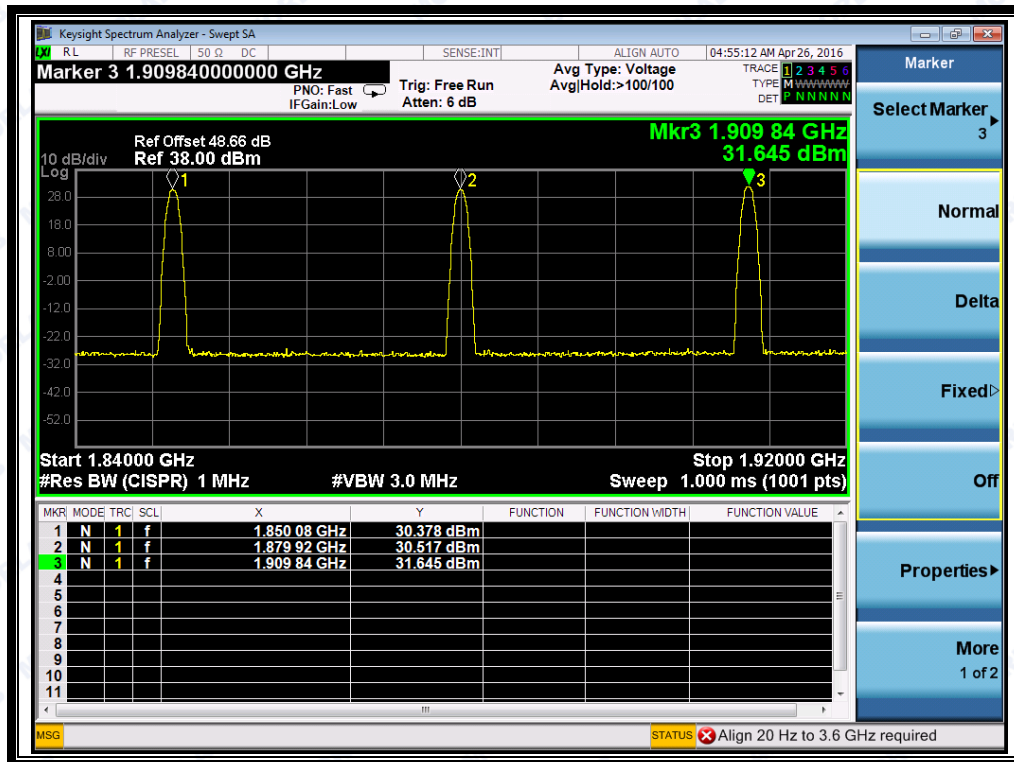
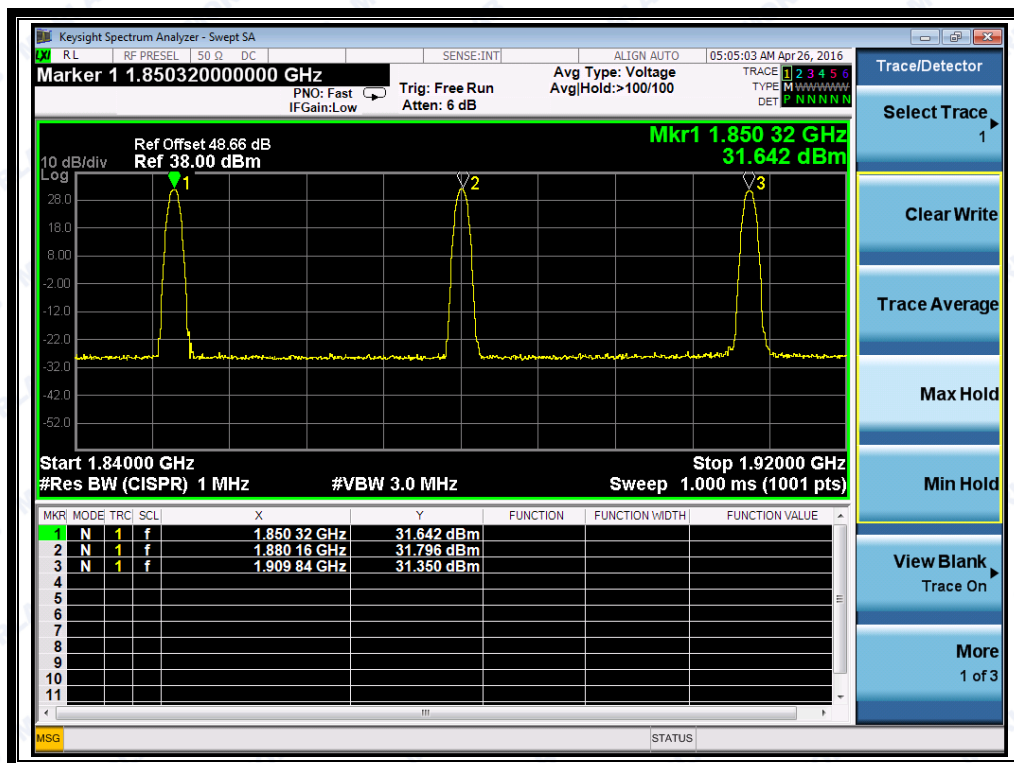




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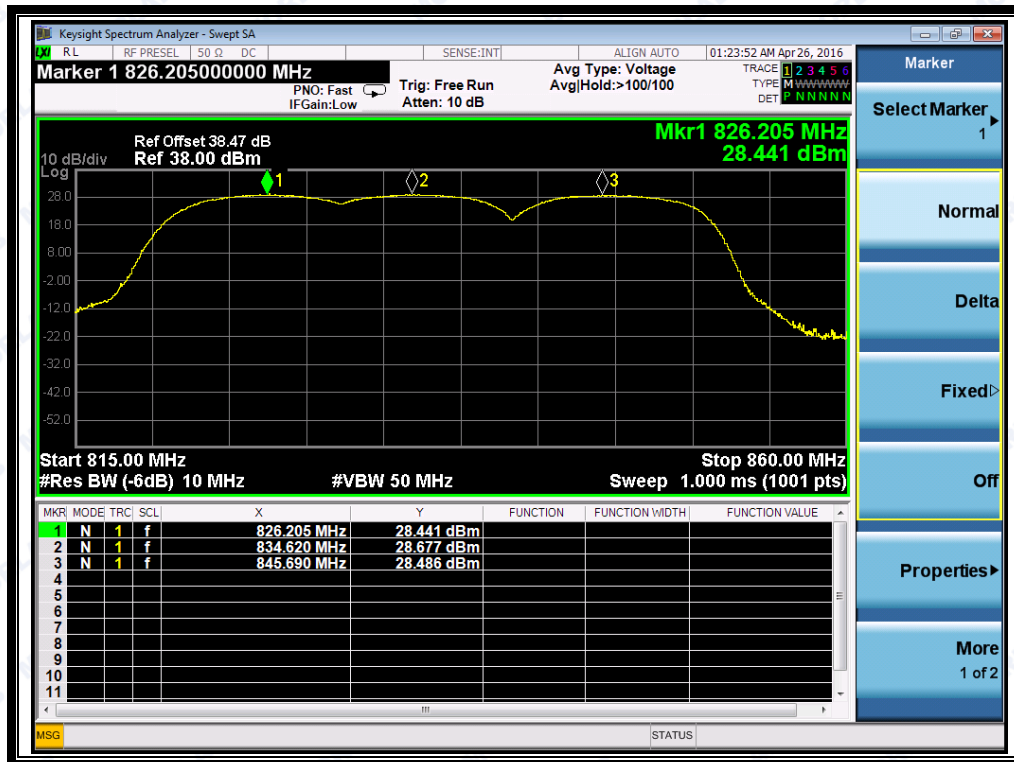
(Plot E: GPRS 1900MHz Channel = 512, 661, 810)



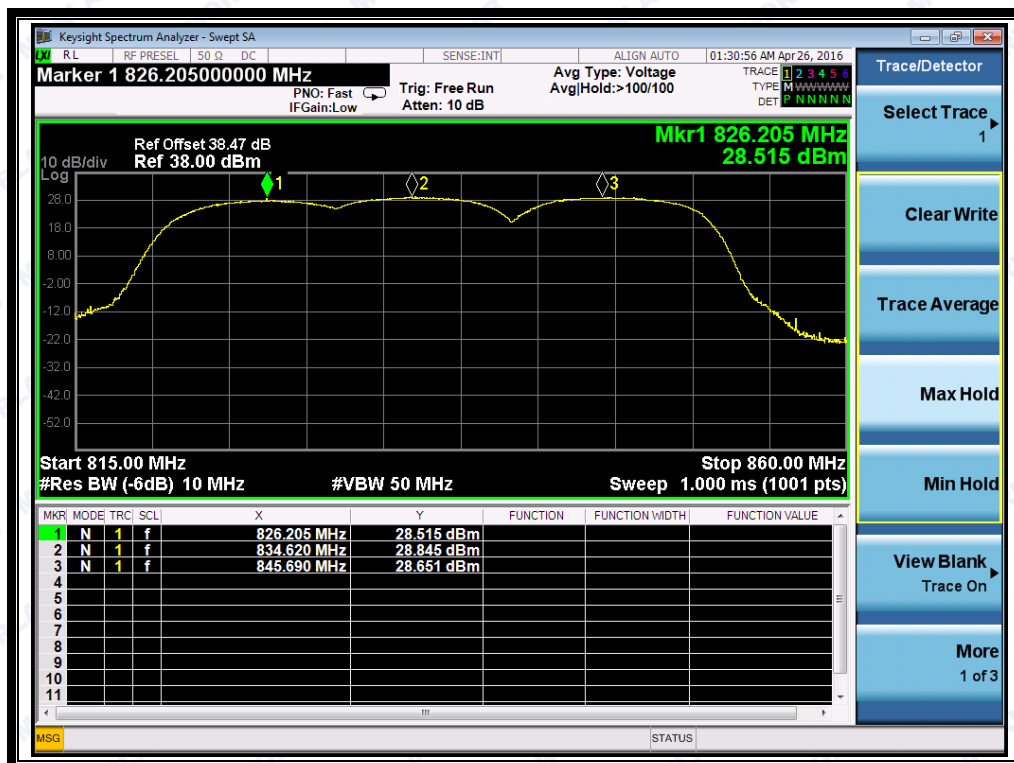
(Plot F: EGPRS 1900MHz Channel = 512, 661, 810)



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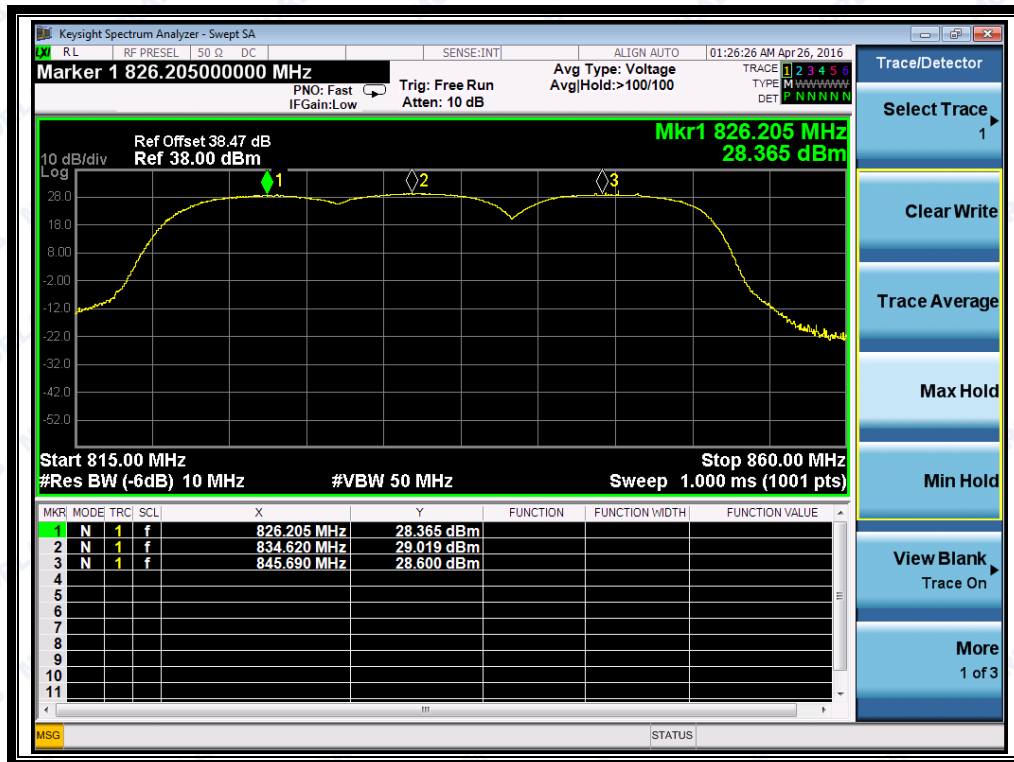
(Plot G: WCDMA 850 MHz Channel = 4132, 4175, 4233)



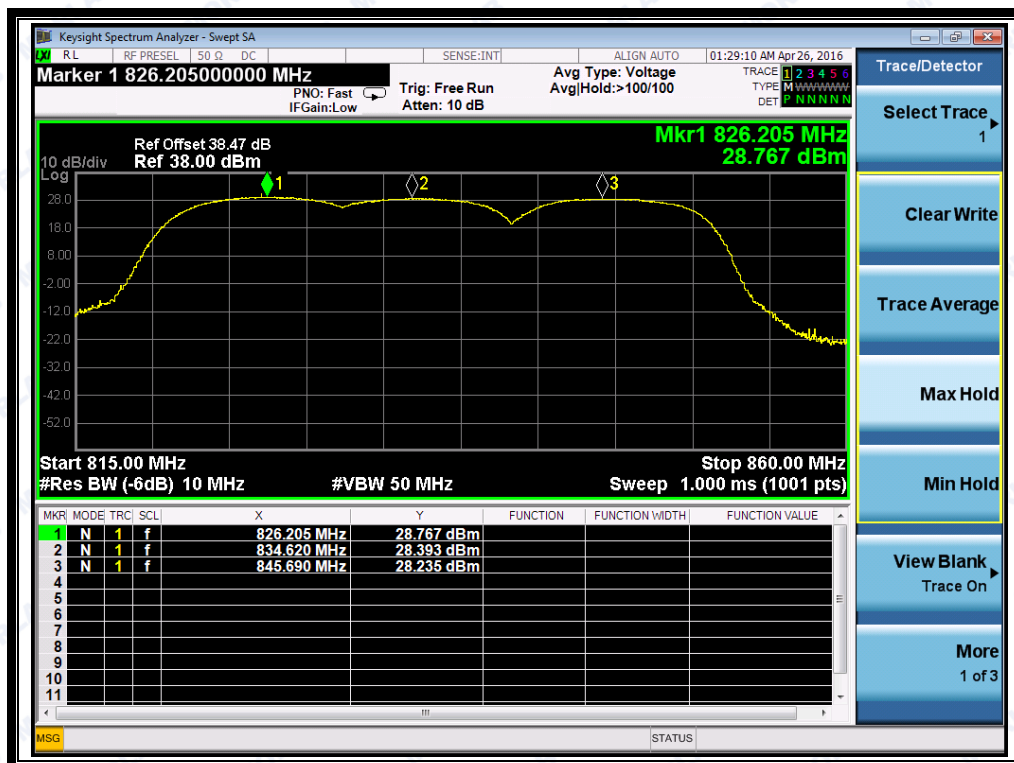
(Plot H: HSDPA 850 MHz Channel = 4132, 4175, 4233)



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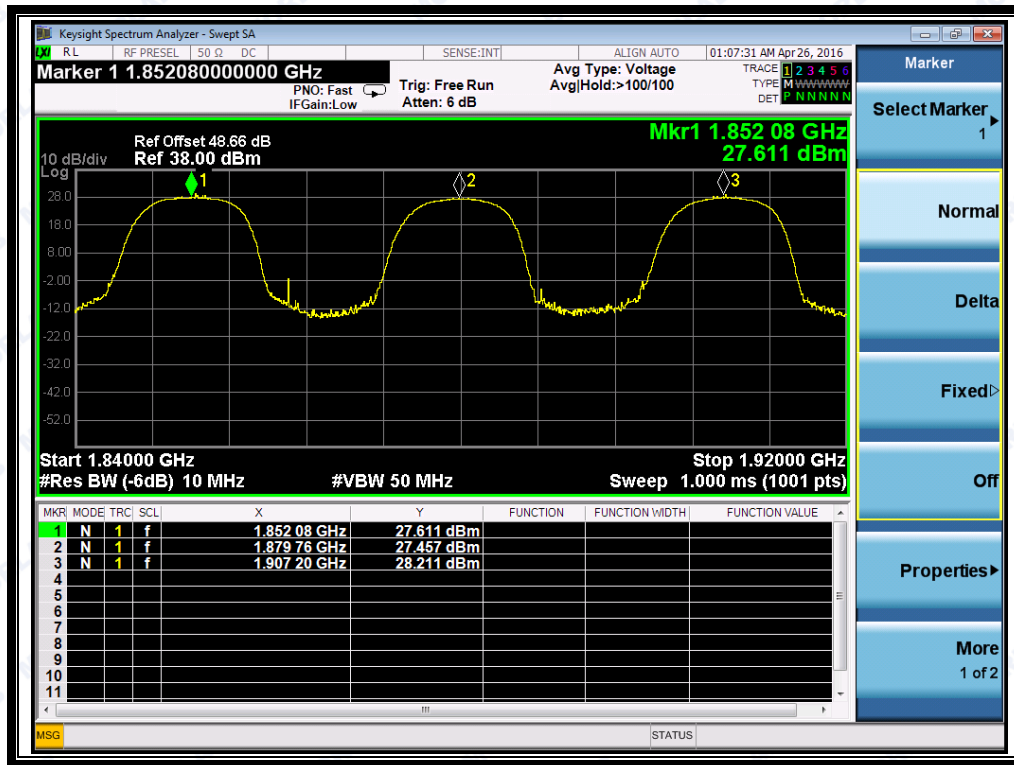
(Plot I: HSUPA 850 MHz Channel = 4132, 4175, 4233)



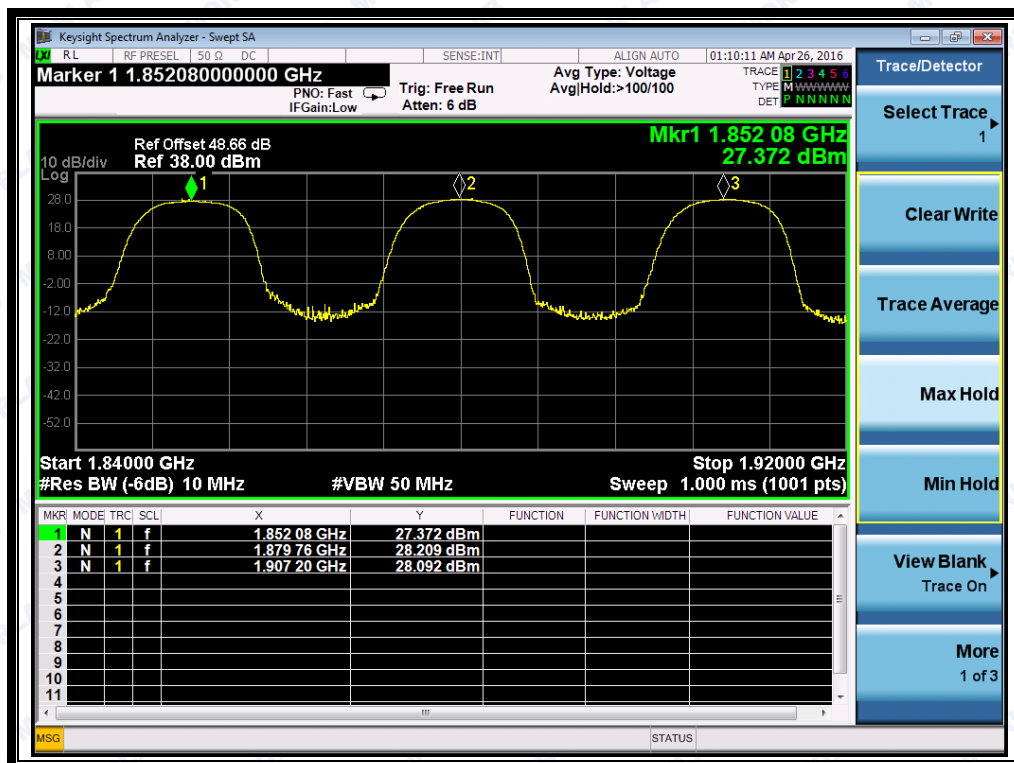
(Plot J: HSPA+ 850 MHz Channel = 4132, 4175, 4233)



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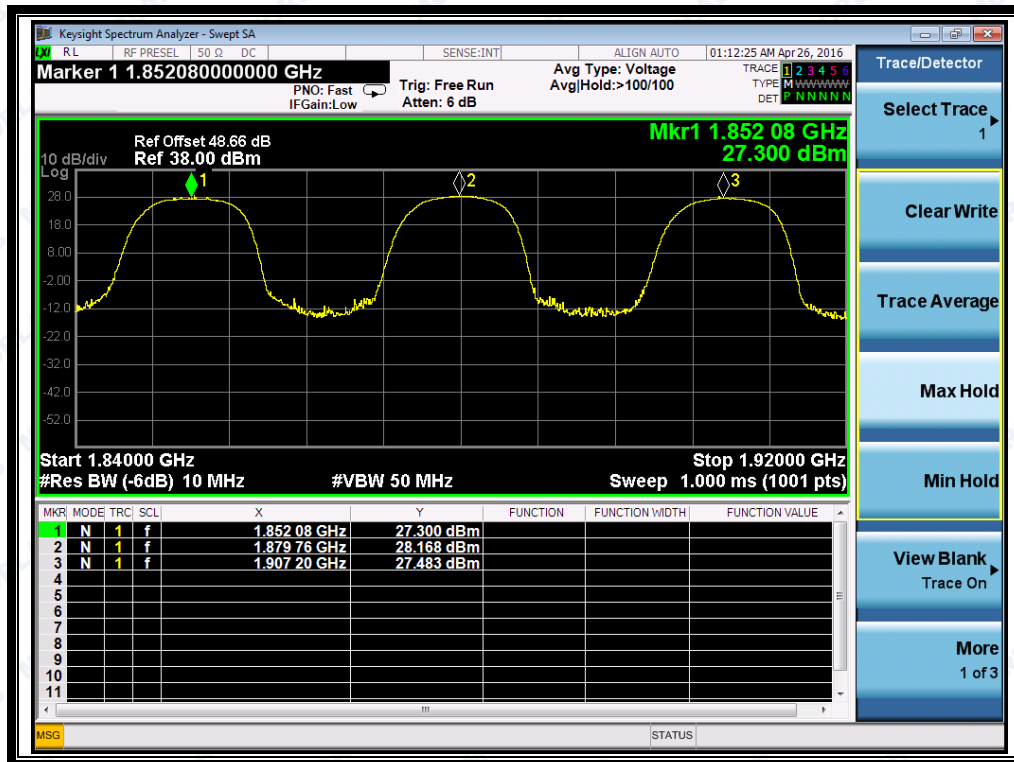
(Plot K: WCDMA 1900 MHz Channel = 9262, 9400, 9538)



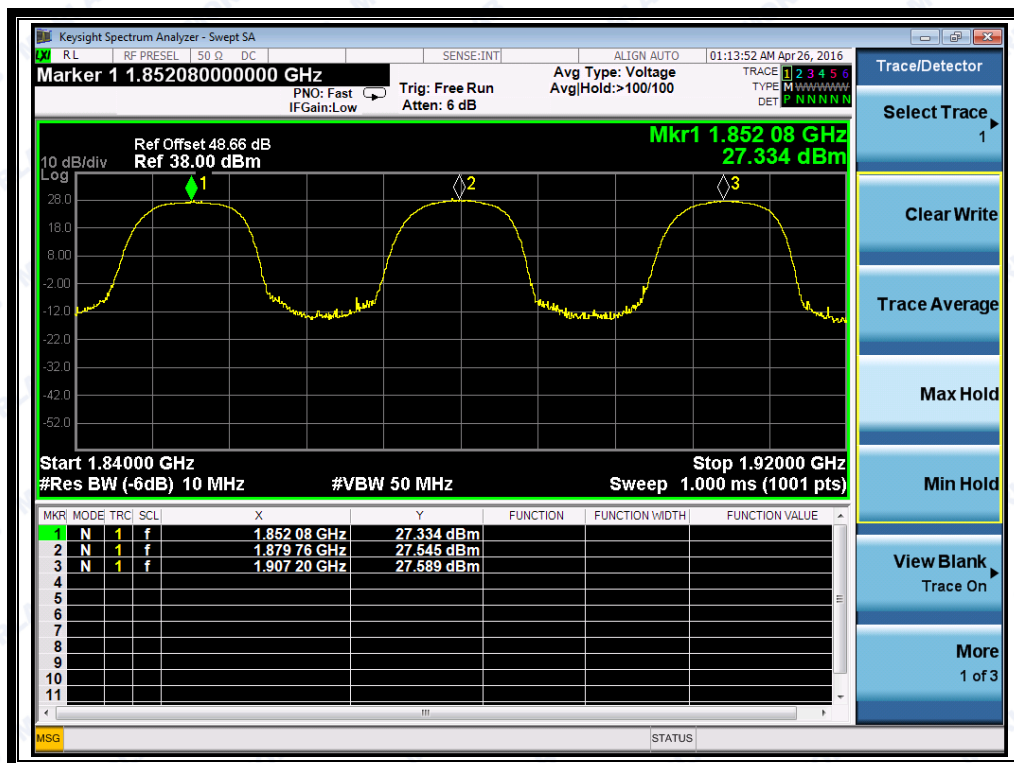
(Plot L: HSDPA 1900 MHz Channel = 9262, 9400, 9538)



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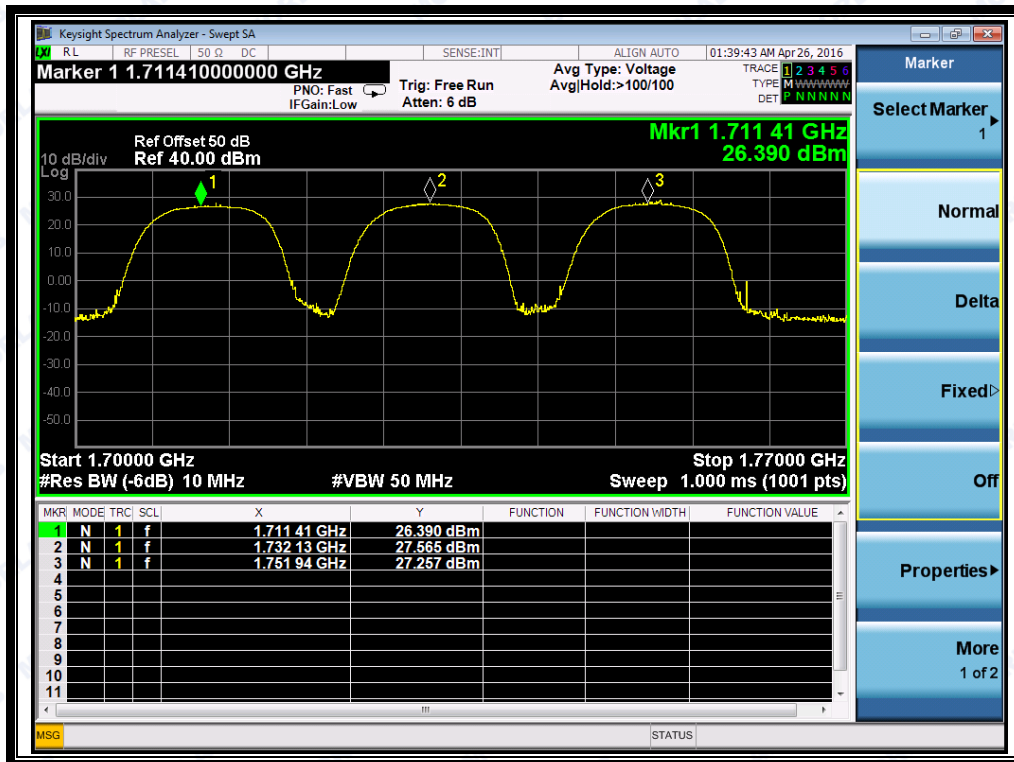
(Plot M: HSUPA1900 MHz Channel = 9262, 9400, 9538)



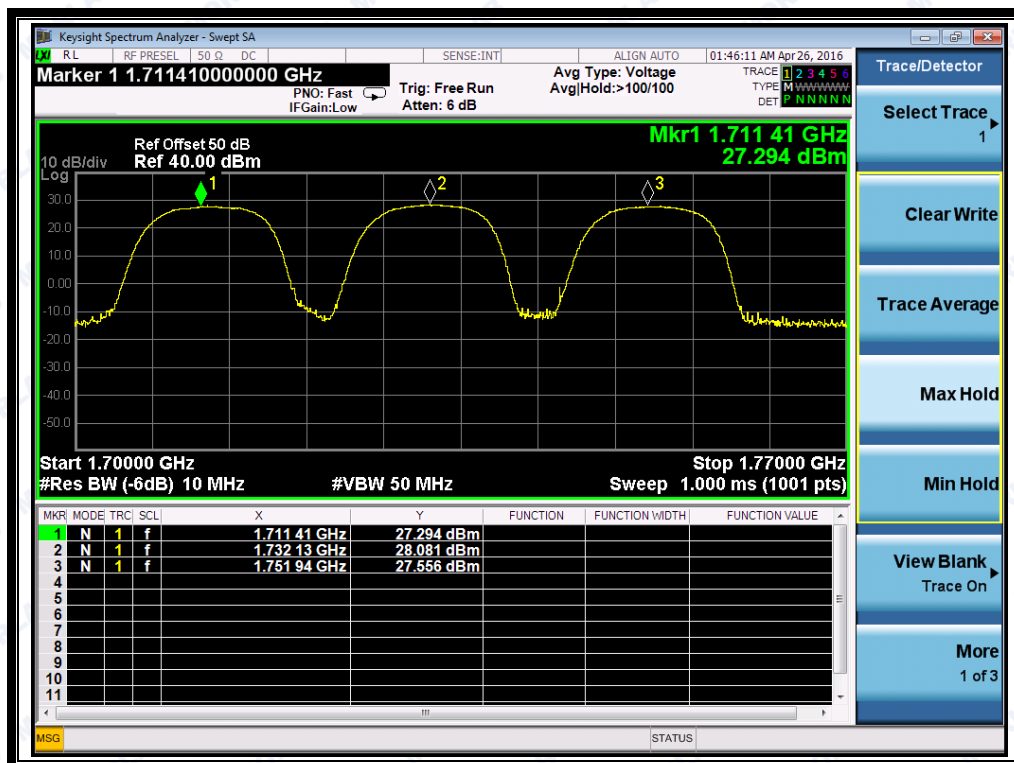
(Plot N: HSPA+ 1900 MHz Channel = 9262, 9400, 9538)



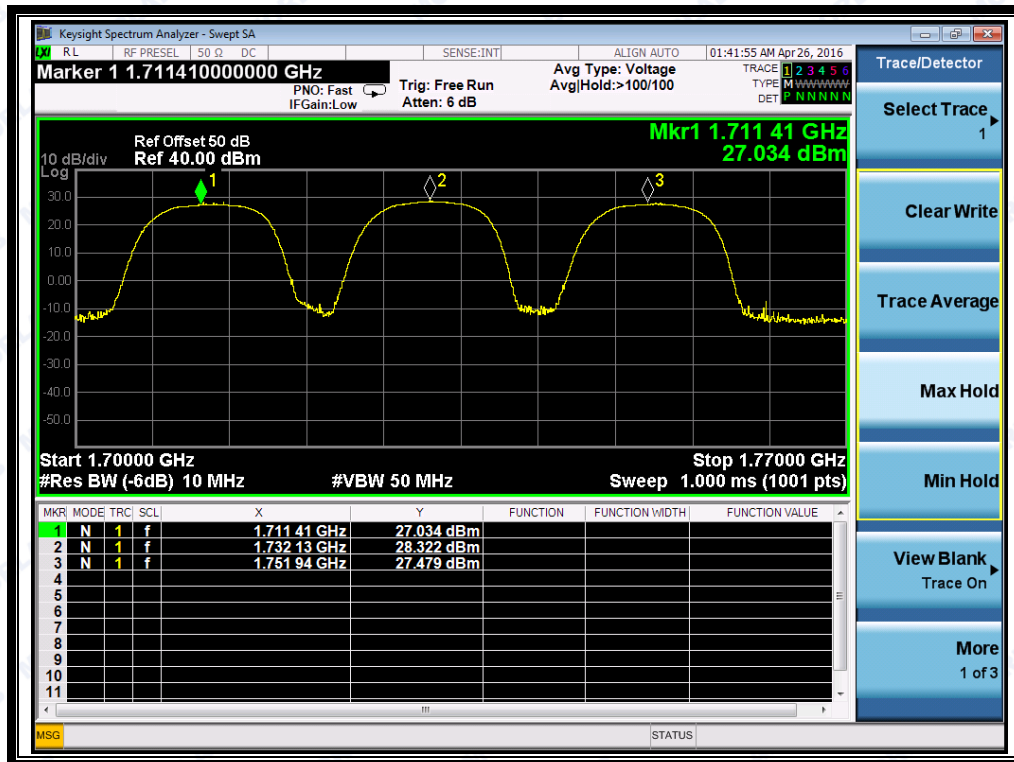
REPORT No.: SZ16030142W04



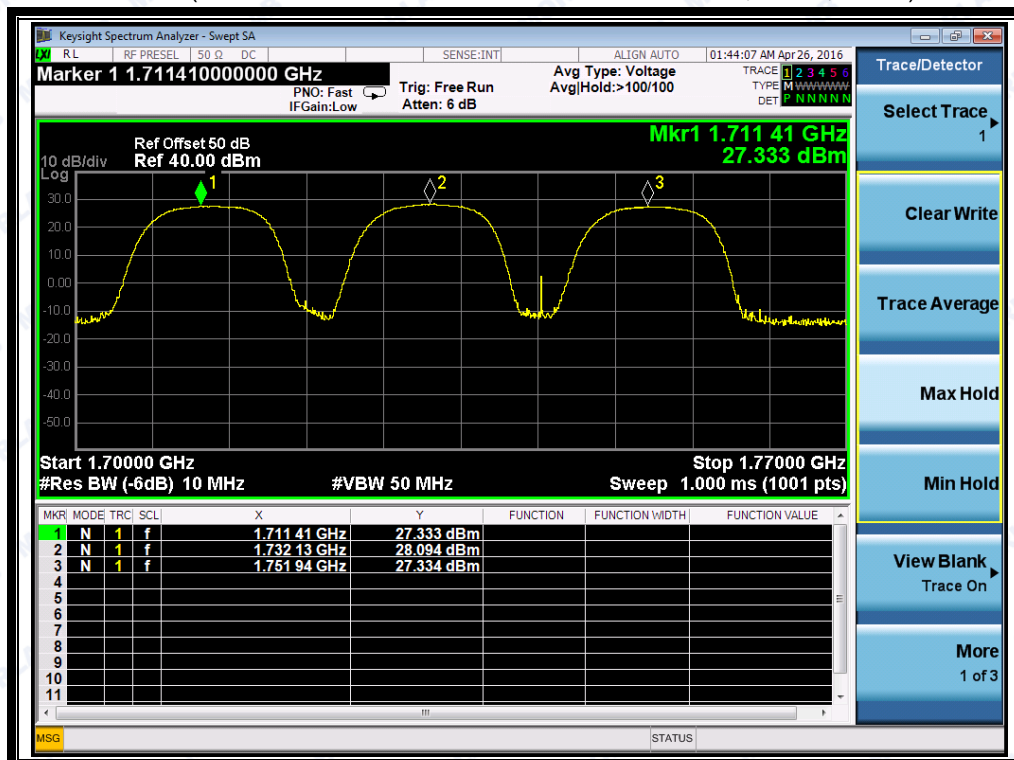
(Plot O: WCDMA 1700 MHz Channel = 1312, 1412, 1513)



(Plot P: HSDPA 1700 MHz Channel = 1312, 1412, 1513)



(Plot Q: HSUPA1700 MHz Channel = 1312, 1412, 1513)



(Plot R: HSPA+1700 MHz Channel = 1312, 1412, 1513)



2.8 Radiated Out of Band Emissions

2.8.1 Requirement

According to FCC section 22.917(a) and section 24.238(a) 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. This calculated to be -13dBm.

The spurious emission with frequency band 1900 according to FCC section 2.1057.

2.8.2 Test Description

See section 2.7.2 of this report.

Equipment List:

Description	Manufacturer	Model	Serial No.	Cal.Date	Cal.Due
System Simulator	Agilent	E5515C	GB43130131	2016.03.02	2017.03.01
Spectrum Analyzer	Agilent	E7405A	US44210471	2016.03.02	2017.03.01
Full-Anechoic Chamber	Albatross	9m*6m*6m	(n.a.)	2016.03.02	2017.03.01
Test Antenna - Bi-Log	Schwarzbeck	VULB 9163	9163-274	2016.03.02	2017.03.01
Test Antenna - Horn	Schwarzbeck	BBHA 9120C	9120C-384	2016.03.02	2017.03.01
Substitution Antenna	Schwarzbeck	BBHA 9120C	9120C-384	2016.03.02	2017.03.01
Pre-AMPs	lucix	S10M100L3802	S020180L3203	2016.03.02	2017.03.01
Notch Filter	COM-MW	ZBSF-C836.5-25-X	NA	2016.03.02	2017.03.01
Notch Filter	COM-MW	ZBSF-C1747.5-75-X2	NA	2016.03.02	2017.03.01
Notch Filter	COM-MW	ZBSF-C1880-60-X2	NA	2016.03.02	2017.03.01

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.8.3 Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

1. Test Verdict:



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Band	Channel	Frequency (MHz)	Measured Max. Spurious Emission (dBm)		Refer to Plot	Limit (dBm)	Verdict
			Test Antenna Horizontal	Test Antenna Vertical			
GSM 850MHz	128	824.2	< -25	< -25	Plot A1/A2	-13	PASS
	190	836.6	< -25	< -25	Plot A3/A4		PASS
	251	848.8	< -25	< -25	Plot A5/A6		PASS
GSM 1900MHz	512	1850.2	< -25	< -25	Plot B1/B2	-13	PASS
	661	1880.0	< -25	< -25	Plot B3/B4		PASS
	810	1909.8	< -25	< -25	Plot B5/B6		PASS
EGPRS 850MHz	128	824.2	< -25	< -25	Plot C1/C2	-13	PASS
	190	836.6	< -25	< -25	Plot C3/C4		PASS
	251	848.8	< -25	< -25	Plot C5/C6		PASS
EGPRS 1900MHz	512	1850.2	< -25	< -25	Plot D1/D2	-13	PASS
	661	1880.0	< -25	< -25	Plot D3/D4		PASS
	810	1909.8	< -25	< -25	Plot D5/D6		PASS
WCDMA 850MHz	4132	826.4	< -25	< -25	Plot E1/E2	-13	PASS
	4175	835.0	< -25	< -25	Plot E3/E4		PASS
	4233	846.6	< -25	< -25	Plot E5/E6		PASS
WCDMA 1700MHz	1312	1712.4	< -25	< -25	Plot F1/F2	-13	PASS
	1412	1732.4	< -25	< -25	Plot F3/F4		PASS
	1513	1752.6	< -25	< -25	Plot F5/F6		PASS
WCDMA 1900MHz	9262	1852.4	< -25	< -25	Plot G1/G2	-13	PASS
	9400	1880.0	< -25	< -25	Plot G3/G4		PASS
	9538	1907.6	< -25	< -25	Plot G5/G6		PASS
HSDPA 850MHz	4132	826.4	< -25	< -25	Plot H1/H2	-13	PASS
	4175	835.0	< -25	< -25	Plot H3/H4		PASS
	4233	846.6	< -25	< -25	Plot H5/H6		PASS
HSDPA 1700MHz	1312	1712.4	< -25	< -25	Plot I1/I2	-13	PASS
	1412	1732.4	< -25	< -25	Plot I3/I4		PASS
	1513	1752.6	< -25	< -25	Plot I5/I6		PASS
HSDPA 1900MHz	9262	1852.4	< -25	< -25	Plot J1/J2	-13	PASS
	9400	1880.0	< -25	< -25	Plot J3/J4		PASS
	9538	1907.6	< -25	< -25	Plot J5/J6		PASS
HSUPA 850MHz	4132	826.4	< -25	< -25	Plot K1/K2	-13	PASS
	4175	835.0	< -25	< -25	Plot K3/K4		PASS
	4233	846.6	< -25	< -25	Plot K5/K6		PASS



Band	Channel	Frequency (MHz)	Measured Max. Spurious Emission (dBm)		Refer to Plot	Limit (dBm)	Verdict
			Test Antenna Horizontal	Test Antenna Vertical			
HSUPA 1700MHz	1312	1712.4	< -25	< -25	Plot L1/L2	-13	PASS
	1412	1732.4	< -25	< -25	Plot L3/L4		PASS
	1513	1752.6	< -25	< -25	Plot L5/L6		PASS
HSUPA 1900MHz	9262	1852.4	< -25	< -25	Plot M1/M2	-13	PASS
	9400	1880.0	< -25	< -25	Plot M3/M4		PASS
	9538	1907.6	< -25	< -25	Plot M5/M6		PASS
HSPA+ 850MHz	4132	826.4	< -25	< -25	Plot N1/N2	-13	PASS
	4175	835.0	< -25	< -25	Plot N3/N4		PASS
	4233	846.6	< -25	< -25	Plot N5/N6		PASS
HSPA+ 1700MHz	1312	1712.4	< -25	< -25	Plot O1/O2	-13	PASS
	1412	1732.4	< -25	< -25	Plot O3/O4		PASS
	1513	1752.6	< -25	< -25	Plot O5/O6		PASS
HSPA+ 1900MHz	9262	1852.4	< -25	< -25	Plot P1/P2	-13	PASS
	9400	1880.0	< -25	< -25	Plot P3/P4		PASS
	9538	1907.6	< -25	< -25	Plot P5/P6		PASS

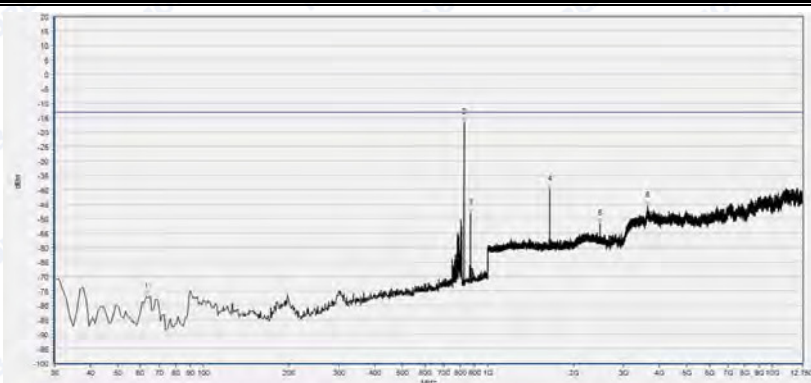
2. Test Plots for the Whole Measurement Frequency Range:

Note1: the power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

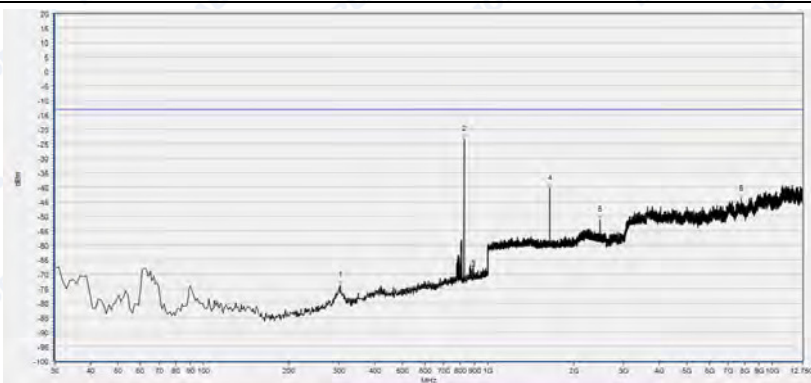


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-76.93	-13.00	Horizontal	PASS
2	824.430	-16.73	-13.00	Horizontal	N.A
3	869.050	-47.93	-13.00	Horizontal	N.A
4	1648.579	-39.83	-13.00	Horizontal	PASS
5	2472.589	-51.72	-13.00	Horizontal	PASS
6	3642.871	-45.54	-13.00	Horizontal	PASS

(Plot A1: GSM 850MHz Channel = 128, Test Antenna Horizontal)

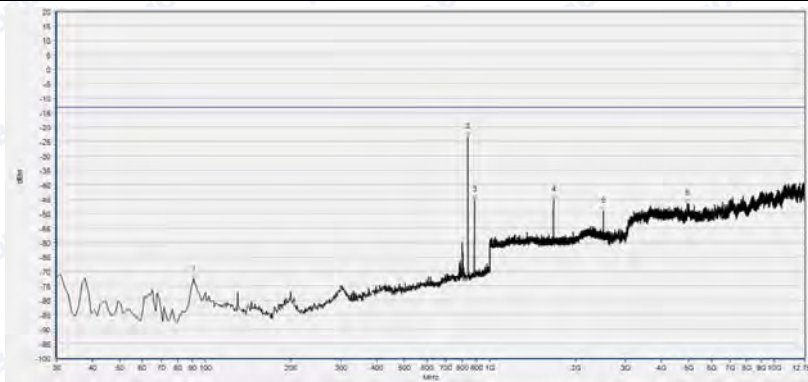


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	302.570	-73.86	-13.00	Vertical	PASS
2	824.430	-23.33	-13.00	Vertical	N.A
3	887.480	-66.72	-13.00	Vertical	N.A
4	1647.939	-40.46	-13.00	Vertical	PASS
5	2472.589	-51.13	-13.00	Vertical	PASS
6	7775.596	-44.16	-13.00	Vertical	PASS

(Plot A2: GSM 850MHz Channel = 128, Test Antenna Vertical)



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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	91.110	-72.64	-13.00	Horizontal	PASS
2	836.070	-23.36	-13.00	Horizontal	N.A
3	881.660	-45.17	-13.00	Horizontal	N.A
4	1672.909	-45.35	-13.00	Horizontal	PASS
5	2509.724	-49.05	-13.00	Horizontal	PASS
6	4949.691	-46.38	-13.00	Horizontal	PASS

(Plot A3: GSM850MHz Channel = 190, Test Antenna Horizontal)

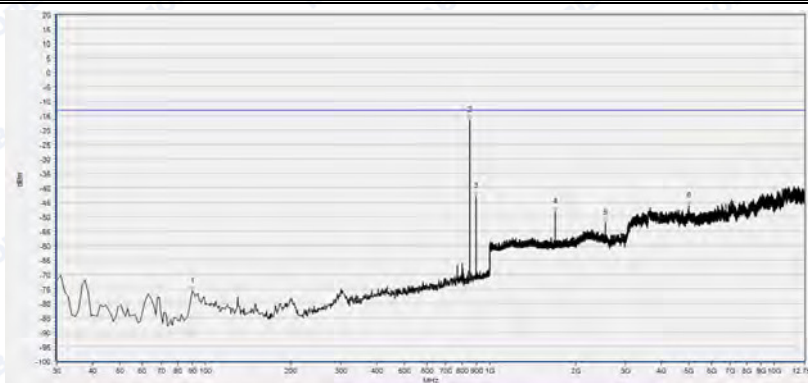


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-68.27	-13.00	Vertical	PASS
2	836.070	-28.23	-13.00	Vertical	N.A
3	881.660	-64.22	-13.00	Vertical	N.A
4	1672.909	-45.50	-13.00	Vertical	PASS
5	2509.724	-48.54	-13.00	Vertical	PASS
6	8386.552	-43.40	-13.00	Vertical	PASS

(Plot A4: GSM 850MHz Channel = 190, Test Antenna Vertical)

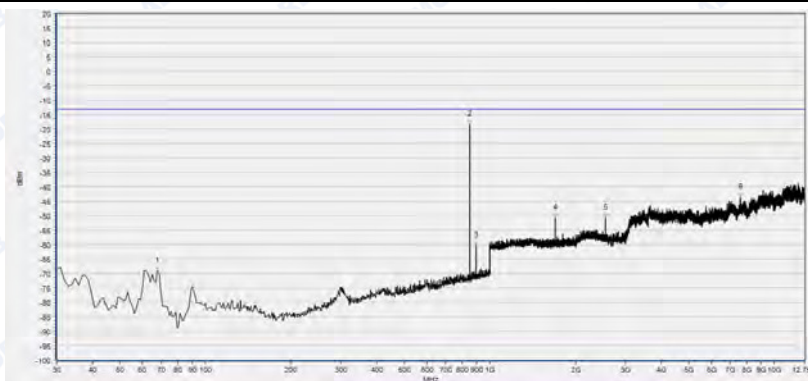


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-75.79	-13.00	Horizontal	PASS
2	848.680	-16.56	-13.00	Horizontal	N.A
3	894.270	-42.77	-13.00	Horizontal	N.A
4	1697.239	-48.42	-13.00	Horizontal	PASS
5	2546.218	-52.18	-13.00	Horizontal	PASS
6	5008.756	-46.21	-13.00	Horizontal	PASS

(Plot A5: GSM 850MHz Channel = 251, Test Antenna Horizontal)

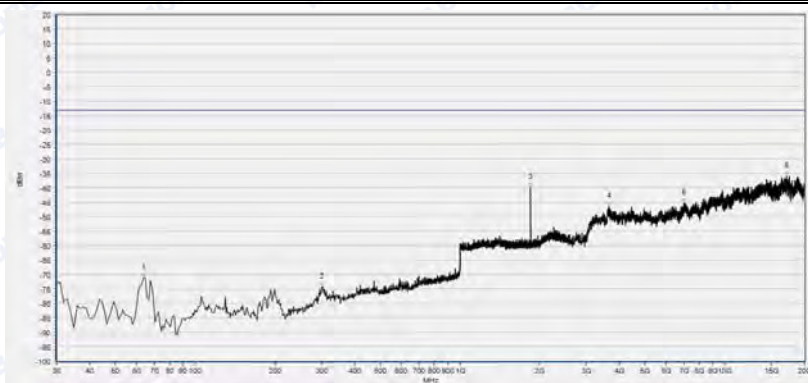


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-69.15	-13.00	Vertical	PASS
2	848.680	-18.43	-13.00	Vertical	N.A
3	894.270	-60.18	-13.00	Vertical	N.A
4	1697.239	-50.75	-13.00	Vertical	PASS
5	2546.218	-50.75	-13.00	Vertical	PASS
6	7589.171	-43.57	-13.00	Vertical	PASS

(Plot A6: GSM 850MHz Channel = 251, Test Antenna Vertical)



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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-71.12	-13.00	Horizontal	PASS
2	301.600	-74.23	-13.00	Horizontal	PASS
3	1850.260	-39.67	-13.00	Horizontal	PASS
4	3650.518	-46.50	-13.00	Horizontal	PASS
5	7026.732	-45.19	-13.00	Horizontal	PASS
6	17155.374	-36.02	-13.00	Horizontal	PASS

(Plot B1: GSM 1900MHz Channel = 512, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.34	-13.00	Vertical	PASS
2	286.080	-74.56	-13.00	Vertical	PASS
3	832.190	-68.62	-13.00	Vertical	PASS
4	1850.260	-45.88	-13.00	Vertical	N.A
5	3745.445	-46.35	-13.00	Vertical	PASS
6	18854.555	-34.57	-13.00	Vertical	PASS

(Plot B2: GSM 1900MHz Channel = 512, Test Antenna Vertical)

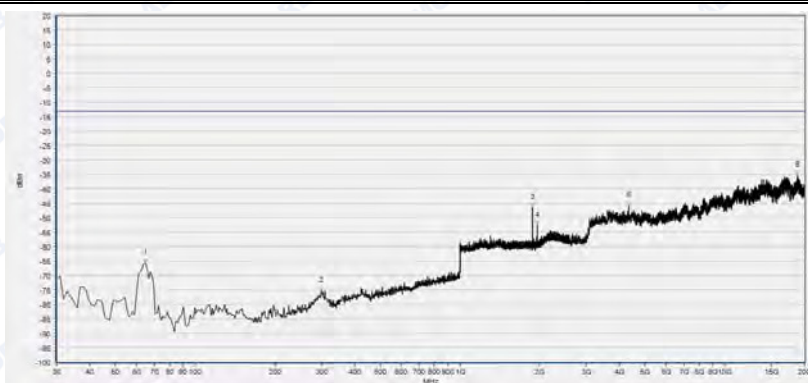


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-68.77	-13.00	Horizontal	PASS
2	303.540	-73.20	-13.00	Horizontal	PASS
3	1879.712	-32.73	-13.00	Horizontal	N.A
4	1959.744	-53.90	-13.00	Horizontal	N.A
5	3732.788	-45.60	-13.00	Horizontal	PASS
6	11719.258	-38.21	-13.00	Horizontal	PASS

(Plot B3: GSM 1900MHz Channel = 661, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.63	-13.00	Vertical	PASS
2	299.660	-75.29	-13.00	Vertical	PASS
3	1879.712	-46.48	-13.00	Vertical	N.A
4	1959.744	-52.57	-13.00	Vertical	N.A
5	4333.988	-45.78	-13.00	Vertical	PASS
6	18864.048	-35.34	-13.00	Vertical	PASS

(Plot B4: GSM 1900MHz Channel = 661, Test Antenna Vertical)

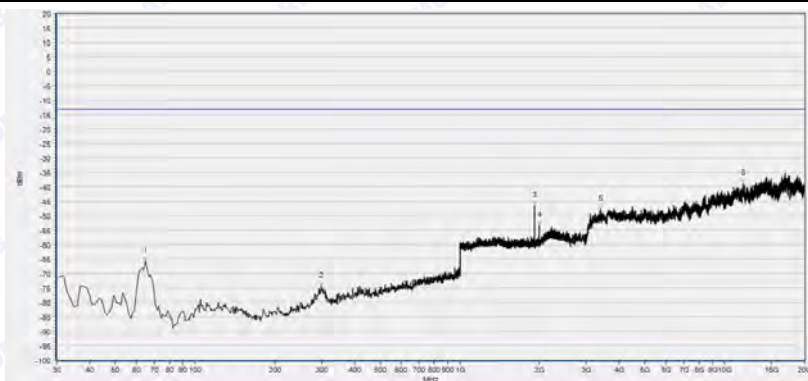


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-70.36	-13.00	Horizontal	PASS
2	198.780	-73.99	-13.00	Horizontal	PASS
3	418.000	-74.54	-13.00	Horizontal	PASS
4	1909.804	-43.80	-13.00	Horizontal	N.A
5	3818.221	-42.44	-13.00	Horizontal	PASS
6	5729.405	-45.60	-13.00	Horizontal	PASS

(Plot B5: GSM 1900MHz Channel = 810, Test Antenna Horizontal)

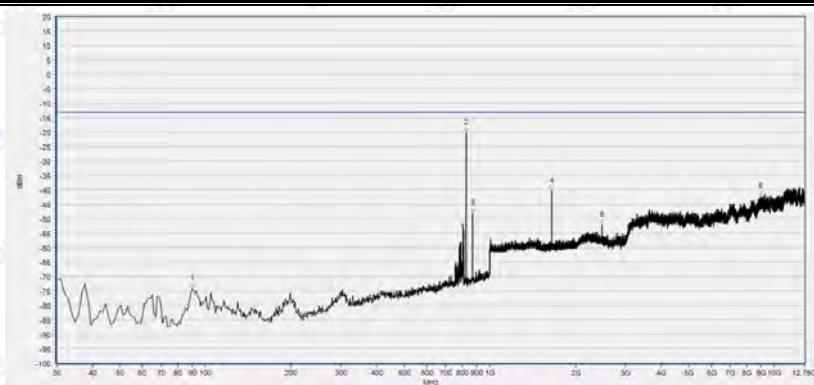


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.78	-13.00	Vertical	PASS
2	299.660	-74.27	-13.00	Vertical	PASS
3	1909.804	-46.49	-13.00	Vertical	N.A
4	1989.836	-53.28	-13.00	Vertical	N.A
5	3391.053	-47.55	-13.00	Vertical	PASS
6	11719.258	-38.88	-13.00	Vertical	PASS

(Plot B6: GSM 1900MHz Channel = 810, Test Antenna Vertical)

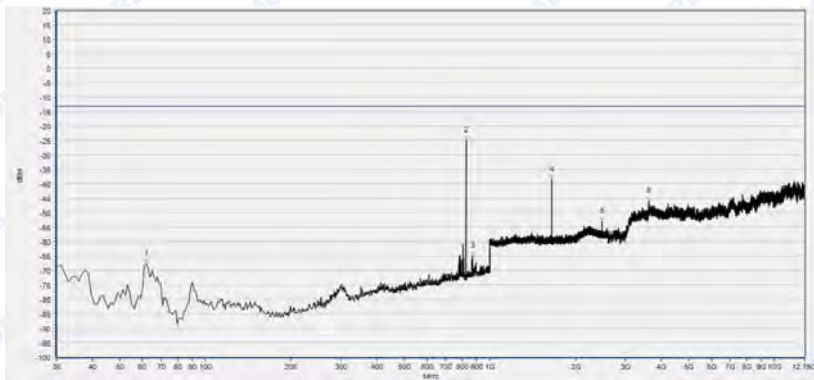


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-74.18	-13.00	Horizontal	PASS
2	824.430	-20.25	-13.00	Horizontal	N.A
3	869.050	-48.07	-13.00	Horizontal	N.A
4	1647.939	-40.47	-13.00	Horizontal	PASS
5	2472.589	-52.03	-13.00	Horizontal	PASS
6	8940.289	-42.30	-13.00	Horizontal	PASS

(Plot C1: EGPRS 850MHz Channel = 128, Test Antenna Horizontal)

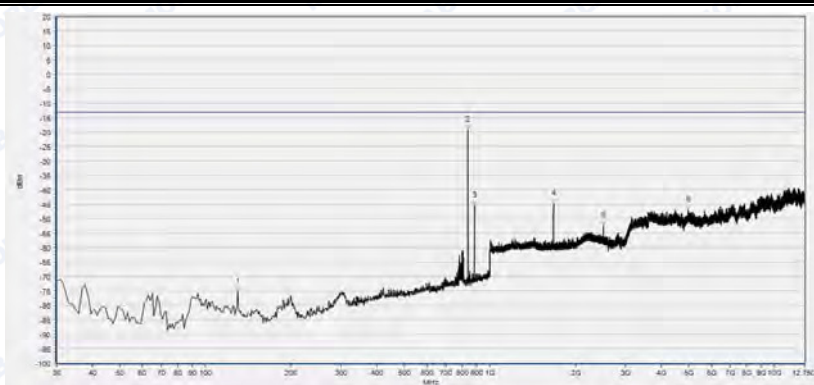


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-67.67	-13.00	Vertical	PASS
2	824.430	-24.96	-13.00	Vertical	N.A
3	869.050	-65.06	-13.00	Vertical	N.A
4	1648.579	-38.69	-13.00	Vertical	PASS
5	2472.589	-52.99	-13.00	Vertical	PASS
6	3618.876	-45.86	-13.00	Vertical	PASS

(Plot C2: EGPRS 850MHz Channel = 128, Test Antenna Vertical)

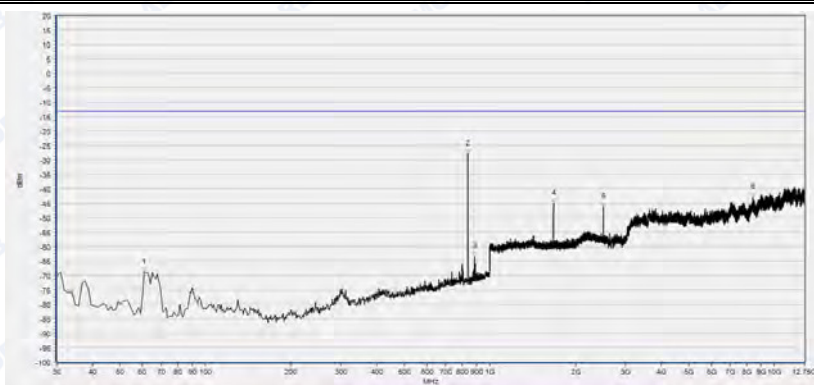


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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	129.910	-75.17	-13.00	Horizontal	PASS
2	837.040	-19.36	-13.00	Horizontal	N.A
3	881.660	-45.55	-13.00	Horizontal	N.A
4	1672.909	-44.79	-13.00	Horizontal	PASS
5	2509.724	-52.29	-13.00	Horizontal	PASS
6	4968.149	-47.00	-13.00	Horizontal	PASS

(Plot C3: EGPRS 850MHz Channel = 190, Test Antenna Horizontal)

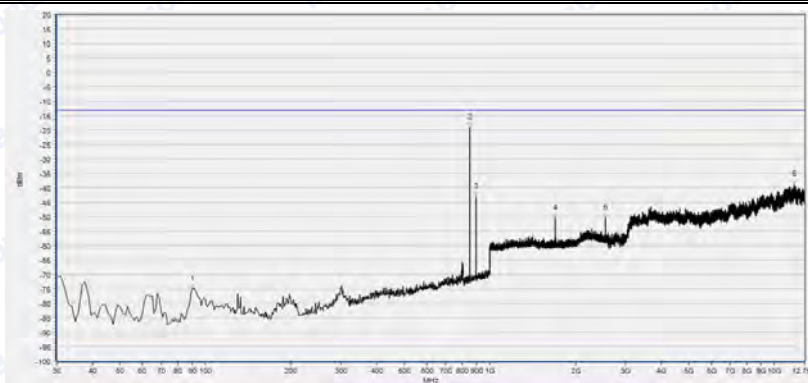


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-68.84	-13.00	Vertical	PASS
2	837.040	-27.89	-13.00	Vertical	N.A
3	881.660	-63.39	-13.00	Vertical	N.A
4	1672.909	-45.07	-13.00	Vertical	PASS
5	2509.724	-46.09	-13.00	Vertical	PASS
6	8393.935	-42.79	-13.00	Vertical	PASS

(Plot C4: EGPRS 850MHz Channel = 190, Test Antenna Vertical)

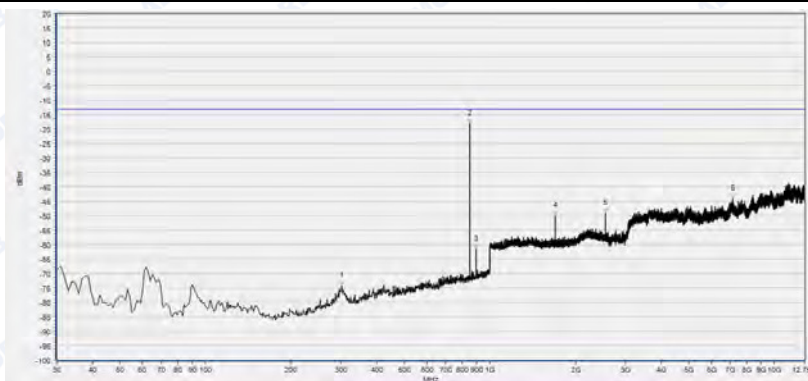


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-74.93	-13.00	Horizontal	PASS
2	848.680	-19.12	-13.00	Horizontal	N.A
3	893.300	-43.17	-13.00	Horizontal	N.A
4	1697.239	-50.55	-13.00	Horizontal	PASS
5	2546.218	-50.42	-13.00	Horizontal	PASS
6	11740.353	-38.76	-13.00	Horizontal	PASS

(Plot C5: EGPRS 850MHz Channel = 251, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	301.600	-74.18	-13.00	Vertical	PASS
2	848.680	-18.08	-13.00	Vertical	N.A
3	894.270	-61.69	-13.00	Vertical	N.A
4	1697.239	-50.11	-13.00	Vertical	PASS
5	2546.218	-49.08	-13.00	Vertical	PASS
6	7138.798	-44.07	-13.00	Vertical	PASS

(Plot C6: EGPRS 850MHz Channel = 251, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-70.25	-13.00	Horizontal	PASS
2	191.020	-76.00	-13.00	Horizontal	PASS
3	297.720	-73.85	-13.00	Horizontal	PASS
4	1850.260	-39.52	-13.00	Horizontal	N.A
5	3612.548	-46.87	-13.00	Horizontal	PASS
6	14389.853	-36.37	-13.00	Horizontal	PASS

(Plot D1: EGPRS 1900MHz Channel = 512, Test Antenna Horizontal)

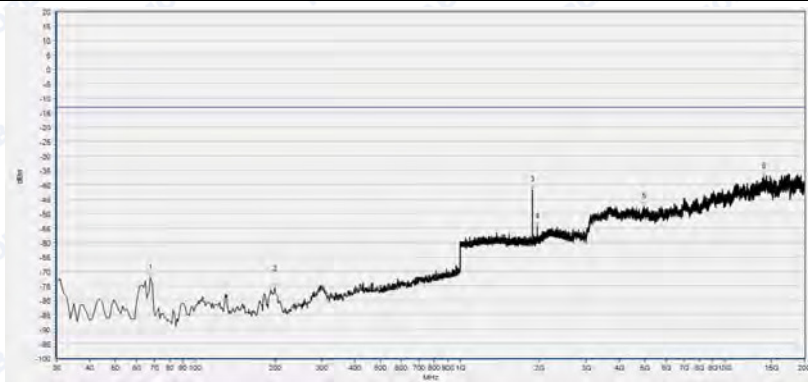


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.69	-13.00	Vertical	PASS
2	288.990	-74.09	-13.00	Vertical	PASS
3	1850.260	-41.77	-13.00	Vertical	N.A
4	4941.517	-46.77	-13.00	Vertical	PASS
5	11152.864	-38.14	-13.00	Vertical	PASS
6	17168.031	-35.77	-13.00	Vertical	PASS

(Plot D2: EGPRS 1900MHz Channel = 512, Test Antenna Vertical)

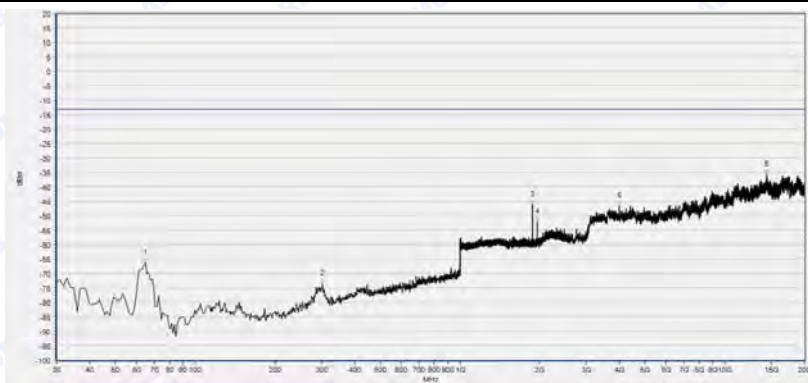


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-72.23	-13.00	Horizontal	PASS
2	199.750	-75.79	-13.00	Horizontal	PASS
3	1879.712	-41.71	-13.00	Horizontal	N.A
4	1959.744	-54.53	-13.00	Horizontal	N.A
5	4963.666	-47.43	-13.00	Horizontal	PASS
6	14006.983	-37.15	-13.00	Horizontal	PASS

(Plot D3: EGPRS 1900MHz Channel = 661, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-66.50	-13.00	Vertical	PASS
2	302.570	-73.50	-13.00	Vertical	PASS
3	1879.712	-46.12	-13.00	Vertical	N.A
4	1959.744	-52.19	-13.00	Vertical	N.A
5	3985.925	-46.69	-13.00	Vertical	PASS
6	14389.853	-35.73	-13.00	Vertical	PASS

(Plot D4: EGPRS 1900MHz Channel = 661, Test Antenna Vertical)

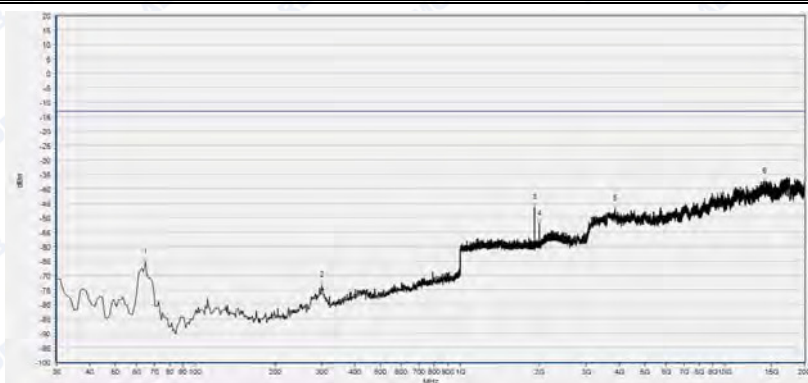


REPORT No.: SZ16030142W04



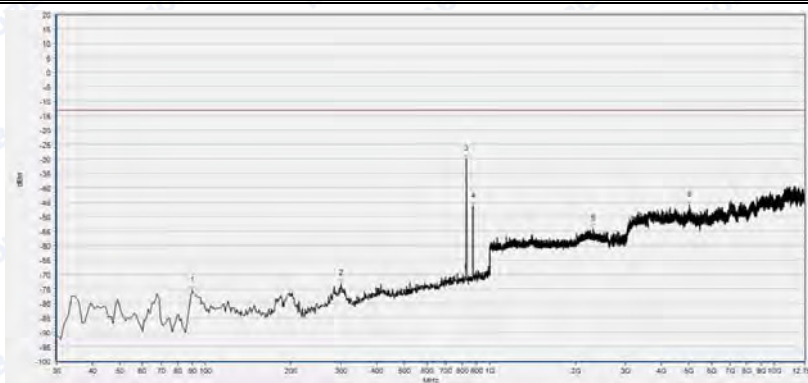
Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-70.23	-13.00	Horizontal	PASS
2	198.780	-74.20	-13.00	Horizontal	PASS
3	1909.804	-41.03	-13.00	Horizontal	N.A
4	14380.360	-36.17	-13.00	Horizontal	PASS
5	7090.016	-44.88	-13.00	Horizontal	PASS
6	14380.360	-36.17	-13.00	Horizontal	PASS

(Plot D5: EGPRS 1900MHz Channel = 810, Test Antenna Horizontal)



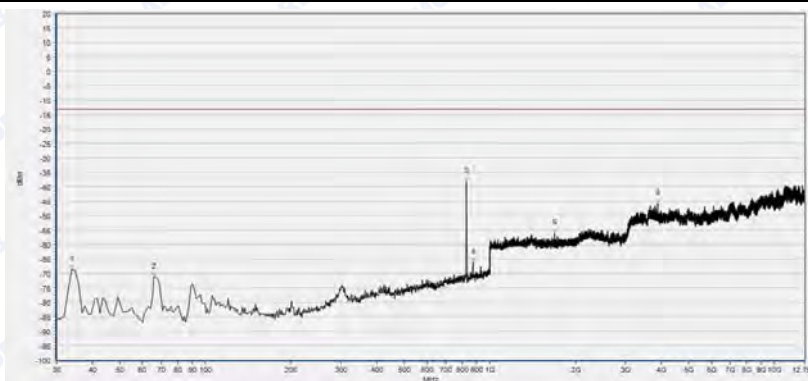
Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.48	-13.00	Vertical	PASS
2	301.600	-73.27	-13.00	Vertical	PASS
3	1909.804	-46.51	-13.00	Vertical	N.A
4	1989.836	-52.17	-13.00	Vertical	N.A
5	3846.699	-46.98	-13.00	Vertical	PASS
6	14092.417	-37.30	-13.00	Vertical	PASS

(Plot D6: EGPRS 1900MHz Channel = 810, Test Antenna Vertical)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-75.41	-13.00	Horizontal	PASS
2	299.660	-73.12	-13.00	Horizontal	PASS
3	827.340	-30.08	-13.00	Horizontal	PASS
4	872.930	-46.52	-13.00	Horizontal	PASS
5	2299.720	-54.13	-13.00	Horizontal	PASS
6	5019.831	-45.92	-13.00	Horizontal	PASS

(Plot E1: WCDMA 850MHz Channel = 4132, Test Antenna Horizontal)

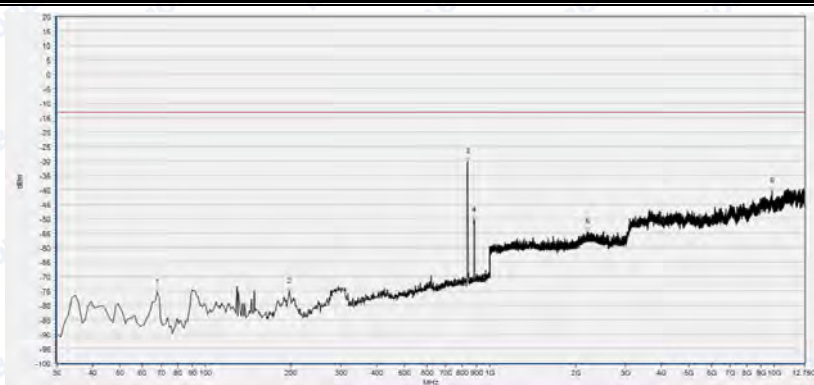


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-68.58	-13.00	Vertical	PASS
2	65.890	-71.08	-13.00	Vertical	PASS
3	827.340	-38.09	-13.00	Vertical	PASS
4	871.960	-66.08	-13.00	Vertical	PASS
5	1683.794	-55.98	-13.00	Vertical	PASS
6	3880.978	-45.77	-13.00	Vertical	PASS

(Plot E2: WCDMA 850MHz Channel = 4132, Test Antenna Vertical)

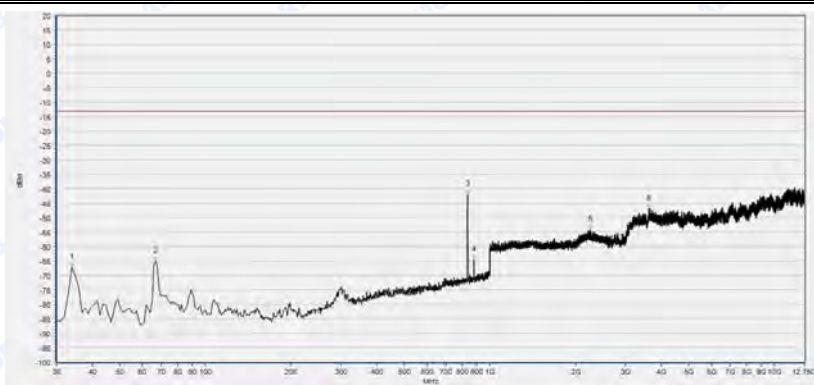


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-75.42	-13.00	Horizontal	PASS
2	196.840	-75.23	-13.00	Horizontal	PASS
3	834.130	-30.12	-13.00	Horizontal	N.A
4	878.750	-50.46	-13.00	Horizontal	N.A
5	2203.681	-54.42	-13.00	Horizontal	PASS
6	9837.343	-40.54	-13.00	Horizontal	PASS

(Plot E3: WCDMA 850MHz Channel = 4175, Test Antenna Horizontal)

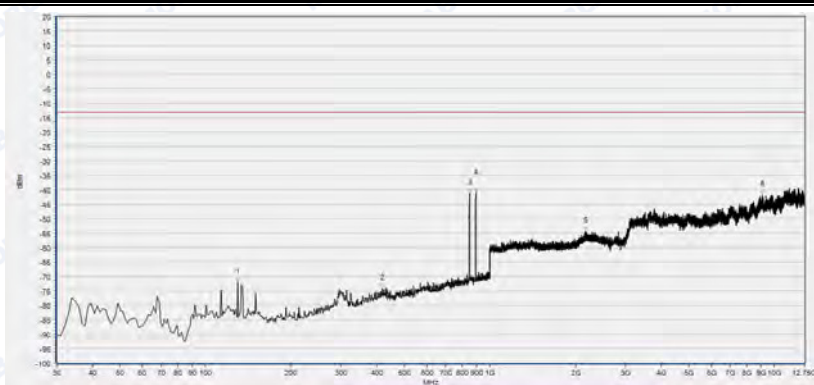


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-67.06	-13.00	Vertical	PASS
2	66.860	-65.07	-13.00	Vertical	PASS
3	834.130	-41.79	-13.00	Vertical	PASS
4	878.750	-69.56	-13.00	Vertical	PASS
5	2250.420	-54.12	-13.00	Vertical	PASS
6	3622.568	-46.81	-13.00	Vertical	PASS

(Plot E4: WCDMA 850MHz Channel = 4175, Test Antenna Vertical)

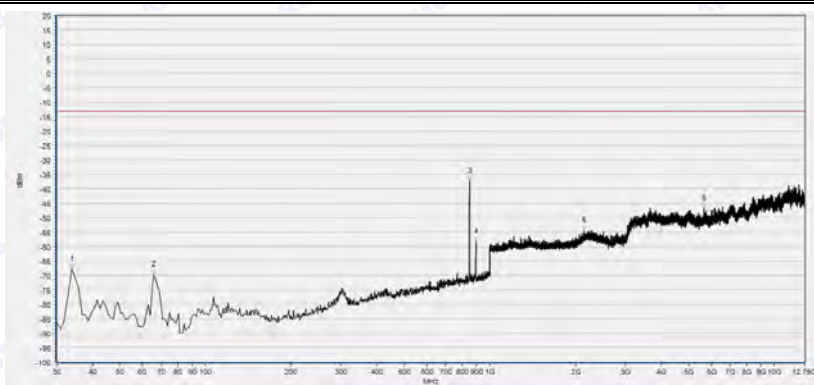


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	129.910	-72.00	-13.00	Horizontal	PASS
2	418.000	-74.16	-13.00	Horizontal	PASS
3	847.710	-41.10	-13.00	Horizontal	PASS
4	892.330	-40.88	-13.00	Horizontal	PASS
5	2172.309	-54.35	-13.00	Horizontal	PASS
6	9089.798	-41.70	-13.00	Horizontal	PASS

(Plot E5: WCDMA 850MHz Channel = 4233, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-67.92	-13.00	Vertical	PASS
2	65.890	-69.82	-13.00	Vertical	PASS
3	847.710	-37.36	-13.00	Vertical	PASS
4	892.330	-58.44	-13.00	Vertical	PASS
5	2147.339	-54.44	-13.00	Vertical	PASS
6	5658.474	-46.98	-13.00	Vertical	PASS

(Plot E6: WCDMA 850MHz Channel = 4233, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-74.19	-13.00	Horizontal	PASS
2	121.180	-73.17	-13.00	Horizontal	PASS
3	295.780	-74.45	-13.00	Horizontal	PASS
4	1711.325	-54.53	-13.00	Horizontal	PASS
5	2113.405	-46.73	-13.00	Horizontal	PASS
6	8406.328	-42.64	-13.00	Horizontal	PASS

(Plot F1: WCDMA 1700MHz Channel = 1312, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.71	-13.00	Vertical	PASS
2	132.820	-71.34	-13.00	Vertical	PASS
3	301.600	-74.82	-13.00	Vertical	PASS
4	1711.325	-55.18	-13.00	Vertical	PASS
5	2114.046	-46.55	-13.00	Vertical	PASS
6	4976.323	-46.64	-13.00	Vertical	PASS

(Plot F2: WCDMA 1700MHz Channel = 1312, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.200	-64.62	-13.00	Horizontal	PASS
2	136.807	-58.00	-13.00	Horizontal	PASS
3	384.404	-68.76	-13.00	Horizontal	PASS
4	1739.570	-38.54	-13.00	Horizontal	PASS
5	2139.770	-42.28	-13.00	Horizontal	PASS
6	3478.846	-45.49	-13.00	Horizontal	PASS

(Plot F3: WCDMA 1700MHz Channel = 1412, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-65.92	-13.00	Vertical	PASS
2	151.250	-72.71	-13.00	Vertical	PASS
3	301.600	-73.71	-13.00	Vertical	PASS
4	1739.496	-46.98	-13.00	Vertical	PASS
5	2140.296	-51.84	-13.00	Vertical	PASS
6	3204.364	-47.02	-13.00	Vertical	PASS

(Plot F4: WCDMA 1700MHz Channel = 1412, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-73.19	-13.00	Horizontal	PASS
2	301.600	-73.22	-13.00	Horizontal	PASS
3	418.970	-73.41	-13.00	Horizontal	PASS
4	1751.661	-56.00	-13.00	Horizontal	PASS
5	2152.461	-44.85	-13.00	Horizontal	PASS
6	9751.118	-40.51	-13.00	Horizontal	PASS

(Plot F5: WCDMA 1700MHz Channel = 1513, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-66.34	-13.00	Vertical	PASS
2	127.000	-71.96	-13.00	Vertical	PASS
3	413.150	-73.78	-13.00	Vertical	PASS
4	1751.661	-54.71	-13.00	Vertical	PASS
5	2153.741	-45.92	-13.00	Vertical	PASS
6	16386.470	-35.39	-13.00	Vertical	PASS

(Plot F6: WCDMA 1700MHz Channel = 1513, Test Antenna Vertical)

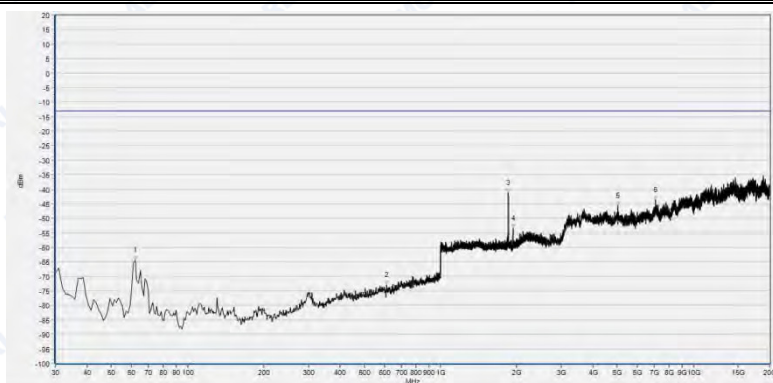


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-72.84	-13.00	Horizontal	PASS
2	301.600	-75.54	-13.00	Horizontal	PASS
3	1851.541	-37.43	-13.00	Horizontal	PASS
4	1933.493	-55.94	-13.00	Horizontal	PASS
5	5232.624	-45.91	-13.00	Horizontal	PASS
6	14386.688	-36.24	-13.00	Horizontal	PASS

(Plot G1: WCDMA 1900MHz Channel = 9262, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-64.56	-13.00	Vertical	PASS
2	610.060	-72.88	-13.00	Vertical	PASS
3	1851.541	-41.23	-13.00	Vertical	PASS
4	1931.573	-53.56	-13.00	Vertical	PASS
5	5001.637	-45.77	-13.00	Vertical	PASS
Num	7086.852	-43.65	limit PK	Vertical	PASS

(Plot G2: WCDMA 1900MHz Channel = 9262, Test Antenna Vertical)

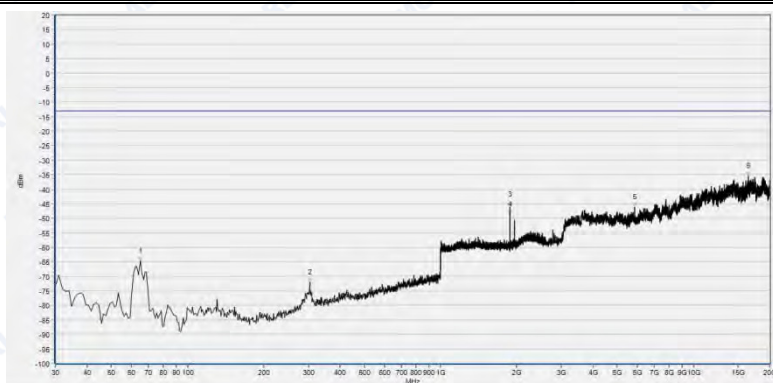


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-70.96	-13.00	Horizontal	PASS
2	300.630	-74.19	-13.00	Horizontal	PASS
3	1878.431	-43.71	-13.00	Horizontal	PASS
4	1958.463	-53.95	-13.00	Horizontal	PASS
5	3622.040	-46.78	-13.00	Horizontal	PASS
6	14399.345	-35.85	-13.00	Horizontal	PASS

(Plot G3: WCDMA 1900MHz Channel = 9400, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-64.72	-13.00	Vertical	PASS
2	303.540	-72.00	-13.00	Vertical	PASS
3	1879.072	-46.16	-13.00	Vertical	PASS
4	1877.791	-48.71	-13.00	Vertical	PASS
5	5840.153	-46.11	-13.00	Vertical	PASS
6	16484.561	-35.43	-13.00	Vertical	PASS

(Plot G4: WCDMA 1900MHz Channel = 9400, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-71.48	-13.00	Horizontal	PASS
2	418.000	-73.65	-13.00	Horizontal	PASS
3	1908.523	-49.33	-13.00	Horizontal	PASS
4	3653.682	-47.02	-13.00	Horizontal	PASS
5	6966.612	-44.59	-13.00	Horizontal	PASS
6	14481.615	-36.14	-13.00	Horizontal	PASS

(Plot G5: WCDMA 1900MHz Channel = 9538, Test Antenna Horizontal)

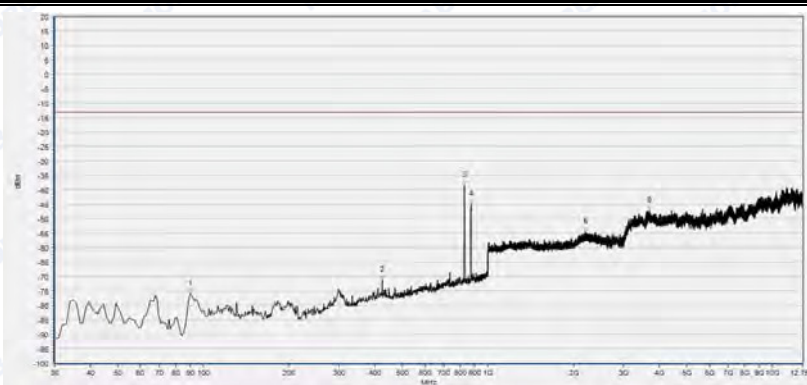


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.99	-13.00	Vertical	PASS
2	300.630	-74.51	-13.00	Vertical	PASS
3	1908.523	-47.65	-13.00	Vertical	PASS
4	1987.275	-50.02	-13.00	Vertical	PASS
5	4966.830	-46.42	-13.00	Vertical	PASS
6	10966.176	-39.48	-13.00	Vertical	PASS

(Plot G6: WCDMA 1900MHz Channel = 9538, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-75.85	-13.00	Horizontal	PASS
2	424.790	-71.10	-13.00	Horizontal	PASS
3	827.340	-38.31	-13.00	Horizontal	PASS
4	872.930	-45.04	-13.00	Horizontal	PASS
5	2197.919	-54.55	-13.00	Horizontal	PASS
6	3690.862	-47.18	-13.00	Horizontal	PASS

(Plot H1: HSDPA 850MHz Channel = 4132, Test Antenna Horizontal)

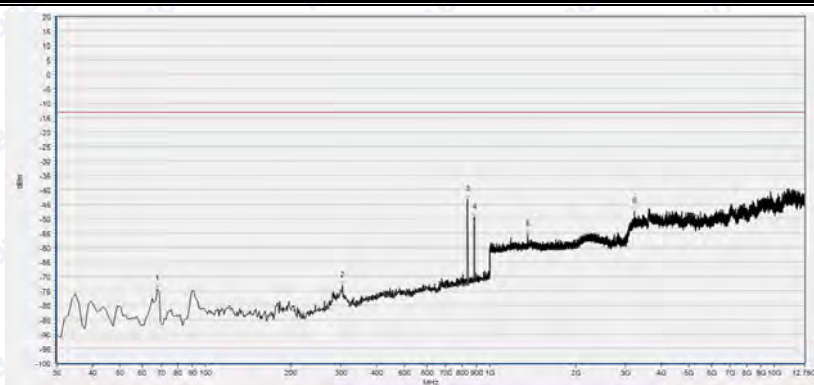


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	65.890	-67.35	-13.00	Vertical	PASS
2	299.660	-74.58	-13.00	Vertical	PASS
3	827.340	-39.68	-13.00	Vertical	PASS
4	870.020	-65.80	-13.00	Vertical	PASS
5	2238.896	-54.03	-13.00	Vertical	PASS
6	3611.493	-46.91	-13.00	Vertical	PASS

(Plot H2: HSDPA 850MHz Channel = 4132, Test Antenna Vertical)

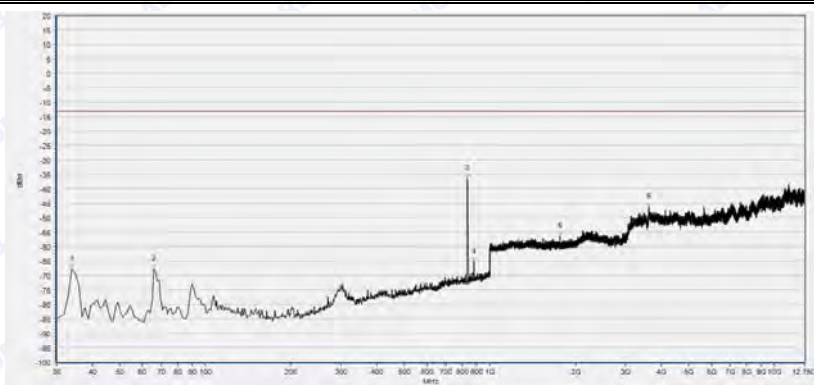


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-74.38	-13.00	Horizontal	PASS
2	302.570	-73.18	-13.00	Horizontal	PASS
3	834.130	-43.42	-13.00	Horizontal	N.A
4	881.660	-49.47	-13.00	Horizontal	N.A
5	1359.824	-55.44	-13.00	Horizontal	PASS
6	3223.877	-47.45	-13.00	Horizontal	PASS

(Plot H3: HSDPA 850MHz Channel = 4175, Test Antenna Horizontal)

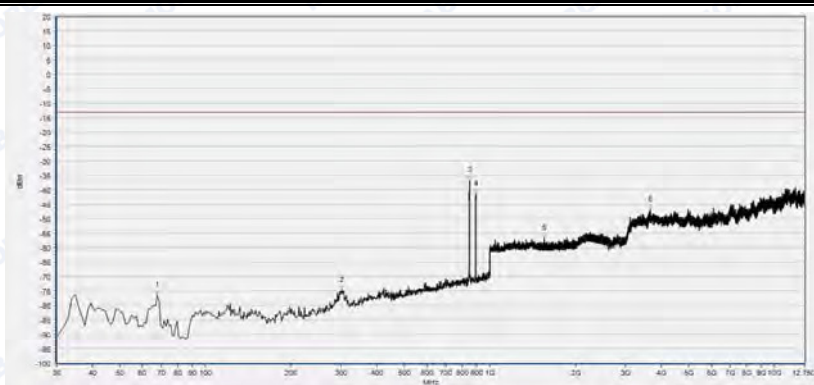


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-67.96	-13.00	Vertical	PASS
2	65.890	-67.96	-13.00	Vertical	PASS
3	833.160	-36.46	-13.00	Vertical	PASS
4	878.750	-70.26	-13.00	Vertical	PASS
5	1763.826	-56.43	-13.00	Vertical	PASS
6	3615.185	-46.24	-13.00	Vertical	PASS

(Plot H4: HSDPA 850MHz Channel = 4175, Test Antenna Vertical)

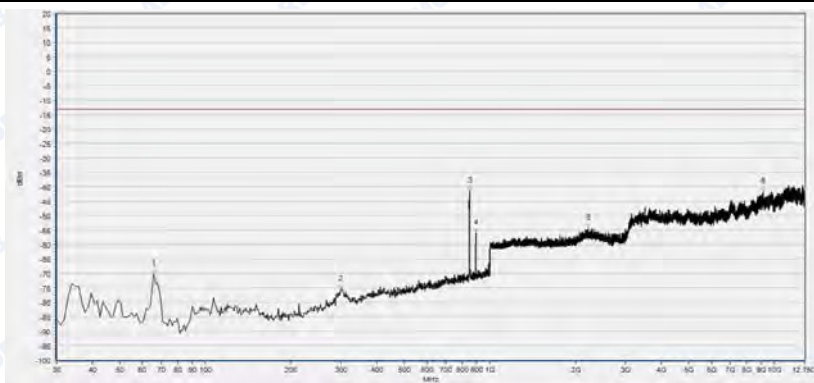


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-76.32	-13.00	Horizontal	PASS
2	300.630	-74.65	-13.00	Horizontal	PASS
3	848.680	-36.71	-13.00	Horizontal	PASS
4	891.360	-41.53	-13.00	Horizontal	PASS
5	1555.102	-56.63	-13.00	Horizontal	PASS
6	3653.946	-46.94	-13.00	Horizontal	PASS

(Plot H5: HSDPA 850MHz Channel = 4233, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	65.890	-70.35	-13.00	Vertical	PASS
2	299.660	-75.44	-13.00	Vertical	PASS
3	847.710	-41.36	-13.00	Vertical	PASS
4	893.300	-55.84	-13.00	Vertical	PASS
5	2213.926	-54.40	-13.00	Vertical	PASS
6	9108.256	-41.56	-13.00	Vertical	PASS

(Plot H6: HSDPA 850MHz Channel = 4233, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-72.72	-13.00	Horizontal	PASS
2	131.850	-72.43	-13.00	Horizontal	PASS
3	296.750	-74.04	-13.00	Horizontal	PASS
4	1711.325	-55.38	-13.00	Horizontal	PASS
5	2112.765	-46.52	-13.00	Horizontal	PASS
6	5745.226	-46.73	-13.00	Horizontal	PASS

(Plot I1: HSDPA 1700MHz Channel = 1312, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-66.71	-13.00	Vertical	PASS
2	143.490	-72.07	-13.00	Vertical	PASS
3	300.630	-73.81	-13.00	Vertical	PASS
4	1711.965	-55.77	-13.00	Vertical	PASS
5	2111.485	-46.31	-13.00	Vertical	PASS
6	10877.578	-39.29	-13.00	Vertical	PASS

(Plot I2: HSDPA 1700MHz Channel = 1312, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-73.50	-13.00	Horizontal	PASS
2	130.880	-73.67	-13.00	Horizontal	PASS
3	297.720	-74.00	-13.00	Horizontal	PASS
4	1738.856	-47.54	-13.00	Horizontal	PASS
5	2139.016	-46.88	-13.00	Horizontal	PASS
6	9134.097	-41.91	-13.00	Horizontal	PASS

(Plot I3: HSDPA 1700MHz Channel = 1412, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-64.55	-13.00	Vertical	PASS
2	131.850	-71.43	-13.00	Vertical	PASS
3	298.690	-73.81	-13.00	Vertical	PASS
4	1738.856	-46.87	-13.00	Vertical	PASS
5	2139.656	-51.52	-13.00	Vertical	PASS
6	6336.934	-44.62	-13.00	Vertical	PASS

(Plot I4: HSDPA 1700MHz Channel = 1412, Test Antenna Vertical)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-73.48	-13.00	Horizontal	PASS
2	125.060	-73.12	-13.00	Horizontal	PASS
3	667.290	-70.74	-13.00	Horizontal	PASS
4	1686.355	-56.83	-13.00	Horizontal	PASS
5	2152.461	-46.77	-13.00	Horizontal	PASS
6	7026.732	-44.42	-13.00	Horizontal	PASS

(Plot I5: HSDPA 1700MHz Channel = 1513, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-66.74	-13.00	Vertical	PASS
2	151.250	-73.01	-13.00	Vertical	PASS
3	301.600	-74.82	-13.00	Vertical	PASS
4	1751.661	-55.19	-13.00	Vertical	PASS
5	2153.741	-45.69	-13.00	Vertical	PASS
6	8944.244	-42.10	-13.00	Vertical	PASS

(Plot I6: HSDPA 1700MHz Channel = 1513, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-73.68	-13.00	Horizontal	PASS
2	191.990	-77.12	-13.00	Horizontal	PASS
3	299.660	-74.58	-13.00	Horizontal	PASS
4	1851.541	-37.26	-13.00	Horizontal	PASS
5	3653.682	-46.38	-13.00	Horizontal	PASS
6	14019.640	-37.25	-13.00	Horizontal	PASS

(Plot J1: HSDPA 1900MHz Channel = 9262, Test Antenna Horizontal)

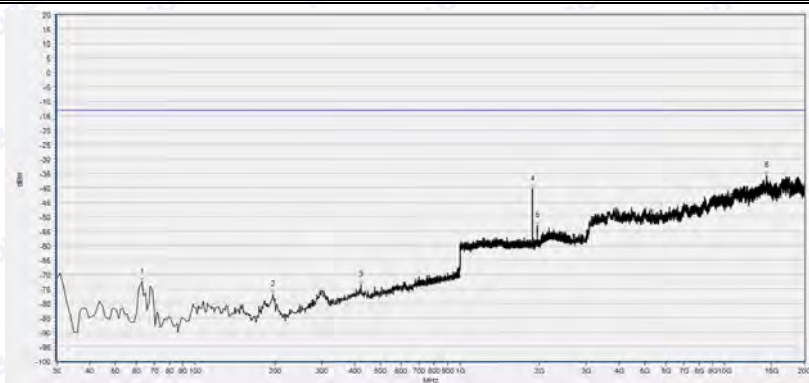


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-64.88	-13.00	Vertical	PASS
2	302.570	-73.90	-13.00	Vertical	PASS
3	1850.900	-44.11	-13.00	Vertical	PASS
4	1932.853	-51.97	-13.00	Vertical	PASS
5	3653.682	-46.85	-13.00	Vertical	PASS
6	7798.800	-44.08	-13.00	Vertical	PASS

(Plot J2: HSDPA 1900MHz Channel = 9262, Test Antenna Vertical)



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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-72.56	-13.00	Horizontal	PASS
2	196.840	-76.89	-13.00	Horizontal	PASS
3	421.880	-73.61	-13.00	Horizontal	PASS
4	1878.431	-40.40	-13.00	Horizontal	PASS
5	1959.104	-53.16	-13.00	Horizontal	PASS
6	14396.181	-35.60	-13.00	Horizontal	PASS

(Plot J3: HSDPA 1900MHz Channel = 9400, Test Antenna Horizontal)

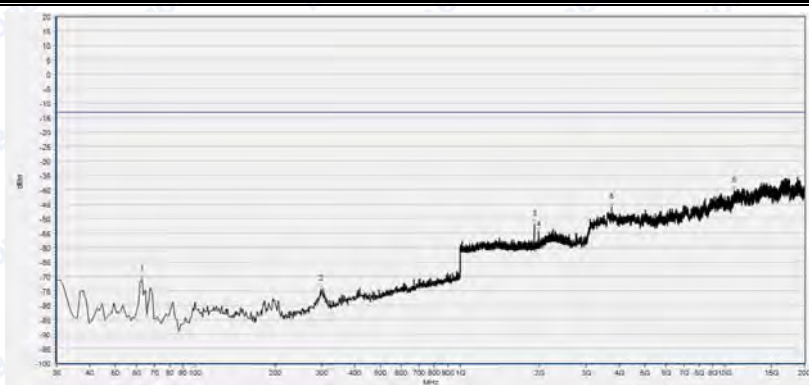


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.56	-13.00	Vertical	PASS
2	1879.072	-45.31	-13.00	Vertical	PASS
3	1959.744	-50.98	-13.00	Vertical	PASS
4	3732.788	-46.21	-13.00	Vertical	PASS
5	7102.673	-43.94	-13.00	Vertical	PASS
6	14389.853	-36.06	-13.00	Vertical	PASS

(Plot J4: HSDPA 1900MHz Channel = 9400, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-71.06	-13.00	Horizontal	PASS
2	298.690	-74.17	-13.00	Horizontal	PASS
3	1909.164	-51.79	-13.00	Horizontal	PASS
4	1985.994	-54.59	-13.00	Horizontal	PASS
5	3729.624	-45.90	-13.00	Horizontal	PASS
6	10836.443	-40.19	-13.00	Horizontal	PASS

(Plot J5: HSDPA 1900MHz Channel = 9538, Test Antenna Horizontal)

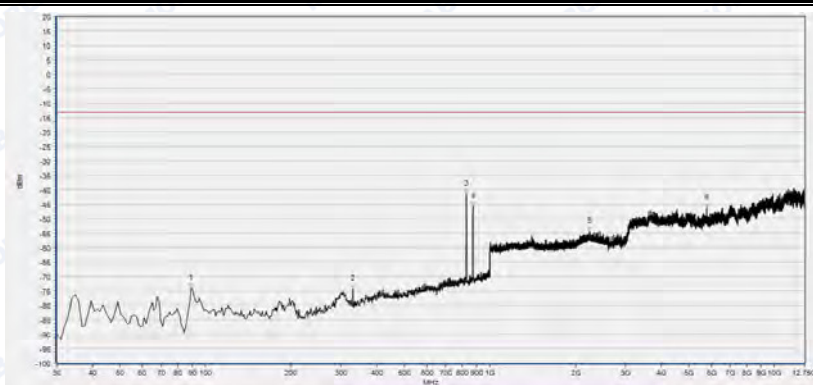


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.74	-13.00	Vertical	PASS
2	304.510	-73.42	-13.00	Vertical	PASS
3	1908.523	-47.34	-13.00	Vertical	PASS
4	1986.635	-50.16	-13.00	Vertical	PASS
5	3666.339	-47.31	-13.00	Vertical	PASS
6	14418.331	-35.75	-13.00	Vertical	PASS

(Plot J6: HSDPA 1900MHz Channel = 9538, Test Antenna Vertical)

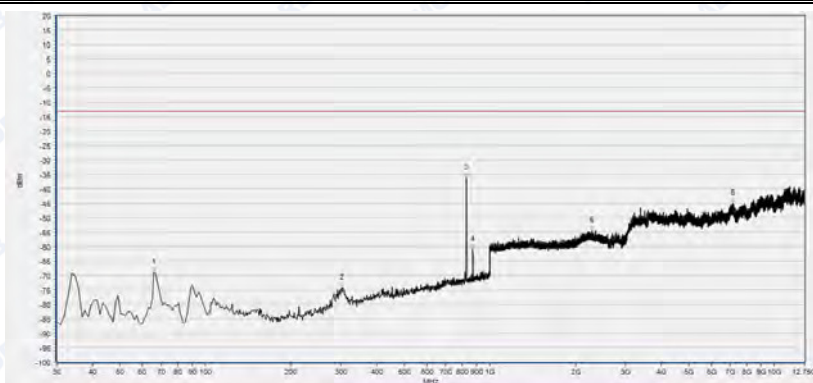


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	89.170	-74.13	-13.00	Horizontal	PASS
2	329.730	-74.39	-13.00	Horizontal	PASS
3	827.340	-41.52	-13.00	Horizontal	PASS
4	871.960	-45.72	-13.00	Horizontal	PASS
5	2245.938	-54.24	-13.00	Horizontal	PASS
6	5767.376	-46.18	-13.00	Horizontal	PASS

(Plot K1: HSUPA 850MHz Channel = 4132, Test Antenna Horizontal)

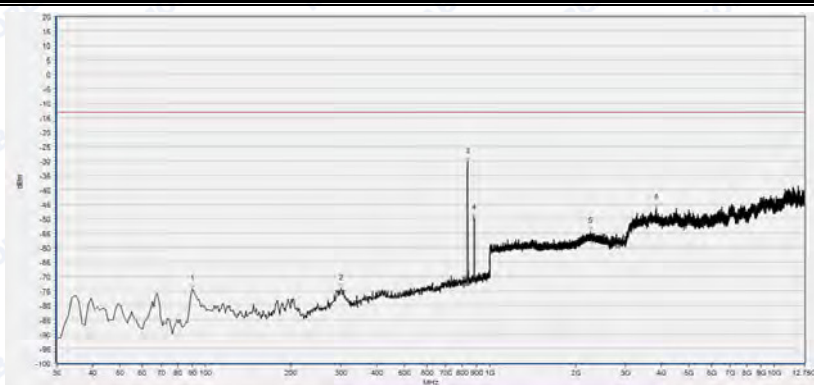


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	65.890	-68.88	-13.00	Vertical	PASS
2	300.630	-74.30	-13.00	Vertical	PASS
3	827.340	-36.15	-13.00	Vertical	PASS
4	870.020	-61.04	-13.00	Vertical	PASS
5	2281.793	-54.56	-13.00	Vertical	PASS
6	7159.102	-45.04	-13.00	Vertical	PASS

(Plot K2: HSUPA 850MHz Channel = 4132, Test Antenna Vertical)

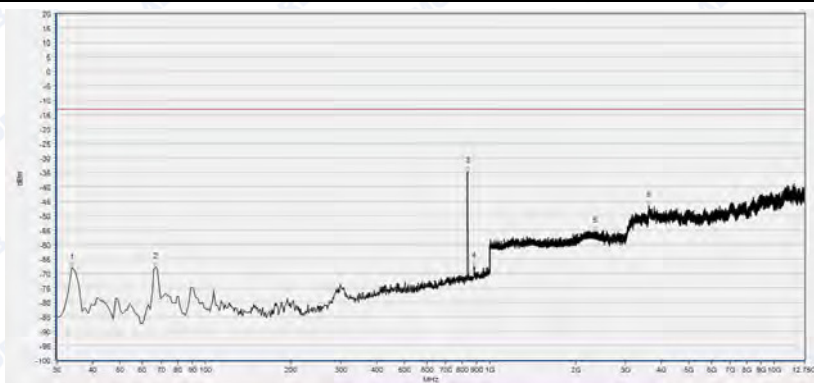


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-74.21	-13.00	Horizontal	PASS
2	299.660	-74.07	-13.00	Horizontal	PASS
3	834.130	-30.32	-13.00	Horizontal	N.A
4	878.750	-49.64	-13.00	Horizontal	N.A
5	2251.701	-54.30	-13.00	Horizontal	PASS
6	3853.292	-46.17	-13.00	Horizontal	PASS

(Plot K3: HSUPA 850MHz Channel = 4175, Test Antenna Horizontal)

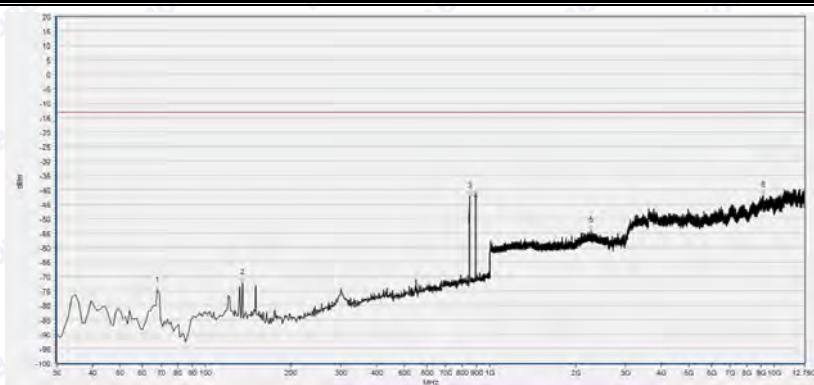


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-67.74	-13.00	Vertical	PASS
2	66.860	-67.72	-13.00	Vertical	PASS
3	834.130	-34.45	-13.00	Vertical	PASS
4	878.750	-67.34	-13.00	Vertical	PASS
5	2342.617	-55.17	-13.00	Vertical	PASS
6	3622.568	-46.49	-13.00	Vertical	PASS

(Plot K4: HSUPA 850MHz Channel = 4175, Test Antenna Vertical)

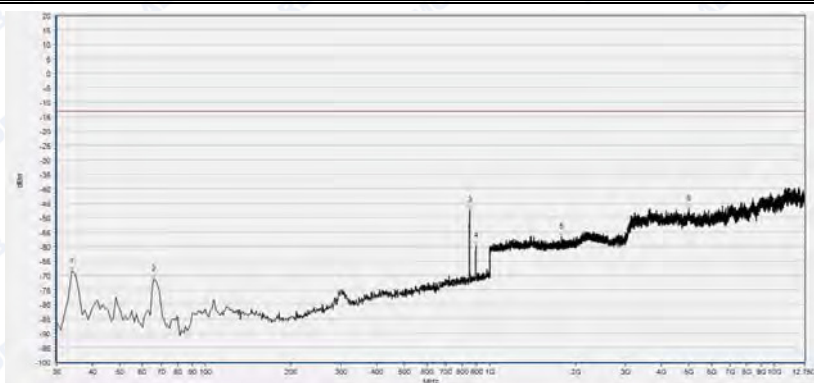


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-74.74	-13.00	Horizontal	PASS
2	134.760	-72.06	-13.00	Horizontal	PASS
3	847.710	-42.09	-13.00	Horizontal	PASS
4	890.390	-42.36	-13.00	Horizontal	PASS
5	2268.988	-54.08	-13.00	Horizontal	PASS
6	9135.943	-41.99	-13.00	Horizontal	PASS

(Plot K5: HSUPA 850MHz Channel = 4233, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-68.64	-13.00	Vertical	PASS
2	65.890	-71.33	-13.00	Vertical	PASS
3	847.710	-47.40	-13.00	Vertical	PASS
4	892.330	-59.83	-13.00	Vertical	PASS
5	1784.954	-56.67	-13.00	Vertical	PASS
6	5012.448	-46.95	-13.00	Vertical	PASS

(Plot K6: HSUPA 850MHz Channel = 4233, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-73.62	-13.00	Horizontal	PASS
2	121.180	-73.28	-13.00	Horizontal	PASS
3	299.660	-74.61	-13.00	Horizontal	PASS
4	1711.325	-53.76	-13.00	Horizontal	PASS
5	2112.765	-45.95	-13.00	Horizontal	PASS
6	4963.666	-45.89	-13.00	Horizontal	PASS

(Plot L1: HSUPA 1700MHz Channel = 1312, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-66.70	-13.00	Vertical	PASS
2	144.460	-70.05	-13.00	Vertical	PASS
3	748.770	-68.45	-13.00	Vertical	PASS
4	1720.928	-56.13	-13.00	Vertical	PASS
5	2112.765	-44.46	-13.00	Vertical	PASS
6	3599.891	-46.51	-13.00	Vertical	PASS

(Plot L2: HSUPA 1700MHz Channel = 1312, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-72.35	-13.00	Horizontal	PASS
2	299.660	-74.18	-13.00	Horizontal	PASS
3	572.230	-70.87	-13.00	Horizontal	PASS
4	1739.496	-47.17	-13.00	Horizontal	PASS
5	2141.577	-46.61	-13.00	Horizontal	PASS
6	5216.803	-45.92	-13.00	Horizontal	PASS

(Plot L3: HSUPA 1700MHz Channel = 1412, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-65.94	-13.00	Vertical	PASS
2	148.340	-73.18	-13.00	Vertical	PASS
3	299.660	-73.20	-13.00	Vertical	PASS
4	1738.856	-45.41	-13.00	Vertical	PASS
5	2139.656	-47.90	-13.00	Vertical	PASS
6	4982.651	-45.20	-13.00	Vertical	PASS

(Plot L4: HSUPA 1700MHz Channel = 1412, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-73.58	-13.00	Horizontal	PASS
2	149.310	-74.85	-13.00	Horizontal	PASS
3	297.720	-74.57	-13.00	Horizontal	PASS
4	572.230	-70.52	-13.00	Horizontal	PASS
5	1752.301	-55.61	-13.00	Horizontal	PASS
6	2152.461	-45.70	-13.00	Horizontal	PASS

(Plot L5: HSUPA 1700MHz Channel = 1513, Test Antenna Horizontal)

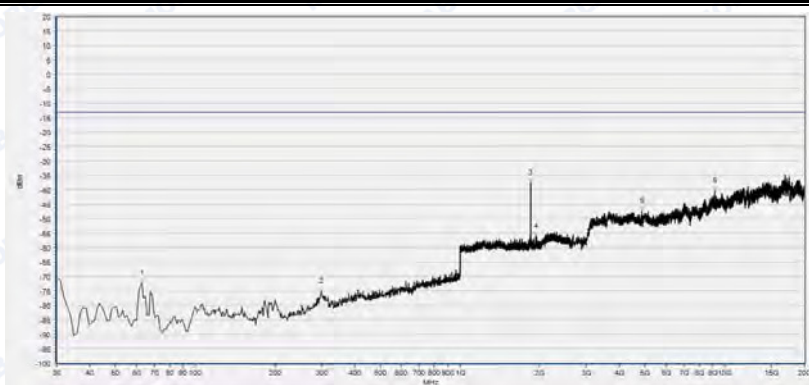


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.67	-13.00	Vertical	PASS
2	126.030	-69.96	-13.00	Vertical	PASS
3	301.600	-74.14	-13.00	Vertical	PASS
4	1751.661	-55.08	-13.00	Vertical	PASS
5	2153.101	-45.32	-13.00	Vertical	PASS
6	4463.721	-46.48	-13.00	Vertical	PASS

(Plot L6: HSUPA 1700MHz Channel = 1513, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-72.49	-13.00	Horizontal	PASS
2	298.690	-75.26	-13.00	Horizontal	PASS
3	1850.900	-37.55	-13.00	Horizontal	PASS
4	1930.932	-56.29	-13.00	Horizontal	PASS
5	4878.232	-47.34	-13.00	Horizontal	PASS
6	9159.411	-40.49	-13.00	Horizontal	PASS

(Plot M1: HSUPA 1900MHz Channel = 9262, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.78	-13.00	Vertical	PASS
2	703.180	-69.53	-13.00	Vertical	PASS
3	1850.900	-44.83	-13.00	Vertical	PASS
4	1932.213	-53.77	-13.00	Vertical	PASS
5	3599.891	-46.07	-13.00	Vertical	PASS
6	17503.437	-34.25	-13.00	Vertical	PASS

(Plot M2: HSUPA 1900MHz Channel = 9262, Test Antenna Vertical)



REPORT No.: SZ16030142W04



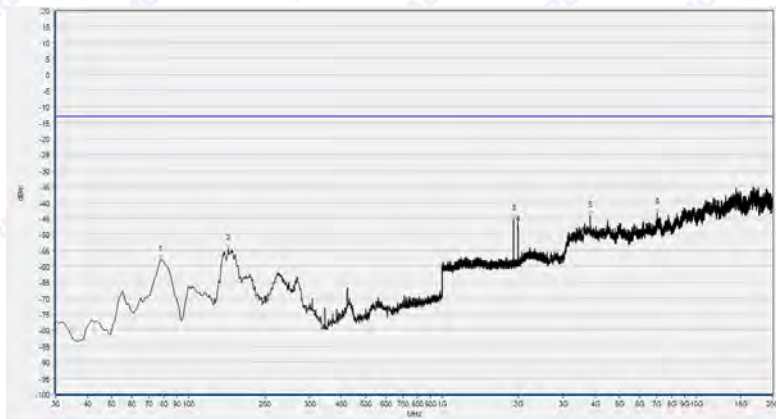
Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-71.76	-13.00	Horizontal	PASS
2	200.720	-76.69	-13.00	Horizontal	PASS
3	301.600	-74.37	-13.00	Horizontal	PASS
4	1878.431	-41.03	-13.00	Horizontal	PASS
5	1959.744	-53.12	-13.00	Horizontal	PASS
6	7510.857	-44.37	-13.00	Horizontal	PASS

(Plot M3: HSUPA 1900MHz Channel = 9400, Test Antenna Horizontal)



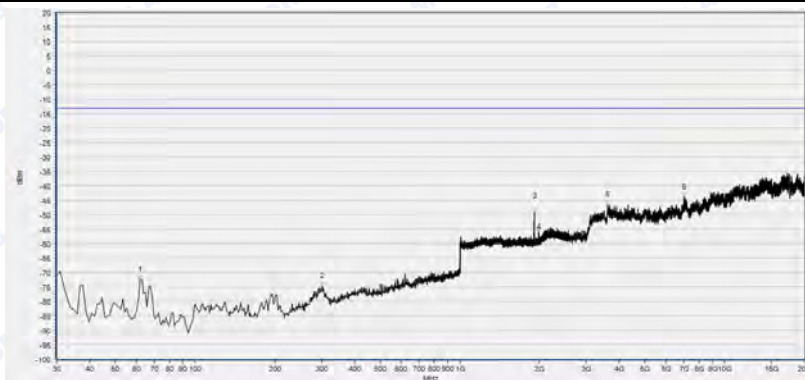
Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.78	-13.00	Vertical	PASS
2	130.880	-75.30	-13.00	Vertical	PASS
3	1879.072	-45.80	-13.00	Vertical	PASS
4	1959.104	-51.49	-13.00	Vertical	PASS
5	3609.384	-45.74	-13.00	Vertical	PASS
6	13586.143	-37.60	-13.00	Vertical	PASS

(Plot M4: HSUPA 1900MHz Channel = 9400, Test Antenna Vertical)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-72.61	-13.00	Horizontal	PASS
2	302.570	-74.64	-13.00	Horizontal	PASS
3	1908.523	-49.22	-13.00	Horizontal	PASS
4	1988.555	-56.00	-13.00	Horizontal	PASS
5	3618.876	-46.71	-13.00	Horizontal	PASS
6	7026.732	-43.93	-13.00	Horizontal	PASS

(Plot M5: HSUPA 1900MHz Channel = 9538, Test Antenna Horizontal)

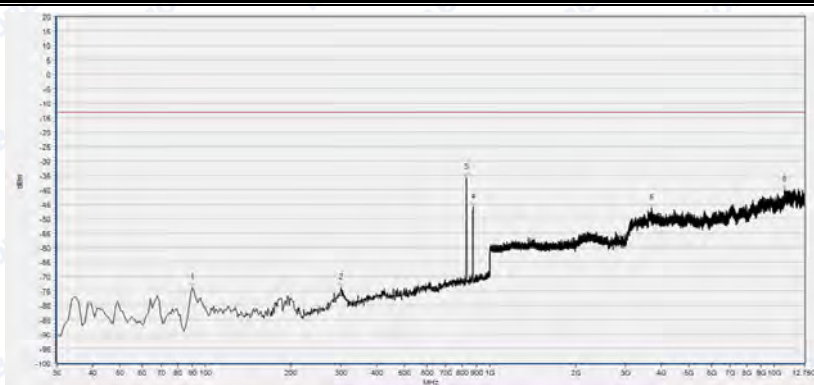


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-65.90	-13.00	Vertical	PASS
2	302.570	-73.69	-13.00	Vertical	PASS
3	1908.523	-47.52	-13.00	Vertical	PASS
4	1987.915	-49.50	-13.00	Vertical	PASS
5	3894.163	-46.38	-13.00	Vertical	PASS
6	16554.173	-35.26	-13.00	Vertical	PASS

(Plot M6: HSUPA 1900MHz Channel = 9538, Test Antenna Vertical)

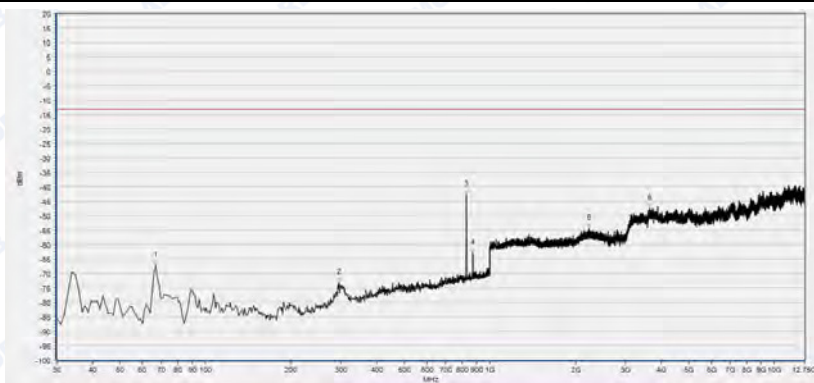


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-73.87	-13.00	Horizontal	PASS
2	299.660	-73.90	-13.00	Horizontal	PASS
3	827.340	-35.80	-13.00	Horizontal	PASS
4	871.960	-45.87	-13.00	Horizontal	PASS
5	3696.399	-46.31	-13.00	Horizontal	PASS
6	10828.532	-40.01	-13.00	Horizontal	PASS

(Plot N1: HSPA+ 850MHz Channel = 4132, Test Antenna Horizontal)

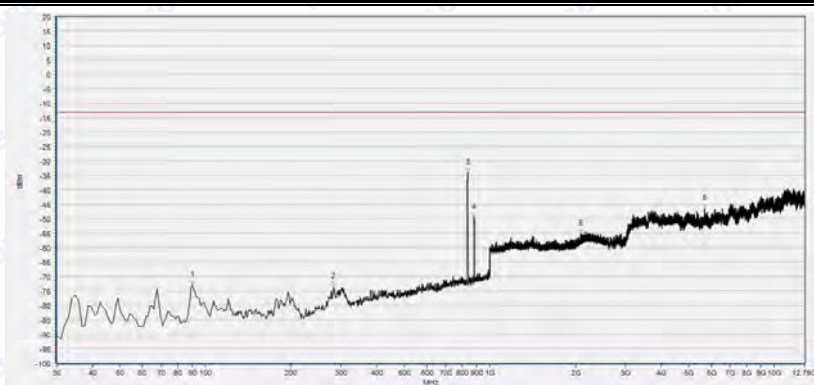


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	66.860	-67.15	-13.00	Vertical	PASS
2	294.810	-73.19	-13.00	Vertical	PASS
3	827.340	-42.71	-13.00	Vertical	PASS
4	870.990	-62.92	-13.00	Vertical	PASS
5	2224.170	-54.22	-13.00	Vertical	PASS
6	3631.797	-47.33	-13.00	Vertical	PASS

(Plot N2: HSPA+ 850MHz Channel = 4132, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	90.140	-72.74	-13.00	Horizontal	PASS
2	282.200	-73.64	-13.00	Horizontal	PASS
3	836.070	-34.08	-13.00	Horizontal	N.A
4	880.690	-49.48	-13.00	Horizontal	N.A
5	2086.515	-55.22	-13.00	Horizontal	PASS
6	5680.624	-46.42	-13.00	Horizontal	PASS

(Plot N3: HSPA+ 850MHz Channel = 4175, Test Antenna Horizontal)

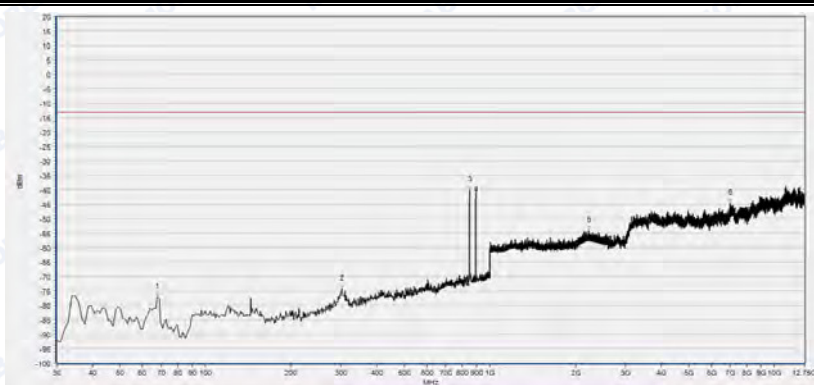


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-67.74	-13.00	Vertical	PASS
2	66.860	-69.29	-13.00	Vertical	PASS
3	834.130	-34.57	-13.00	Vertical	N.A
4	881.660	-67.89	-13.00	Vertical	N.A
5	2181.913	-54.41	-13.00	Vertical	PASS
6	5012.448	-45.74	-13.00	Vertical	PASS

(Plot N4: HSPA+ 850MHz Channel = 4175, Test Antenna Vertical)

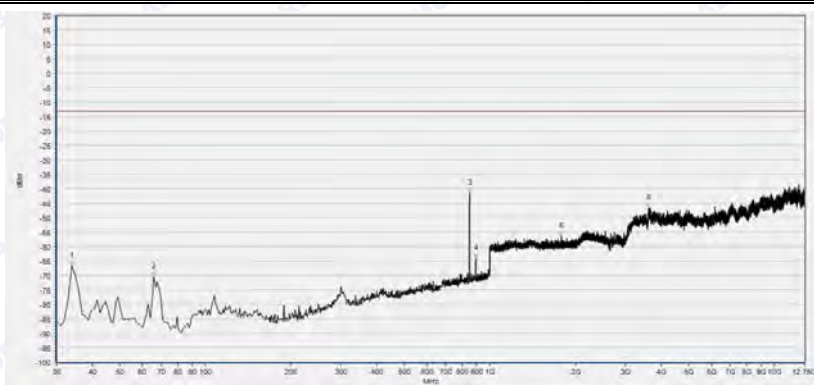


REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-77.26	-13.00	Horizontal	PASS
2	301.600	-74.29	-13.00	Horizontal	PASS
3	848.680	-40.04	-13.00	Horizontal	PASS
4	892.330	-40.20	-13.00	Horizontal	PASS
5	2222.889	-54.01	-13.00	Horizontal	PASS
6	7000.364	-44.59	-13.00	Horizontal	PASS

(Plot N5: HSPA+ 850MHz Channel = 4233, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	33.880	-66.76	-13.00	Vertical	PASS
2	65.890	-70.46	-13.00	Vertical	PASS
3	847.710	-41.41	-13.00	Vertical	PASS
4	891.360	-64.01	-13.00	Vertical	PASS
5	1779.832	-56.42	-13.00	Vertical	PASS
6	3609.647	-46.63	-13.00	Vertical	PASS

(Plot N6: HSPA+ 850MHz Channel = 4233, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-74.14	-13.00	Horizontal	PASS
2	157.070	-75.57	-13.00	Horizontal	PASS
3	301.600	-73.13	-13.00	Horizontal	PASS
4	1711.325	-55.49	-13.00	Horizontal	PASS
5	2113.405	-45.50	-13.00	Horizontal	PASS
6	6371.740	-46.29	-13.00	Horizontal	PASS

(Plot O1: HSPA+ 1700MHz Channel = 1312, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-67.81	-13.00	Vertical	PASS
2	147.370	-72.21	-13.00	Vertical	PASS
3	299.660	-73.80	-13.00	Vertical	PASS
4	1711.325	-55.96	-13.00	Vertical	PASS
5	2114.046	-47.55	-13.00	Vertical	PASS
6	7188.107	-43.60	-13.00	Vertical	PASS

(Plot O2: HSPA+1700MHz Channel = 1312, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	121.180	-72.39	-13.00	Horizontal	PASS
2	416.060	-72.64	-13.00	Horizontal	PASS
3	1738.856	-45.20	-13.00	Horizontal	PASS
4	2139.016	-47.62	-13.00	Horizontal	PASS
5	5219.967	-46.71	-13.00	Horizontal	PASS
6	9690.998	-40.31	-13.00	Horizontal	PASS

(Plot O3: HSPA+ 1700MHz Channel = 1412, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-64.83	-13.00	Vertical	PASS
2	148.340	-72.39	-13.00	Vertical	PASS
3	298.690	-74.19	-13.00	Vertical	PASS
4	1739.496	-46.05	-13.00	Vertical	PASS
5	2141.577	-47.77	-13.00	Vertical	PASS
6	5697.763	-46.22	-13.00	Vertical	PASS

(Plot O4: HSPA+ 1700MHz Channel = 1412, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	63.950	-73.72	-13.00	Horizontal	PASS
2	121.180	-72.97	-13.00	Horizontal	PASS
3	381.140	-74.45	-13.00	Horizontal	PASS
4	1751.661	-56.40	-13.00	Horizontal	PASS
5	2152.461	-46.86	-13.00	Horizontal	PASS
6	11203.492	-38.97	-13.00	Horizontal	PASS

(Plot O5: HSPA+ 1700MHz Channel = 1513, Test Antenna Horizontal)

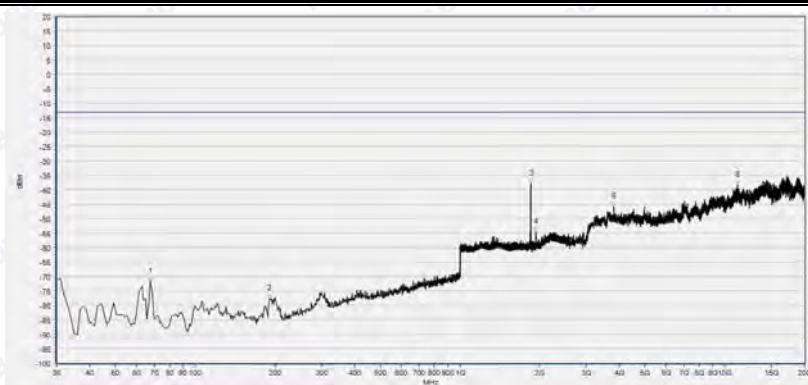


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-65.21	-13.00	Vertical	PASS
2	133.790	-72.86	-13.00	Vertical	PASS
3	300.630	-73.91	-13.00	Vertical	PASS
4	1752.301	-55.00	-13.00	Vertical	PASS
5	2153.101	-46.79	-13.00	Vertical	PASS
6	8444.299	-41.85	-13.00	Vertical	PASS

(Plot O6: HSPA+1700MHz Channel = 1513, Test Antenna Vertical)



REPORT No.: SZ16030142W04



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	67.830	-71.74	-13.00	Horizontal	PASS
2	191.020	-77.60	-13.00	Horizontal	PASS
3	1851.541	-37.91	-13.00	Horizontal	PASS
4	1933.493	-54.50	-13.00	Horizontal	PASS
5	3818.221	-45.80	-13.00	Horizontal	PASS
6	11216.148	-38.25	-13.00	Horizontal	PASS

(Plot P1: HSPA+ 1900MHz Channel = 9262, Test Antenna Horizontal)

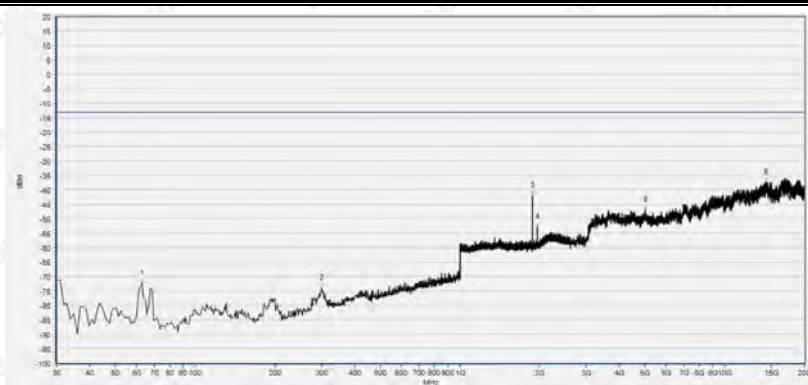


Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.010	-64.23	-13.00	Vertical	PASS
2	303.540	-74.72	-13.00	Vertical	PASS
3	1217.047	-55.10	-13.00	Vertical	PASS
4	1851.541	-41.54	-13.00	Vertical	PASS
5	1933.493	-51.72	-13.00	Vertical	PASS
6	6371.740	-45.77	-13.00	Vertical	PASS

(Plot P2: HSPA+ 1900MHz Channel = 9262, Test Antenna Vertical)



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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-72.30	-13.00	Horizontal	PASS
2	300.630	-74.11	-13.00	Horizontal	PASS
3	1878.431	-42.09	-13.00	Horizontal	PASS
4	1959.104	-52.87	-13.00	Horizontal	PASS
5	5014.294	-46.92	-13.00	Horizontal	PASS
6	14282.270	-37.35	-13.00	Horizontal	PASS

(Plot P3: HSPA+ 1900MHz Channel = 9400, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	64.920	-65.82	-13.00	Vertical	PASS
2	198.780	-79.41	-13.00	Vertical	PASS
3	1878.431	-46.21	-13.00	Vertical	PASS
4	1959.104	-50.73	-13.00	Vertical	PASS
5	4634.588	-46.74	-13.00	Vertical	PASS
6	14323.404	-36.95	-13.00	Vertical	PASS

(Plot P4: HSPA+ 1900MHz Channel = 9400, Test Antenna Vertical)



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Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	62.980	-71.94	-13.00	Horizontal	PASS
2	193.930	-78.48	-13.00	Horizontal	PASS
3	1908.523	-51.81	-13.00	Horizontal	PASS
4	1987.275	-52.08	-13.00	Horizontal	PASS
5	3644.190	-47.48	-13.00	Horizontal	PASS
6	14393.017	-37.31	-13.00	Horizontal	PASS

(Plot P5: HSPA+ 1900MHz Channel = 9538, Test Antenna Horizontal)



Num	Freq(MHz)	PK	limit PK	Antenna	Verdict
1	61.040	-66.27	-13.00	Vertical	PASS
2	525.670	-72.97	-13.00	Vertical	PASS
3	1908.523	-46.50	-13.00	Vertical	PASS
4	1988.555	-49.00	-13.00	Vertical	PASS
5	3849.864	-46.94	-13.00	Vertical	PASS
6	14399.345	-36.03	-13.00	Vertical	PASS

(Plot P6: HSPA+ 1900MHz Channel = 9538, Test Antenna Vertical)

***** END OF REPORT *****