

WCDMA Band 2 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°C
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
Band2	9262	21.14	33	PASS
Band2	9400	21.27	33	PASS
Band2	9538	20.94	33	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	20.15	33	PASS
Band2	9262	2	19.67	33	PASS
Band2	9262	4	19.65	33	PASS
Band2	9262	3	19.70	33	PASS
Band2	9400	1	20.30	33	PASS
Band2	9400	2	19.80	33	PASS
Band2	9400	4	19.75	33	PASS
Band2	9400	3	19.82	33	PASS
Band2	9538	4	19.48	33	PASS
Band2	9538	1	19.99	33	PASS
Band2	9538	2	19.46	33	PASS
Band2	9538	3	19.52	33	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	18.15	33	PASS
Band2	9262	2	18.18	33	PASS
Band2	9262	3	19.19	33	PASS
Band2	9262	4	17.69	33	PASS
Band2	9262	5	19.14	33	PASS
Band2	9400	1	18.31	33	PASS
Band2	9400	2	18.35	33	PASS
Band2	9400	3	19.33	33	PASS
Band2	9400	4	17.86	33	PASS
Band2	9400	5	19.26	33	PASS
Band2	9538	1	18.01	33	PASS
Band2	9538	2	18.04	33	PASS
Band2	9538	3	19.03	33	PASS
Band2	9538	4	17.54	33	PASS
Band2	9538	5	18.96	33	PASS

2: Peak-to-Average Ratio

Test Result Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.72	13	PASS
Band2	9400	2.8	13	PASS
Band2	9538	2.74	13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	2.93	13	PASS
Band2	9262	2	3.5	13	PASS
Band2	9262	3	3.69	13	PASS
Band2	9262	4	3.74	13	PASS
Band2	9400	1	2.96	13	PASS
Band2	9400	2	3.57	13	PASS
Band2	9400	3	3.77	13	PASS
Band2	9400	4	3.81	13	PASS
Band2	9538	1	2.94	13	PASS
Band2	9538	2	3.51	13	PASS
Band2	9538	3	3.72	13	PASS
Band2	9538	4	3.77	13	PASS

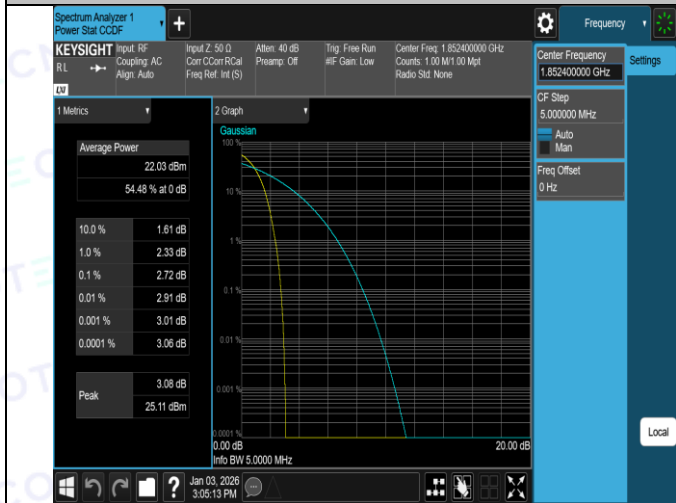
Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.32	13	PASS
Band2	9262	2	5.42	13	PASS
Band2	9262	3	4.84	13	PASS
Band2	9262	4	5.25	13	PASS
Band2	9262	5	4.01	13	PASS
Band2	9400	1	8.42	13	PASS
Band2	9400	2	5.5	13	PASS
Band2	9400	3	4.94	13	PASS
Band2	9400	4	5.3	13	PASS
Band2	9400	5	4.08	13	PASS
Band2	9538	1	4.34	13	PASS
Band2	9538	2	5.45	13	PASS
Band2	9538	3	4.87	13	PASS
Band2	9538	4	5.3	13	PASS
Band2	9538	5	4.06	13	PASS

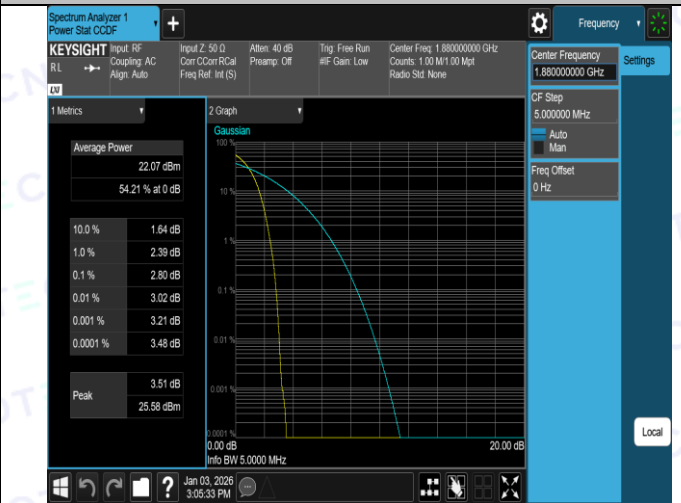
Test Graphs

WCDMA

Band2-9262-PASS

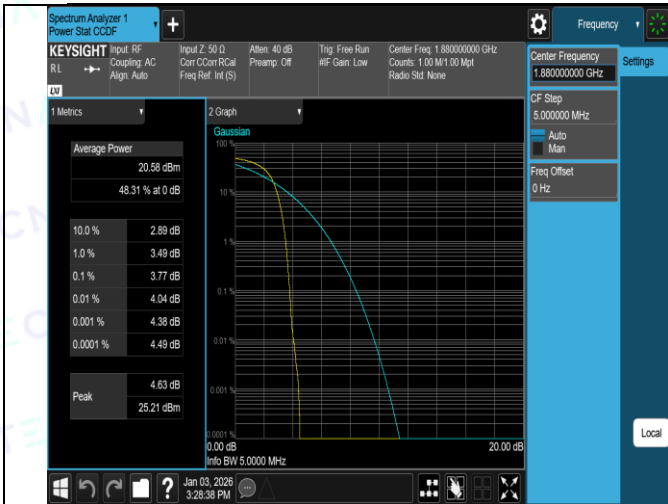


Band2-9400-PASS

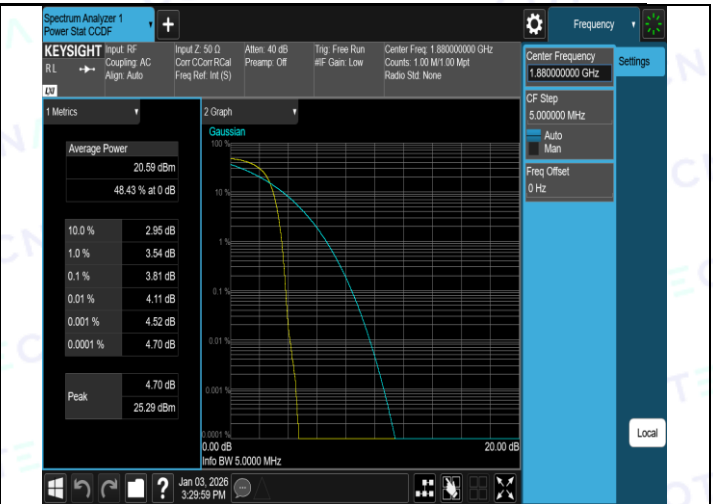


Band2-9538-PASS

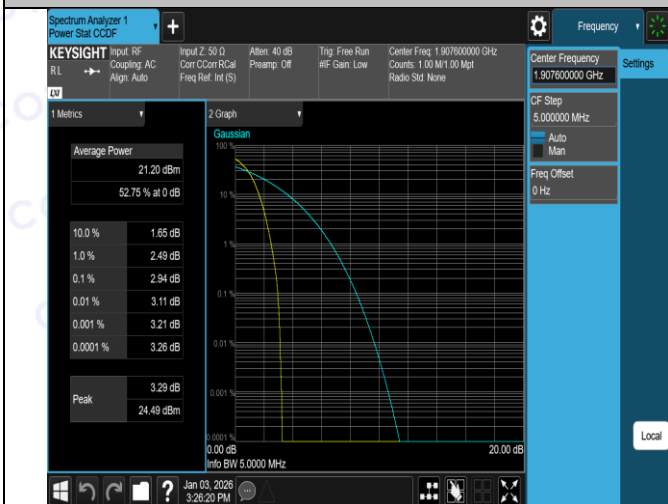




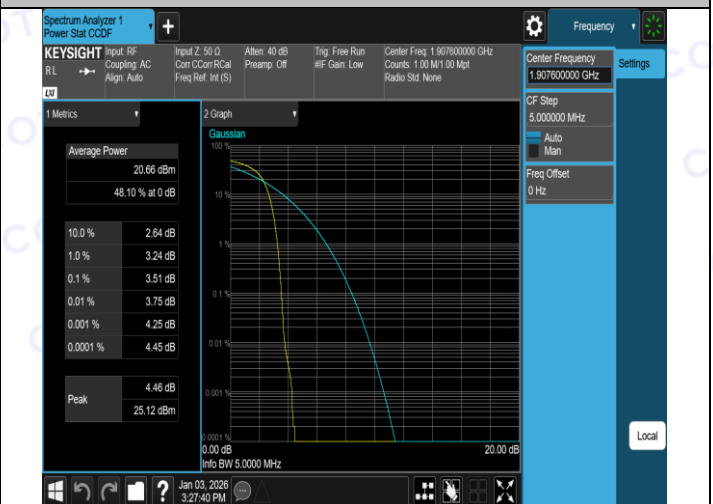
Band2-9538-1-PASS



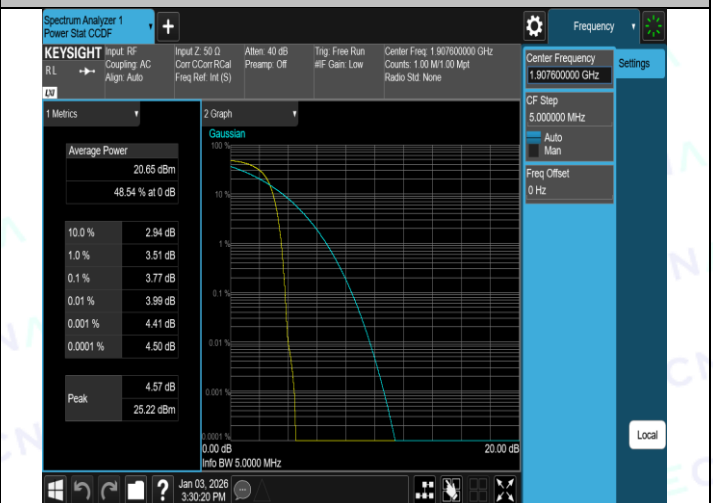
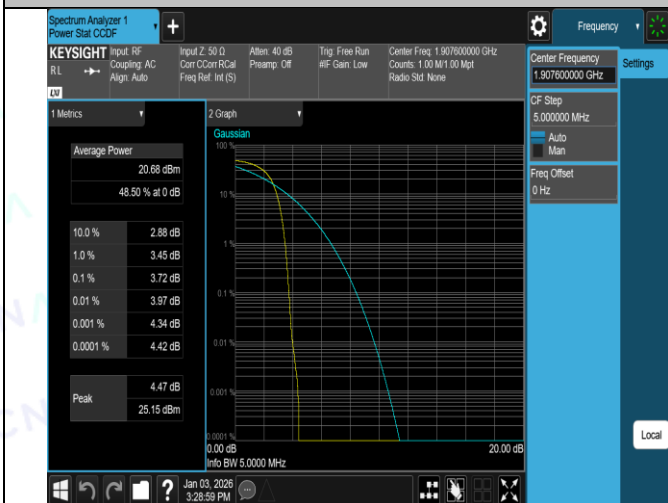
Band2-9538-2-PASS



Band2-9538-3-PASS

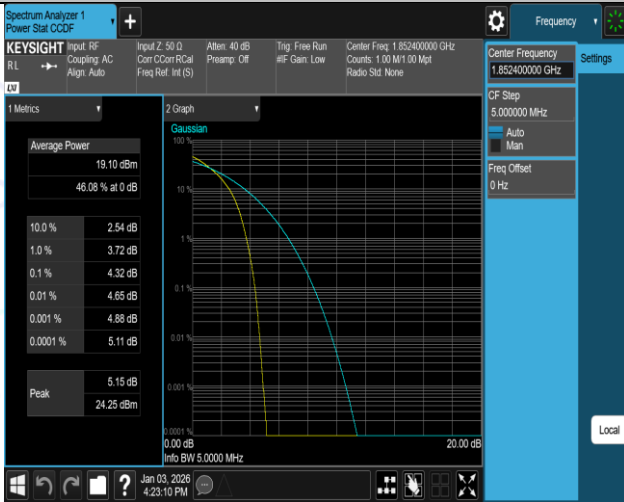


Band2-9538-4-PASS



WCDMA_HSUPA

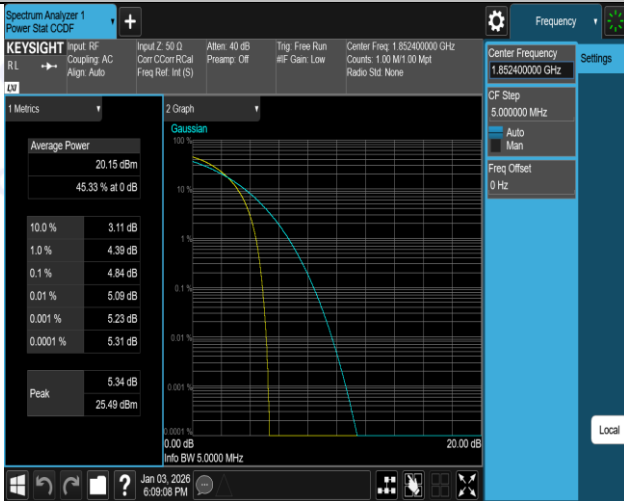
Band2-9262-1-PASS



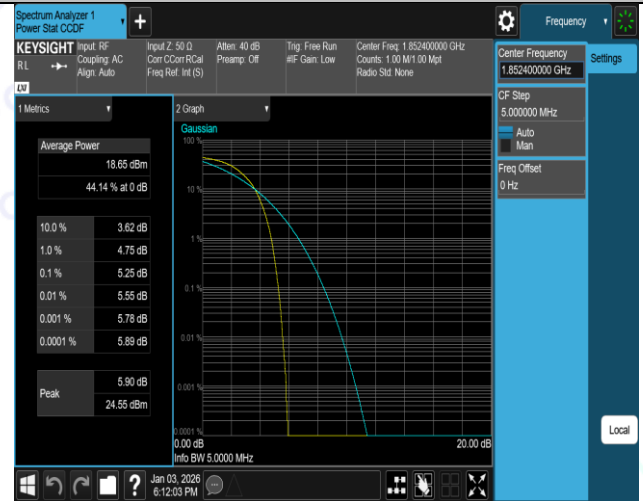
Band2-9262-2-PASS



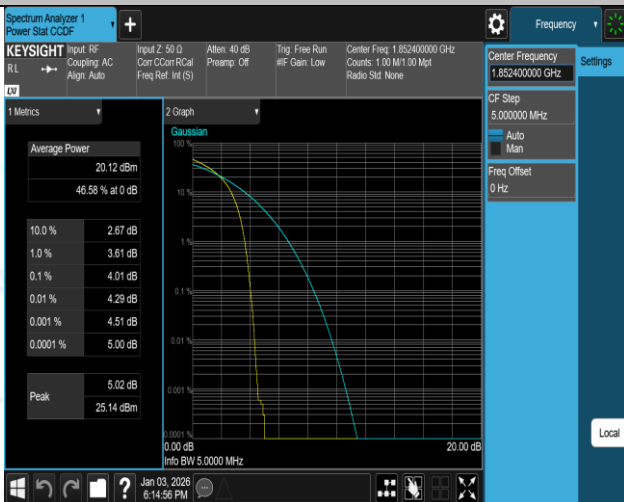
Band2-9262-3-PASS



Band2-9262-4-PASS



Band2-9262-5-PASS

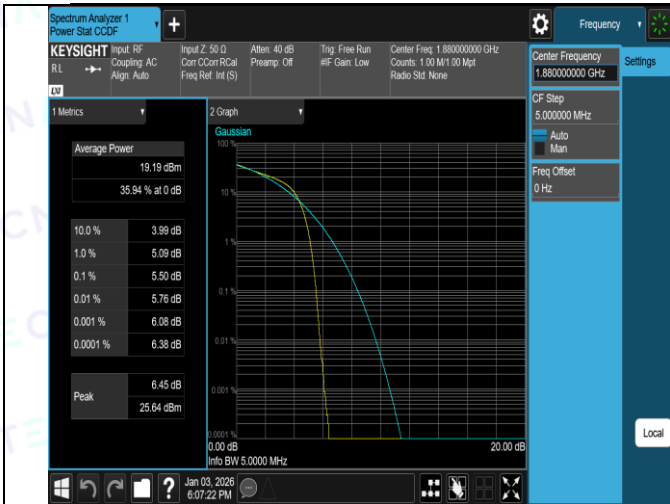


Band2-9400-1-PASS

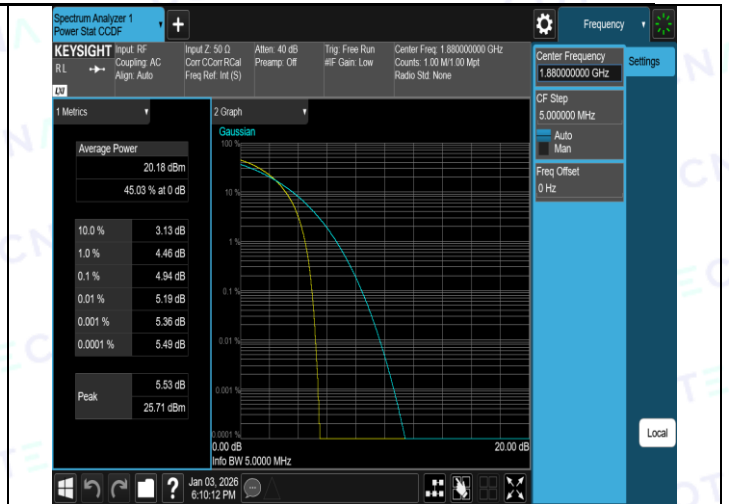


Band2-9400-2-PASS

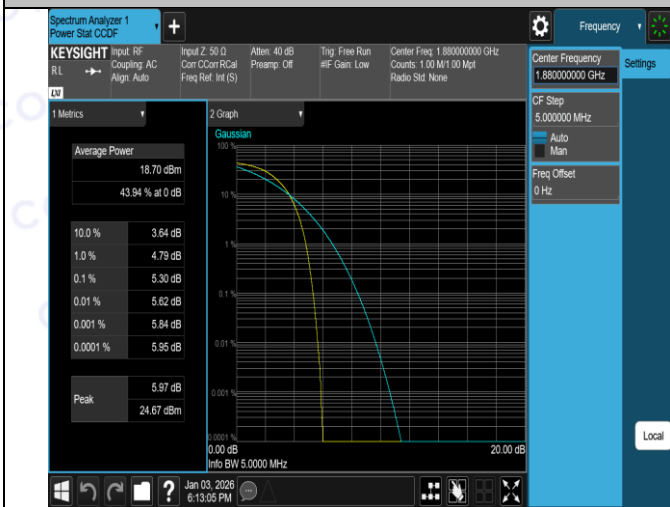
Band2-9400-3-PASS



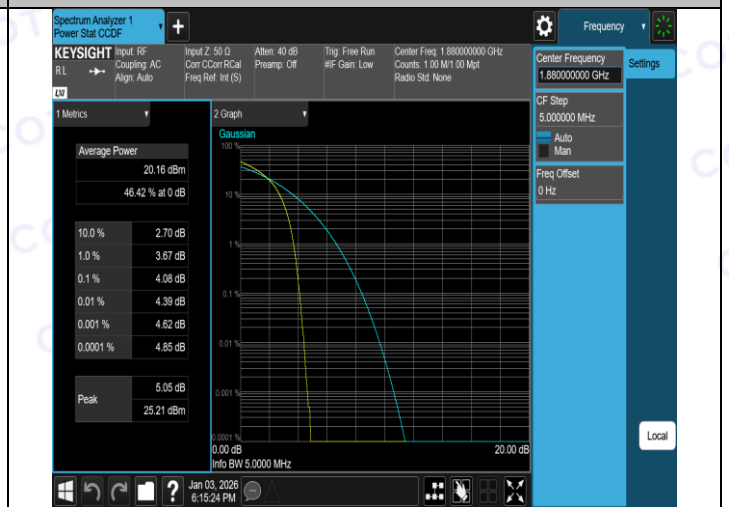
Band2-9400-4-PASS



Band2-9400-5-PASS



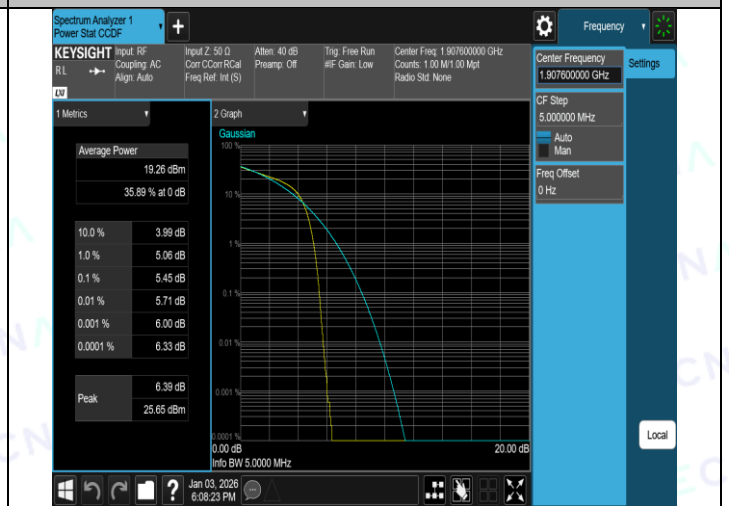
Band2-9538-1-PASS



Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



3: 26dB Bandwidth and Occupied Bandwidth

Test Result

WCDMA					
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.1686	4.718	---	PASS
Band2	9400	4.1841	4.732	---	PASS
Band2	9538	4.1804	4.747	---	PASS

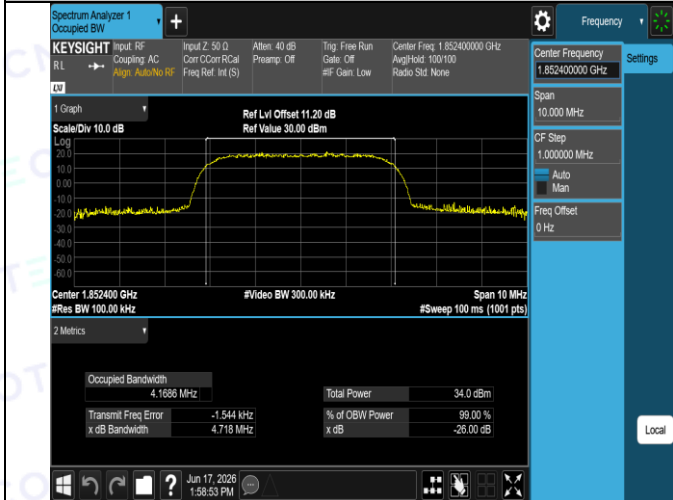
WCDMA_HSDPA						
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	1	4.1737	4.724	---	PASS
Band2	9262	2	4.1724	4.714	---	PASS
Band2	9262	3	4.1708	4.716	---	PASS
Band2	9262	4	4.1608	4.696	---	PASS
Band2	9400	1	4.1756	4.728	---	PASS
Band2	9400	2	4.1745	4.716	---	PASS
Band2	9400	3	4.1784	4.715	---	PASS
Band2	9400	4	4.1805	4.708	---	PASS
Band2	9538	1	4.1824	4.722	---	PASS
Band2	9538	2	4.1733	4.734	---	PASS
Band2	9538	3	4.1738	4.715	---	PASS
Band2	9538	4	4.1781	4.713	---	PASS

WCDMA_HSUPA						
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	1	4.1859	4.714	---	PASS
Band2	9262	2	4.1863	4.707	---	PASS
Band2	9262	3	4.1956	4.732	---	PASS
Band2	9262	4	4.1896	4.713	---	PASS
Band2	9262	5	4.1730	4.712	---	PASS
Band2	9400	1	4.1939	4.712	---	PASS
Band2	9400	2	4.1930	4.720	---	PASS
Band2	9400	3	4.1984	4.728	---	PASS
Band2	9400	4	4.1915	4.721	---	PASS
Band2	9400	5	4.1781	4.731	---	PASS
Band2	9538	1	4.1937	4.746	---	PASS
Band2	9538	2	4.1996	4.741	---	PASS
Band2	9538	3	4.2072	4.743	---	PASS
Band2	9538	4	4.1960	4.726	---	PASS
Band2	9538	5	4.1818	4.731	---	PASS

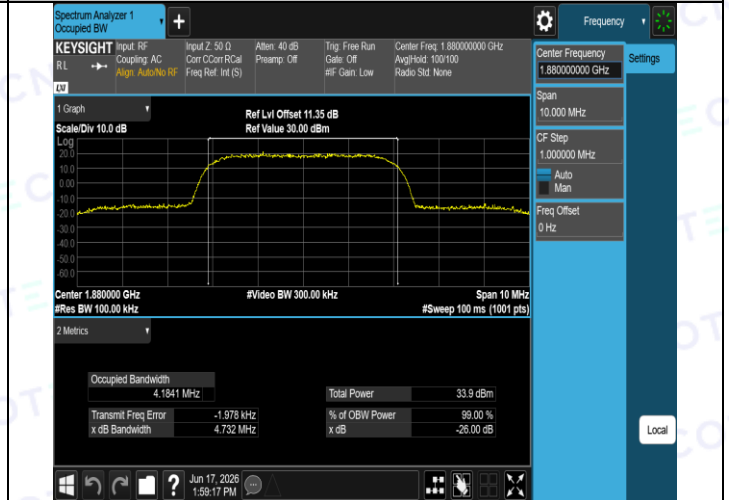
Test Graphs

WCDMA

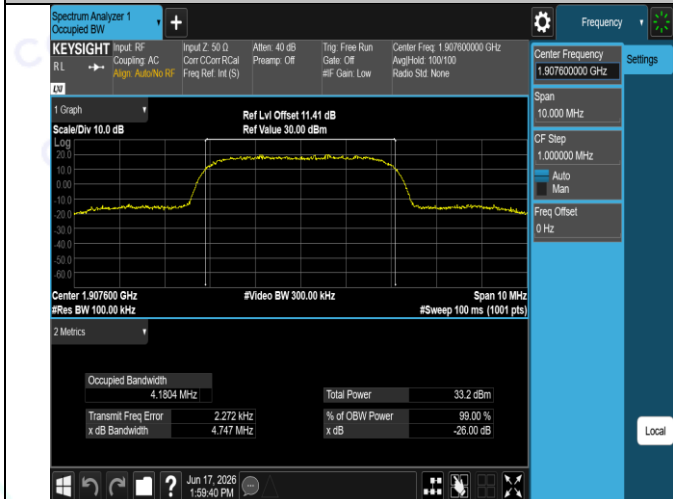
Band2-9262-PASS



Band2-9400-PASS

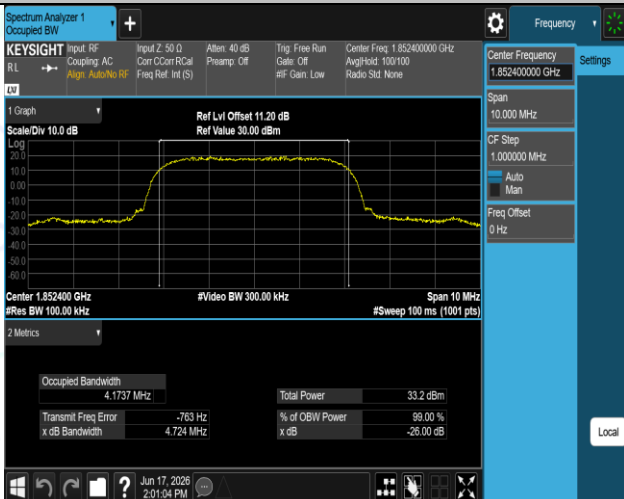


Band2-9538-PASS

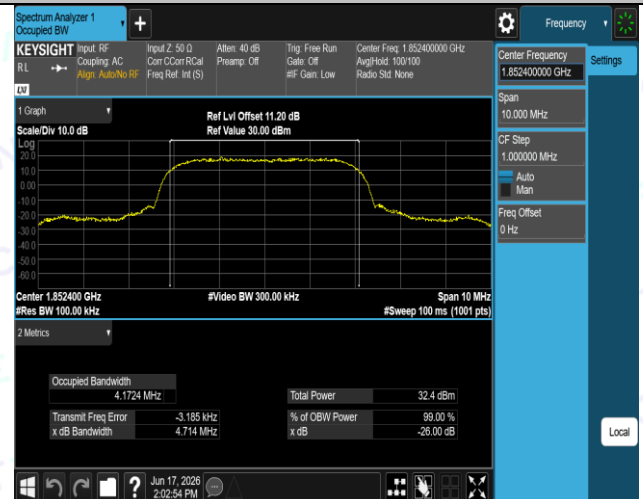


WCDMA_HSDPA

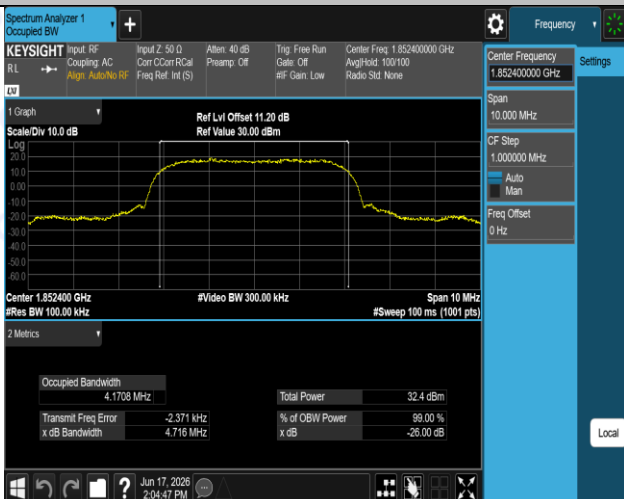
Band2-9262-1-PASS



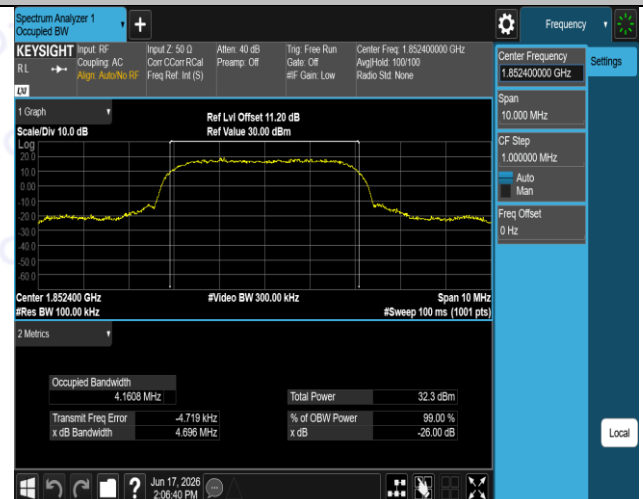
Band2-9262-2-PASS



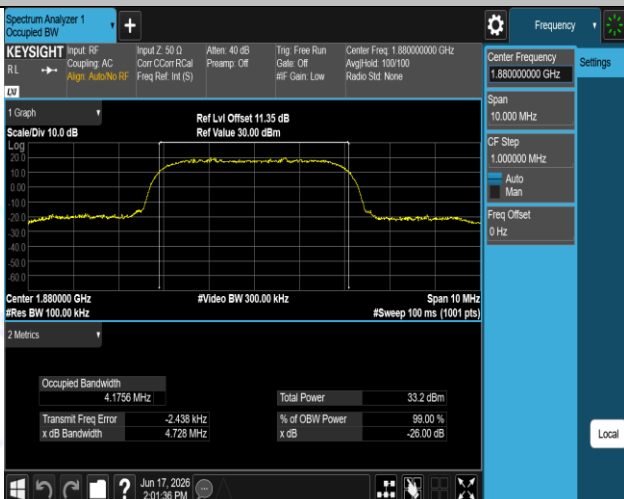
Band2-9262-3-PASS



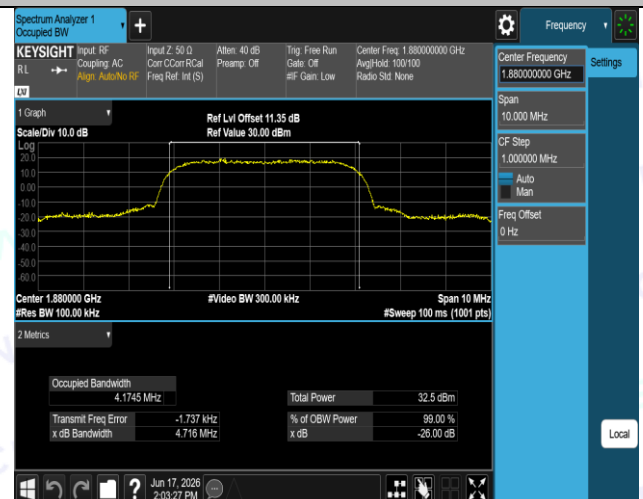
Band2-9262-4-PASS



Band2-9400-1-PASS

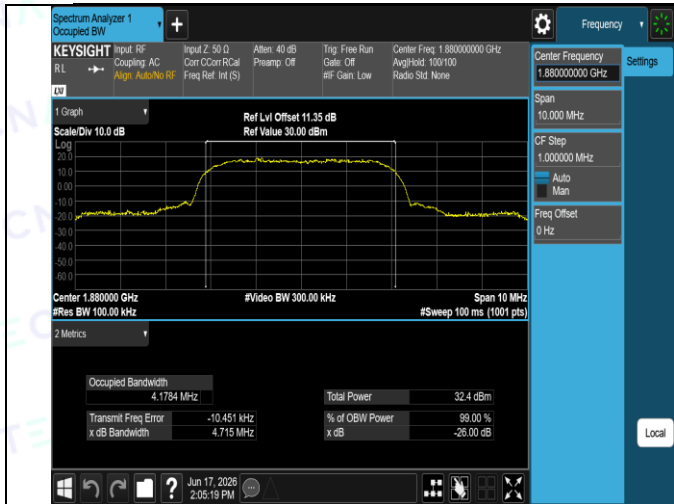


Band2-9400-2-PASS



Band2-9400-3-PASS

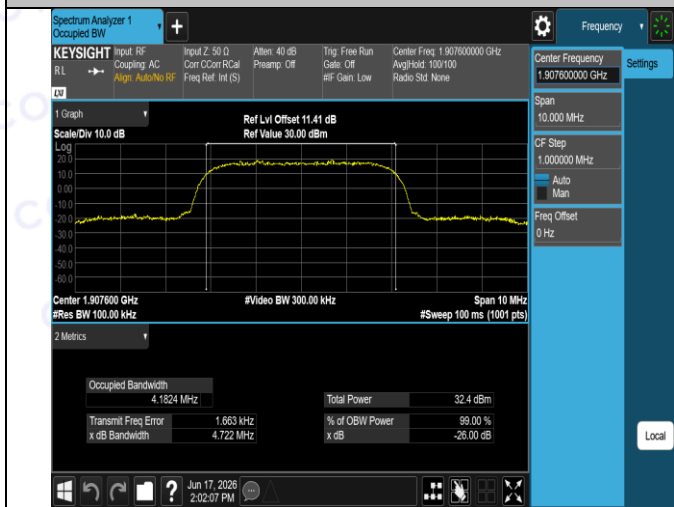
Band2-9400-4-PASS



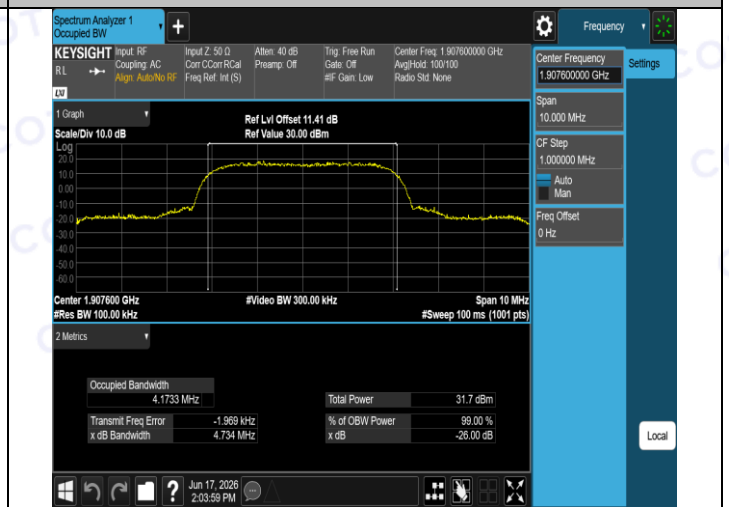
Band2-9538-1-PASS



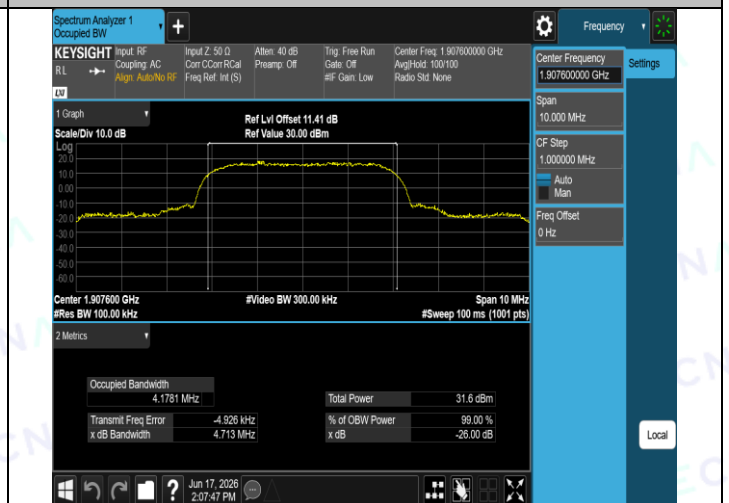
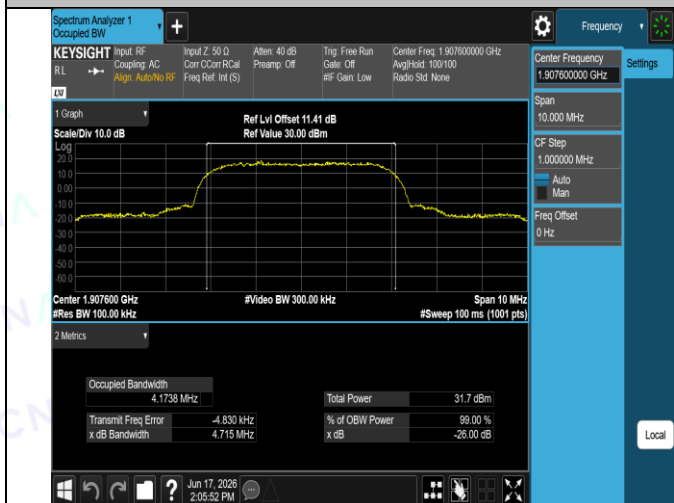
Band2-9538-2-PASS



Band2-9538-3-PASS

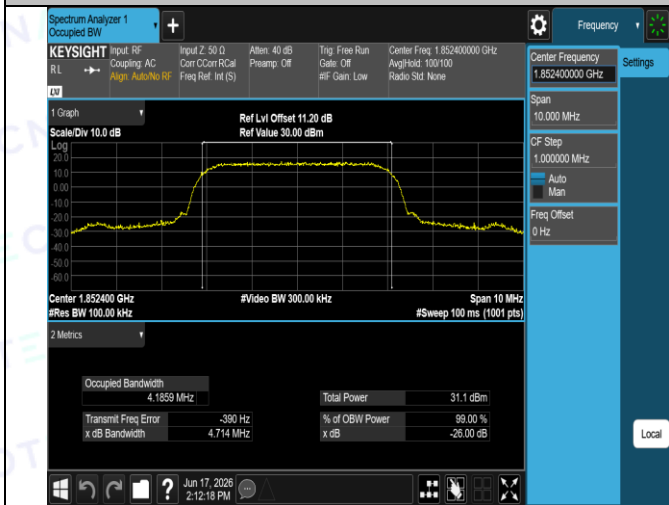


Band2-9538-4-PASS

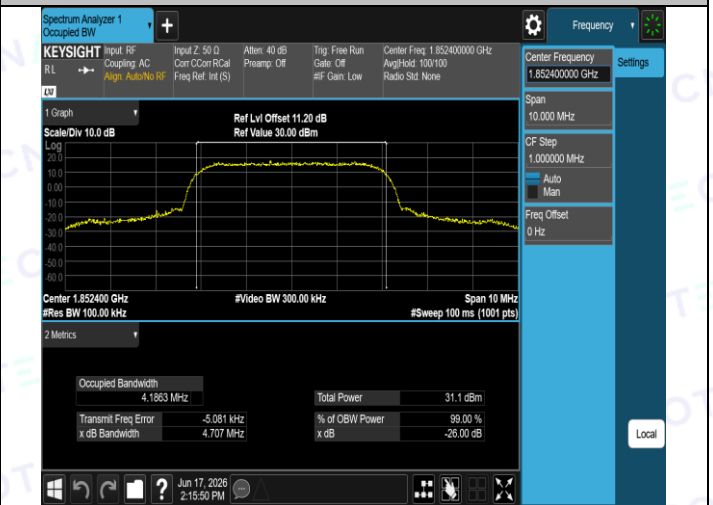


WCDMA_HSUPA

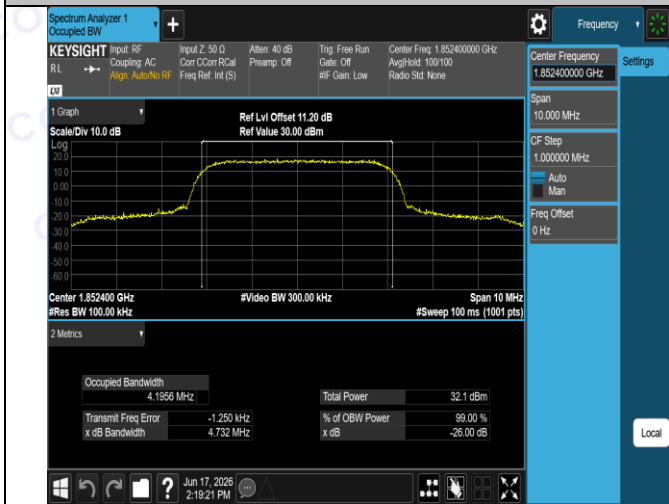
Band2-9262-1-PASS



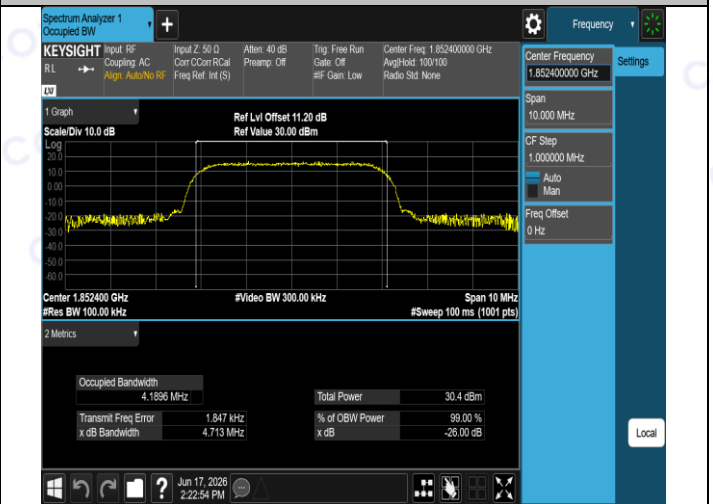
Band2-9262-2-PASS



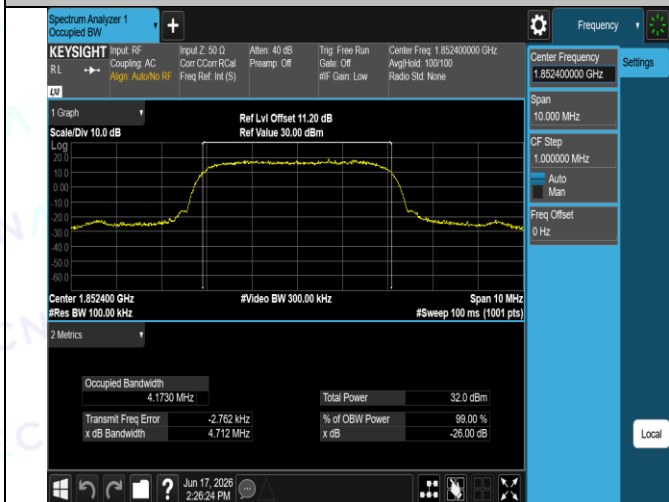
Band2-9262-3-PASS



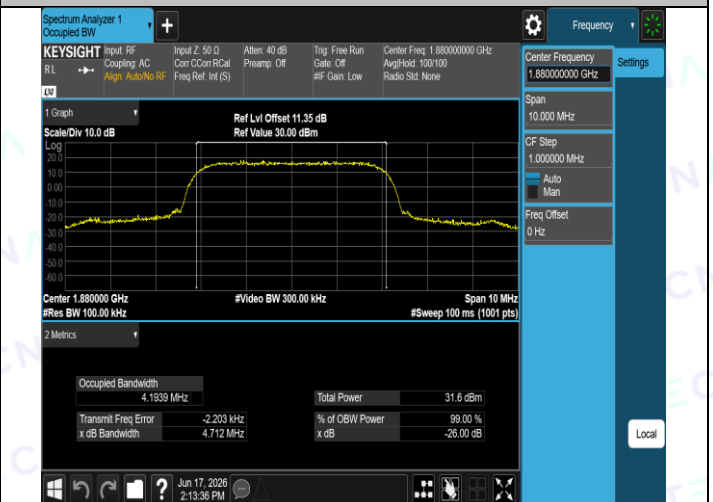
Band2-9262-4-PASS



Band2-9262-5-PASS



Band2-9400-1-PASS

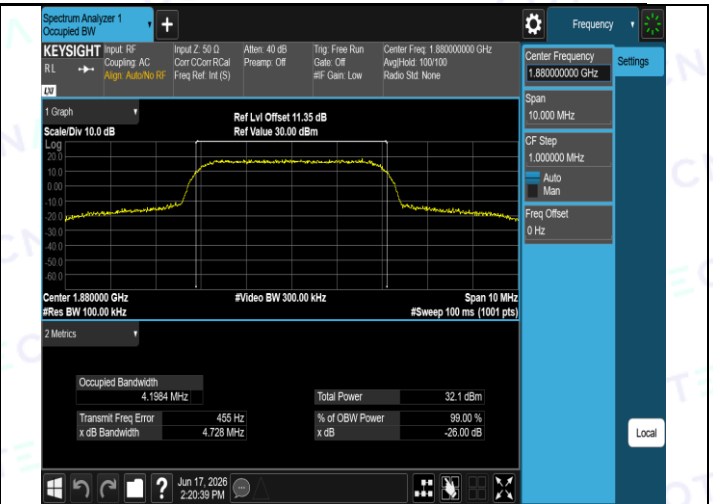


Band2-9400-2-PASS

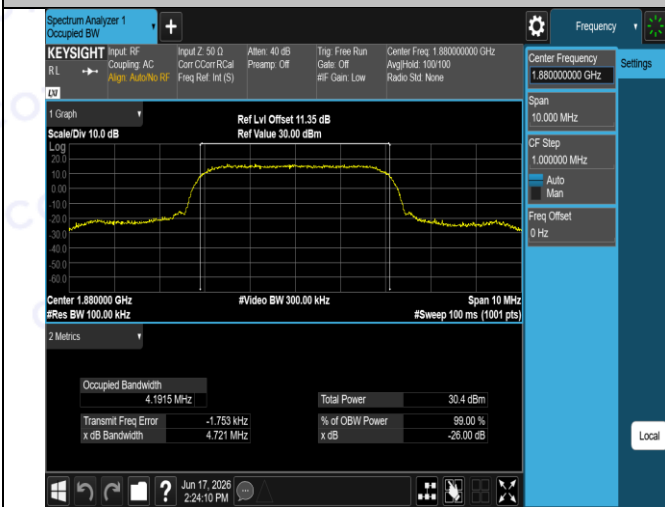
Band2-9400-3-PASS



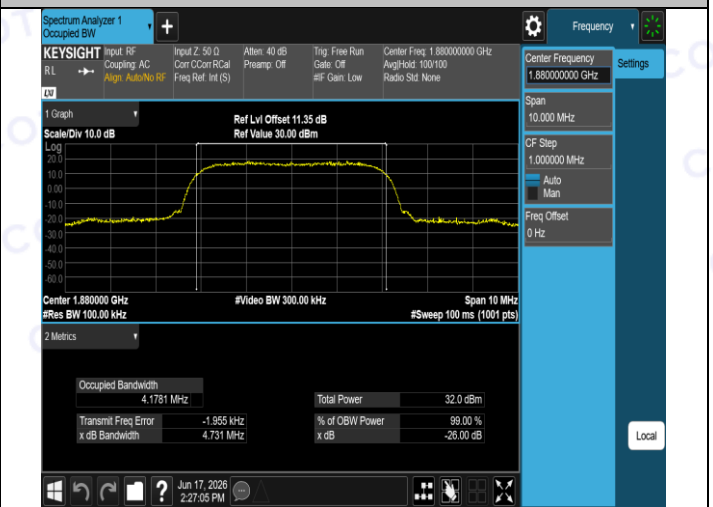
Band2-9400-4-PASS



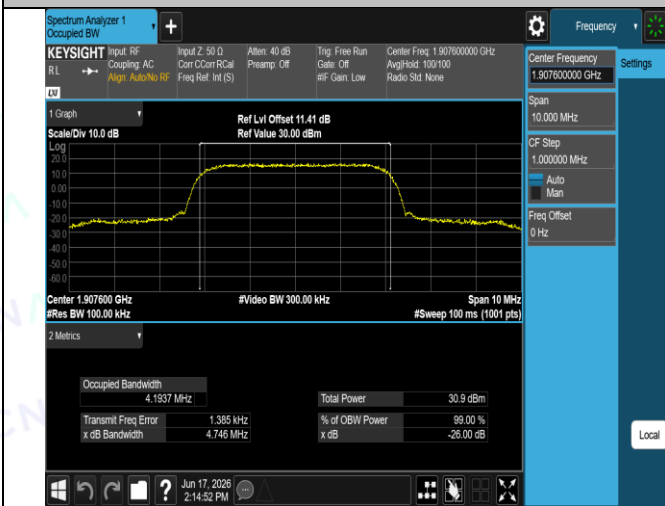
Band2-9400-5-PASS



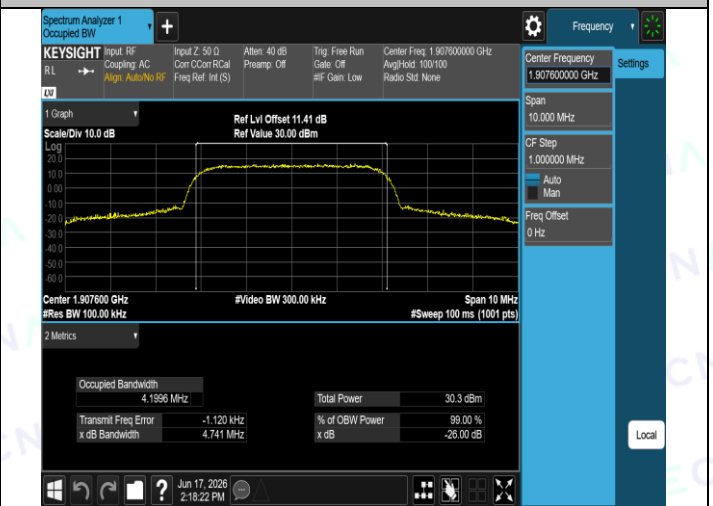
Band2-9538-1-PASS



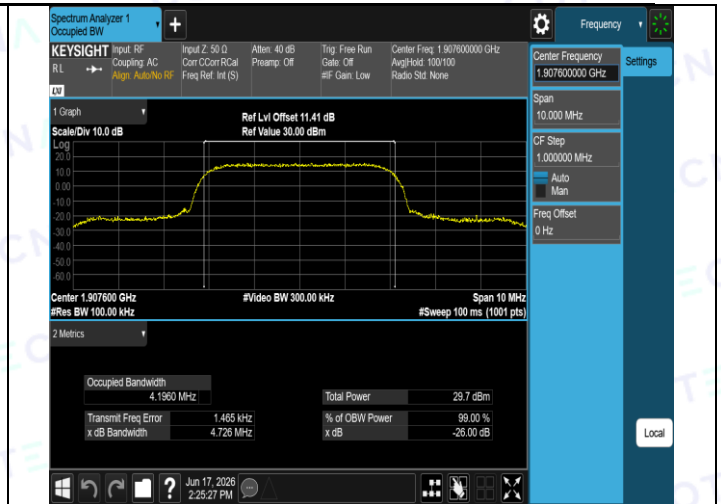
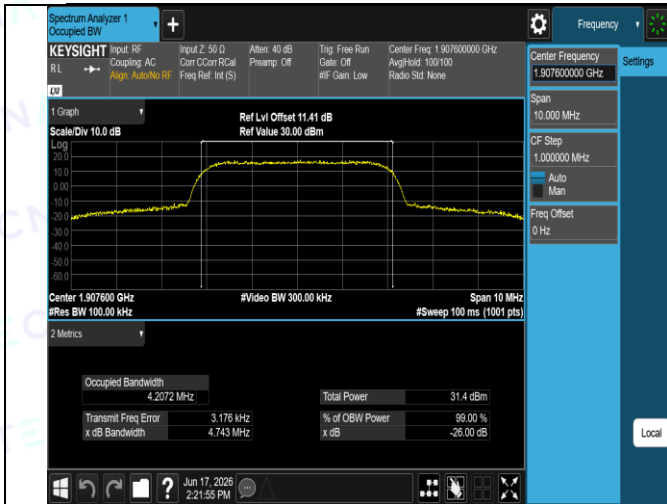
Band2-9538-2-PASS



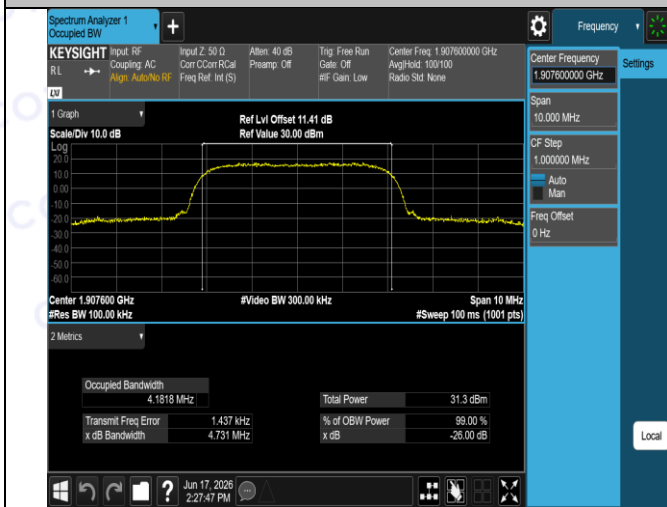
Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-PASS



4: Band Edge

Test Result

WCDMA					
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-27.42	-13	PASS
Band2	9538	1910.00	-27.66	-13	PASS

WCDMA_HSDPA						
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1850.00	-29.78	-13	PASS
Band2	9262	2	1849.86	-28.82	-13	PASS
Band2	9262	3	1849.85	-27.92	-13	PASS
Band2	9262	4	1849.85	-27.59	-13	PASS
Band2	9538	1	1910.00	-30.64	-13	PASS
Band2	9538	2	1910.11	-29.11	-13	PASS
Band2	9538	3	1910.12	-28.17	-13	PASS
Band2	9538	4	1910.12	-27.86	-13	PASS

WCDMA_HSUPA						
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.88	-32.04	-13	PASS
Band2	9262	2	1849.88	-29.82	-13	PASS
Band2	9262	3	1849.88	-29.88	-13	PASS
Band2	9262	4	1849.88	-31.05	-13	PASS
Band2	9262	5	1849.89	-31.00	-13	PASS
Band2	9538	1	1910.12	-32.26	-13	PASS
Band2	9538	2	1910.12	-29.98	-13	PASS
Band2	9538	3	1910.11	-29.70	-13	PASS
Band2	9538	4	1910.10	-31.55	-13	PASS
Band2	9538	5	1910.12	-31.16	-13	PASS

Test Graphs

WCDMA

Band2-9262-PASS

Band2-9538-PASS



WCDMA_HSDPA

Band2-9262-1-PASS



Band2-9262-2-PASS



Band2-9262-3-PASS



Band2-9262-4-PASS



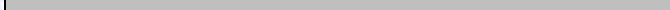
Band2-9538-1-PASS



Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS

