Appendix B

Test Data for SZEM160300168002

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1 Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Part 1 – RF Conducted Power of Transmitter for GSM850

RF Output Power(Conducted)						
TEST CONDITIONS	Channel128(L)		Channel190(M)		Channel251(H)	
	824.2MHz		836.6 MHz		848.8 MHz	
Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
GSM/TM1 (GSM ONLY)	33.12	38.5	33.07	38.5	33.12	38.5
GSM/TM1 (GPRS)	33.11	38.5	33.04	38.5	33.1	38.5
GSM/TM2 (EGPRS)	26.87	38.5	26.73	38.5	26.46	38.5

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Part 2– Effective Radiated Power of Transmitter (ERP) for GSM850

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain(dBd)	Cable Loss (dB)	Substitution Level(ERP) / dBm	Limit (dBm)	Result
GSM/TM1 (GSM ONLY)	824.2	26.65	Dipole	32.13	-4.90	0.6	26.63	38.5	Pass
GSM/TM1 (GSM ONLY)	836.6	26.6	Dipole	32.2	-5.02	0.6	26.58	38.5	Pass
GSM/TM1 (GSM ONLY)	848.8	26.65	Dipole	32.24	-5.00	0.6	26.64	38.5	Pass
GSM/TM1 (GPRS)	824.2	26.64	Dipole	32.13	-4.90	0.6	26.63	38.5	Pass
GSM/TM1 (GPRS)	836.6	26.57	Dipole	32.17	-5.02	0.6	26.55	38.5	Pass
GSM/TM1 (GPRS)	848.8	26.63	Dipole	32.2	-5.00	0.6	26.6	38.5	Pass
GSM/TM2 (EGPRS)	824.2	20.4	Dipole	25.88	-4.90	0.6	20.38	38.5	Pass
GSM/TM2 (EGPRS)	836.6	20.26	Dipole	25.89	-5.02	0.6	20.27	38.5	Pass
GSM/TM2 (EGPRS)	848.8	19.99	Dipole	25.58	-5.00	0.6	19.98	38.5	Pass

Note:

a: For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part 3 – RF Conducted Power of Transmitter for GSM1900

RF Output Power(Conducted)						
TEST CONDITIONS	Channel512(L)		Channel661(M)		Channel810(H)	
	1850.2MHz		1880 MHz		1909.8 MHz	
Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
GSM/TM1 (GSM ONLY)	30.28	38.5	30.11	38.5	30.17	38.5
GSM/TM1 (GPRS)	30.19	38.5	30.05	38.5	30.14	38.5
GSM/TM2 (EGPRS)	26.05	38.5	25.58	38.5	25.67	38.5

Part 4– Effective Isotropic Radiated Power of Transmitter (EIRP) for GSM1900

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain(dBd)	Cable Loss (dB)	Substitution Level(EIRP) / dBm	Limit (dBm)	Result
GSM/TM1 (GSM ONLY)	1850.2	26.43	Dipole	31.9	-4.90	0.6	26.4	38.5	Pass
GSM/TM1 (GSM ONLY)	1880	26.26	Dipole	31.86	-5.02	0.6	26.24	38.5	Pass
GSM/TM1 (GSM ONLY)	1909.8	26.32	Dipole	31.91	-5.00	0.6	26.31	38.5	Pass
GSM/TM1 (GPRS)	1850.2	26.34	Dipole	31.82	-4.90	0.6	26.32	38.5	Pass
GSM/TM1 (GPRS)	1880	26.2	Dipole	31.8	-5.02	0.6	26.18	38.5	Pass
GSM/TM1 (GPRS)	1909.8	26.29	Dipole	31.87	-5.00	0.6	26.27	38.5	Pass
GSM/TM2 (EGPRS)	1850.2	22.2	Dipole	27.67	-4.90	0.6	22.17	38.5	Pass
GSM/TM2 (EGPRS)	1880	21.73	Dipole	27.34	-5.02	0.6	21.72	38.5	Pass
GSM/TM2 (EGPRS)	1909.8	21.82	Dipole	27.41	-5.00	0.6	21.81	38.5	Pass

Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part 5 – RF Conducted Power of Transmitter for WCDMA BAND 2

RF Output Power(Conducted)						
TEST CONDITIONS	Channel 9262 (L)		Channel 9400 (M)		Channel 9538 (H)	
	1852.4MHz		1880.0MHz		1907.6MHz	
Tnom/ Vnom	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)
WCDMA	22.93	38.5	23.02	38.5	23.06	38.5
HSDPA	22.04	38.5	22.13	38.5	22.09	38.5
HSUPA	21.5	38.5	21.6	38.5	21.59	38.5

Part 6– Effective Radiated Power of Transmitter (ERP) for WCDMA BAND 2

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain(dBd)	Cable Loss (dB)	Substitution Level(ERP) / dBm	Limit (dBm)	Result
WCDMA	1852.4	19.08	Dipole	24.55	-4.90	0.6	19.05	38.5	Pass
HSDPA	1852.4	18.19	Dipole	23.79	-5.02	0.6	18.17	38.5	Pass
HSUPA	1852.4	17.65	Dipole	23.24	-5.00	0.6	17.64	38.5	Pass
WCDMA	1880.0	19.17	Dipole	24.65	-4.90	0.6	19.15	38.5	Pass
HSDPA	1880.0	18.28	Dipole	23.89	-5.02	0.6	18.27	38.5	Pass
HSUPA	1880.0	17.75	Dipole	23.34	-5.00	0.6	17.74	38.5	Pass
WCDMA	1907.6	19.21	Dipole	24.69	-4.90	0.6	19.19	38.5	Pass
HSDPA	1907.6	18.24	Dipole	23.83	-5.02	0.6	18.21	38.5	Pass
HSUPA	1907.6	17.74	Dipole	23.31	-5.00	0.6	17.71	38.5	Pass

Note:

a: For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part 7 – RF Conducted Power of Transmitter for WCDMA BAND 4

RF Output Power(Conducted)						
TEST CONDITIONS	Channel 1312 (L)		Channel 1413 (M)		Channel 1513 (H)	
	1712.4MHz		1732.6MHz		1752.6MHz	
Tnom/ Vnom	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)
WCDMA	23.21	38.5	23.2	38.5	23.38	38.5
HSDPA	22.24	38.5	22.25	38.5	22.36	38.5
HSUPA	22.11	38.5	22.23	38.5	22.16	38.5

Part 8– Effective Radiated Power of Transmitter (ERP) for WCDMA BAND 4

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain(dBd)	Cable Loss (dB)	Substitution Level(ERP) / dBm	Limit (dBm)	Result
WCDMA	1712.4	15	Dipole	20.48	-4.90	0.6	14.98	38.5	Pass
HSDPA	1712.4	14.03	Dipole	19.64	-5.02	0.6	14.02	38.5	Pass
HSUPA	1712.4	13.9	Dipole	19.48	-5.00	0.6	13.88	38.5	Pass
WCDMA	1732.6	14.99	Dipole	20.47	-4.90	0.6	14.97	38.5	Pass
HSDPA	1732.6	14.04	Dipole	19.64	-5.02	0.6	14.02	38.5	Pass
HSUPA	1732.6	14.02	Dipole	19.61	-5.00	0.6	14.01	38.5	Pass
WCDMA	1752.6	15.17	Dipole	20.65	-4.90	0.6	15.15	38.5	Pass
HSDPA	1752.6	14.15	Dipole	19.76	-5.02	0.6	14.14	38.5	Pass
HSUPA	1752.6	13.95	Dipole	19.54	-5.00	0.6	13.94	38.5	Pass

Note:
a: For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level
c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part9 – RF Conducted Power of Transmitter for WCDMA BAND 5

RF Output Power(Conducted)						
TEST CONDITIONS	Channel 4132(L)		Channel 4182 (M)		Channel 4233(H)	
	826.4MHz		836.4MHz		846.6MHz	
Tnom/ Vnom	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)	Measured(dBm)	Limit (dBm)
WCDMA	22.97	38.5	23.07	38.5	23.09	38.5
HSDPA	22.36	38.5	22.58	38.5	22.33	38.5
HSUPA	21.79	38.5	22.05	38.5	21.77	38.5

Part 10– Effective Radiated Power of Transmitter (ERP) for WCDMA BAND 5

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain(dBd)	Cable Loss (dB)	Substitution Level(ERP) / dBm	Limit (dBm)	Result
WCDMA	826.4	16.5	Dipole	21.98	-4.90	0.6	16.48	38.5	Pass
HSDPA	836.4	15.89	Dipole	21.5	-5.02	0.6	15.88	38.5	Pass
HSUPA	846.6	15.32	Dipole	20.9	-5.00	0.6	15.3	38.5	Pass
WCDMA	826.4	16.6	Dipole	22.09	-4.90	0.6	16.59	38.5	Pass
HSDPA	836.4	16.11	Dipole	21.72	-5.02	0.6	16.1	38.5	Pass
HSUPA	846.6	15.58	Dipole	21.16	-5.00	0.6	15.56	38.5	Pass
WCDMA	826.4	16.62	Dipole	22.1	-4.90	0.6	16.6	38.5	Pass
HSDPA	836.4	15.86	Dipole	21.46	-5.02	0.6	15.84	38.5	Pass
HSUPA	846.6	15.3	Dipole	20.88	-5.00	0.6	15.28	38.5	Pass

Note:

a: For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part 11 – RF Conducted Power of Transmitter for LTE BAND 2

Bandwidth	RF Output Power(Conducted)						
	TEST CONDITIONS	Channel (L)		Channel (M)		Channel (H)	
	Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
1.4MHz	QPSK/ TM1	22.67	38.5	22.46	38.5	22.49	38.5
	16QAM/ TM2	21.99	38.5	21.46	38.5	21.61	38.5
3MHz	QPSK/ TM1	22.63	38.5	22.29	38.5	22.44	38.5
	16QAM/ TM2	21.56	38.5	21.41	38.5	21.76	38.5
5MHz	QPSK/ TM1	22.75	38.5	22.47	38.5	22.59	38.5
	16QAM/ TM2	22.23	38.5	21.62	38.5	21.61	38.5
10MHz	QPSK/ TM1	22.81	38.5	22.5	38.5	22.48	38.5
	16QAM/ TM2	21.66	38.5	21.52	38.5	22.08	38.5
15MHz	QPSK/ TM1	22.82	38.5	22.57	38.5	22.56	38.5
	16QAM/ TM2	22.07	38.5	21.47	38.5	21.86	38.5
20MHz	QPSK/ TM1	22.83	38.5	22.61	38.5	22.58	38.5
	16QAM/ TM2	22.06	38.5	22.06	38.5	22.09	38.5

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Part 12–Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 2

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain (dBd)	Cable Loss (dB)	Substitution Level (EIRP) / dBm	Limit (dBm)	Result
LTE TM1/1.4MHz	1850.7	18.82	Dipole	24.31	-4.90	0.6	18.81	38.5	Pass
	1880	18.61	Dipole	24.22	-5.02	0.6	18.6	38.5	Pass
	1909.3	18.64	Dipole	24.23	-5.00	0.6	18.63	38.5	Pass
LTE TM2/1.4MHz	1850.7	18.14	Dipole	23.63	-4.90	0.6	18.13	38.5	Pass
	1880	17.61	Dipole	23.22	-5.02	0.6	17.6	38.5	Pass
	1909.3	17.76	Dipole	23.34	-5.00	0.6	17.74	38.5	Pass
LTE TM1/3MHz	1851.5	18.78	Dipole	24.26	-4.90	0.6	18.76	38.5	Pass
	1880	18.44	Dipole	24.04	-5.02	0.6	18.42	38.5	Pass
	1908.5	18.59	Dipole	24.17	-5.00	0.6	18.57	38.5	Pass
LTE TM2/3MHz	1851.5	17.71	Dipole	23.2	-4.90	0.6	17.7	38.5	Pass
	1880	17.56	Dipole	23.16	-5.02	0.6	17.54	38.5	Pass
	1908.5	17.91	Dipole	23.49	-5.00	0.6	17.89	38.5	Pass
LTE TM1/5MHz	1852.5	18.9	Dipole	24.38	-4.90	0.6	18.88	38.5	Pass
	1880	18.62	Dipole	24.23	-5.02	0.6	18.61	38.5	Pass
	1907.5	18.74	Dipole	24.32	-5.00	0.6	18.72	38.5	Pass
LTE TM2/5MHz	1852.5	18.38	Dipole	23.86	-4.90	0.6	18.36	38.5	Pass
	1880	17.77	Dipole	23.38	-5.02	0.6	17.76	38.5	Pass
	1907.5	17.76	Dipole	23.35	-5.00	0.6	17.75	38.5	Pass
LTE TM1/ 10MHz	1855	18.96	Dipole	24.43	-4.90	0.6	18.93	38.5	Pass
	1880	18.65	Dipole	24.24	-5.02	0.6	18.62	38.5	Pass
	1905	18.63	Dipole	24.21	-5.00	0.6	18.61	38.5	Pass
LTE TM2/ 10MHz	1855	17.81	Dipole	23.3	-4.90	0.6	17.8	38.5	Pass
	1880	17.67	Dipole	23.26	-5.02	0.6	17.64	38.5	Pass
	1905	18.23	Dipole	23.81	-5.00	0.6	18.21	38.5	Pass
LTE TM1/ 15MHz	1857.5	18.97	Dipole	24.44	-4.90	0.6	18.94	38.5	Pass
	1880	18.72	Dipole	24.33	-5.02	0.6	18.71	38.5	Pass
	1902.5	18.71	Dipole	24.3	-5.00	0.6	18.7	38.5	Pass
LTE TM2/ 15MHz	1857.5	18.22	Dipole	23.71	-4.90	0.6	18.21	38.5	Pass
	1880	17.62	Dipole	23.23	-5.02	0.6	17.61	38.5	Pass
	1902.5	18.01	Dipole	23.6	-5.00	0.6	18	38.5	Pass
LTE TM1/ 20MHz	1860	18.98	Dipole	24.46	-4.90	0.6	18.96	38.5	Pass
	1880	18.76	Dipole	24.36	-5.02	0.6	18.74	38.5	Pass
	1900	18.73	Dipole	24.32	-5.00	0.6	18.72	38.5	Pass
LTE TM2/ 20MHz	1860	18.21	Dipole	23.7	-4.90	0.6	18.2	38.5	Pass
	1880	18.21	Dipole	23.8	-5.02	0.6	18.18	38.5	Pass
	1900	18.24	Dipole	23.82	-5.00	0.6	18.22	38.5	Pass

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Note:
a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level
c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

Part 13 – RF Conducted Power of Transmitter for LTE BAND 4

Bandwidth	RF Output Power(Conducted)						
	TEST CONDITIONS	Channel (L)		Channel (M)		Channel (H)	
	Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
1.4MHz	QPSK/ TM1	23.26	38.5	23.36	38.5	23.33	38.5
	16QAM/ TM2	22.47	38.5	22.45	38.5	22.49	38.5
3MHz	QPSK/ TM1	23.26	38.5	23.19	38.5	23.26	38.5
	16QAM/ TM2	22.42	38.5	22.22	38.5	22.39	38.5
5MHz	QPSK/ TM1	23.28	38.5	23.45	38.5	23.41	38.5
	16QAM/ TM2	22.26	38.5	22.92	38.5	22.57	38.5
10MHz	QPSK/ TM1	23.32	38.5	23.37	38.5	23.33	38.5
	16QAM/ TM2	22.56	38.5	22.39	38.5	22.47	38.5
15MHz	QPSK/ TM1	23.35	38.5	23.27	38.5	23.41	38.5
	16QAM/ TM2	22.18	38.5	22.72	38.5	22.83	38.5
20MHz	QPSK/ TM1	23.33	38.5	23.31	38.5	23.36	38.5
	16QAM/ TM2	22.71	38.5	22.9	38.5	22.92	38.5

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Part 14–Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 4

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain (dBd)	Cable Loss (dB)	Substitution Level (EIRP) / dBm	Limit (dBm)	Result
LTE TM1/1.4MHz	1710.7	17.17	Dipole	22.66	-4.90	0.6	17.16	38.5	Pass
	1732.5	17.27	Dipole	22.87	-5.02	0.6	17.25	38.5	Pass
	1754.3	17.24	Dipole	22.83	-5.00	0.6	17.23	38.5	Pass
LTE TM2/1.4MHz	1710.7	16.38	Dipole	21.87	-4.90	0.6	16.37	38.5	Pass
	1732.5	16.36	Dipole	21.97	-5.02	0.6	16.35	38.5	Pass
	1754.3	16.4	Dipole	21.98	-5.00	0.6	16.38	38.5	Pass
LTE TM1/3MHz	1711.5	17.17	Dipole	22.65	-4.90	0.6	17.15	38.5	Pass
	1732.5	17.1	Dipole	22.7	-5.02	0.6	17.08	38.5	Pass
	1753.5	17.17	Dipole	22.76	-5.00	0.6	17.16	38.5	Pass
LTE TM2/3MHz	1711.5	16.33	Dipole	21.81	-4.90	0.6	16.31	38.5	Pass
	1732.5	16.13	Dipole	21.74	-5.02	0.6	16.12	38.5	Pass
	1753.5	16.3	Dipole	21.88	-5.00	0.6	16.28	38.5	Pass
LTE TM1/5MHz	1712.5	17.19	Dipole	22.67	-4.90	0.6	17.17	38.5	Pass
	1732.5	17.36	Dipole	22.97	-5.02	0.6	17.35	38.5	Pass
	1752.5	17.32	Dipole	22.91	-5.00	0.6	17.31	38.5	Pass
LTE TM2/5MHz	1712.5	16.17	Dipole	21.66	-4.90	0.6	16.16	38.5	Pass
	1732.5	16.83	Dipole	22.43	-5.02	0.6	16.81	38.5	Pass
	1752.5	16.48	Dipole	22.05	-5.00	0.6	16.45	38.5	Pass
LTE TM1/ 10MHz	1715	17.23	Dipole	22.71	-4.90	0.6	17.21	38.5	Pass
	1732.5	17.28	Dipole	22.88	-5.02	0.6	17.26	38.5	Pass
	1750	17.24	Dipole	22.83	-5.00	0.6	17.23	38.5	Pass
LTE TM2/ 10MHz	1715	16.47	Dipole	21.95	-4.90	0.6	16.45	38.5	Pass
	1732.5	16.3	Dipole	21.9	-5.02	0.6	16.28	38.5	Pass
	1750	16.38	Dipole	21.96	-5.00	0.6	16.36	38.5	Pass
LTE TM1/ 15MHz	1717.5	17.26	Dipole	22.75	-4.90	0.6	17.25	38.5	Pass
	1732.5	17.18	Dipole	22.78	-5.02	0.6	17.16	38.5	Pass
	1747.5	17.32	Dipole	22.91	-5.00	0.6	17.31	38.5	Pass
LTE TM2/ 15MHz	1717.5	16.09	Dipole	21.58	-4.90	0.6	16.08	38.5	Pass
	1732.5	16.63	Dipole	22.23	-5.02	0.6	16.61	38.5	Pass
	1747.5	16.74	Dipole	22.32	-5.00	0.6	16.72	38.5	Pass
LTE TM1/ 20MHz	1720	17.24	Dipole	22.73	-4.90	0.6	17.23	38.5	Pass
	1732.5	17.22	Dipole	22.82	-5.02	0.6	17.2	38.5	Pass
	1745	17.27	Dipole	22.85	-5.00	0.6	17.25	38.5	Pass
LTE TM2/ 20MHz	1720	16.62	Dipole	22.11	-4.90	0.6	16.61	38.5	Pass
	1732.5	16.81	Dipole	22.41	-5.02	0.6	16.79	38.5	Pass
	1745	16.83	Dipole	22.42	-5.00	0.6	16.82	38.5	Pass

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Note:
a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level
c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

Part 15 – RF Conducted Power of Transmitter for LTE BAND 7

Bandwidth	RF Output Power(Conducted)						
	TEST CONDITIONS	Channel (L)		Channel (M)		Channel (H)	
	Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
5MHz	QPSK/ TM1	22.16	38.5	22.21	38.5	22.24	38.5
	16QAM/ TM2	21.34	38.5	21.52	38.5	21.17	38.5
10MHz	QPSK/ TM1	22.11	38.5	22.23	38.5	22.16	38.5
	16QAM/ TM2	21.32	38.5	21.21	38.5	21.23	38.5
15MHz	QPSK/ TM1	22.14	38.5	22.22	38.5	22.05	38.5
	16QAM/ TM2	21.21	38.5	21.44	38.5	21.04	38.5
20MHz	QPSK/ TM1	22.33	38.5	22.35	38.5	22.08	38.5
	16QAM/ TM2	21.09	38.5	21.52	38.5	21.28	38.5

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Part 16–Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 7

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain (dBd)	Cable Loss (dB)	Substitution Level (EIRP) / dBm	Limit (dBm)	Result
LTE TM1/5MHz	2502.5	16.99	Dipole	22.47	-4.90	0.6	16.97	38.5	Pass
	2535	17.04	Dipole	22.63	-5.02	0.6	17.01	38.5	Pass
	2567.5	17.07	Dipole	22.66	-5.00	0.6	17.06	38.5	Pass
LTE TM2/5MHz	2502.5	16.17	Dipole	21.65	-4.90	0.6	16.15	38.5	Pass
	2535	16.35	Dipole	21.95	-5.02	0.6	16.33	38.5	Pass
	2567.5	16	Dipole	21.61	-5.00	0.6	16.01	38.5	Pass
LTE TM1/ 10MHz	2505	16.94	Dipole	22.42	-4.90	0.6	16.92	38.5	Pass
	2535	17.06	Dipole	22.65	-5.02	0.6	17.03	38.5	Pass
	2565	16.99	Dipole	22.57	-5.00	0.6	16.97	38.5	Pass
LTE TM2/ 10MHz	2505	16.15	Dipole	21.63	-4.90	0.6	16.13	38.5	Pass
	2535	16.04	Dipole	21.64	-5.02	0.6	16.02	38.5	Pass
	2565	16.06	Dipole	21.63	-5.00	0.6	16.03	38.5	Pass
LTE TM1/ 15MHz	2507.5	16.97	Dipole	22.45	-4.90	0.6	16.95	38.5	Pass
	2535	17.05	Dipole	22.64	-5.02	0.6	17.02	38.5	Pass
	2562.5	16.88	Dipole	22.46	-5.00	0.6	16.86	38.5	Pass
LTE TM2/ 15MHz	2507.5	16.04	Dipole	21.52	-4.90	0.6	16.02	38.5	Pass
	2535	16.27	Dipole	21.86	-5.02	0.6	16.24	38.5	Pass
	2562.5	15.87	Dipole	21.43	-5.00	0.6	15.83	38.5	Pass
LTE TM1/ 20MHz	2510	17.16	Dipole	22.64	-4.90	0.6	17.14	38.5	Pass
	2535	17.18	Dipole	22.79	-5.02	0.6	17.17	38.5	Pass
	2560	16.91	Dipole	22.5	-5.00	0.6	16.9	38.5	Pass
LTE TM2/ 20MHz	2510	15.92	Dipole	21.41	-4.90	0.6	15.91	38.5	Pass
	2535	16.35	Dipole	21.95	-5.02	0.6	16.33	38.5	Pass
	2560	16.11	Dipole	21.68	-5.00	0.6	16.08	38.5	Pass

Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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Part 17 – RF Conducted Power of Transmitter for LTE BAND 17

Bandwidth	RF Output Power(Conducted)						
	TEST CONDITIONS	Channel (L)		Channel (M)		Channel (H)	
		2502.5 ~ 2510 MHz		2535 MHz		2560 ~ 2567.5 MHz	
	Tnom/ Vnom	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)	Measured (dBm)	Limit (dBm)
5MHz	QPSK/ TM1	23.32	38.5	23.39	38.5	23.34	38.5
	16QAM/ TM2	22.36	38.5	22.44	38.5	22.56	38.5
10MHz	QPSK/ TM1	23.35	38.5	23.28	38.5	23.44	38.5
	16QAM/ TM2	22.62	38.5	22.31	38.5	22.5	38.5

Part 18–Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 17

Test Mode	Freq. (MHz)	Meas. Level (dBm)	Substitution Antenna Type	SGP (dBm)	Substitution Gain (dBd)	Cable Loss (dB)	Substitution Level (EIRP) / dBm	Limit (dBm)	Result
LTE TM1/5MHz	706.5	14.79	Dipole	20.27	-4.90	0.6	14.77	38.5	Pass
	710	14.86	Dipole	20.47	-5.02	0.6	14.85	38.5	Pass
	713.5	14.81	Dipole	20.4	-5.00	0.6	14.8	38.5	Pass
LTE TM2/5MHz	706.5	13.83	Dipole	19.31	-4.90	0.6	13.81	38.5	Pass
	710	13.91	Dipole	19.5	-5.02	0.6	13.88	38.5	Pass
	713.5	14.03	Dipole	19.61	-5.00	0.6	14.01	38.5	Pass
LTE TM1/ 10MHz	709	14.82	Dipole	20.31	-4.90	0.6	14.81	38.5	Pass
	710	14.75	Dipole	20.34	-5.02	0.6	14.72	38.5	Pass
	711	14.91	Dipole	20.48	-5.00	0.6	14.88	38.5	Pass
LTE TM2/ 10MHz	709	14.09	Dipole	19.57	-4.90	0.6	14.07	38.5	Pass
	710	13.78	Dipole	19.38	-5.02	0.6	13.76	38.5	Pass
	711	13.97	Dipole	19.56	-5.00	0.6	13.96	38.5	Pass

Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.
Detector: RMS

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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM850	GSM/TM1	LCH	9.86	13	PASS
		MCH	9.77	13	PASS
		HCH	9.32	13	PASS
	GSM/TM2	LCH	12.45	13	PASS
		MCH	12.68	13	PASS
		HCH	12.47	13	PASS
GSM1900	GSM/TM1	LCH	9.58	13	PASS
		MCH	9.70	13	PASS
		HCH	9.83	13	PASS
	GSM/TM2	LCH	12.56	13	PASS
		MCH	12.68	13	PASS
		HCH	12.68	13	PASS
WCDMA850	UMTS/TM1	LCH	3.22	13	PASS
		MCH	2.57	13	PASS
		HCH	2.88	13	PASS
WCDMA1700	UMTS/TM1	LCH	2.61	13	PASS
		MCH	2.75	13	PASS
		HCH	2.71	13	PASS
WCDMA1900	UMTS/TM1	LCH	2.93	13	PASS
		MCH	3.02	13	PASS
		HCH	2.45	13	PASS
LTE 750	LTE TM1/ 10MHz	LCH	5.68	13	PASS
		MCH	5.66	13	PASS
		HCH	5.62	13	PASS
	LTE TM2/ 10MHz	LCH	6.45	13	PASS
		MCH	6.47	13	PASS
		HCH	6.43	13	PASS
LTE1700	LTE TM1/ 20MHz	LCH	5.29	13	PASS
		MCH	5.22	13	PASS
		HCH	5.21	13	PASS
	LTE TM2/ 20MHz	LCH	5.26	13	PASS
		MCH	5.28	13	PASS
		HCH	5.18	13	PASS
LTE1900	LTE TM1/ 20MHz	LCH	5.15	13	PASS

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Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
LTE1900	LTE TM1/ 20MHz	MCH	5.30	13	PASS
		HCH	4.58	13	PASS
	LTE TM2/ 20MHz	LCH	5.90	13	PASS
		MCH	6.05	13	PASS
		HCH	5.33	13	PASS
LTE2600	LTE TM1/ 20MHz	LCH	5.09	13	PASS
		MCH	5.36	13	PASS
		HCH	5.68	13	PASS
	LTE TM2/ 20MHz	LCH	5.14	13	PASS
		MCH	5.78	13	PASS
		HCH	5.95	13	PASS

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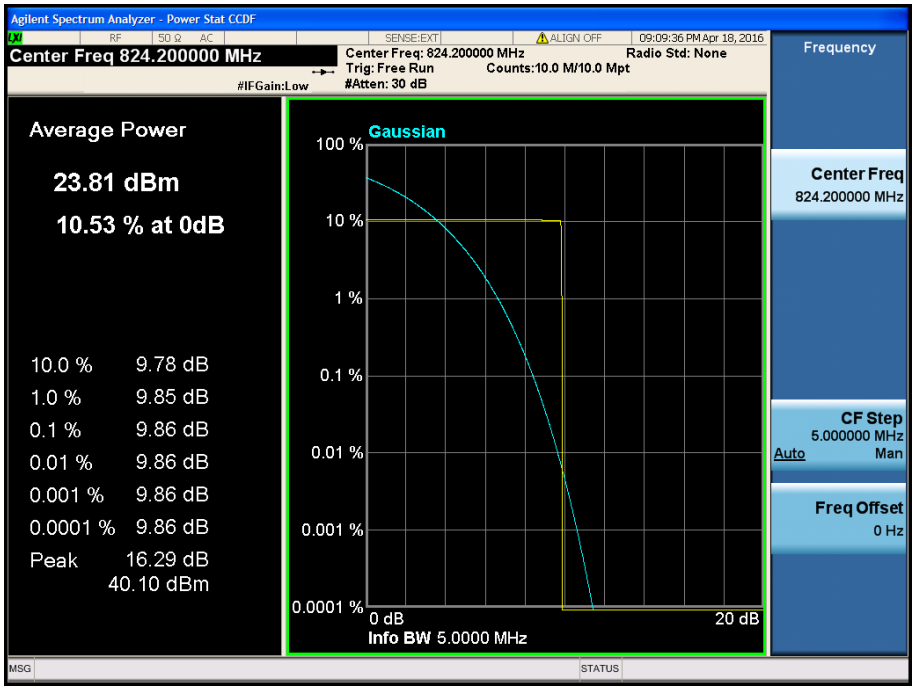
Part II - Test Plots

2.1 For GSM

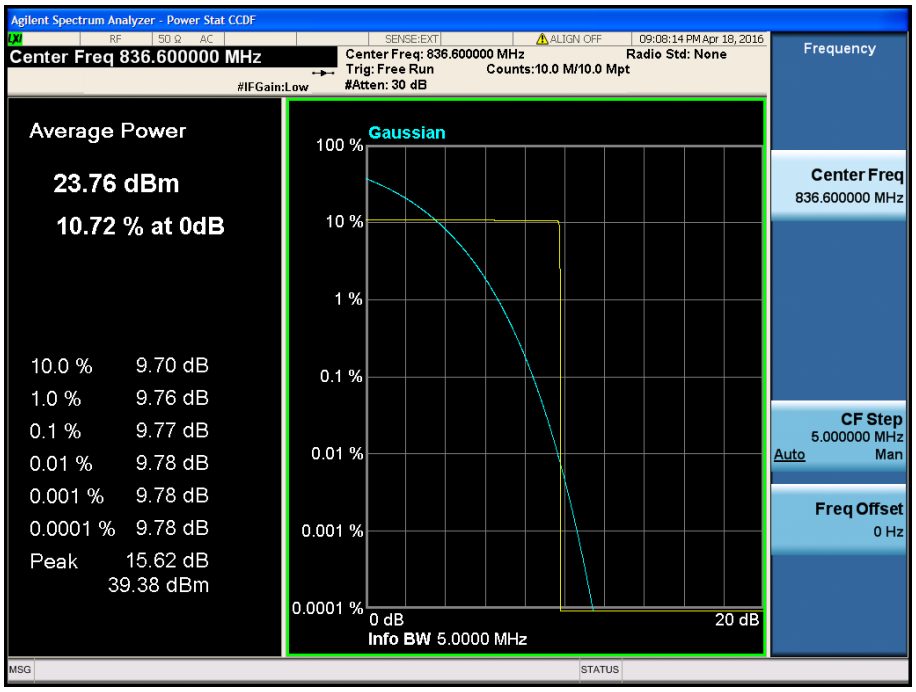
2.1.1 Test Band = GSM850

2.1.1.1 Test Mode = GSM/TM1

2.1.1.1.1 Test Channel = LCH



2.1.1.1.2 Test Channel = MCH



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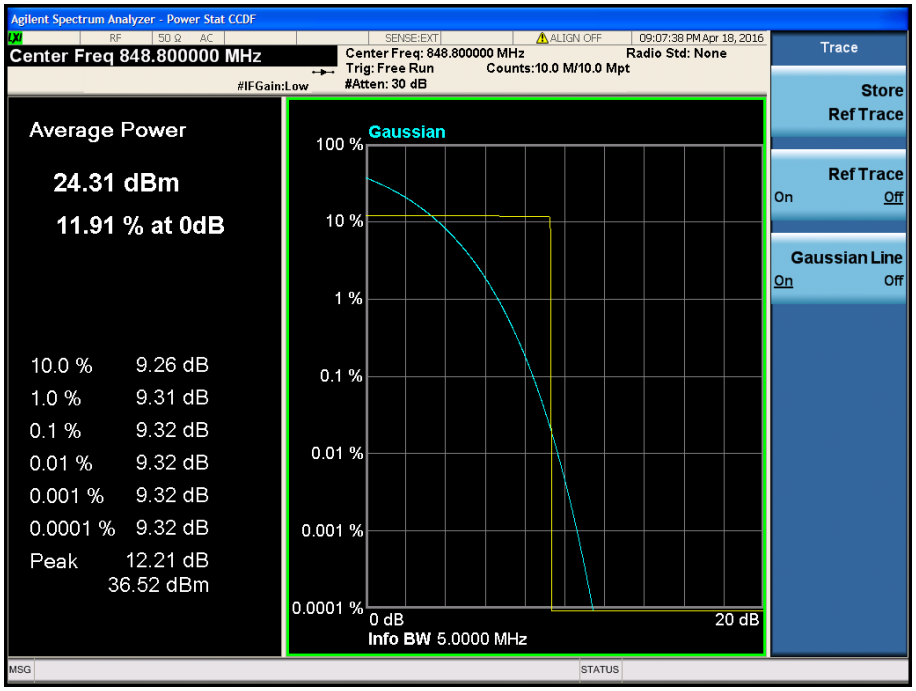
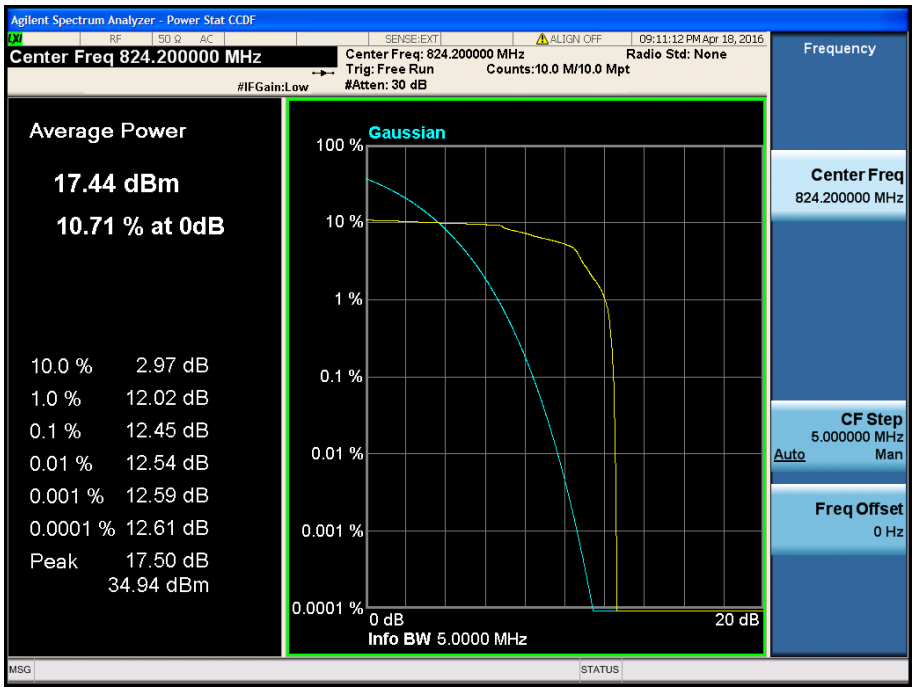
2.1.1.1.3 Test Channel = HCH



2.1.1.2 Test Mode = GSM/TM2

2.1.1.2.1 Test Channel = LCH



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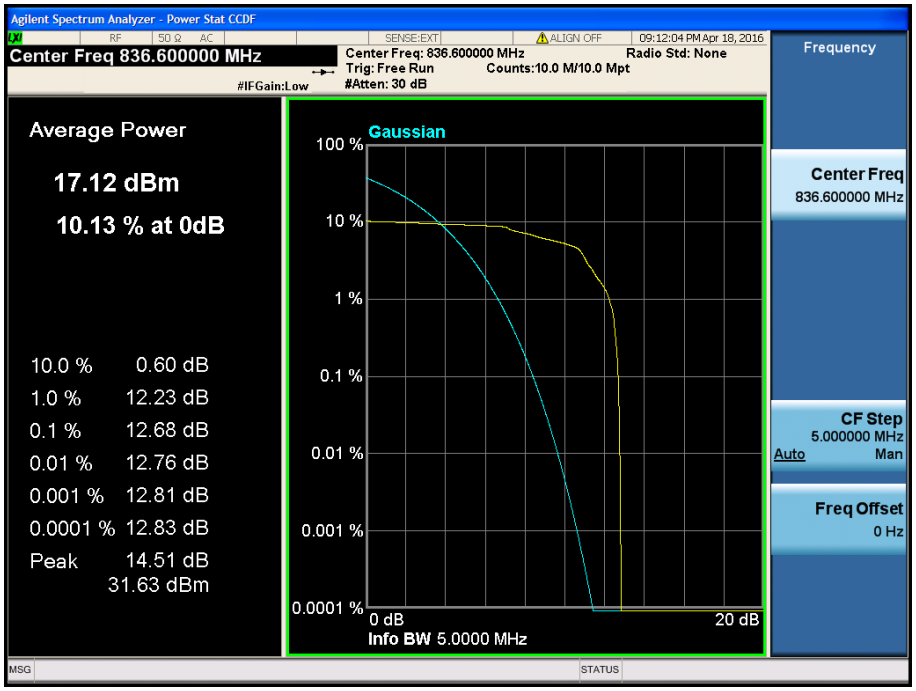
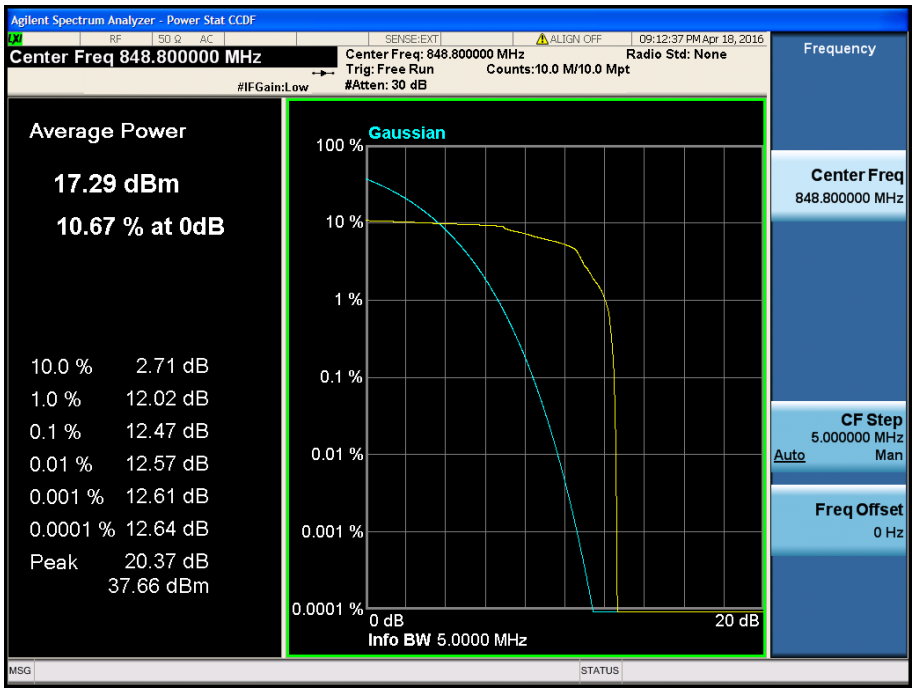
2.1.1.2.2 Test Channel = MCH



2.1.1.2.3 Test Channel = HCH



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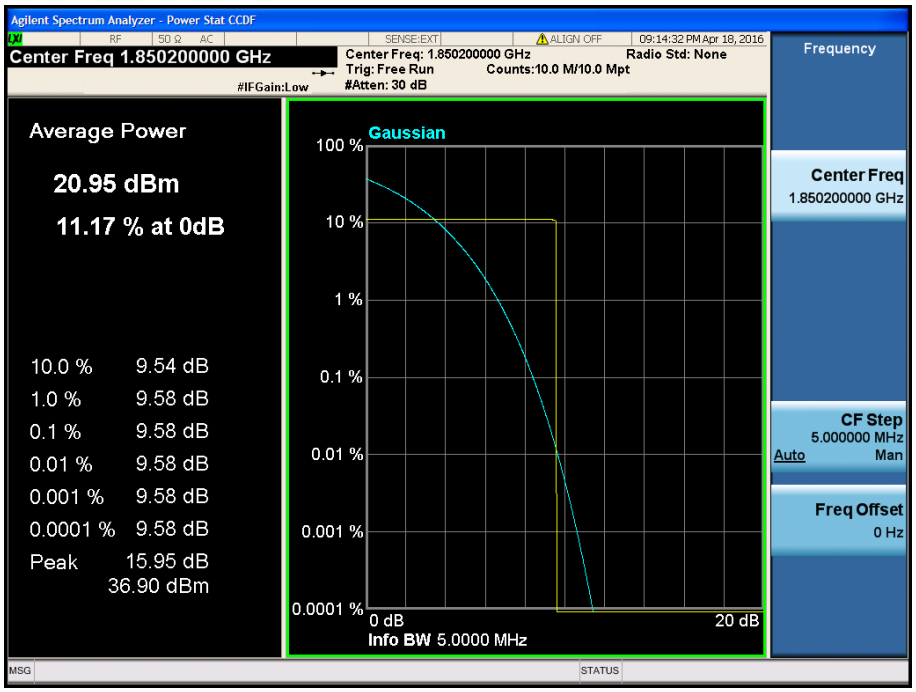
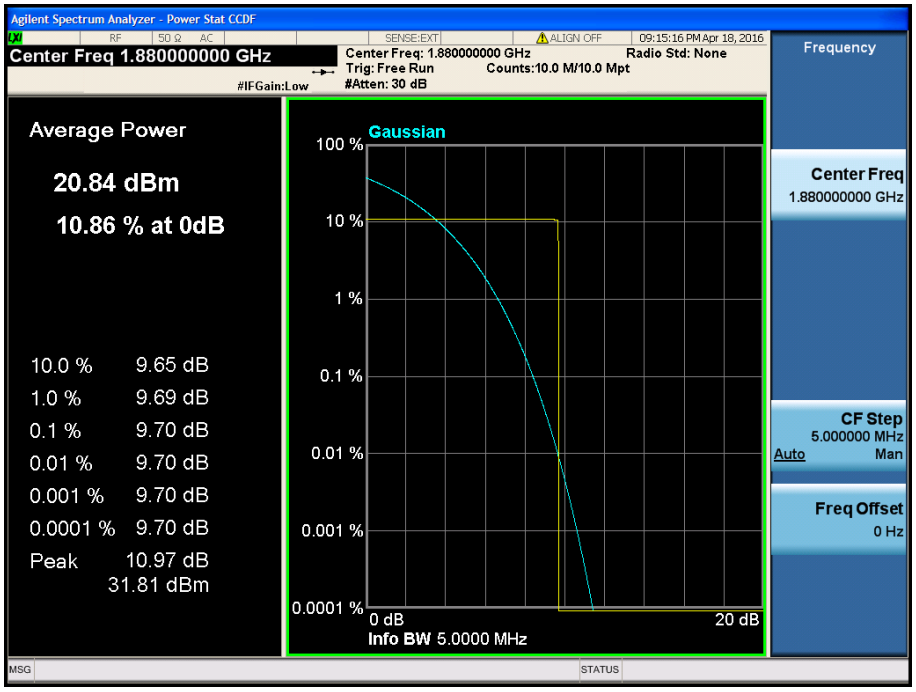
2.1.2 Test Band = GSM1900

2.1.2.1 Test Mode = GSM/TM1

2.1.2.1.1 Test Channel = LCH



2.1.2.1.2 Test Channel = MCH



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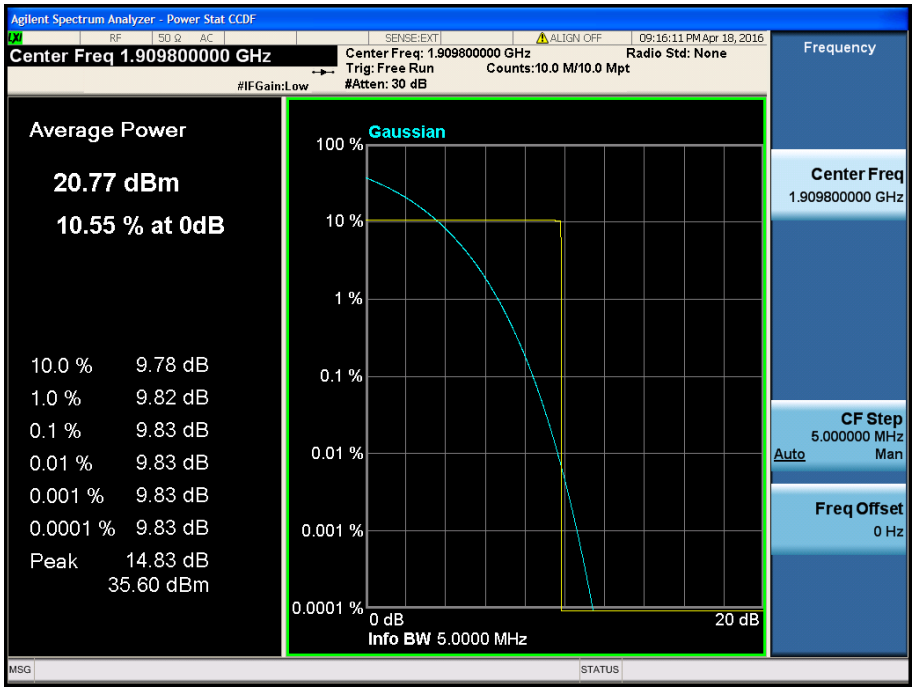
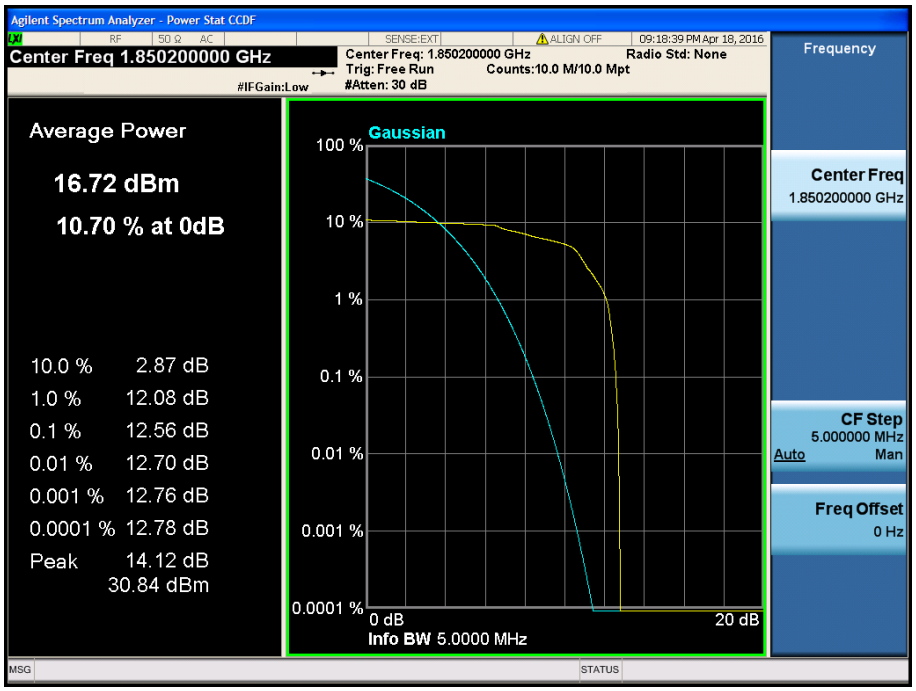
2.1.2.1.3 Test Channel = HCH



2.1.2.2 Test Mode = GSM/TM2

2.1.2.2.1 Test Channel = LCH



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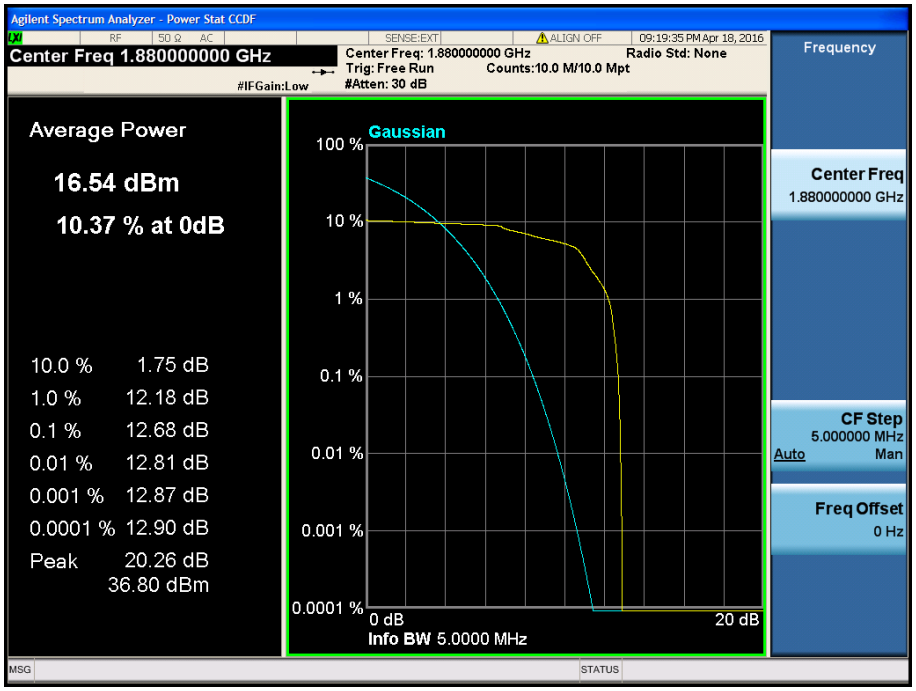
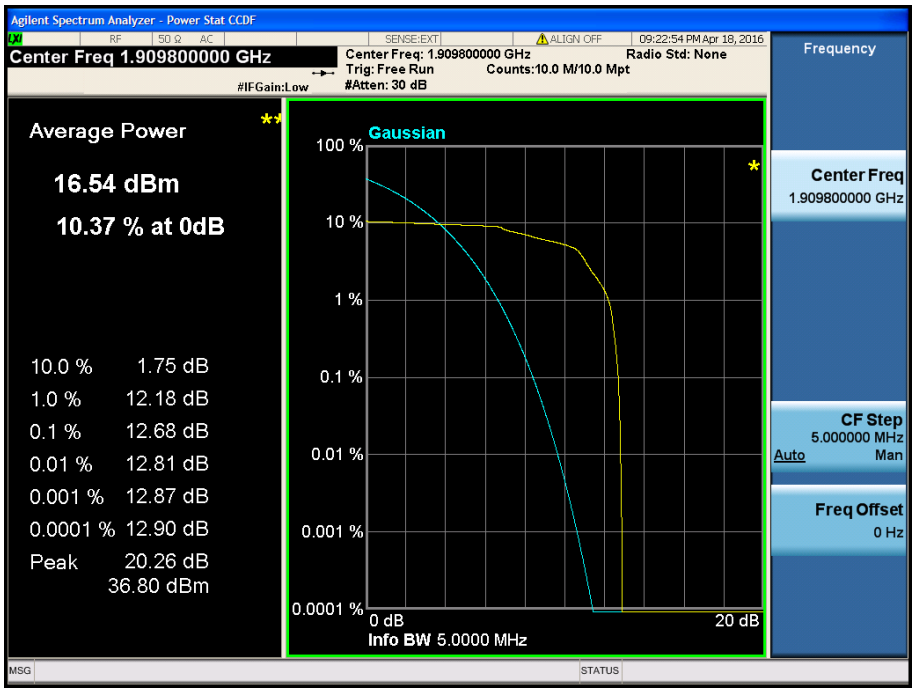
2.1.2.2.2 Test Channel = MCH



2.1.2.2.3 Test Channel = HCH



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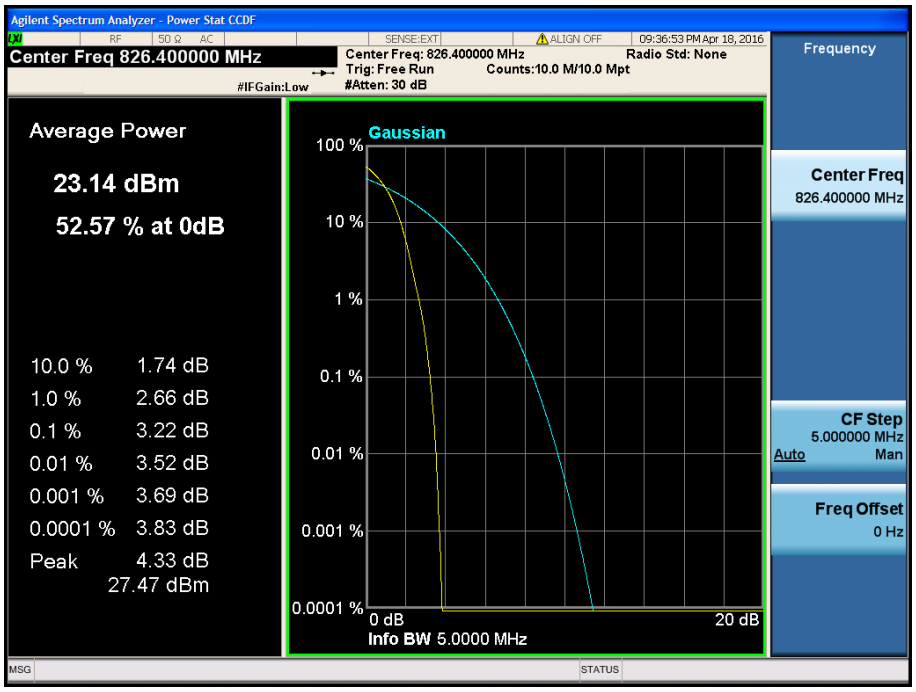
2.2 For WCDMA

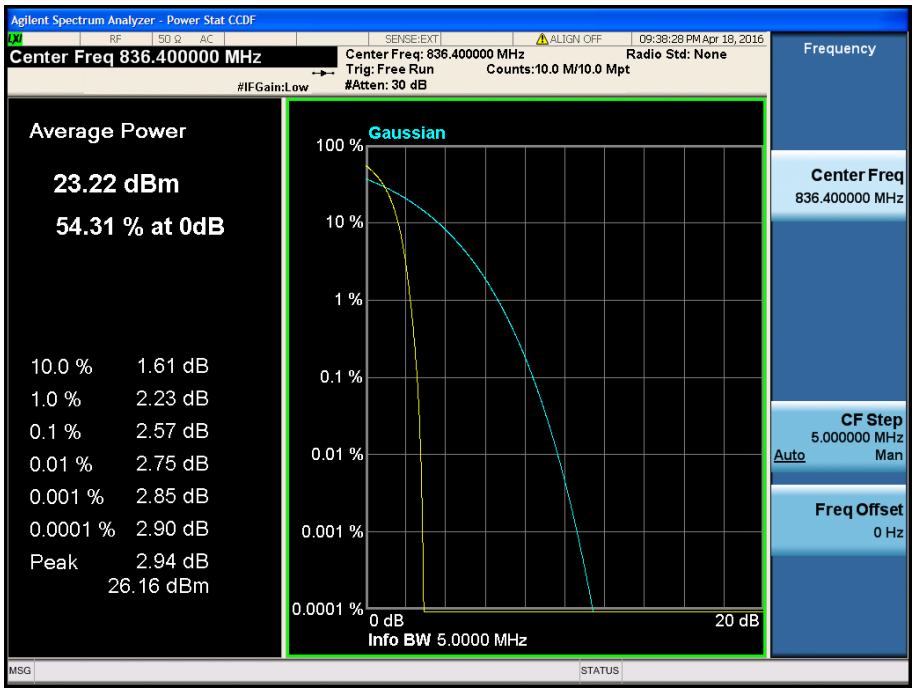
2.2.1 Test Band = WCDMA850

2.2.1.1 Test Mode = WCDMA /TM1

2.2.1.1.1 Test Channel = LCH



2.2.1.1.2 Test Channel = MCH



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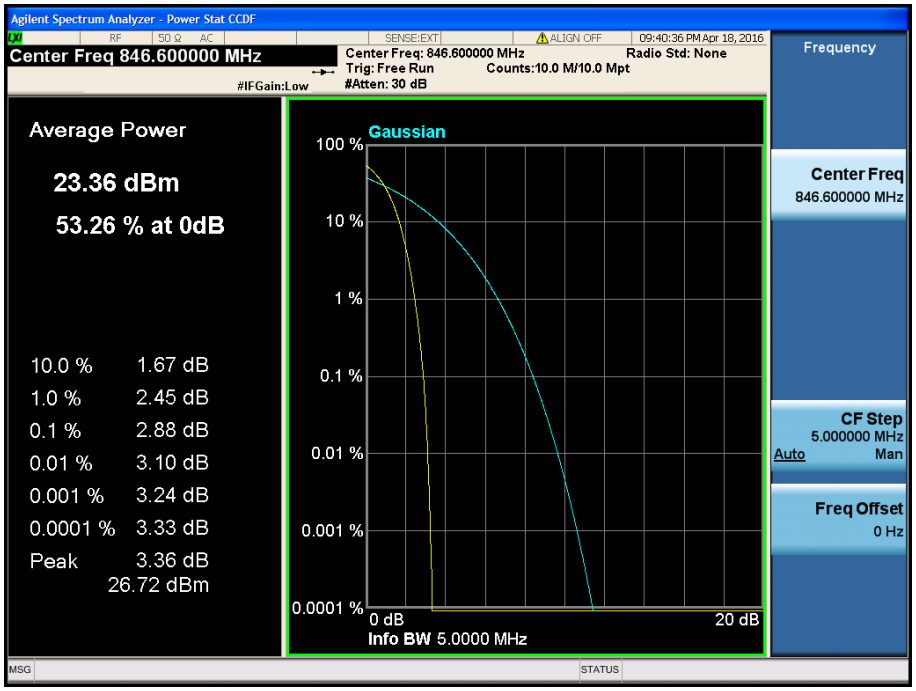
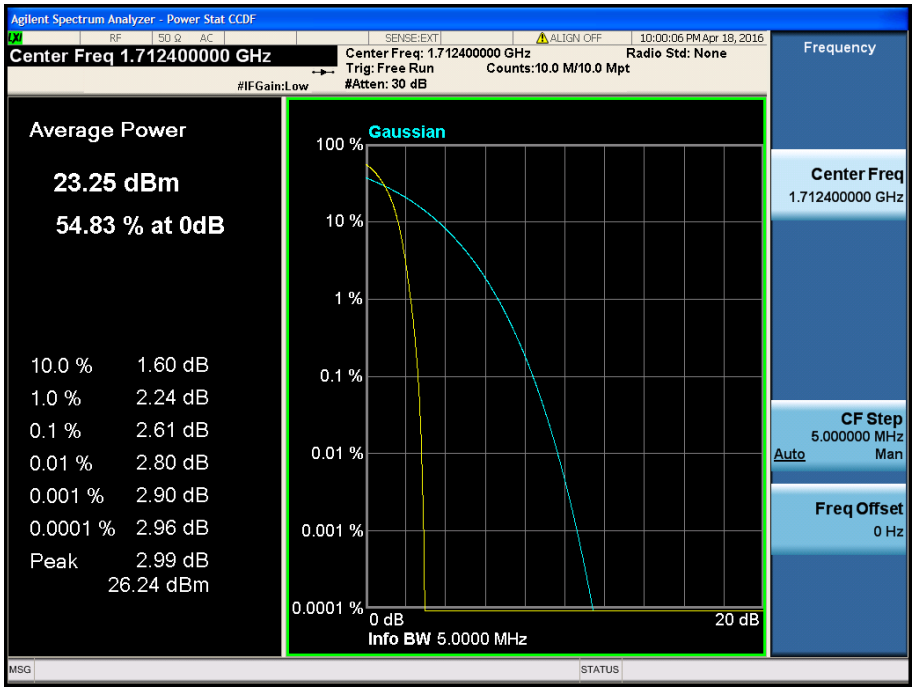
2.2.1.1.3 Test Channel = HCH



2.2.2 Test Band = WCDMA 1700

2.2.2.1 Test Mode = WCDMA /TM1

2.2.2.1.1 Test Channel = LCH



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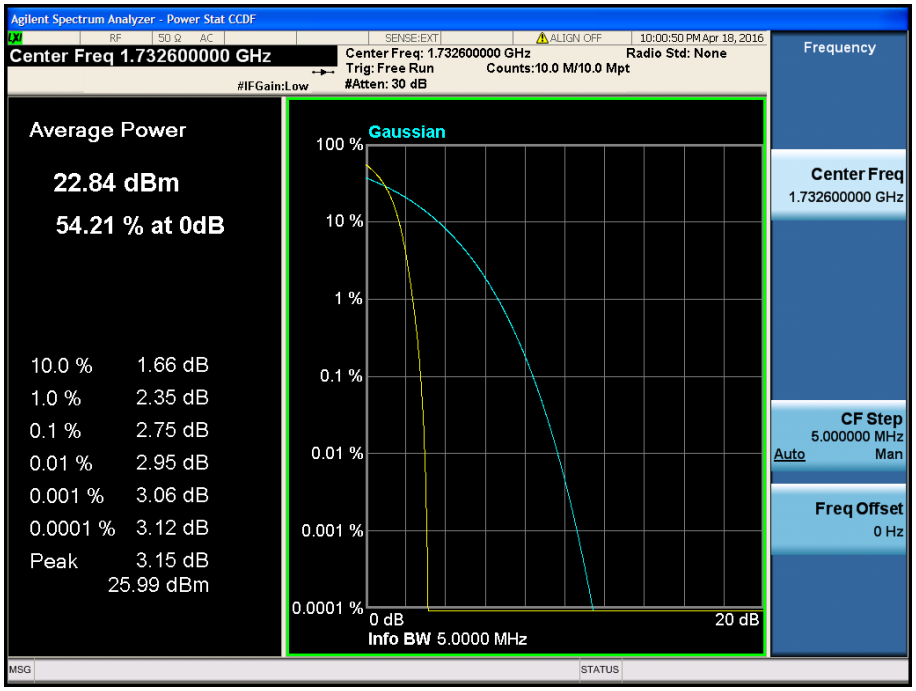
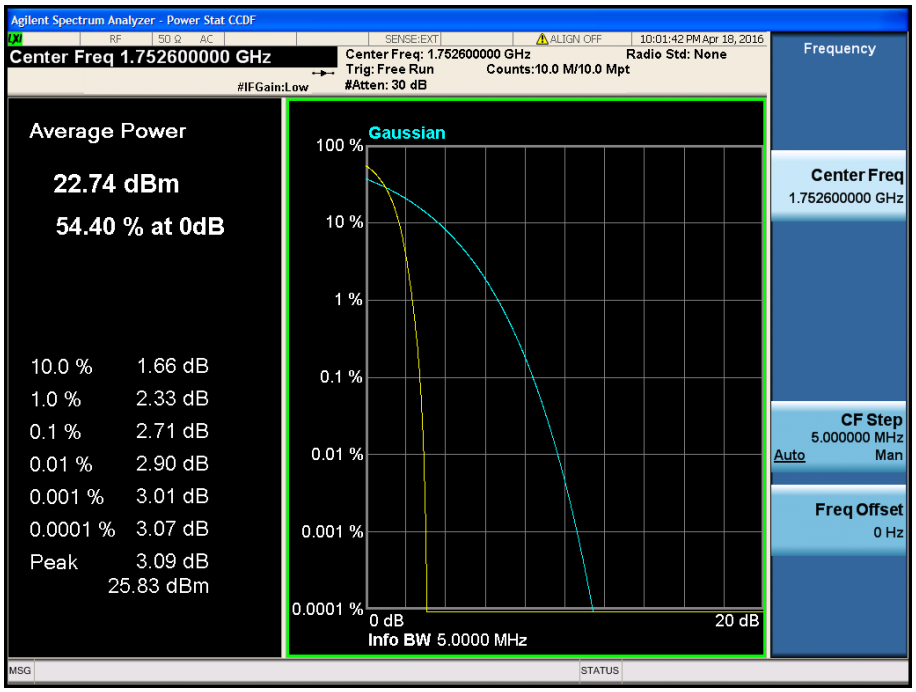
2.2.2.1.2 Test Channel = MCH



2.2.2.1.3 Test Channel = HCH



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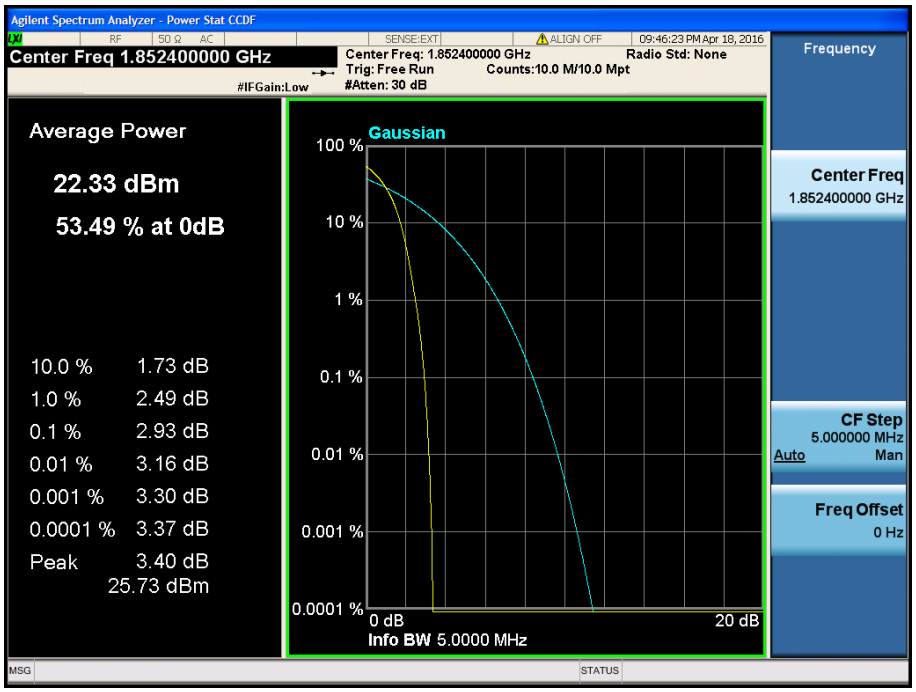
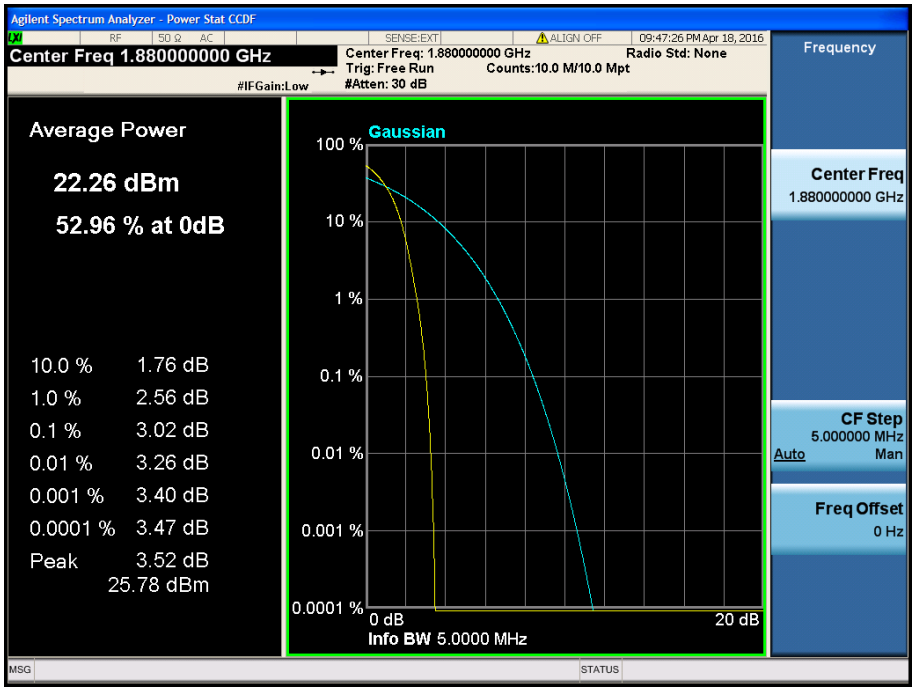
2.2.3 Test Band = WCDMA 1900

2.2.3.1 Test Mode = WCDMA /TM1

2.2.3.1.1 Test Channel = LCH



2.2.3.1.2 Test Channel = MCH



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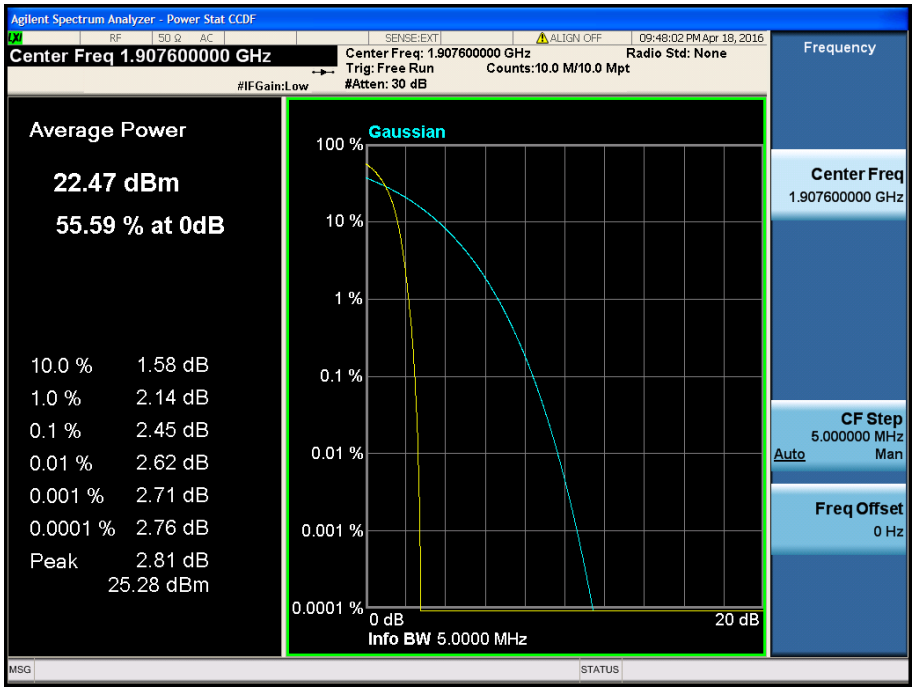
2.2.3.1.3 Test Channel = HCH

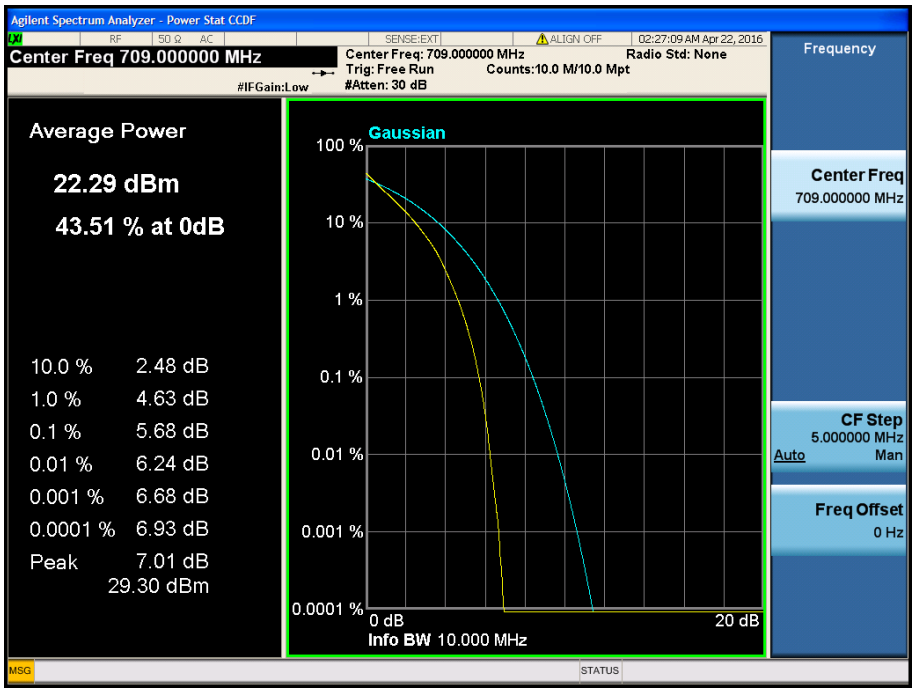


2.3 For LTE

2.3.1 Test Band = LTE 700

2.3.1.1 Test Mode = LTE/TM1.Bandwidth=10MHz

2.3.1.1.1 Test Channel = LCH



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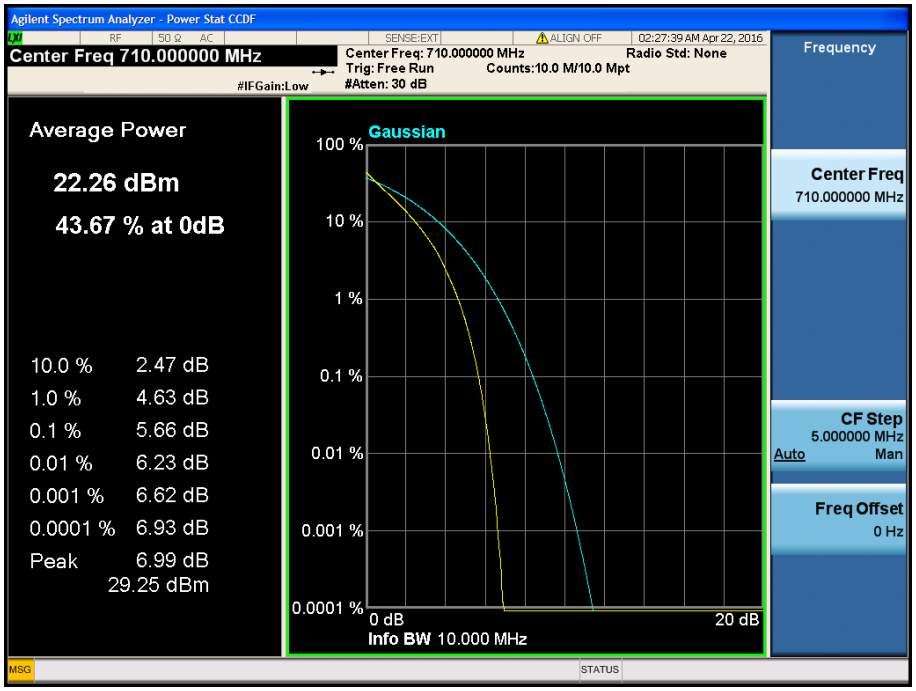
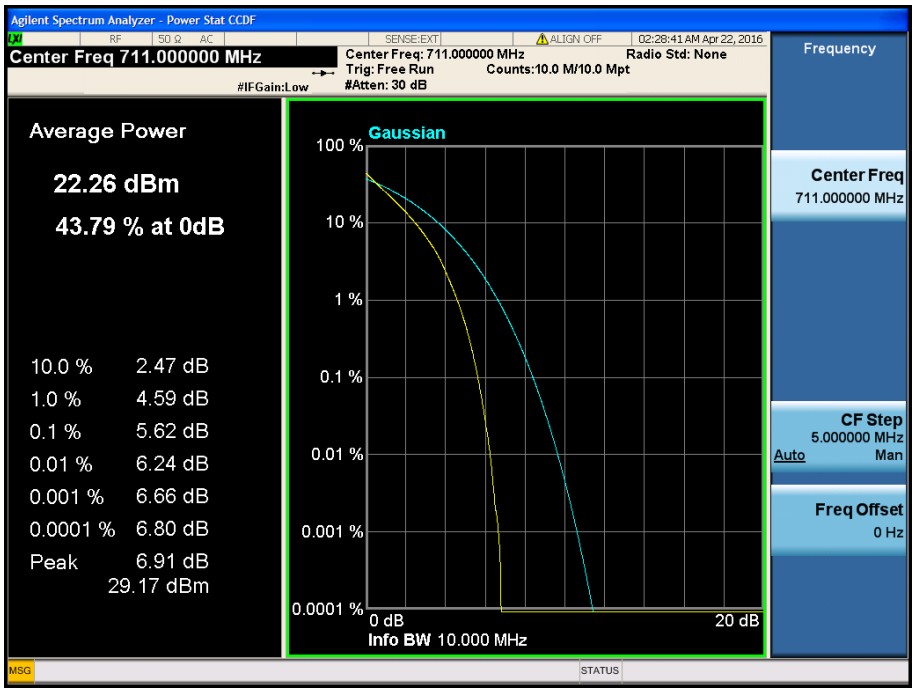
2.3.1.1.2 Test Channel = MCH



2.3.1.1.3 Test Channel = HCH



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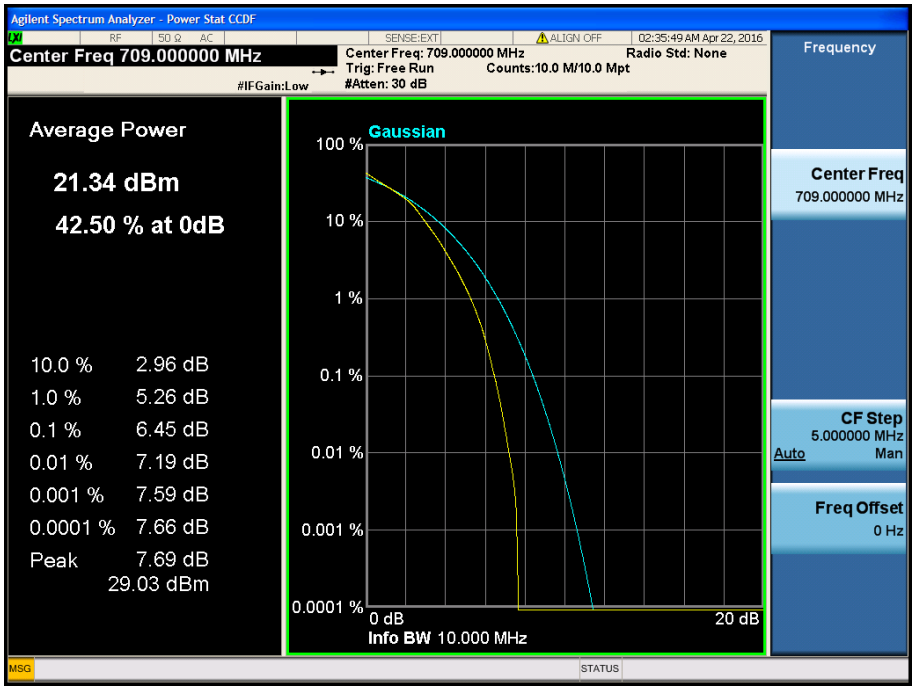
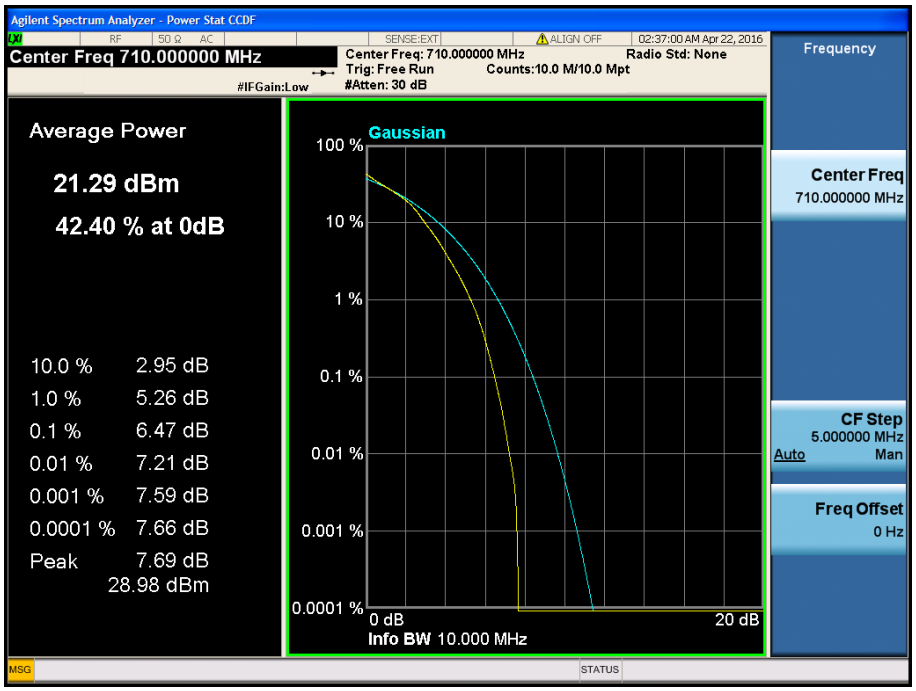
2.3.1.2 Test Mode = LTE/TM2.Bandwidth=10MHz

2.3.1.2.1 Test Channel = LCH



2.3.1.2.2 Test Channel = MCH



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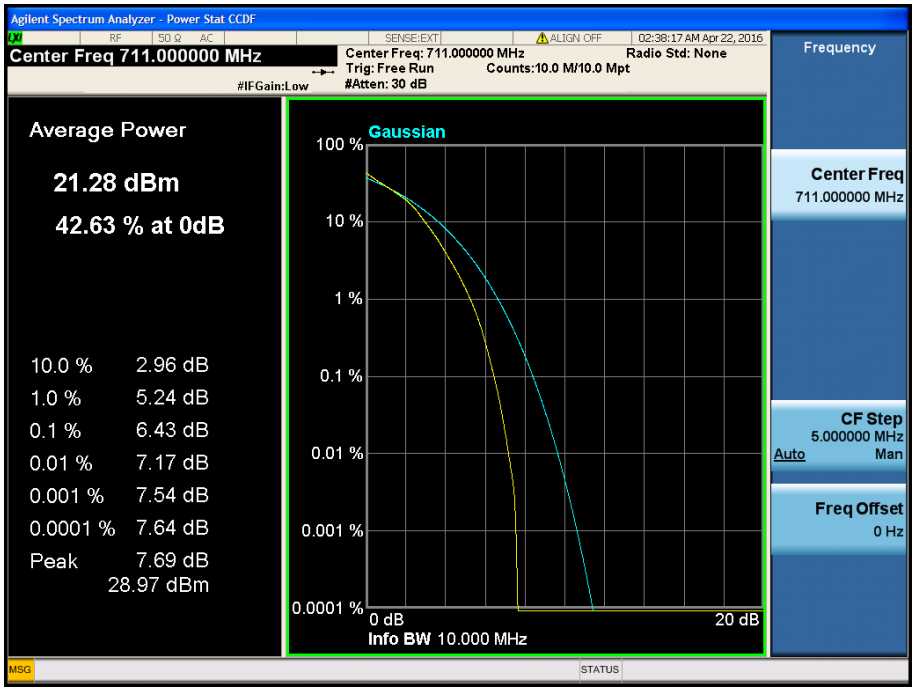
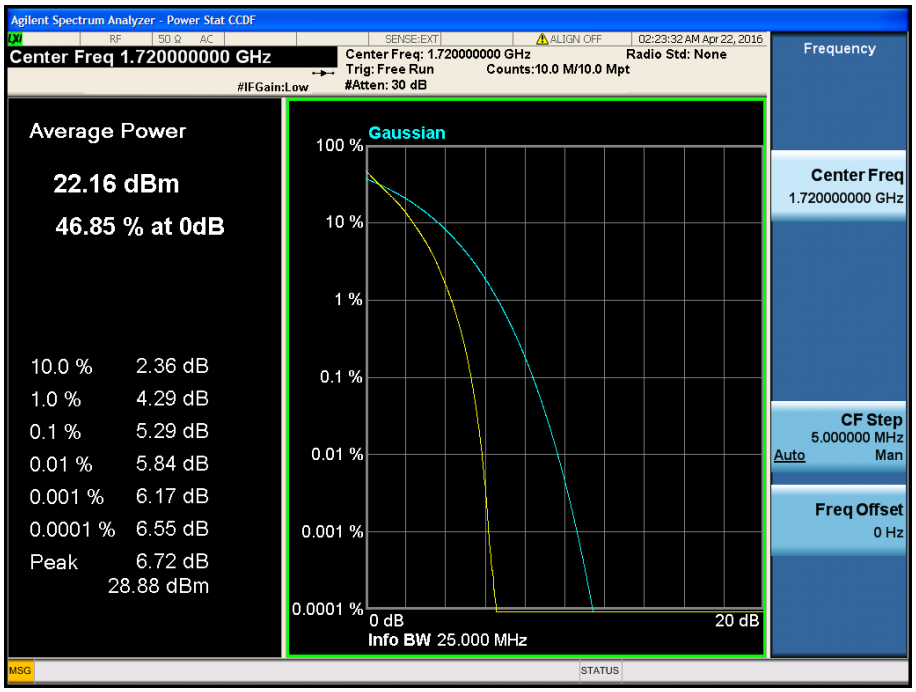
2.3.1.2.3 Test Channel = HCH



2.3.2 Test Band = LTE 1700.Bandwidth=20MHz

2.3.2.1 Test Mode = LTE/TM1

2.3.2.1.1 Test Channel = LCH



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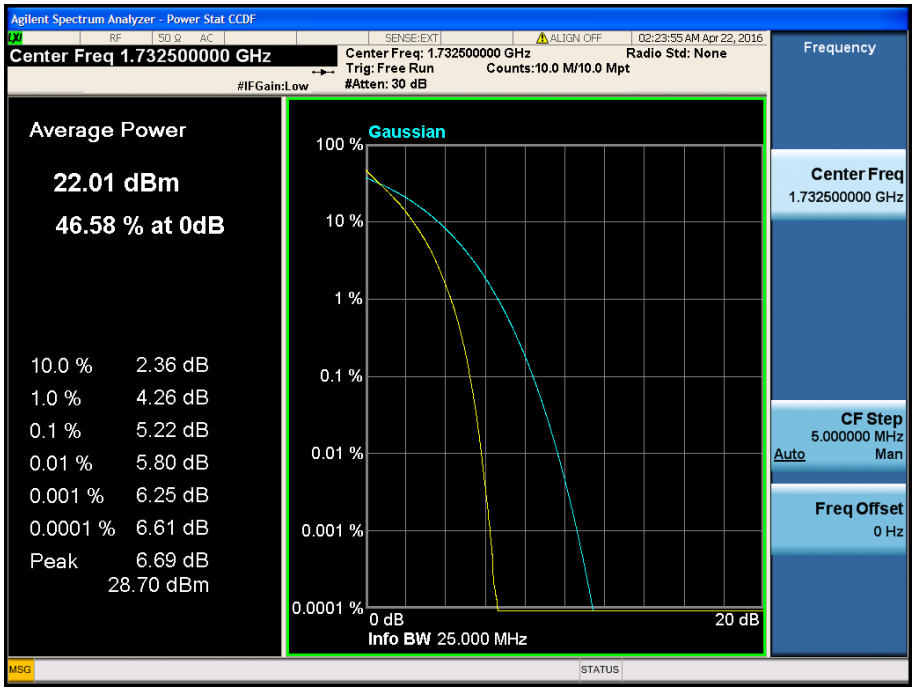
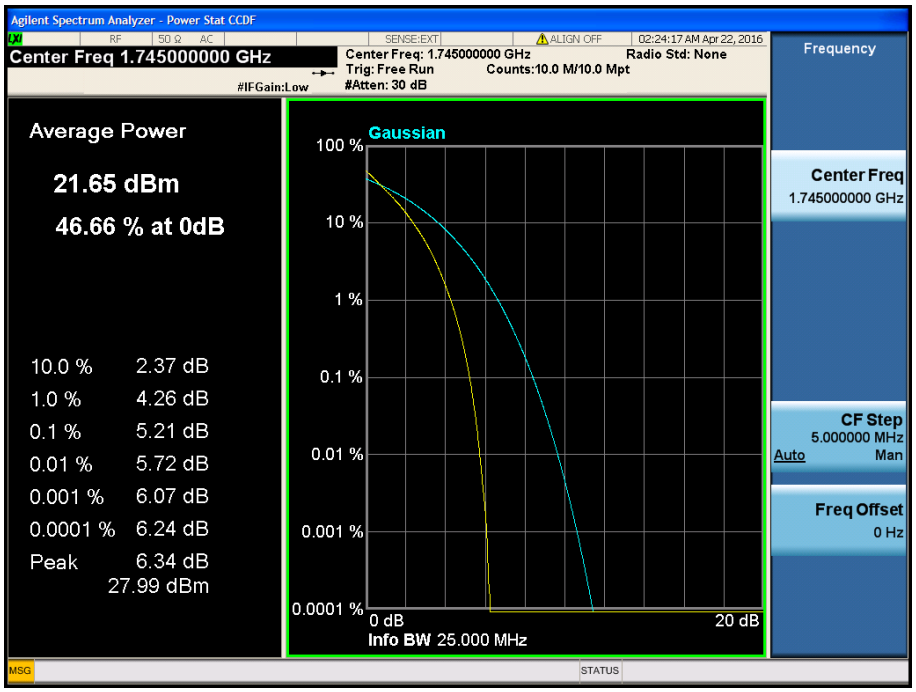
2.3.2.1.2 Test Channel = MCH



2.3.2.1.3 Test Channel = HCH



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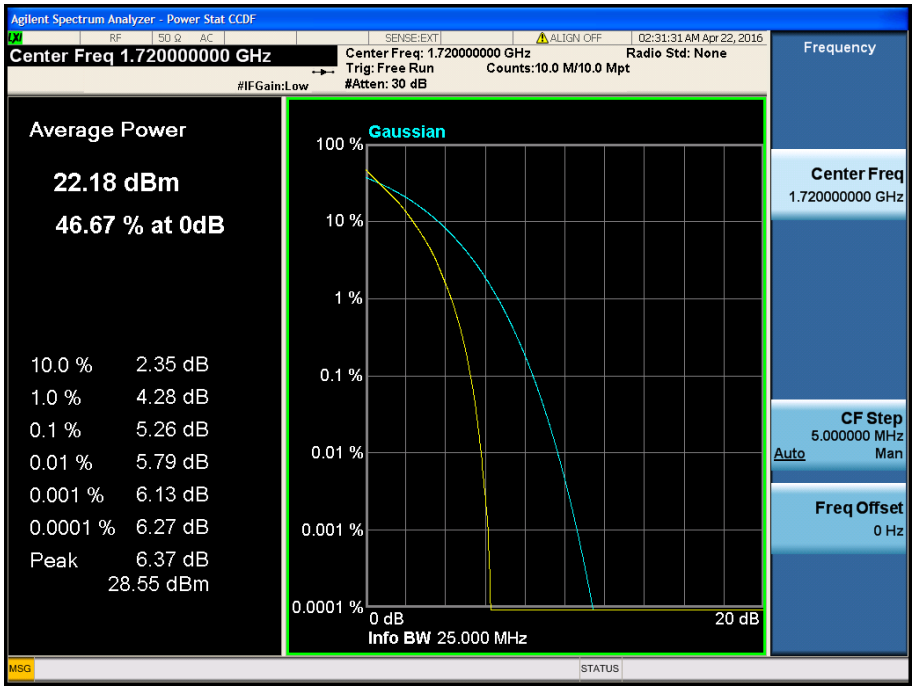
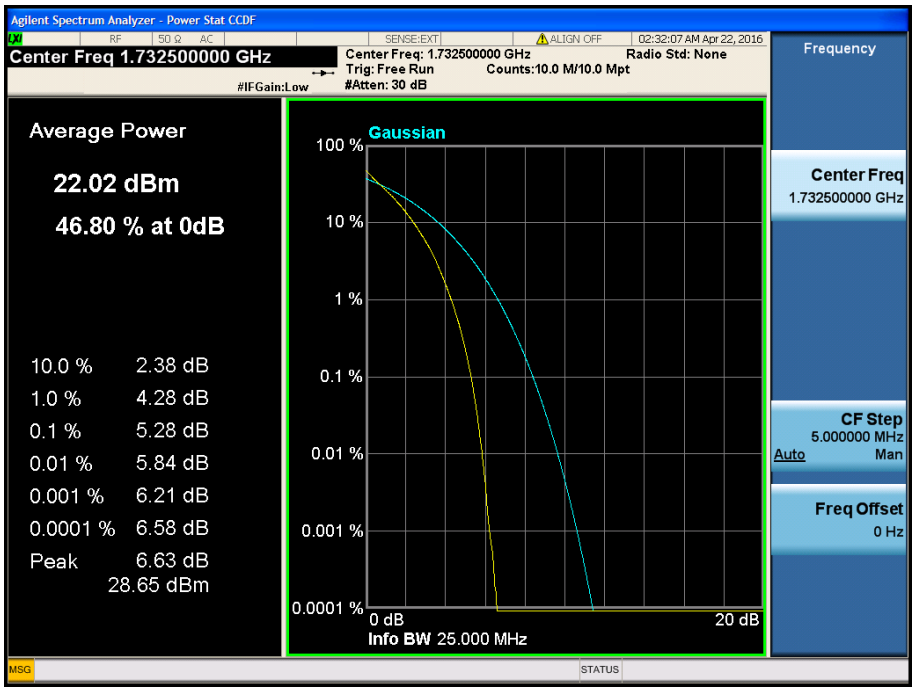
2.3.2.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.3.2.2.1 Test Channel = LCH



2.3.2.2.2 Test Channel = MCH



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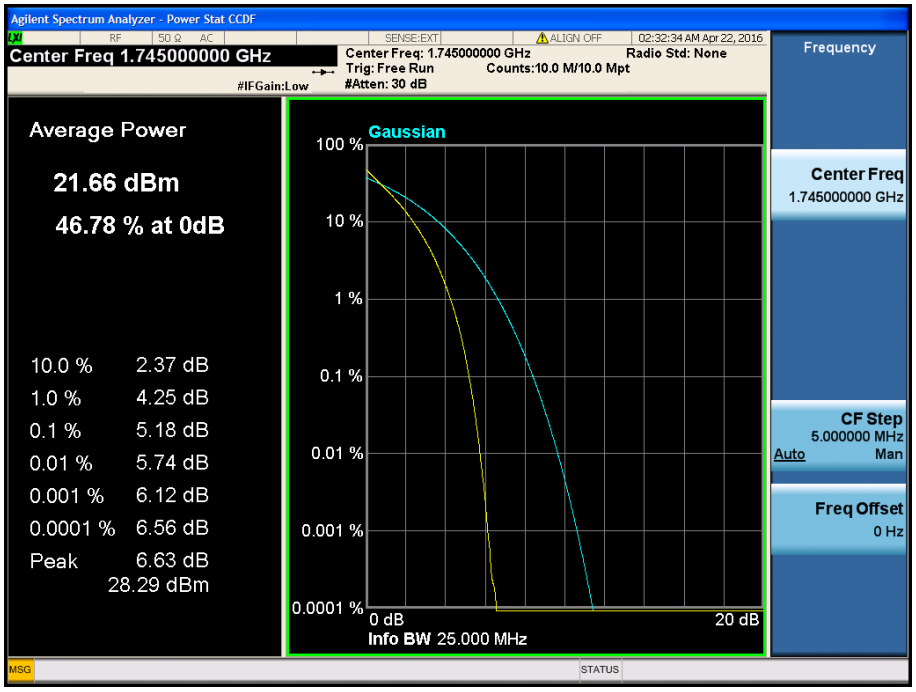
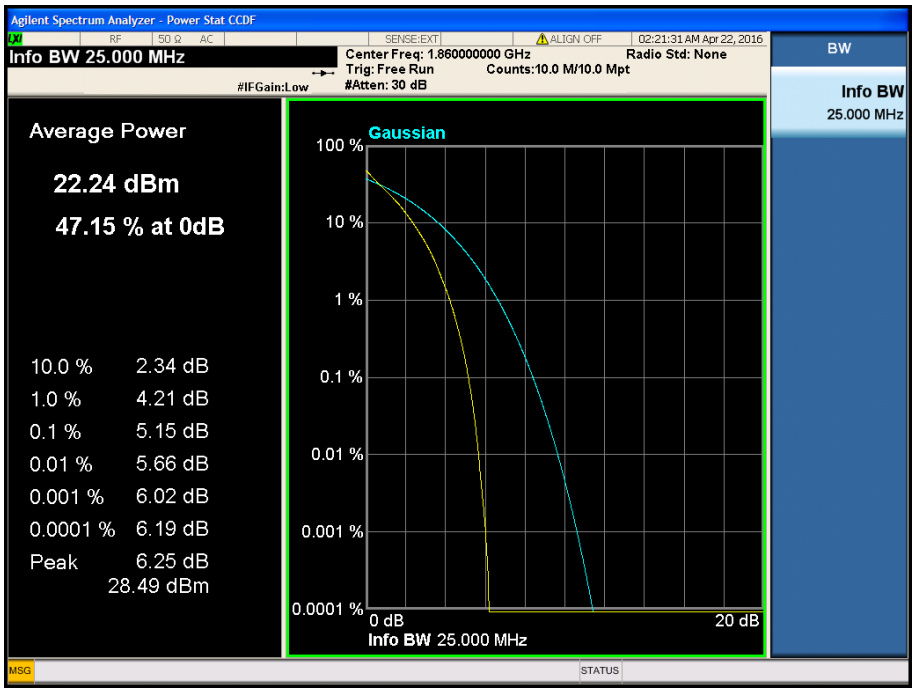
2.3.2.2.3 Test Channel = HCH



2.3.3 Test Band = LTE 1900.Bandwidth=20MHz

2.3.3.1 Test Mode = LTE/TM1

2.3.3.1.1 Test Channel = LCH



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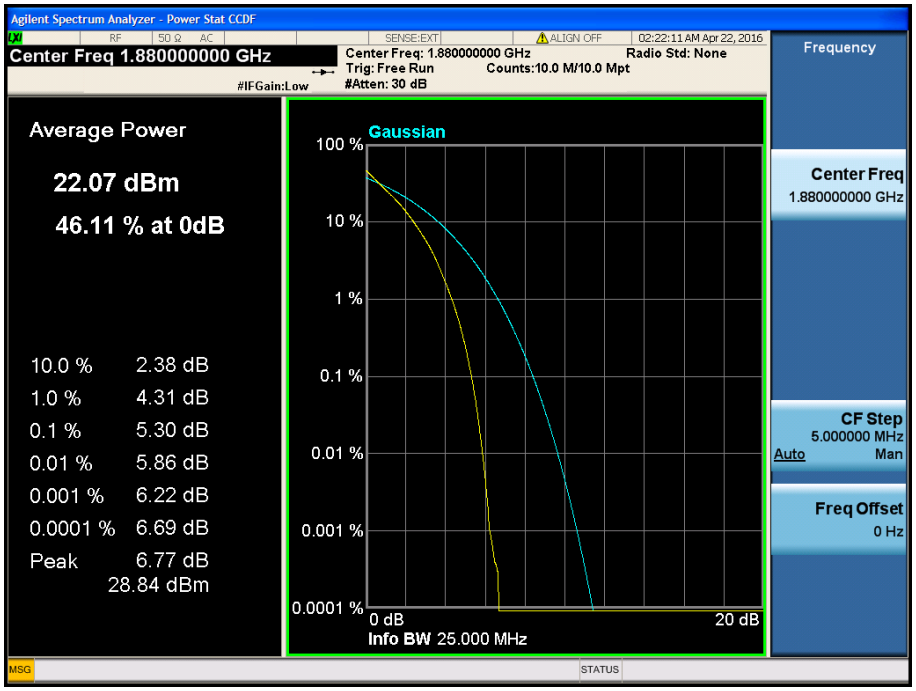
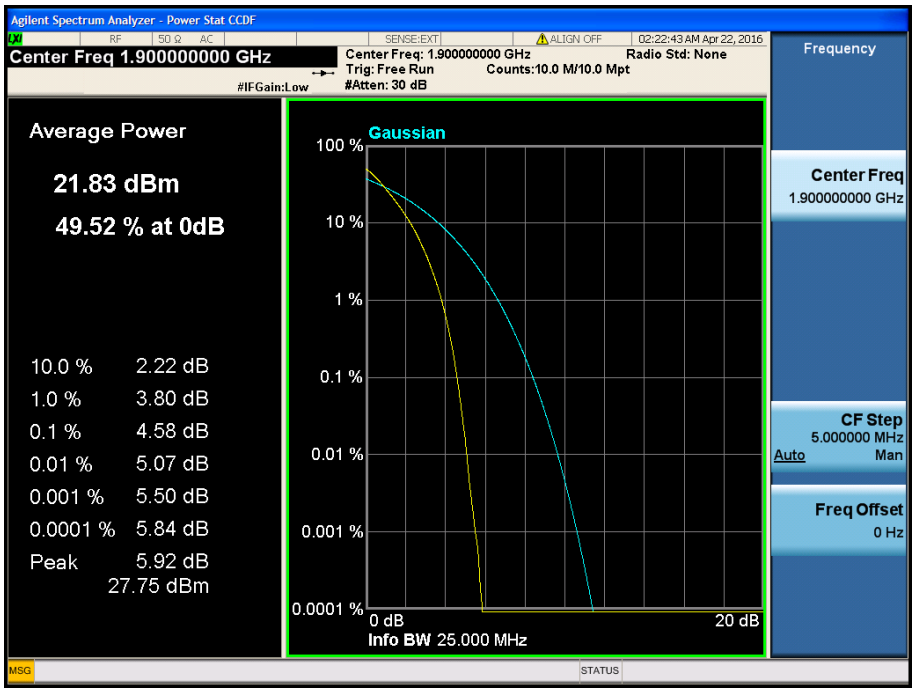
2.3.3.1.2 Test Channel = MCH



2.3.3.1.3 Test Channel = HCH



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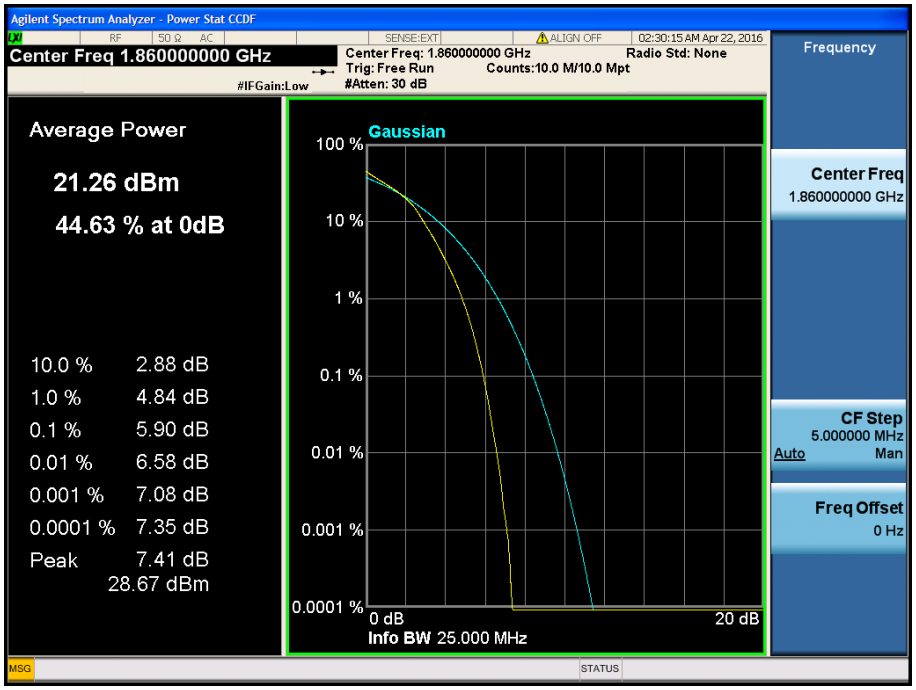
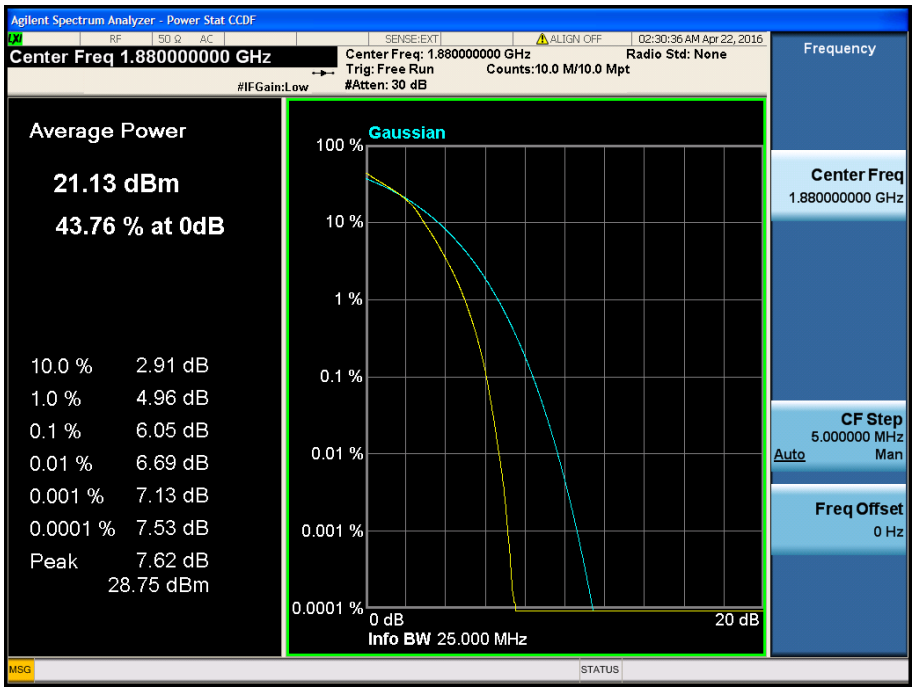
2.3.3.2 Test Mode = LTE/TM2

2.3.3.2.1 Test Channel = LCH



2.3.3.2.2 Test Channel = MCH



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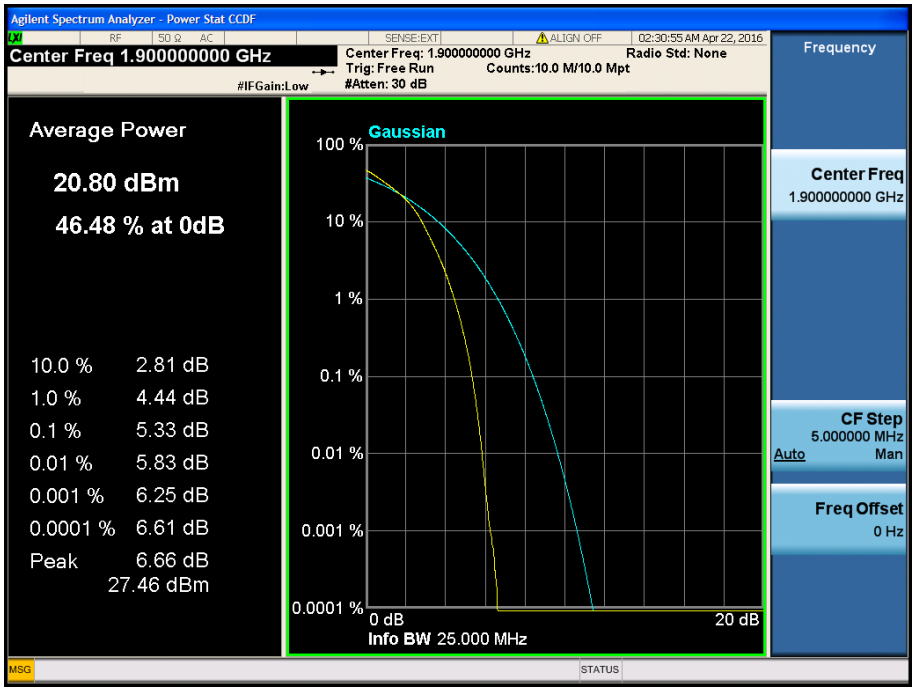
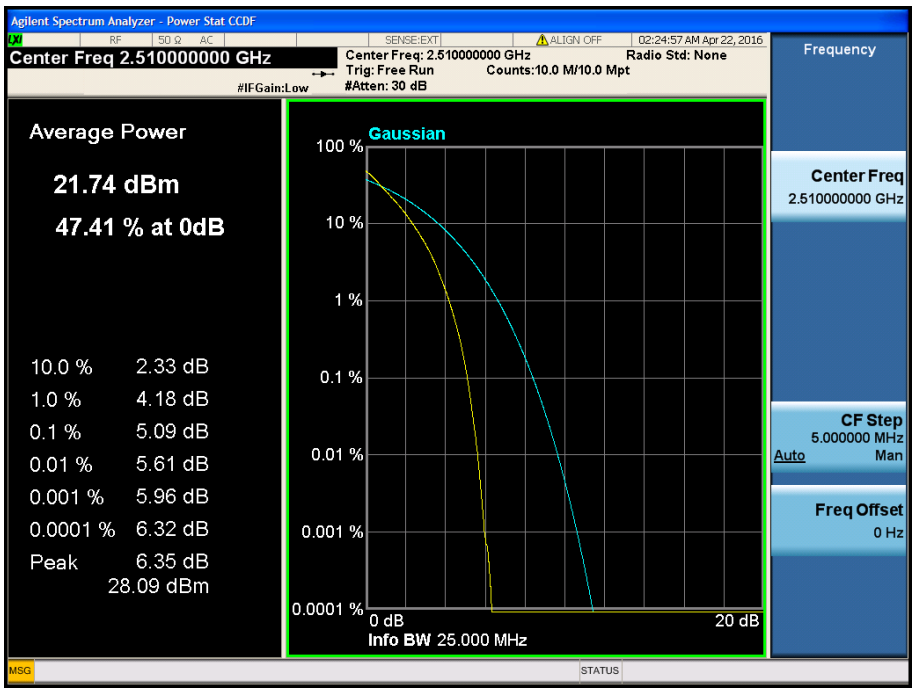
2.3.3.2.3 Test Channel = HCH



2.3.4 Test Band = LTE 2600.Bandwidth=20MHz

2.3.4.1 Test Mode = LTE/TM1

2.3.4.1.1 Test Channel = LCH



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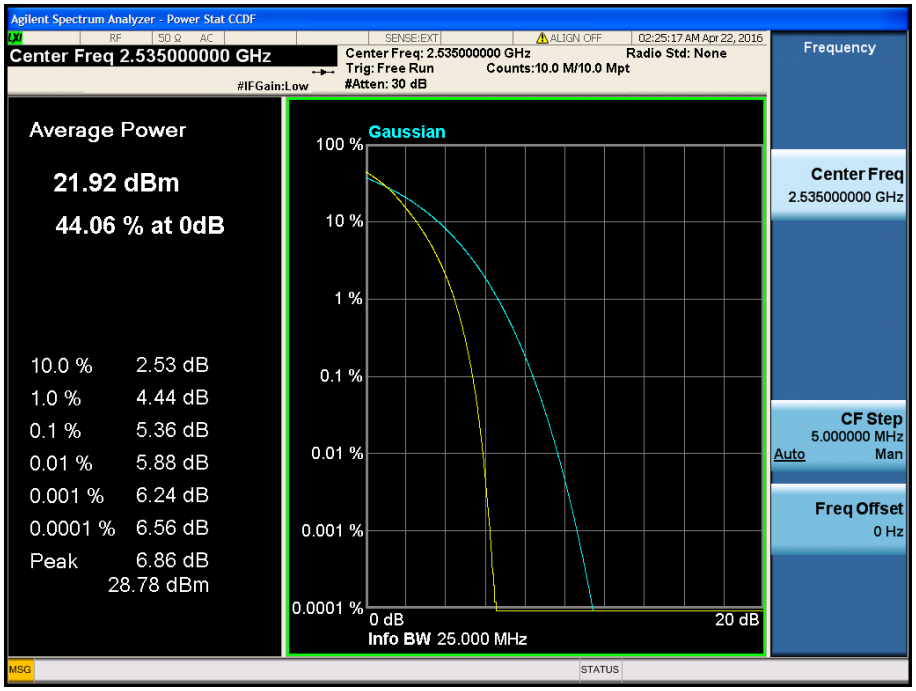
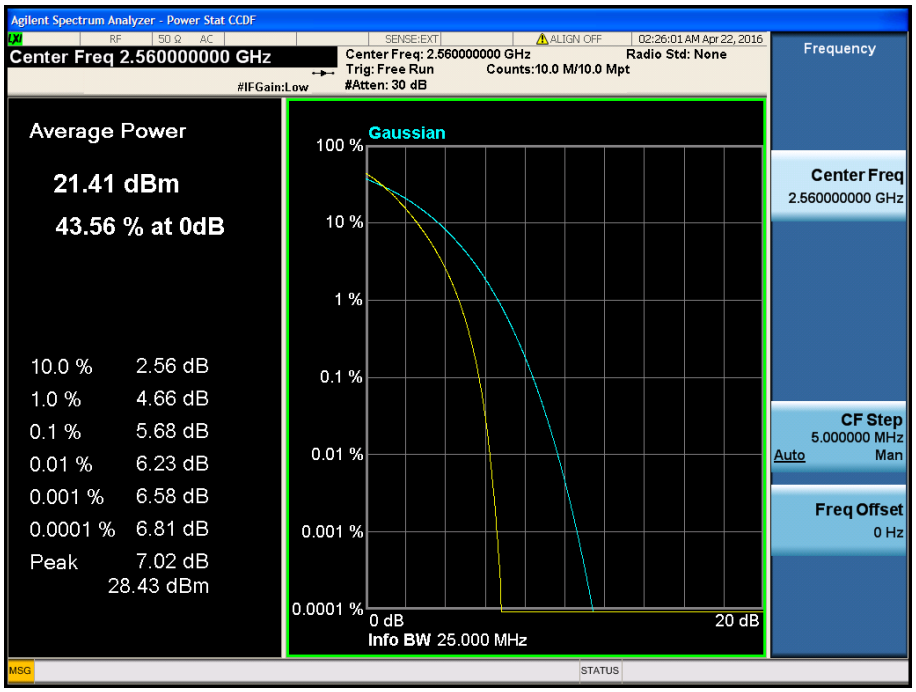
2.3.4.1.2 Test Channel = MCH



2.3.4.1.3 Test Channel = HCH



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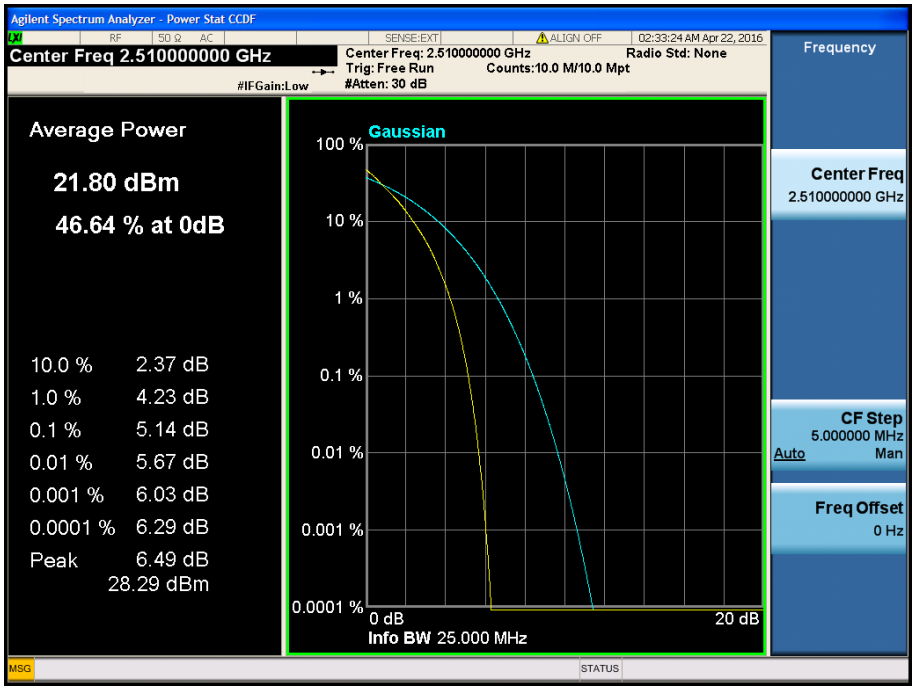
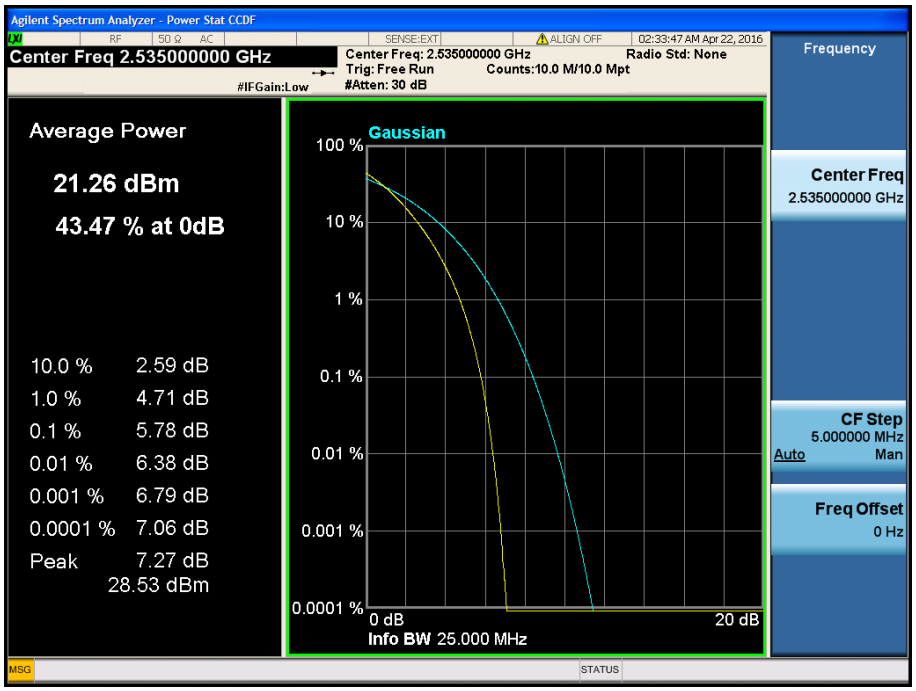
2.3.4.2 Test Mode = LTE/TM2.Bandwidth=20MHz

2.3.4.2.1 Test Channel = LCH



2.3.4.2.2 Test Channel = MCH



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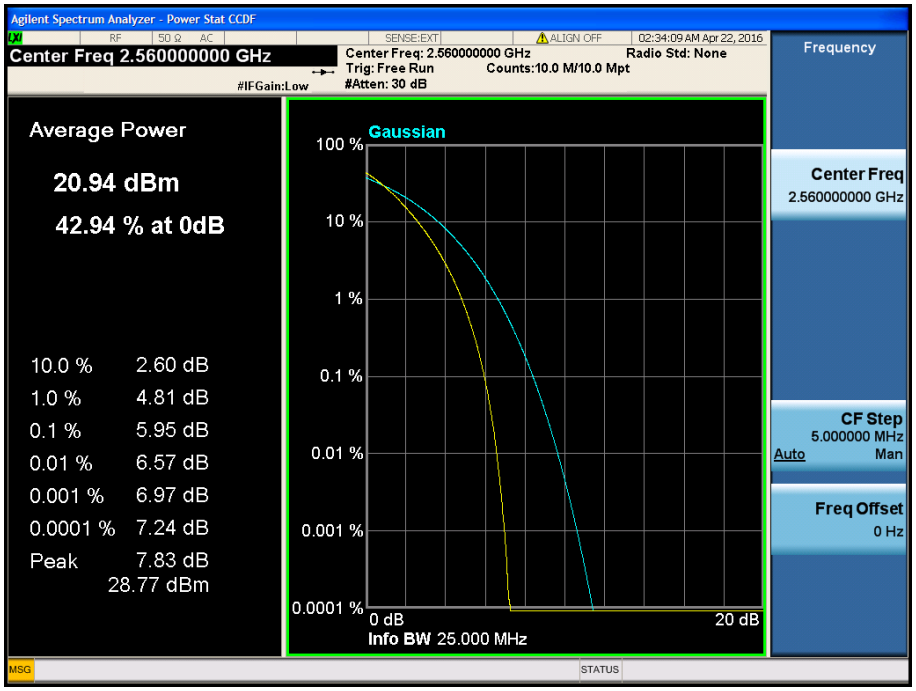
2.3.4.2.3 Test Channel = HCH



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3 Modulation Characteristics

Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH

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3.1.2 Test Band = GSM1900

3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH

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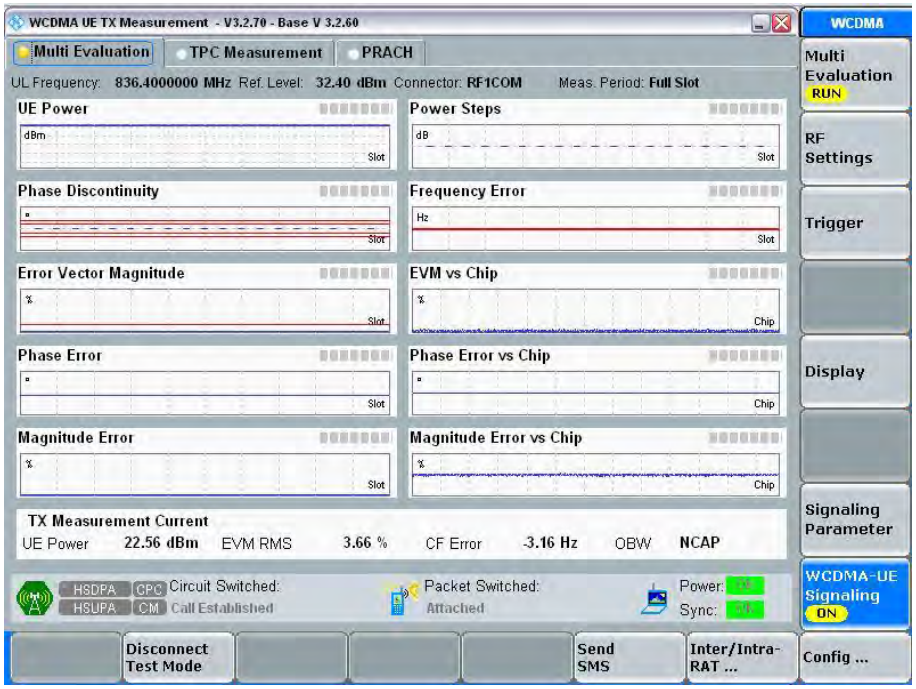
3.2 For WCDMA

3.2.1 Test Band = WCDMA 850

3.2.1.1 Test Mode = WCDMA /TM1

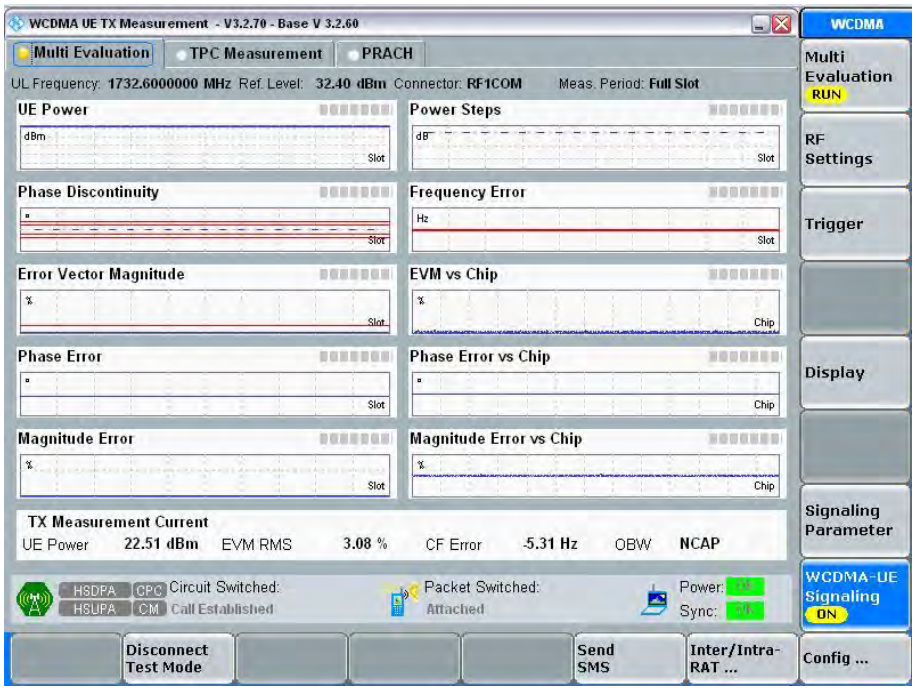
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = WCDMA 1700

3.2.2.1 Test Mode = WCDMA /TM1

3.2.2.1.1 Test Channel = MCH



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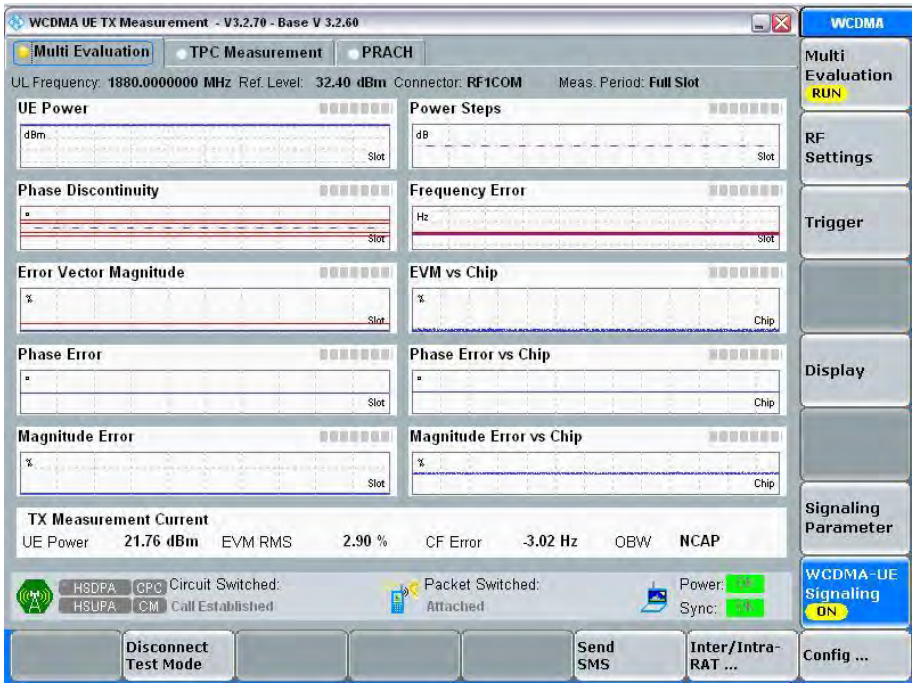
3.2.3 Test Band = WCDMA 1900

3.2.3.1 Test Mode = WCDMA /TM1

3.2.3.1.1 Test Channel = MCH



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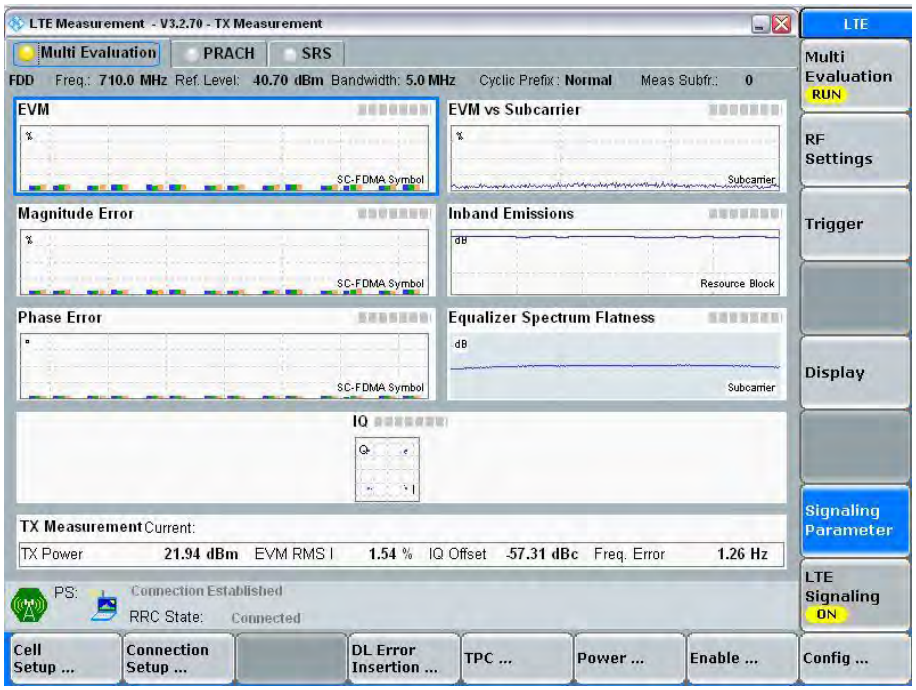
3.3 For LTE

3.3.1 Test Band = LTE 750

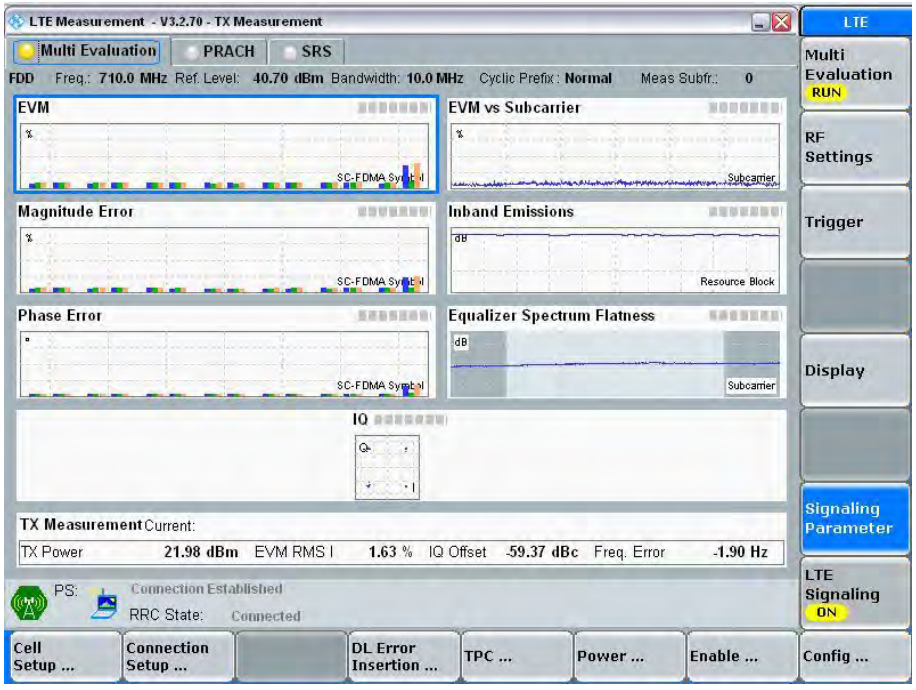
3.3.1.1 Test Mode = LTE /TM1 5MHz

3.3.1.1.1 Test Channel = MCH



3.3.1.2 Test Mode = LTE /TM1 10MHz

3.3.1.2.1 Test Channel = MCH



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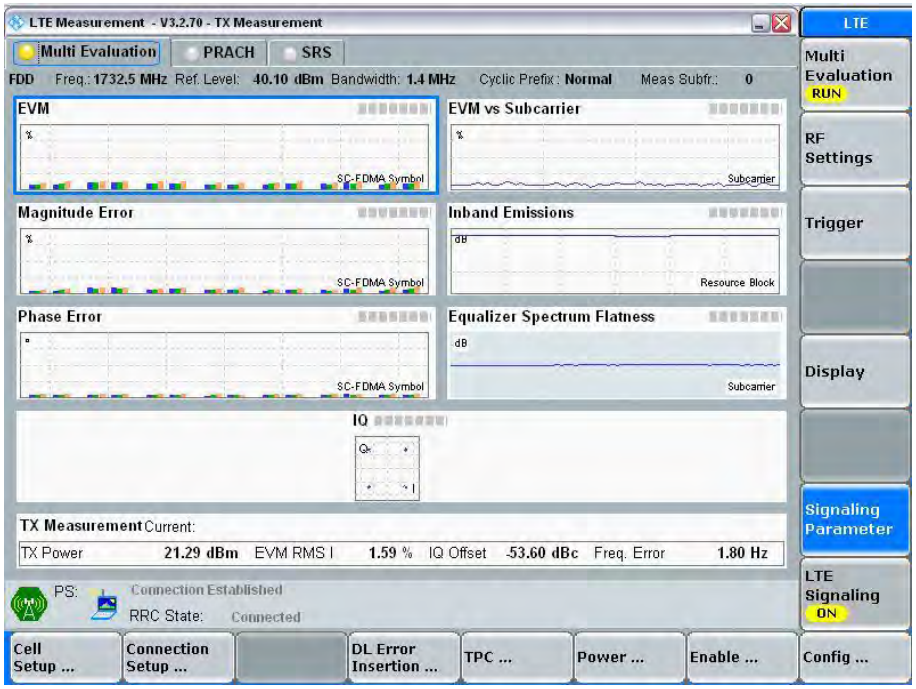
3.3.2 Test Band = LTE 1700

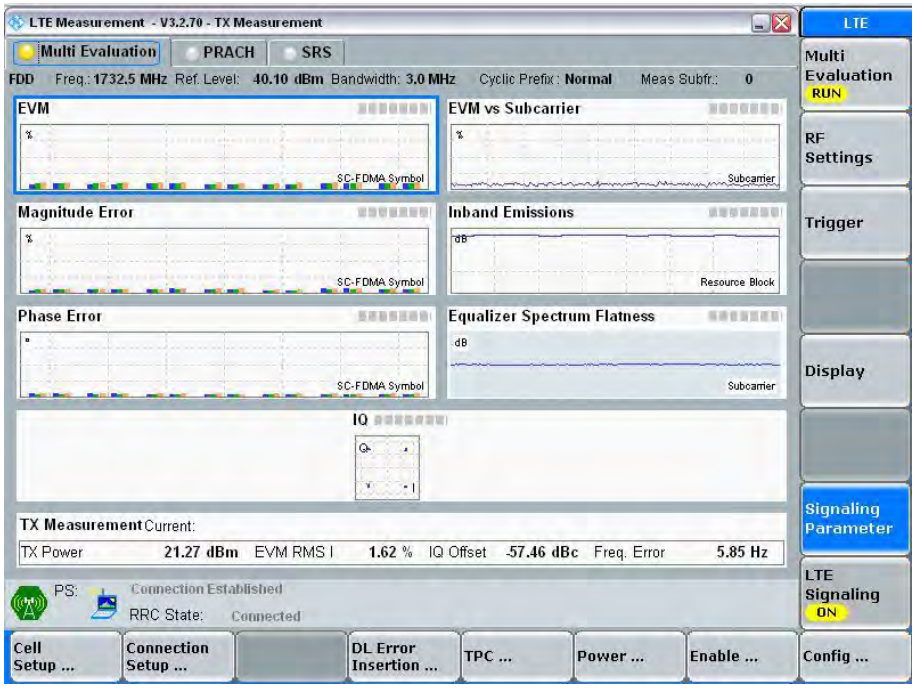
3.3.2.1 Test Mode = LTE /TM1 1.4MHz

3.3.2.1.1 Test Channel = MCH



3.3.2.2 Test Mode = LTE /TM1 3MHz

3.3.2.2.1 Test Channel = MCH



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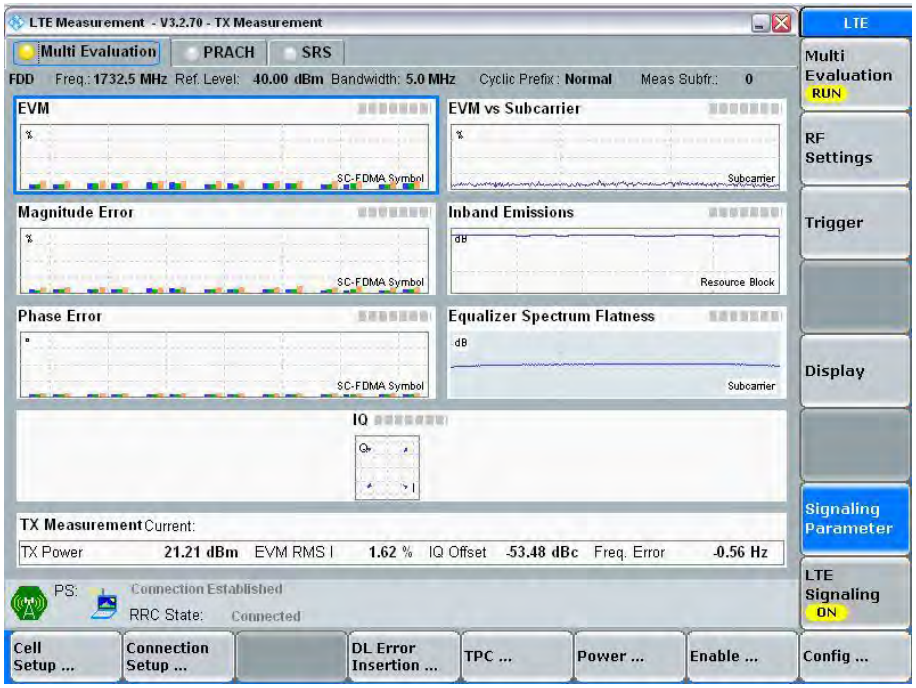
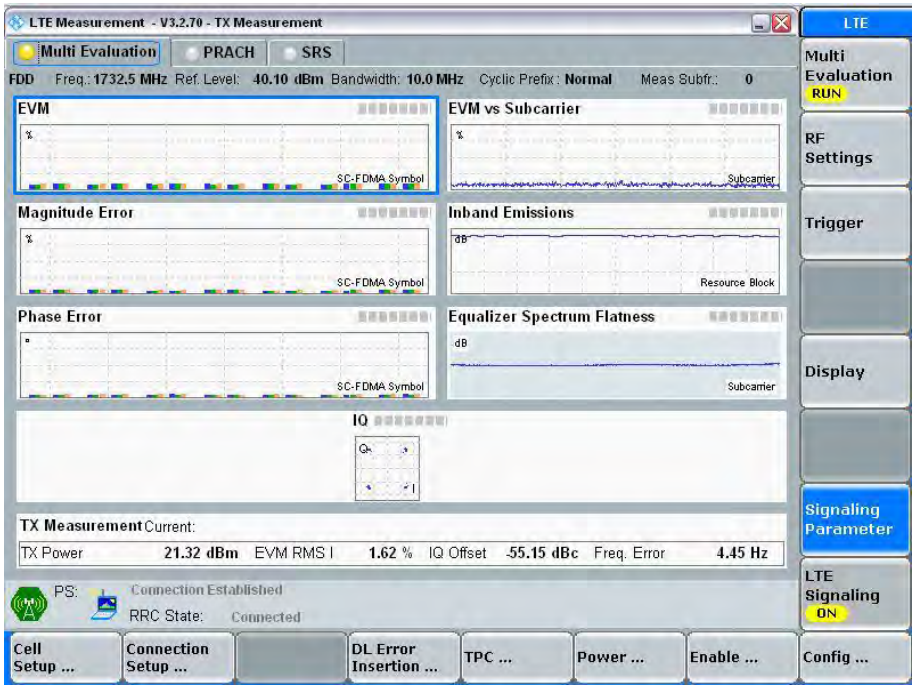
3.3.2.3 Test Mode = LTE /TM1 5MHz

3.3.2.3.1 Test Channel = MCH



3.3.2.4 Test Mode = LTE /TM1 10MHz

3.3.2.4.1 Test Channel = MCH



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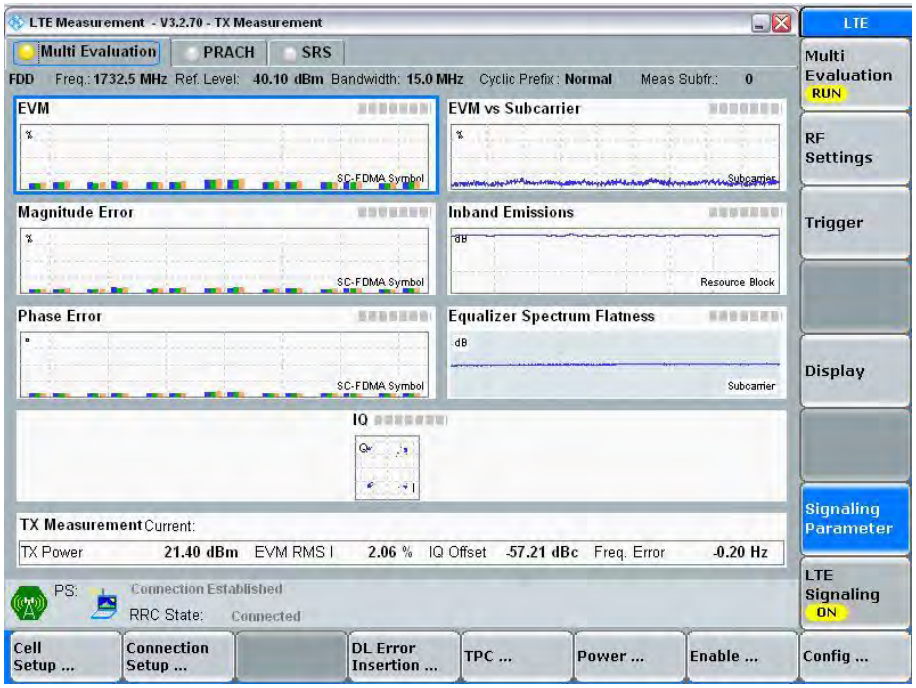
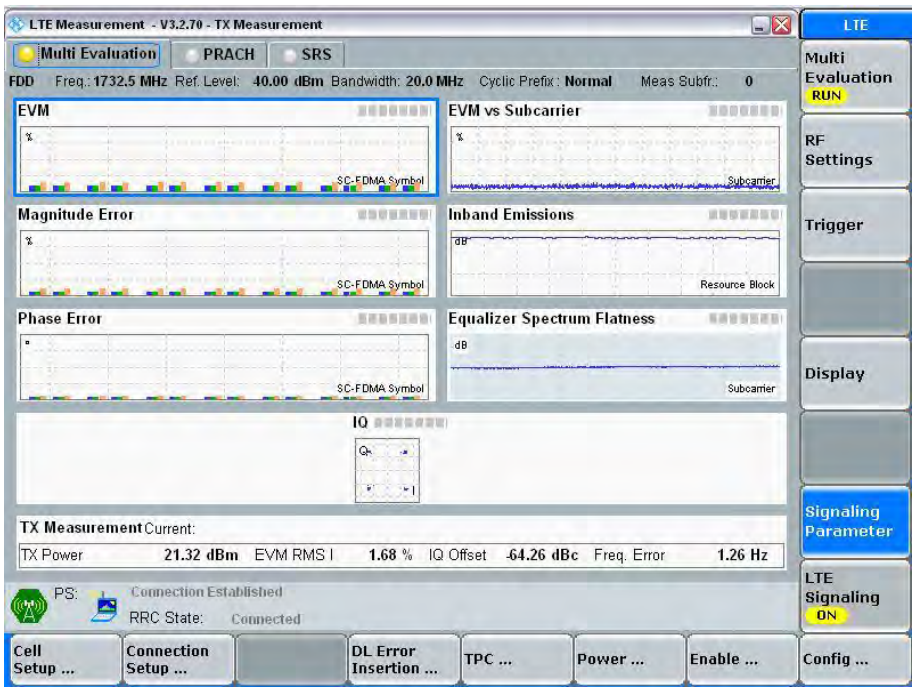
3.3.2.5 Test Mode = LTE /TM1 15MHz

3.3.2.5.1 Test Channel = MCH



3.3.2.6 Test Mode = LTE /TM1 20MHz

3.3.2.6.1 Test Channel = MCH



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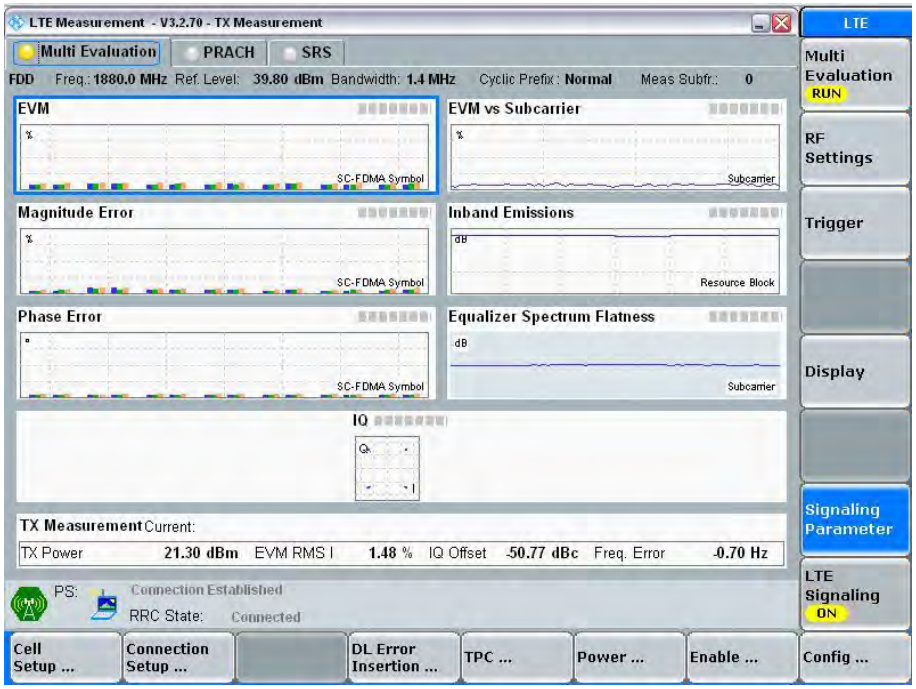
3.3.3 Test Band = LTE 1900

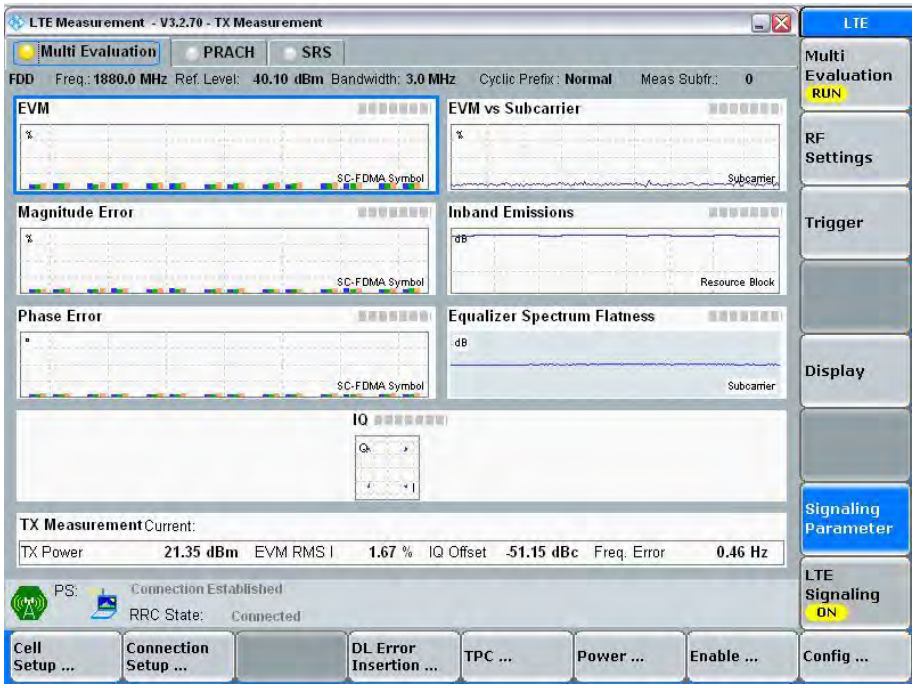
3.3.3.1 Test Mode = LTE /TM1 1.4MHz

3.3.3.1.1 Test Channel = MCH



3.3.3.2 Test Mode = LTE /TM1 3MHz

3.3.3.2.1 Test Channel = MCH



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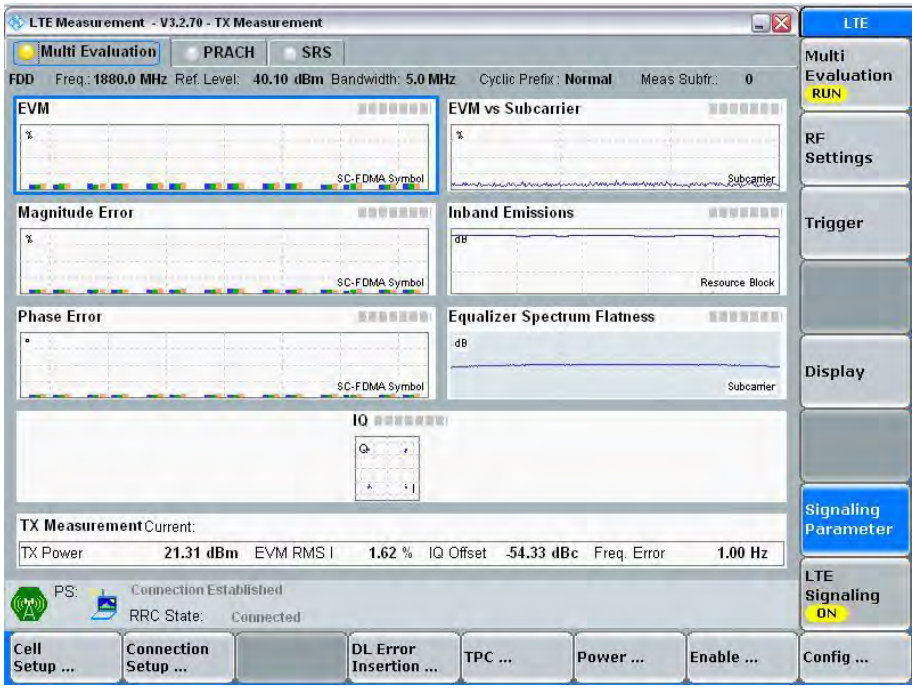
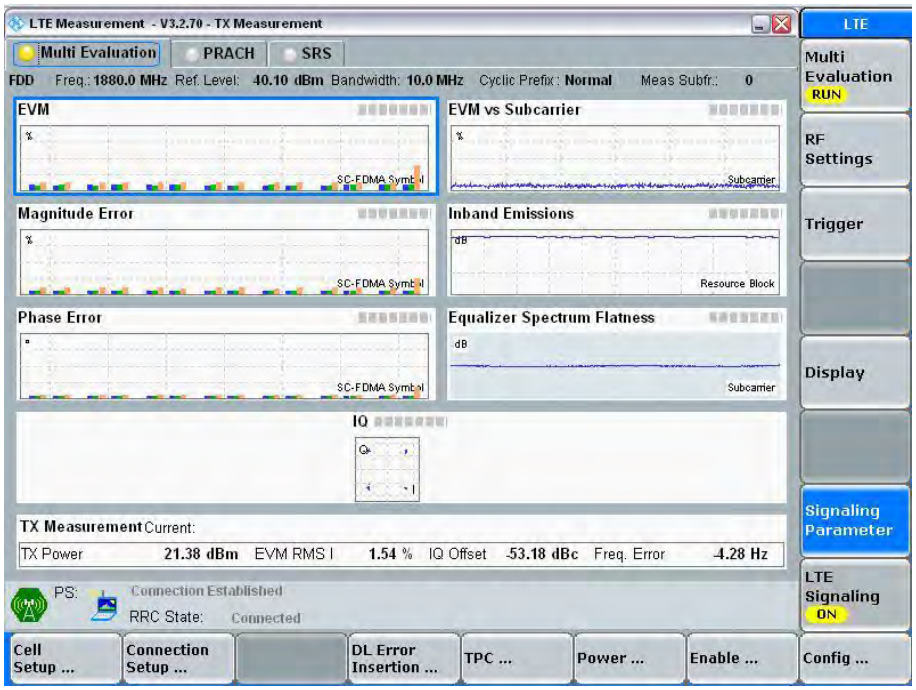
3.3.3.3 Test Mode = LTE /TM1 5MHz

3.3.3.3.1 Test Channel = MCH



3.3.3.4 Test Mode = LTE /TM1 10MHz

3.3.3.4.1 Test Channel = MCH



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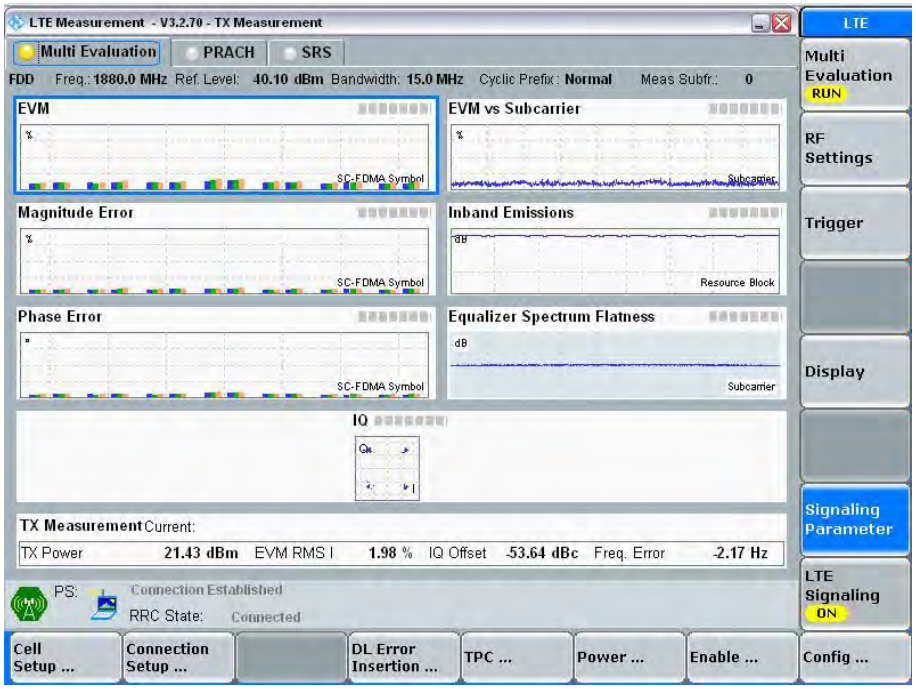
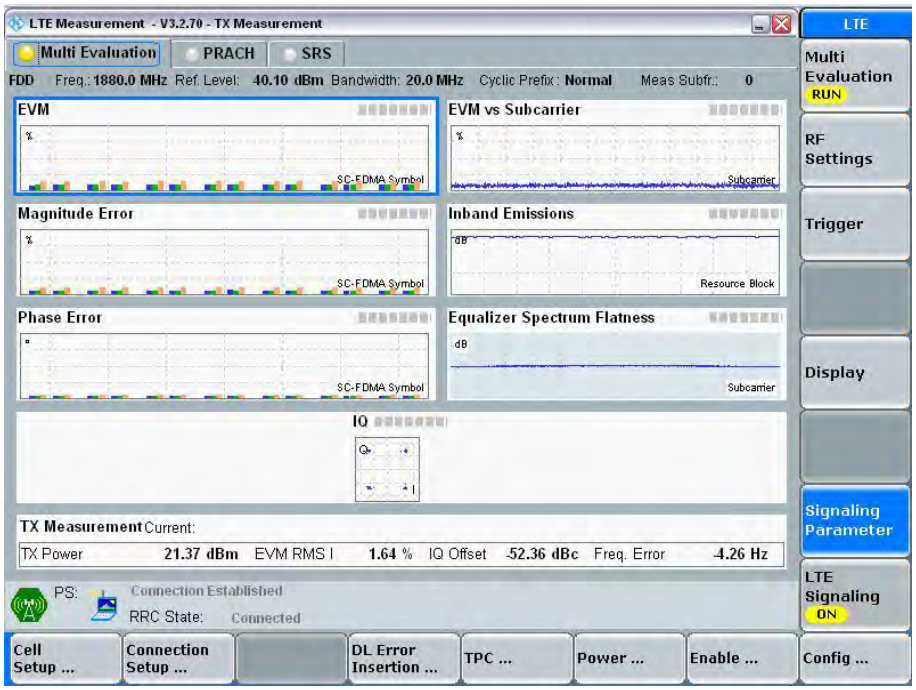
3.3.3.5 Test Mode = LTE /TM1 15MHz

3.3.3.5.1 Test Channel = MCH



3.3.3.6 Test Mode = LTE /TM1 20MHz

3.3.3.6.1 Test Channel = MCH



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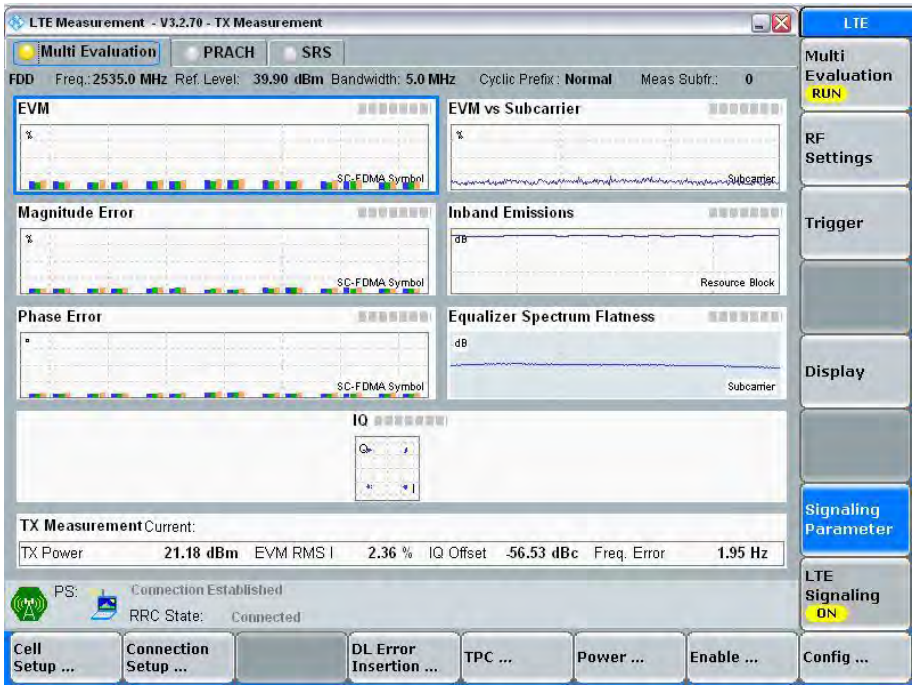
3.3.4 Test Band = LTE 2600

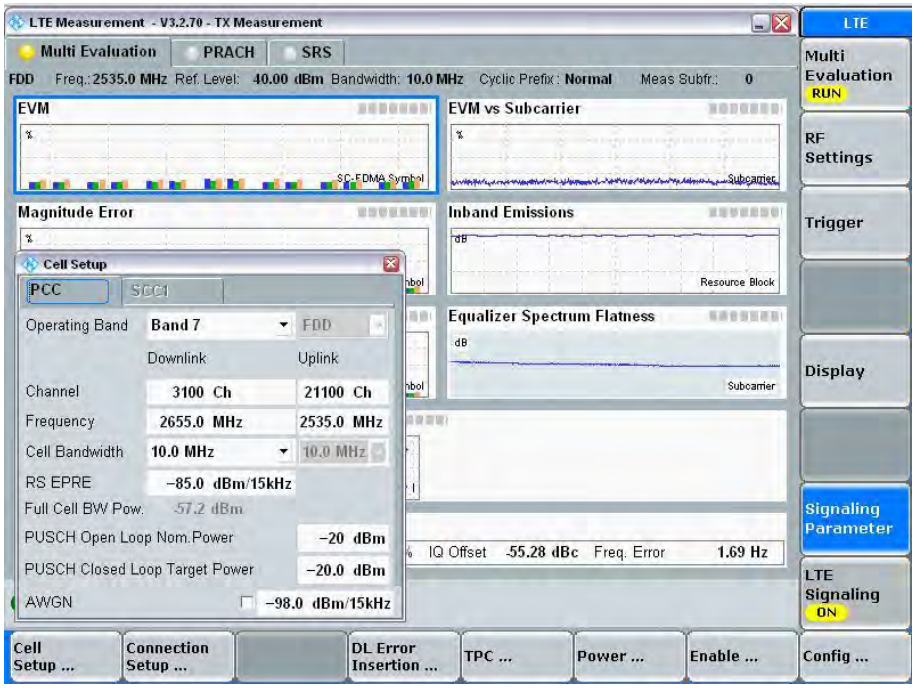
3.3.4.1 Test Mode = LTE /TM1 5MHz

3.3.4.1.1 Test Channel = MCH



3.3.4.2 Test Mode = LTE /TM1 10MHz

3.3.4.2.1 Test Channel = MCH



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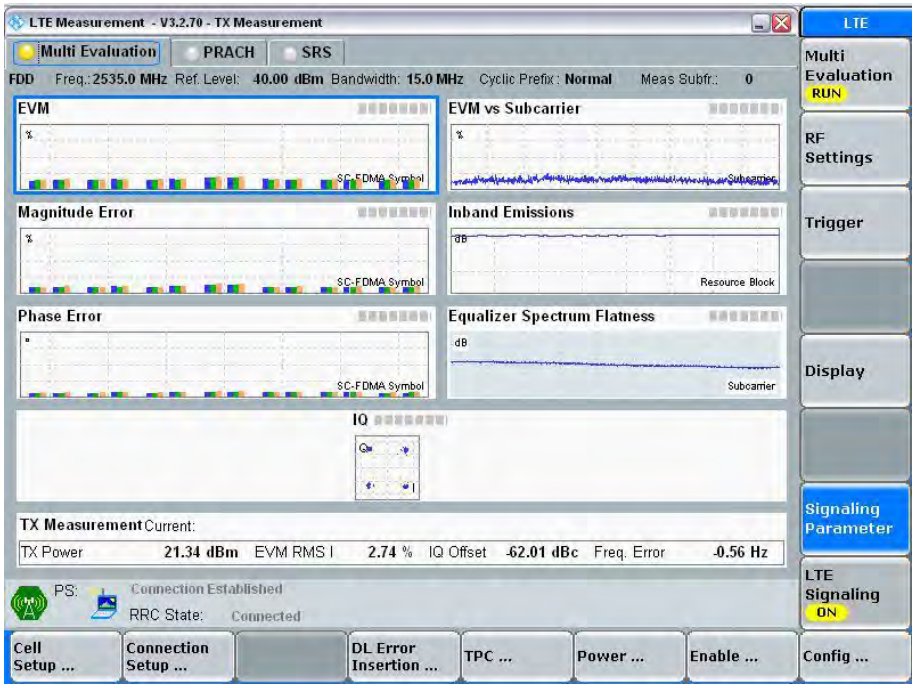
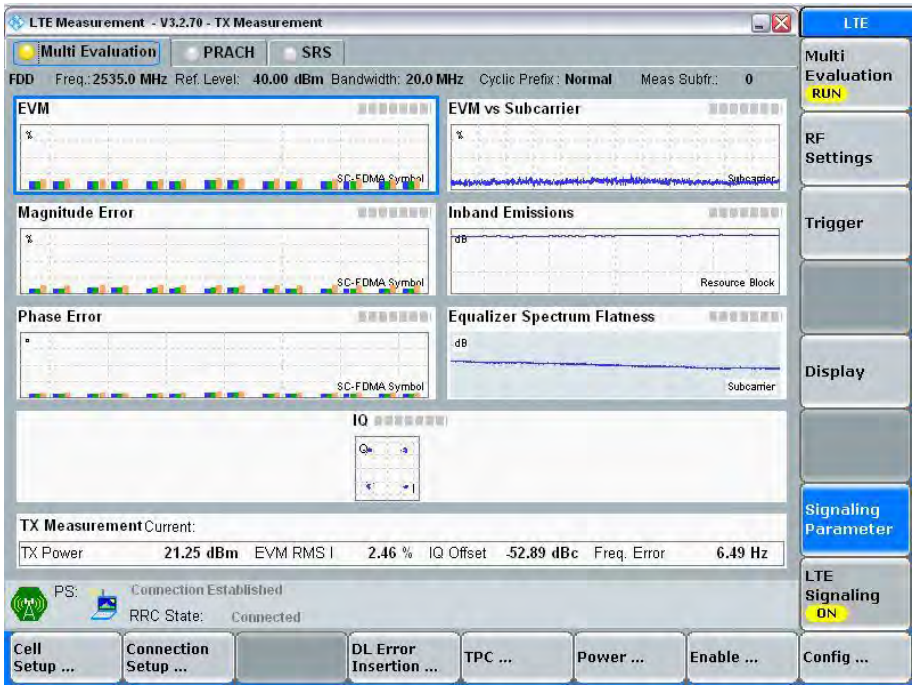
3.3.4.3 Test Mode = LTE /TM1 15MHz

3.3.4.3.1 Test Channel = MCH



3.3.4.4 Test Mode = LTE /TM1 20MHz

3.3.4.4.1 Test Channel = MCH



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4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	244.54	316.6	PASS
		MCH	247.26	317.7	PASS
		HCH	245.75	317.1	PASS
	GSM/TM2	LCH	246.33	319.5	PASS
		MCH	247.49	341.0	PASS
		HCH	250.86	313.7	PASS
GSM1900	GSM/TM1	LCH	244.92	319.7	PASS
		MCH	241.77	317.7	PASS
		HCH	244.16	320.0	PASS
	GSM/TM2	LCH	249.81	312.8	PASS
		MCH	245.25	318.5	PASS
		HCH	245.71	317.0	PASS

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.2074	4.828	PASS
		MCH	4.2160	4.857	PASS
		HCH	4.2016	4.871	PASS
WCDMA1700	UMTS/TM1	LCH	4.1901	4.867	PASS
		MCH	4.2115	4.896	PASS
		HCH	4.2128	4.893	PASS
WCDMA1900	UMTS/TM1	LCH	4.2014	4.871	PASS
		MCH	4.2035	4.859	PASS
		HCH	4.2144	4.884	PASS
LTE 750	LTE TM1/5MHz	LCH	4.5316	5.116	PASS
		MCH	4.5237	5.023	PASS
		HCH	4.5283	5.028	PASS
	LTE TM2/5MHz	LCH	4.5242	5.047	PASS
		MCH	4.5289	5.059	PASS
		HCH	4.5252	4.997	PASS
	LTE TM1/ 10MHz	LCH	8.9899	9.912	PASS
		MCH	8.9695	9.845	PASS
		HCH	8.9736	9.893	PASS
	LTE TM2/ 10MHz	LCH	8.9822	9.719	PASS
		MCH	8.9840	9.828	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
LTE 750	LTE TM2/ 10MHz	HCH	8.9626	9.899	PASS
LTE 1700	LTE TM1/1.4MHz	LCH	1.0969	1.275	PASS
		MCH	1.1003	1.280	PASS
		HCH	1.1037	1.268	PASS
	LTE TM2/1.4MHz	LCH	1.0959	1.258	PASS
		MCH	1.0981	1.266	PASS
		HCH	1.0987	1.295	PASS
	LTE TM1/ 3MHz	LCH	2.6971	2.976	PASS
		MCH	2.7061	2.947	PASS
		HCH	2.7027	2.968	PASS
	LTE TM2/ 3MHz	LCH	2.6963	2.983	PASS
		MCH	2.6957	2.964	PASS
		HCH	2.6938	2.966	PASS
	LTE TM1/5MHz	LCH	4.5195	5.057	PASS
		MCH	4.5341	5.081	PASS
		HCH	4.5251	5.042	PASS
	LTE TM2/5MHz	LCH	4.5269	5.073	PASS
		MCH	4.5306	5.046	PASS
		HCH	4.5255	5.087	PASS
	LTE TM1/ 10MHz	LCH	8.9790	9.890	PASS
		MCH	8.9585	9.829	PASS
		HCH	8.9630	9.884	PASS
	LTE TM2/ 10MHz	LCH	8.9533	9.746	PASS
		MCH	8.9572	9.872	PASS
		HCH	8.9686	9.803	PASS
	LTE TM1/15MHz	LCH	13.461	14.75	PASS
		MCH	13.433	14.71	PASS
		HCH	13.442	14.86	PASS
	LTE TM2/15MHz	LCH	13.454	14.70	PASS
		MCH	13.454	14.63	PASS
		HCH	13.454	14.64	PASS
	LTE TM1/ 20MHz	LCH	17.926	19.35	PASS
		MCH	17.910	19.34	PASS
		HCH	17.944	19.64	PASS
	LTE TM2/ 20MHz	LCH	17.932	19.32	PASS
		MCH	17.930	19.28	PASS
		HCH	17.905	19.37	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
LTE 1900	LTE TM1/1.4MHz	LCH	1.0983	1.273	PASS
		MCH	1.1001	1.283	PASS
		HCH	1.1098	1.292	PASS
	LTE TM2/1.4MHz	LCH	1.1034	1.287	PASS
		MCH	1.0932	1.264	PASS
		HCH	1.0999	1.280	PASS
	LTE TM1/ 3MHz	LCH	2.6948	2.951	PASS
		MCH	2.7001	2.947	PASS
		HCH	2.7016	2.969	PASS
	LTE TM2/ 3MHz	LCH	2.7015	2.978	PASS
		MCH	2.6964	2.974	PASS
		HCH	2.6956	2.982	PASS
	LTE TM1/5MHz	LCH	4.5327	5.021	PASS
		MCH	4.5342	5.098	PASS
		HCH	4.5299	5.056	PASS
	LTE TM2/5MHz	LCH	4.5262	5.081	PASS
		MCH	4.5262	5.093	PASS
		HCH	4.5463	5.118	PASS
	LTE TM1/ 10MHz	LCH	8.9582	9.832	PASS
		MCH	8.9490	9.766	PASS
		HCH	8.9739	10.02	PASS
	LTE TM2/ 10MHz	LCH	8.9631	9.768	PASS
		MCH	8.9608	9.790	PASS
		HCH	8.9804	9.915	PASS
	LTE TM1/15MHz	LCH	13.392	14.72	PASS
		MCH	13.432	14.70	PASS
		HCH	13.492	14.95	PASS
	LTE TM2/15MHz	LCH	13.445	14.76	PASS
		MCH	13.477	14.73	PASS
		HCH	13.503	14.81	PASS
	LTE TM1/ 20MHz	LCH	17.898	19.34	PASS
		MCH	17.943	19.55	PASS
		HCH	17.932	19.40	PASS
	LTE TM2/ 20MHz	LCH	17.914	19.40	PASS
		MCH	17.938	19.34	PASS
		HCH	17.906	19.44	PASS
LTE 2600	LTE TM1/5MHz	LCH	4.5252	5.076	PASS

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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
LTE 2600	LTE TM1/5MHz	MCH	4.5247	5.070	PASS
		HCH	4.5228	5.058	PASS
	LTE TM2/5MHz	LCH	4.5272	5.092	PASS
		MCH	4.5262	5.062	PASS
		HCH	4.5408	5.040	PASS
	LTE TM1/ 10MHz	LCH	8.9800	9.927	PASS
		MCH	8.9572	9.799	PASS
		HCH	8.9638	9.882	PASS
	LTE TM2/ 10MHz	LCH	8.9749	9.802	PASS
		MCH	8.9724	9.800	PASS
		HCH	8.9531	9.818	PASS
	LTE TM1/15MHz	LCH	13.491	14.87	PASS
		MCH	13.427	14.80	PASS
		HCH	13.451	14.84	PASS
	LTE TM2/15MHz	LCH	13.486	14.65	PASS
		MCH	13.455	14.77	PASS
		HCH	13.466	14.82	PASS
	LTE TM1/ 20MHz	LCH	17.915	19.37	PASS
		MCH	17.893	19.38	PASS
		HCH	17.971	19.71	PASS
	LTE TM2/ 20MHz	LCH	17.976	19.42	PASS
		MCH	17.907	19.27	PASS
		HCH	17.933	19.36	PASS

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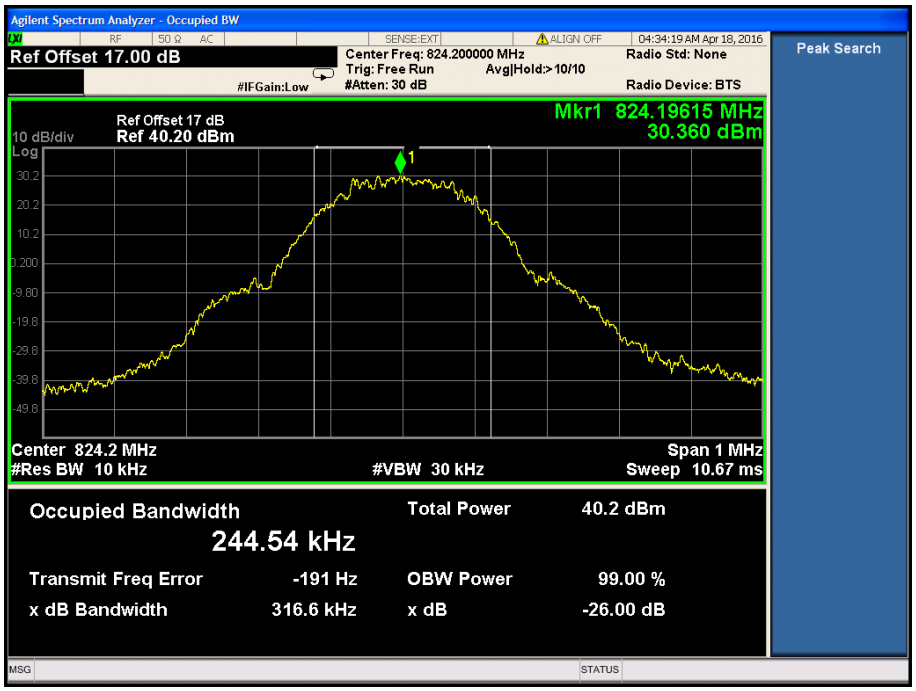
4.1 For GSM

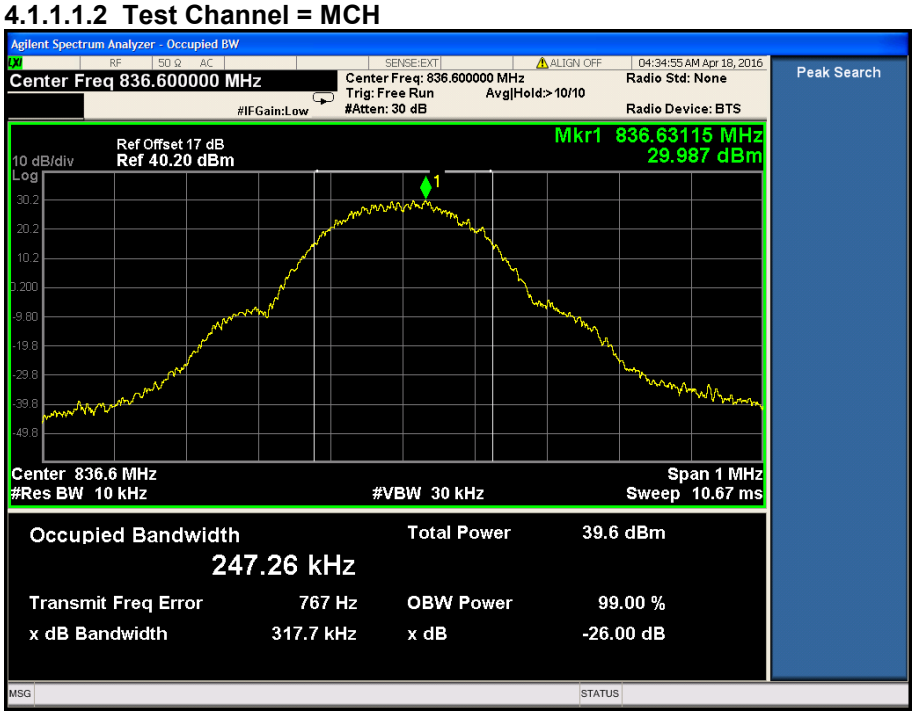
4.1.1 Test Band = GSM850

4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



4.1.1.1.2 Test Channel = MCH



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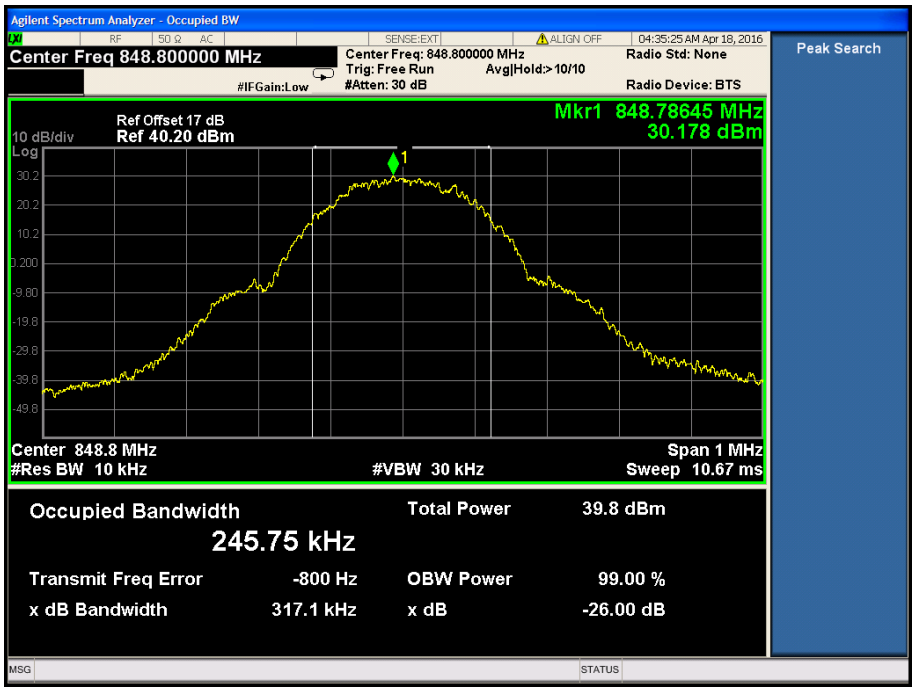
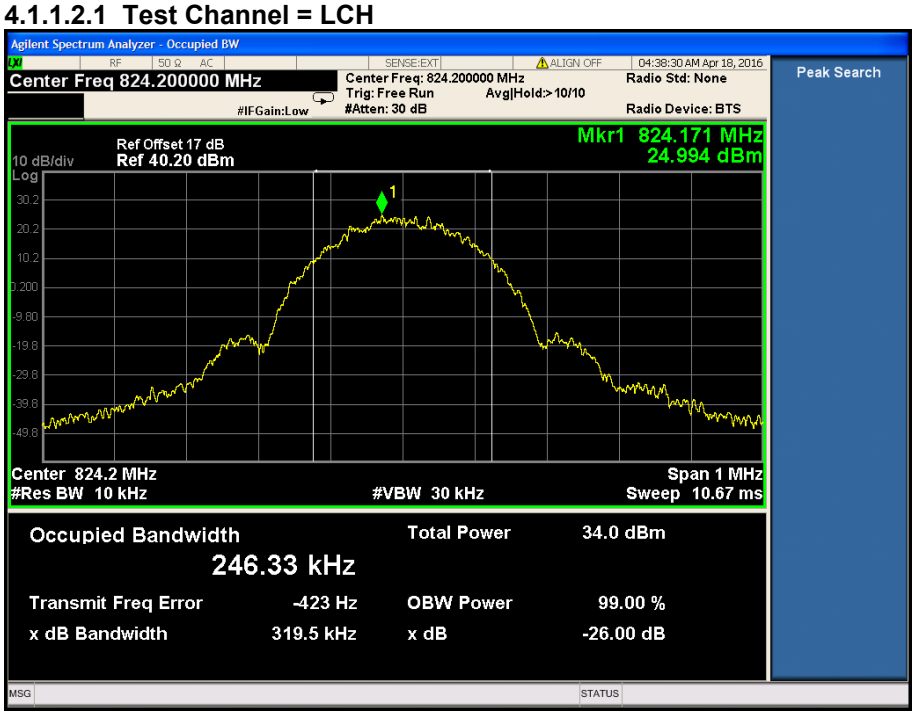
4.1.1.1.3 Test Channel = HCH



4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



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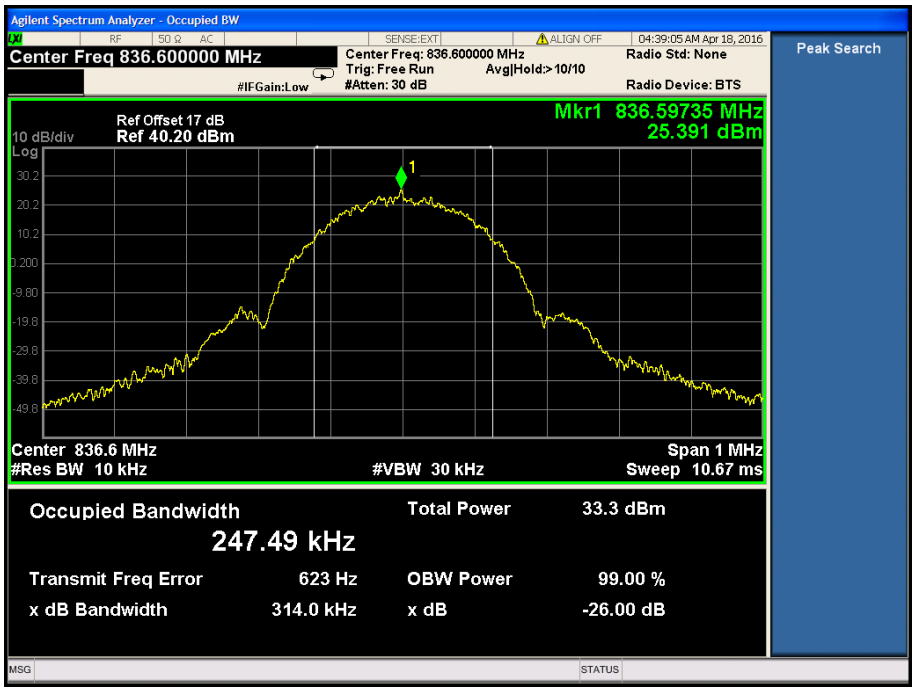
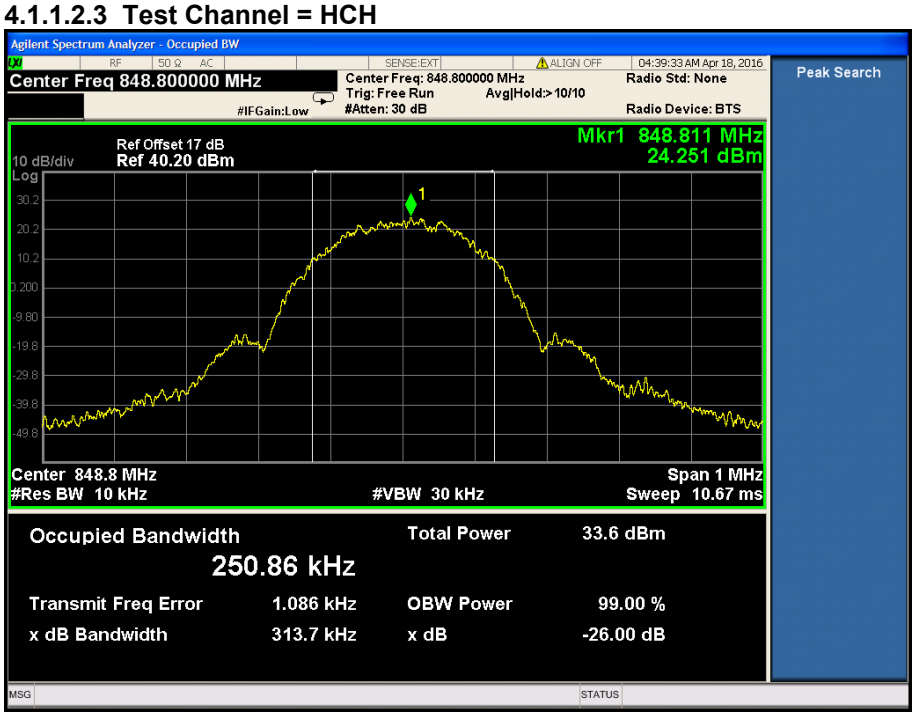
4.1.1.2.2 Test Channel = MCH



4.1.1.2.3 Test Channel = HCH



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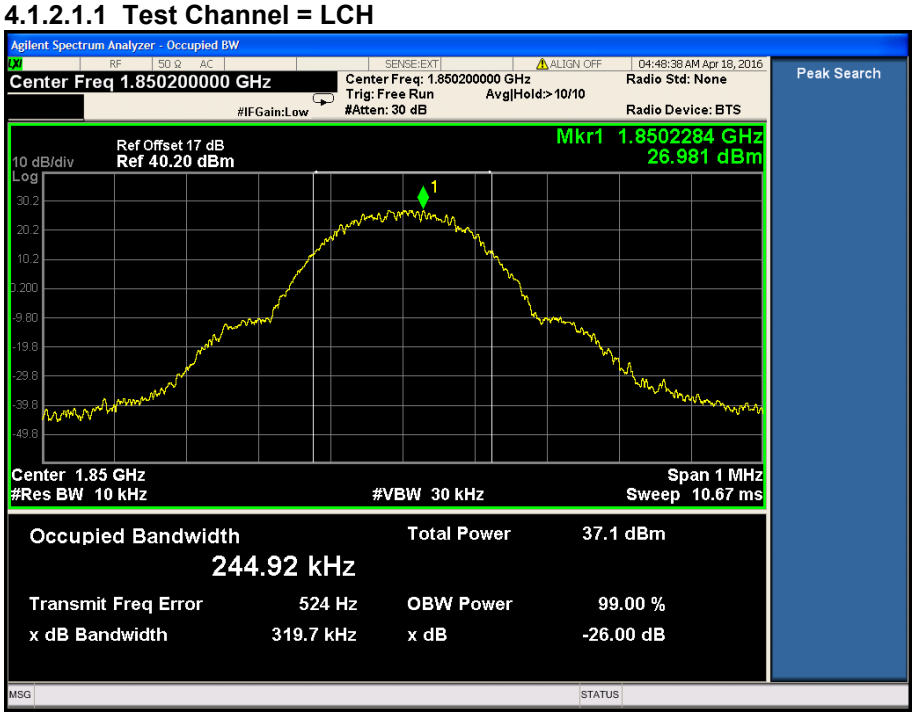
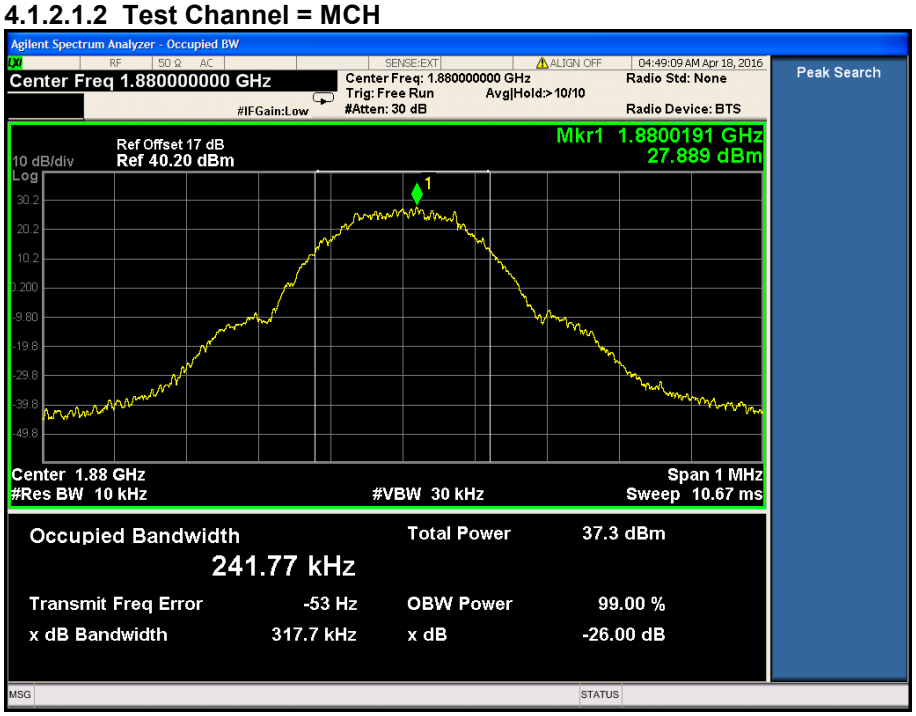
4.1.2 Test Band = GSM1900

4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



4.1.2.1.2 Test Channel = MCH



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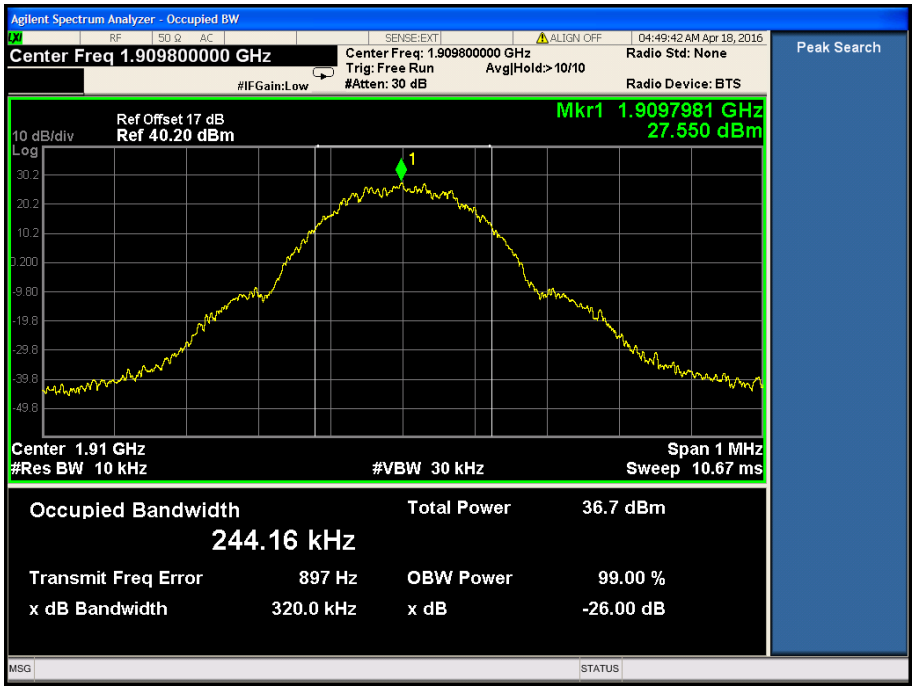
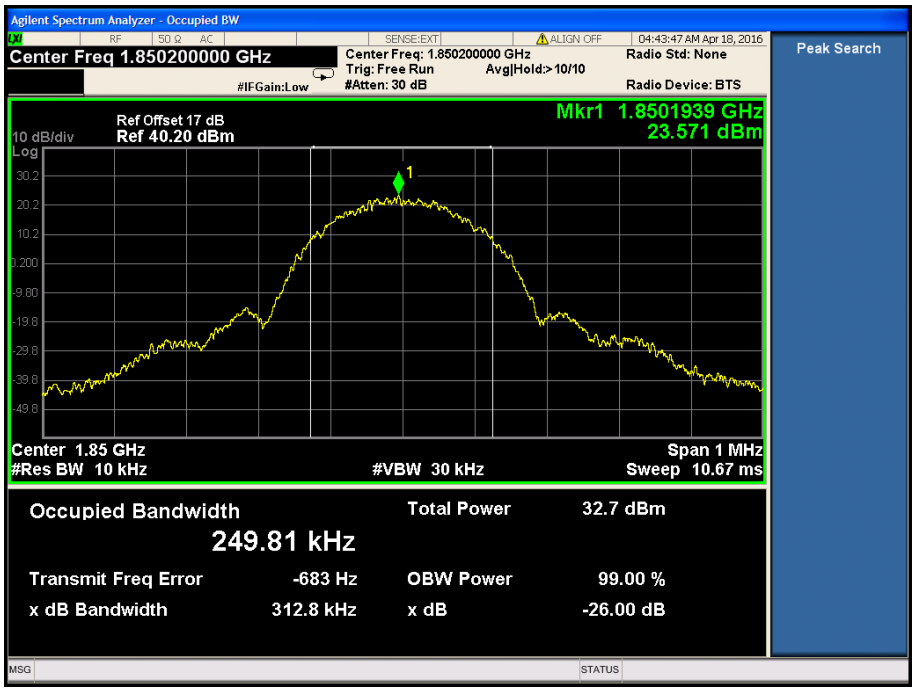
4.1.2.1.3 Test Channel = HCH



4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH



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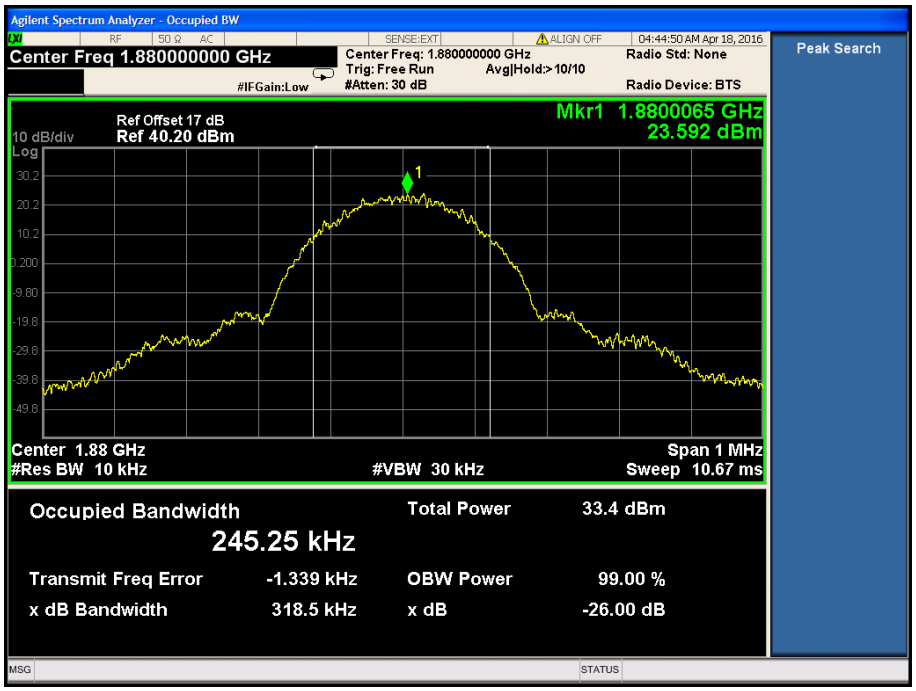
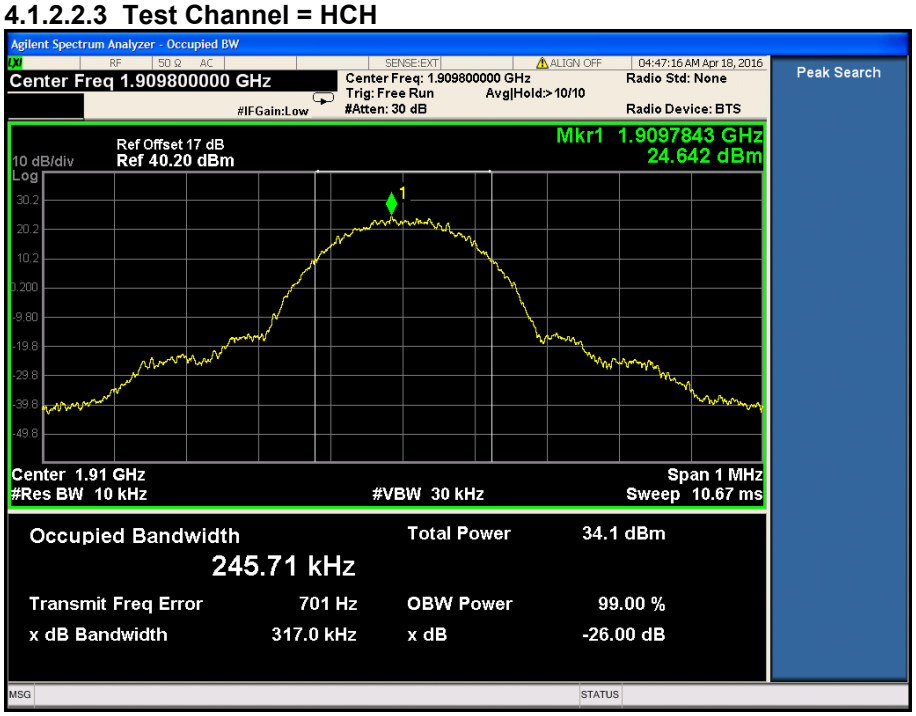
4.1.2.2.2 Test Channel = MCH



4.1.2.2.3 Test Channel = HCH



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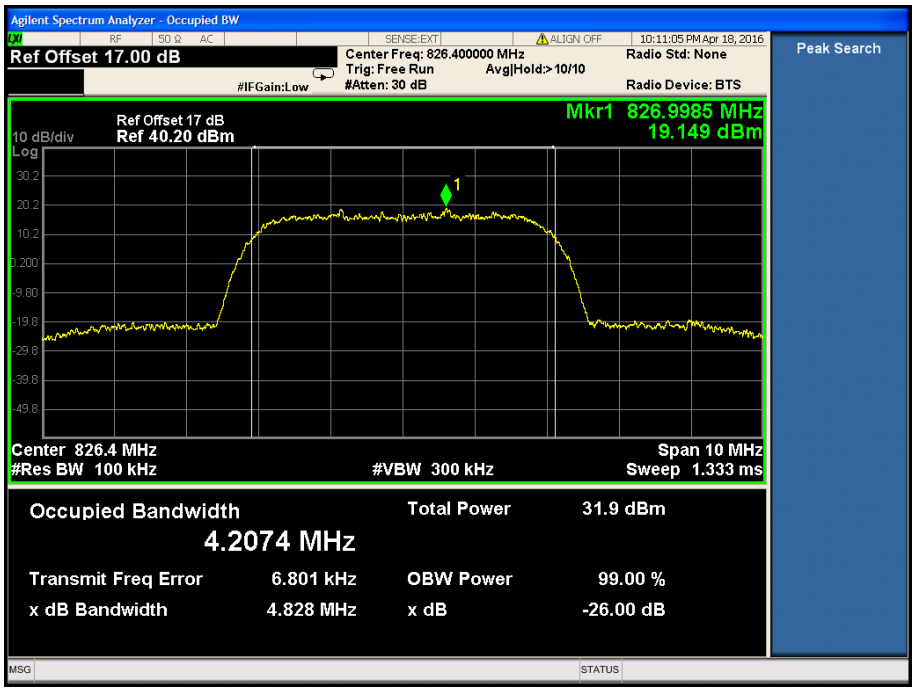
4.2 For WCDMA

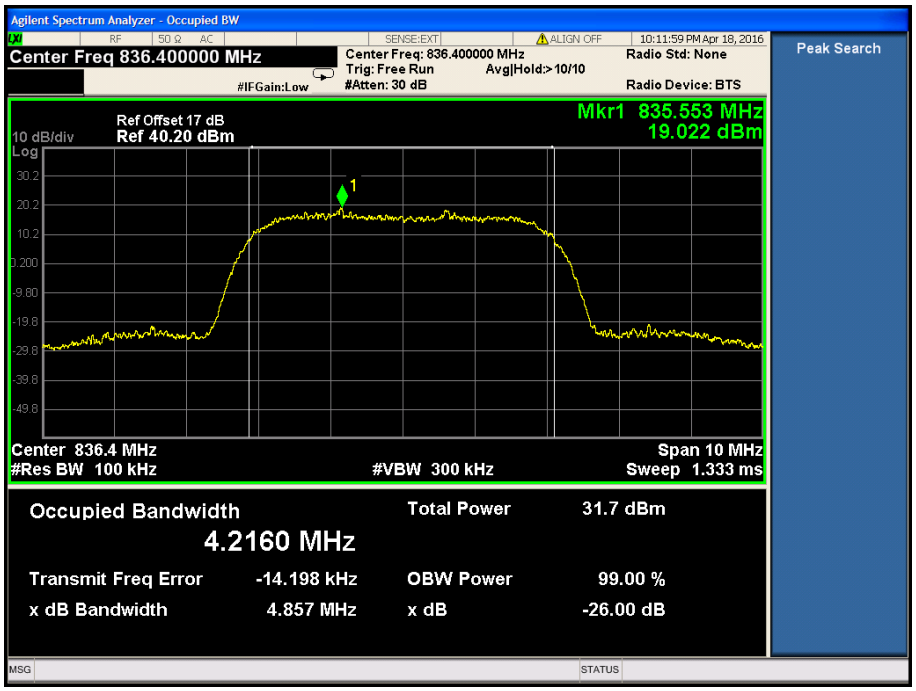
4.2.1 Test Band = WCDMA850

4.2.1.1 Test Mode = UMTS/TM1

4.2.1.1.1 Test Channel = LCH



4.2.1.1.2 Test Channel = MCH



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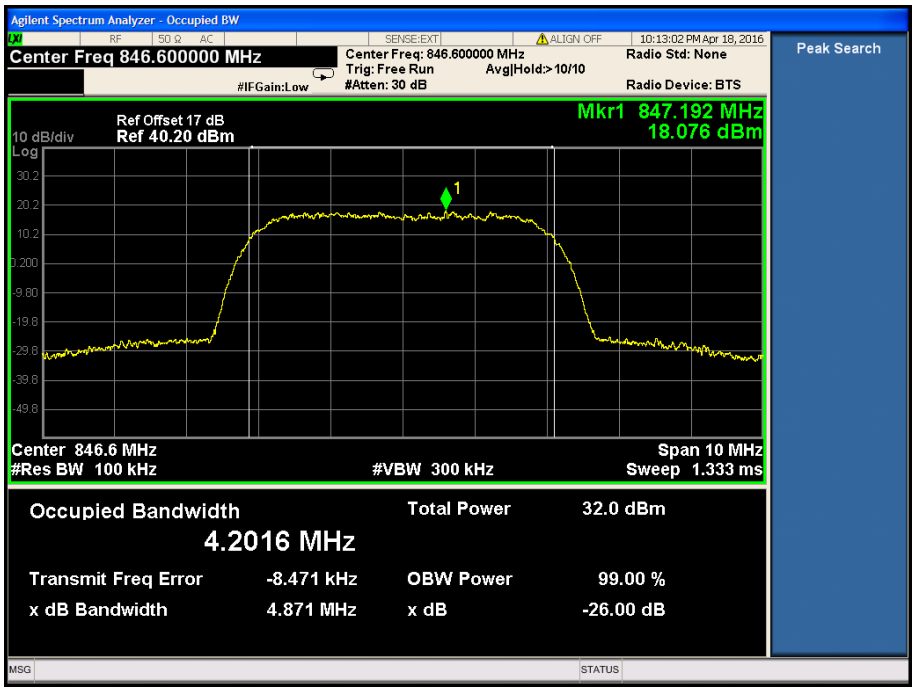
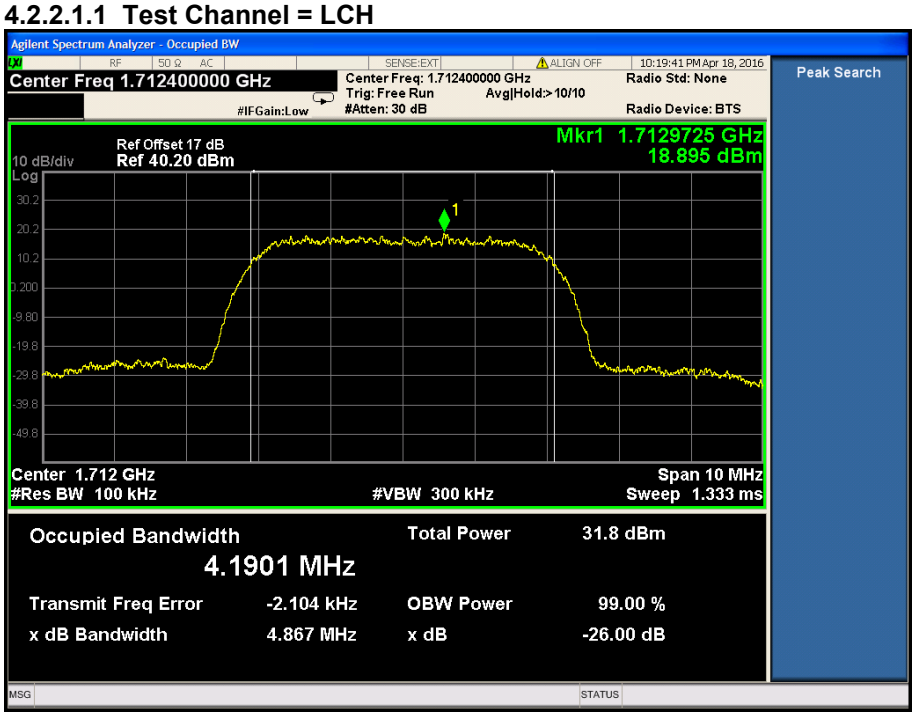
4.2.1.1.3 Test Channel = HCH



4.2.2 Test Band = WCDMA1700

4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



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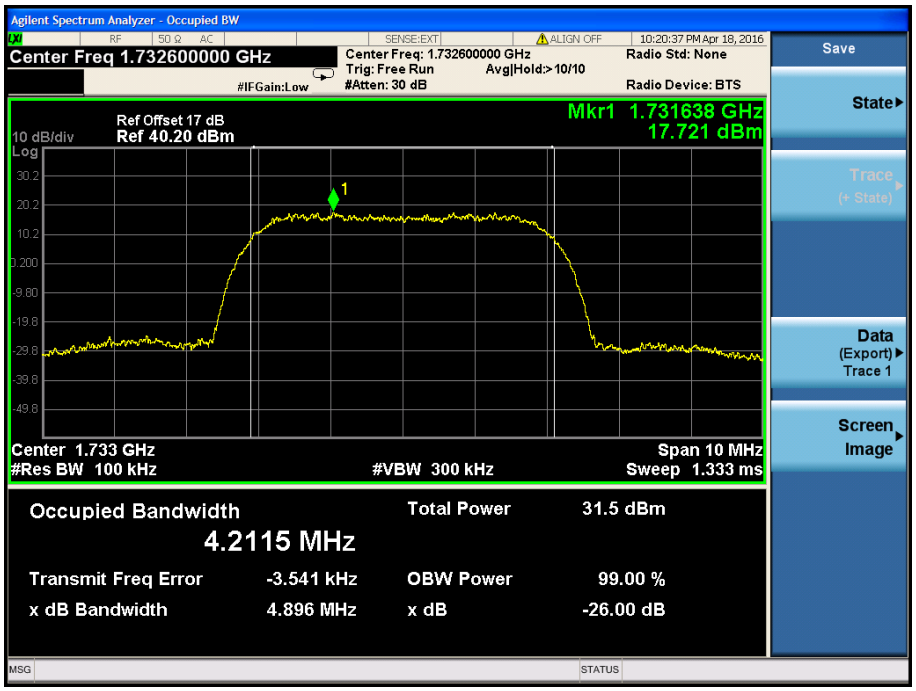
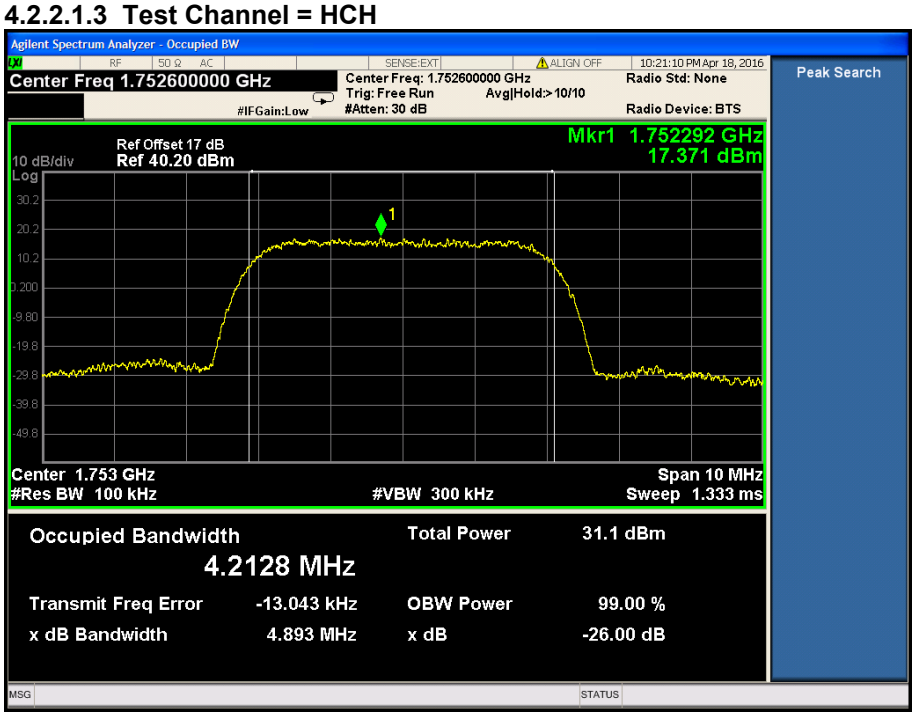
4.2.2.1.2 Test Channel = MCH



4.2.2.1.3 Test Channel = HCH



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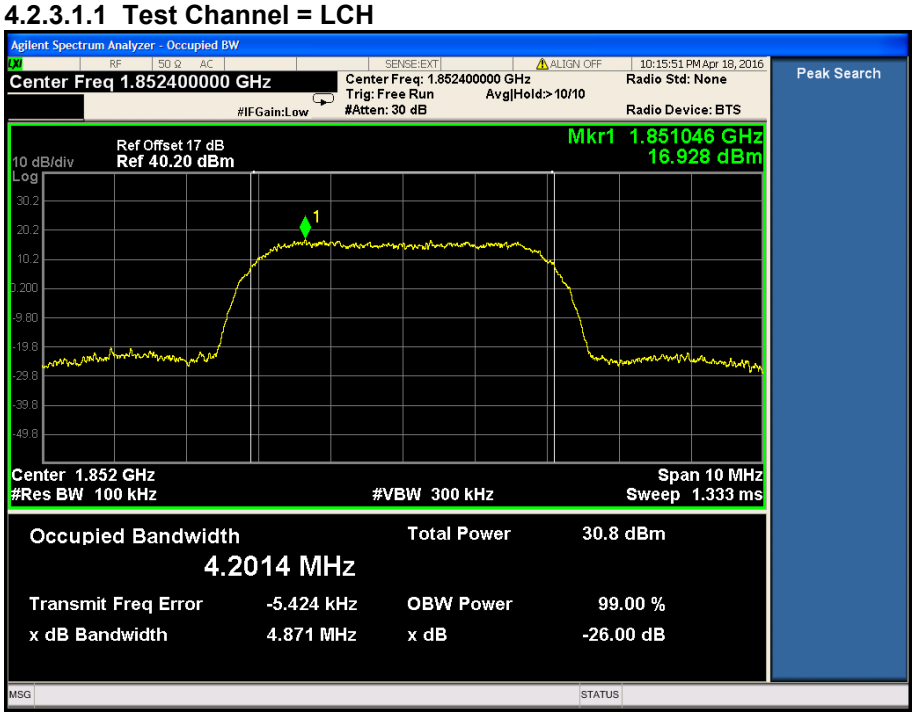
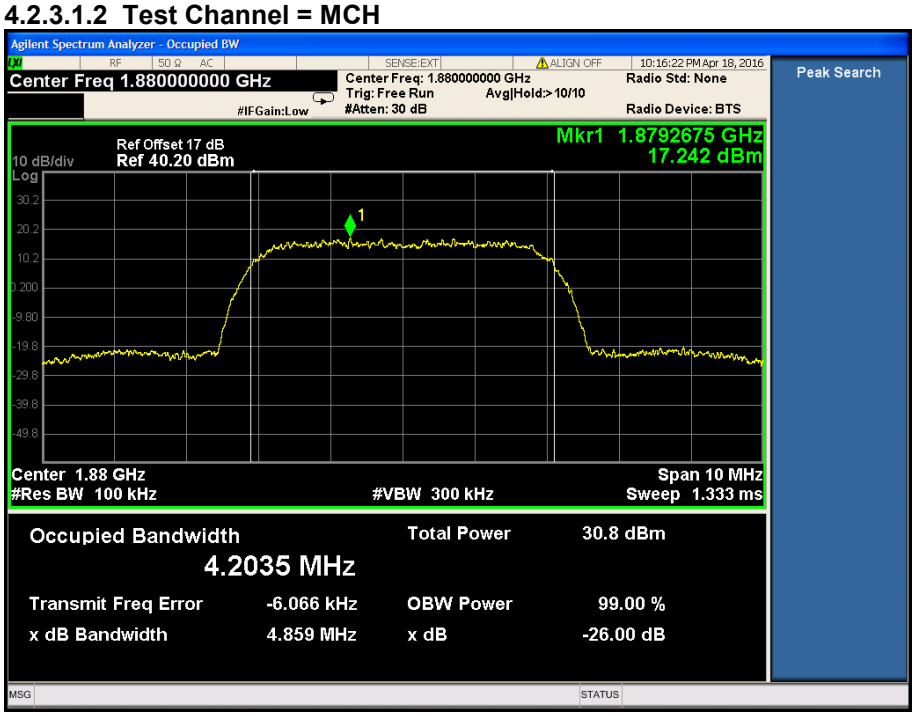
4.2.3 Test Band = WCDMA1900

4.2.3.1 Test Mode = UMTS/TM1

4.2.3.1.1 Test Channel = LCH



4.2.3.1.2 Test Channel = MCH



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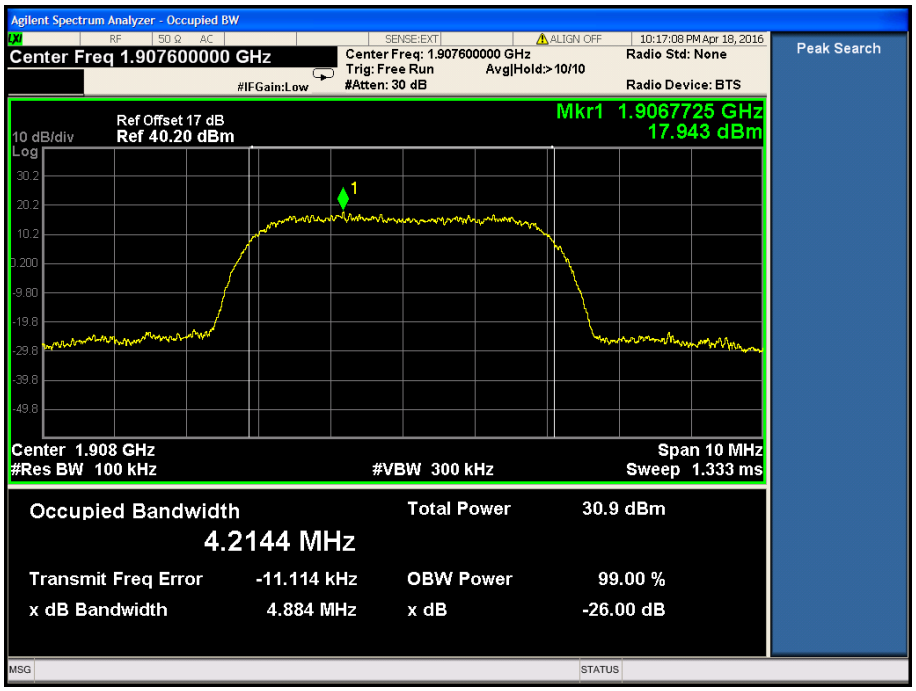
4.2.3.1.3 Test Channel = HCH

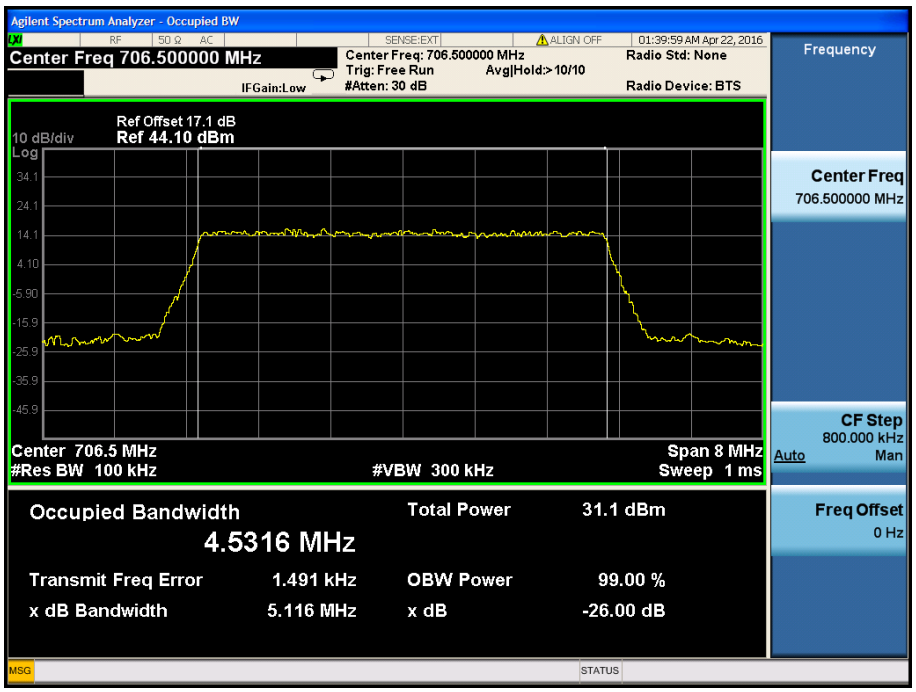


4.3 For LTE

4.3.1 Test Band = LTE 750

4.3.1.1 Test Mode = LTE/TM1 5MHz

4.3.1.1.1 Test Channel = LCH



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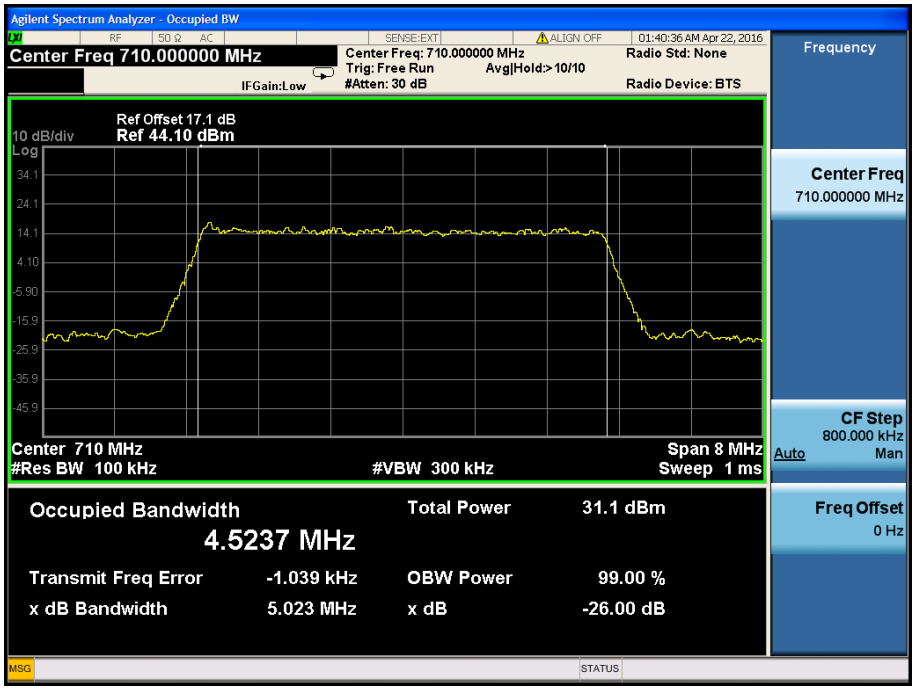
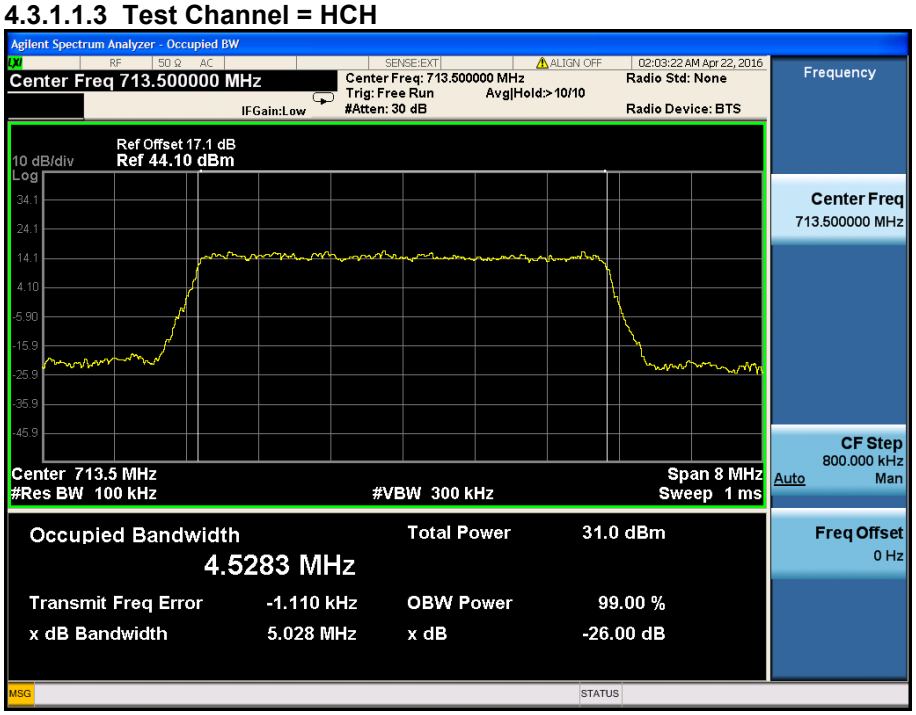
4.3.1.1.2 Test Channel = MCH



4.3.1.1.3 Test Channel = HCH



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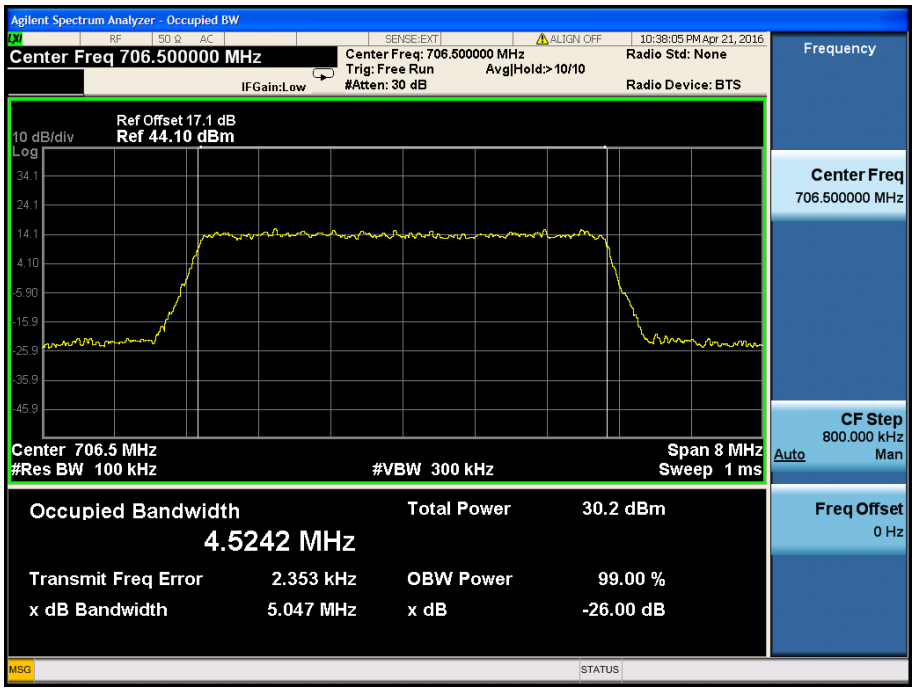
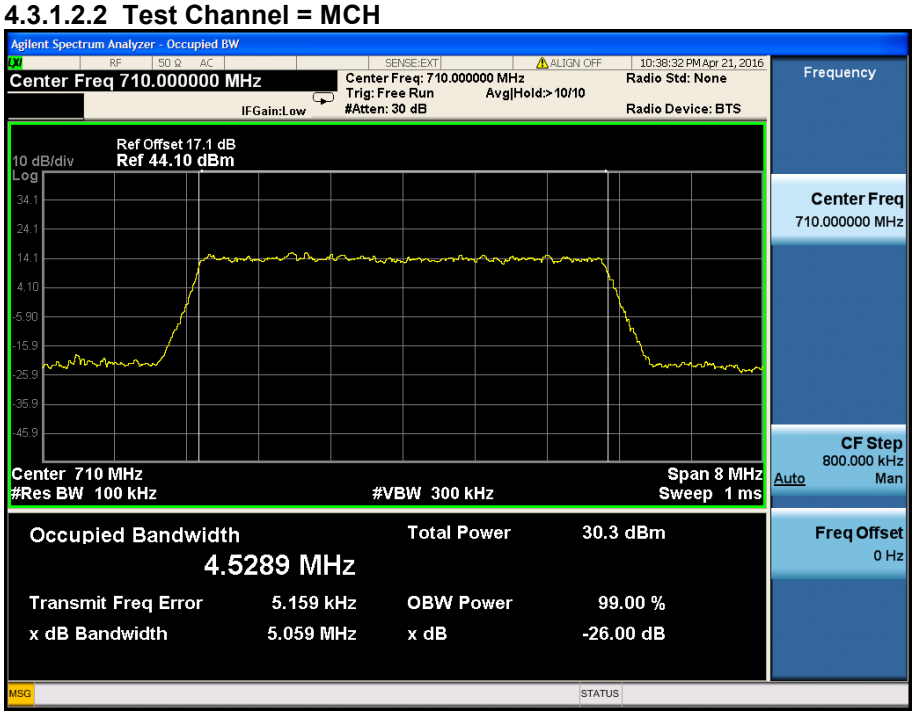
4.3.1.2 Test Mode = LTE/TM2 5MHz

4.3.1.2.1 Test Channel = LCH



4.3.1.2.2 Test Channel = MCH



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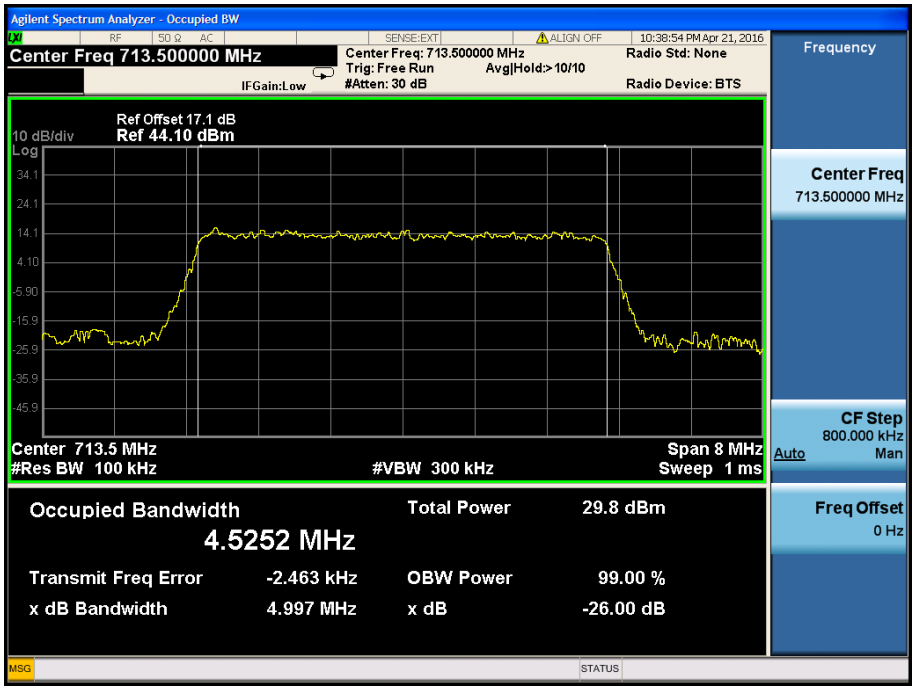
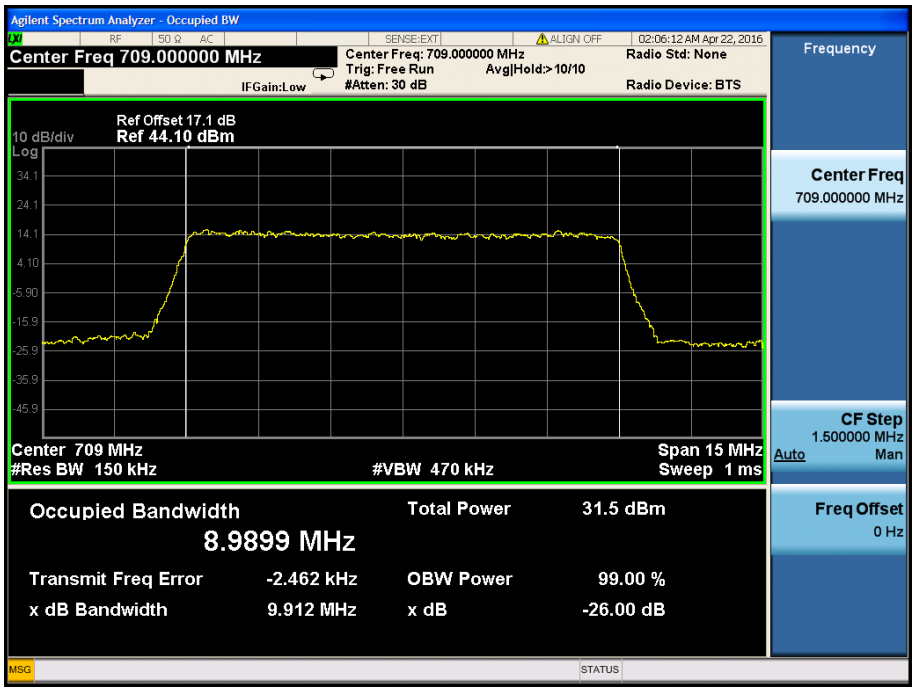
4.3.1.2.3 Test Channel = HCH



4.3.1.3 Test Mode = LTE/TM1 10MHz

4.3.1.3.1 Test Channel = LCH



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