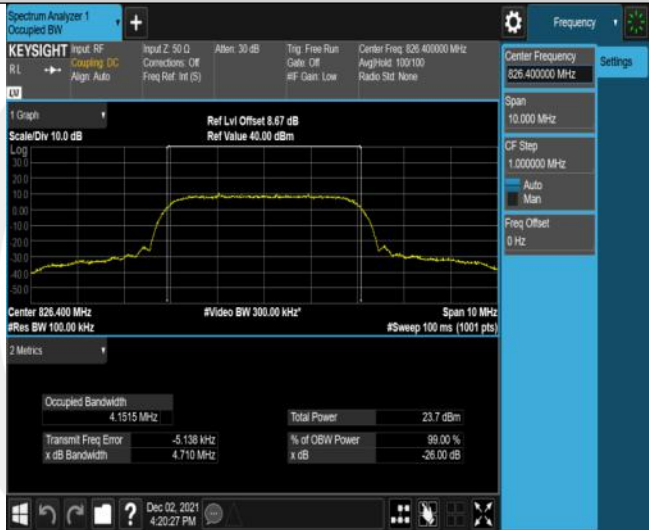
Band5-4233-3-4.701



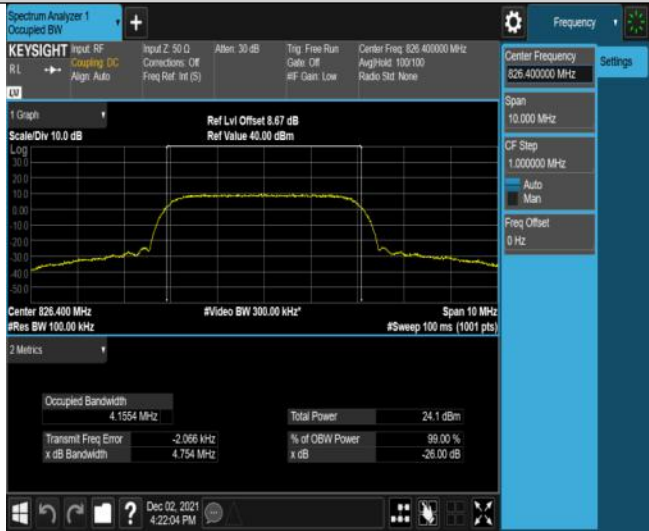
Band5-4233-4-4.703



Band5-4132-1-4.738



Band5-4132-2-4.710



Band5-4132-3-4.754



Band5-4132-4-4.724



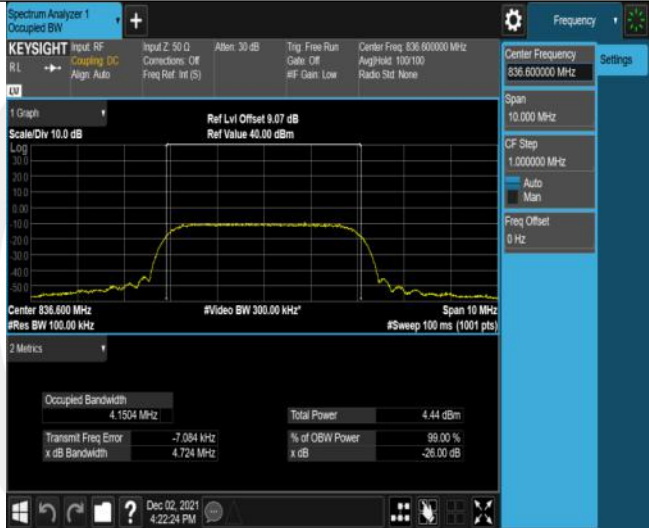
Band5-4132-5-4.719



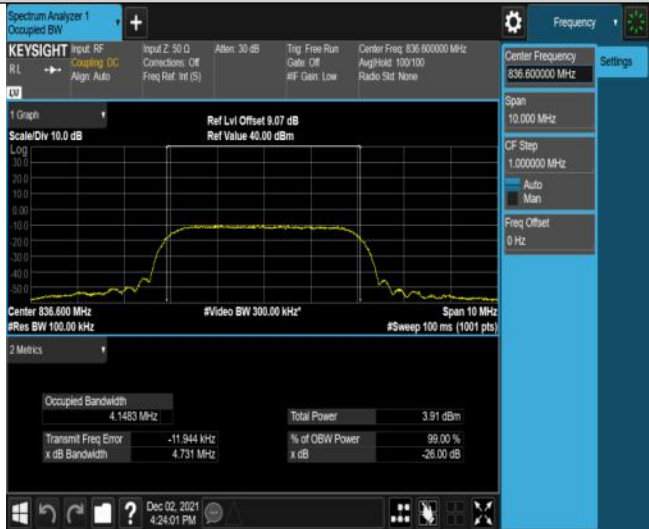
Band5-4183-1-4.727



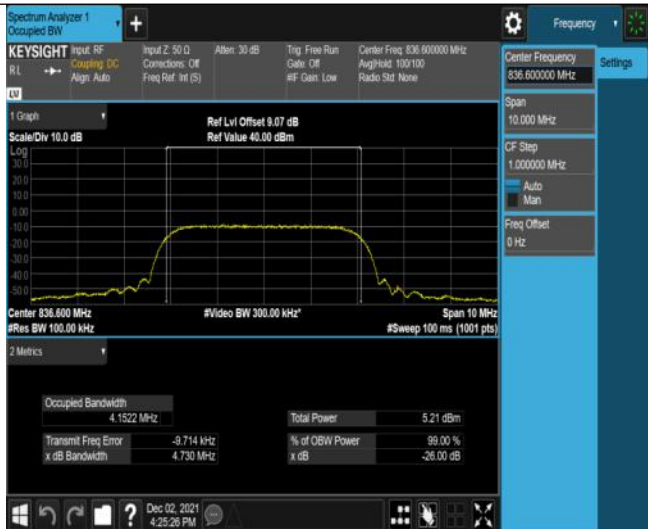
Band5-4183-2-4.739



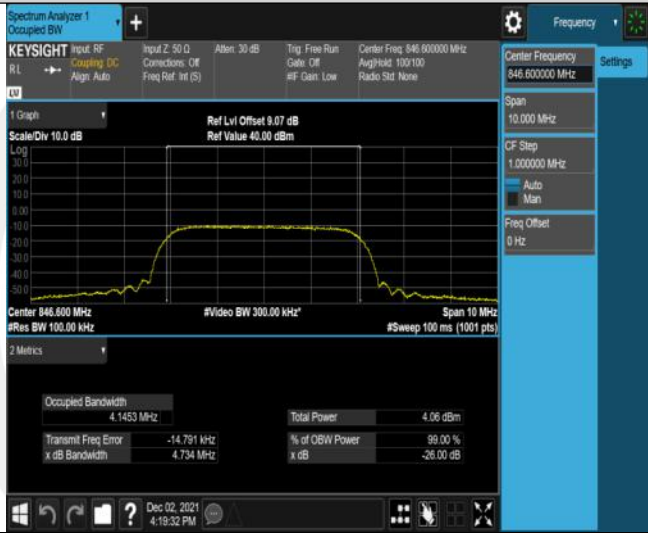
Band5-4183-3-4.724



Band5-4183-4-4.731



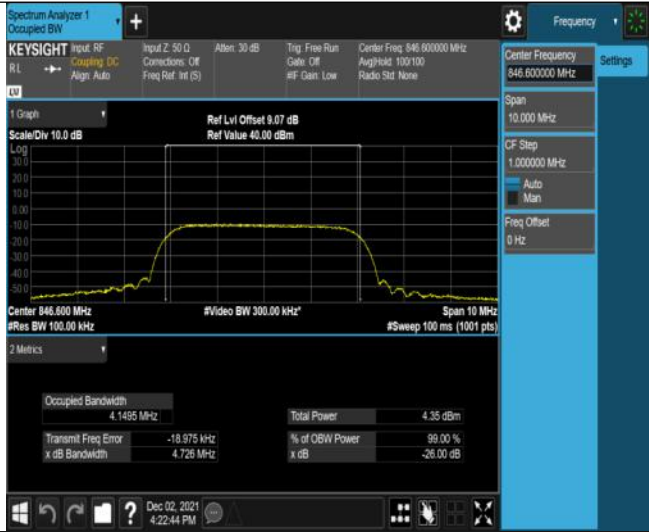
Band5-4183-5-4.730



Band5-4233-1-4.734



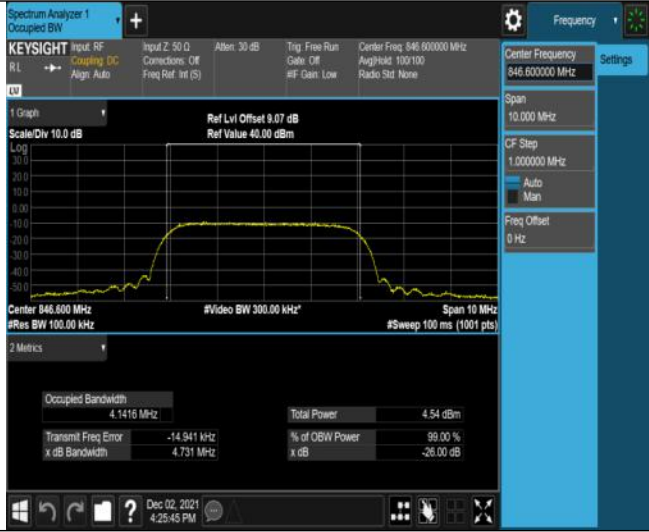
Band5-4233-2-4.727



Band5-4233-3-4.726



Band5-4233-4-4.723



Band5-4233-5-4.731

Appendix D:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-20.11	-13	PASS
Band5	4233	849.00	-19.71	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-20.68	-13	PASS
Band5	4132	2	824.00	-22.04	-13	PASS
Band5	4132	3	824.00	-22.39	-13	PASS
Band5	4132	4	824.00	-22.72	-13	PASS
Band5	4233	1	849.00	-20.86	-13	PASS
Band5	4233	2	849.00	-21.79	-13	PASS
Band5	4233	3	849.00	-22.37	-13	PASS
Band5	4233	4	849.00	-22.55	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-20.69	-13	PASS
Band5	4132	2	824.00	-22.69	-13	PASS
Band5	4132	3	824.00	-22.03	-13	PASS
Band5	4132	4	824.00	-23.88	-13	PASS
Band5	4132	5	824.00	-20.89	-13	PASS
Band5	4233	1	849.00	-42.92	-13	PASS
Band5	4233	2	849.00	-42.82	-13	PASS
Band5	4233	3	849.00	-42.91	-13	PASS
Band5	4233	4	849.00	-43.59	-13	PASS
Band5	4233	5	849.00	-43.37	-13	PASS

Test Graphs





Band5-4132-1



Band5-4132-2



Band5-4132-3



Band5-4132-4



Band5-4233-1



Band5-4233-2



Band5-4233-3



Band5-4233-4



Band5-4132-1



Band5-4132-2



Band5-4132-3



Band5-4132-4



Band5-4132-5



Band5-4233-1



Band5-4233-2



Band5-4233-3



Band5-4233-4



Band5-4233-5



Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.02	-45.21	-43	PASS
Band5	4132	0.15~30MHz	0.16	-39.66	-33	PASS
Band5	4132	30~1000MHz	193.87	-55.61	-23	PASS
Band5	4132	1000~3000MHz	2122.53	-34.48	-13	PASS
Band5	4132	3000~10000MHz	3835.33	-50.35	-13	PASS
Band5	4132	10000~18000MHz	13608.27	-51.85	-13	PASS
Band5	4183	0.009~0.15MHz	0.02	-72.65	-43	PASS
Band5	4183	0.15~30MHz	0.17	-39.55	-33	PASS
Band5	4183	30~1000MHz	190.66	-55.84	-23	PASS
Band5	4183	1000~3000MHz	2086.73	-34.45	-13	PASS
Band5	4183	3000~10000MHz	3829.27	-50.51	-13	PASS
Band5	4183	10000~18000MHz	13603.73	-52.05	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-71.51	-43	PASS
Band5	4233	0.15~30MHz	0.16	-40.86	-33	PASS
Band5	4233	30~1000MHz	189.14	-55.74	-23	PASS
Band5	4233	1000~3000MHz	2165.93	-34.42	-13	PASS
Band5	4233	3000~10000MHz	3816.43	-50.58	-13	PASS
Band5	4233	10000~18000MHz	13619.2	-51.93	-13	PASS



Band5-4132-1000~3000MHz



Band5-4132-3000~10000MHz



Band5-4132-10000~18000MHz



Band5-4183-1000~3000MHz



Band5-4183-3000~10000MHz



Band5-4183-10000~18000MHz



Band5-4233-0.009~0.15MHz



Band5-4233-0.15~30MHz



Band5-4233-30~1000MHz



Band5-4233-1000~3000MHz



Band5-4233-3000~10000MHz



Band5-4233-10000~18000MHz

Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	-0.19	-0.000230	±2.5	PASS
Band5	4132	VN	NT	0.46	0.000557	±2.5	PASS
Band5	4132	VH	NT	-1.37	-0.001658	±2.5	PASS
Band5	4183	VL	NT	-2.40	-0.002869	±2.5	PASS
Band5	4183	VN	NT	-2.59	-0.003096	±2.5	PASS
Band5	4183	VH	NT	-2.85	-0.003407	±2.5	PASS
Band5	4233	VL	NT	-2.20	-0.002599	±2.5	PASS
Band5	4233	VN	NT	-2.05	-0.002421	±2.5	PASS
Band5	4233	VH	NT	-0.92	-0.001087	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-1.22	-0.001476	±2.5	PASS
Band5	4132	NV	-20	-0.11	-0.000133	±2.5	PASS
Band5	4132	NV	-10	0.30	0.000363	±2.5	PASS
Band5	4132	NV	0	-1.49	-0.001803	±2.5	PASS
Band5	4132	NV	10	-1.47	-0.001779	±2.5	PASS
Band5	4132	NV	20	-0.60	-0.000726	±2.5	PASS
Band5	4132	NV	30	-1.47	-0.001779	±2.5	PASS
Band5	4132	NV	40	-1.82	-0.002202	±2.5	PASS
Band5	4132	NV	50	-0.99	-0.001198	±2.5	PASS
Band5	4183	NV	-30	-0.65	-0.000777	±2.5	PASS
Band5	4183	NV	-20	-0.97	-0.001159	±2.5	PASS
Band5	4183	NV	-10	-1.34	-0.001602	±2.5	PASS
Band5	4183	NV	0	-0.87	-0.001040	±2.5	PASS
Band5	4183	NV	10	-1.12	-0.001339	±2.5	PASS
Band5	4183	NV	20	-2.70	-0.003227	±2.5	PASS
Band5	4183	NV	30	-2.83	-0.003383	±2.5	PASS
Band5	4183	NV	40	-2.15	-0.002570	±2.5	PASS
Band5	4183	NV	50	-2.12	-0.002534	±2.5	PASS

Band5	4233	NV	-30	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	-20	-1.67	-0.001973	±2.5	PASS
Band5	4233	NV	-10	-1.14	-0.001347	±2.5	PASS
Band5	4233	NV	0	-1.42	-0.001677	±2.5	PASS
Band5	4233	NV	10	-0.87	-0.001028	±2.5	PASS
Band5	4233	NV	20	-0.98	-0.001158	±2.5	PASS
Band5	4233	NV	30	-1.08	-0.001276	±2.5	PASS
Band5	4233	NV	40	-1.16	-0.001370	±2.5	PASS
Band5	4233	NV	50	-1.22	-0.001441	±2.5	PASS



Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-1.03	-0.001246	±2.5	PASS
Band5	4132	1	VN	NT	-1.88	-0.002275	±2.5	PASS
Band5	4132	1	VH	NT	-1.52	-0.001839	±2.5	PASS
Band5	4132	2	VL	NT	-1.15	-0.001392	±2.5	PASS
Band5	4132	2	VN	NT	-0.92	-0.001113	±2.5	PASS
Band5	4132	2	VH	NT	-1.47	-0.001779	±2.5	PASS
Band5	4132	3	VL	NT	-0.38	-0.000460	±2.5	PASS
Band5	4132	3	VN	NT	-1.53	-0.001851	±2.5	PASS
Band5	4132	3	VH	NT	-1.92	-0.002323	±2.5	PASS
Band5	4132	4	VL	NT	-0.84	-0.001016	±2.5	PASS
Band5	4132	4	VN	NT	-1.39	-0.001682	±2.5	PASS
Band5	4132	4	VH	NT	-0.92	-0.001113	±2.5	PASS
Band5	4183	1	VL	NT	-1.42	-0.001697	±2.5	PASS
Band5	4183	1	VN	NT	-1.85	-0.002211	±2.5	PASS
Band5	4183	1	VH	NT	-1.90	-0.002271	±2.5	PASS
Band5	4183	2	VL	NT	-1.83	-0.002187	±2.5	PASS
Band5	4183	2	VN	NT	1.26	0.001506	±2.5	PASS
Band5	4183	2	VH	NT	-1.97	-0.002355	±2.5	PASS
Band5	4183	3	VL	NT	-2.05	-0.002450	±2.5	PASS
Band5	4183	3	VN	NT	-1.99	-0.002379	±2.5	PASS
Band5	4183	3	VH	NT	-1.76	-0.002104	±2.5	PASS
Band5	4183	4	VL	NT	-1.82	-0.002175	±2.5	PASS
Band5	4183	4	VN	NT	-2.39	-0.002857	±2.5	PASS
Band5	4183	4	VH	NT	-0.44	-0.000526	±2.5	PASS
Band5	4233	1	VL	NT	-1.46	-0.001725	±2.5	PASS
Band5	4233	1	VN	NT	-1.98	-0.002339	±2.5	PASS
Band5	4233	1	VH	NT	-1.22	-0.001441	±2.5	PASS
Band5	4233	2	VL	NT	-1.70	-0.002008	±2.5	PASS
Band5	4233	2	VN	NT	-1.67	-0.001973	±2.5	PASS
Band5	4233	2	VH	NT	-2.52	-0.002977	±2.5	PASS
Band5	4233	3	VL	NT	-1.66	-0.001961	±2.5	PASS
Band5	4233	3	VN	NT	-2.55	-0.003012	±2.5	PASS
Band5	4233	3	VH	NT	-2.28	-0.002693	±2.5	PASS

Band5	4233	4	VL	NT	-2.45	-0.002894	±2.5	PASS
Band5	4233	4	VN	NT	-2.62	-0.003095	±2.5	PASS
Band5	4233	4	VH	NT	-2.08	-0.002457	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-1.12	-0.001355	±2.5	PASS
Band5	4132	1	NV	-20	-0.57	-0.000690	±2.5	PASS
Band5	4132	1	NV	-10	-0.99	-0.001198	±2.5	PASS
Band5	4132	1	NV	0	-1.14	-0.001379	±2.5	PASS
Band5	4132	1	NV	10	-1.04	-0.001258	±2.5	PASS
Band5	4132	1	NV	20	-1.38	-0.001670	±2.5	PASS
Band5	4132	1	NV	30	-1.50	-0.001815	±2.5	PASS
Band5	4132	1	NV	40	-1.27	-0.001537	±2.5	PASS
Band5	4132	1	NV	50	-0.47	-0.000569	±2.5	PASS
Band5	4132	2	NV	-30	-0.91	-0.001101	±2.5	PASS
Band5	4132	2	NV	-20	-0.14	-0.000169	±2.5	PASS
Band5	4132	2	NV	-10	-0.90	-0.001089	±2.5	PASS
Band5	4132	2	NV	0	-1.04	-0.001258	±2.5	PASS
Band5	4132	2	NV	10	-1.34	-0.001621	±2.5	PASS
Band5	4132	2	NV	20	-0.57	-0.000690	±2.5	PASS
Band5	4132	2	NV	30	-0.71	-0.000859	±2.5	PASS
Band5	4132	2	NV	40	-1.15	-0.001392	±2.5	PASS
Band5	4132	2	NV	50	-1.73	-0.002093	±2.5	PASS
Band5	4132	3	NV	-30	-1.27	-0.001537	±2.5	PASS
Band5	4132	3	NV	-20	-0.74	-0.000895	±2.5	PASS
Band5	4132	3	NV	-10	-0.94	-0.001137	±2.5	PASS
Band5	4132	3	NV	0	-0.46	-0.000557	±2.5	PASS
Band5	4132	3	NV	10	-1.11	-0.001343	±2.5	PASS
Band5	4132	3	NV	20	-1.06	-0.001283	±2.5	PASS
Band5	4132	3	NV	30	-0.44	-0.000532	±2.5	PASS
Band5	4132	3	NV	40	-1.04	-0.001258	±2.5	PASS
Band5	4132	3	NV	50	-1.27	-0.001537	±2.5	PASS
Band5	4132	4	NV	-30	-1.54	-0.001864	±2.5	PASS
Band5	4132	4	NV	-20	-1.10	-0.001331	±2.5	PASS

Band5	4132	4	NV	-10	-1.91	-0.002311	±2.5	PASS
Band5	4132	4	NV	0	-1.21	-0.001464	±2.5	PASS
Band5	4132	4	NV	10	-0.99	-0.001198	±2.5	PASS
Band5	4132	4	NV	20	-1.14	-0.001379	±2.5	PASS
Band5	4132	4	NV	30	-1.58	-0.001912	±2.5	PASS
Band5	4132	4	NV	40	-0.82	-0.000992	±2.5	PASS
Band5	4132	4	NV	50	-1.14	-0.001379	±2.5	PASS
Band5	4183	1	NV	-30	-2.07	-0.002474	±2.5	PASS
Band5	4183	1	NV	-20	-1.50	-0.001793	±2.5	PASS
Band5	4183	1	NV	-10	-0.92	-0.001100	±2.5	PASS
Band5	4183	1	NV	0	-2.07	-0.002474	±2.5	PASS
Band5	4183	1	NV	10	-0.99	-0.001183	±2.5	PASS
Band5	4183	1	NV	20	-1.47	-0.001757	±2.5	PASS
Band5	4183	1	NV	30	-1.85	-0.002211	±2.5	PASS
Band5	4183	1	NV	40	-1.44	-0.001721	±2.5	PASS
Band5	4183	1	NV	50	-2.42	-0.002893	±2.5	PASS
Band5	4183	2	NV	-30	-1.75	-0.002092	±2.5	PASS
Band5	4183	2	NV	-20	-1.65	-0.001972	±2.5	PASS
Band5	4183	2	NV	-10	-1.89	-0.002259	±2.5	PASS
Band5	4183	2	NV	0	-2.12	-0.002534	±2.5	PASS
Band5	4183	2	NV	10	-1.32	-0.001578	±2.5	PASS
Band5	4183	2	NV	20	-1.70	-0.002032	±2.5	PASS
Band5	4183	2	NV	30	0.02	0.000024	±2.5	PASS
Band5	4183	2	NV	40	-1.87	-0.002235	±2.5	PASS
Band5	4183	2	NV	50	-2.40	-0.002869	±2.5	PASS
Band5	4183	3	NV	-30	-1.22	-0.001458	±2.5	PASS
Band5	4183	3	NV	-20	-1.48	-0.001769	±2.5	PASS
Band5	4183	3	NV	-10	-1.14	-0.001363	±2.5	PASS
Band5	4183	3	NV	0	-1.99	-0.002379	±2.5	PASS
Band5	4183	3	NV	10	-1.69	-0.002020	±2.5	PASS
Band5	4183	3	NV	20	-1.65	-0.001972	±2.5	PASS
Band5	4183	3	NV	30	-1.66	-0.001984	±2.5	PASS
Band5	4183	3	NV	40	-2.00	-0.002391	±2.5	PASS
Band5	4183	3	NV	50	-1.37	-0.001638	±2.5	PASS
Band5	4183	4	NV	-30	-2.70	-0.003227	±2.5	PASS
Band5	4183	4	NV	-20	-2.40	-0.002869	±2.5	PASS

Band5	4183	4	NV	-10	-2.47	-0.002952	±2.5	PASS
Band5	4183	4	NV	0	0.12	0.000143	±2.5	PASS
Band5	4183	4	NV	10	-3.38	-0.004040	±2.5	PASS
Band5	4183	4	NV	20	-2.89	-0.003454	±2.5	PASS
Band5	4183	4	NV	30	-2.17	-0.002594	±2.5	PASS
Band5	4183	4	NV	40	-2.23	-0.002666	±2.5	PASS
Band5	4183	4	NV	50	-1.70	-0.002032	±2.5	PASS
Band5	4233	1	NV	-30	-2.92	-0.003449	±2.5	PASS
Band5	4233	1	NV	-20	-1.78	-0.002103	±2.5	PASS
Band5	4233	1	NV	-10	-0.29	-0.000343	±2.5	PASS
Band5	4233	1	NV	0	-1.50	-0.001772	±2.5	PASS
Band5	4233	1	NV	10	-0.69	-0.000815	±2.5	PASS
Band5	4233	1	NV	20	-2.29	-0.002705	±2.5	PASS
Band5	4233	1	NV	30	-1.87	-0.002209	±2.5	PASS
Band5	4233	1	NV	40	-1.33	-0.001571	±2.5	PASS
Band5	4233	1	NV	50	-2.07	-0.002445	±2.5	PASS
Band5	4233	2	NV	-30	-2.73	-0.003225	±2.5	PASS
Band5	4233	2	NV	-20	-2.77	-0.003272	±2.5	PASS
Band5	4233	2	NV	-10	-1.71	-0.002020	±2.5	PASS
Band5	4233	2	NV	0	-2.38	-0.002811	±2.5	PASS
Band5	4233	2	NV	10	0.31	0.000366	±2.5	PASS
Band5	4233	2	NV	20	-1.44	-0.001701	±2.5	PASS
Band5	4233	2	NV	30	-2.47	-0.002918	±2.5	PASS
Band5	4233	2	NV	40	-0.49	-0.000579	±2.5	PASS
Band5	4233	2	NV	50	-1.94	-0.002292	±2.5	PASS
Band5	4233	3	NV	-30	-2.02	-0.002386	±2.5	PASS
Band5	4233	3	NV	-20	-1.52	-0.001795	±2.5	PASS
Band5	4233	3	NV	-10	-1.76	-0.002079	±2.5	PASS
Band5	4233	3	NV	0	-2.07	-0.002445	±2.5	PASS
Band5	4233	3	NV	10	-1.63	-0.001925	±2.5	PASS
Band5	4233	3	NV	20	-1.01	-0.001193	±2.5	PASS
Band5	4233	3	NV	30	-0.06	-0.000071	±2.5	PASS
Band5	4233	3	NV	40	-3.25	-0.003839	±2.5	PASS
Band5	4233	3	NV	50	-2.97	-0.003508	±2.5	PASS
Band5	4233	4	NV	-30	-1.88	-0.002221	±2.5	PASS
Band5	4233	4	NV	-20	-2.17	-0.002563	±2.5	PASS

Band5	4233	4	NV	-10	-0.97	-0.001146	±2.5	PASS
Band5	4233	4	NV	0	-1.58	-0.001866	±2.5	PASS
Band5	4233	4	NV	10	-2.01	-0.002374	±2.5	PASS
Band5	4233	4	NV	20	-0.07	-0.000083	±2.5	PASS
Band5	4233	4	NV	30	-3.19	-0.003768	±2.5	PASS
Band5	4233	4	NV	40	-0.39	-0.000461	±2.5	PASS
Band5	4233	4	NV	50	-1.47	-0.001736	±2.5	PASS



Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-1.12	-0.001355	±2.5	PASS
Band5	4132	1	VN	NT	-1.37	-0.001658	±2.5	PASS
Band5	4132	1	VH	NT	-1.14	-0.001379	±2.5	PASS
Band5	4132	2	VL	NT	-0.84	-0.001016	±2.5	PASS
Band5	4132	2	VN	NT	-1.02	-0.001234	±2.5	PASS
Band5	4132	2	VH	NT	-1.14	-0.001379	±2.5	PASS
Band5	4132	3	VL	NT	-1.45	-0.001755	±2.5	PASS
Band5	4132	3	VN	NT	-1.60	-0.001936	±2.5	PASS
Band5	4132	3	VH	NT	-0.72	-0.000871	±2.5	PASS
Band5	4132	4	VL	NT	-0.98	-0.001186	±2.5	PASS
Band5	4132	4	VN	NT	-0.79	-0.000956	±2.5	PASS
Band5	4132	4	VH	NT	-0.77	-0.000932	±2.5	PASS
Band5	4132	5	VL	NT	-0.42	-0.000508	±2.5	PASS
Band5	4132	5	VN	NT	-0.50	-0.000605	±2.5	PASS
Band5	4132	5	VH	NT	-1.55	-0.001876	±2.5	PASS
Band5	4183	1	VL	NT	-0.52	-0.000622	±2.5	PASS
Band5	4183	1	VN	NT	-1.34	-0.001602	±2.5	PASS
Band5	4183	1	VH	NT	-1.51	-0.001805	±2.5	PASS
Band5	4183	2	VL	NT	-0.99	-0.001183	±2.5	PASS
Band5	4183	2	VN	NT	-0.86	-0.001028	±2.5	PASS
Band5	4183	2	VH	NT	-1.34	-0.001602	±2.5	PASS
Band5	4183	3	VL	NT	-1.04	-0.001243	±2.5	PASS
Band5	4183	3	VN	NT	-0.53	-0.000634	±2.5	PASS
Band5	4183	3	VH	NT	-1.38	-0.001650	±2.5	PASS
Band5	4183	4	VL	NT	-1.04	-0.001243	±2.5	PASS
Band5	4183	4	VN	NT	-0.21	-0.000251	±2.5	PASS
Band5	4183	4	VH	NT	-0.72	-0.000861	±2.5	PASS
Band5	4183	5	VL	NT	-1.15	-0.001375	±2.5	PASS
Band5	4183	5	VN	NT	-0.99	-0.001183	±2.5	PASS
Band5	4183	5	VH	NT	-0.97	-0.001159	±2.5	PASS
Band5	4233	1	VL	NT	-0.83	-0.000980	±2.5	PASS
Band5	4233	1	VN	NT	-0.51	-0.000602	±2.5	PASS
Band5	4233	1	VH	NT	-0.69	-0.000815	±2.5	PASS

Band5	4233	2	VL	NT	-0.74	-0.000874	±2.5	PASS
Band5	4233	2	VN	NT	-1.22	-0.001441	±2.5	PASS
Band5	4233	2	VH	NT	-1.35	-0.001595	±2.5	PASS
Band5	4233	3	VL	NT	-0.56	-0.000661	±2.5	PASS
Band5	4233	3	VN	NT	-1.58	-0.001866	±2.5	PASS
Band5	4233	3	VH	NT	-1.24	-0.001465	±2.5	PASS
Band5	4233	4	VL	NT	-1.12	-0.001323	±2.5	PASS
Band5	4233	4	VN	NT	-1.13	-0.001335	±2.5	PASS
Band5	4233	4	VH	NT	-1.27	-0.001500	±2.5	PASS
Band5	4233	5	VL	NT	-0.97	-0.001146	±2.5	PASS
Band5	4233	5	VN	NT	-0.81	-0.000957	±2.5	PASS
Band5	4233	5	VH	NT	-0.78	-0.000921	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-1.16	-0.001404	±2.5	PASS
Band5	4132	1	NV	-20	-1.11	-0.001343	±2.5	PASS
Band5	4132	1	NV	-10	-1.12	-0.001355	±2.5	PASS
Band5	4132	1	NV	0	-0.99	-0.001198	±2.5	PASS
Band5	4132	1	NV	10	-0.63	-0.000762	±2.5	PASS
Band5	4132	1	NV	20	-0.87	-0.001053	±2.5	PASS
Band5	4132	1	NV	30	-1.21	-0.001464	±2.5	PASS
Band5	4132	1	NV	40	-1.15	-0.001392	±2.5	PASS
Band5	4132	1	NV	50	-0.85	-0.001029	±2.5	PASS
Band5	4132	2	NV	-30	-1.02	-0.001234	±2.5	PASS
Band5	4132	2	NV	-20	-1.40	-0.001694	±2.5	PASS
Band5	4132	2	NV	-10	-0.46	-0.000557	±2.5	PASS
Band5	4132	2	NV	0	-0.19	-0.000230	±2.5	PASS
Band5	4132	2	NV	10	-1.08	-0.001307	±2.5	PASS
Band5	4132	2	NV	20	-0.31	-0.000375	±2.5	PASS
Band5	4132	2	NV	30	-0.92	-0.001113	±2.5	PASS
Band5	4132	2	NV	40	-1.09	-0.001319	±2.5	PASS
Band5	4132	2	NV	50	-0.67	-0.000811	±2.5	PASS
Band5	4132	3	NV	-30	-0.97	-0.001174	±2.5	PASS
Band5	4132	3	NV	-20	-1.32	-0.001597	±2.5	PASS

Band5	4132	3	NV	-10	-0.67	-0.000811	±2.5	PASS
Band5	4132	3	NV	0	-1.20	-0.001452	±2.5	PASS
Band5	4132	3	NV	10	-1.20	-0.001452	±2.5	PASS
Band5	4132	3	NV	20	-0.87	-0.001053	±2.5	PASS
Band5	4132	3	NV	30	-0.92	-0.001113	±2.5	PASS
Band5	4132	3	NV	40	-0.82	-0.000992	±2.5	PASS
Band5	4132	3	NV	50	-0.49	-0.000593	±2.5	PASS
Band5	4132	4	NV	-30	-1.12	-0.001355	±2.5	PASS
Band5	4132	4	NV	-20	-1.18	-0.001428	±2.5	PASS
Band5	4132	4	NV	-10	-0.94	-0.001137	±2.5	PASS
Band5	4132	4	NV	0	-1.06	-0.001283	±2.5	PASS
Band5	4132	4	NV	10	-0.94	-0.001137	±2.5	PASS
Band5	4132	4	NV	20	-1.12	-0.001355	±2.5	PASS
Band5	4132	4	NV	30	-0.49	-0.000593	±2.5	PASS
Band5	4132	4	NV	40	-0.89	-0.001077	±2.5	PASS
Band5	4132	4	NV	50	-0.88	-0.001065	±2.5	PASS
Band5	4132	5	NV	-30	-1.13	-0.001367	±2.5	PASS
Band5	4132	5	NV	-20	-1.08	-0.001307	±2.5	PASS
Band5	4132	5	NV	-10	-1.29	-0.001561	±2.5	PASS
Band5	4132	5	NV	0	-1.41	-0.001706	±2.5	PASS
Band5	4132	5	NV	10	-0.38	-0.000460	±2.5	PASS
Band5	4132	5	NV	20	-1.15	-0.001392	±2.5	PASS
Band5	4132	5	NV	30	-0.57	-0.000690	±2.5	PASS
Band5	4132	5	NV	40	-0.77	-0.000932	±2.5	PASS
Band5	4132	5	NV	50	-1.22	-0.001476	±2.5	PASS
Band5	4183	1	NV	-30	-0.90	-0.001076	±2.5	PASS
Band5	4183	1	NV	-20	-0.62	-0.000741	±2.5	PASS
Band5	4183	1	NV	-10	-0.72	-0.000861	±2.5	PASS
Band5	4183	1	NV	0	-1.63	-0.001948	±2.5	PASS
Band5	4183	1	NV	10	-0.18	-0.000215	±2.5	PASS
Band5	4183	1	NV	20	-0.91	-0.001088	±2.5	PASS
Band5	4183	1	NV	30	-0.33	-0.000394	±2.5	PASS
Band5	4183	1	NV	40	0.06	0.000072	±2.5	PASS
Band5	4183	1	NV	50	-0.99	-0.001183	±2.5	PASS
Band5	4183	2	NV	-30	-0.67	-0.000801	±2.5	PASS
Band5	4183	2	NV	-20	-1.12	-0.001339	±2.5	PASS

Band5	4183	2	NV	-10	-0.82	-0.000980	±2.5	PASS
Band5	4183	2	NV	0	-0.92	-0.001100	±2.5	PASS
Band5	4183	2	NV	10	-1.19	-0.001422	±2.5	PASS
Band5	4183	2	NV	20	-0.80	-0.000956	±2.5	PASS
Band5	4183	2	NV	30	-0.95	-0.001136	±2.5	PASS
Band5	4183	2	NV	40	-0.77	-0.000920	±2.5	PASS
Band5	4183	2	NV	50	-1.00	-0.001195	±2.5	PASS
Band5	4183	3	NV	-30	-1.03	-0.001231	±2.5	PASS
Band5	4183	3	NV	-20	-1.09	-0.001303	±2.5	PASS
Band5	4183	3	NV	-10	-0.67	-0.000801	±2.5	PASS
Band5	4183	3	NV	0	-1.07	-0.001279	±2.5	PASS
Band5	4183	3	NV	10	-0.52	-0.000622	±2.5	PASS
Band5	4183	3	NV	20	-0.74	-0.000885	±2.5	PASS
Band5	4183	3	NV	30	-0.81	-0.000968	±2.5	PASS
Band5	4183	3	NV	40	-0.90	-0.001076	±2.5	PASS
Band5	4183	3	NV	50	-1.40	-0.001673	±2.5	PASS
Band5	4183	4	NV	-30	-1.54	-0.001841	±2.5	PASS
Band5	4183	4	NV	-20	-0.64	-0.000765	±2.5	PASS
Band5	4183	4	NV	-10	-0.21	-0.000251	±2.5	PASS
Band5	4183	4	NV	0	-1.30	-0.001554	±2.5	PASS
Band5	4183	4	NV	10	-0.65	-0.000777	±2.5	PASS
Band5	4183	4	NV	20	-0.81	-0.000968	±2.5	PASS
Band5	4183	4	NV	30	-1.13	-0.001351	±2.5	PASS
Band5	4183	4	NV	40	-0.83	-0.000992	±2.5	PASS
Band5	4183	4	NV	50	-0.87	-0.001040	±2.5	PASS
Band5	4183	5	NV	-30	-1.15	-0.001375	±2.5	PASS
Band5	4183	5	NV	-20	-1.10	-0.001315	±2.5	PASS
Band5	4183	5	NV	-10	-0.72	-0.000861	±2.5	PASS
Band5	4183	5	NV	0	-0.92	-0.001100	±2.5	PASS
Band5	4183	5	NV	10	-0.57	-0.000681	±2.5	PASS
Band5	4183	5	NV	20	-0.96	-0.001148	±2.5	PASS
Band5	4183	5	NV	30	-0.84	-0.001004	±2.5	PASS
Band5	4183	5	NV	40	-1.13	-0.001351	±2.5	PASS
Band5	4183	5	NV	50	-0.92	-0.001100	±2.5	PASS
Band5	4233	1	NV	-30	-0.74	-0.000874	±2.5	PASS
Band5	4233	1	NV	-20	-0.54	-0.000638	±2.5	PASS

Band5	4233	1	NV	-10	-1.76	-0.002079	±2.5	PASS
Band5	4233	1	NV	0	-0.12	-0.000142	±2.5	PASS
Band5	4233	1	NV	10	-1.47	-0.001736	±2.5	PASS
Band5	4233	1	NV	20	-1.27	-0.001500	±2.5	PASS
Band5	4233	1	NV	30	-1.80	-0.002126	±2.5	PASS
Band5	4233	1	NV	40	-0.38	-0.000449	±2.5	PASS
Band5	4233	1	NV	50	-1.54	-0.001819	±2.5	PASS
Band5	4233	2	NV	-30	-1.35	-0.001595	±2.5	PASS
Band5	4233	2	NV	-20	-0.89	-0.001051	±2.5	PASS
Band5	4233	2	NV	-10	-0.92	-0.001087	±2.5	PASS
Band5	4233	2	NV	0	-1.25	-0.001476	±2.5	PASS
Band5	4233	2	NV	10	-0.83	-0.000980	±2.5	PASS
Band5	4233	2	NV	20	-1.34	-0.001583	±2.5	PASS
Band5	4233	2	NV	30	-0.90	-0.001063	±2.5	PASS
Band5	4233	2	NV	40	-0.74	-0.000874	±2.5	PASS
Band5	4233	2	NV	50	-0.83	-0.000980	±2.5	PASS
Band5	4233	3	NV	-30	-1.17	-0.001382	±2.5	PASS
Band5	4233	3	NV	-20	-1.05	-0.001240	±2.5	PASS
Band5	4233	3	NV	-10	-0.88	-0.001039	±2.5	PASS
Band5	4233	3	NV	0	-0.85	-0.001004	±2.5	PASS
Band5	4233	3	NV	10	-0.93	-0.001099	±2.5	PASS
Band5	4233	3	NV	20	-1.37	-0.001618	±2.5	PASS
Band5	4233	3	NV	30	-0.68	-0.000803	±2.5	PASS
Band5	4233	3	NV	40	-0.74	-0.000874	±2.5	PASS
Band5	4233	3	NV	50	-1.34	-0.001583	±2.5	PASS
Band5	4233	4	NV	-30	-0.68	-0.000803	±2.5	PASS
Band5	4233	4	NV	-20	-0.89	-0.001051	±2.5	PASS
Band5	4233	4	NV	-10	-0.68	-0.000803	±2.5	PASS
Band5	4233	4	NV	0	-1.22	-0.001441	±2.5	PASS
Band5	4233	4	NV	10	-0.54	-0.000638	±2.5	PASS
Band5	4233	4	NV	20	-1.04	-0.001228	±2.5	PASS
Band5	4233	4	NV	30	-1.04	-0.001228	±2.5	PASS
Band5	4233	4	NV	40	-0.77	-0.000910	±2.5	PASS
Band5	4233	4	NV	50	-0.87	-0.001028	±2.5	PASS
Band5	4233	5	NV	-30	-1.34	-0.001583	±2.5	PASS
Band5	4233	5	NV	-20	-0.54	-0.000638	±2.5	PASS

Band5	4233	5	NV	-10	-1.17	-0.001382	±2.5	PASS
Band5	4233	5	NV	0	-0.90	-0.001063	±2.5	PASS
Band5	4233	5	NV	10	-0.81	-0.000957	±2.5	PASS
Band5	4233	5	NV	20	-1.41	-0.001665	±2.5	PASS
Band5	4233	5	NV	30	-1.13	-0.001335	±2.5	PASS
Band5	4233	5	NV	40	-0.74	-0.000874	±2.5	PASS
Band5	4233	5	NV	50	-0.62	-0.000732	±2.5	PASS

