01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSDPA Band2 Subtest1	9262	1852.4	22.90	PASS
HSDPA Band2 Subtest2	9262	1852.4	22.38	PASS
HSDPA Band2 Subtest3	9262	1852.4	22.25	PASS
HSDPA Band2 Subtest4	9262	1852.4	22.08	PASS
HSDPA Band2 Subtest1	9400	1880	22.58	PASS
HSDPA Band2 Subtest2	9400	1880	22.29	PASS
HSDPA Band2 Subtest3	9400	1880	22.04	PASS
HSDPA Band2 Subtest4	9400	1880	21.86	PASS
HSDPA Band2 Subtest1	9538	1907.6	21.87	PASS
HSDPA Band2 Subtest2	9538	1907.6	21.57	PASS
HSDPA Band2 Subtest3	9538	1907.6	21.31	PASS
HSDPA Band2 Subtest4	9538	1907.6	21.33	PASS
HSUPA Band2 Subtest1	9262	1852.4	22.73	PASS
HSUPA Band2 Subtest2	9262	1852.4	22.67	PASS
HSUPA Band2 Subtest3	9262	1852.4	22.56	PASS
HSUPA Band2 Subtest4	9262	1852.4	22.55	PASS
HSUPA Band2 Subtest5	9262	1852.4	22.64	PASS
HSUPA Band2 Subtest1	9400	1880	22.24	PASS
HSUPA Band2 Subtest2	9400	1880	22.51	PASS
HSUPA Band2 Subtest3	9400	1880	22.20	PASS
HSUPA Band2 Subtest4	9400	1880	22.24	PASS
HSUPA Band2 Subtest5	9400	1880	22.19	PASS
HSUPA Band2 Subtest1	9538	1907.6	21.57	PASS
HSUPA Band2 Subtest2	9538	1907.6	21.82	PASS
HSUPA Band2 Subtest3	9538	1907.6	21.21	PASS
HSUPA Band2 Subtest4	9538	1907.6	21.77	PASS
HSUPA Band2 Subtest5	9538	1907.6	21.59	PASS
WCDMA Band2	9262	1852.4	22.98	PASS
WCDMA Band2	9400	1880	22.55	PASS
WCDMA Band2	9538	1907.6	22.23	PASS
HSDPA Band4 Subtest1	1312	1712.4	22.57	PASS
HSDPA Band4 Subtest2	1312	1712.4	22.32	PASS
HSDPA Band4 Subtest3	1312	1712.4	21.98	PASS
HSDPA Band4 Subtest4	1312	1712.4	21.74	PASS
HSDPA Band4 Subtest1	1413	1732.6	22.78	PASS
HSDPA Band4 Subtest2	1413	1732.6	22.55	PASS
HSDPA Band4 Subtest3	1413	1732.6	22.26	PASS
HSDPA Band4 Subtest4	1413	1732.6	22.21	PASS
HSDPA Band4 Subtest1	1513	1752.6	22.76	PASS
HSDPA Band4 Subtest2	1513	1752.6	22.41	PASS
HSDPA Band4 Subtest3	1513	1752.6	22.19	PASS

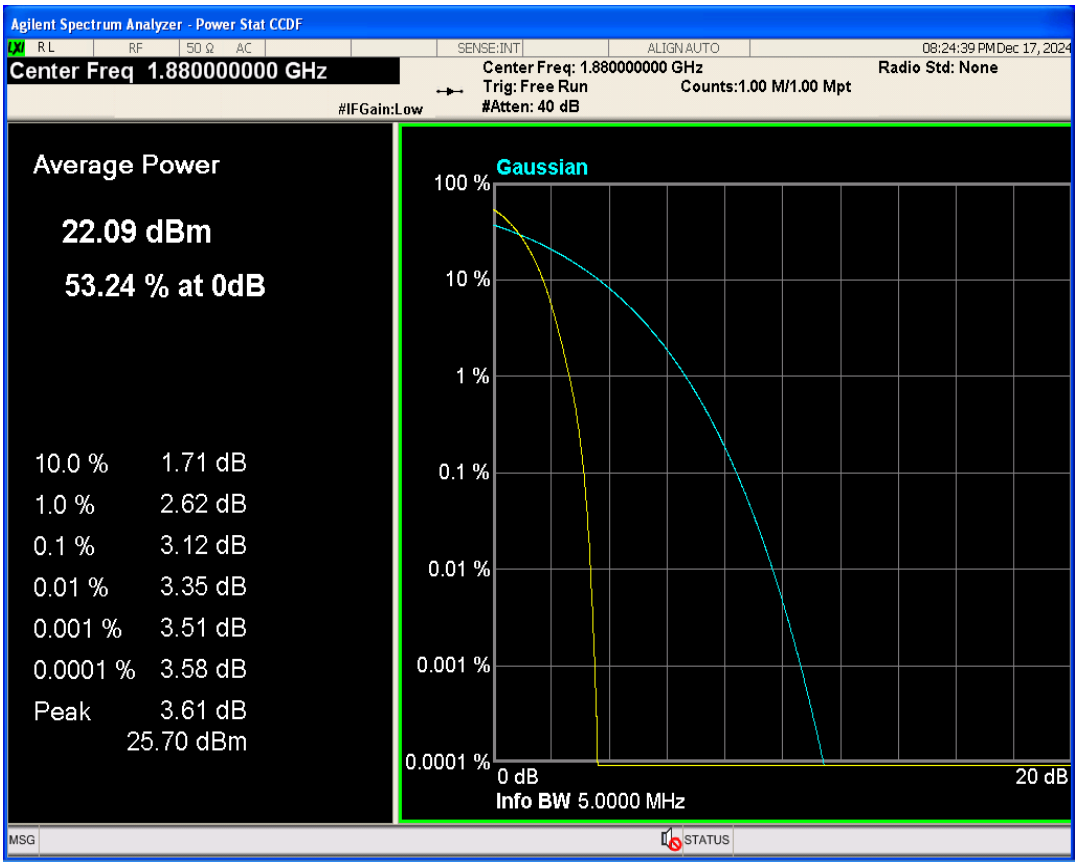
HSDPA Band4 Subtest4	1513	1752.6	21.66	PASS
HSUPA Band4 Subtest1	1312	1712.4	22.43	PASS
HSUPA Band4 Subtest2	1312	1712.4	22.49	PASS
HSUPA Band4 Subtest3	1312	1712.4	22.26	PASS
HSUPA Band4 Subtest4	1312	1712.4	22.49	PASS
HSUPA Band4 Subtest5	1312	1712.4	22.24	PASS
HSUPA Band4 Subtest1	1413	1732.6	22.60	PASS
HSUPA Band4 Subtest2	1413	1732.6	22.73	PASS
HSUPA Band4 Subtest3	1413	1732.6	22.45	PASS
HSUPA Band4 Subtest4	1413	1732.6	22.44	PASS
HSUPA Band4 Subtest5	1413	1732.6	22.70	PASS
HSUPA Band4 Subtest1	1513	1752.6	22.63	PASS
HSUPA Band4 Subtest2	1513	1752.6	22.80	PASS
HSUPA Band4 Subtest3	1513	1752.6	22.36	PASS
HSUPA Band4 Subtest4	1513	1752.6	22.79	PASS
HSUPA Band4 Subtest5	1513	1752.6	22.42	PASS
WCDMA Band4	1312	1712.4	23.17	PASS
WCDMA Band4	1413	1732.6	23.44	PASS
WCDMA Band4	1513	1752.6	23.53	PASS
HSDPA Band5 Subtest1	4132	826.4	23.13	PASS
HSDPA Band5 Subtest2	4132	826.4	22.80	PASS
HSDPA Band5 Subtest3	4132	826.4	22.51	PASS
HSDPA Band5 Subtest4	4132	826.4	22.28	PASS
HSDPA Band5 Subtest1	4182	836.4	23.00	PASS
HSDPA Band5 Subtest2	4182	836.4	22.76	PASS
HSDPA Band5 Subtest3	4182	836.4	22.51	PASS
HSDPA Band5 Subtest4	4182	836.4	22.09	PASS
HSDPA Band5 Subtest1	4233	846.6	22.53	PASS
HSDPA Band5 Subtest2	4233	846.6	22.29	PASS
HSDPA Band5 Subtest3	4233	846.6	22.10	PASS
HSDPA Band5 Subtest4	4233	846.6	21.90	PASS
HSUPA Band5 Subtest1	4132	826.4	22.83	PASS
HSUPA Band5 Subtest2	4132	826.4	23.07	PASS
HSUPA Band5 Subtest3	4132	826.4	22.60	PASS
HSUPA Band5 Subtest4	4132	826.4	23.05	PASS
HSUPA Band5 Subtest5	4132	826.4	22.65	PASS
HSUPA Band5 Subtest1	4182	836.4	22.88	PASS
HSUPA Band5 Subtest2	4182	836.4	22.99	PASS
HSUPA Band5 Subtest3	4182	836.4	22.89	PASS
HSUPA Band5 Subtest4	4182	836.4	22.99	PASS
HSUPA Band5 Subtest5	4182	836.4	22.84	PASS
HSUPA Band5 Subtest1	4233	846.6	22.52	PASS
HSUPA Band5 Subtest2	4233	846.6	22.56	PASS
HSUPA Band5 Subtest3	4233	846.6	22.27	PASS

HSUPA Band5 Subtest4	4233	846.6	22.57	PASS
HSUPA Band5 Subtest5	4233	846.6	22.25	PASS
WCDMA Band5	4132	826.4	23.18	PASS
WCDMA Band5	4182	836.4	23.35	PASS
WCDMA Band5	4233	846.6	23.18	PASS

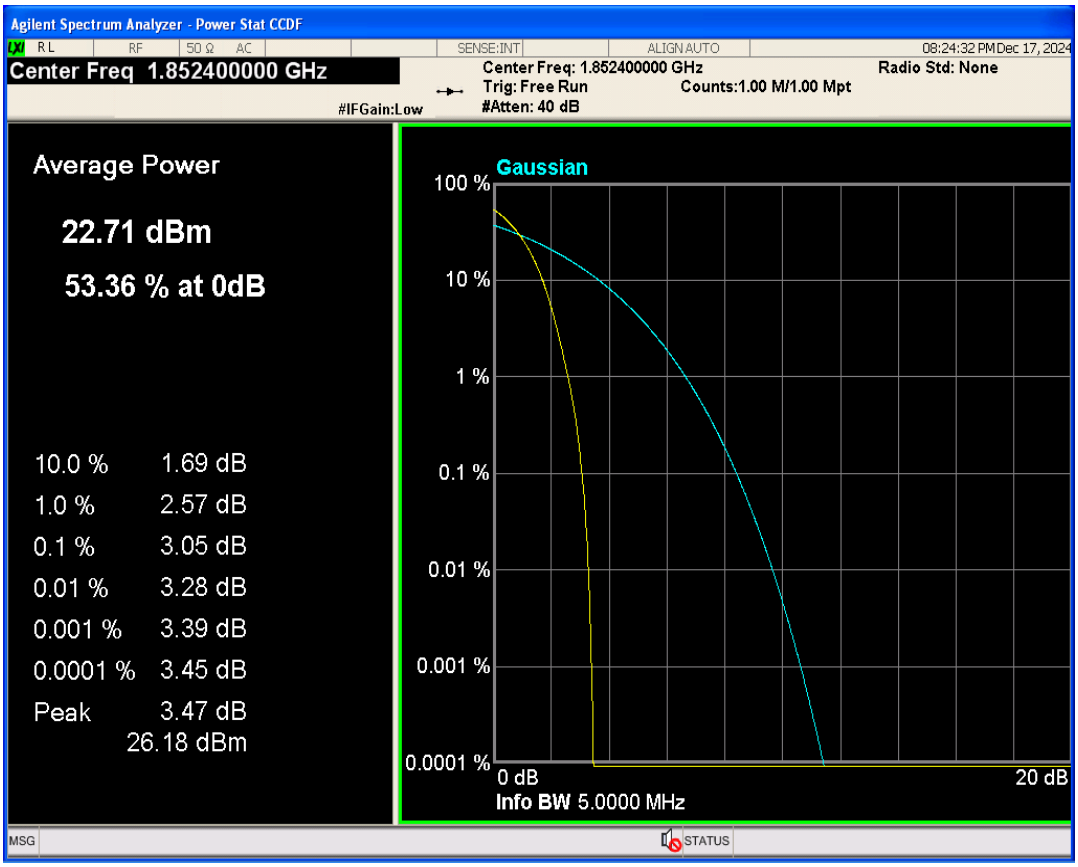
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	3.05	13	PASS
WCDMA Band2	9400	1880	3.12	13	PASS
WCDMA Band2	9538	1907.6	3.10	13	PASS
WCDMA Band4	1312	1712.4	2.94	13	PASS
WCDMA Band4	1413	1732.6	3.15	13	PASS
WCDMA Band4	1513	1752.6	2.13	13	PASS
WCDMA Band5	4132	826.4	3.05	13	PASS
WCDMA Band5	4182	836.4	3.04	13	PASS
WCDMA Band5	4233	846.6	3.04	13	PASS

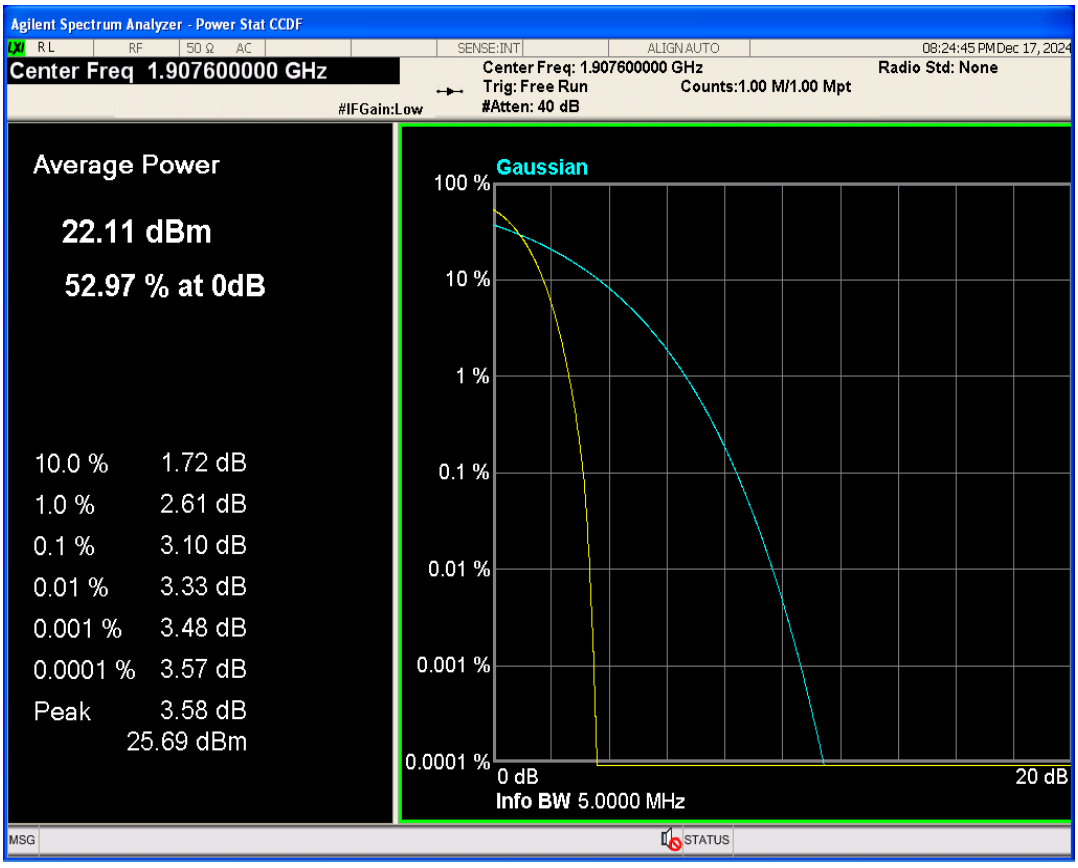
WCDMA Band2 Channel=9400



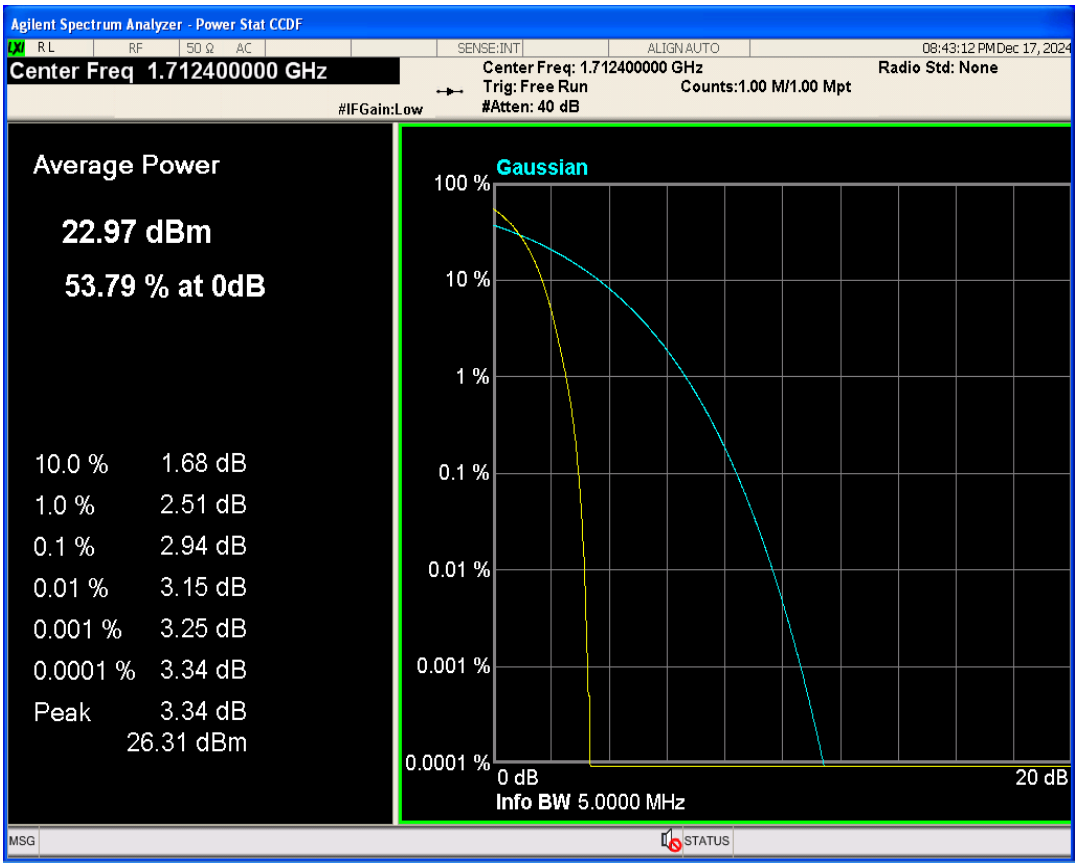
WCDMA Band2 Channel=9262



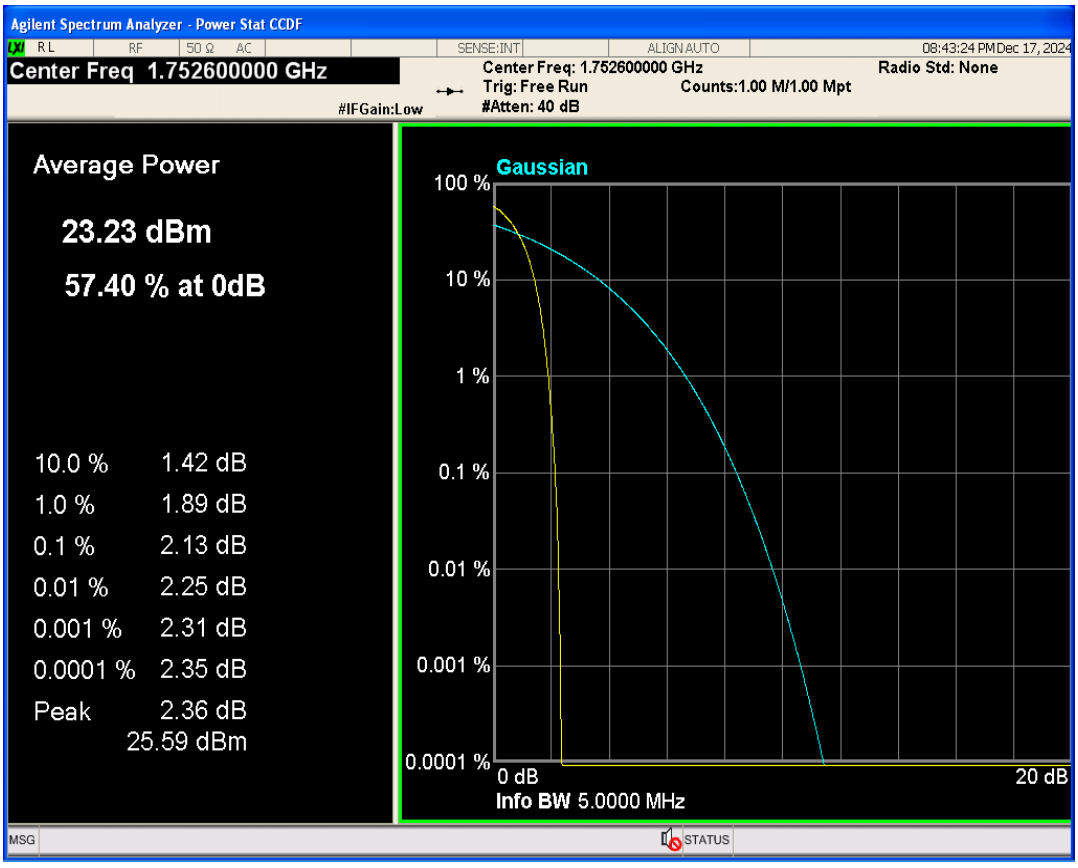
WCDMA Band2 Channel=9538



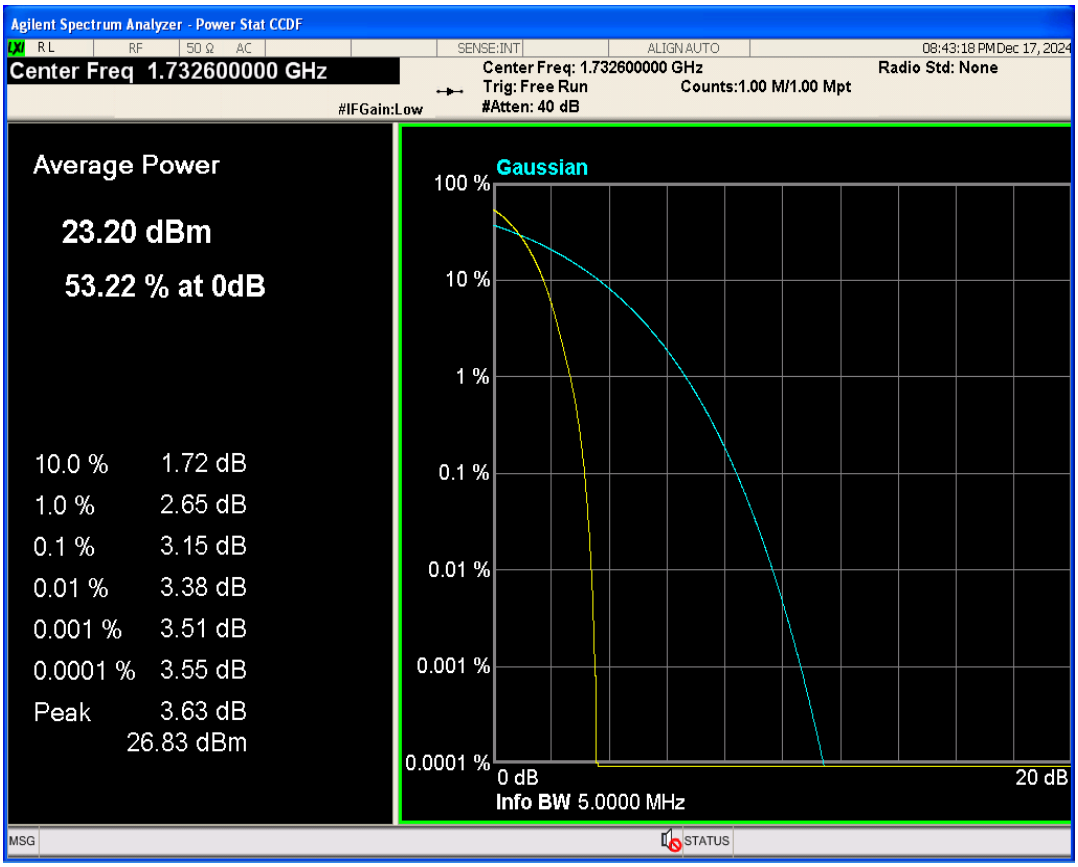
WCDMA Band4 Channel=1312



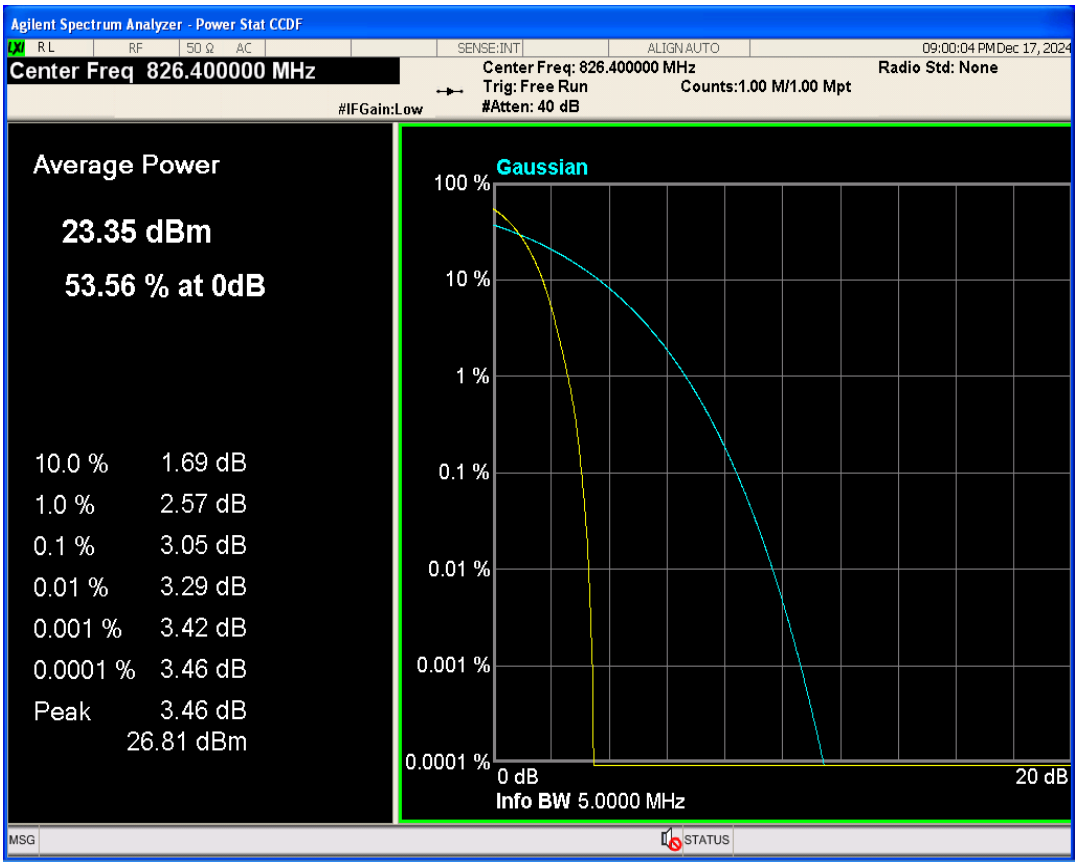
WCDMA Band4 Channel=1513



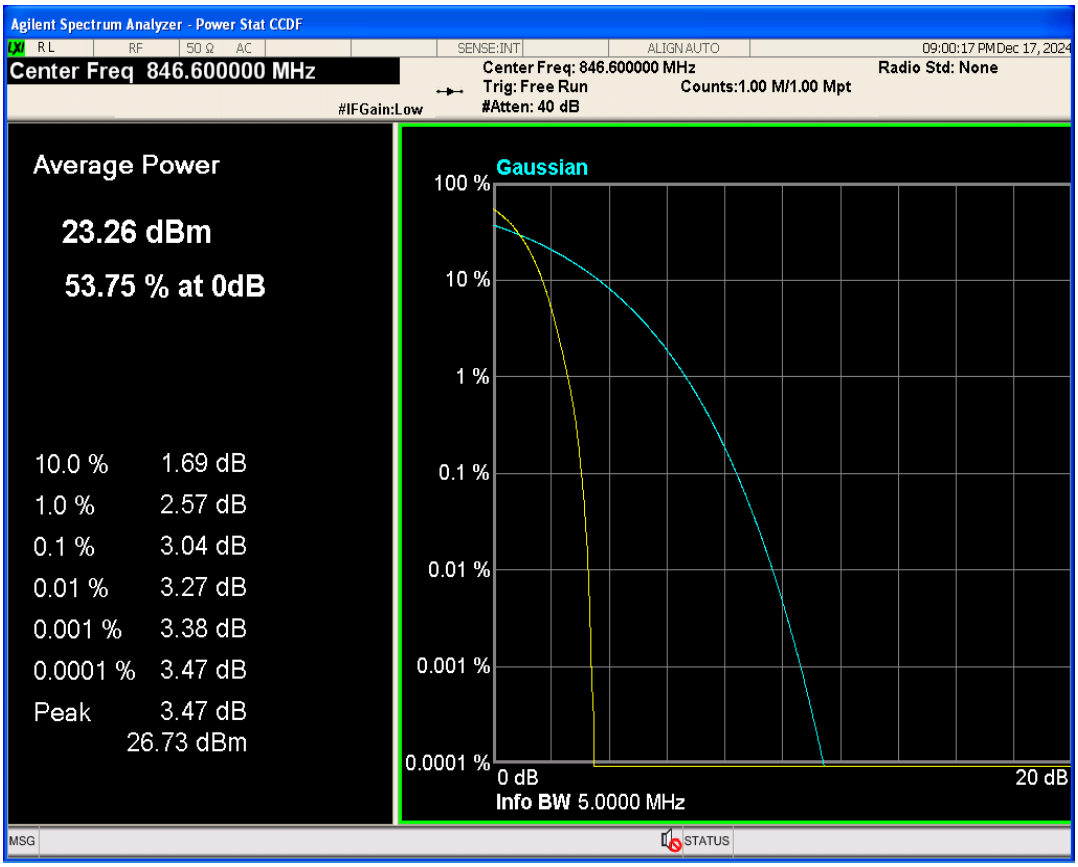
WCDMA Band4 Channel=1413



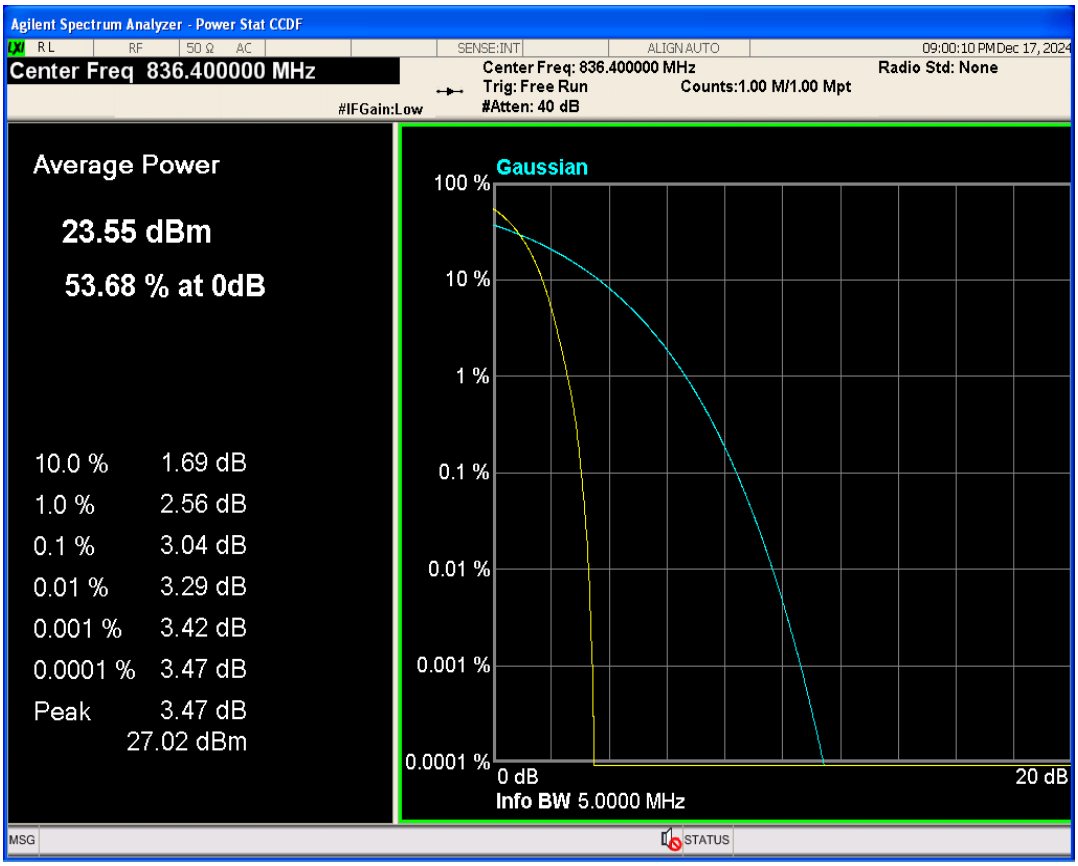
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



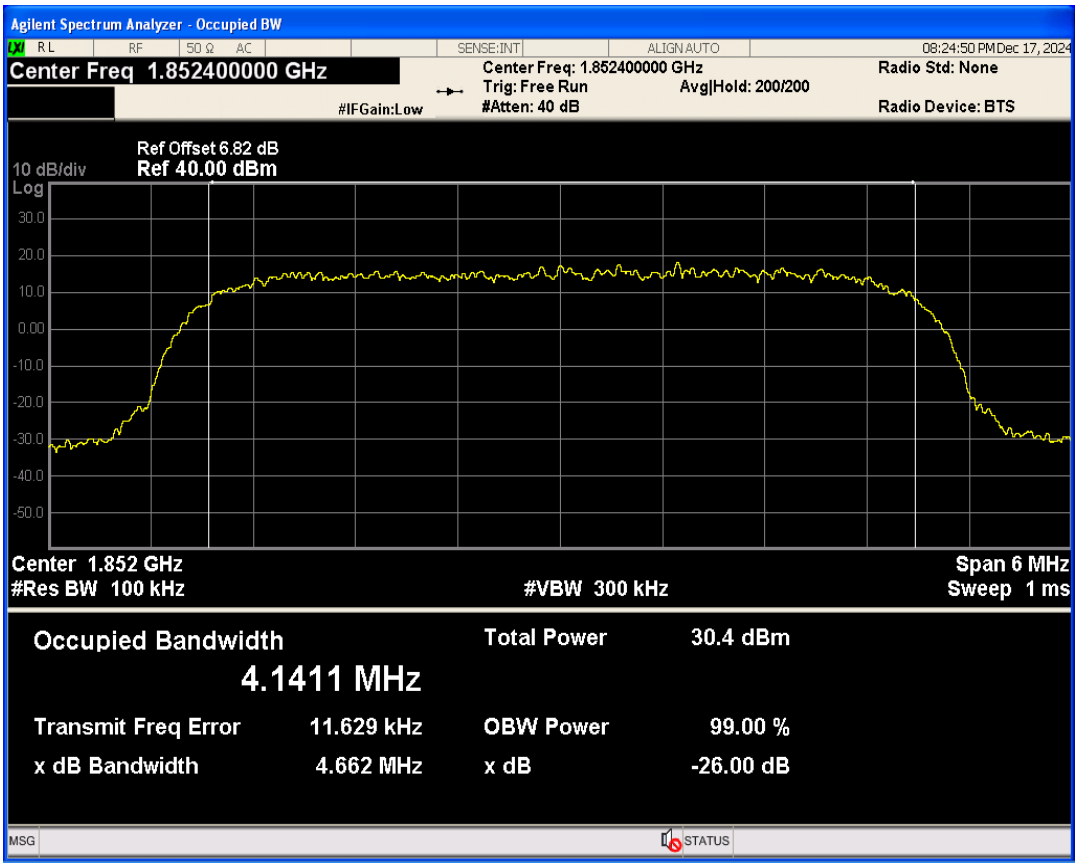
WCDMA Band5 Channel=4182



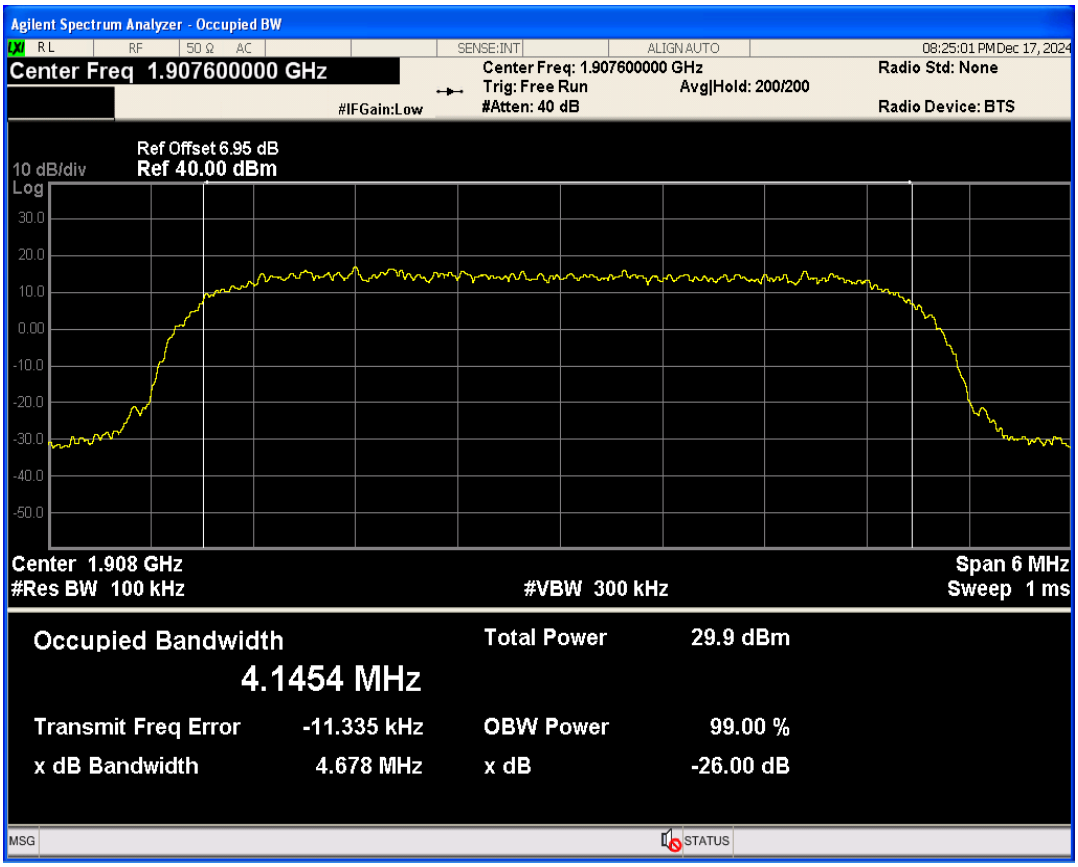
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4141.100	4661.784	PASS
WCDMA Band2	9400	1880	4163.618	4662.936	PASS
WCDMA Band2	9538	1907.6	4145.381	4677.905	PASS
WCDMA Band4	1312	1712.4	4146.073	4669.212	PASS
WCDMA Band4	1413	1732.6	4159.691	4668.021	PASS
WCDMA Band4	1513	1752.6	4179.529	4750.906	PASS
WCDMA Band5	4132	826.4	4174.442	4683.331	PASS
WCDMA Band5	4182	836.4	4155.232	4649.490	PASS
WCDMA Band5	4233	846.6	4150.269	4675.986	PASS

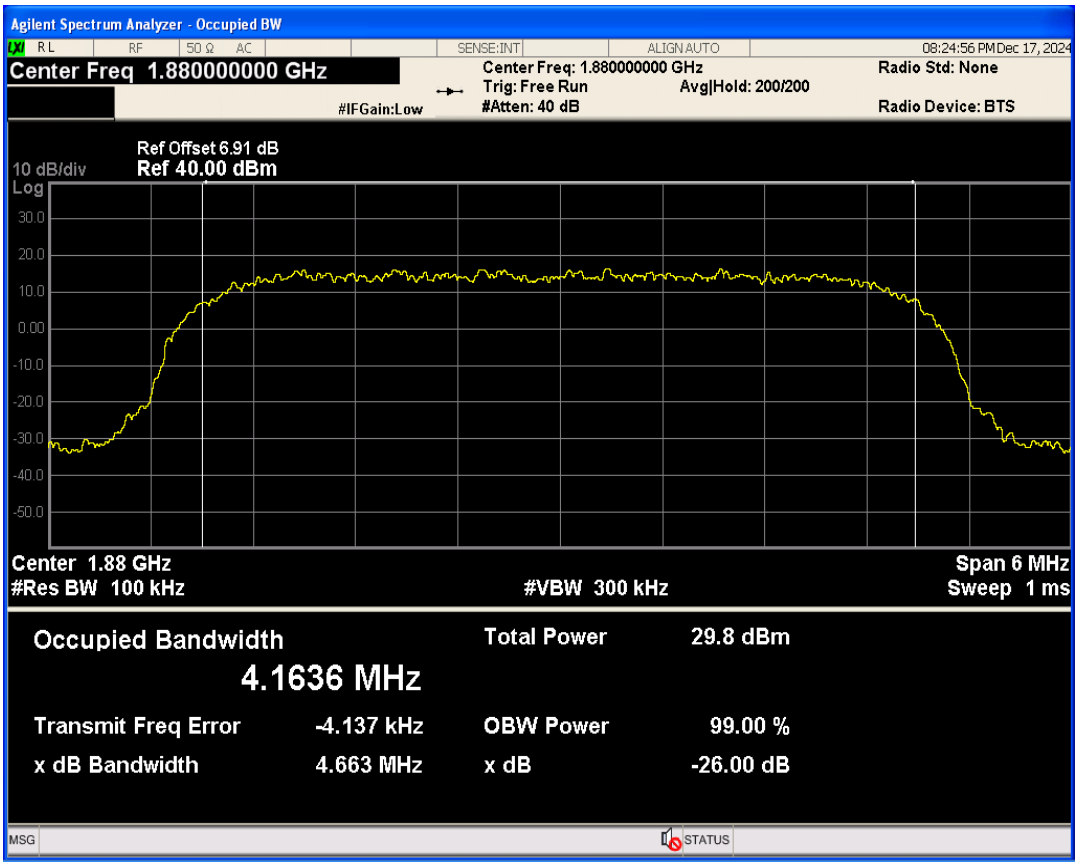
WCDMA Band2 Channel=9262



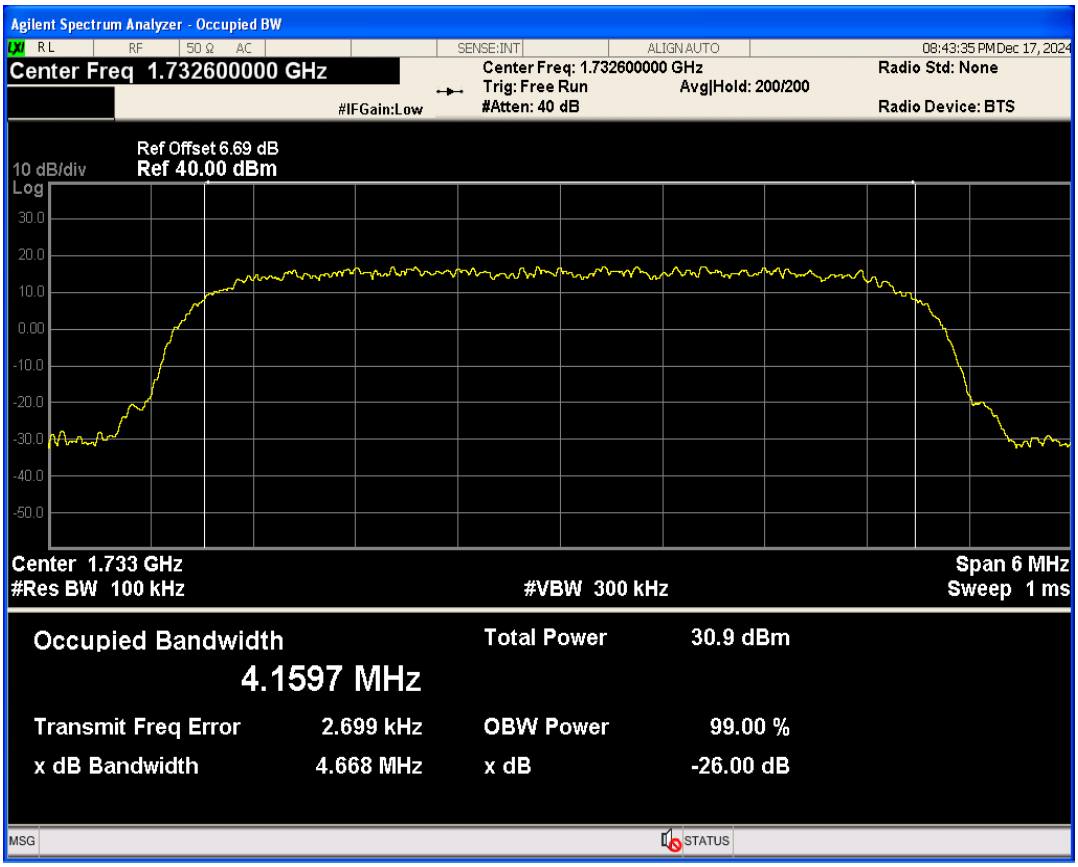
WCDMA Band2 Channel=9538



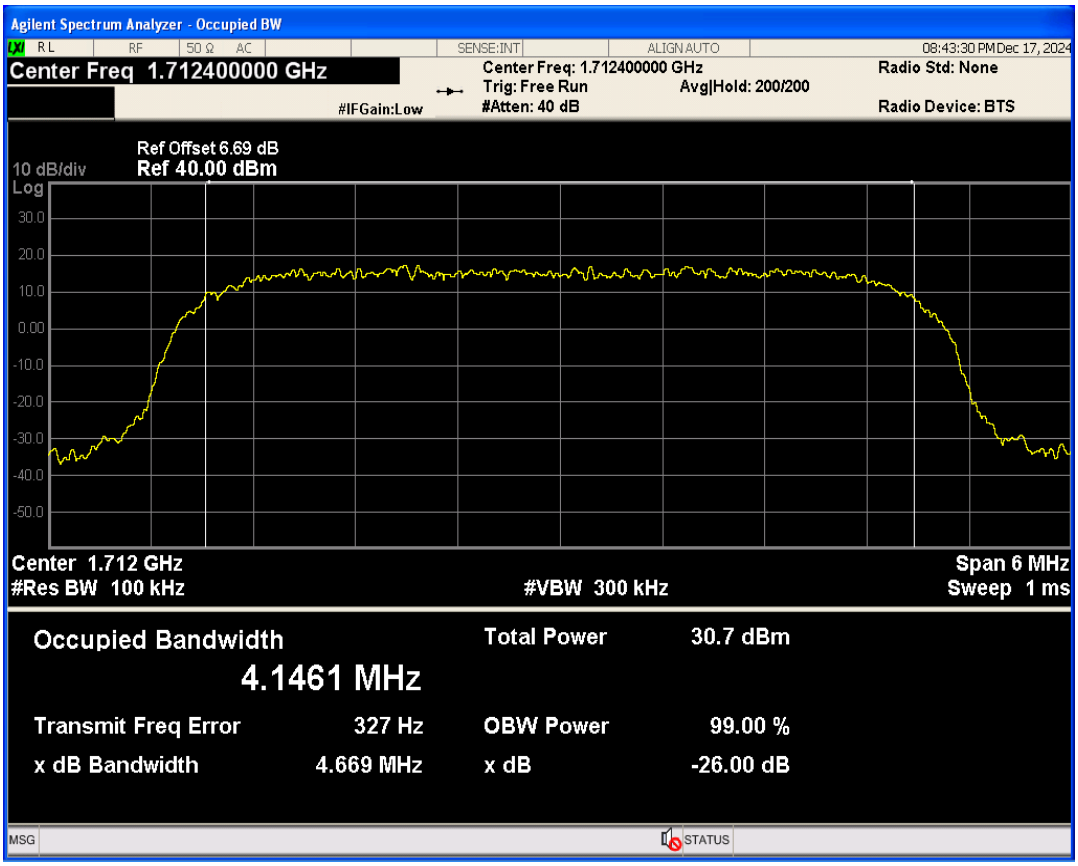
WCDMA Band2 Channel=9400



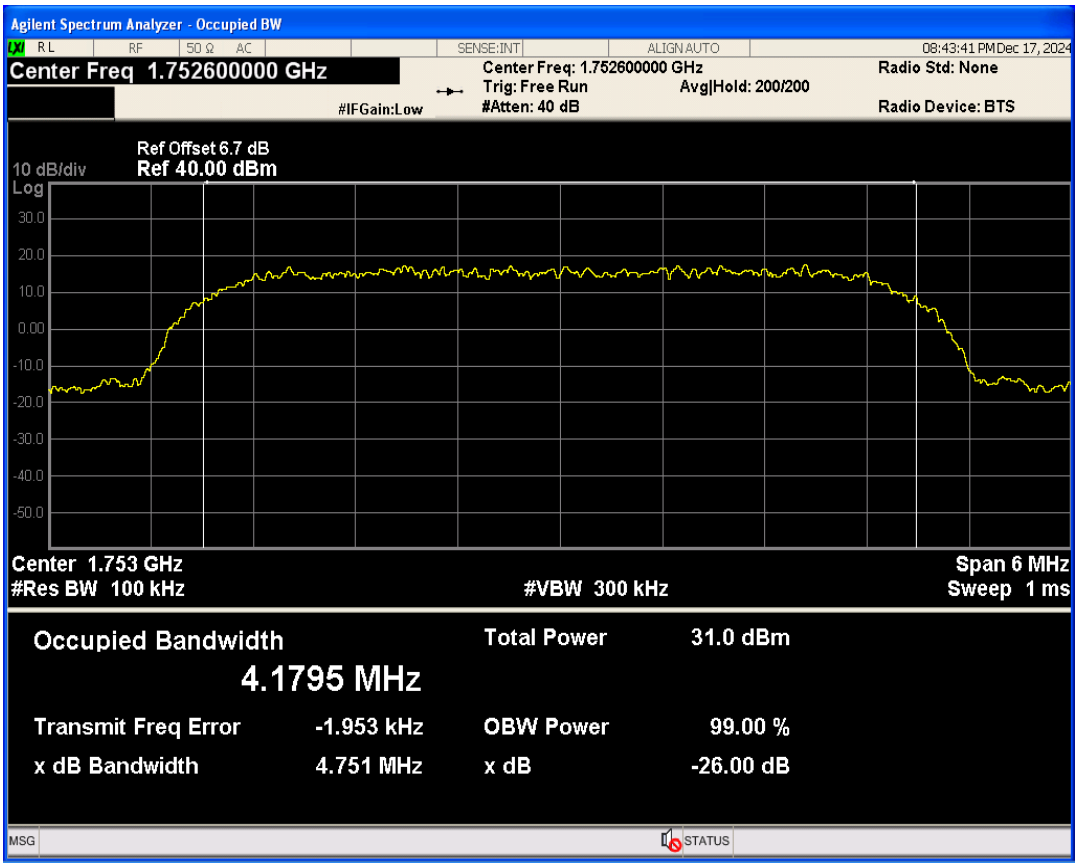
WCDMA Band4 Channel=1413



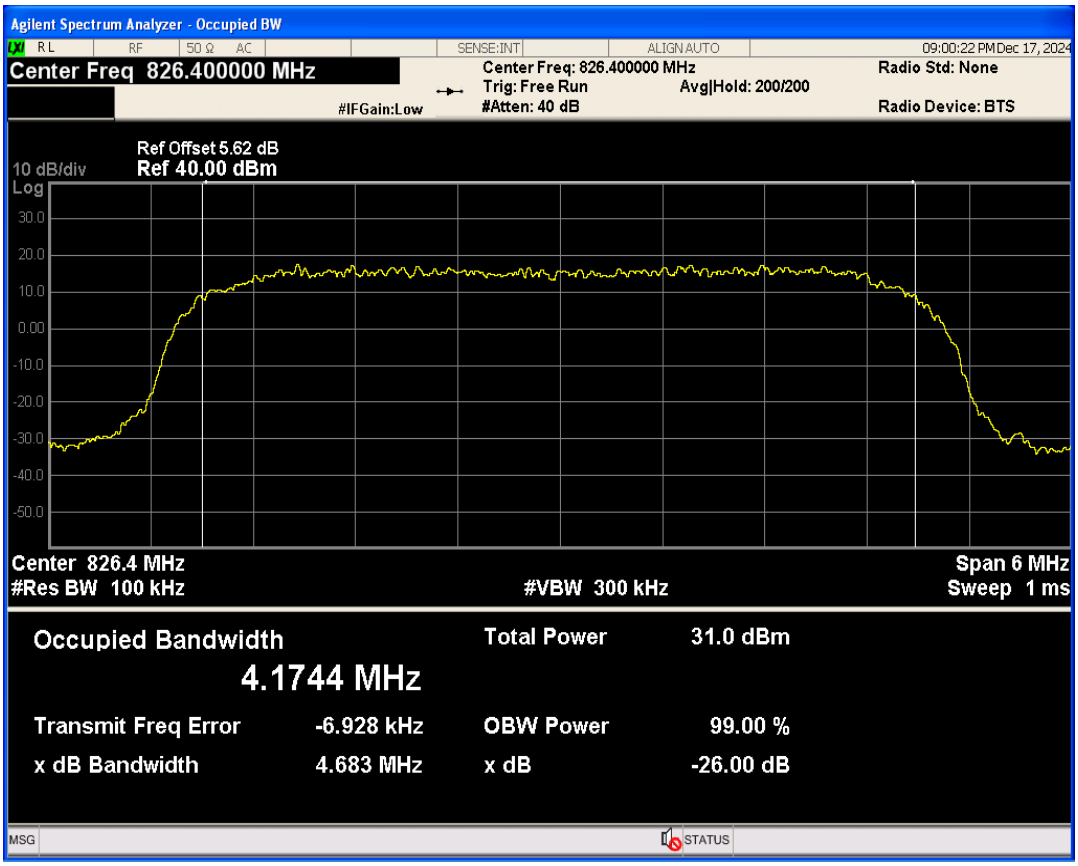
WCDMA Band4 Channel=1312



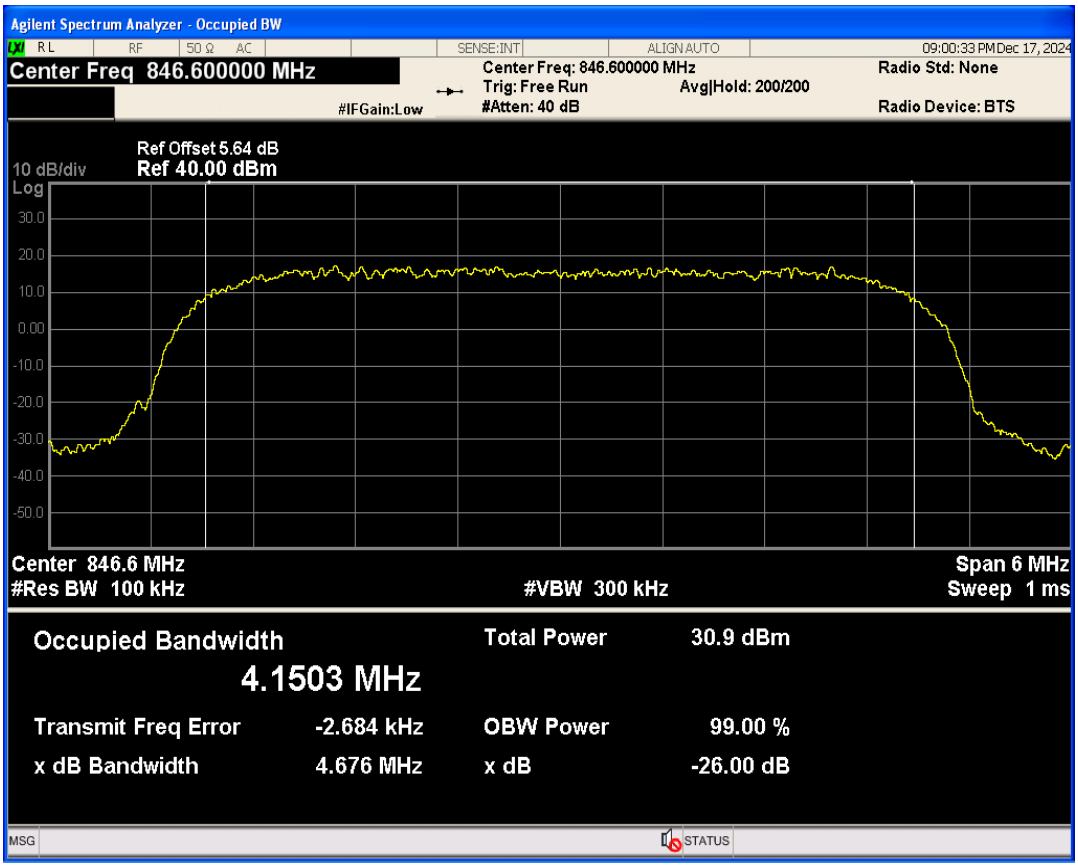
WCDMA Band4 Channel=1513



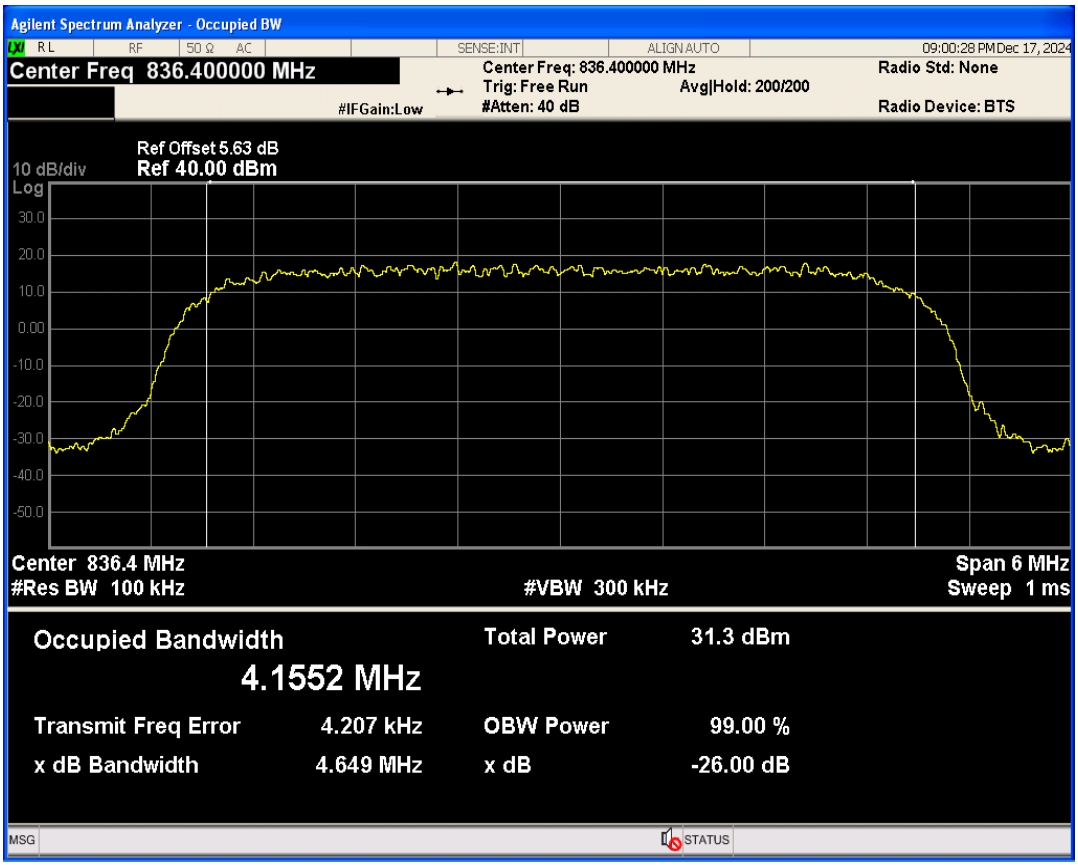
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



WCDMA Band5 Channel=4182



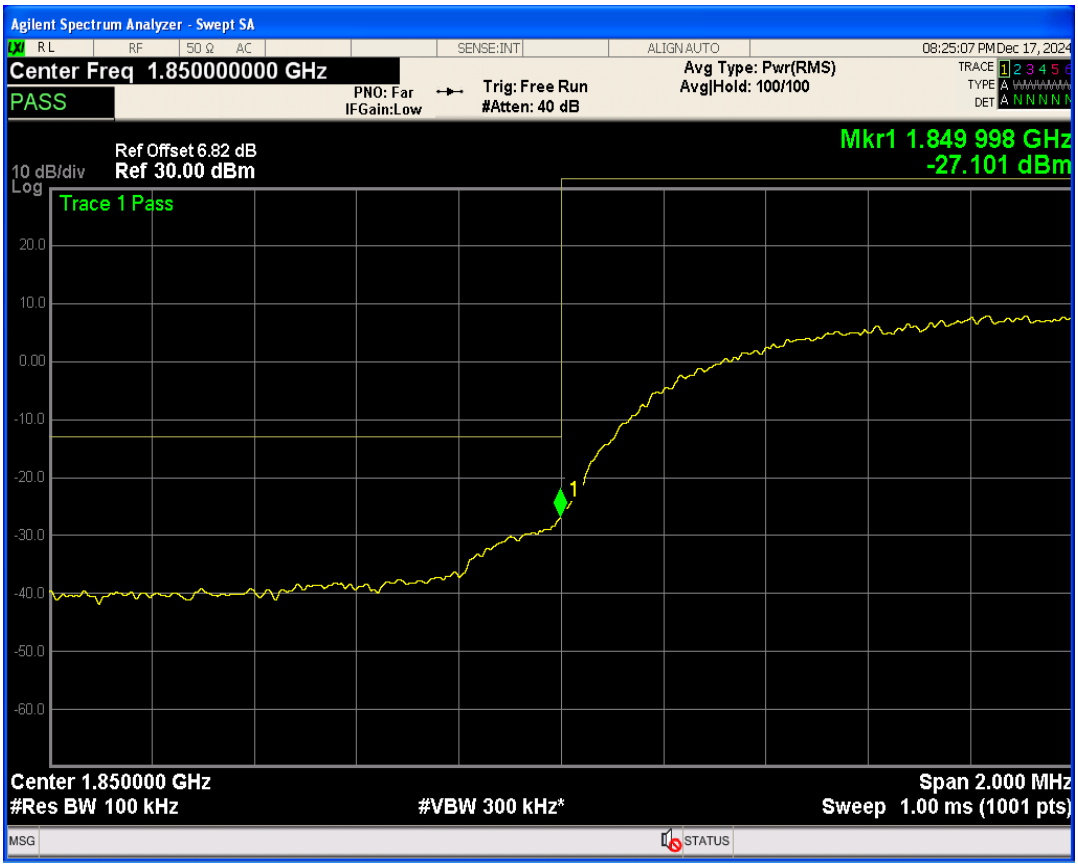
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1850.00	-27.10	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-27.39	-13	PASS
WCDMA Band4	1312	1712.4	1710.00	-26.68	-13	PASS
WCDMA Band4	1513	1752.6	1755.00	-19.03	-13	PASS
WCDMA Band5	4132	826.4	824.00	-26.00	-13	PASS
WCDMA Band5	4233	846.6	849.00	-25.88	-13	PASS

WCDMA Band2 Channel=9538



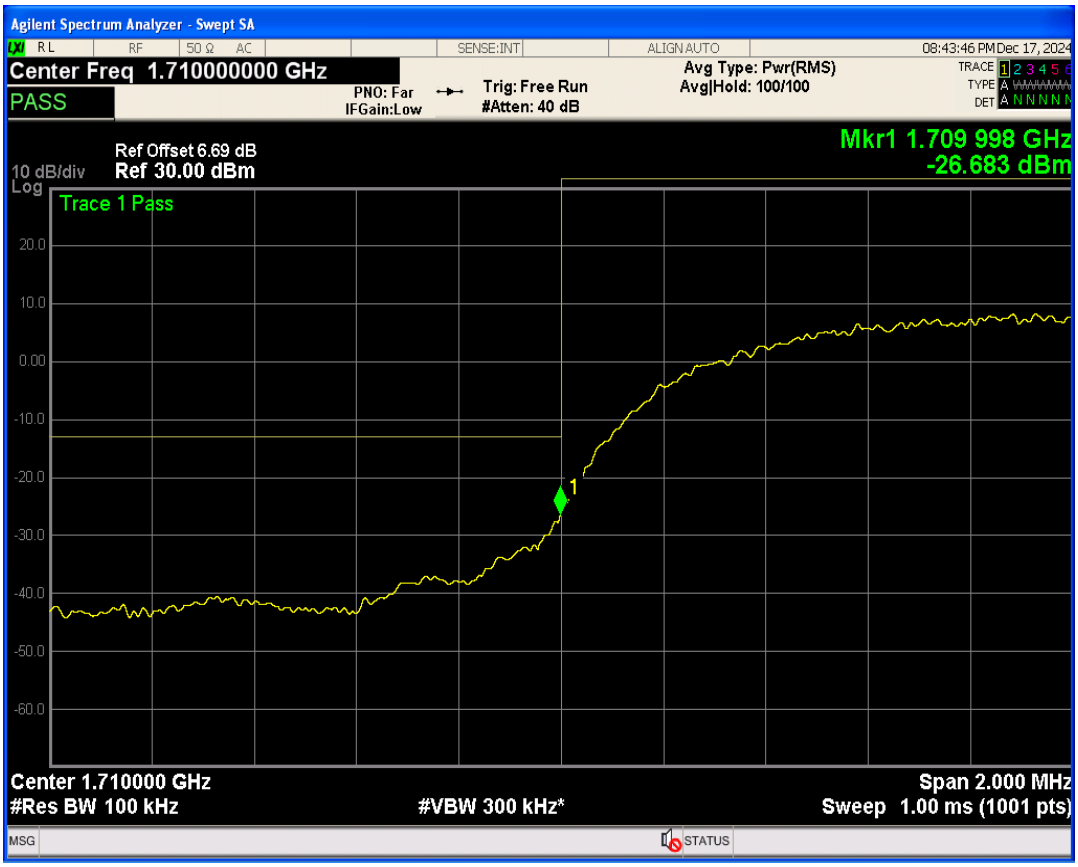
WCDMA Band2 Channel=9262



WCDMA Band4 Channel=1513



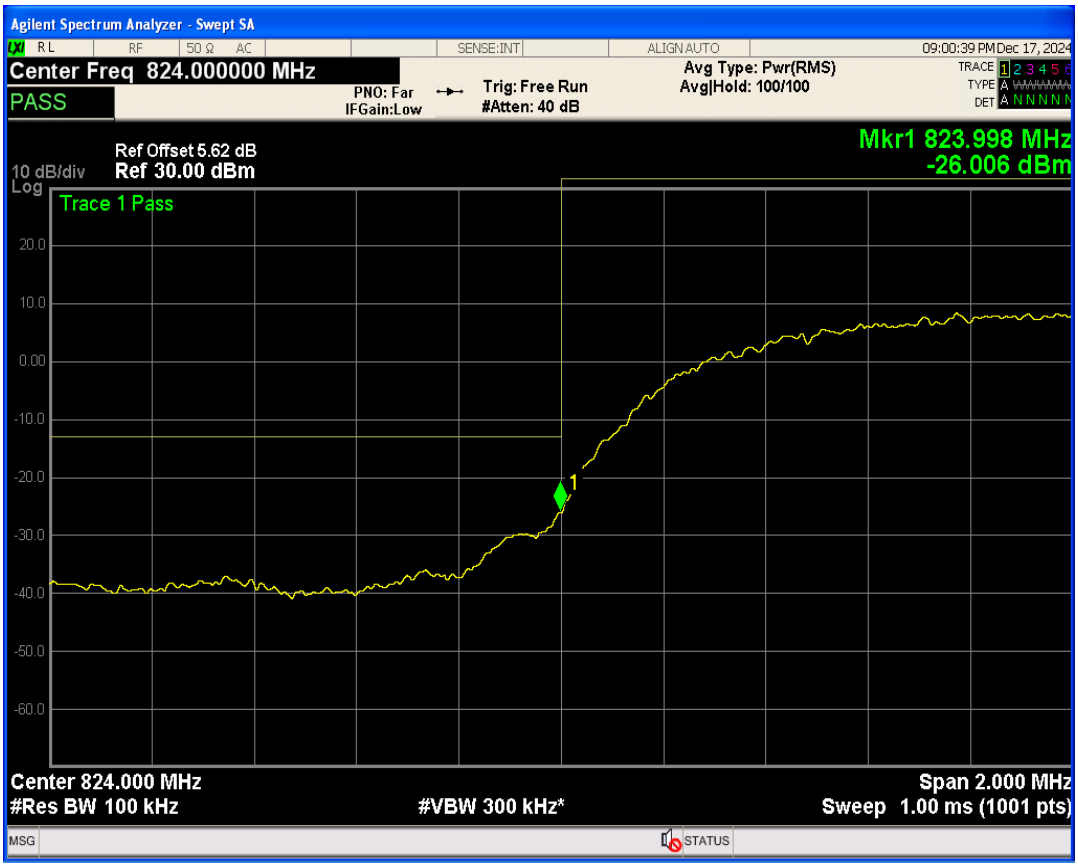
WCDMA Band4 Channel=1312



WCDMA Band5 Channel=4233



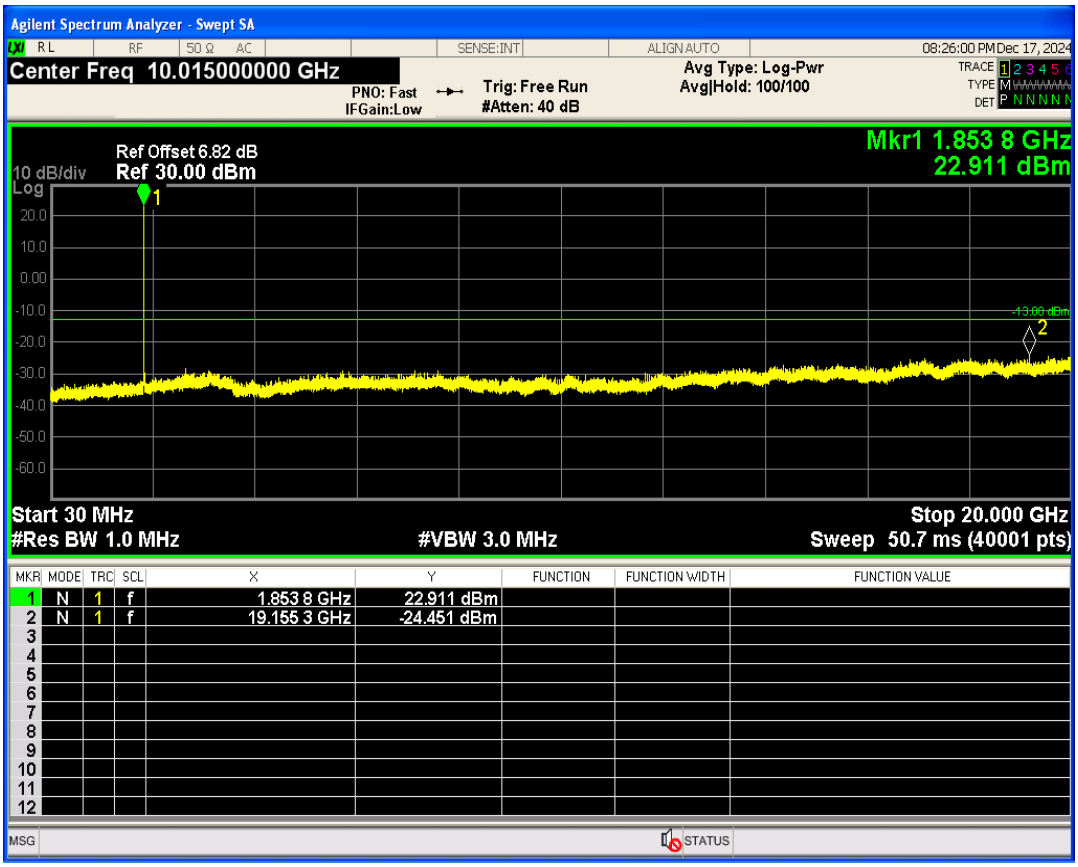
WCDMA Band5 Channel=4132



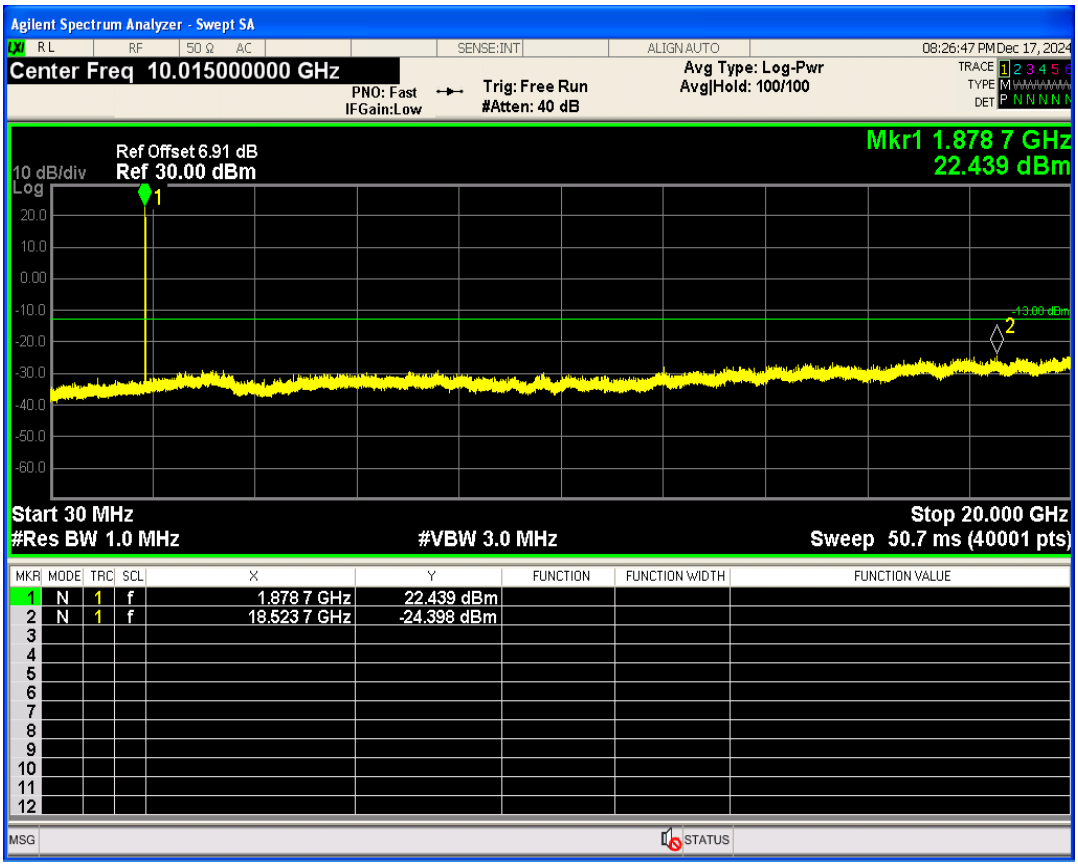
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	19155.27	-24.45	-13	PASS
WCDMA Band2	9400	1880	18523.72	-24.39	-13	PASS
WCDMA Band2	9538	1907.6	19962.06	-24.03	-13	PASS
WCDMA Band4	1312	1712.4	19536.20	-24.64	-13	PASS
WCDMA Band4	1413	1732.6	19934.60	-24.85	-13	PASS
WCDMA Band4	1513	1752.6	19900.15	-23.58	-13	PASS
WCDMA Band5	4132	826.4	3214.92	-30.70	-13	PASS
WCDMA Band5	4182	836.4	2519.26	-30.38	-13	PASS
WCDMA Band5	4233	846.6	3174.29	-30.02	-13	PASS

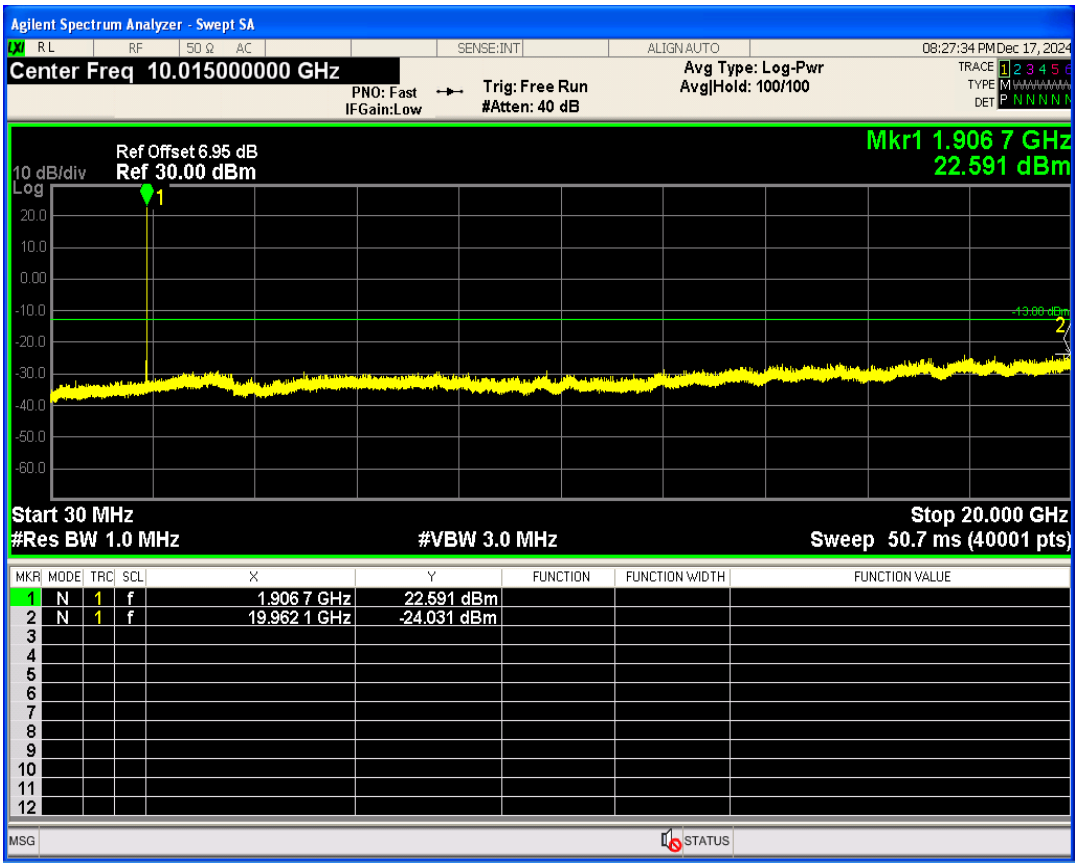
WCDMA Band2 Channel=9262



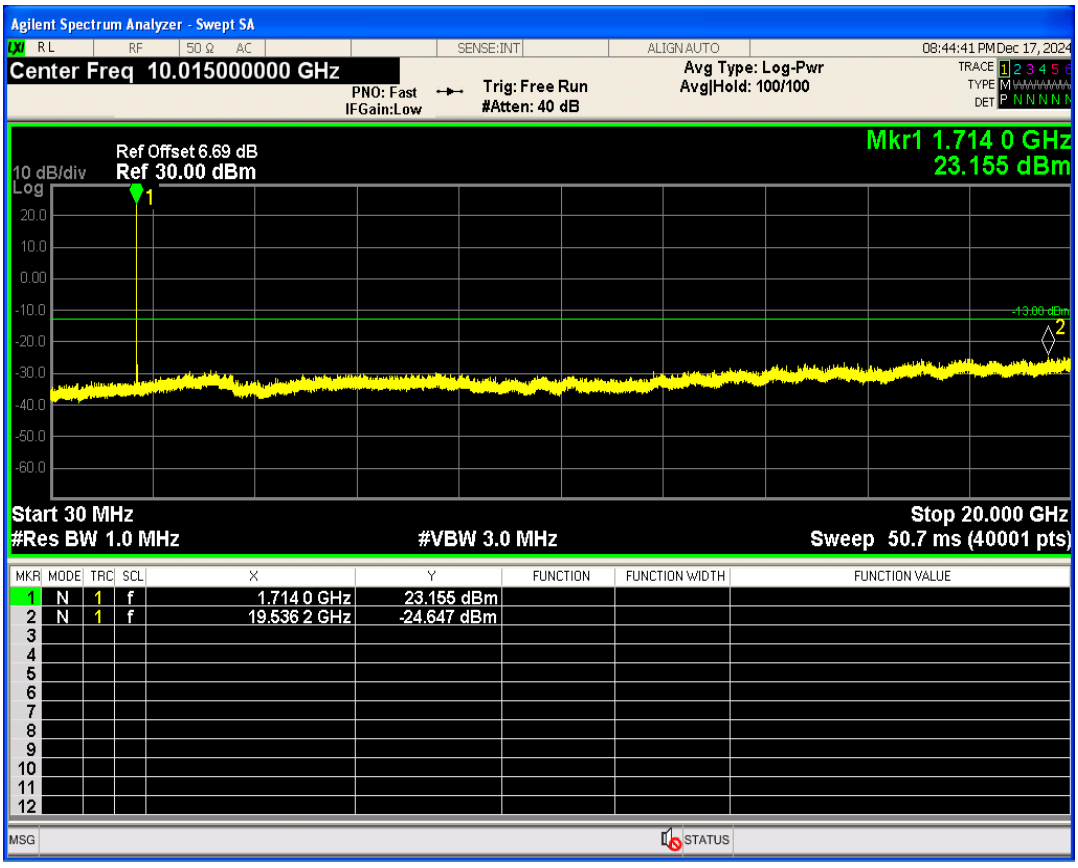
WCDMA Band2 Channel=9400



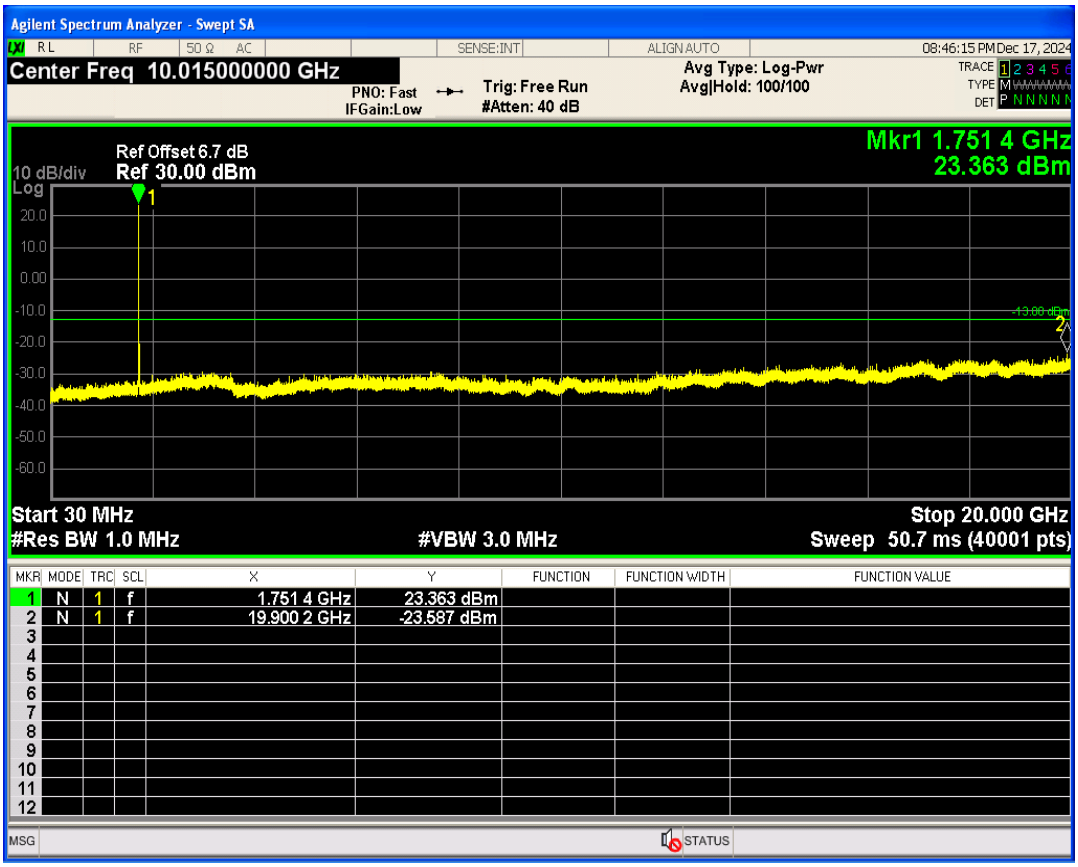
WCDMA Band2 Channel=9538



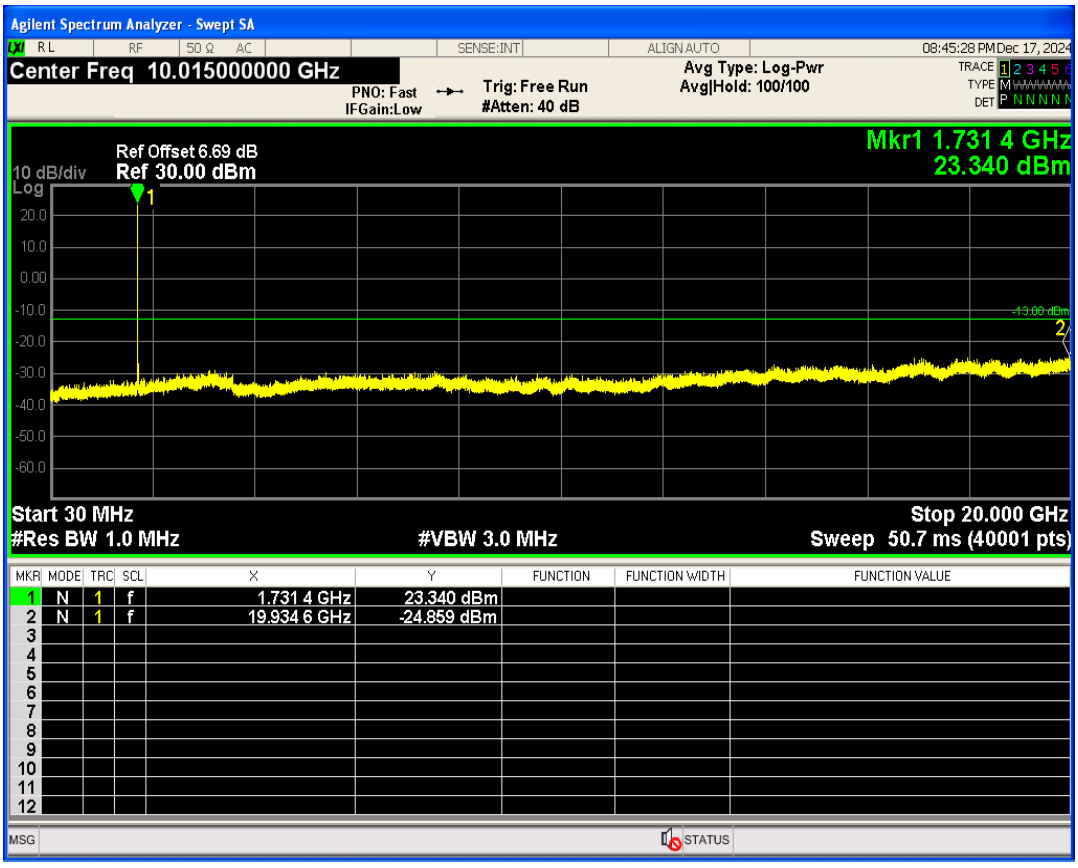
WCDMA Band4 Channel=1312



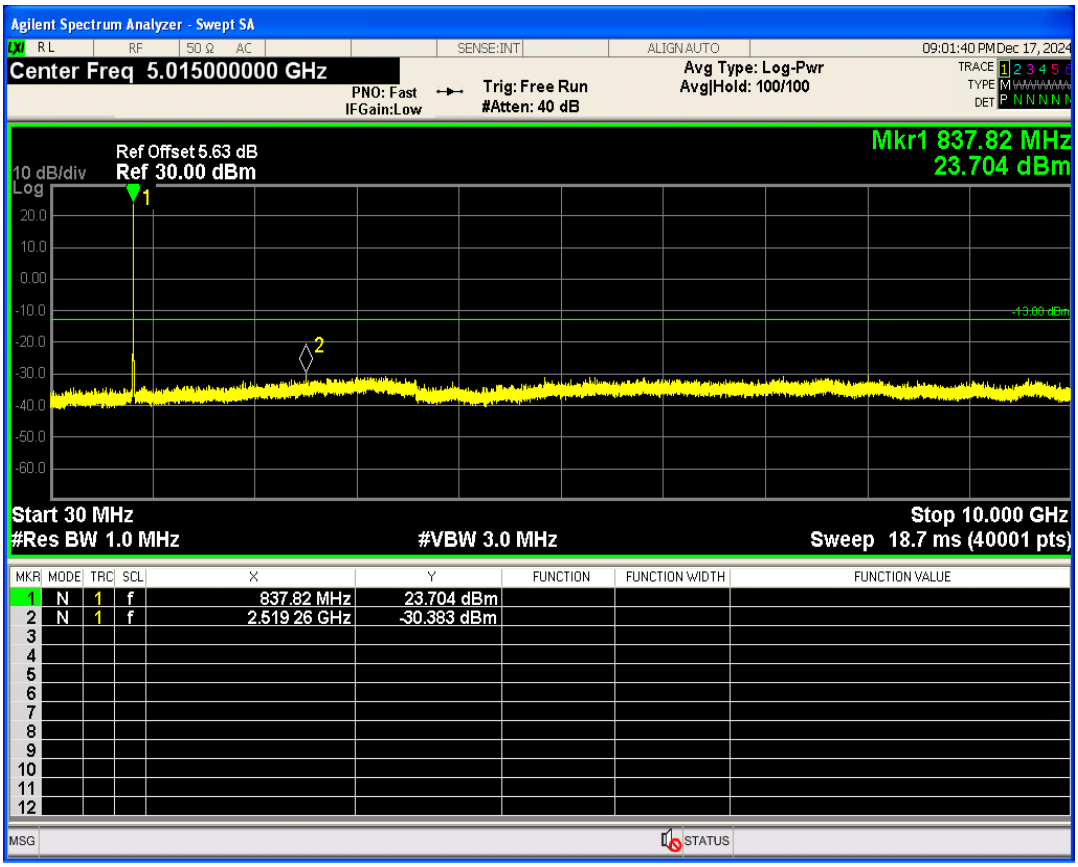
WCDMA Band4 Channel=1513



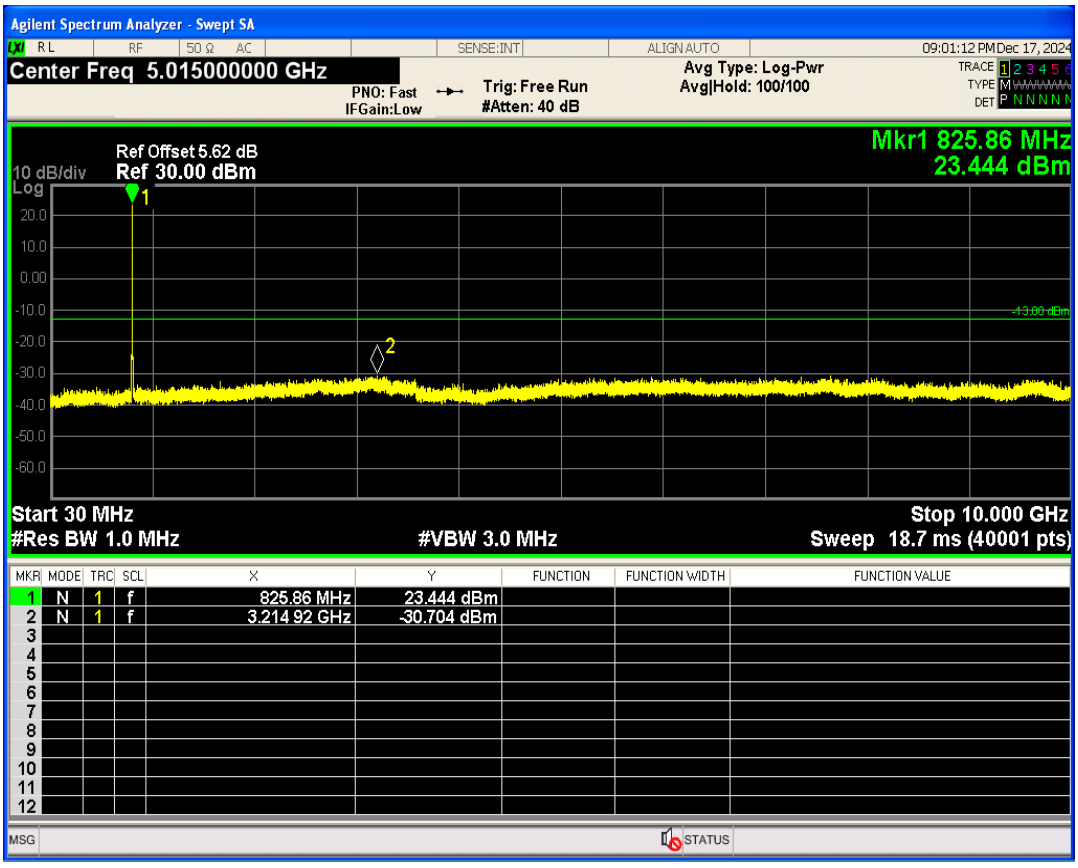
WCDMA Band4 Channel=1413



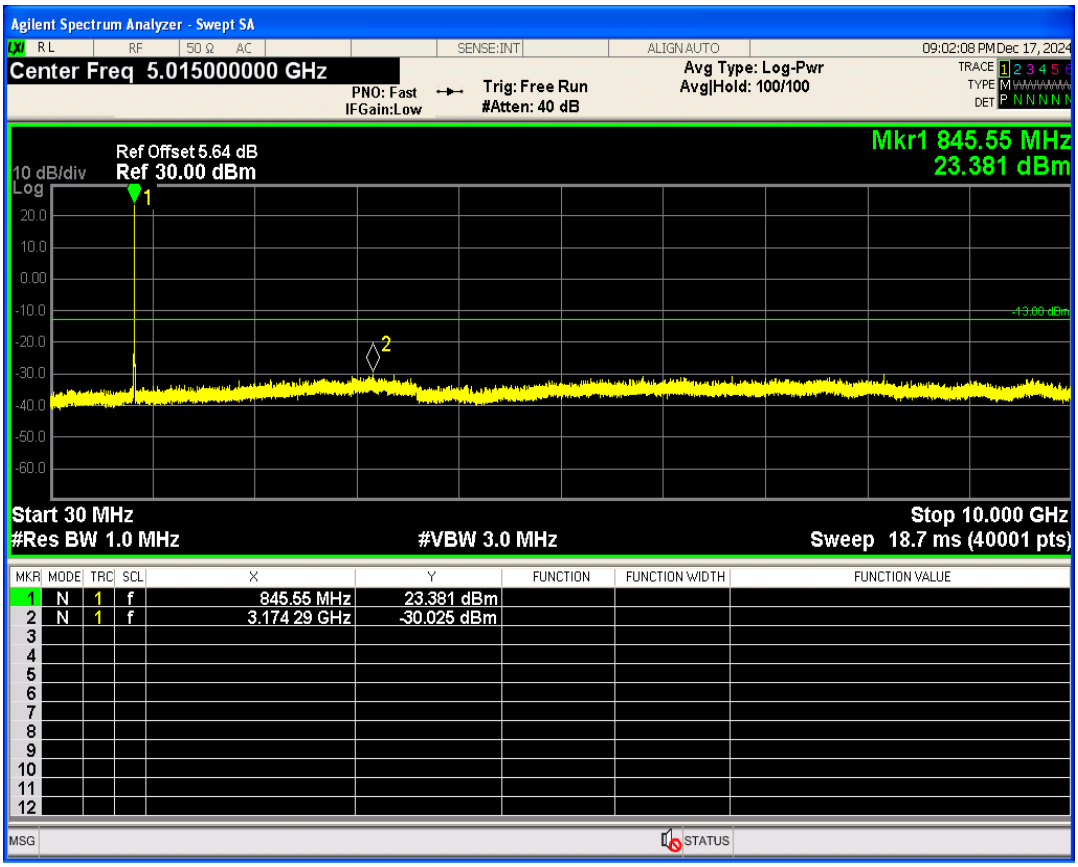
WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
09:02:08 PM Dec 17, 2024
Center Freq 5.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Ref Offset 5.64 dB
10 dB/div
Log
Ref 30.00 dBm
Mkr1 845.55 MHz
23.381 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-13.00 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 10.000 GHz
Sweep 18.7 ms (40001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 845.55 MHz 23.381 dBm
2 N 1 f 3.174 29 GHz -30.025 dBm
MSG
STATUS