

WCDMA Band 5 Test Data

General Description of EUT	
EUT Name:	Smartphone
Model:	HiBreak Plus
Sample ID:	HC-C-202512-0174-08-01-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	45%RH
Test Voltage:	DC 3.85V
Test Engineer:	Gold. Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202512-0174-134 The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result(WCDMA)

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	19.51	38.45	PASS
Band5	4182	19.50	38.45	PASS
Band5	4233	19.64	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	18.49	38.45	PASS
Band5	4132	2	0.00	38.45	PASS
Band5	4132	3	18.00	38.45	PASS
Band5	4132	4	18.01	38.45	PASS
Band5	4182	1	18.47	38.45	PASS
Band5	4182	2	18.00	38.45	PASS
Band5	4182	3	17.95	38.45	PASS
Band5	4182	4	17.99	38.45	PASS
Band5	4233	1	18.67	38.45	PASS
Band5	4233	2	18.14	38.45	PASS
Band5	4233	3	18.13	38.45	PASS
Band5	4233	4	18.17	38.45	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	20.60	38.45	PASS
Band5	4132	2	20.58	38.45	PASS
Band5	4132	3	21.64	38.45	PASS
Band5	4132	4	20.11	38.45	PASS
Band5	4132	5	21.62	38.45	PASS
Band5	4182	1	20.84	38.45	PASS
Band5	4182	2	20.83	38.45	PASS
Band5	4182	3	21.82	38.45	PASS
Band5	4182	4	20.35	38.45	PASS
Band5	4182	5	21.77	38.45	PASS
Band5	4233	1	20.79	38.45	PASS
Band5	4233	2	20.80	38.45	PASS
Band5	4233	3	21.79	38.45	PASS
Band5	4233	4	20.31	38.45	PASS
Band5	4233	5	21.72	38.45	PASS

2: Peak-to-Average Ratio

Test Result Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	2.25	13	PASS
Band5	4182	3.02	13	PASS
Band5	4233	2.37	13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	2.61	13	PASS
Band5	4132	2	3.34	13	PASS
Band5	4132	3	3.52	13	PASS
Band5	4132	4	3.59	13	PASS
Band5	4182	1	3.08	13	PASS
Band5	4182	2	3.66	13	PASS
Band5	4182	3	3.85	13	PASS
Band5	4182	4	3.88	13	PASS
Band5	4233	1	2.66	13	PASS
Band5	4233	2	3.42	13	PASS
Band5	4233	3	3.61	13	PASS
Band5	4233	4	3.65	13	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.12	13	PASS
Band5	4132	2	5.12	13	PASS
Band5	4132	3	4.42	13	PASS
Band5	4132	4	4.99	13	PASS
Band5	4132	5	3.72	13	PASS
Band5	4182	1	4.43	13	PASS
Band5	4182	2	5.62	13	PASS
Band5	4182	3	5.13	13	PASS
Band5	4182	4	5.45	13	PASS
Band5	4182	5	4.18	13	PASS
Band5	4233	1	4.12	13	PASS
Band5	4233	2	5.14	13	PASS
Band5	4233	3	4.45	13	PASS
Band5	4233	4	4.99	13	PASS
Band5	4233	5	3.75	13	PASS

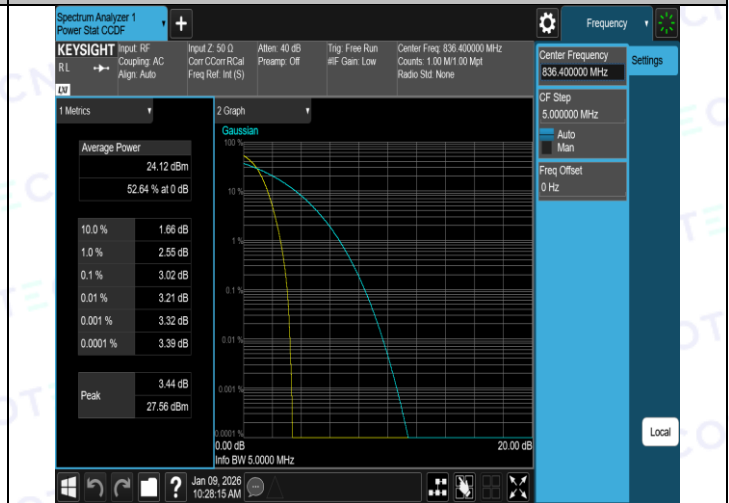
Test Graphs

WCDMA

Band5-4132-PASS



Band5-4182-PASS

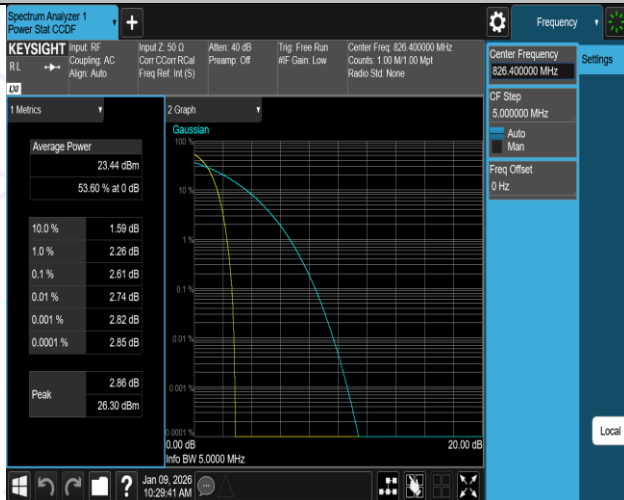


Band5-4233-PASS

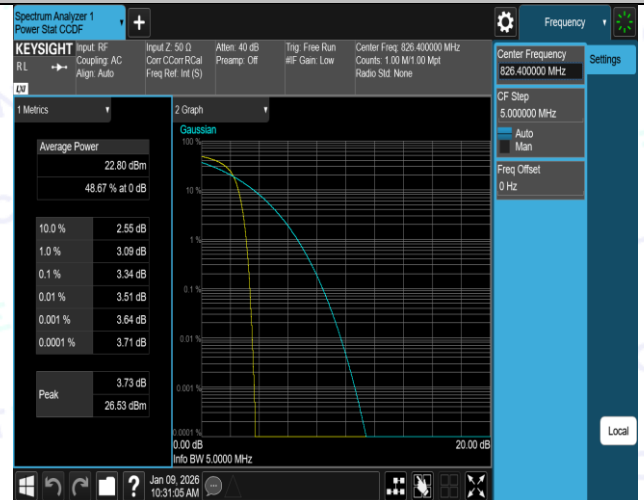


WCDMA_HSDPA

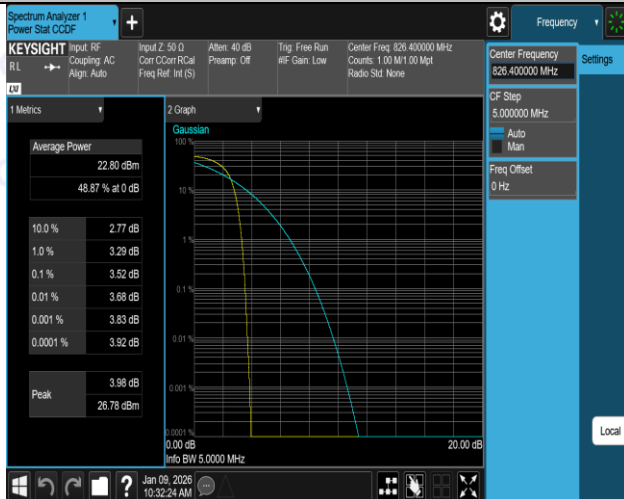
Band5-4132-1-PASS



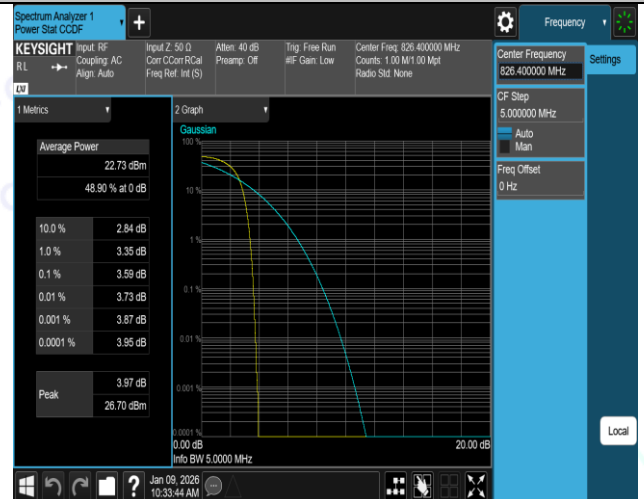
Band5-4132-2-PASS



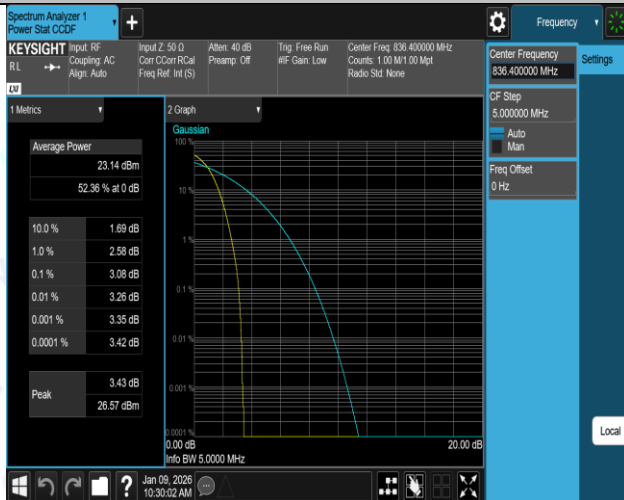
Band5-4132-3-PASS



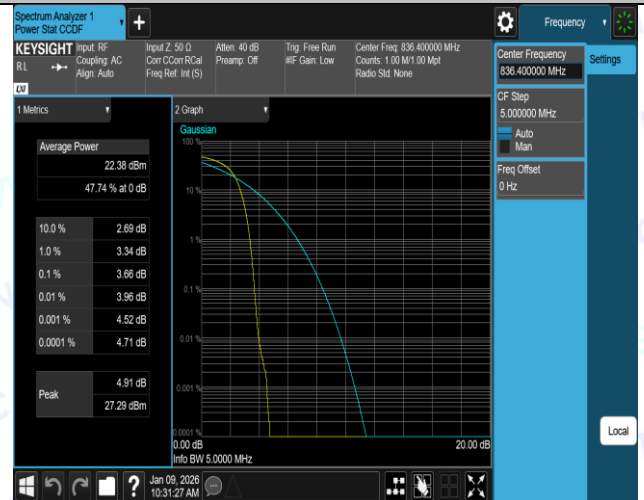
Band5-4132-4-PASS



Band5-4182-1-PASS

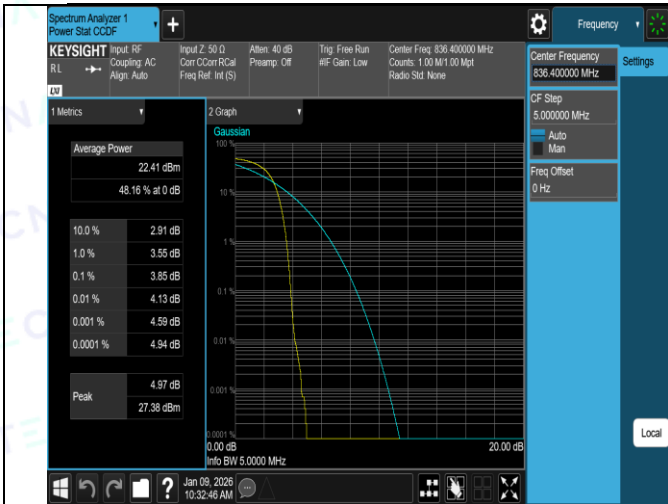


Band5-4182-2-PASS

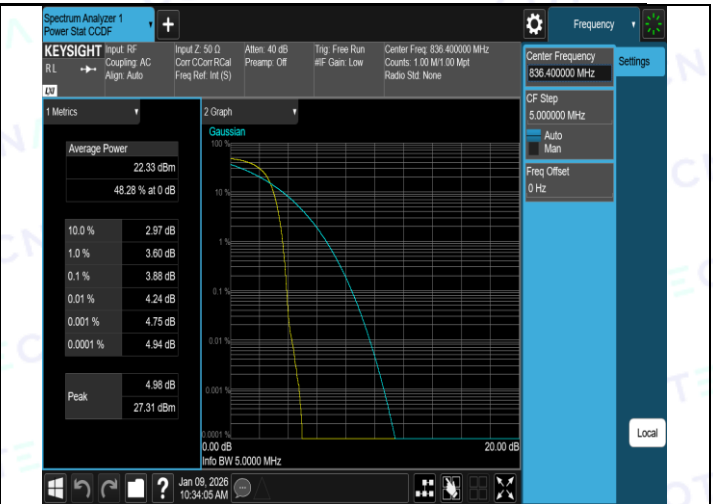


Band5-4182-3-PASS

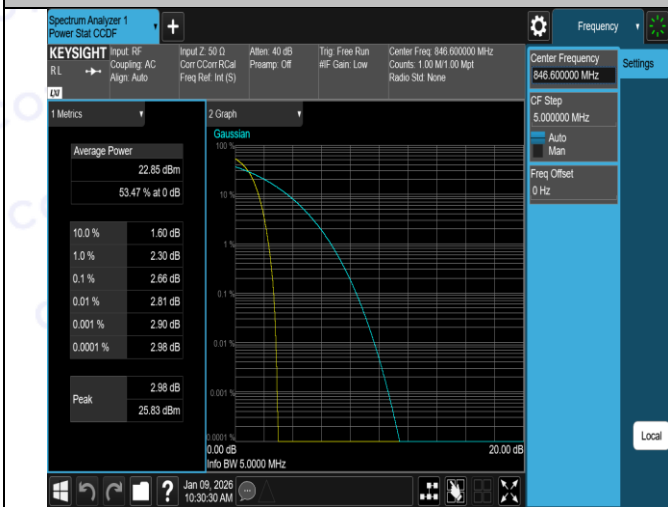
Band5-4182-4-PASS



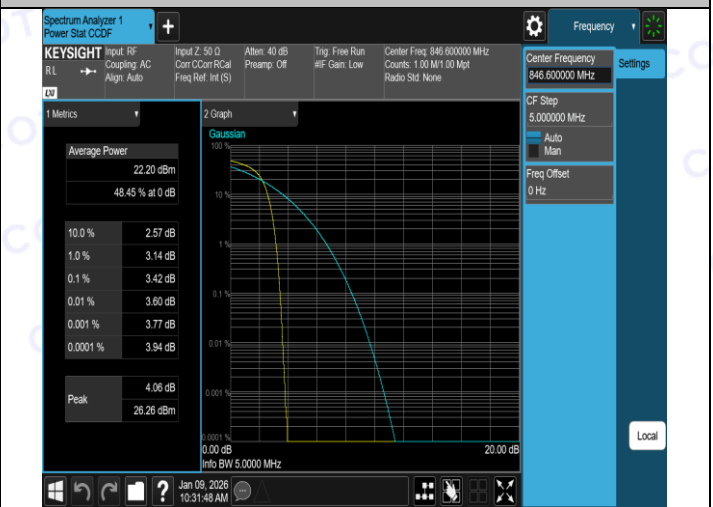
Band5-4233-1-PASS



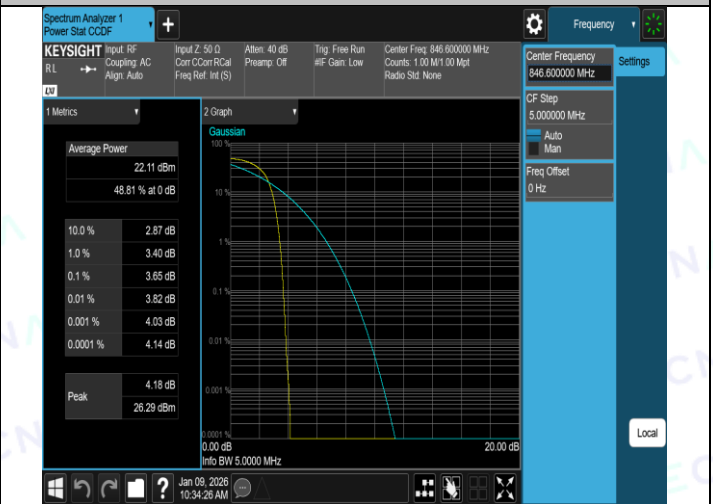
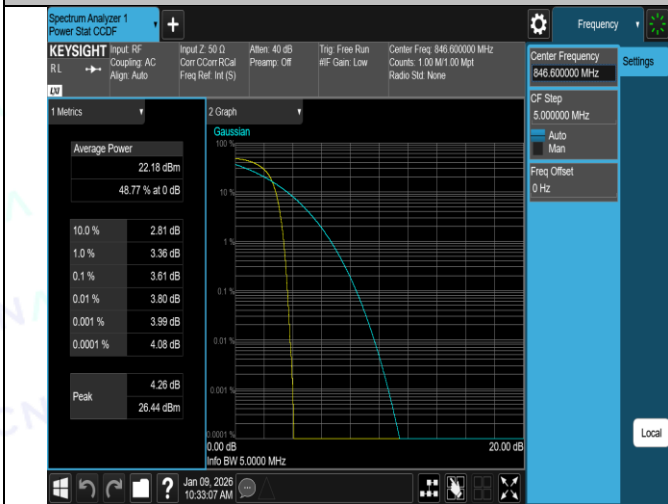
Band5-4233-2-PASS



Band5-4233-3-PASS

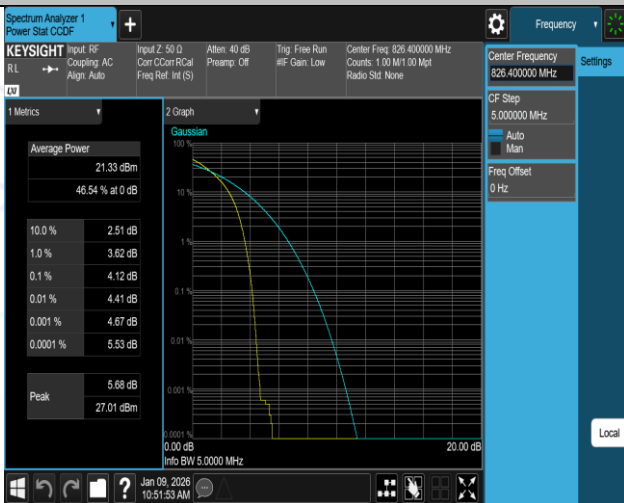


Band5-4233-4-PASS

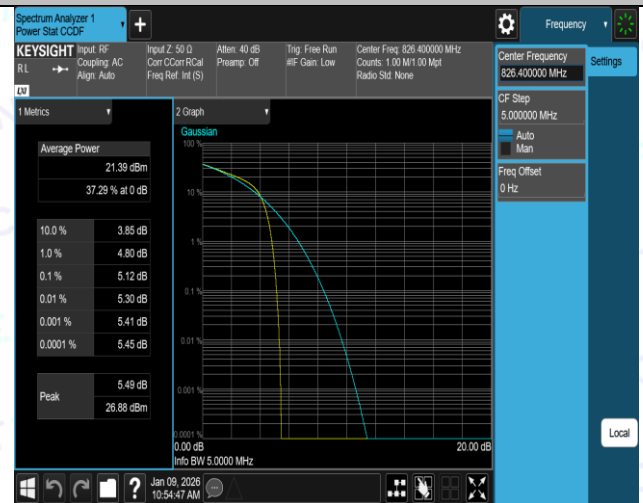


WCDMA_HSUPA

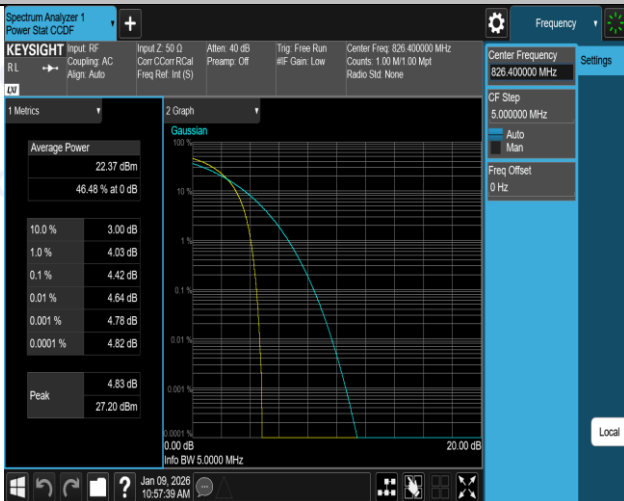
Band5-4132-1-PASS



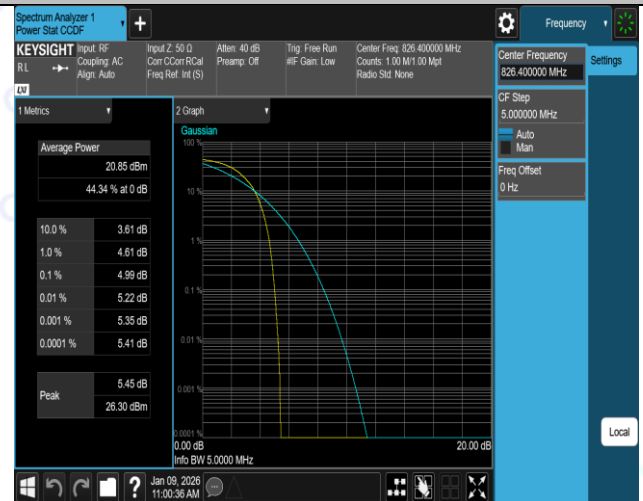
Band5-4132-2-PASS



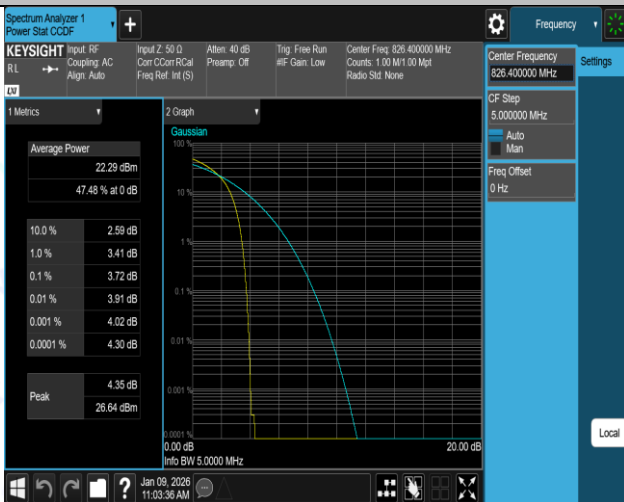
Band5-4132-3-PASS



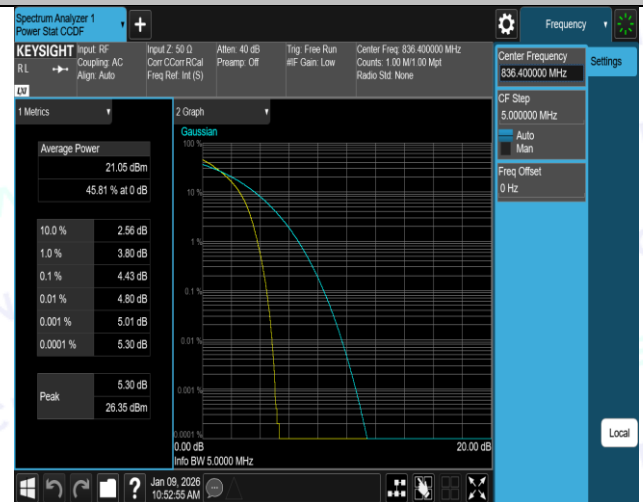
Band5-4132-4-PASS



Band5-4132-5-PASS

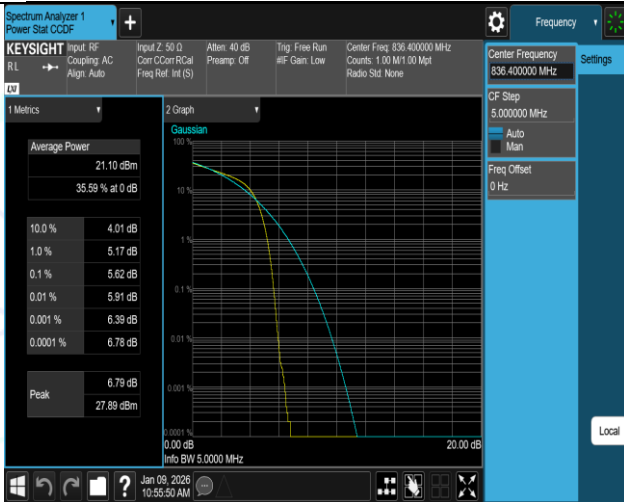


Band5-4182-1-PASS

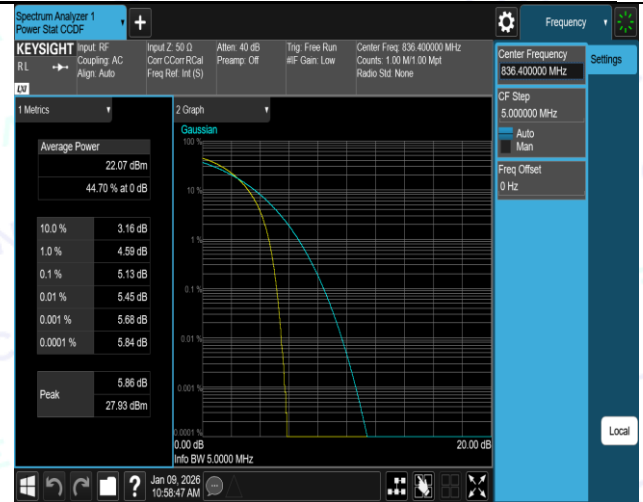


Band5-4182-2-PASS

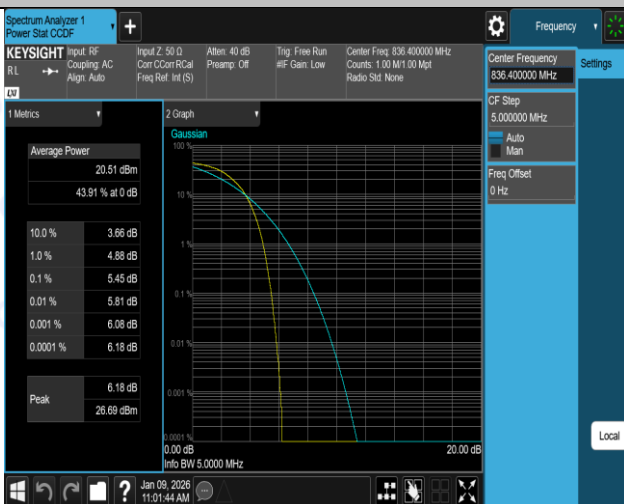
Band5-4182-3-PASS



Band5-4182-4-PASS



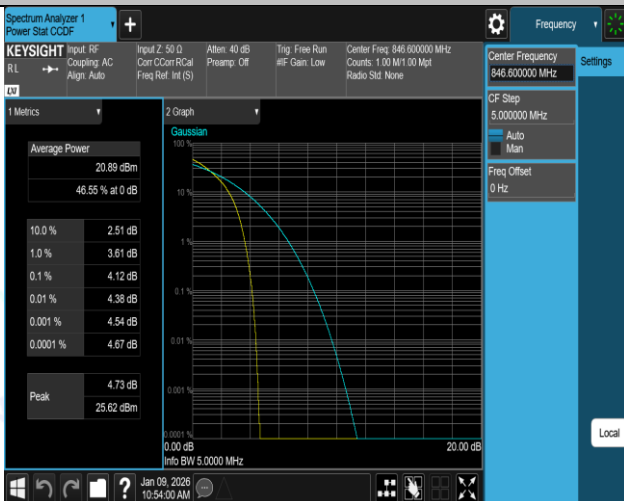
Band5-4182-5-PASS



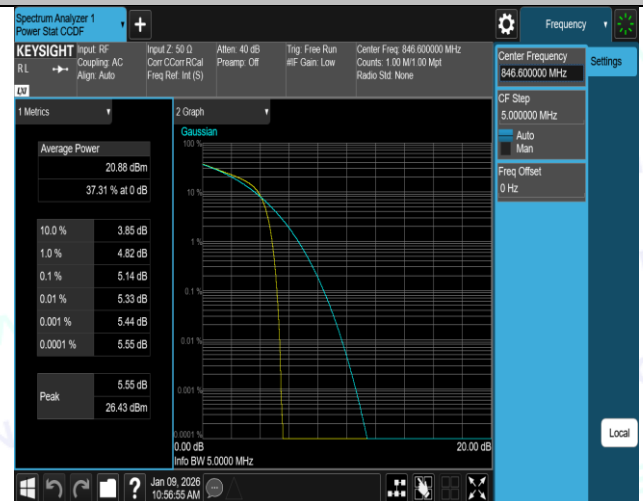
Band5-4233-1-PASS



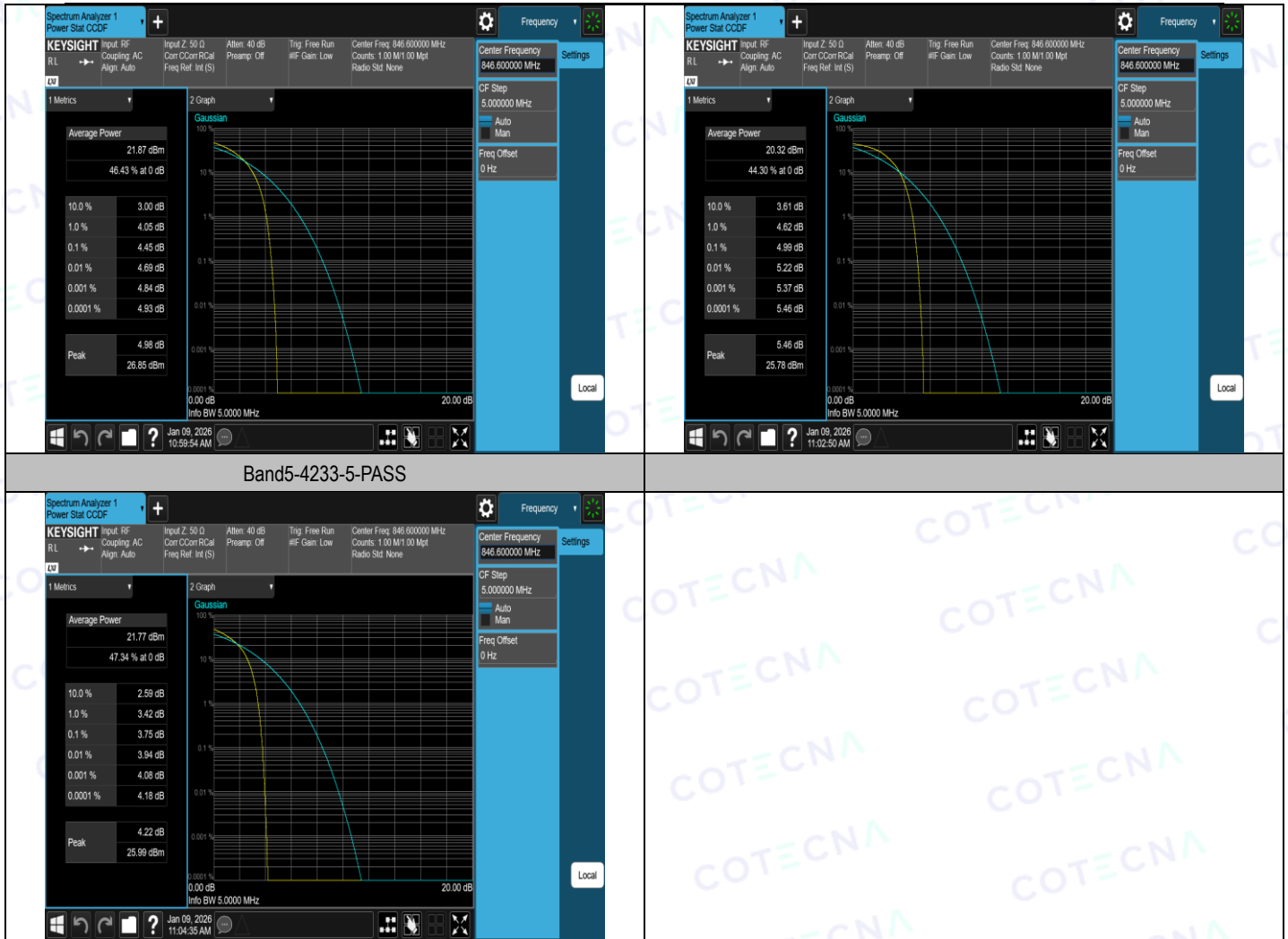
Band5-4233-2-PASS



Band5-4233-3-PASS



Band5-4233-4-PASS



3: 26dB Bandwidth and Occupied Bandwidth

Test Result

WCDMA					
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.1656	4.707	---	PASS
Band5	4182	4.1670	4.704	---	PASS
Band5	4233	4.1751	4.728	---	PASS

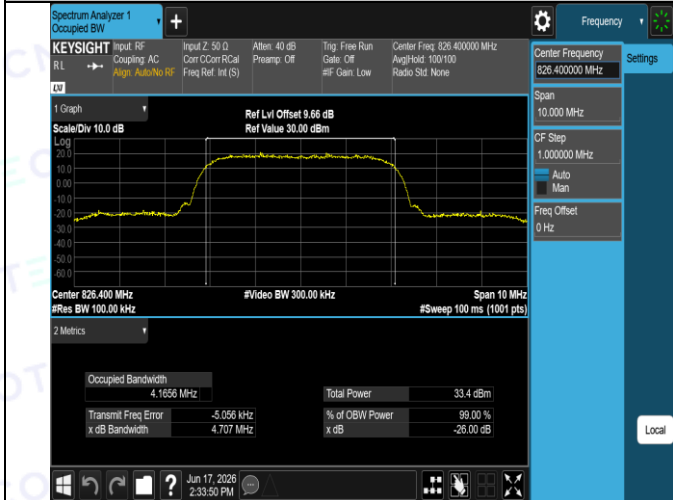
WCDMA_HSDPA						
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	1	4.1657	4.701	---	PASS
Band5	4132	2	4.1692	4.713	---	PASS
Band5	4132	3	4.1697	4.718	---	PASS
Band5	4132	4	4.1782	4.702	---	PASS
Band5	4182	1	4.1788	4.705	---	PASS
Band5	4182	2	4.1844	4.719	---	PASS
Band5	4182	3	4.1837	4.871	---	PASS
Band5	4182	4	4.1948	4.729	---	PASS
Band5	4233	1	4.1780	4.716	---	PASS
Band5	4233	2	4.1915	4.708	---	PASS
Band5	4233	3	4.1834	4.719	---	PASS
Band5	4233	4	4.1833	4.717	---	PASS

WCDMA_HSUPA						
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.1944	4.713	---	PASS
Band5	4132	2	4.2137	4.967	---	PASS
Band5	4132	3	4.2135	4.850	---	PASS
Band5	4132	4	4.1893	4.721	---	PASS
Band5	4132	5	4.1956	4.731	---	PASS
Band5	4182	1	4.1880	4.708	---	PASS
Band5	4182	2	4.2015	4.733	---	PASS
Band5	4182	3	4.1958	4.727	---	PASS
Band5	4182	4	4.1865	4.737	---	PASS
Band5	4182	5	4.1799	4.705	---	PASS
Band5	4233	1	4.1861	4.725	---	PASS
Band5	4233	2	4.2122	5.305	---	PASS
Band5	4233	3	4.2150	5.083	---	PASS
Band5	4233	4	4.1911	4.737	---	PASS
Band5	4233	5	4.1907	4.759	---	PASS

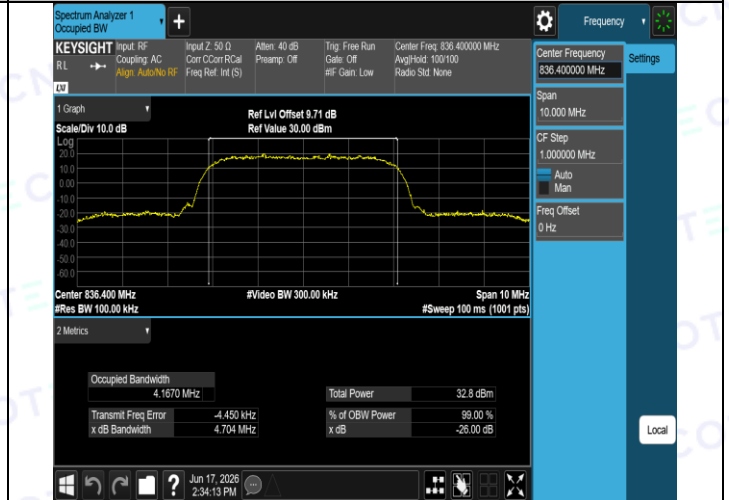
Test Graphs

WCDMA

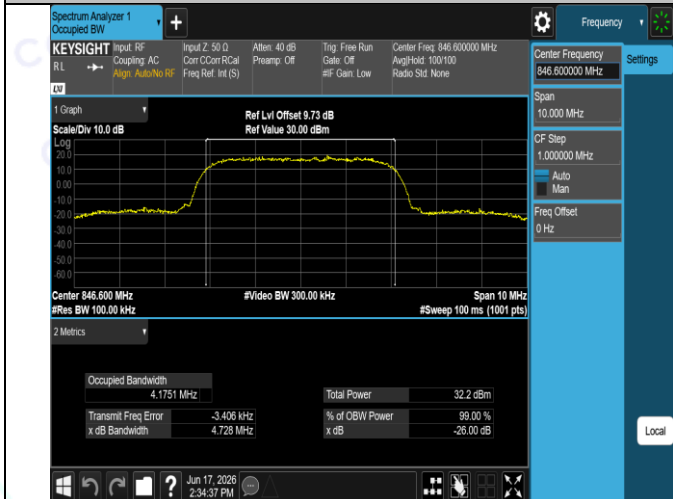
Band5-4132-PASS



Band5-4182-PASS

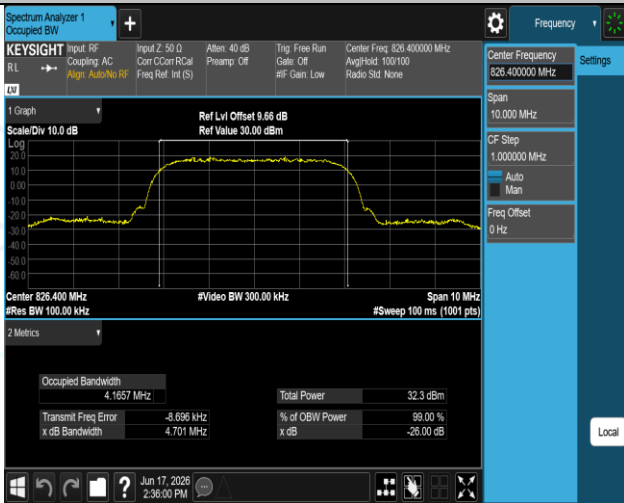


Band5-4233-PASS

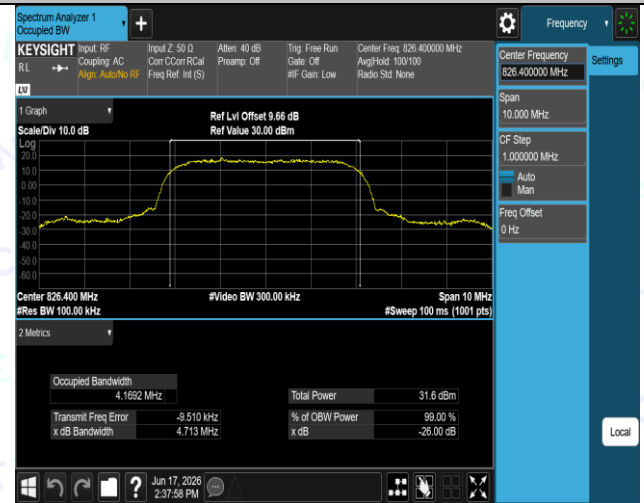


WCDMA_HSDPA

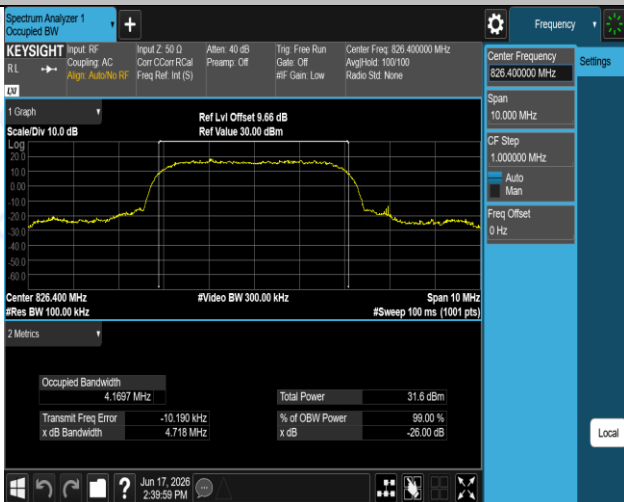
Band5-4132-1-PASS



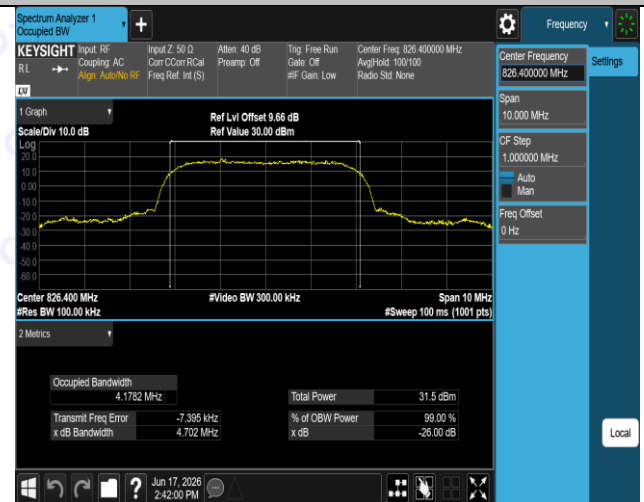
Band5-4132-2-PASS



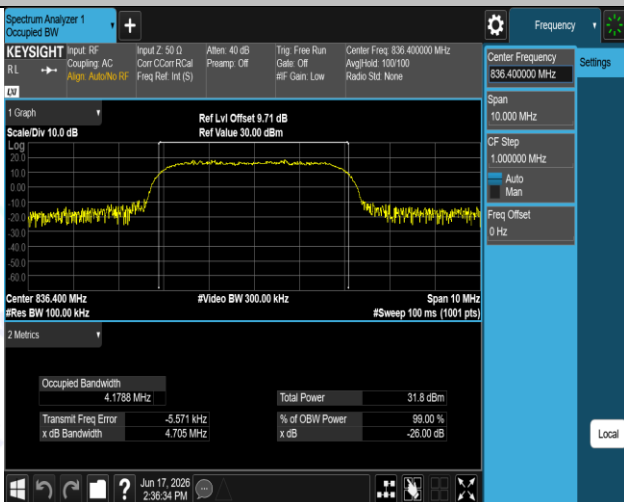
Band5-4132-3-PASS



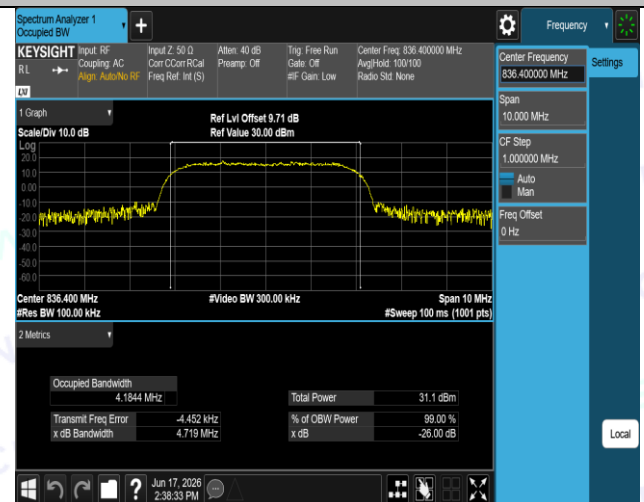
Band5-4132-4-PASS



Band5-4182-1-PASS

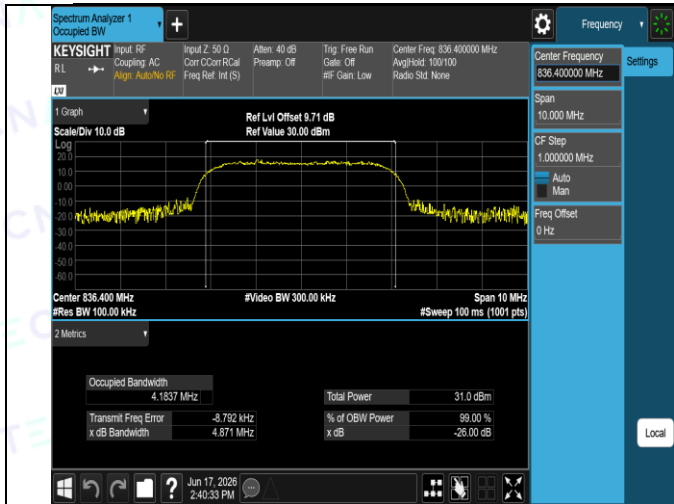


Band5-4182-2-PASS

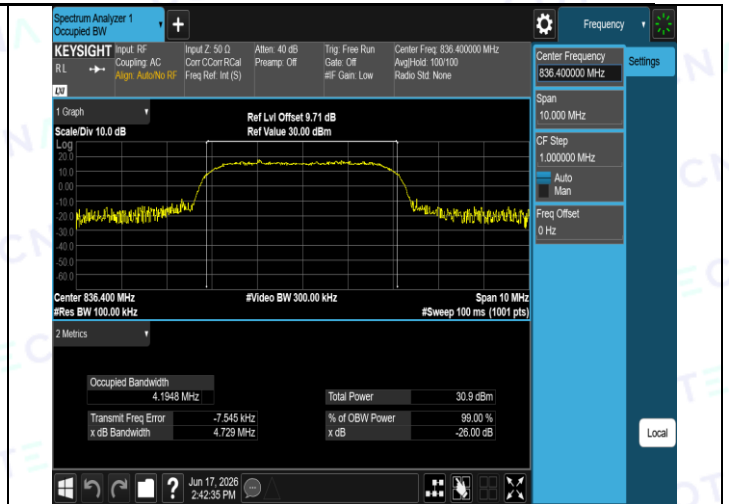


Band5-4182-3-PASS

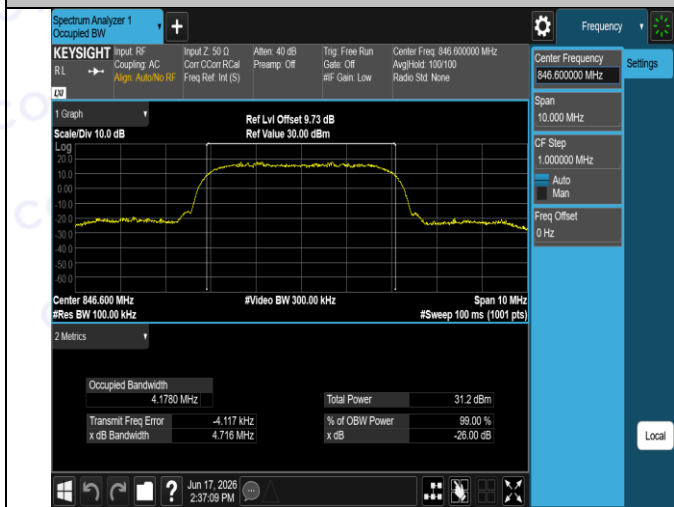
Band5-4182-4-PASS



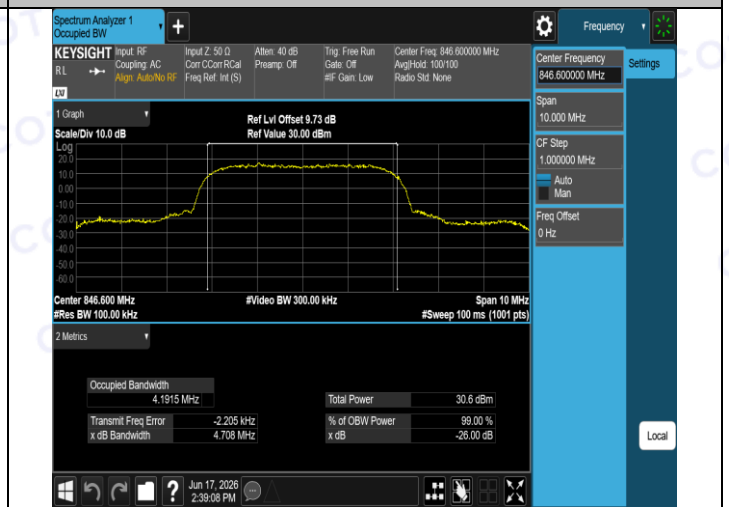
Band5-4233-1-PASS



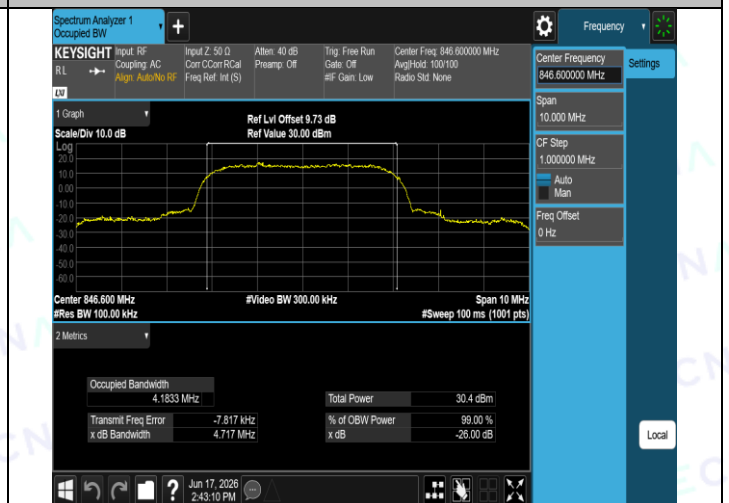
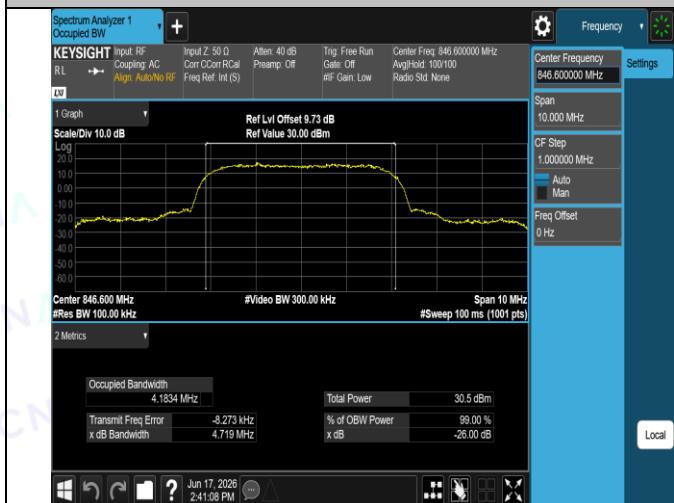
Band5-4233-2-PASS



Band5-4233-3-PASS

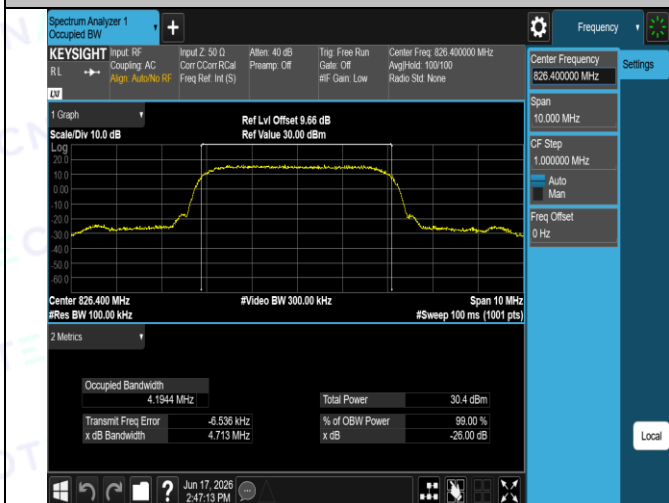


Band5-4233-4-PASS

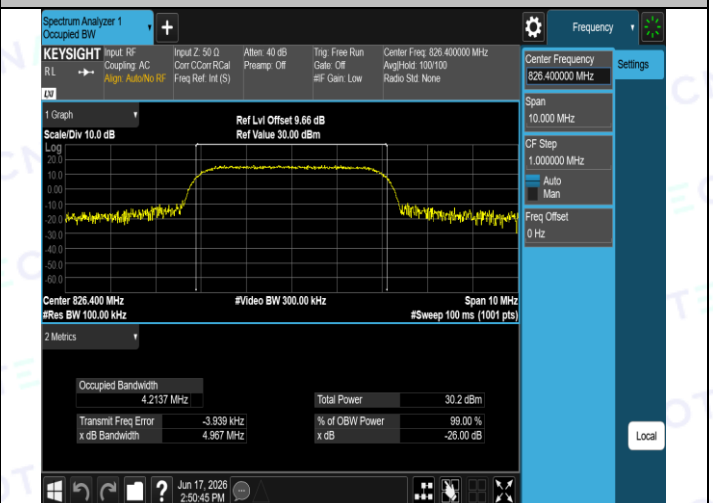


WCDMA_HSUPA

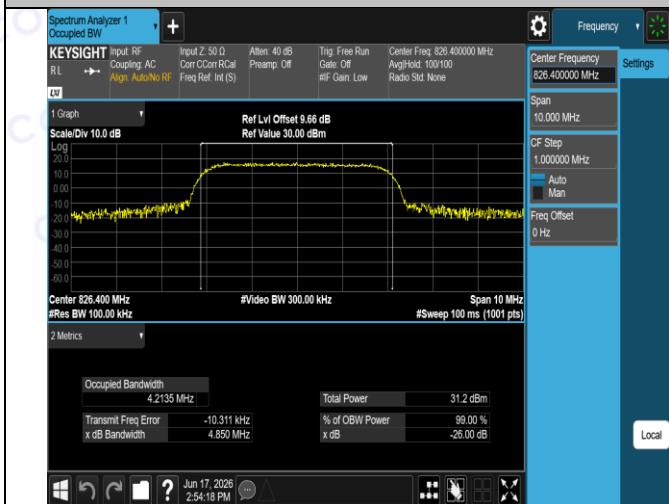
Band5-4132-1-PASS



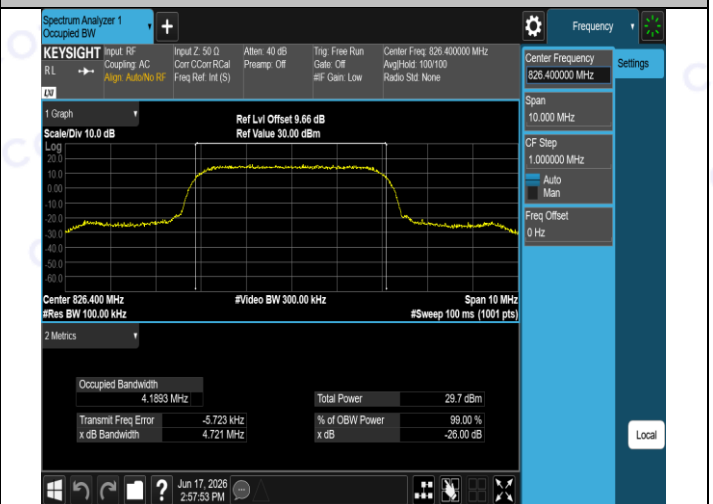
Band5-4132-2-PASS



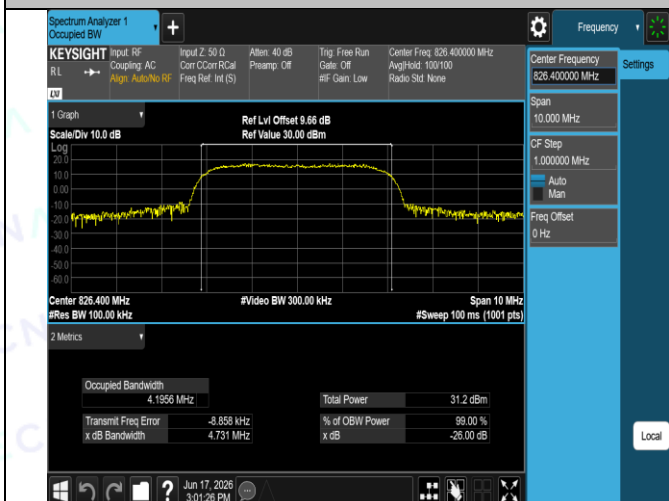
Band5-4132-3-PASS



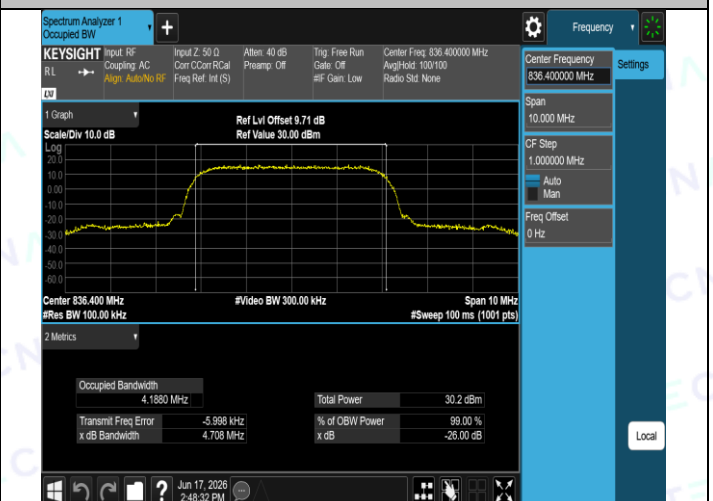
Band5-4132-4-PASS



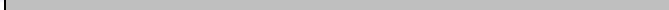
Band5-4132-5-PASS



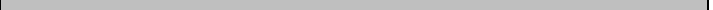
Band5-4182-1-PASS

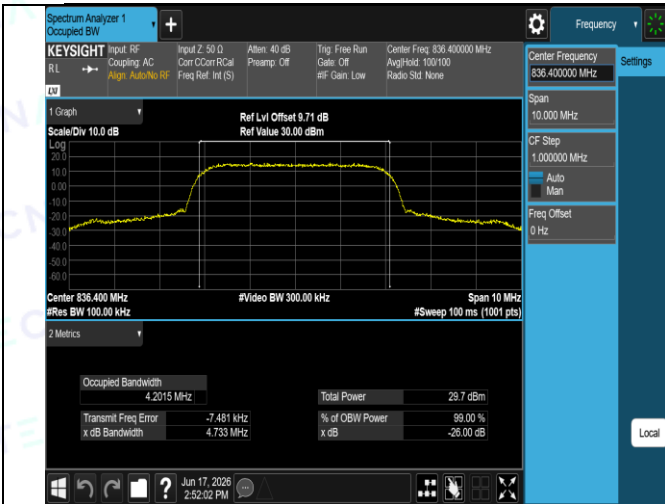


Band5-4182-2-PASS

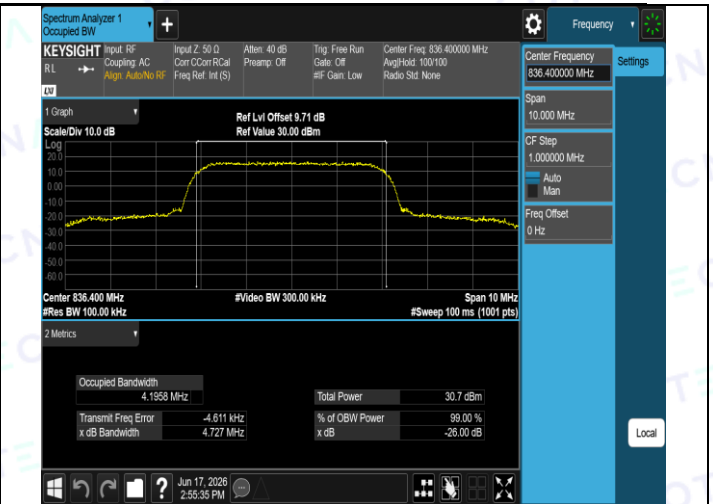


Band5-4182-3-PASS

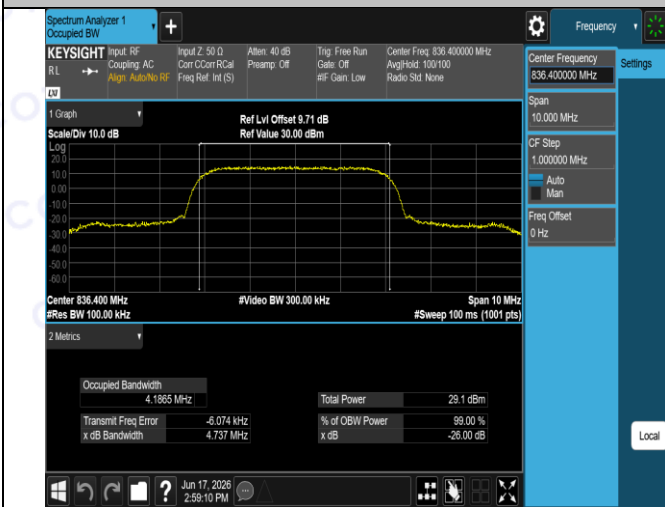




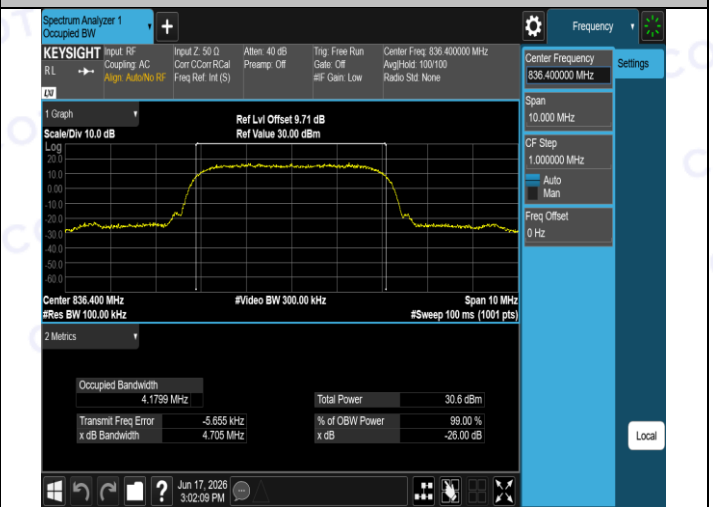
Band5-4182-4-PASS



Band5-4182-5-PASS



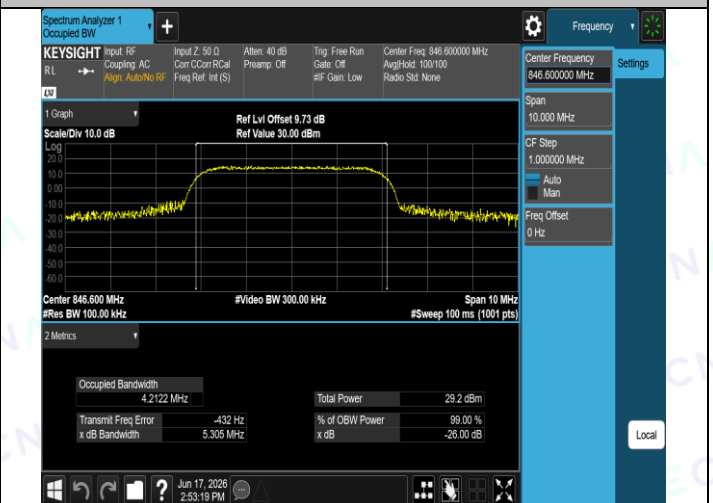
Band5-4233-1-PASS



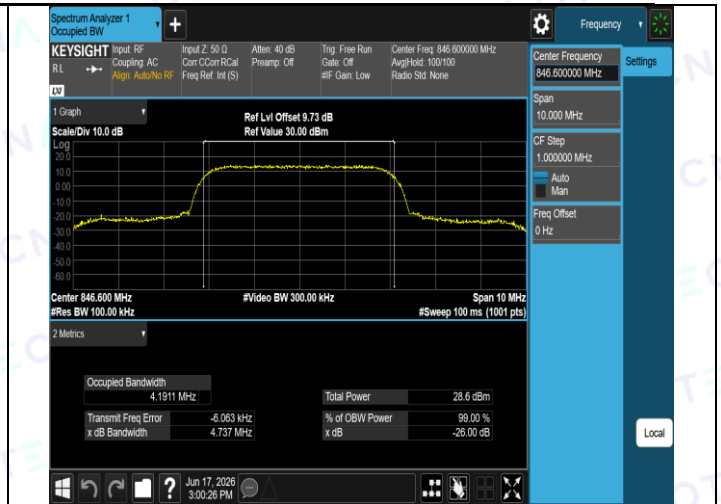
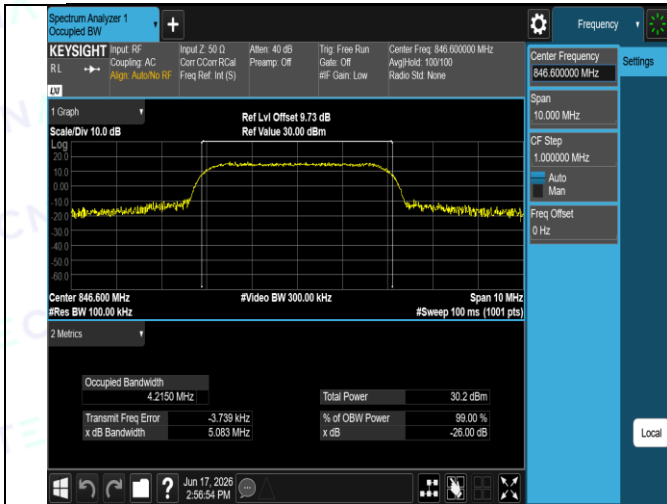
Band5-4233-2-PASS



Band5-4233-3-PASS



Band5-4233-4-PASS



Band5-4233-5-PASS



4: Band Edge

Test Result

WCDMA					
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.86	-41.39	-13	PASS
Band5	4233	849.00	-32.22	-13	PASS

WCDMA_HSDPA						
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.88	-25.83	-13	PASS
Band5	4132	2	823.88	-26.60	-13	PASS
Band5	4132	3	823.86	-26.70	-13	PASS
Band5	4132	4	823.89	-26.85	-13	PASS
Band5	4233	1	849.12	-27.95	-13	PASS
Band5	4233	2	849.11	-26.55	-13	PASS
Band5	4233	3	849.11	-25.59	-13	PASS
Band5	4233	4	849.13	-25.44	-13	PASS

WCDMA_HSUPA						
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.89	-28.30	-13	PASS
Band5	4132	2	823.88	-27.68	-13	PASS
Band5	4132	3	823.86	-26.49	-13	PASS
Band5	4132	4	824.00	-29.71	-13	PASS
Band5	4132	5	823.87	-27.25	-13	PASS
Band5	4233	1	849.11	-29.15	-13	PASS
Band5	4233	2	849.13	-26.99	-13	PASS
Band5	4233	3	849.14	-26.82	-13	PASS
Band5	4233	4	849.13	-29.27	-13	PASS
Band5	4233	5	849.12	-28.93	-13	PASS

Test Graphs

WCDMA

Band5-4132-PASS



Band5-4233-PASS



WCDMA_HSDPA

Band5-4132-1-PASS



Band5-4132-2-PASS



Band5-4132-3-PASS



Band5-4132-4-PASS



Band5-4233-1-PASS



Band5-4233-2-PASS



Band5-4233-3-PASS

Band5-4233-4-PASS

