

WCDMA II Mid Channel			1880.0000	MHz
Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
FREQUENCY ERROR vs. VOLTAGE				
4.37	20	1880.000019	0.0101	+/- 2.5 ppm
3.8	20	1880.000015	0.0078	
3.23	20	1880.000012	0.0065	
2.3 (End point)	20	1880.000019	0.0099	
FREQUENCY ERROR vs. Temp.				
3.8	50	1880.000012	0.0062	+/- 2.5 ppm
3.8	40	1880.000018	0.0096	
3.8	30	1880.000005	0.0028	
3.8	20	1880.000015	0.0081	
3.8	10	1880.000016	0.0083	
3.8	0	1879.999988	-0.0064	
3.8	-10	1879.999987	-0.0072	
3.8	-20	1879.999999	-0.0007	
3.8	-30	1880.000001	0.0007	

WCDMA IV Mid Channel			1732.6000	MHz
Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
FREQUENCY ERROR vs. VOLTAGE				
4.37	20	1732.599991	-0.0054	+/- 2.5 ppm
3.8	20	1732.599994	-0.0035	
3.23	20	1732.599994	-0.0035	
2.3 (End point)	20	1732.600002	0.0009	
FREQUENCY ERROR vs. Temp.				
3.8	50	1732.599998	-0.0009	+/- 2.5 ppm
3.8	40	1732.599992	-0.0049	
3.8	30	1732.599987	-0.0078	
3.8	20	1732.599995	-0.0031	
3.8	10	1732.599996	-0.0023	
3.8	0	1732.600011	0.0062	
3.8	-10	1732.600001	0.0008	
3.8	-20	1732.599992	-0.0049	
3.8	-30	1732.600002	0.0010	

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WCDMA V Mid Channel			836.6000	MHz
Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
FREQUENCY ERROR vs. VOLTAGE				
4.37	20	836.5999873	-0.0152	+/- 2.5 ppm
3.8	20	836.6000015	0.0018	
3.23	20	836.6000076	0.0091	
2.3 (End point)	20	836.6000057	0.0068	
FREQUENCY ERROR vs. Temp.				
3.8	50	836.6000119	0.0142	+/- 2.5 ppm
3.8	40	836.6000135	0.0161	
3.8	30	836.600001	0.0012	
3.8	20	836.5999891	-0.0130	
3.8	10	836.6000064	0.0077	
3.8	0	836.5999945	-0.0066	
3.8	-10	836.5999856	-0.0172	
3.8	-20	836.5999881	-0.0142	
3.8	-30	836.6000126	0.0151	

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7.7 Peak To Average Ratio

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)	
		GPRS 850	EDGE 850
824.2	128	9.05	11.24
836.6	190	9.27	12.29
848.8	251	9.43	12.07

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)	
		GPRS 1900	EDGE 1900
1850.2	512	9.24	12.63
1880	661	7.97	12.65
1909.8	810	9.21	11.94

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA II	HSDPA II	HSUPA II
1852.4	9262	2.49	3.33	3.62
1880	9400	2.81	4.26	3.72
1907.6	9538	2.78	3.43	4.03

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA IV	HSDPA IV	HSUPA IV
1712.4	1312	2.74	3.77	3.47
1732.6	1413	2.78	3.52	3.90
1752.6	1513	3.12	3.97	3.71

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA V	HSDPA V	HSUPA V
826.4	4132	2.95	3.34	3.73
836.6	4183	2.92	3.38	3.35
846.6	4233	2.92	4.47	4.07

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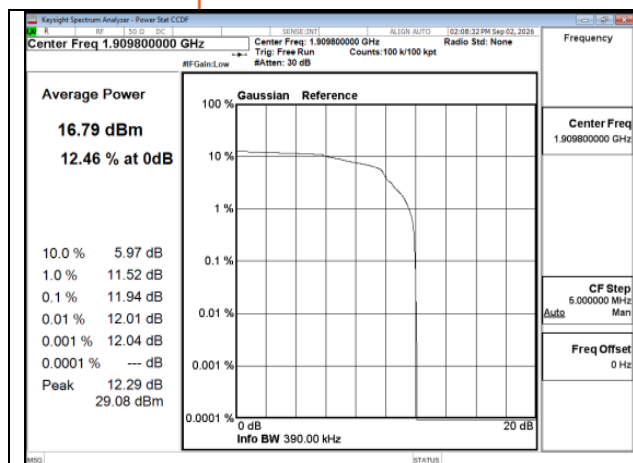
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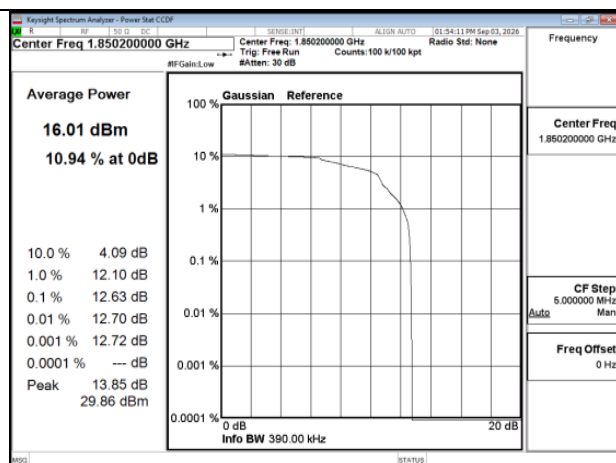
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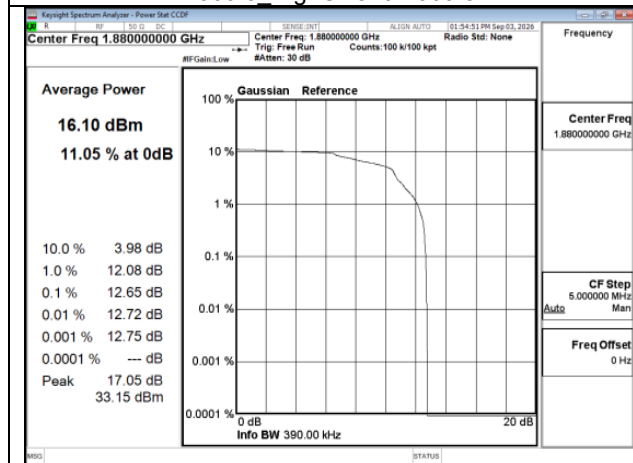
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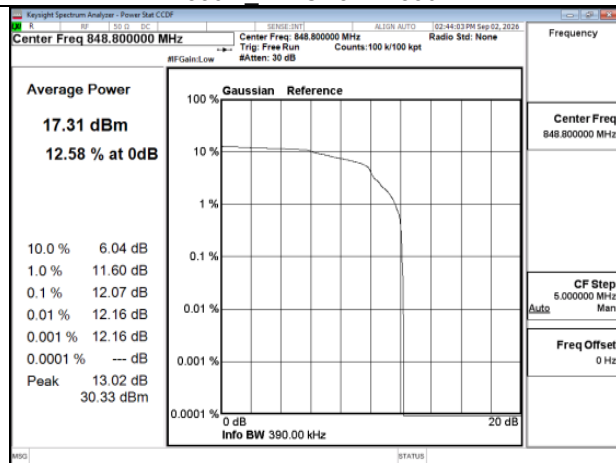
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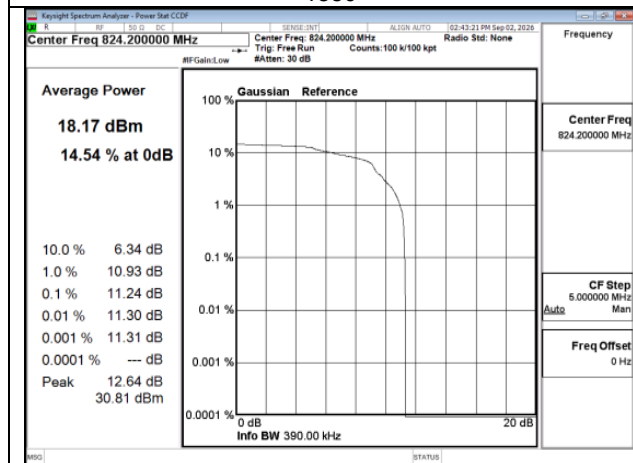
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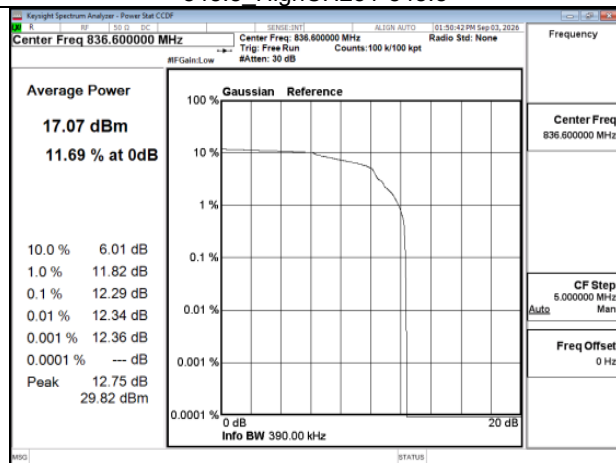
EDGE_EDGE_1900MHz_Mid CH661-1880_MidCH661-1880



EDGE_EDGE_850MHz_High CH251-848.8 HighCH251-848.8



EDGE_EDGE_850MHz_Low CH128-824.2_LowCH128-824.2

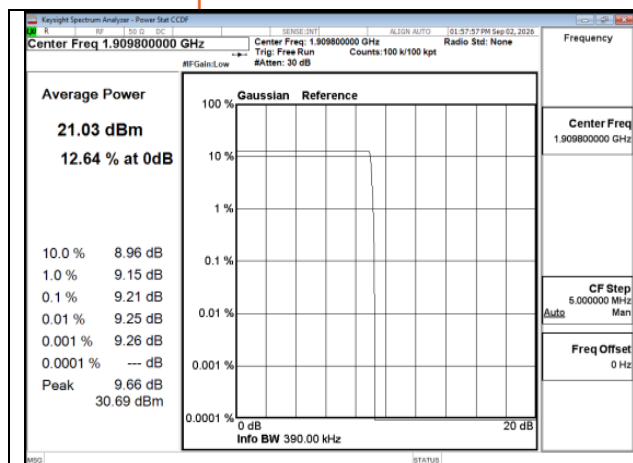


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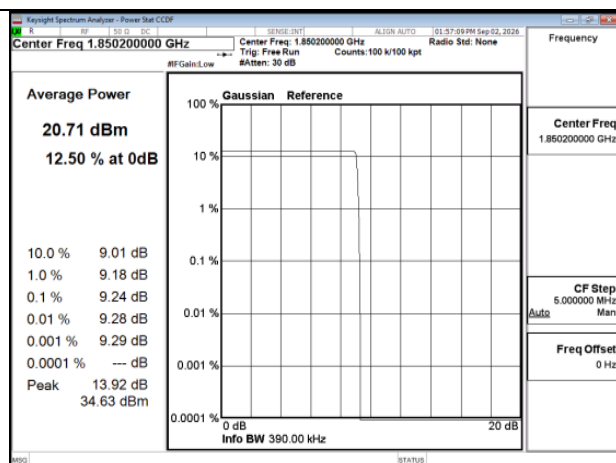
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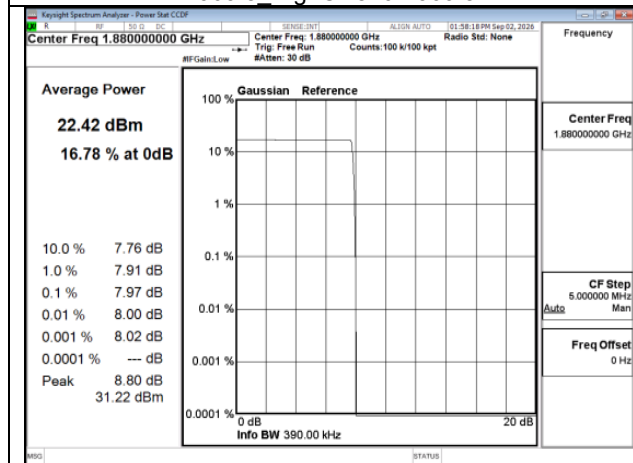
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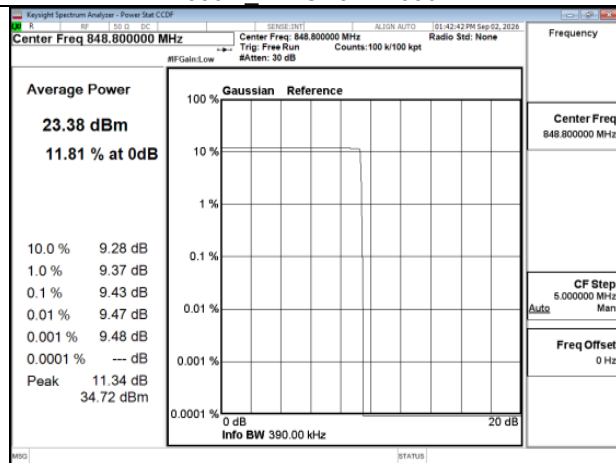
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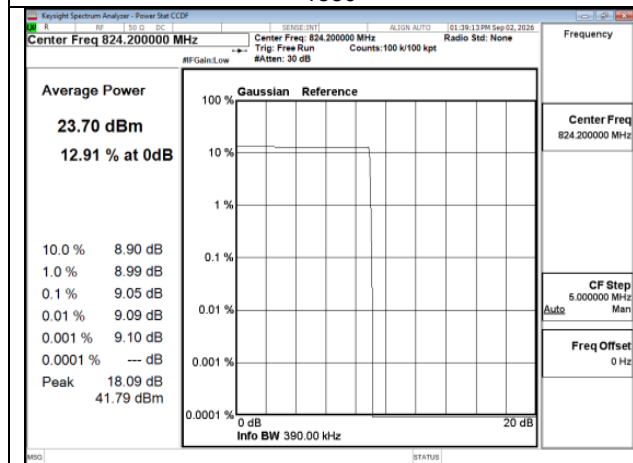
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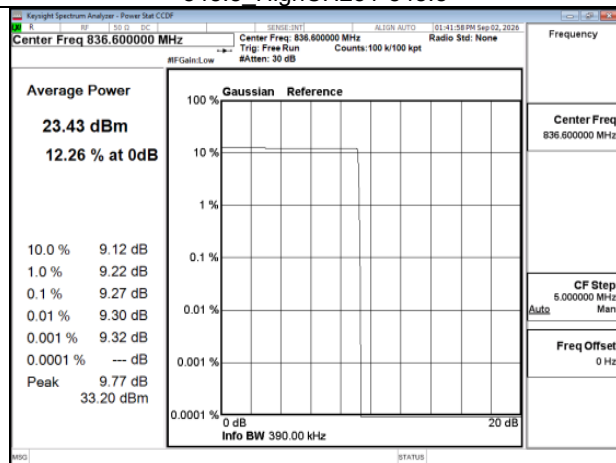
GPRS_GPRS_1900MHz_Mid CH661-1880_MidCH661-1880



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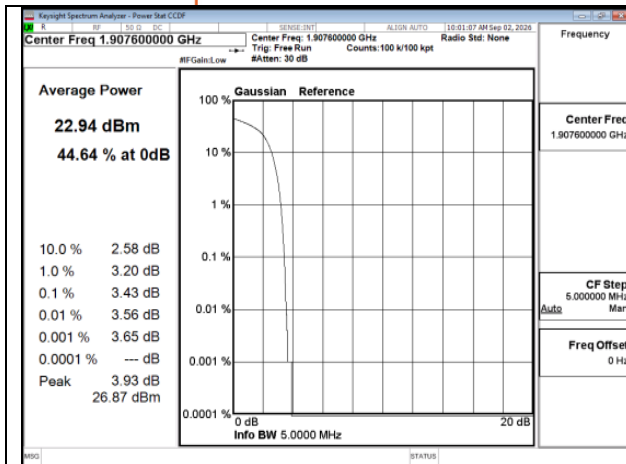


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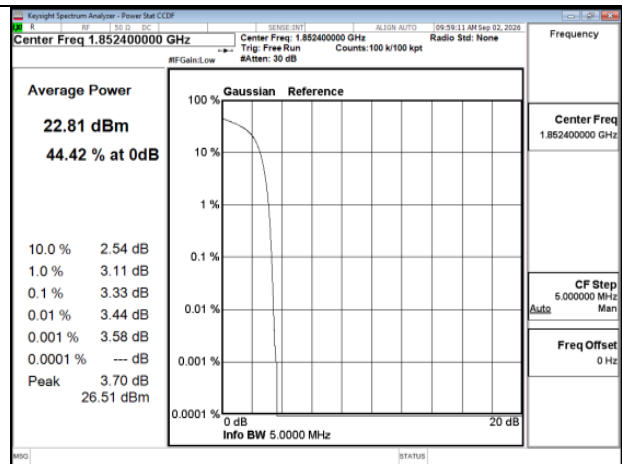
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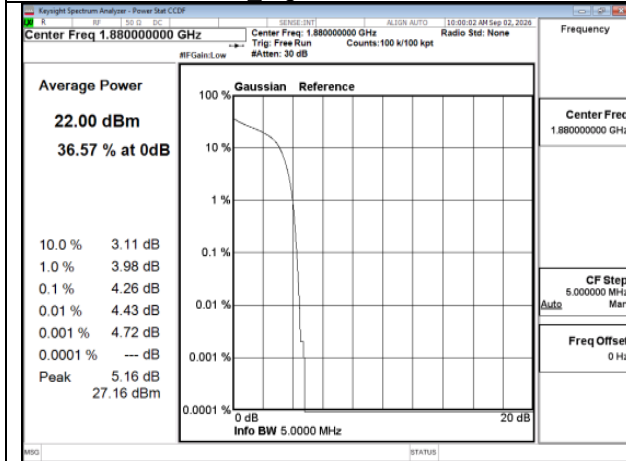
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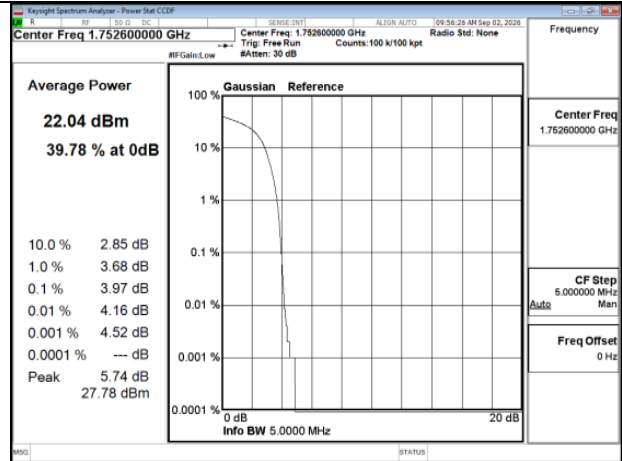
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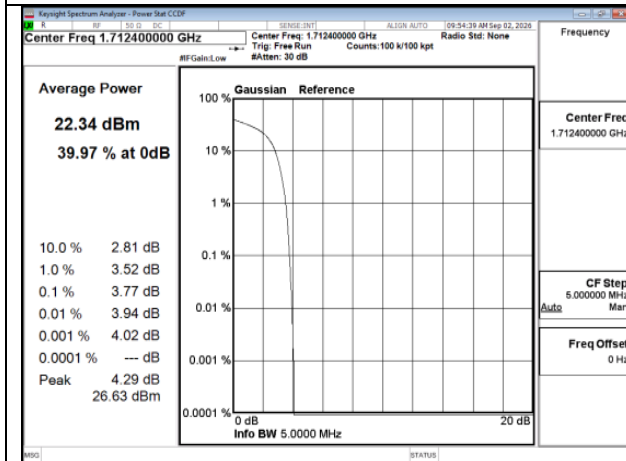
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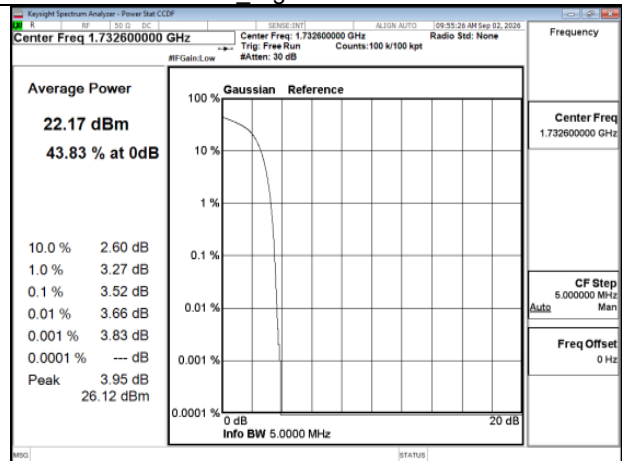
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HSDPA_HSDPA_B4_High CH1513-1752.6_HighCH1513-1752.6



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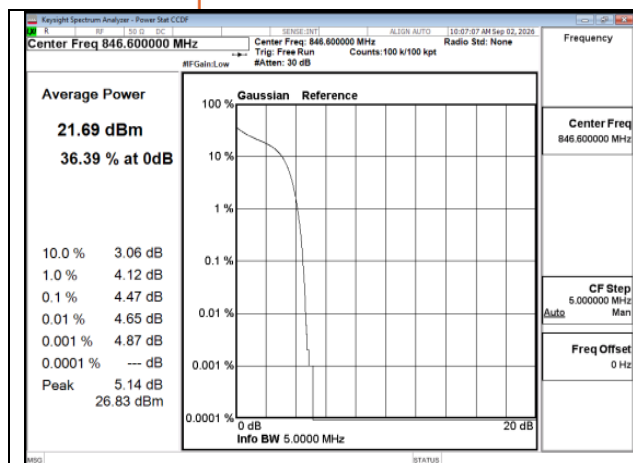


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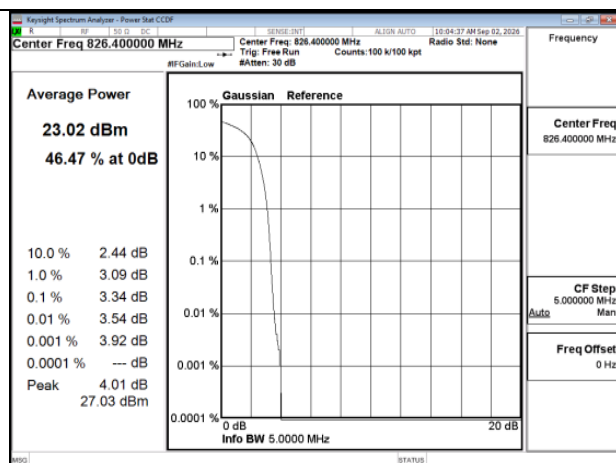
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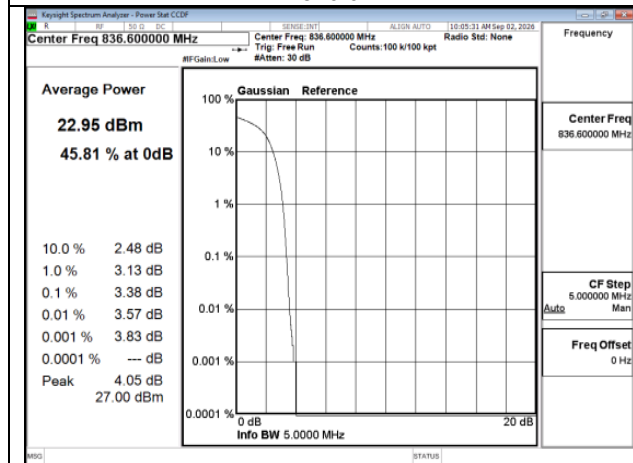
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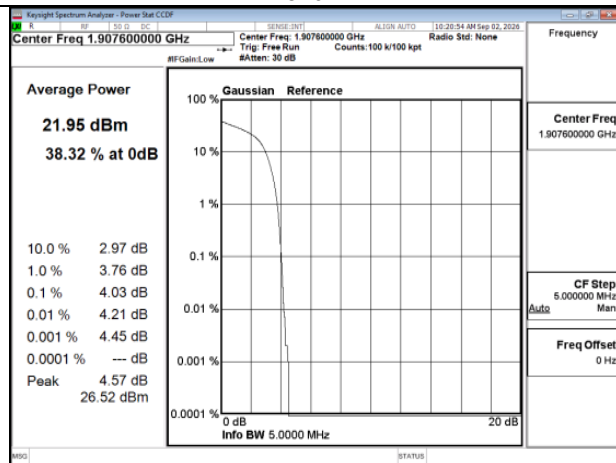
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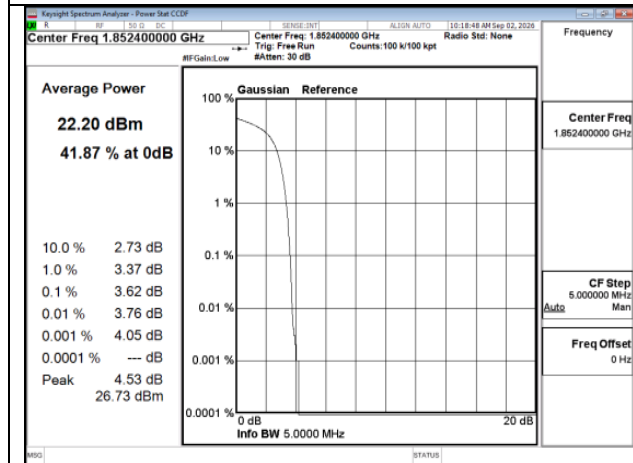
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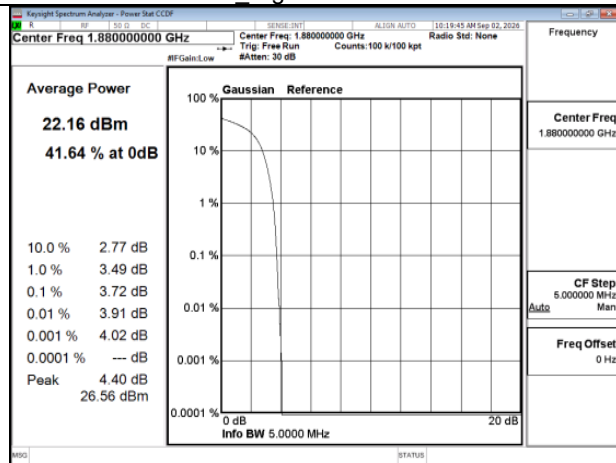
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HSUPA_HSUPA_B2_High CH9538-1907.6_HighCH9538-1907.6



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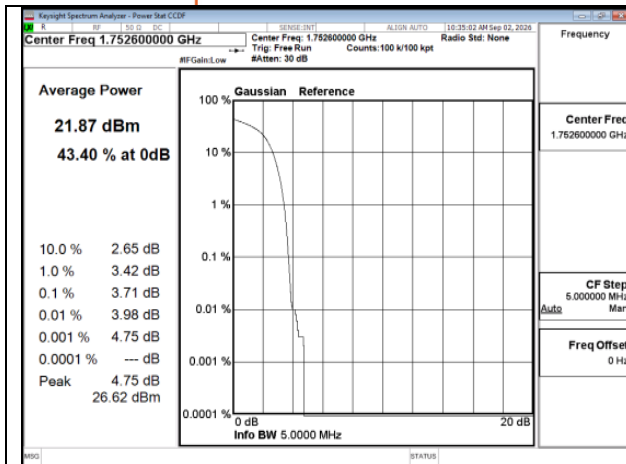


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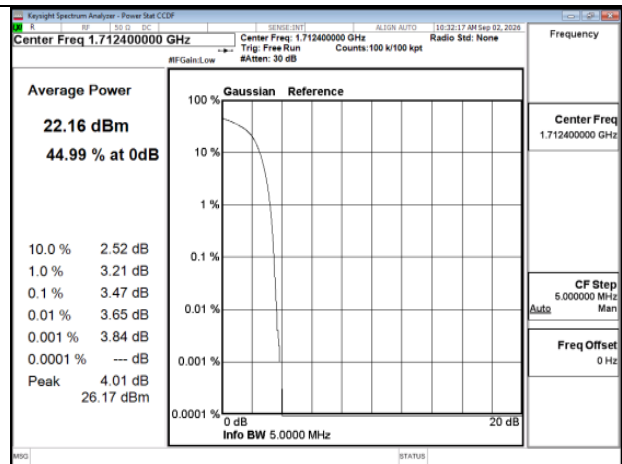
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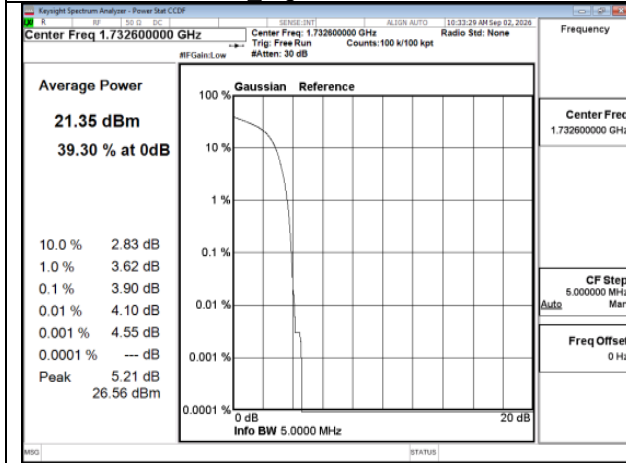
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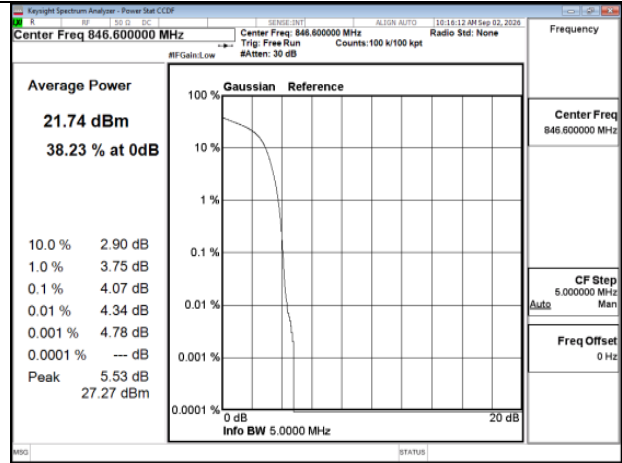
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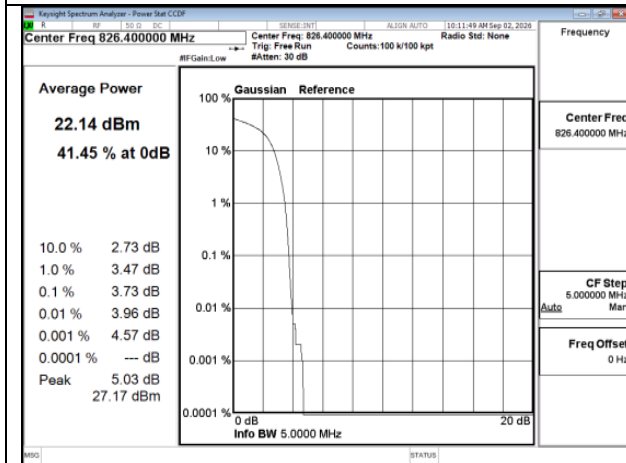
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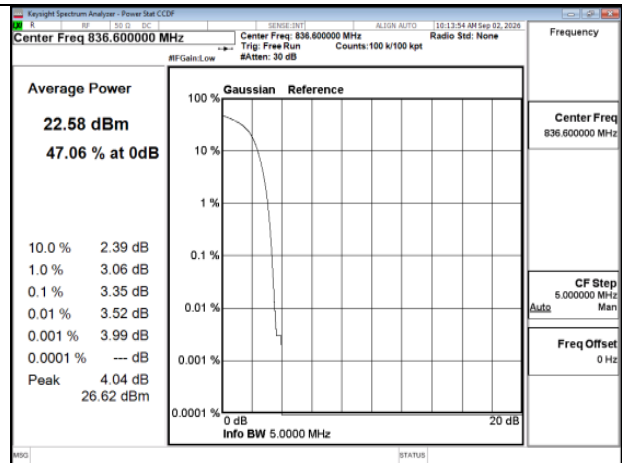
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HSPA_B5_Low CH4132-826.4_LowCH4132-826.4

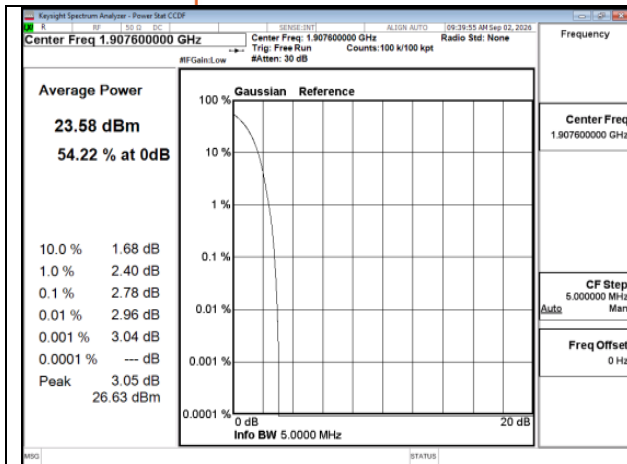


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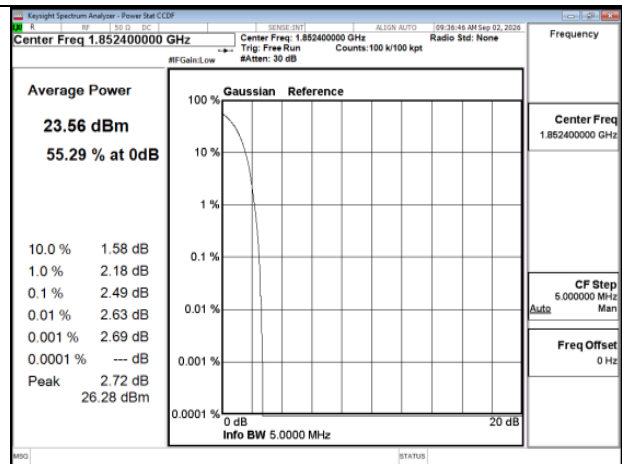
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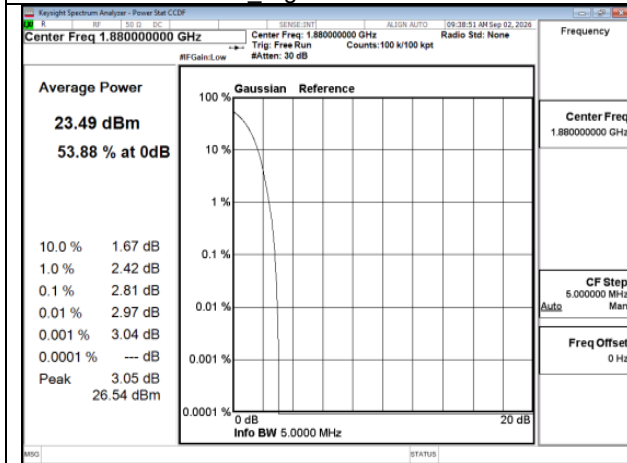
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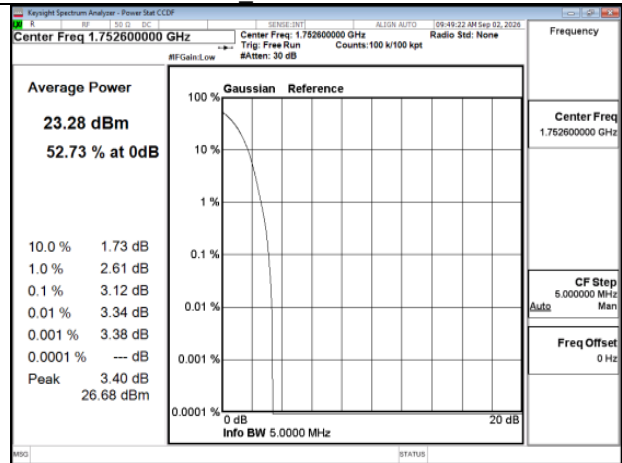
WCDMA_WCDMA_B2_High CH9538-1907.6 HighCH9538-1907.6



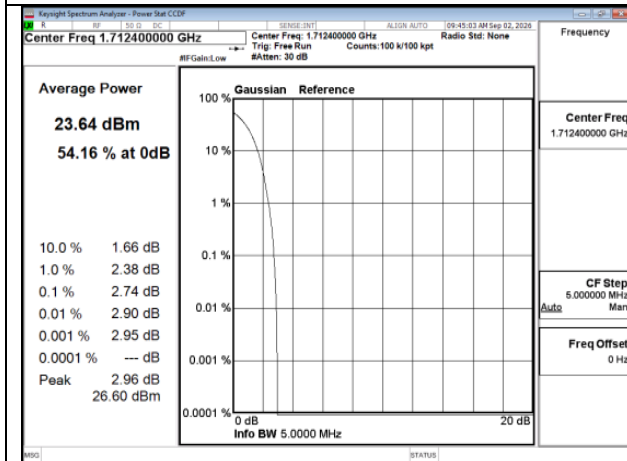
WCDMA_WCDMA_B2_Low CH9262-1852.4 LowCH9262-1852.4



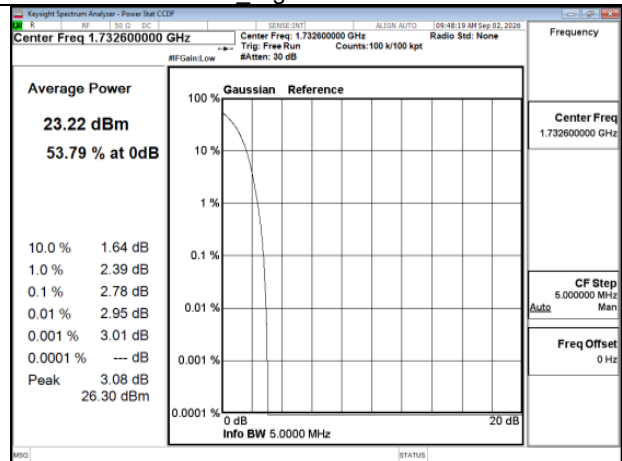
WCDMA_WCDMA_B2_Mid CH9400-1880_MidCH9400-1880



WCDMA_WCDMA_B4_High CH1513-1752.6 HighCH1513-1752.6



WCDMA_WCDMA_B4_Low CH1312-1712.4 LowCH1312-1712.4

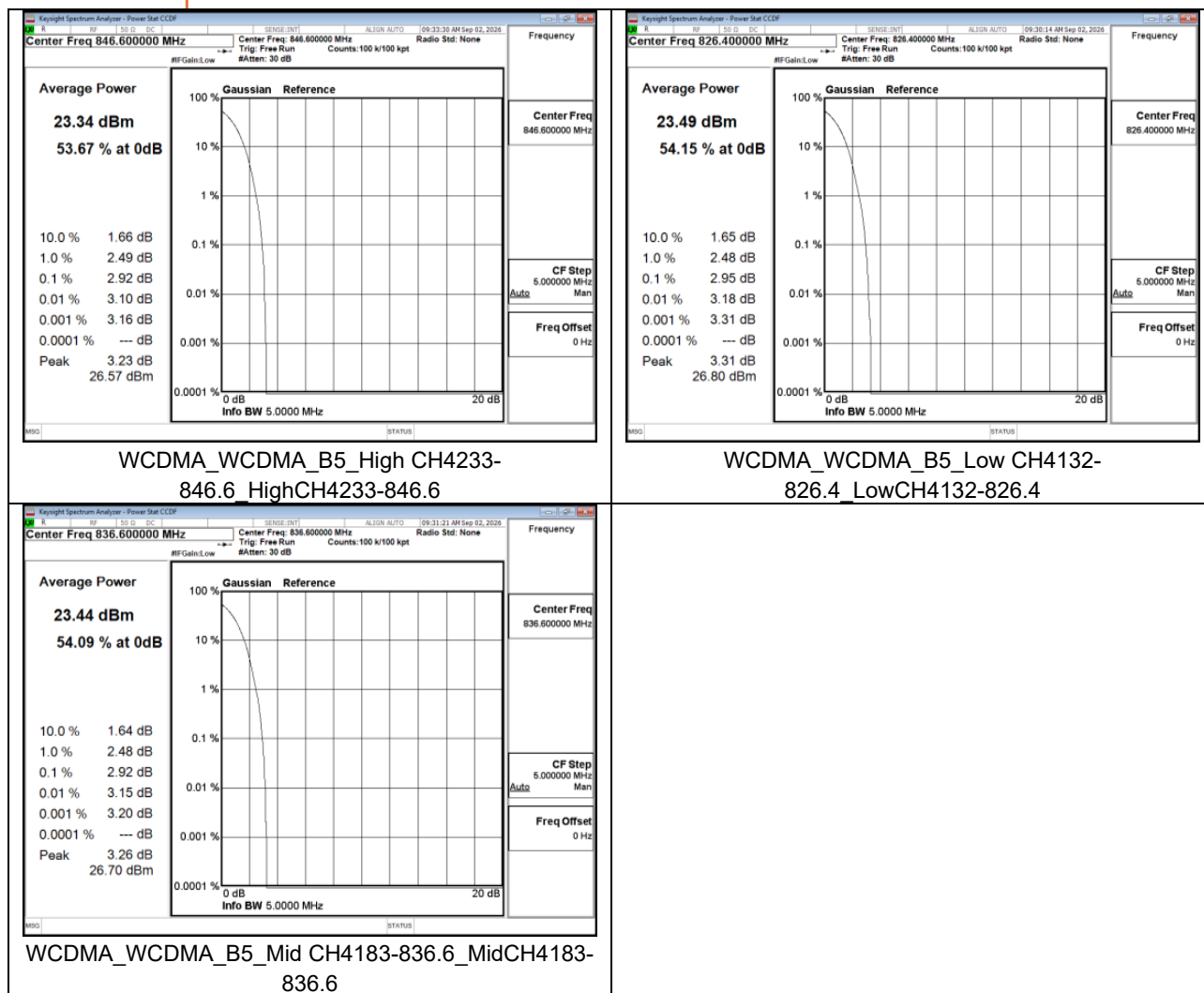


WCDMA_WCDMA_B4_Mid CH1413-1732.6 MidCH1413-1732.6

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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End of Report

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