

WCDMA Band5 Test Data

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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

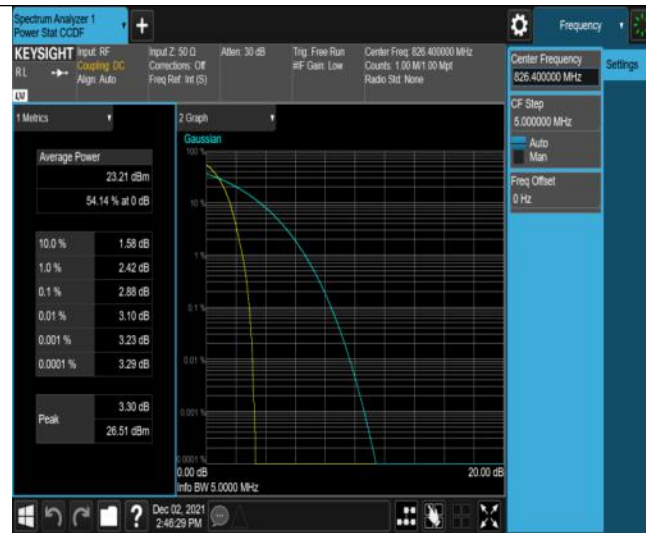
Band5	4233	2	5.43	13	PASS
Band5	4233	3	5.01	13	PASS
Band5	4233	4	5.44	13	PASS
Band5	4233	5	4.54	13	PASS



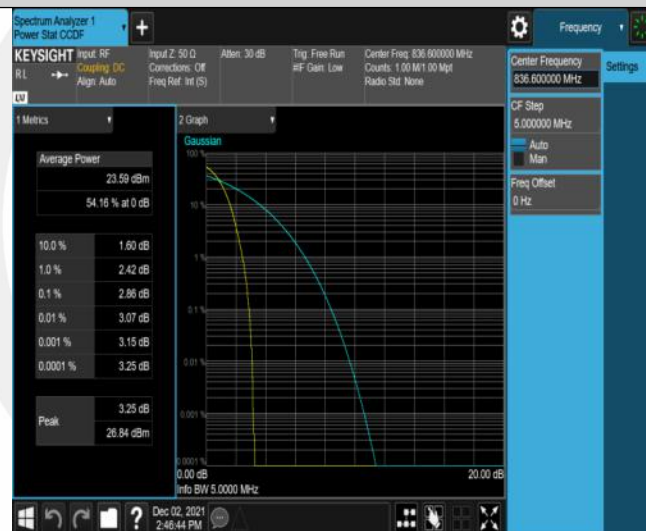
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Test Graphs



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



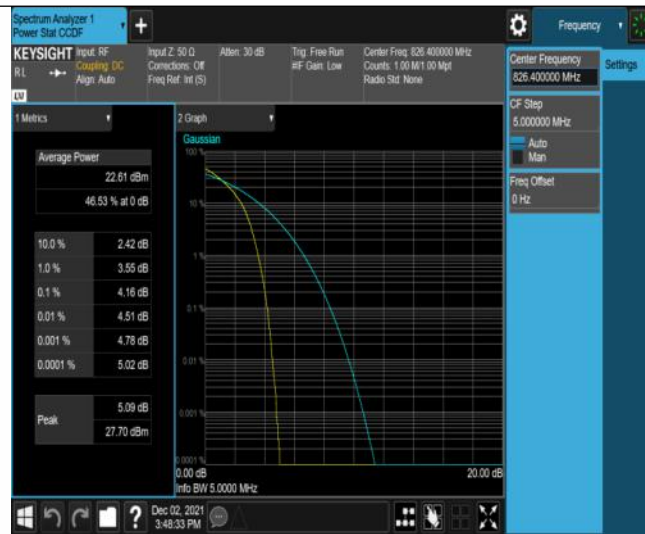
Band5-4233-2



Band5-4233-3



Band5-4233-4



Band5-4132-1



Band5-4132-2



Band5-4132-3



Band5-4132-4



Band5-4132-5



Band5-4183-1



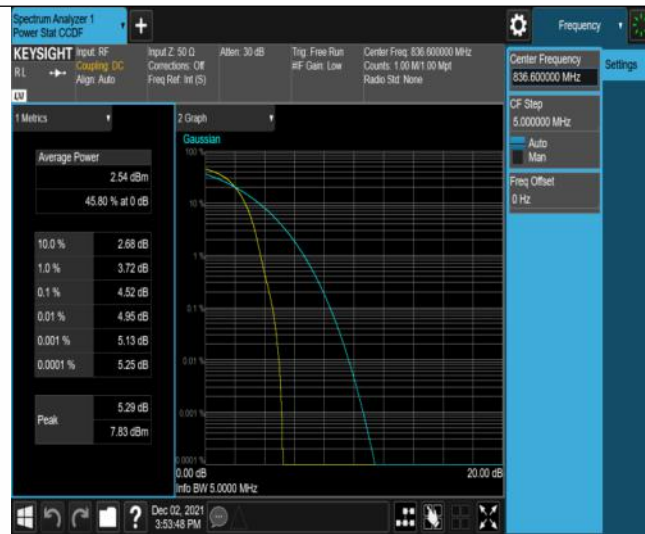
Band5-4183-2



Band5-4183-3



Band5-4183-4



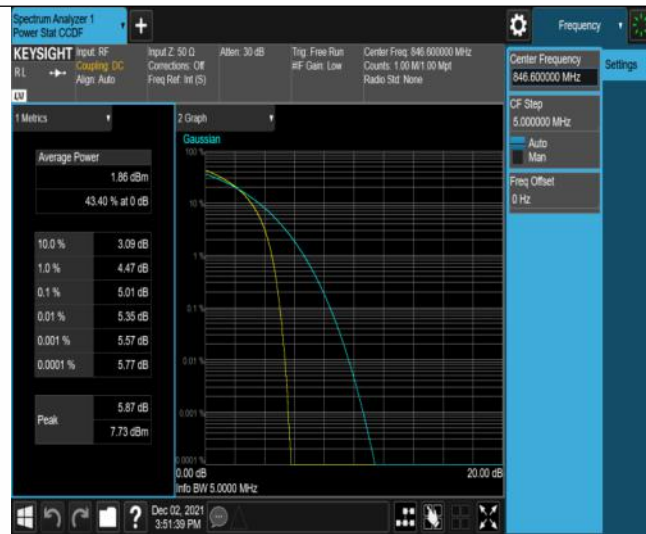
Band5-4183-5



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

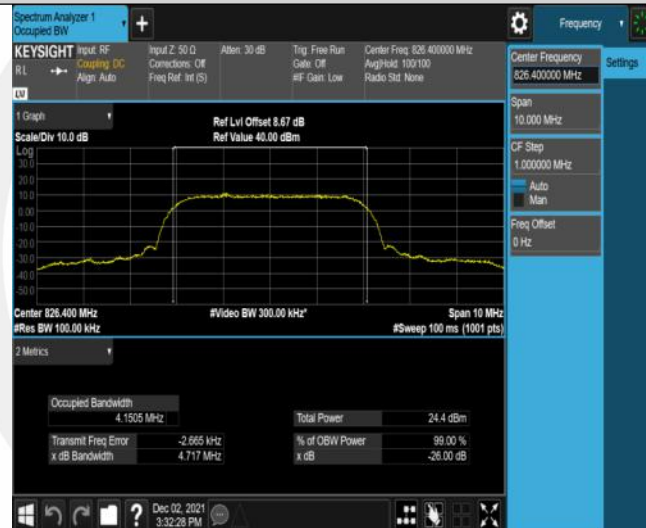


Test Graphs





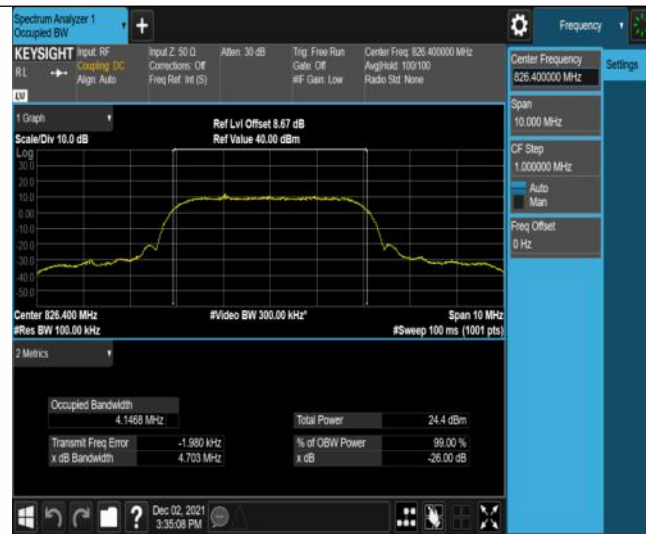
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Band5-4132-2-4.717



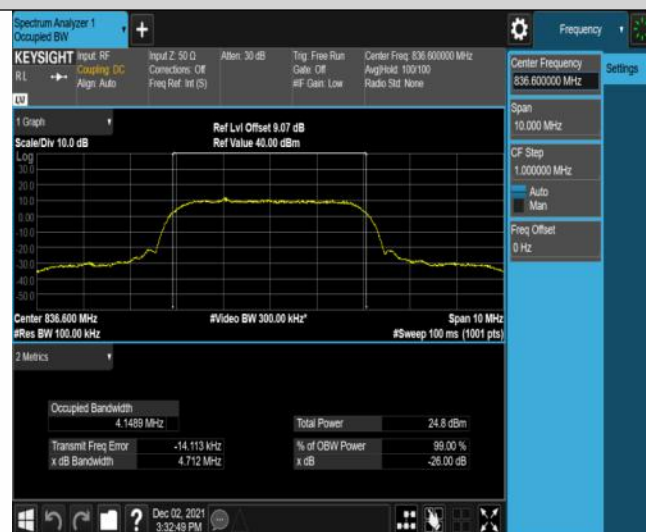
Band5-4132-3-4.703



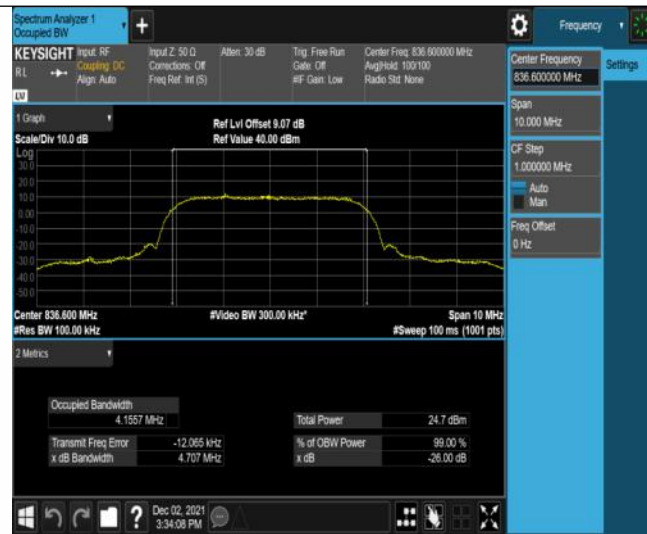
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Band5-4183-1-4.723



Band5-4183-2-4.712



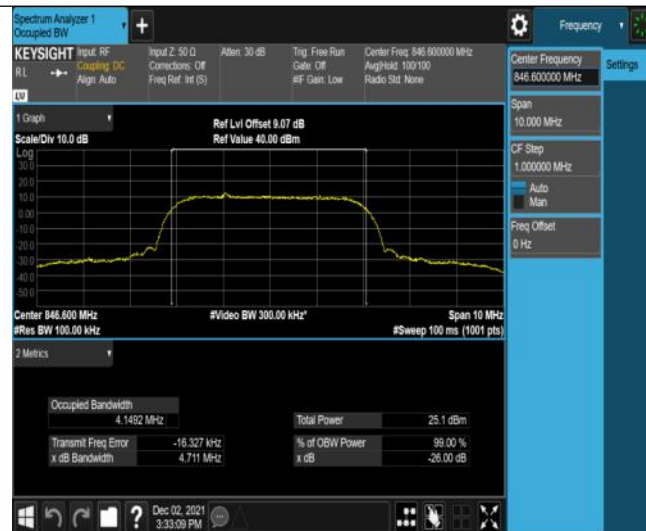
Band5-4183-3-4.707



Band5-4183-4-4.707



Band5-4233-1-4.720



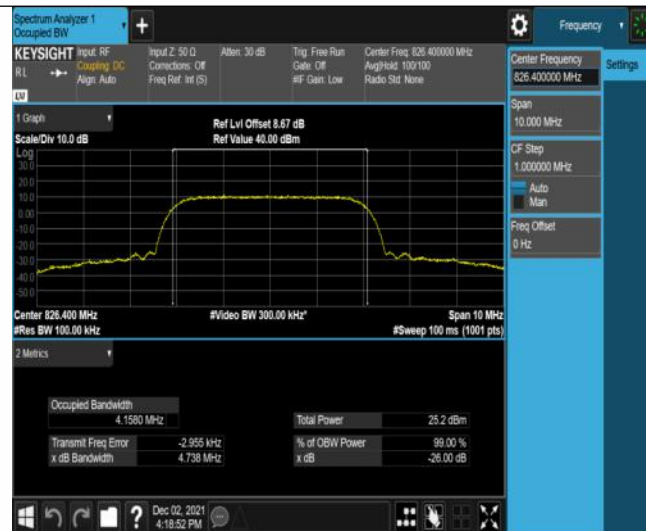
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Band5-4233-3-4.701



Band5-4233-4-4.703



Band5-4132-1-4.738



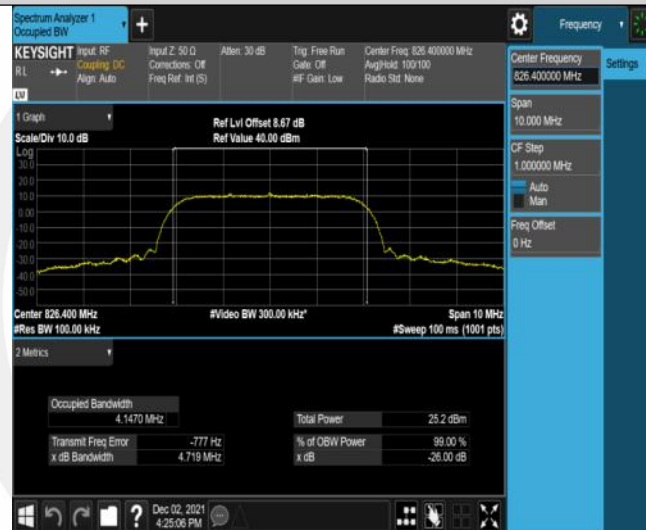
Band5-4132-2-4.710



Band5-4132-3-4.754



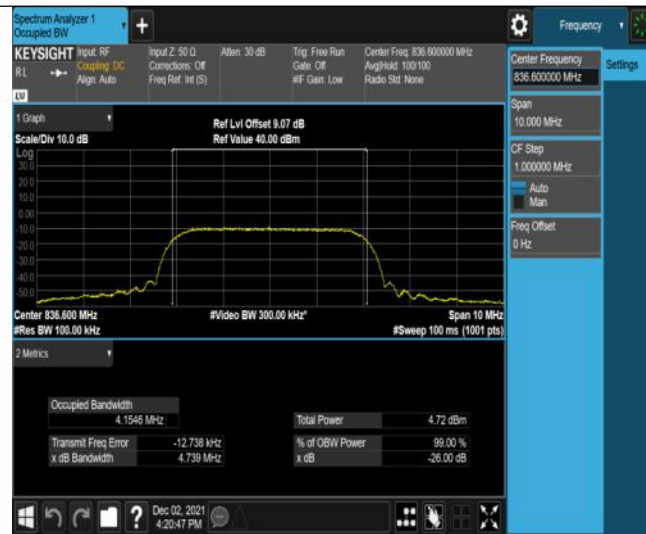
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Band5-4132-5-4.719



Band5-4183-1-4.727



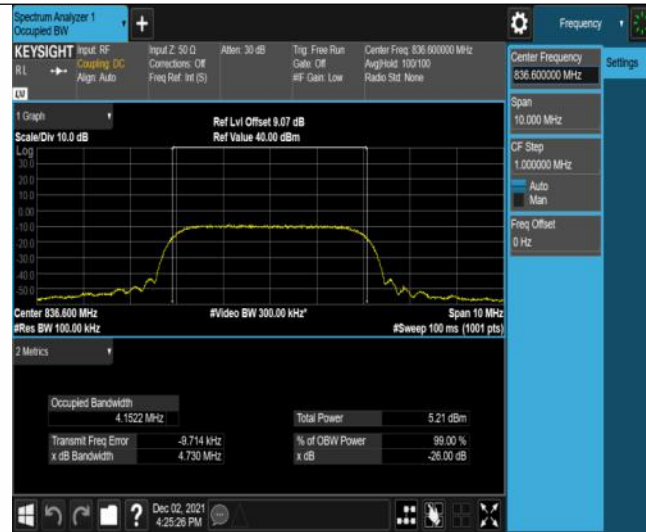
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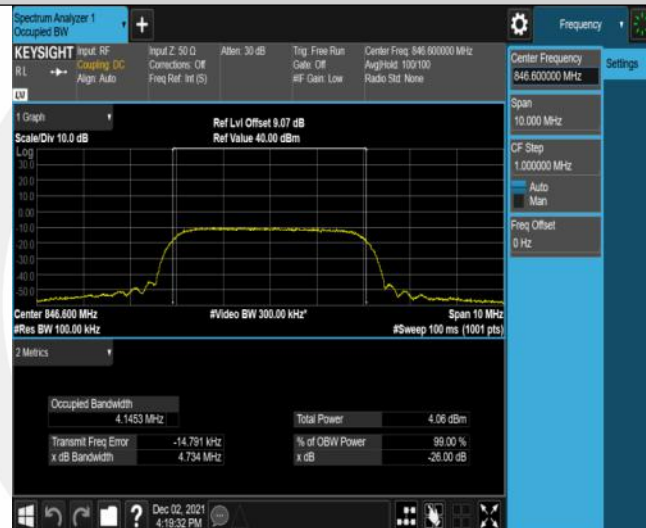
Band5-4183-3-4.724



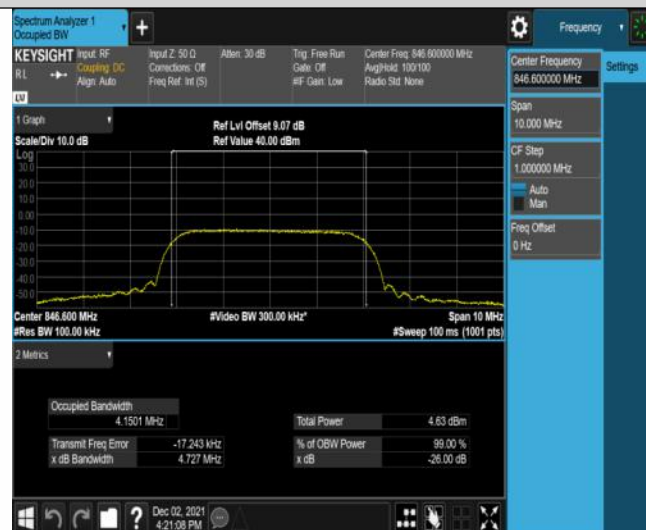
Band5-4183-4-4.731



Band5-4183-5-4.730



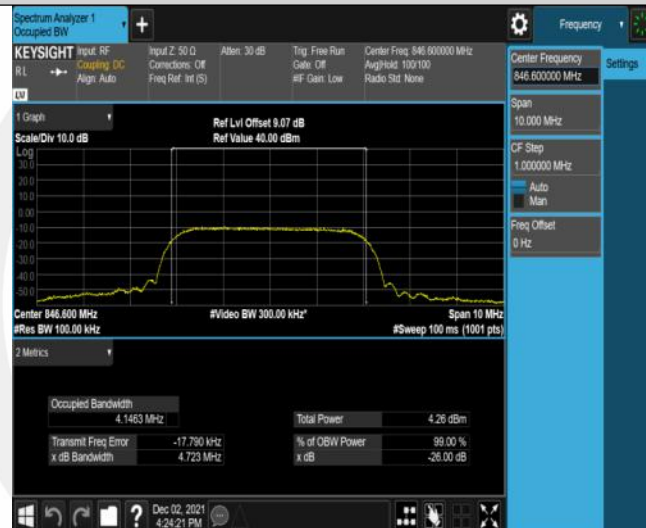
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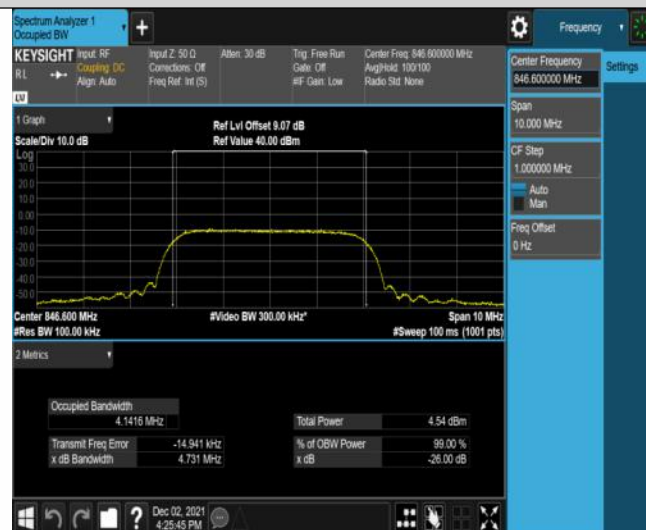
Band5-4233-2-4.727



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



Band5-4233



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

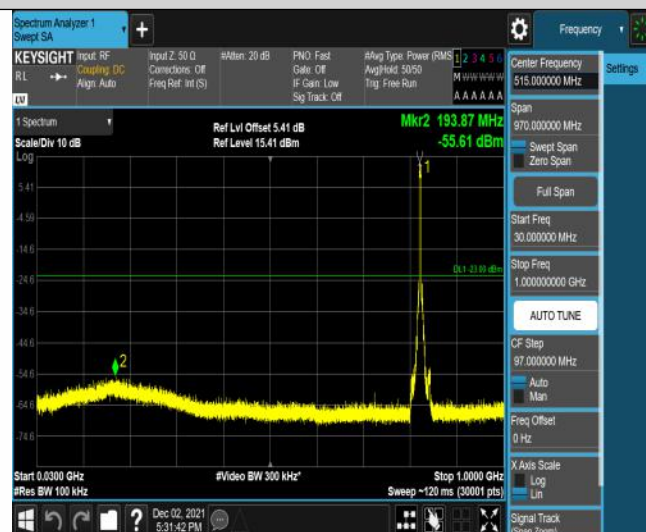
Test Graphs



Band5-4132-0.009~0.15MHz



Band5-4132-0.15~30MHz



Band5-4132-30~1000MHz



Band5-4132-1000~3000MHz



Band5-4132-3000~10000MHz



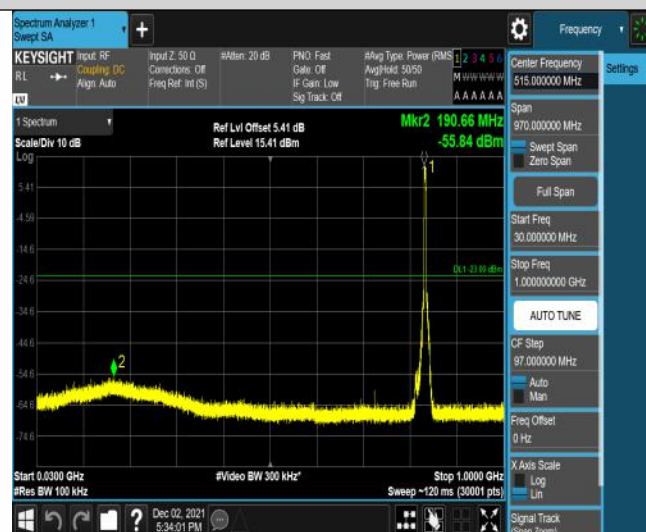
Band5-4132-10000~18000MHz



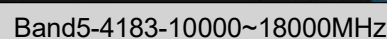
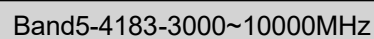
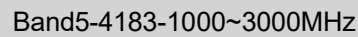
Band5-4183-0.009~0.15MHz



Band5-4183-0.15~30MHz



Band5-4183-30~1000MHz

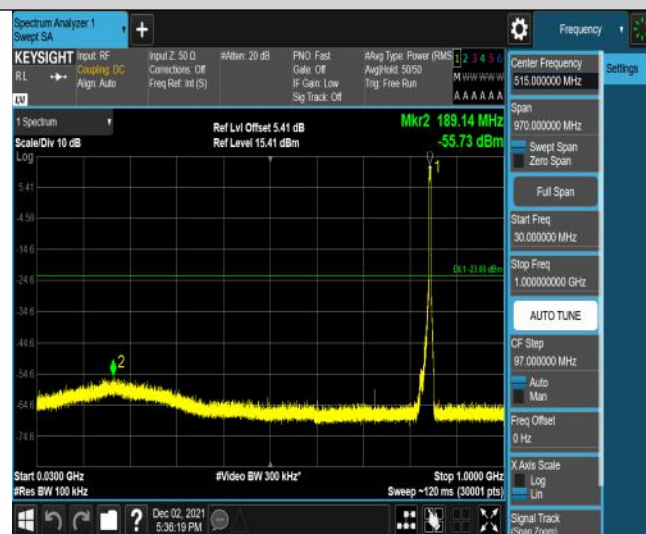




Band5-4233-0.009~0.15MHz



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

