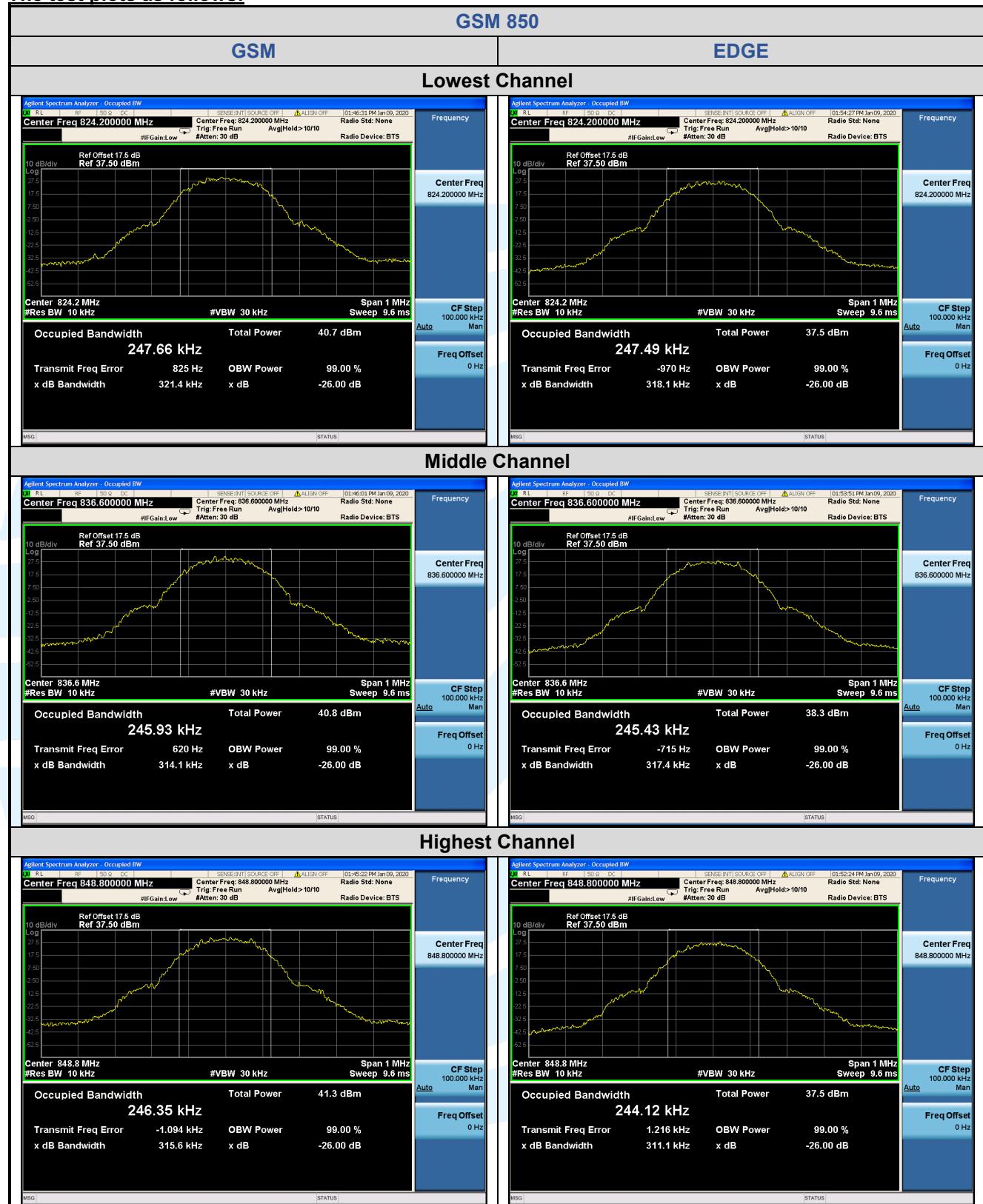
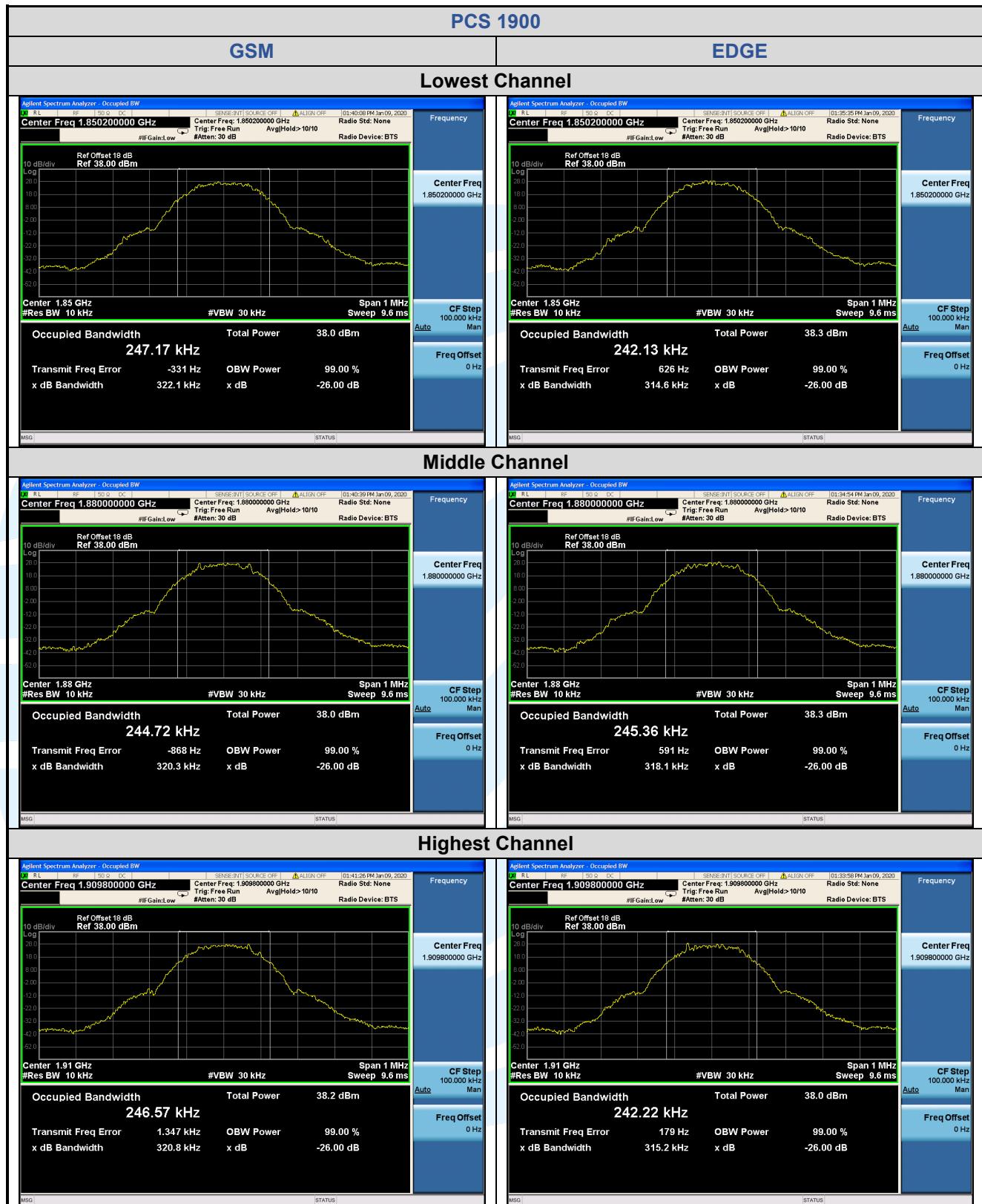
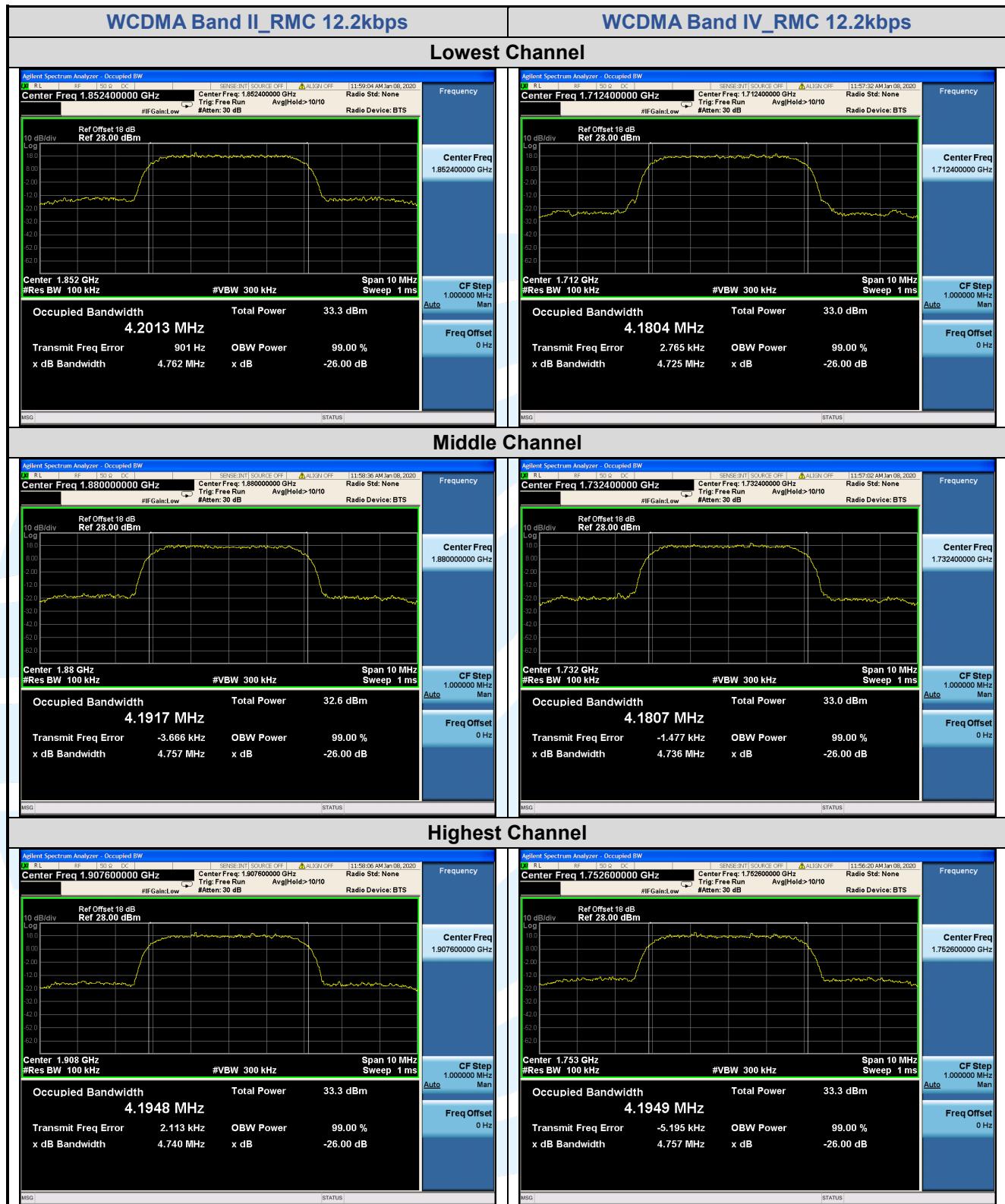


The test plots as follows:









5.6BAND EDGE AT ANTENNA TERMINALS

FCC 47 CFR Part 2.1051,

FCC 47 CFR Part 22.917(a),

FCC 47 CFR Part 24.238(a),

FCC 47 CFR Part 27.53(h)(1)

Test Requirement: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limit:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

Test Procedure:

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer.

For each band edge measurement:

- 1) Set the spectrum analyzer span to include the block edge frequency.
- 2) Set a marker to point the corresponding band edge frequency in each test case.
- 3) Set display line at -13 dBm
- 4) Set resolution bandwidth to at least 1% of emission bandwidth.
- 5) Set spectrum analyzer with RMS detector.
- 6) Record the max trace plot into the test report

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

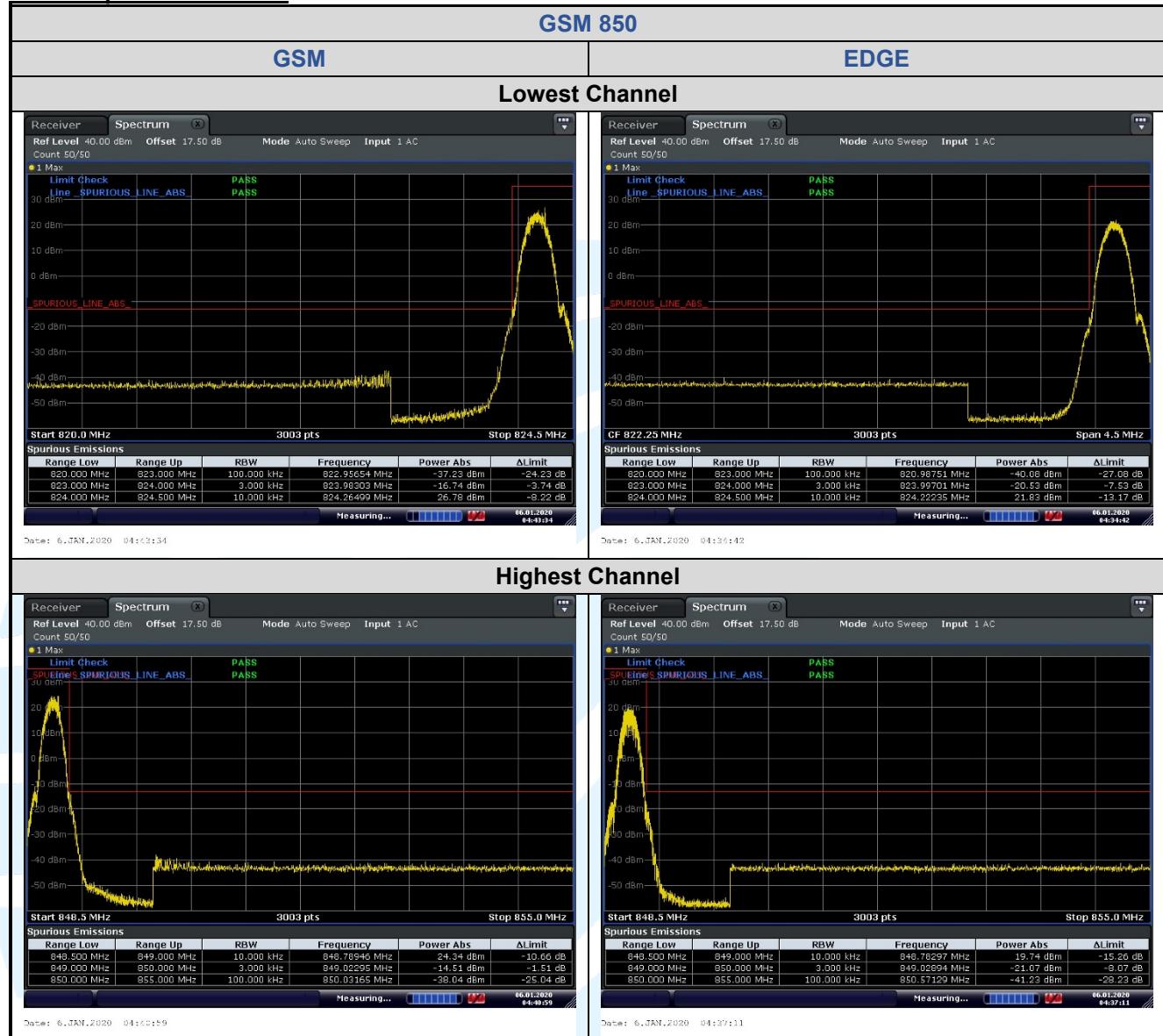
Test Setup: Refer to section 4.2.2 for details.

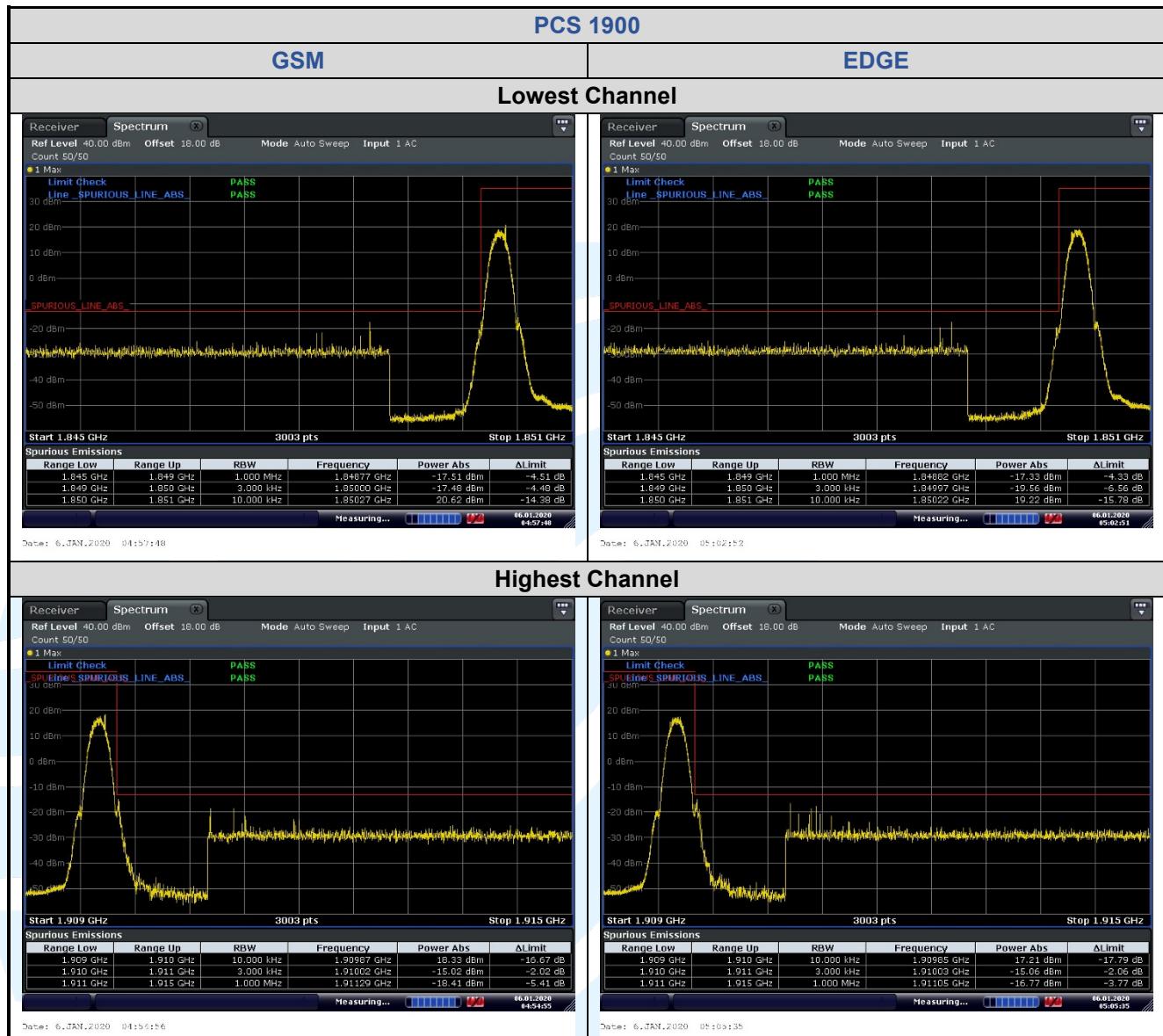
Instruments Used: Refer to section 3 for details

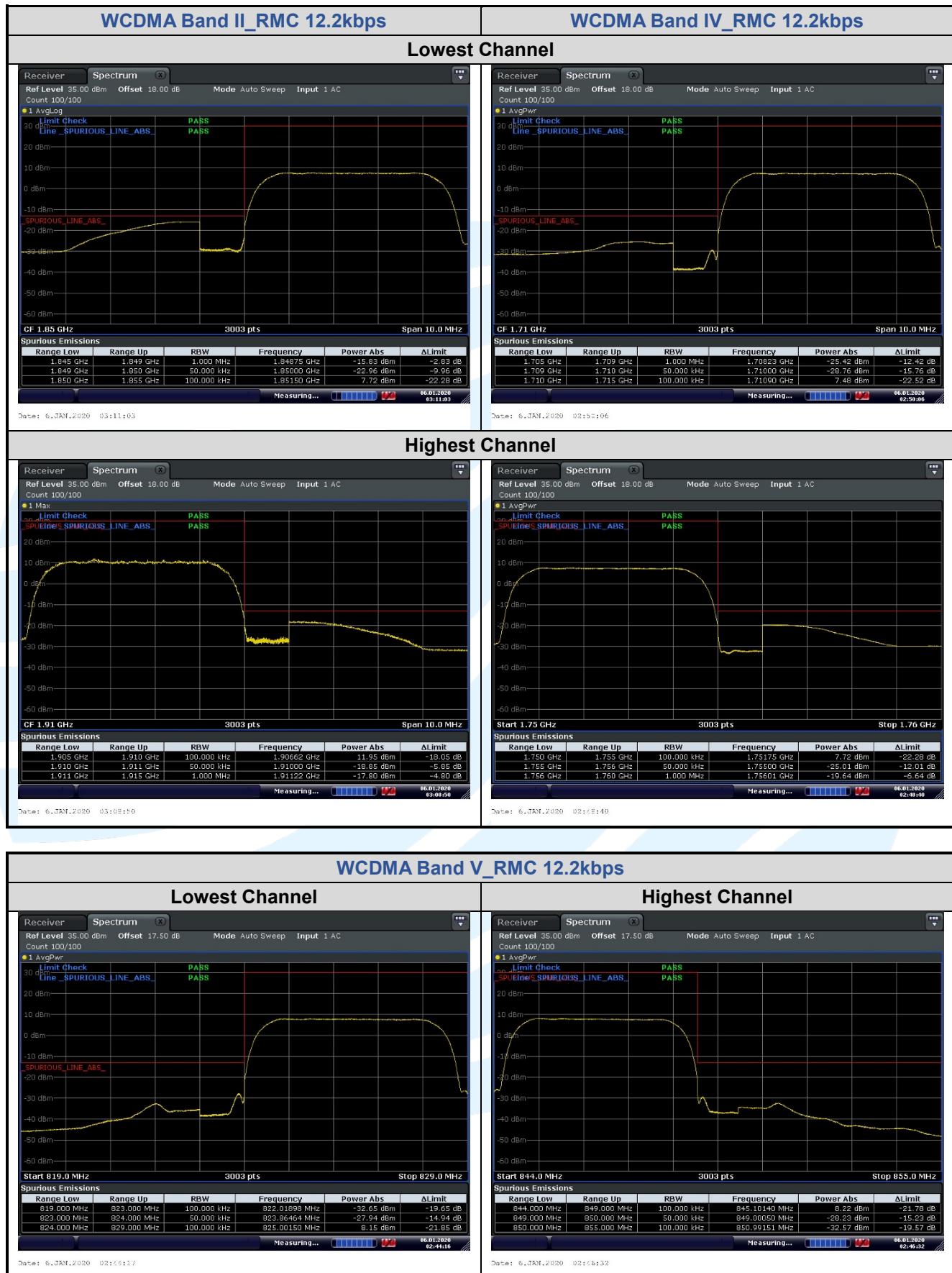
Test Mode: Link mode

Test Results: Pass

The test plots as follows:







5.7 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

FCC 47 CFR Part 2.1051,

FCC 47 CFR Part 22.917(a)(b),

FCC 47 CFR Part 24.238(a)(b),

FCC 47 CFR Part 27.53(h)(1)

Test Requirement: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limit:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

Test Procedure:

The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range. b. Measuring frequency range is from 30 MHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

Test Setup: Refer to section 4.2.2 for details.

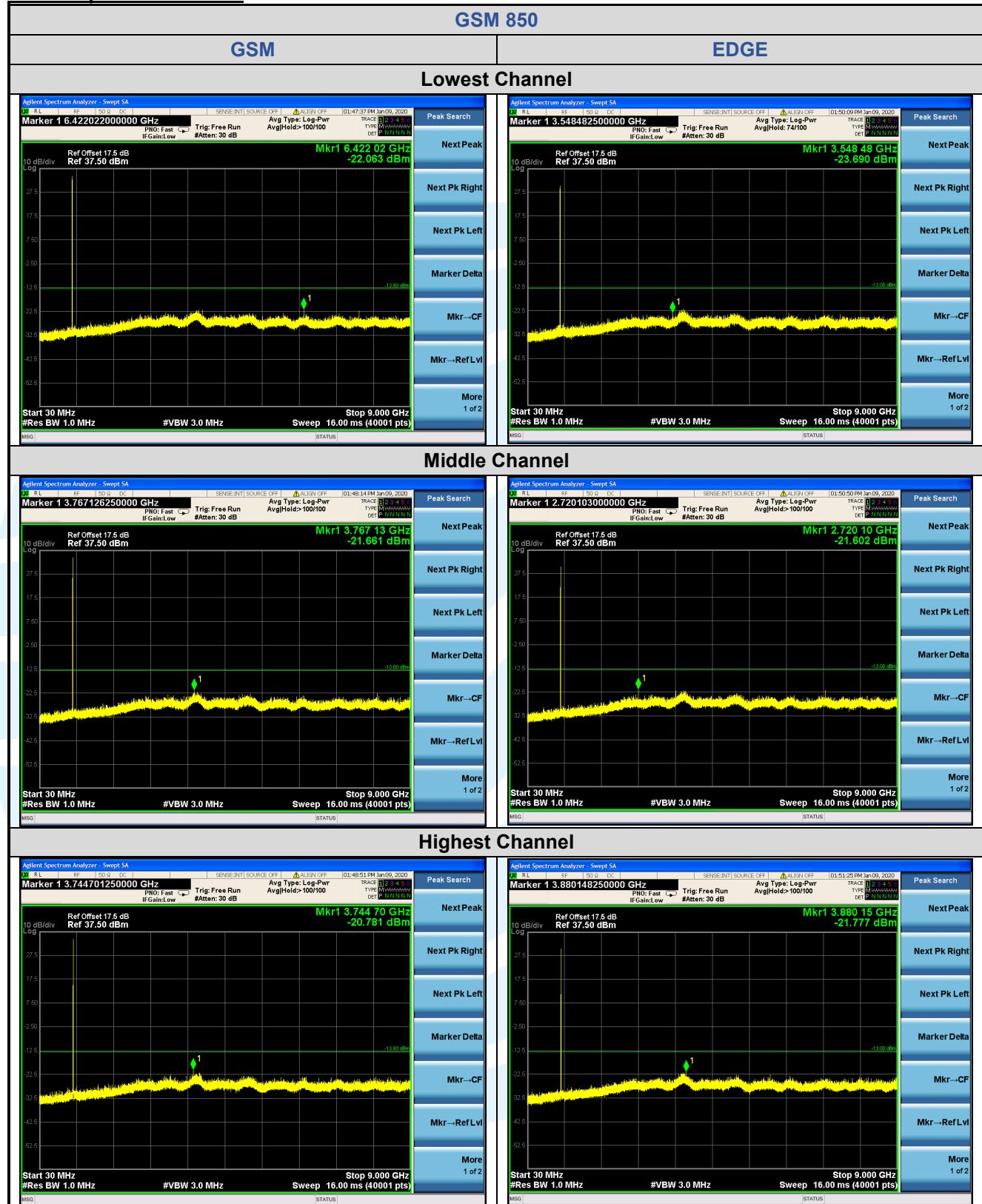
Instruments Used: Refer to section 3 for details

Test Mode: Link mode

Test Results: Pass

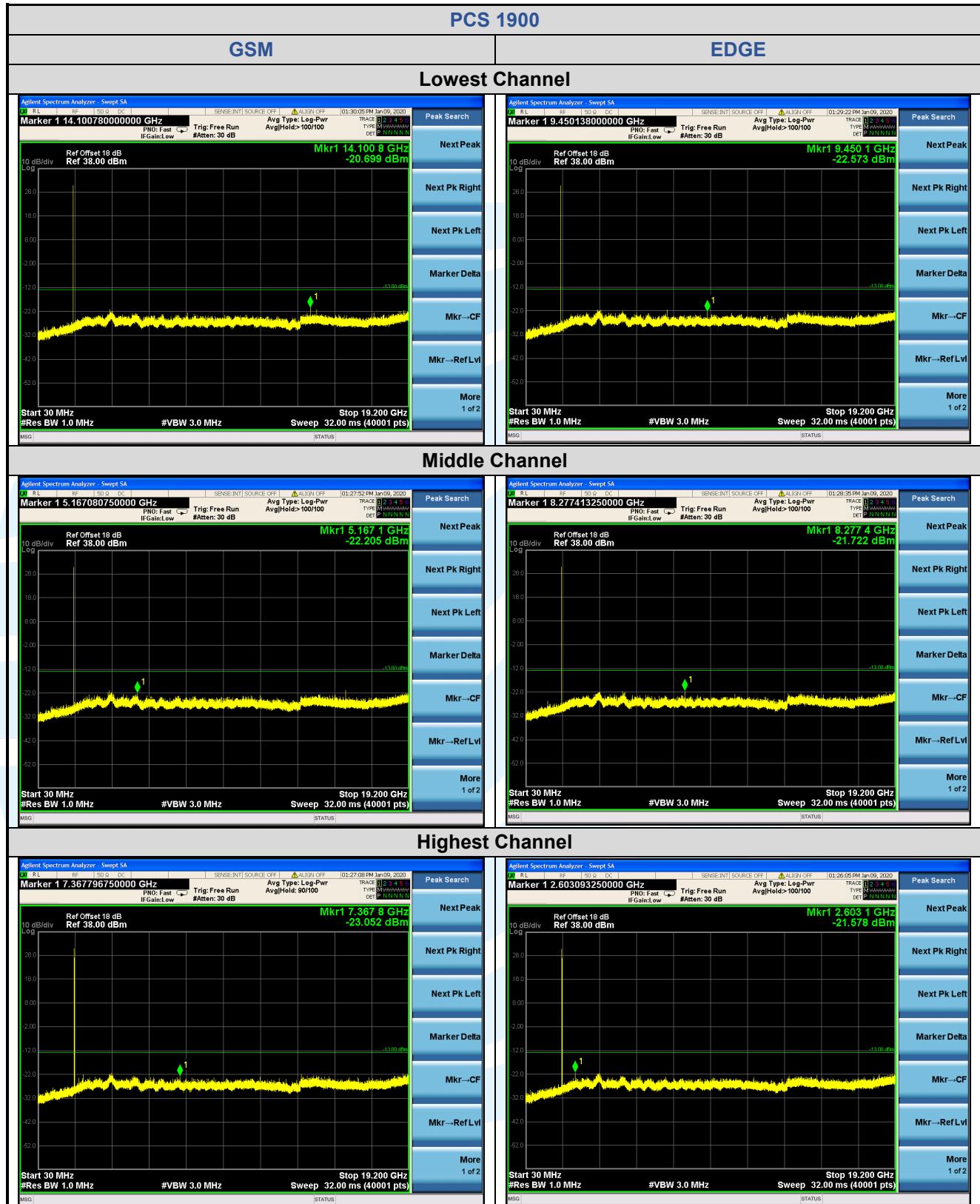


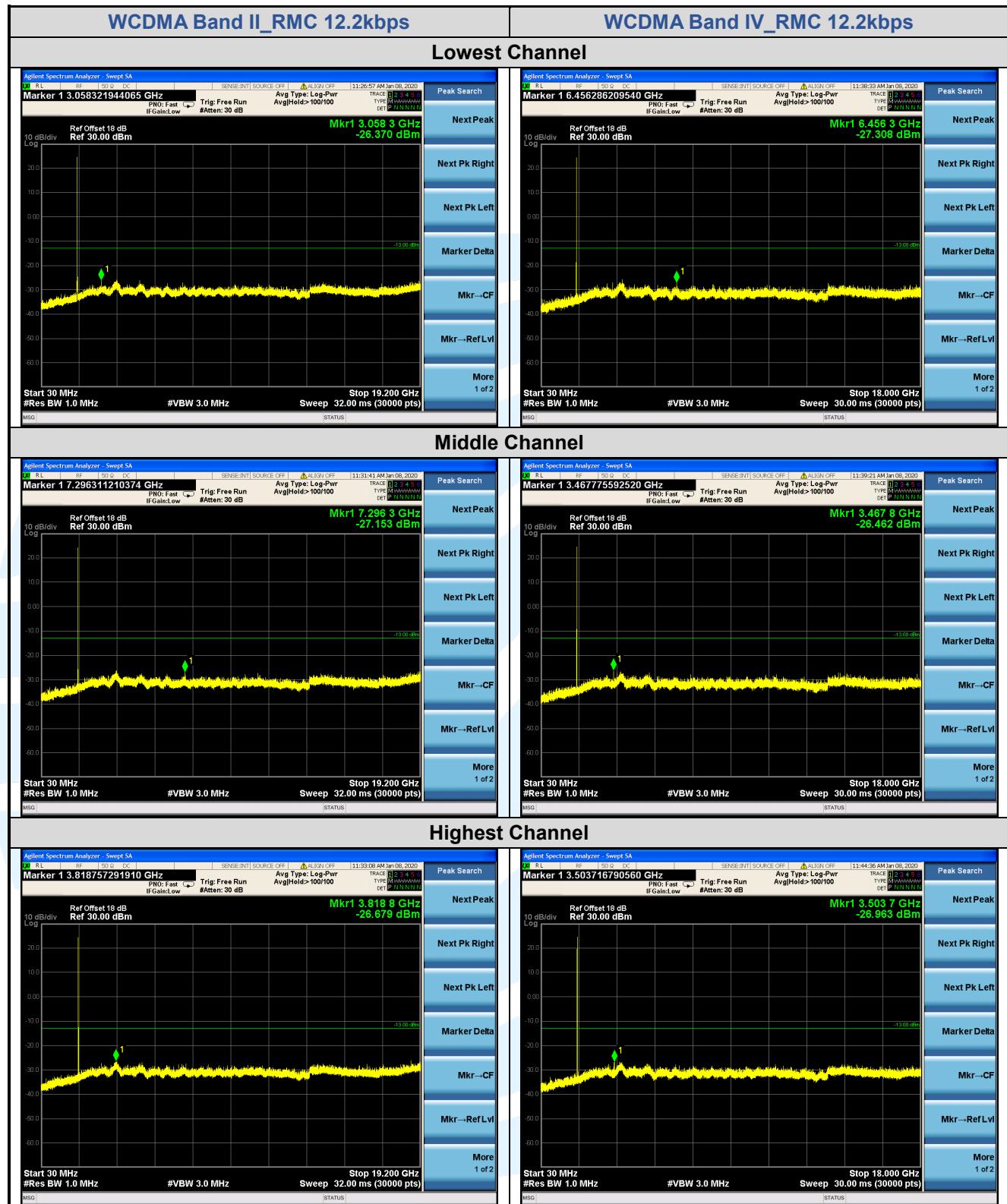
The test plots as follows:

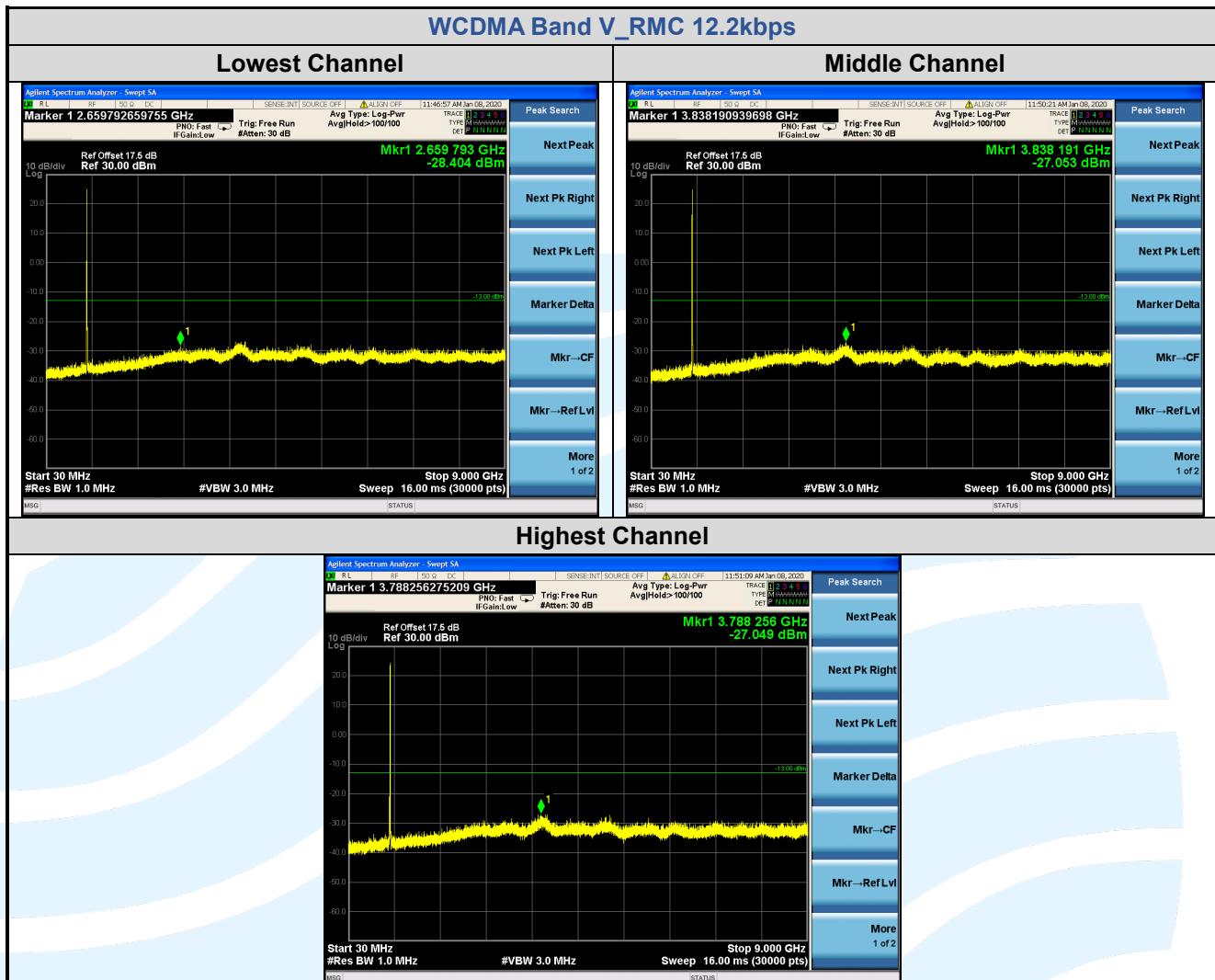


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 UTTR-RF-FCC23G-V1.0






Remark:

- 1) All the above radiation data, the fundamental frequency is not marked, it may exceed the limit, please ignore it.

5.8 FIELD STRENGTH OF SPURIOUS RADIATION

Test Requirement: FCC 47 CFR Part 2.1053,
 FCC 47 CFR Part 22.917(a)(b),
 FCC 47 CFR Part 24.238(a)(b),
 FCC 47 CFR Part 27.53(h)(1)

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01 Section 7

Limits:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

Test Setup: Refer to section 4.2.1 for details.

Test Procedures: KDB 971168 D01v03r01 Section 7

Equipment Used: Refer to section 3 for details.

Test Result: Pass

The measurement data as follows:

Below 1G

GSM 850							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_Lowest Channel							
1	97.002	-71.16	26.45	-44.71	-13.00	-31.71	Horizontal
2	578.036	-76.70	36.71	-39.99	-13.00	-26.99	Horizontal
3	881.184	-69.01	41.27	-27.74	-13.00	-14.74	Horizontal
4	33.570	-76.79	31.68	-45.11	-13.00	-32.11	Vertical
5	220.724	-74.56	27.97	-46.59	-13.00	-33.59	Vertical
6	881.184	-66.75	41.27	-25.48	-13.00	-12.48	Vertical
GPRS_Middle Channel							
1	106.281	-72.07	26.35	-45.72	-13.00	-32.72	Horizontal
2	219.179	-70.97	27.90	-43.07	-13.00	-30.07	Horizontal
3	881.184	-68.16	41.27	-26.89	-13.00	-13.89	Horizontal
4	39.182	-71.44	28.47	-42.97	-13.00	-29.97	Vertical
5	219.179	-73.19	27.90	-45.29	-13.00	-32.29	Vertical
6	881.184	-66.44	41.27	-25.17	-13.00	-12.17	Vertical
GPRS_Highest Channel							
1	106.281	-73.05	26.35	-46.70	-13.00	-33.70	Horizontal
2	231.853	-71.91	28.62	-43.29	-13.00	-30.29	Horizontal
3	881.184	-68.15	41.27	-26.88	-13.00	-13.88	Horizontal
4	97.002	-74.67	26.45	-48.22	-13.00	-35.22	Vertical
5	220.724	-72.72	27.97	-44.75	-13.00	-31.75	Vertical
6	881.184	-66.13	41.27	-24.86	-13.00	-11.86	Vertical

PCS 1900							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GRPS_ Lowest Channel							
1	97.002	-73.07	26.45	-46.62	-13.00	-33.62	Horizontal
2	231.853	-71.92	28.62	-43.30	-13.00	-30.30	Horizontal
3	578.036	-75.95	36.71	-39.24	-13.00	-26.24	Horizontal
4	57.265	-73.55	24.28	-49.27	-13.00	-36.27	Vertical
5	220.724	-73.59	27.97	-45.62	-13.00	-32.62	Vertical
6	602.929	-76.41	37.66	-38.75	-13.00	-25.75	Vertical
GRPS_ Middle Channel							
1	106.281	-73.13	26.35	-46.78	-13.00	-33.78	Horizontal
2	235.135	-71.38	28.77	-42.61	-13.00	-29.61	Horizontal
3	578.036	-76.04	36.71	-39.33	-13.00	-26.33	Horizontal
4	31.513	-78.51	33.41	-45.10	-13.00	-32.10	Vertical
5	222.281	-73.53	28.08	-45.45	-13.00	-32.45	Vertical
6	804.252	-79.22	40.27	-38.95	-13.00	-25.95	Vertical
GRPS_ Highest Channel							
1	97.002	-73.16	26.45	-46.71	-13.00	-33.71	Horizontal
2	231.853	-69.02	28.62	-40.40	-13.00	-27.40	Horizontal
3	578.036	-72.44	36.71	-35.73	-13.00	-22.73	Horizontal
4	32.184	-75.25	32.91	-42.34	-13.00	-29.34	Vertical
5	222.281	-73.81	28.08	-45.73	-13.00	-32.73	Vertical
6	602.929	-73.64	37.66	-35.98	-13.00	-22.98	Vertical

WCDMA Band II							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	32.411	-76.13	32.71	-43.42	-13.00	-30.42	Horizontal
2	231.853	-71.95	28.62	-43.33	-13.00	-30.33	Horizontal
3	578.036	-77.79	36.71	-41.08	-13.00	-28.08	Horizontal
4	43.233	-67.62	26.83	-40.79	-13.00	-27.79	Vertical
5	101.180	-73.01	26.58	-46.43	-13.00	-33.43	Vertical
6	602.929	-77.27	37.66	-39.61	-13.00	-26.61	Vertical
RMC 12.2kbps_ Middle Channel							
1	32.184	-77.50	32.91	-44.59	-13.00	-31.59	Horizontal
2	231.853	-72.35	28.62	-43.73	-13.00	-30.73	Horizontal
3	992.997	-81.59	45.49	-36.10	-13.00	-23.10	Horizontal
4	106.281	-74.33	26.35	-47.98	-13.00	-34.98	Vertical
5	223.848	-73.83	28.17	-45.66	-13.00	-32.66	Vertical
6	602.929	-77.58	37.66	-39.92	-13.00	-26.92	Vertical
RMC 12.2kbps_ Highest Channel							
1	32.184	-77.22	32.91	-44.31	-13.00	-31.31	Horizontal
2	227.016	-70.96	28.36	-42.60	-13.00	-29.60	Horizontal
3	958.714	-81.44	44.08	-37.36	-13.00	-24.36	Horizontal
4	42.931	-74.15	27.01	-47.14	-13.00	-34.14	Vertical
5	107.031	-74.33	26.42	-47.91	-13.00	-34.91	Vertical
6	578.036	-75.31	36.71	-38.60	-13.00	-25.60	Vertical

WCDMA Band IV							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	32.184	-74.17	32.91	-41.26	-13.00	-28.26	Horizontal
2	225.427	-70.76	28.27	-42.49	-13.00	-29.49	Horizontal
3	628.894	-78.23	38.05	-40.18	-13.00	-27.18	Horizontal
4	38.636	-74.18	28.73	-45.45	-13.00	-32.45	Vertical
5	222.281	-72.78	28.08	-44.70	-13.00	-31.70	Vertical
6	578.036	-75.86	36.71	-39.15	-13.00	-26.15	Vertical
RMC 12.2kbps_ Middle Channel							
1	42.931	-70.90	27.01	-43.89	-13.00	-30.89	Horizontal
2	225.427	-70.62	28.27	-42.35	-13.00	-29.35	Horizontal
3	1000.000	-81.71	45.71	-36.00	-13.00	-23.00	Horizontal
4	42.931	-71.19	27.01	-44.18	-13.00	-31.18	Vertical
5	220.724	-73.78	27.97	-45.81	-13.00	-32.81	Vertical
6	578.036	-74.33	36.71	-37.62	-13.00	-24.62	Vertical
RMC 12.2kbps_ Highest Channel							
1	106.281	-72.04	26.35	-45.69	-13.00	-32.69	Horizontal
2	225.427	-70.86	28.27	-42.59	-13.00	-29.59	Horizontal
3	578.036	-76.93	36.71	-40.22	-13.00	-27.22	Horizontal
4	32.184	-76.44	32.91	-43.53	-13.00	-30.53	Vertical
5	222.281	-72.70	28.08	-44.62	-13.00	-31.62	Vertical
6	578.036	-73.36	36.71	-36.65	-13.00	-23.65	Vertical

WCDMA Band V							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	106.281	-72.66	26.35	-46.31	-13.00	-33.31	Horizontal
2	225.427	-70.51	28.27	-42.24	-13.00	-29.24	Horizontal
3	868.886	-74.70	41.04	-33.66	-13.00	-20.66	Horizontal
4	32.184	-76.25	32.91	-43.34	-13.00	-30.34	Vertical
5	106.281	-72.81	26.35	-46.46	-13.00	-33.46	Vertical
6	602.929	-77.30	37.66	-39.64	-13.00	-26.64	Vertical
RMC 12.2kbps_ Middle Channel							
1	97.002	-72.00	26.45	-45.55	-13.00	-32.55	Horizontal
2	227.016	-72.01	28.36	-43.65	-13.00	-30.65	Horizontal
3	578.036	-76.60	36.71	-39.89	-13.00	-26.89	Horizontal
4	32.184	-74.30	32.91	-41.39	-13.00	-28.39	Vertical
5	106.281	-72.76	26.35	-46.41	-13.00	-33.41	Vertical
6	225.427	-74.31	28.27	-46.04	-13.00	-33.04	Vertical
RMC 12.2kbps_ Highest Channel							
1	42.931	-71.20	27.01	-44.19	-13.00	-31.19	Horizontal
2	97.002	-71.00	26.45	-44.55	-13.00	-31.55	Horizontal
3	225.427	-71.44	28.27	-43.17	-13.00	-30.17	Horizontal
4	32.184	-75.28	32.91	-42.37	-13.00	-29.37	Vertical
5	220.724	-74.25	27.97	-46.28	-13.00	-33.28	Vertical
6	602.929	-76.88	37.66	-39.22	-13.00	-26.22	Vertical

Above 1G

GSM 850

No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_Lowest Channel							
1	1648.400	-77.90	22.39	-55.51	-13.00	-42.51	Horizontal
2	2472.600	-74.01	29.16	-44.85	-13.00	-31.85	Horizontal
3	1648.400	-76.46	24.03	-52.43	-13.00	-39.43	Vertical
4	2472.600	-76.29	31.49	-44.80	-13.00	-31.80	Vertical
GPRS_Middle Channel							
1	1673.200	-76.85	22.59	-54.26	-13.00	-41.26	Horizontal
2	2509.800	-74.55	29.17	-45.38	-13.00	-32.38	Horizontal
3	1673.200	-77.99	24.31	-53.68	-13.00	-40.68	Vertical
4	2509.800	-77.60	31.46	-46.14	-13.00	-33.14	Vertical
GPRS_Highest Channel							
1	1697.600	-78.45	22.78	-55.67	-13.00	-42.67	Horizontal
2	2546.400	-71.45	29.22	-42.23	-13.00	-29.23	Horizontal
3	1697.600	-76.35	24.59	-51.76	-13.00	-38.76	Vertical
4	2546.400	-73.11	31.45	-41.66	-13.00	-28.66	Vertical

PCS 1900

No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_Lowest Channel							
1	3700.400	-76.96	33.77	-43.19	-13.00	-30.19	Horizontal
2	5550.600	-71.27	36.02	-35.25	-13.00	-22.25	Horizontal
3	3700.400	-76.17	35.13	-41.04	-13.00	-28.04	Vertical
4	5550.600	-70.62	36.91	-33.71	-13.00	-20.71	Vertical
GPRS_Middle Channel							
1	3760.000	-75.93	33.87	-42.06	-13.00	-29.06	Horizontal
2	5640.000	-70.66	36.10	-34.56	-13.00	-21.56	Horizontal
3	3760.000	-75.69	35.28	-40.41	-13.00	-27.41	Vertical
4	5640.000	-70.99	36.97	-34.02	-13.00	-21.02	Vertical
GPRS_Highest Channel							
1	3819.600	-75.52	33.98	-41.54	-13.00	-28.54	Horizontal
2	5729.400	-70.36	36.37	-33.99	-13.00	-20.99	Horizontal
3	3819.600	-75.98	35.44	-40.54	-13.00	-27.54	Vertical
4	5729.400	-70.16	37.23	-32.93	-13.00	-19.93	Vertical

WCDMA Band II							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	3704.800	-61.77	13.78	-47.99	-13.00	-34.99	Horizontal
2	5557.500	-52.73	16.01	-36.72	-13.00	-23.72	Horizontal
3	3704.800	-62.71	15.14	-47.57	-13.00	-34.57	Vertical
4	5557.500	-55.55	16.90	-38.65	-13.00	-25.65	Vertical
RMC 12.2kbps_ Middle Channel							
1	3760.000	-62.30	13.87	-48.43	-13.00	-35.43	Horizontal
2	5640.000	-55.38	16.10	-39.28	-13.00	-26.28	Horizontal
3	3760.000	-63.78	15.28	-48.50	-13.00	-35.50	Vertical
4	5640.000	-56.80	16.97	-39.83	-13.00	-26.83	Vertical
RMC 12.2kbps_ Highest Channel							
1	3815.200	-64.02	13.97	-50.05	-13.00	-37.05	Horizontal
2	5722.800	-56.52	16.35	-40.17	-13.00	-27.17	Horizontal
3	3815.200	-62.09	15.43	-46.66	-13.00	-33.66	Vertical
4	5722.800	-54.66	17.21	-37.45	-13.00	-24.45	Vertical

WCDMA Band IV							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	3424.800	-48.80	12.45	-36.35	-13.00	-23.35	Horizontal
2	5137.200	-43.71	16.11	-27.60	-13.00	-14.60	Horizontal
3	3424.800	-50.89	13.70	-37.19	-13.00	-24.19	Vertical
4	5137.200	-45.47	17.08	-28.39	-13.00	-15.39	Vertical
RMC 12.2kbps_ Middle Channel							
1	3464.800	-49.94	12.74	-37.20	-13.00	-24.20	Horizontal
2	5197.200	-51.83	16.21	-35.62	-13.00	-22.62	Horizontal
3	3464.800	-51.30	13.97	-37.33	-13.00	-24.33	Vertical
4	5197.200	-53.89	17.17	-36.72	-13.00	-23.72	Vertical
RMC 12.2kbps_ Highest Channel							
1	3505.200	-45.15	13.03	-32.12	-13.00	-19.12	Horizontal
2	5257.800	-43.77	16.20	-27.57	-13.00	-14.57	Horizontal
3	3505.200	-56.53	14.24	-42.29	-13.00	-29.29	Vertical
4	5257.800	-46.00	17.15	-28.85	-13.00	-15.85	Vertical

WCDMA Band V							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	1652.800	-47.43	2.43	-45.00	-13.00	-32.00	Horizontal
2	2479.200	-49.49	9.16	-40.33	-13.00	-27.33	Horizontal
3	1652.800	-55.34	4.08	-51.26	-13.00	-38.26	Vertical
4	2479.200	-55.72	11.48	-44.24	-13.00	-31.24	Vertical
RMC 12.2kbps_ Middle Channel							
1	1672.800	-48.70	2.59	-46.11	-13.00	-33.11	Horizontal
2	2509.200	-43.96	9.17	-34.79	-13.00	-21.79	Horizontal
3	1672.800	-61.11	4.31	-56.80	-13.00	-43.80	Vertical
4	2509.200	-52.11	11.46	-40.65	-13.00	-27.65	Vertical
RMC 12.2kbps_ Highest Channel							
1	1693.200	-50.12	2.75	-47.37	-13.00	-34.37	Horizontal
2	2539.800	-41.66	9.22	-32.44	-13.00	-19.44	Horizontal
3	1693.200	-59.91	4.54	-55.37	-13.00	-42.37	Vertical
4	2539.800	-53.85	11.45	-42.40	-13.00	-29.40	Vertical

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit

5.9 FREQUENCY STABILITY

Test Requirement: FCC 47 CFR Part 2.1055 &
 FCC 47 CFR Part 22.355 &
 FCC 47 CFR Part 24.235 &
 FCC 47 CFR Part 27.54

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limits:

FCC 47 CFR Part 22.355,

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

FCC 47 CFR Part 24.235, FCC 47 CFR Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Setup: Refer to section 4.2.2 for details.

Test Procedures:

- 1) Use CMW 500 with Frequency Error measurement capability.
 - a) Temp. = -30° to $+50^{\circ}\text{C}$
 - b) Voltage = low voltage, 3.5 Vdc, Normal, 3.85 Vdc and High voltage, 4.4 Vdc.
- 2) Frequency Stability vs Temperature:

The EUT is place inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize.

After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

Equipment Used: Refer to section 3 for details.

Test Result: Pass

Modulation	Channel/ Frequency (MHz)	Voltage	Temperature	Deviation	Deviation	Limit	Result
		(Vdc)	($^{\circ}\text{C}$)	(Hz)	(ppm)	(ppm)	
GSM 850							
GPRS	190 / 836.6	VL	TN	39	0.0466	± 2.5	Pass
		VN		42	0.0502	± 2.5	Pass
		VH		35	0.0418	± 2.5	Pass
			VN	50	40	± 2.5	Pass
				40	44	± 2.5	Pass
				30	41	± 2.5	Pass
				20	41	± 2.5	Pass
				10	39	± 2.5	Pass
				0	43	± 2.5	Pass
				-10	40	± 2.5	Pass
				-20	34	± 2.5	Pass
				-30	40	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
GSM 850							
EDGE	190 / 836.6	VL	TN	38	0.0454	± 2.5	Pass
		VN		41	0.0490	± 2.5	Pass
		VH		38	0.0454	± 2.5	Pass
		50	40	0.0478	± 2.5	Pass	
		40	38	0.0454	± 2.5	Pass	
		30	42	0.0502	± 2.5	Pass	
		20	38	0.0454	± 2.5	Pass	
		10	39	0.0466	± 2.5	Pass	
		0	33	0.0394	± 2.5	Pass	
		-10	37	0.0442	± 2.5	Pass	
		-20	36	0.0430	± 2.5	Pass	
		-30	33	0.0394	± 2.5	Pass	

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
PCS 1900							
GPRS	661 / 1880.0	VL	TN	-28	-0.0149	N/A	Pass
		VN		-28	-0.0149		Pass
		VH		-25	-0.0133		Pass
		50	31	-0.0165			Pass
		40	29	-0.0154			Pass
		30	29	-0.0154			Pass
		20	23	-0.0122			Pass
		10	25	-0.0133			Pass
		0	23	-0.0122			Pass
		-10	28	-0.0149			Pass
		-20	31	-0.0165			Pass
		-30	27	-0.0144			Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
PCS 1900							
EDGE	661 / 1880.0	VL	TN	-28	-0.0149	Note 1	Pass
		VN		-31	-0.0165		Pass
		VH		-28	-0.0149		Pass
		50	30	-0.0160			Pass
		40	27	-0.0144			Pass
		30	27	-0.0144			Pass
		20	29	-0.0154			Pass
		10	31	-0.0165			Pass
		0	31	-0.0165			Pass
		-10	33	-0.0176			Pass
		-20	29	-0.0154			Pass
		-30	29	-0.0154			Pass

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Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
WCDMA Band II							
RMC 12.2kbps	9400 / 1880.0	VL VN VH VN	TN	-33	-0.0176	N/A	Pass
				-26	-0.0138		Pass
				-32	-0.0170		Pass
			50	-34	-0.0181		Pass
			40	-28	-0.0149		Pass
			30	-33	-0.0176		Pass
			20	-31	-0.0165		Pass
			10	-34	-0.0181		Pass
			0	-36	-0.0191		Pass
			-10	-29	-0.0154		Pass
			-20	-30	-0.0160		Pass
			-30	-34	-0.0181		Pass
WCDMA Band IV							
RMC 12.2kbps	1412 / 1732.4	VL VN VH VN	TN	-28	-0.0162	N/A	Pass
				-21	-0.0121		Pass
				-31	-0.0179		Pass
			50	-28	-0.0162		Pass
			40	-23	-0.0133		Pass
			30	-27	-0.0156		Pass
			20	-33	-0.0190		Pass
			10	-28	-0.0162		Pass
			0	-28	-0.0162		Pass
			-10	-25	-0.0144		Pass
			-20	-29	-0.0167		Pass
			-30	-27	-0.0156		Pass
WCDMA Band V							
RMC 12.2kbps	4182 / 836.4	VL VN VH VN	TN	31	0.0371	± 2.5	Pass
				33	0.0395	± 2.5	Pass
				29	0.0347	± 2.5	Pass
			50	31	0.0371	± 2.5	Pass
			40	33	0.0395	± 2.5	Pass
			30	34	0.0407	± 2.5	Pass
			20	33	0.0395	± 2.5	Pass
			10	31	0.0371	± 2.5	Pass
			0	35	0.0418	± 2.5	Pass
			-10	31	0.0371	± 2.5	Pass
			-20	33	0.0395	± 2.5	Pass
			-30	34	0.0407	± 2.5	Pass

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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