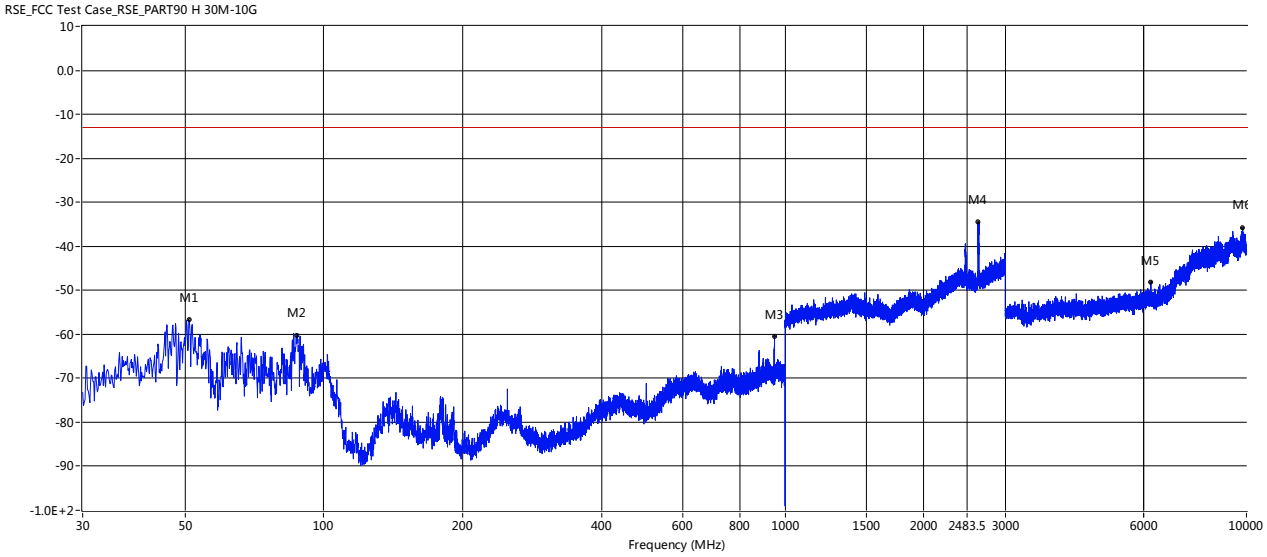
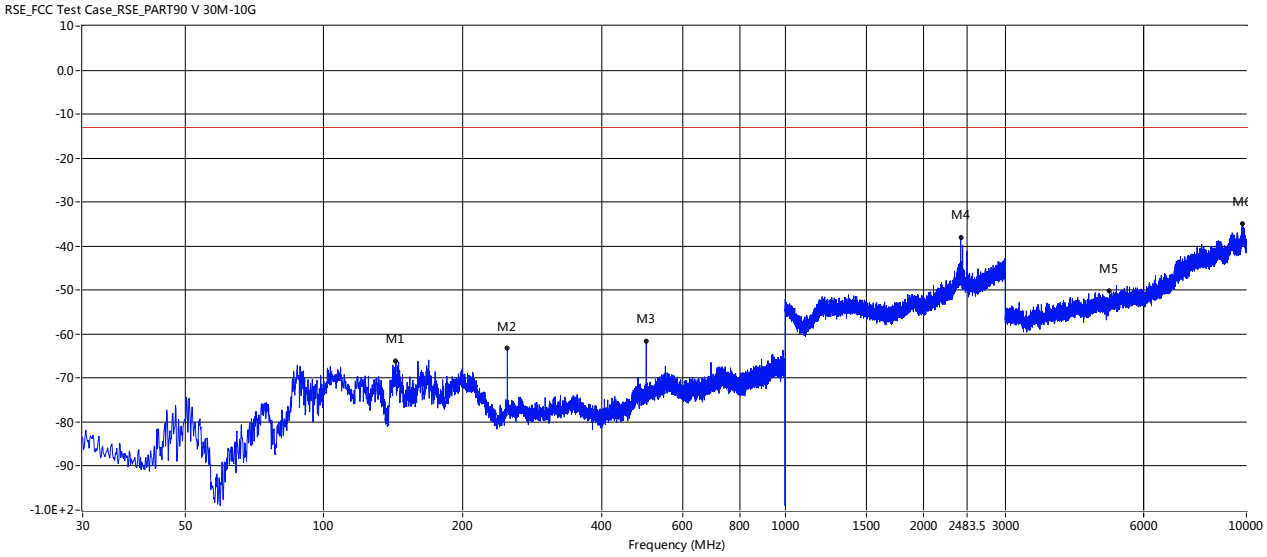
TDM
Horizontal



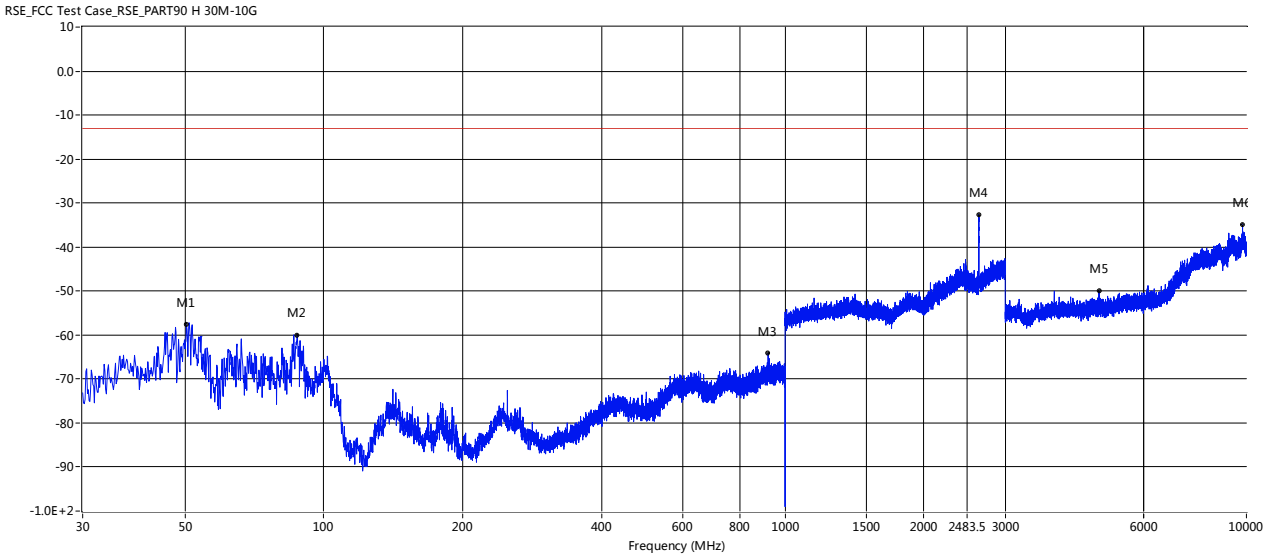
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
50.976	-56.71	-12.45	-13.0	-43.71	2.00	Horizontal	Vertical	Pass
87.594	-60.18	-14.97	-13.0	-47.18	2.00	Horizontal	Vertical	Pass
948.469	-60.44	8.80	-13.0	-47.44	1.00	Horizontal	Vertical	Pass
2621.250	-34.51	18.36	-13.0	-21.51	9.00	Horizontal	Vertical	Pass
6211.250	-48.19	7.14	-13.0	-35.19	1.00	Horizontal	Vertical	Pass
9824.125	-35.68	18.58	-13.0	-22.68	4.00	Horizontal	Vertical	Pass

Vertical



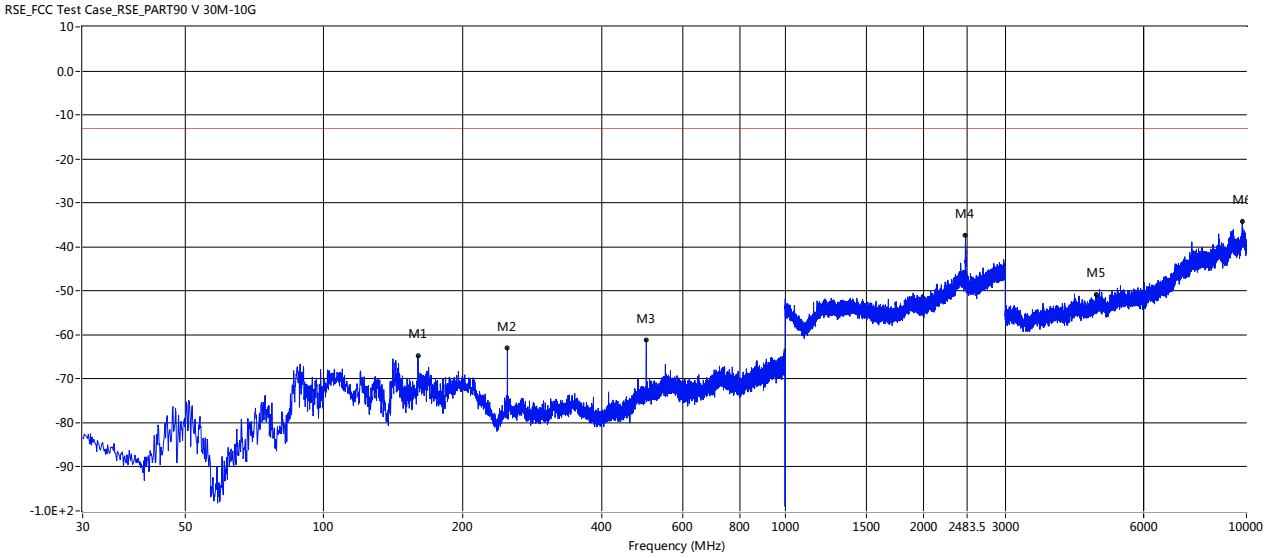
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
143.369	-66.00	-3.08	-13.0	-53.00	8.00	Vertical	Vertical	Pass
249.947	-63.29	-5.29	-13.0	-50.29	8.00	Vertical	Vertical	Pass
499.965	-61.59	4.61	-13.0	-48.59	8.00	Vertical	Vertical	Pass
2402.000	-37.93	19.87	-13.0	-24.93	9.00	Vertical	Vertical	Pass
5051.875	-50.18	5.66	-13.0	-37.18	10.00	Vertical	Vertical	Pass
9818.875	-34.80	19.73	-13.0	-21.80	1.00	Vertical	Vertical	Pass

Title 21
Low channel
Horizontal



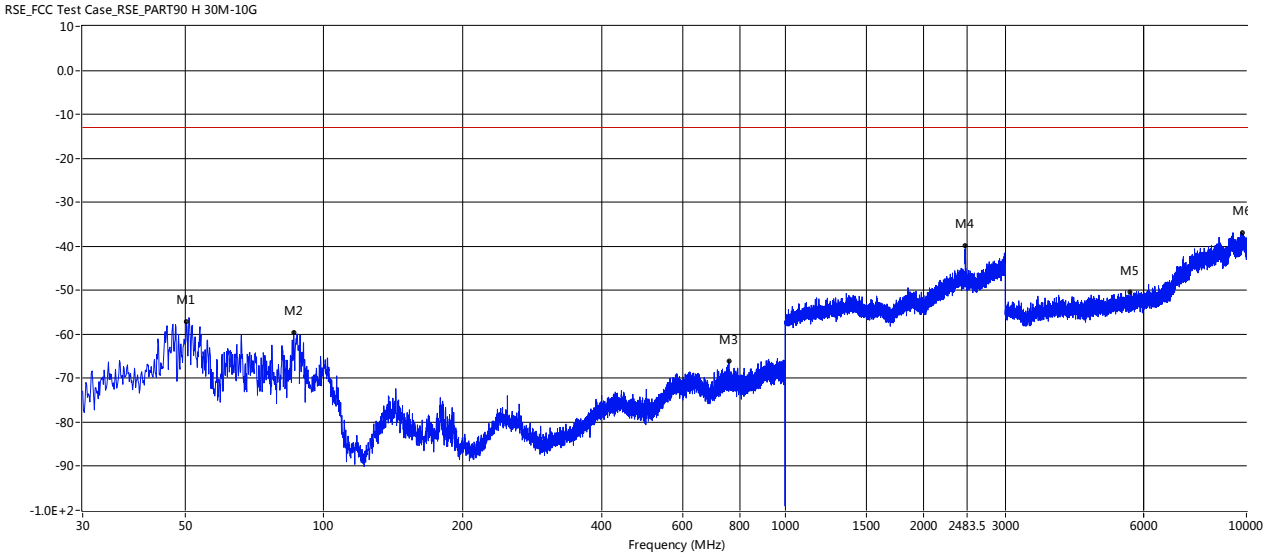
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
50.370	-57.67	-12.00	-13.0	-44.67	8.00	Horizontal	Vertical	Pass
87.594	-59.97	-14.97	-13.0	-46.97	5.00	Horizontal	Vertical	Pass
918.641	-64.15	9.55	-13.0	-51.15	4.00	Horizontal	Vertical	Pass
2629.500	-32.63	18.49	-13.0	-19.63	8.00	Horizontal	Vertical	Pass
4792.875	-49.91	4.74	-13.0	-36.91	4.00	Horizontal	Vertical	Pass
9807.500	-34.92	18.66	-13.0	-21.92	7.00	Horizontal	Vertical	Pass

Vertical



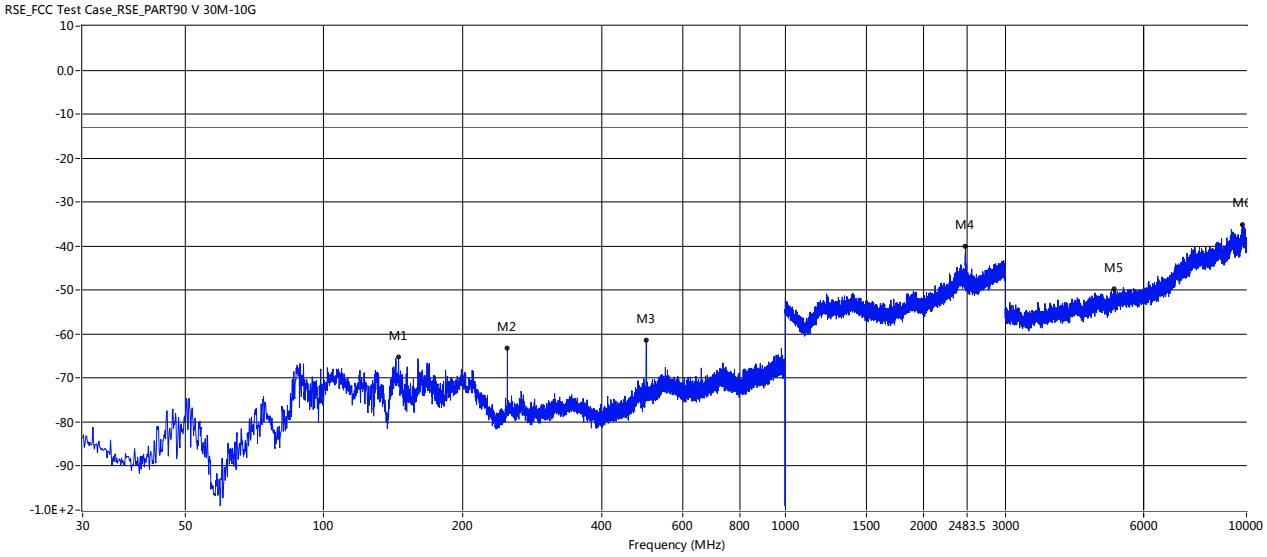
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
159.980	-64.66	-3.73	-13.0	-51.66	8.00	Vertical	Vertical	Pass
249.947	-63.05	-5.29	-13.0	-50.05	10.00	Vertical	Vertical	Pass
499.965	-61.15	4.61	-13.0	-48.15	8.00	Vertical	Vertical	Pass
2460.750	-37.38	18.76	-13.0	-24.38	10.00	Vertical	Vertical	Pass
4719.375	-50.86	5.19	-13.0	-37.86	1.00	Vertical	Vertical	Pass
9800.500	-34.30	19.88	-13.0	-21.30	6.00	Vertical	Vertical	Pass

High channel
Horizontal



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
50.370	-57.23	-12.00	-13.0	-44.23	6.00	Horizontal	Vertical	Pass
86.018	-59.58	-15.14	-13.0	-46.58	6.00	Horizontal	Vertical	Pass
755.196	-66.21	7.22	-13.0	-53.21	7.00	Horizontal	Vertical	Pass
2459.500	-39.75	19.25	-13.0	-26.75	1.00	Horizontal	Vertical	Pass
5600.500	-50.40	6.22	-13.0	-37.40	4.00	Horizontal	Vertical	Pass
9787.375	-36.96	18.44	-13.0	-23.96	1.00	Horizontal	Vertical	Pass

Vertical



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.188	-65.25	-3.15	-13.0	-52.25	4.00	Vertical	Vertical	Pass
249.947	-63.15	-5.29	-13.0	-50.15	6.00	Vertical	Vertical	Pass
499.965	-61.44	4.61	-13.0	-48.44	5.00	Vertical	Vertical	Pass
2460.500	-40.15	18.77	-13.0	-27.15	8.00	Vertical	Vertical	Pass
5157.750	-49.77	6.49	-13.0	-36.77	3.00	Vertical	Vertical	Pass
9797.875	-35.17	19.82	-13.0	-22.17	3.00	Vertical	Vertical	Pass

7. SPURIOUS EMISSIONS AT ANTENNA TERMINALS

7.1 REQUIREMENT

On any frequency outside the licensee's sub-band edges: 55 + 10 log(P) dB, where (P) is the highest emission (watts) of the transmitter inside the licensee's sub-band.

7.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

7.3 TEST SETUP

The EUT which is powered by the adapter and coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, the span is set to be greater than RBW.

7.4 EUT OPERATION CONDITIONS

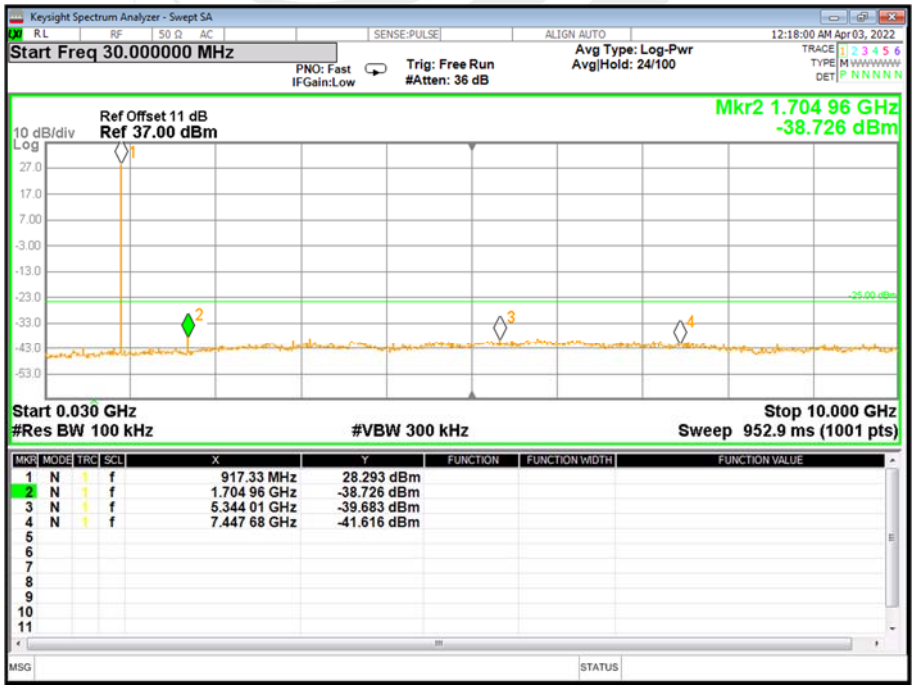
Please refer to section 2.4 of this report.

7.5 TEST RESULT

Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	Dense reader mode ISO-18000-63	Test Voltage :	DC 3V

911.25MHz

920.25



Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	Single reader mode ISO-18000-63	Test Voltage :	DC 3V

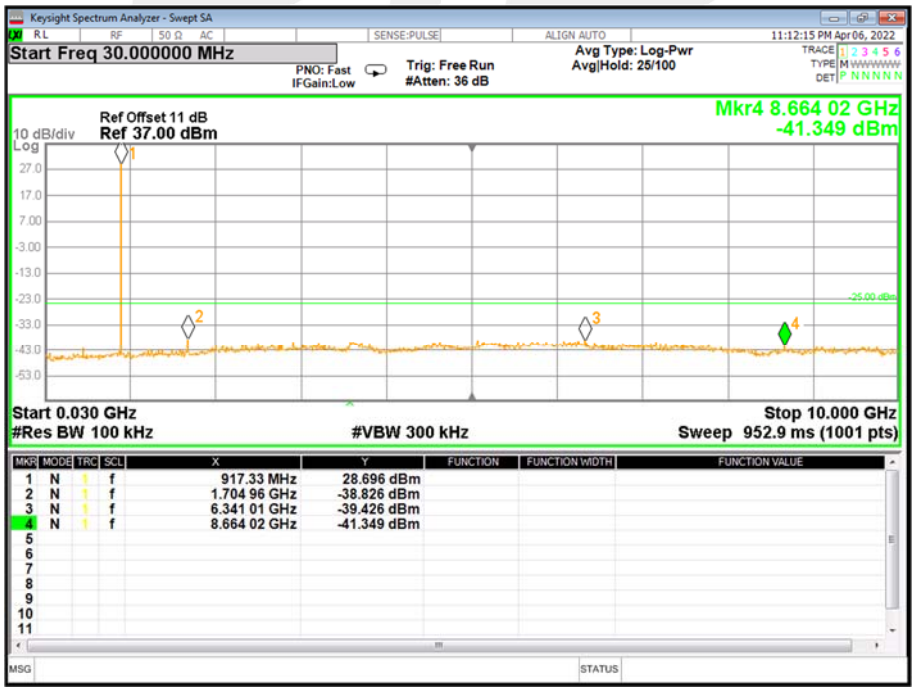
911.75MHz

919.25MHz

Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	Low data rate ISO-18000-62(40kbps)	Test Voltage :	DC 3V

911.75MHz

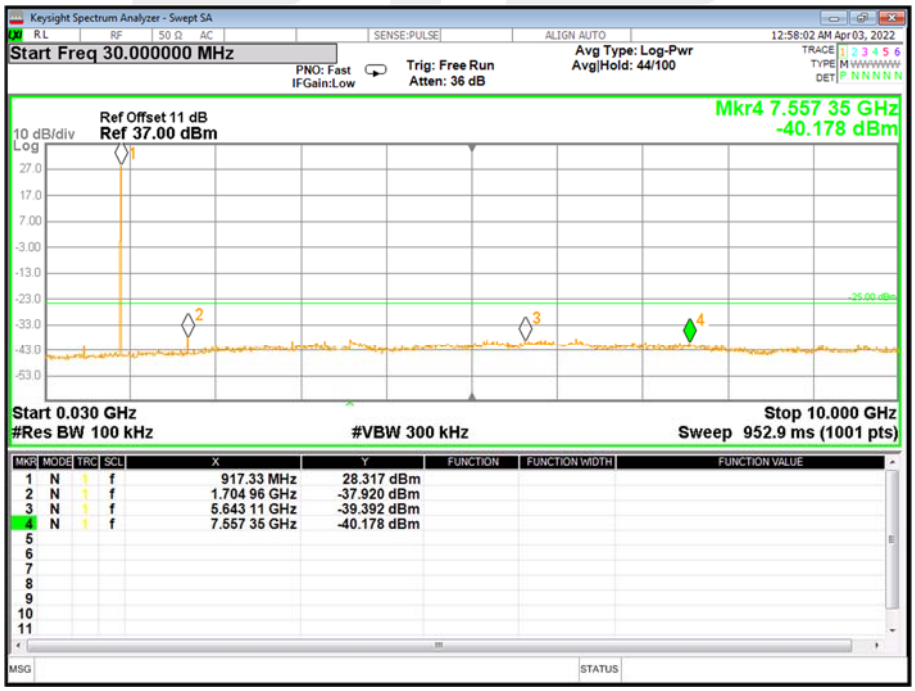
919.75MHz



Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	High data rate ISO-18000-62(80kbps)	Test Voltage :	DC 3V

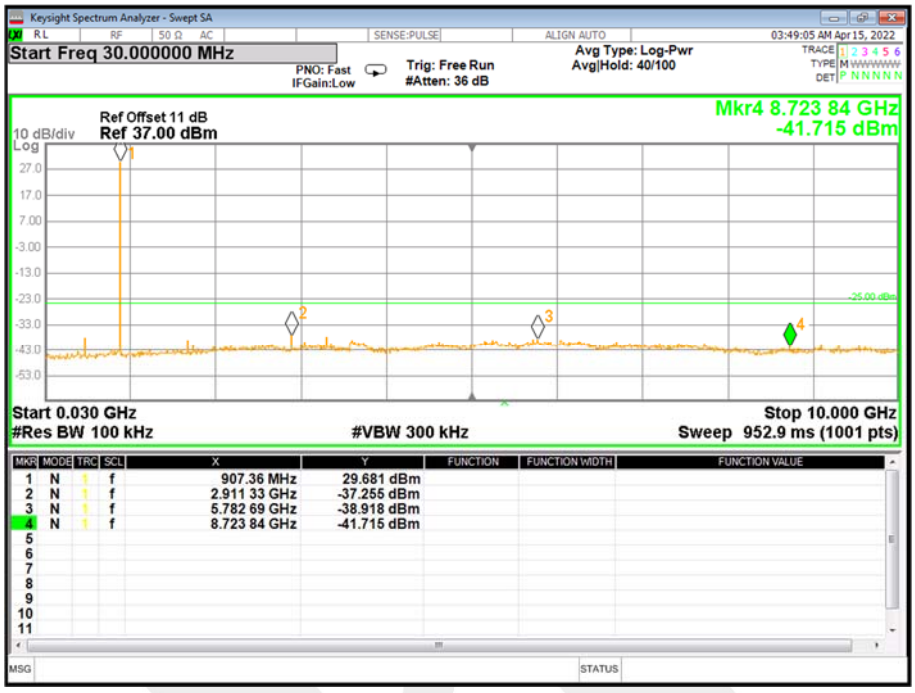
912.75MHz

918.75MHz



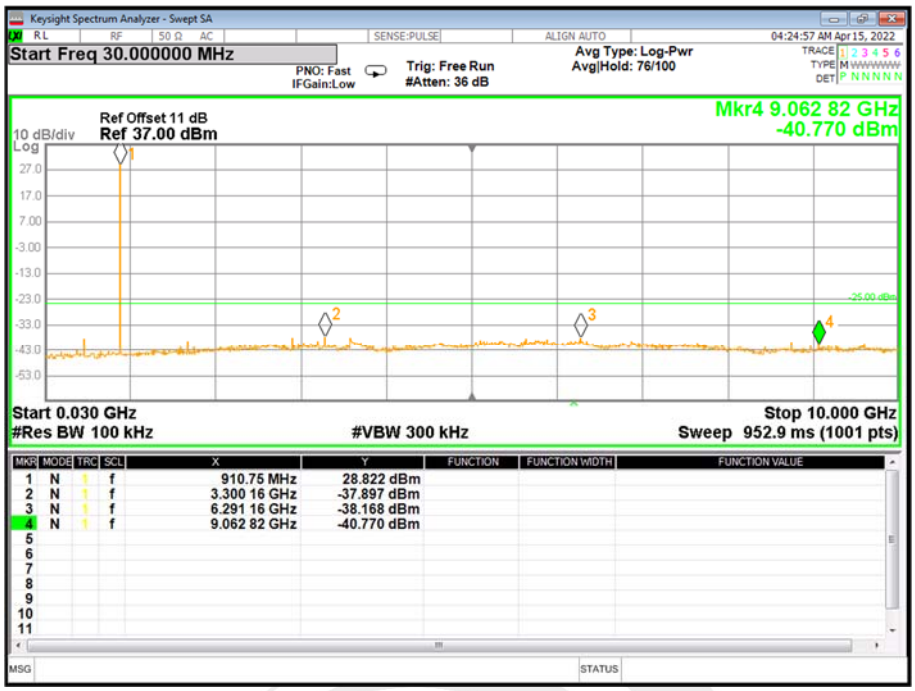
Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	Unmodulated ISO-10374	Test Voltage :	DC 3V

902.75MHz

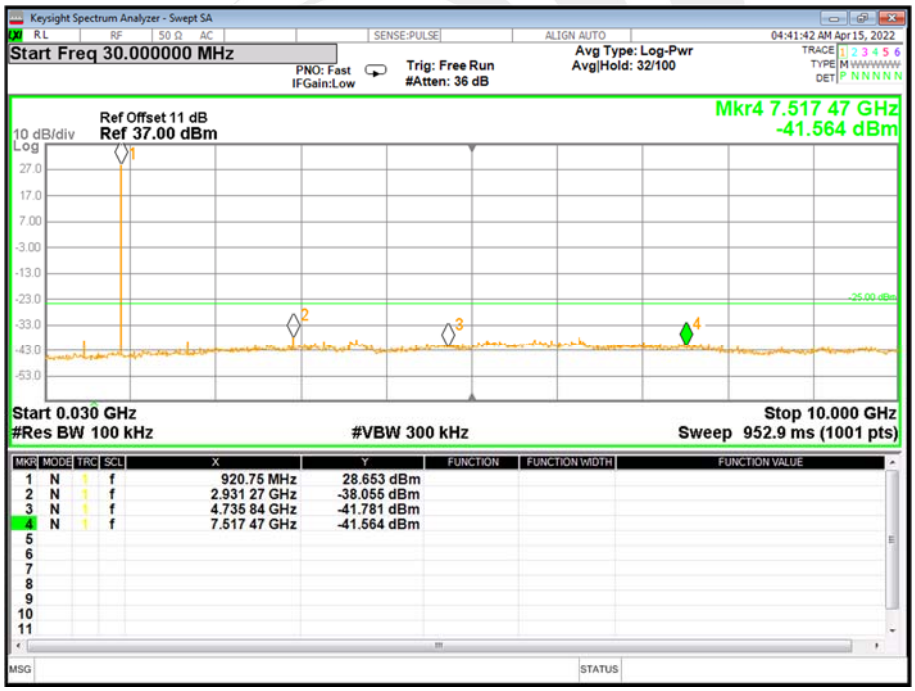


903.25MHz

910.75MHz



920.75MHz



Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	TDM	Test Voltage :	DC 3V

915.75MHz

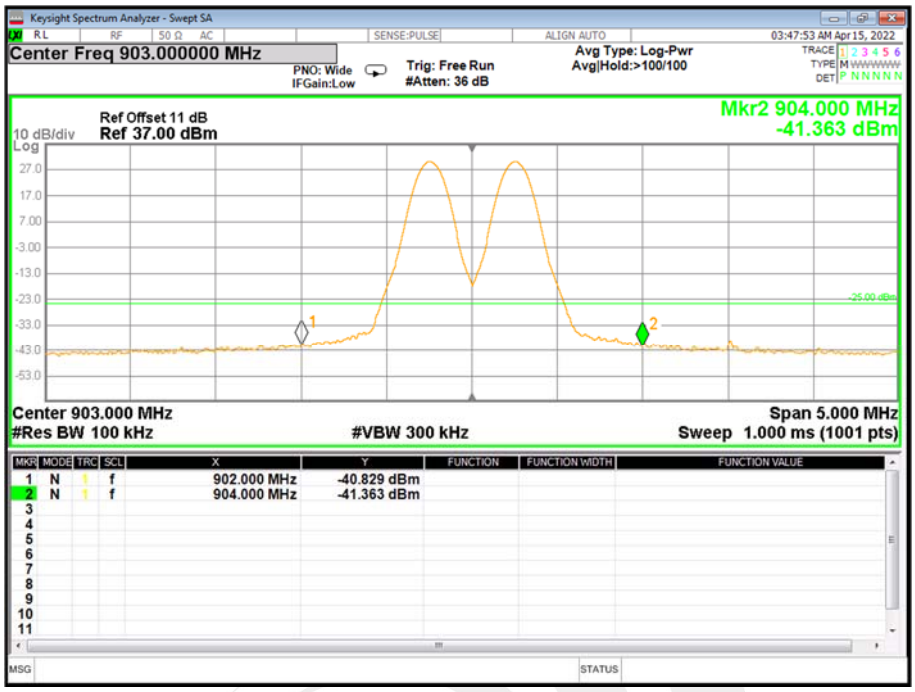
Temperature :	25 ℃	Relative Humidity :	50%
Test Mode :	Title 21	Test Voltage :	DC 3V

913.75MHz

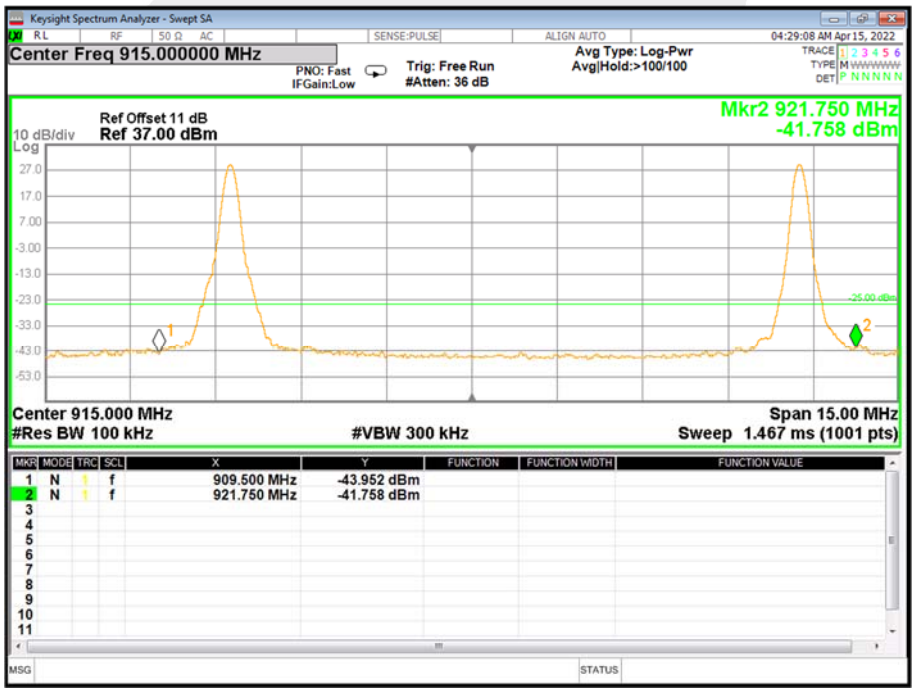
917.75MHz

For band edge

Lower and Upper Band Edge-Low band- Unmodulated ISO-10374



Lower and Upper Band Edge-910.75~920.75- Unmodulated ISO-10374



8. Receiver Spurious Emissions

8.1 TEST LIMIT

Radiated emission measurements shall be performed with the receiver antenna connected to the receiver antenna ports. The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least five times the highest tunable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.

Spurious emissions from receivers shall not exceed the radiated emissions limits shown in table 3.

Table 3 – Receiver radiated emissions limits

Frequency (MHz)	Field strength (μV/m at 3 metres)Note 1
30-88	100
88-216	150
216-960	200
Above 960	500

Note 1: Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with section 6.6.

8.2 TEST PROCEDURE

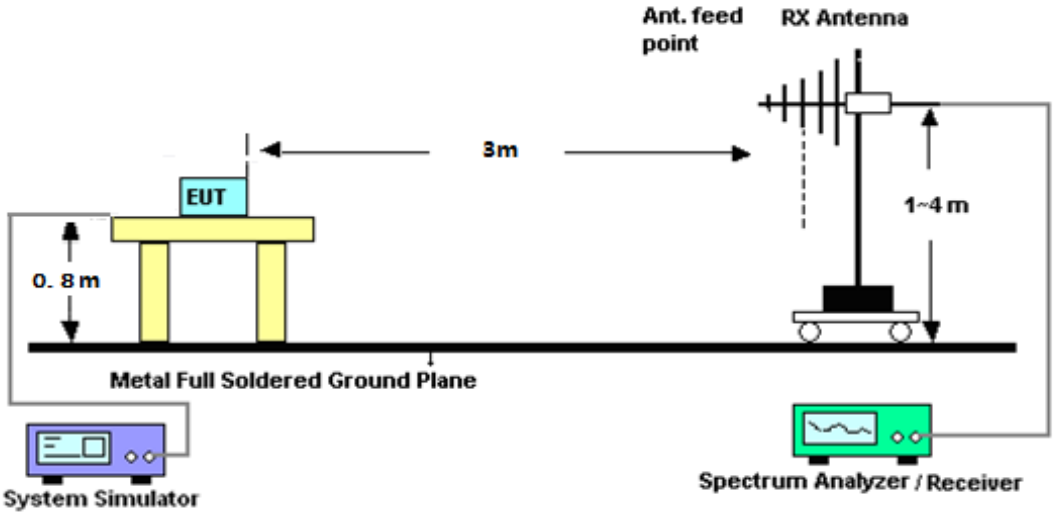
a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz,and above 1GHz.
b. The EUT was placed on the top of a rotating table 0.8 meters (above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

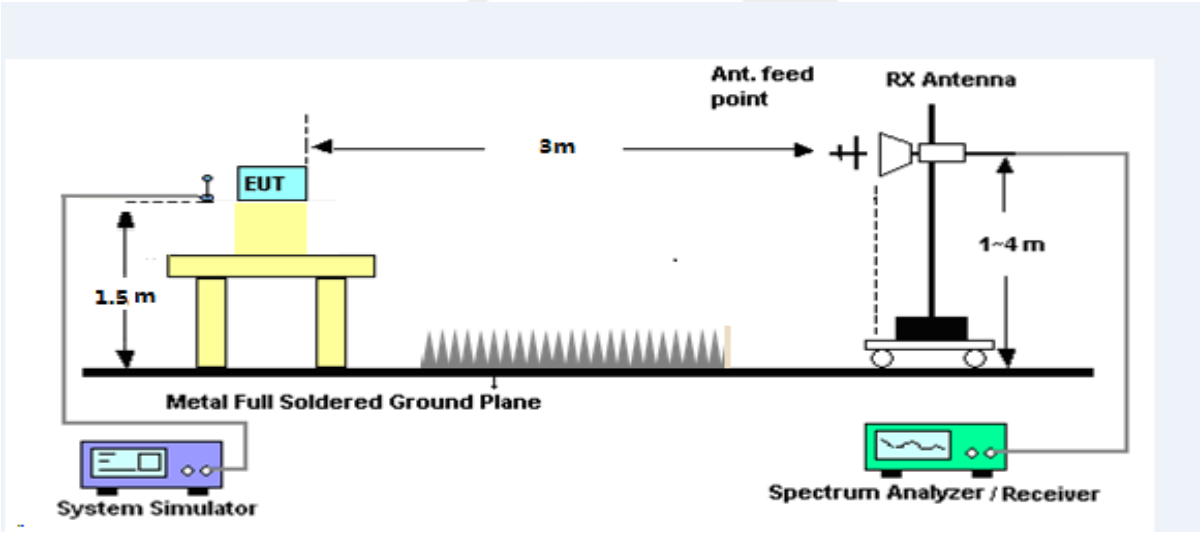
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

8.3 TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



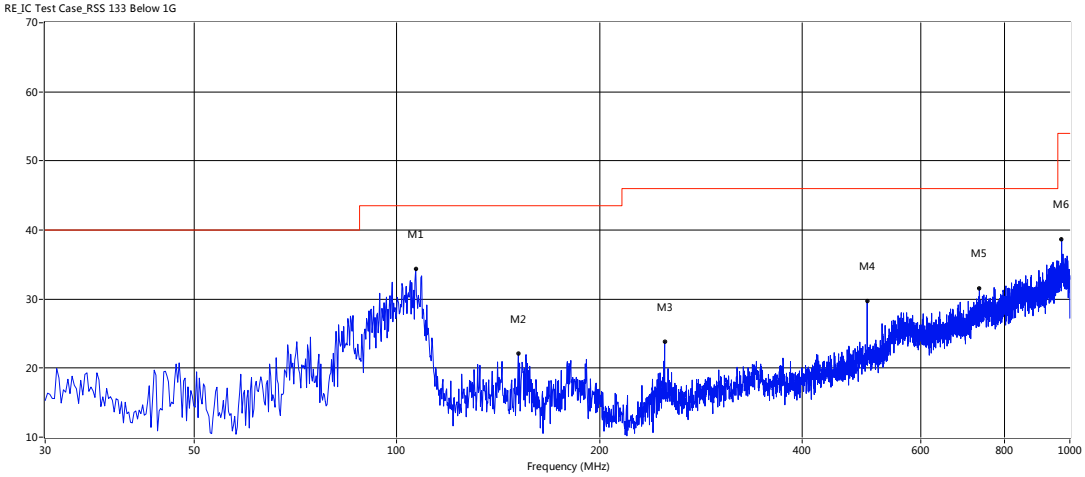
8.4 TEST RESULT

Note: All mode has been tested, only show the worst case in this report.

Test result of 30MHz -1GHz:

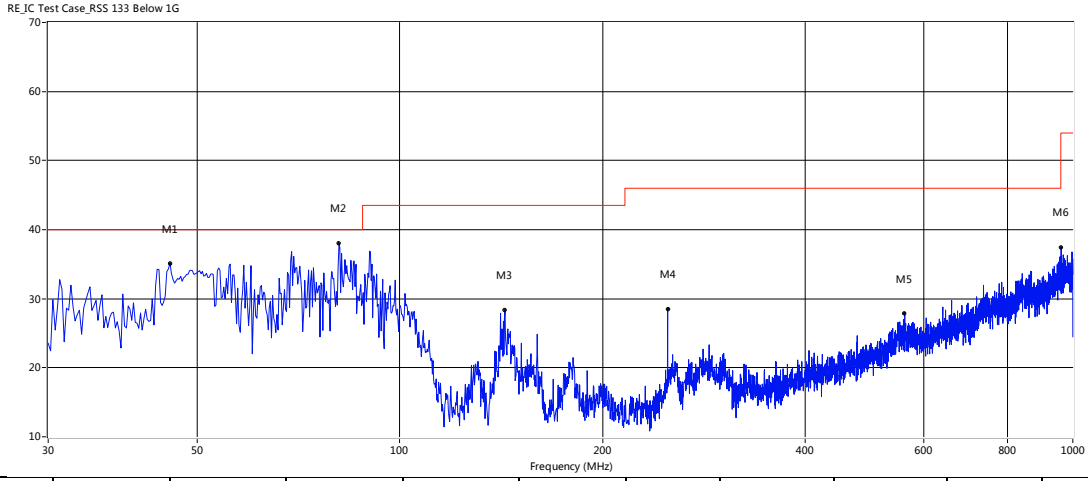
Dense reader mode ISO-18000-63

Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
106.630	34.39	--	--	-18.17	--	43.5	--	-9.11	12.00	100	Horizontal	Pass
151.492	22.14	--	--	-17.10	--	43.5	--	-21.36	0.00	100	Horizontal	Pass
249.947	23.82	--	--	-14.22	--	46.0	--	-22.18	13.00	100	Horizontal	Pass
499.965	29.74	--	--	-5.63	--	46.0	--	-16.26	0.00	100	Horizontal	Pass
733.735	31.54	--	--	0.57	--	46.0	--	-14.46	11.00	100	Horizontal	Pass
972.598	38.69	--	--	5.52	--	54.0	--	-15.31	8.00	100	Horizontal	Pass.

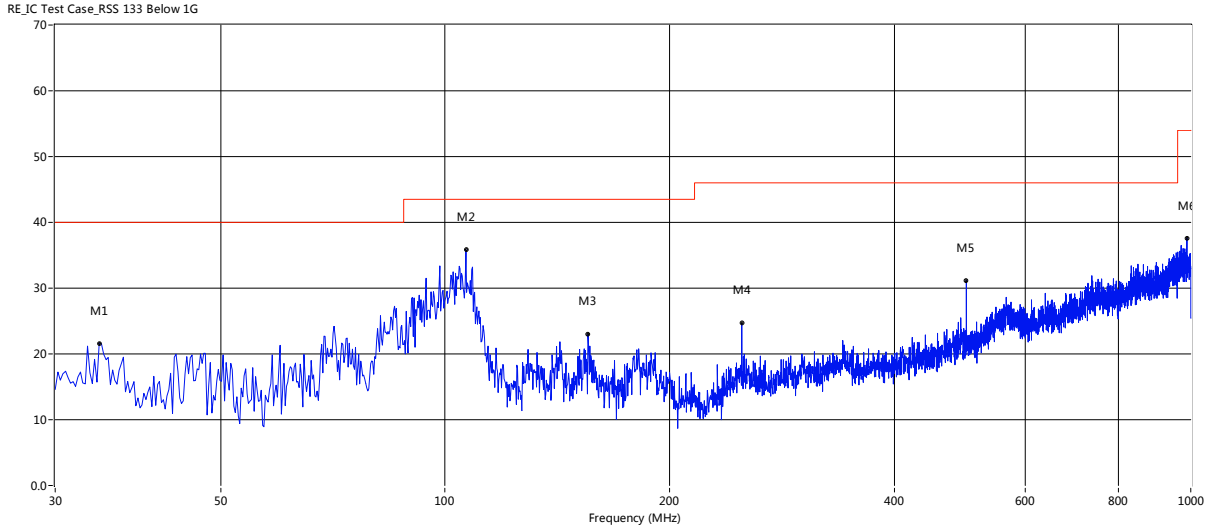
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	30.37	--	--	-21.03	--	40.0	--	-9.63	15.00	100	Vertical	Pass
81.168	38.00	--	--	-21.73	--	40.0	--	-2.00	12.00	100	Vertical	Pass
143.248	28.37	--	--	-16.77	--	43.5	--	-15.13	13.00	100	Vertical	Pass
249.947	28.53	--	--	-14.22	--	46.0	--	-17.47	1.00	100	Vertical	Pass
562.530	27.82	--	--	-2.98	--	46.0	--	-18.18	0.00	100	Vertical	Pass
960.958	37.44	--	--	5.13	--	54.0	--	-16.56	4.00	100	Vertical	Pass.

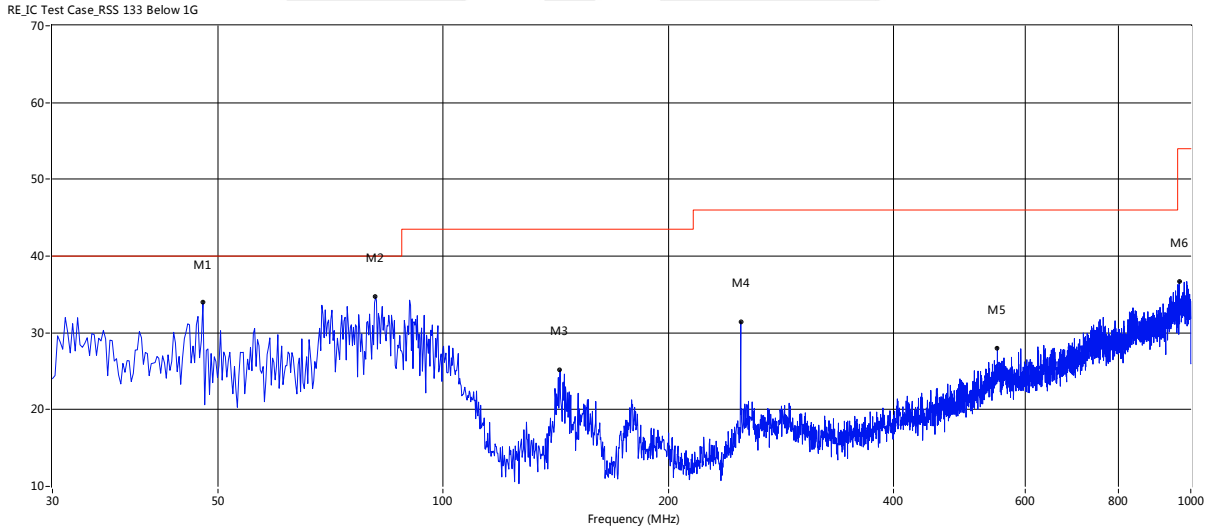
Single reader mode ISO-18000-63

Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
34.365	21.62	--	--	-14.15	--	40.0	--	-18.38	8.00	100	Horizontal	Pass
106.630	35.83	--	--	-18.17	--	43.5	--	-7.67	1.00	100	Horizontal	Pass
155.372	22.95	--	--	-17.17	--	43.5	--	-20.55	13.00	100	Horizontal	Pass
249.947	24.66	--	--	-14.22	--	46.0	--	-21.34	13.00	100	Horizontal	Pass
499.965	31.20	--	--	-5.63	--	46.0	--	-14.80	0.00	100	Horizontal	Pass
987.875	37.64	--	--	5.55	--	54.0	--	-16.36	12.00	100	Horizontal	Pass.

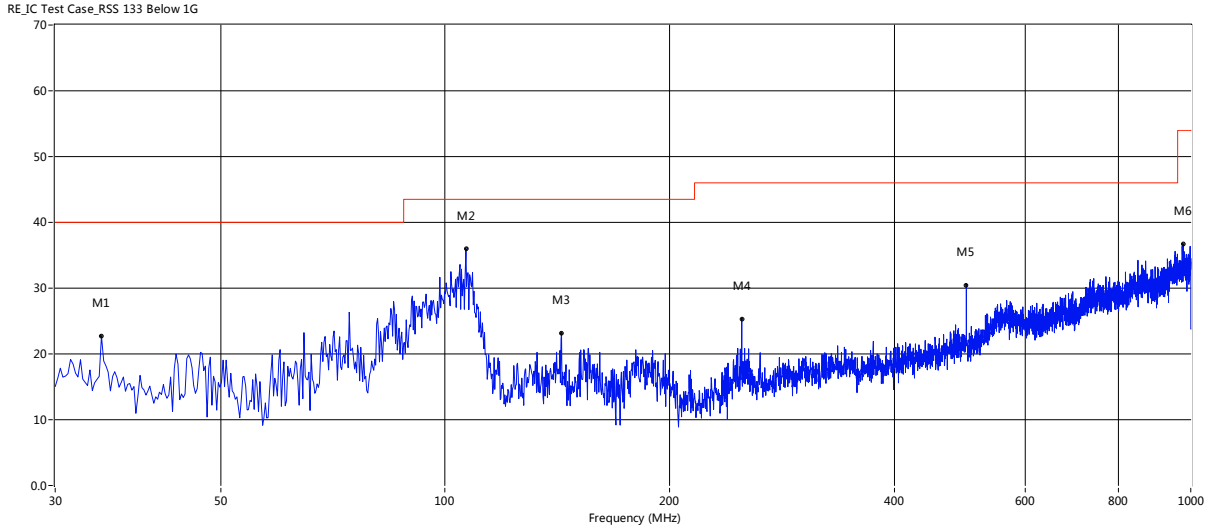
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	33.94	--	--	-21.03	--	40.0	--	-6.06	15.00	100	Vertical	Pass
81.168	34.71	--	--	-21.73	--	40.0	--	-5.29	8.00	100	Vertical	Pass
143.248	25.17	--	--	-16.77	--	43.5	--	-18.33	1.00	100	Vertical	Pass
249.947	31.46	--	--	-14.22	--	46.0	--	-14.54	8.00	100	Vertical	Pass
551.132	28.01	--	--	-3.20	--	46.0	--	-17.99	2.00	100	Vertical	Pass
964.838	36.74	--	--	5.23	--	54.0	--	-17.26	7.00	100	Vertical	Pass.

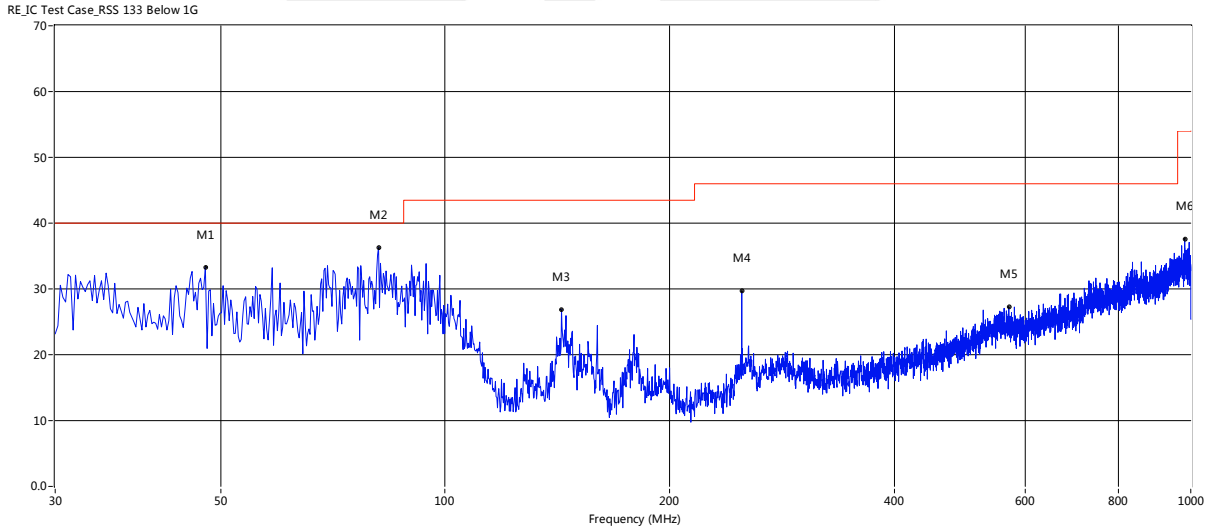
Low data rate ISO-18000-62 (40kbps)

Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
34.608	22.73	--	--	-14.28	--	40.0	--	-17.27	1.00	100	Horizontal	Pass
106.630	36.02	--	--	-18.17	--	43.5	--	-7.48	13.00	100	Horizontal	Pass
143.248	23.17	--	--	-16.77	--	43.5	--	-20.33	1.00	100	Horizontal	Pass
249.947	25.29	--	--	-14.22	--	46.0	--	-20.71	10.00	100	Horizontal	Pass
499.965	30.49	--	--	-5.63	--	46.0	--	-15.51	7.00	100	Horizontal	Pass
976.962	36.66	--	--	5.82	--	54.0	--	-17.34	5.00	100	Horizontal	Pass.

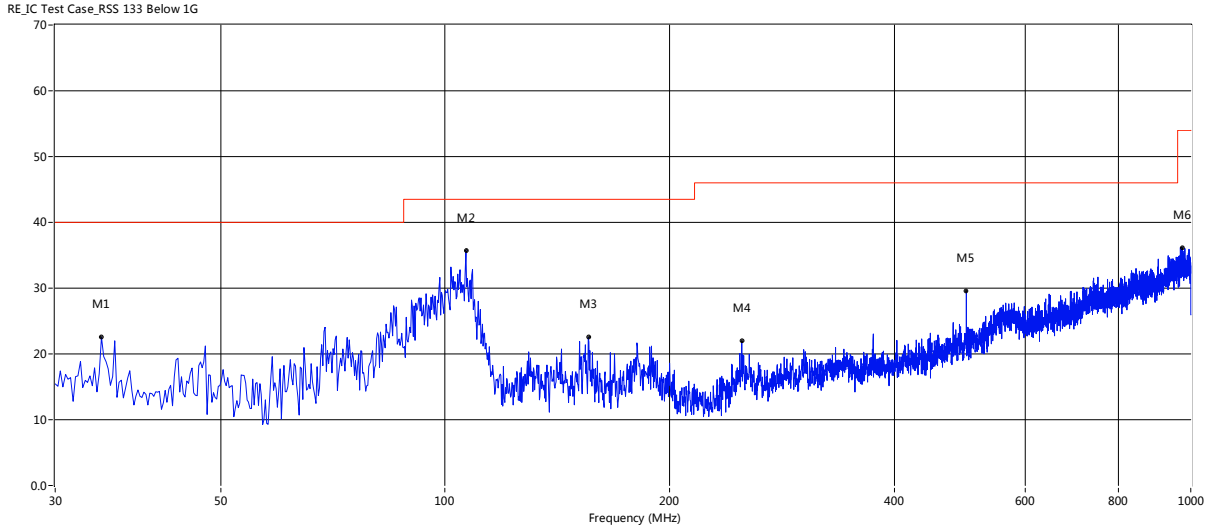
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	33.29	--	--	-21.03	--	40.0	--	-6.71	4.00	100	Vertical	Pass
81.410	36.33	--	--	-21.70	--	40.0	--	-3.67	12.00	100	Vertical	Pass
143.248	26.88	--	--	-16.77	--	43.5	--	-16.62	0.00	100	Vertical	Pass
249.947	29.67	--	--	-14.22	--	46.0	--	-16.33	9.00	100	Vertical	Pass
570.047	27.23	--	--	-3.07	--	46.0	--	-18.77	14.00	100	Vertical	Pass
981.327	37.62	--	--	5.94	--	54.0	--	-16.38	7.00	100	Vertical	Pass.

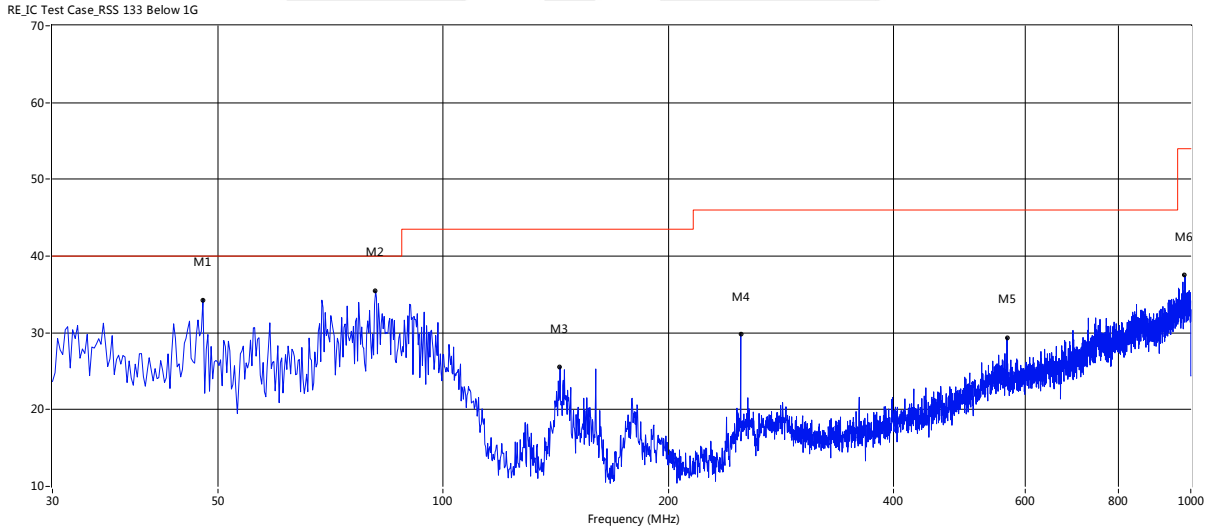
High data rate ISO-18000-62 (80kbps)

Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
34.608	22.54	--	--	-14.28	--	40.0	--	-17.46	0.00	100	Horizontal	Pass
106.630	35.77	--	--	-18.17	--	43.5	--	-7.73	5.00	100	Horizontal	Pass
155.615	22.52	--	--	-17.18	--	43.5	--	-20.98	9.00	100	Horizontal	Pass
249.947	21.98	--	--	-14.22	--	46.0	--	-24.02	13.00	100	Horizontal	Pass
499.965	29.58	--	--	-5.63	--	46.0	--	-16.42	2.00	100	Horizontal	Pass
973.567	36.20	--	--	5.59	--	54.0	--	-17.80	12.00	100	Horizontal	Pass.

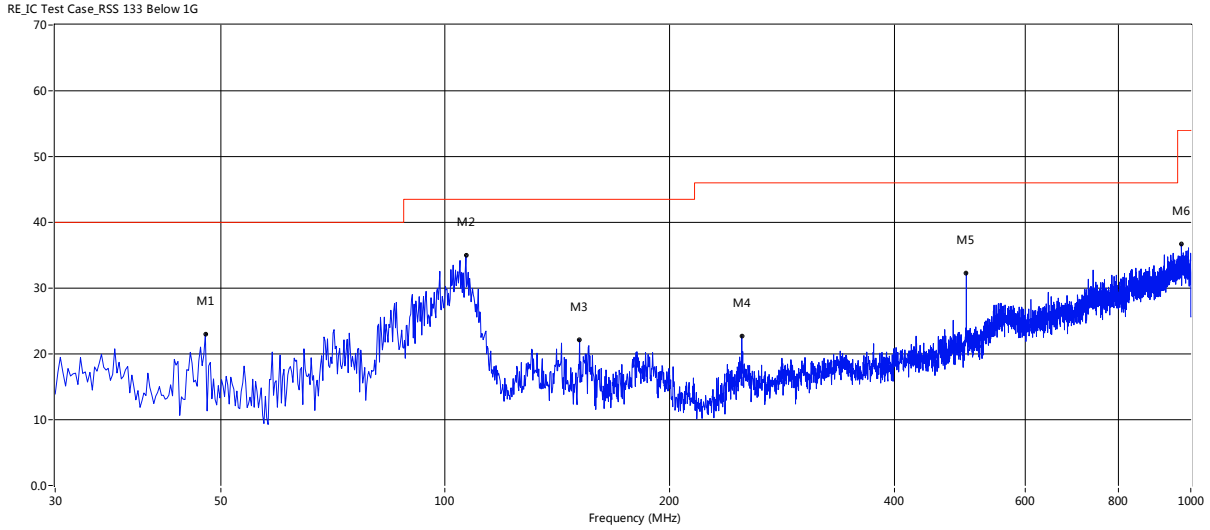
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	34.28	--	--	-21.03	--	40.0	--	-5.72	0.00	100	Vertical	Pass
81.168	35.43	--	--	-21.73	--	40.0	--	-4.57	1.00	100	Vertical	Pass
143.248	25.59	--	--	-16.77	--	43.5	--	-17.91	15.00	100	Vertical	Pass
249.947	29.78	--	--	-14.22	--	46.0	--	-16.22	9.00	100	Vertical	Pass
567.623	29.39	--	--	-3.04	--	46.0	--	-16.61	6.00	100	Vertical	Pass
981.085	37.49	--	--	5.96	--	54.0	--	-16.51	7.00	100	Vertical	Pass.

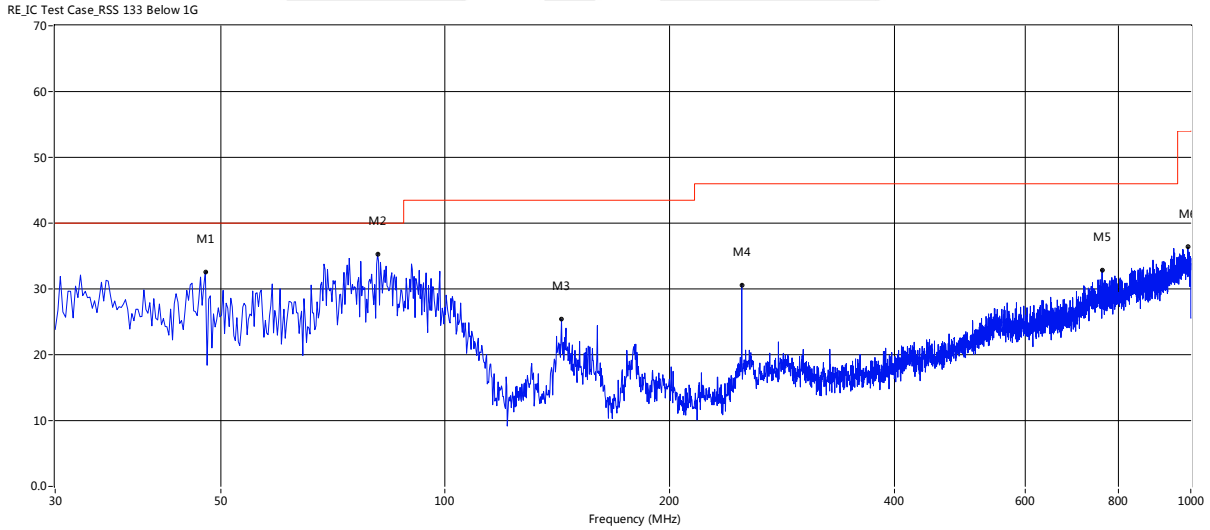
Unmodulated ISO-10374

Horizontal



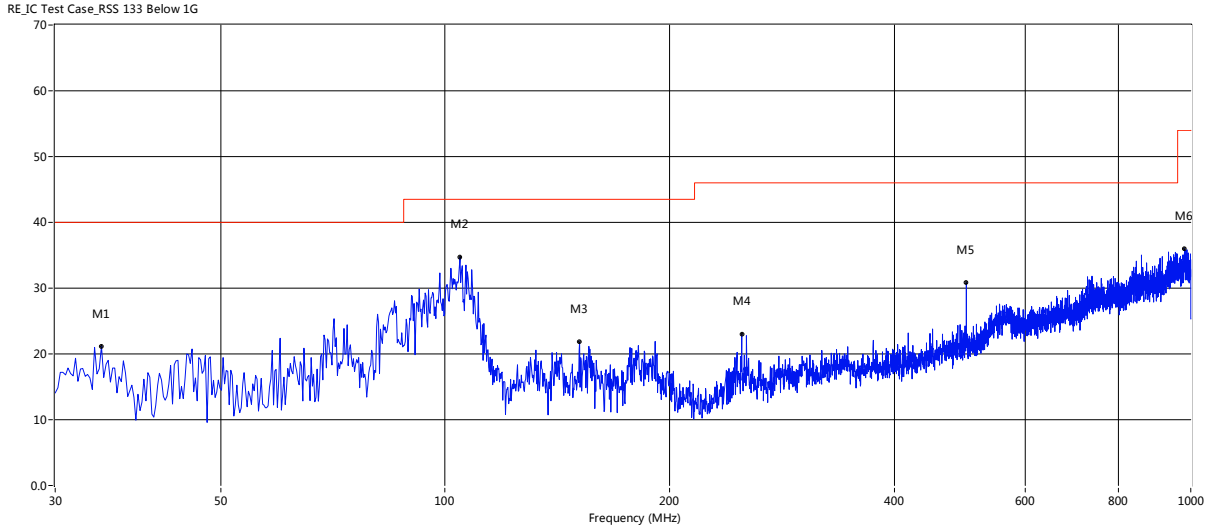
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	22.96	--	--	-21.03	--	40.0	--	-17.04	4.00	100	Horizontal	Pass
106.630	34.97	--	--	-18.17	--	43.5	--	-8.53	4.00	100	Horizontal	Pass
151.492	22.21	--	--	-17.10	--	43.5	--	-21.29	4.00	100	Horizontal	Pass
249.947	22.69	--	--	-14.22	--	46.0	--	-23.31	5.00	100	Horizontal	Pass
499.965	32.25	--	--	-5.63	--	46.0	--	-13.75	2.00	100	Horizontal	Pass
971.143	36.71	--	--	5.43	--	54.0	--	-17.29	4.00	100	Horizontal	Pass.

Vertical



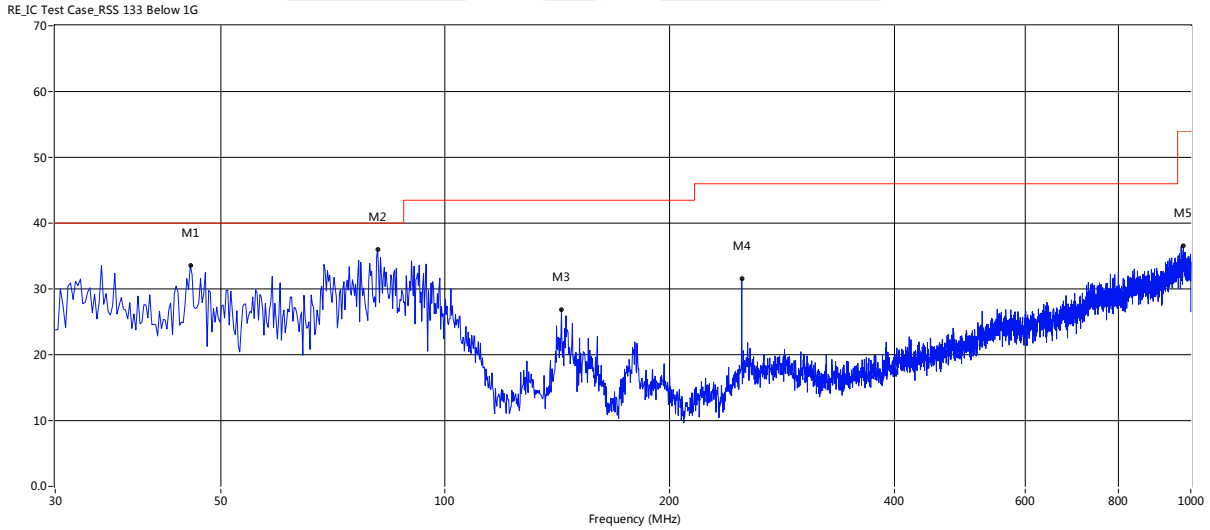
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	32.62	--	--	-21.03	--	40.0	--	-7.38	0.00	100	Vertical	Pass
81.168	35.22	--	--	-21.73	--	40.0	--	-4.78	0.00	100	Vertical	Pass
143.248	25.39	--	--	-16.77	--	43.5	--	-18.11	12.00	100	Vertical	Pass
249.947	30.61	--	--	-14.22	--	46.0	--	-15.39	1.00	100	Vertical	Pass
760.167	32.89	--	--	0.76	--	46.0	--	-13.11	15.00	100	Vertical	Pass
990.785	36.36	--	--	5.43	--	54.0	--	-17.64	0.00	100	Vertical	Pass.

TDM
Horizontal



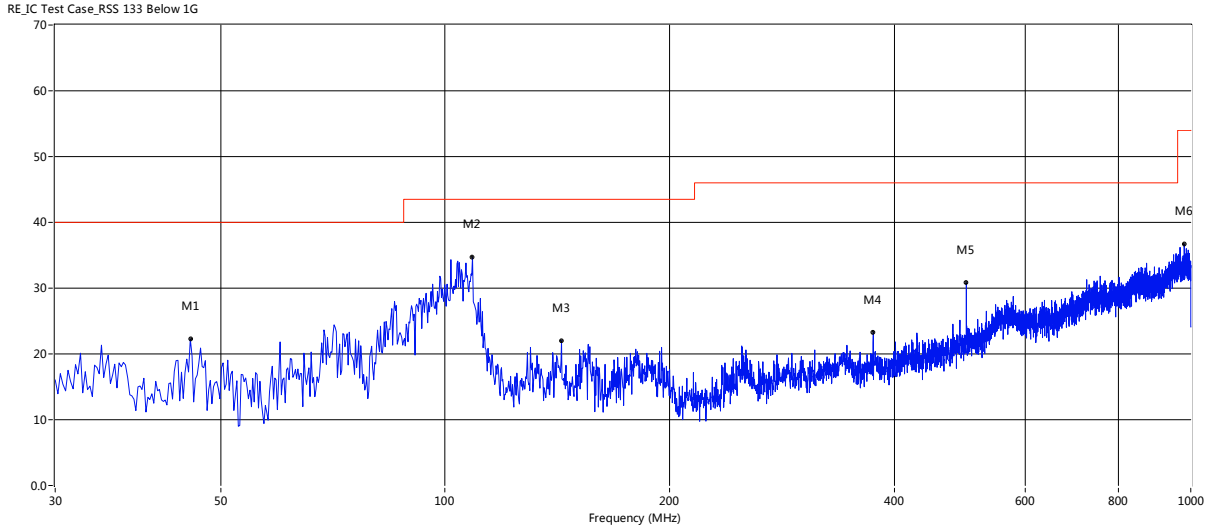
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
34.608	21.18	--	--	-14.28	--	40.0	--	-18.82	0.00	100	Horizontal	Pass
104.690	34.72	--	--	-18.40	--	43.5	--	-8.78	15.00	100	Horizontal	Pass
151.492	21.84	--	--	-17.10	--	43.5	--	-21.66	8.00	100	Horizontal	Pass
249.947	23.05	--	--	-14.22	--	46.0	--	-22.95	0.00	100	Horizontal	Pass
499.965	30.84	--	--	-5.63	--	46.0	--	-15.16	10.00	100	Horizontal	Pass
980.843	36.06	--	--	5.97	--	54.0	--	-17.94	15.00	100	Horizontal	Pass.

Vertical



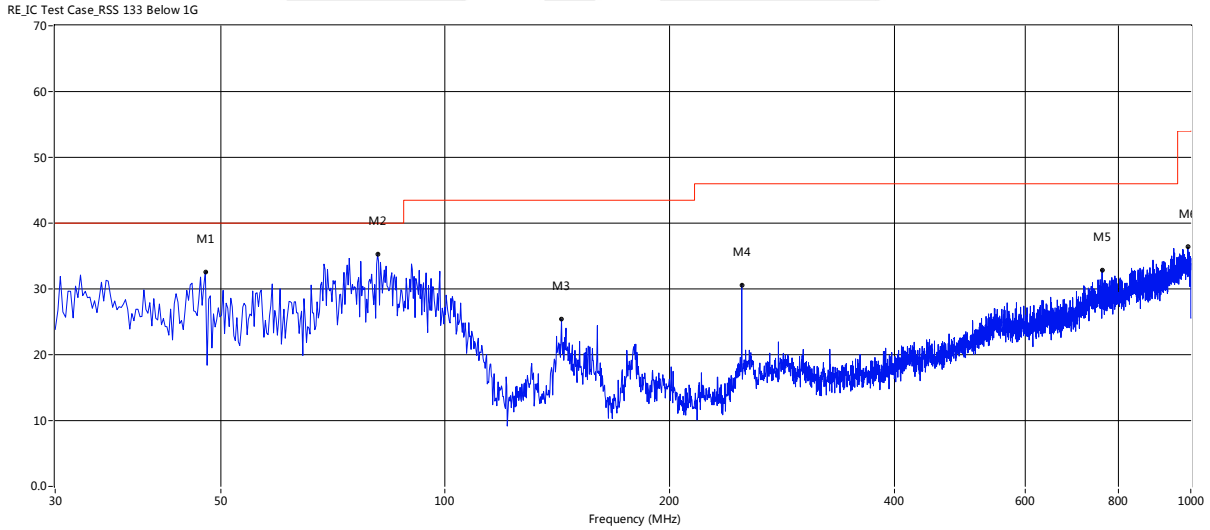
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
45.520	33.57	--	--	-19.88	--	40.0	--	-6.43	0.00	100	Vertical	Pass
81.168	36.07	--	--	-21.73	--	40.0	--	-3.93	4.00	100	Vertical	Pass
143.248	26.89	--	--	-16.77	--	43.5	--	-16.61	8.00	100	Vertical	Pass
249.947	31.63	--	--	-14.22	--	46.0	--	-14.37	0.00	100	Vertical	Pass
977.205	36.53	--	--	5.83	--	54.0	--	-17.47	0.00	100	Vertical	Pass

Title 21
Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
45.520	22.26	--	--	-19.88	--	40.0	--	-17.74	4.00	100	Horizontal	Pass
108.812	34.67	--	--	-17.92	--	43.5	--	-8.83	0.00	100	Horizontal	Pass
143.248	22.01	--	--	-16.77	--	43.5	--	-21.49	12.00	100	Horizontal	Pass
375.078	23.27	--	--	-10.11	--	46.0	--	-22.73	5.00	100	Horizontal	Pass
499.965	30.83	--	--	-5.63	--	46.0	--	-15.17	10.00	100	Horizontal	Pass
979.873	36.68	--	--	6.01	--	54.0	--	-17.32	15.00	100	Horizontal	Pass.

Vertical

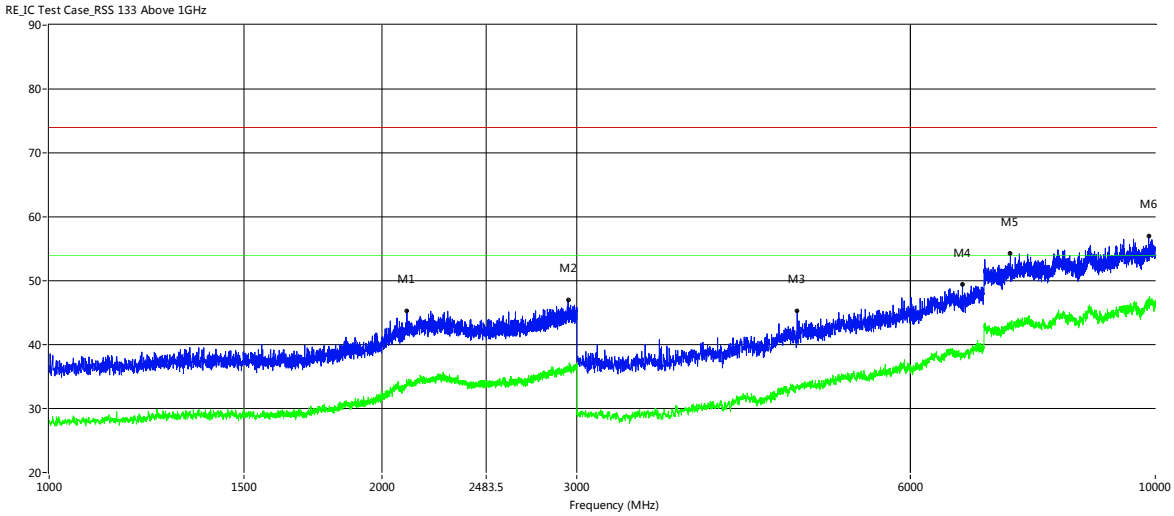


Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
47.703	32.62	--	--	-21.03	--	40.0	--	-7.38	0.00	100	Vertical	Pass
81.168	35.22	--	--	-21.73	--	40.0	--	-4.78	0.00	100	Vertical	Pass
143.248	25.39	--	--	-16.77	--	43.5	--	-18.11	12.00	100	Vertical	Pass
249.947	30.61	--	--	-14.22	--	46.0	--	-15.39	1.00	100	Vertical	Pass
760.167	32.89	--	--	0.76	--	46.0	--	-13.11	15.00	100	Vertical	Pass
990.785	36.36	--	--	5.43	--	54.0	--	-17.64	0.00	100	Vertical	Pass.

Test result of above 1GHz:

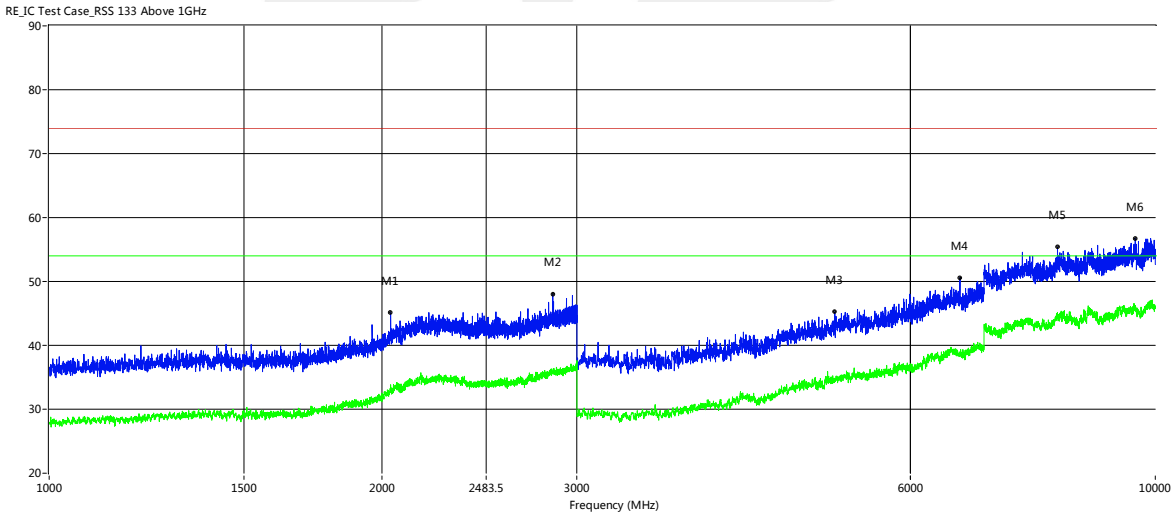
Dense reader mode ISO-18000-63

Horizontal



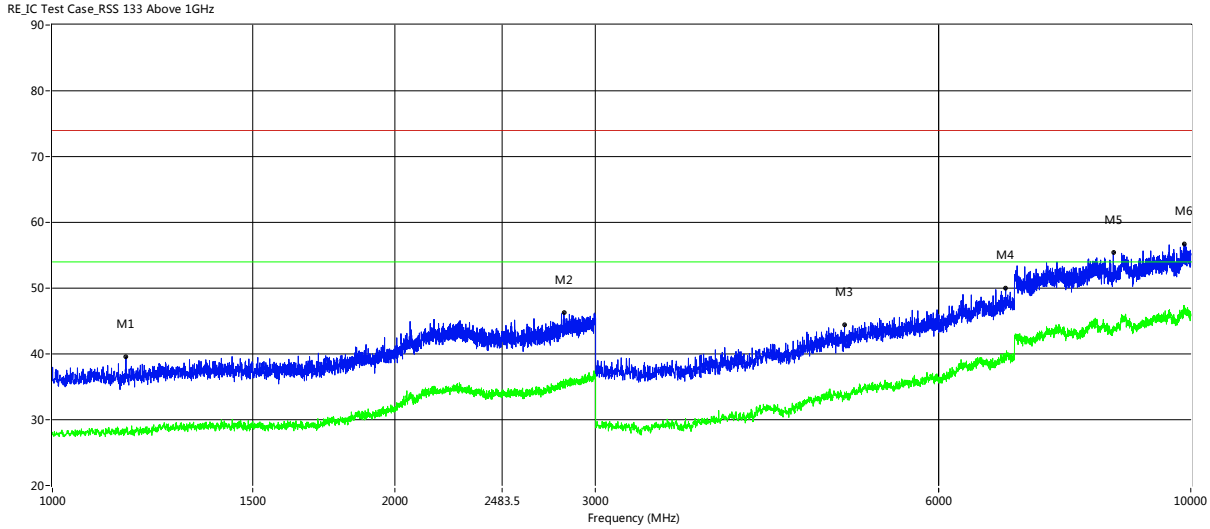
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
2105.500	45.34	--	34.27	3.88	74.0	--	54.0	-19.73	2.00	100	Horizontal	Pass
2945.000	46.94	--	36.53	5.87	74.0	--	54.0	-17.47	8.00	100	Horizontal	Pass
4744.750	45.34	--	33.81	-7.22	74.0	--	54.0	-20.19	1.00	100	Horizontal	Pass
6692.500	49.39	--	38.21	-0.34	74.0	--	54.0	-15.79	14.00	100	Horizontal	Pass
7394.250	54.28	--	42.65	2.01	74.0	--	54.0	-11.35	2.00	100	Horizontal	Pass
9861.750	56.96	--	46.54	5.12	74.0	--	54.0	-7.46	13.00	100	Horizontal	Pass.

Vertical



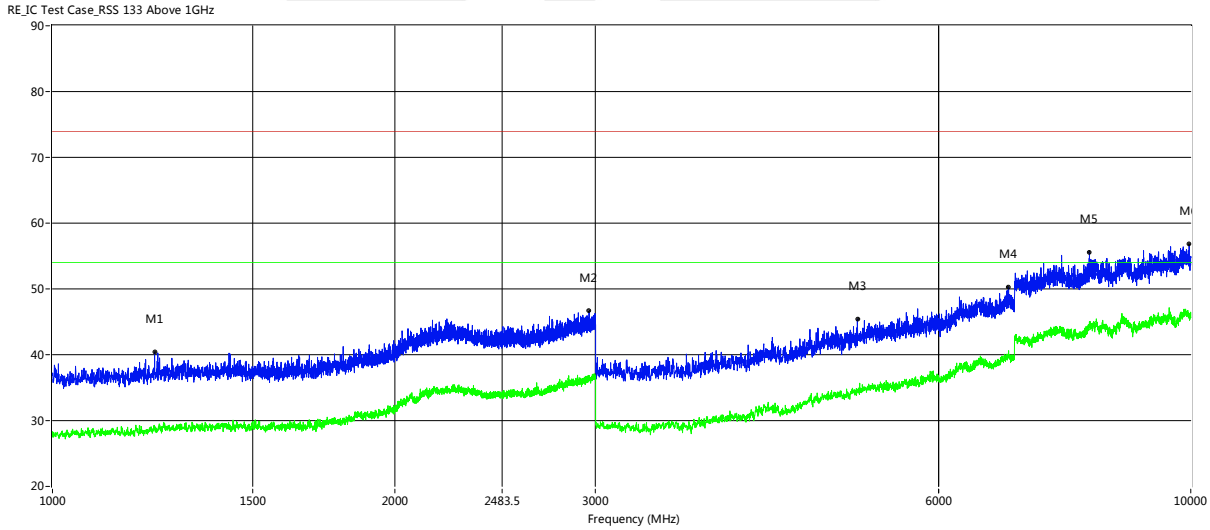
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
2035.500	45.12	--	33.84	2.44	74.0	--	54.0	-20.16	14.00	100	Vertical	Pass
2853.000	47.94	--	35.88	5.61	74.0	--	54.0	-18.12	4.00	100	Vertical	Pass
5131.500	45.27	--	34.84	-5.33	74.0	--	54.0	-19.16	14.00	100	Vertical	Pass
6657.500	50.63	--	38.24	-0.38	74.0	--	54.0	-15.76	0.00	100	Vertical	Pass
8157.250	55.40	--	45.17	3.22	74.0	--	54.0	-8.83	3.00	100	Vertical	Pass
9590.500	56.76	--	46.08	4.73	74.0	--	54.0	-7.92	15.00	100	Vertical	Pass.

Single reader mode ISO-18000-63
Horizontal



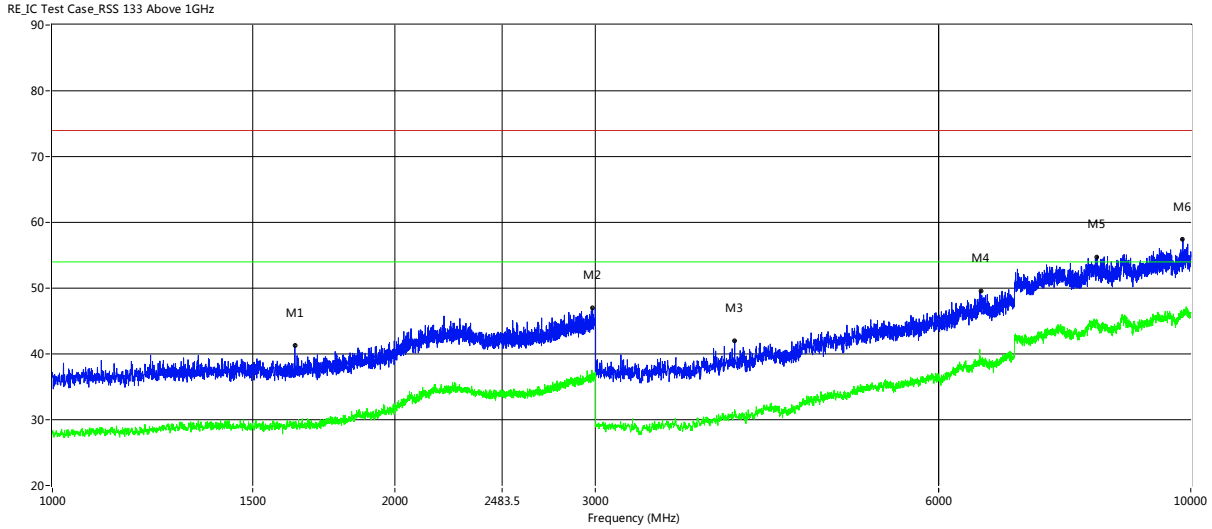
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1160.500	39.56	--	28.53	-1.35	74.0	--	54.0	-25.47	15.00	100	Horizontal	Pass
2814.000	46.27	--	35.88	5.37	74.0	--	54.0	-18.12	11.00	100	Horizontal	Pass
4963.500	44.42	--	34.19	-6.38	74.0	--	54.0	-19.81	13.00	100	Horizontal	Pass
6876.250	49.96	--	39.99	0.34	74.0	--	54.0	-14.01	2.00	100	Horizontal	Pass
8547.500	55.39	--	43.94	3.27	74.0	--	54.0	-10.06	15.00	100	Horizontal	Pass
9863.500	56.65	--	47.37	5.12	74.0	--	54.0	-6.63	3.00	100	Horizontal	Pass.

Vertical



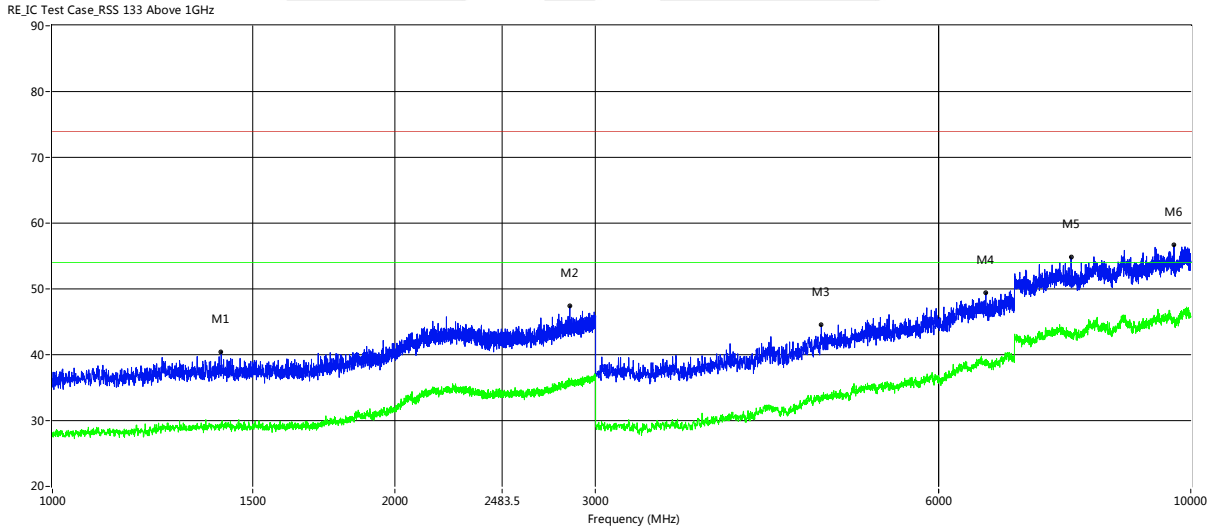
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1229.500	40.41	--	28.89	-1.03	74.0	--	54.0	-25.11	13.00	100	Vertical	Pass
2961.000	46.67	--	36.64	5.94	74.0	--	54.0	-17.36	15.00	100	Vertical	Pass
5094.750	45.44	--	34.53	-5.58	74.0	--	54.0	-19.47	10.00	100	Vertical	Pass
6916.500	50.30	--	40.63	0.47	74.0	--	54.0	-13.37	8.00	100	Vertical	Pass
8146.750	55.61	--	44.63	3.20	74.0	--	54.0	-9.37	2.00	100	Vertical	Pass
9965.000	56.80	--	46.28	4.49	74.0	--	54.0	-7.72	12.00	100	Vertical	Pass.

Low data rate ISO-18000-62 (40kbps)
Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1633.000	41.25	--	29.31	-0.49	74.0	--	54.0	-24.69	5.00	100	Horizontal	Pass
2982.500	46.95	--	36.65	6.03	74.0	--	54.0	-17.35	10.00	100	Horizontal	Pass
3974.750	42.03	--	30.67	-10.31	74.0	--	54.0	-23.33	0.00	100	Horizontal	Pass
6536.750	49.55	--	39.21	-0.42	74.0	--	54.0	-14.79	14.00	100	Horizontal	Pass
8271.000	54.65	--	45.12	3.25	74.0	--	54.0	-8.88	6.00	100	Horizontal	Pass
9839.000	57.48	--	46.17	5.10	74.0	--	54.0	-7.83	0.00	100	Horizontal	Pass.

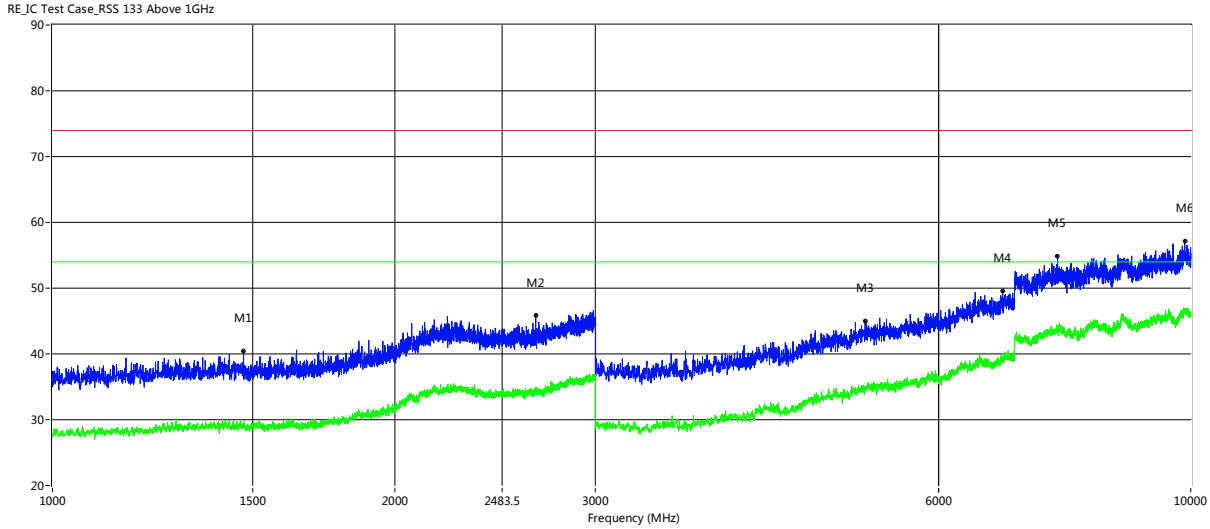
Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1407.000	40.49	--	29.65	-0.65	74.0	--	54.0	-24.35	3.00	100	Vertical	Pass
2847.500	47.43	--	35.24	5.59	74.0	--	54.0	-18.76	0.00	100	Vertical	Pass
4736.000	44.53	--	33.83	-7.26	74.0	--	54.0	-20.17	1.00	100	Vertical	Pass
6606.750	49.49	--	39.22	-0.44	74.0	--	54.0	-14.78	8.00	100	Vertical	Pass
7849.250	54.81	--	43.43	2.46	74.0	--	54.0	-10.57	2.00	100	Vertical	Pass
9665.750	56.69	--	45.76	4.12	74.0	--	54.0	-8.24	12.00	100	Vertical	Pass.

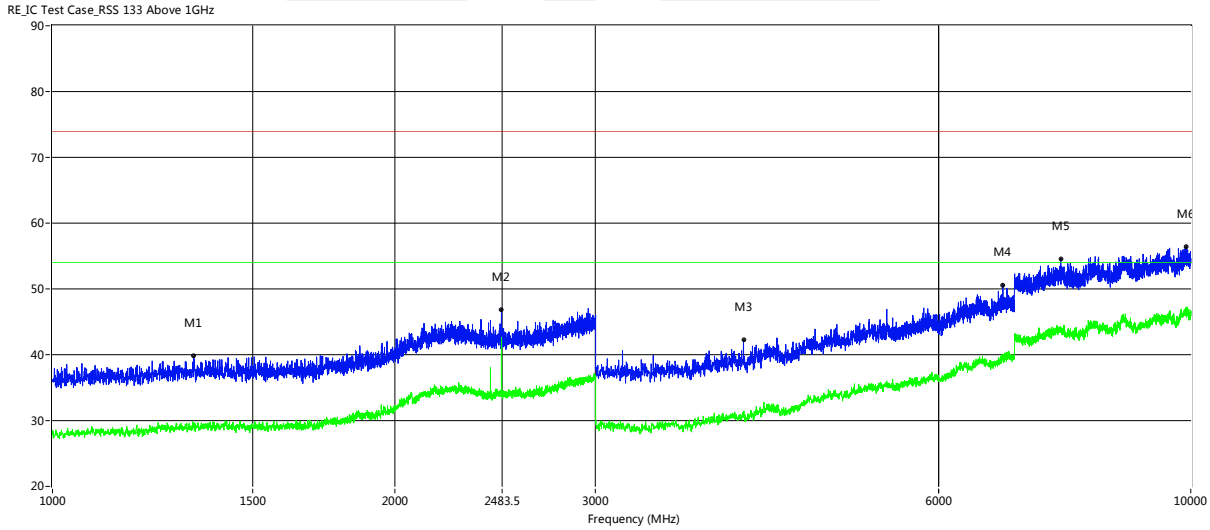
High data rate ISO-18000-62 (80kbps)

Horizontal



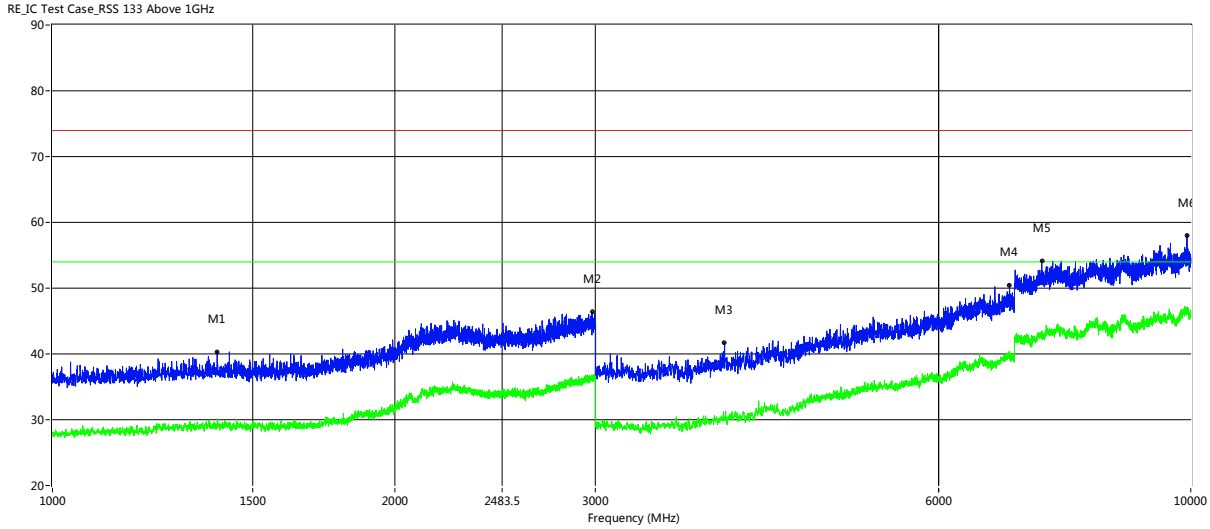
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1472.000	40.50	--	29.20	-0.57	74.0	--	54.0	-24.80	5.00	100	Horizontal	Pass
2658.000	45.80	--	34.99	4.51	74.0	--	54.0	-19.01	8.00	100	Horizontal	Pass
5175.250	44.96	--	34.83	-5.04	74.0	--	54.0	-19.17	14.00	100	Horizontal	Pass
6834.250	49.54	--	39.57	0.14	74.0	--	54.0	-14.43	2.00	100	Horizontal	Pass
7637.500	54.88	--	44.02	2.52	74.0	--	54.0	-9.98	8.00	100	Horizontal	Pass
9877.500	57.18	--	46.69	5.14	74.0	--	54.0	-7.31	6.00	100	Horizontal	Pass.

Vertical



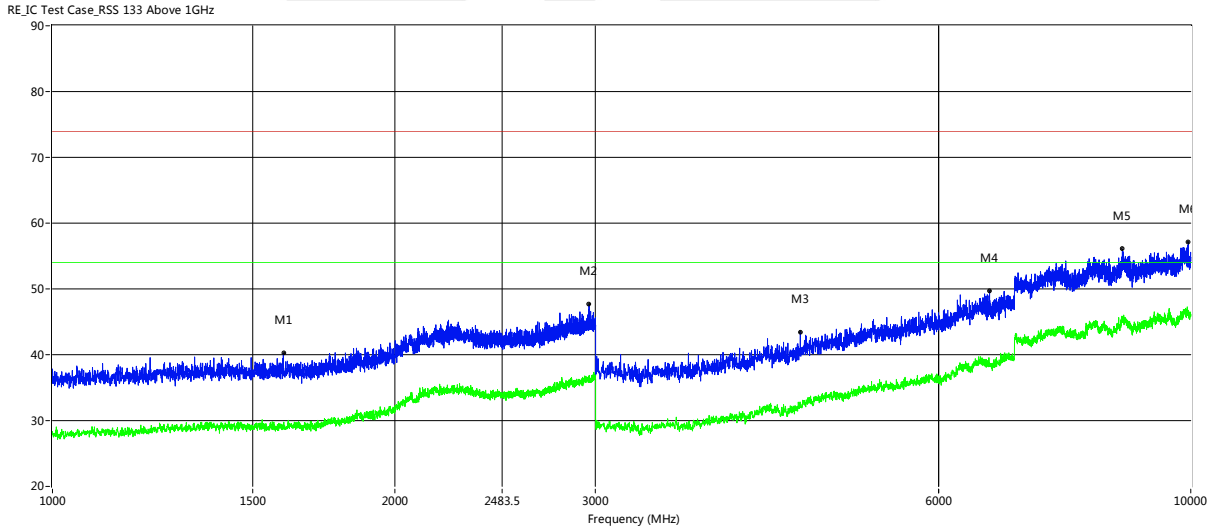
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1331.000	39.80	--	29.52	-0.85	74.0	--	54.0	-24.48	15.00	100	Vertical	Pass
2480.000	46.88	--	42.66	3.97	74.0	--	54.0	-11.34	13.00	100	Vertical	Pass
4046.500	42.25	--	31.14	-10.04	74.0	--	54.0	-22.86	7.00	100	Vertical	Pass
6837.750	50.54	--	39.21	0.15	74.0	--	54.0	-14.79	4.00	100	Vertical	Pass
7686.500	54.62	--	44.27	2.88	74.0	--	54.0	-9.73	2.00	100	Vertical	Pass
9907.250	56.48	--	46.27	5.09	74.0	--	54.0	-7.73	6.00	100	Vertical	Pass.

Unmodulated ISO-10374
Horizontal



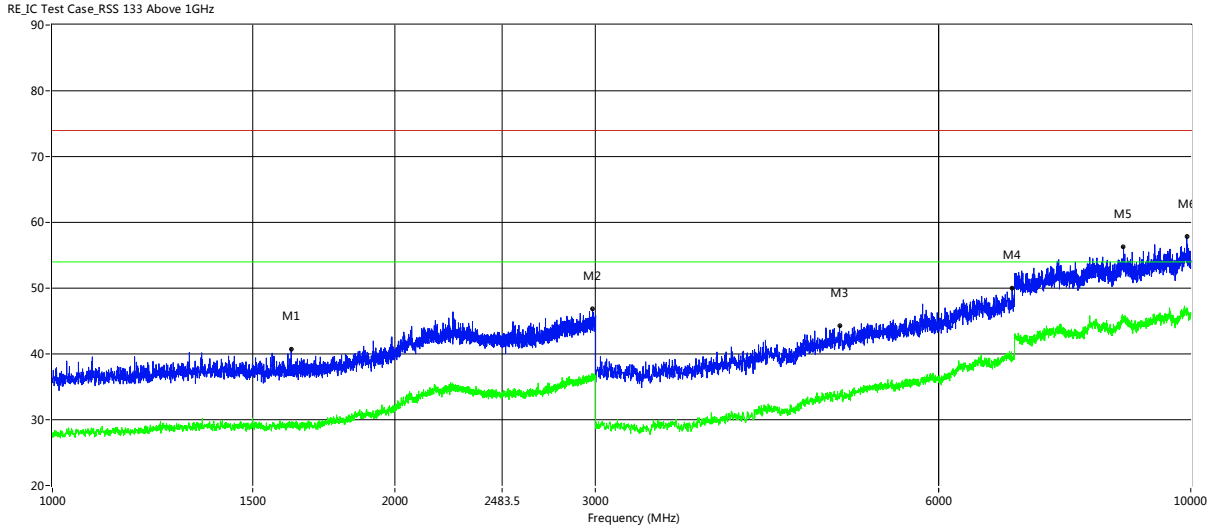
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1395.500	40.34	--	29.22	-0.67	74.0	--	54.0	-24.78	8.00	100	Horizontal	Pass
2979.000	46.38	--	36.07	6.02	74.0	--	54.0	-17.93	13.00	100	Horizontal	Pass
3894.250	41.76	--	29.91	-10.75	74.0	--	54.0	-24.09	0.00	100	Horizontal	Pass
6930.500	50.37	--	40.43	0.48	74.0	--	54.0	-13.57	14.00	100	Horizontal	Pass
7397.750	54.15	--	42.75	2.02	74.0	--	54.0	-11.25	15.00	100	Horizontal	Pass
9923.000	58.05	--	47.12	4.92	74.0	--	54.0	-6.88	3.00	100	Horizontal	Pass.

Vertical



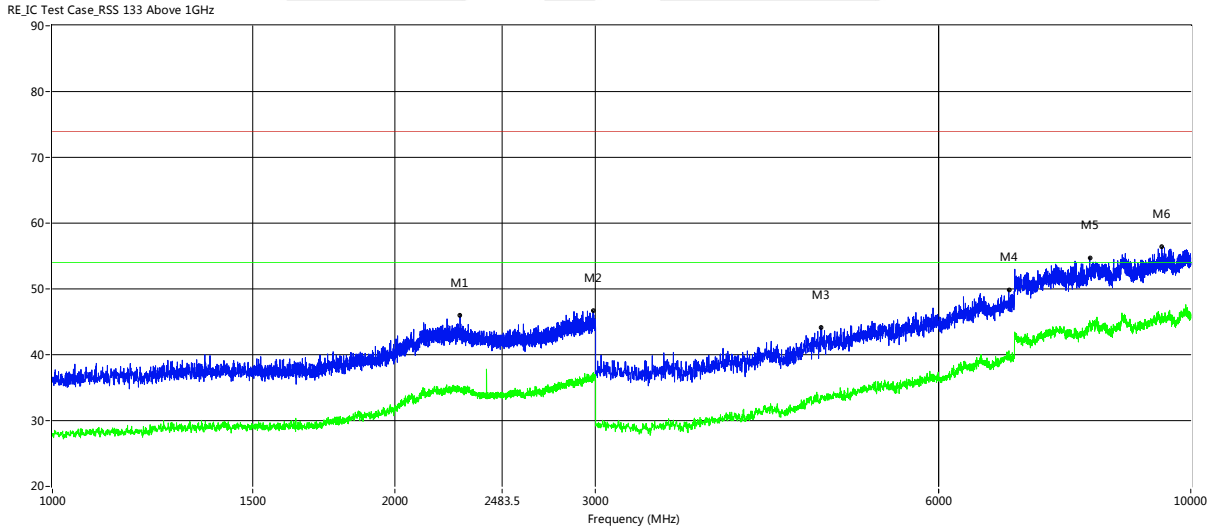
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1595.500	40.24	--	29.24	-0.50	74.0	--	54.0	-24.76	15.00	100	Vertical	Pass
2961.000	47.67	--	36.54	5.94	74.0	--	54.0	-17.46	2.00	100	Vertical	Pass
4540.000	43.45	--	32.62	-8.20	74.0	--	54.0	-21.38	7.00	100	Vertical	Pass
6655.750	49.74	--	38.50	-0.38	74.0	--	54.0	-15.50	11.00	100	Vertical	Pass
8706.750	56.07	--	44.96	4.34	74.0	--	54.0	-9.04	2.00	100	Vertical	Pass
9949.250	57.13	--	46.72	4.65	74.0	--	54.0	-7.28	13.00	100	Vertical	Pass.

TDM
Horizontal



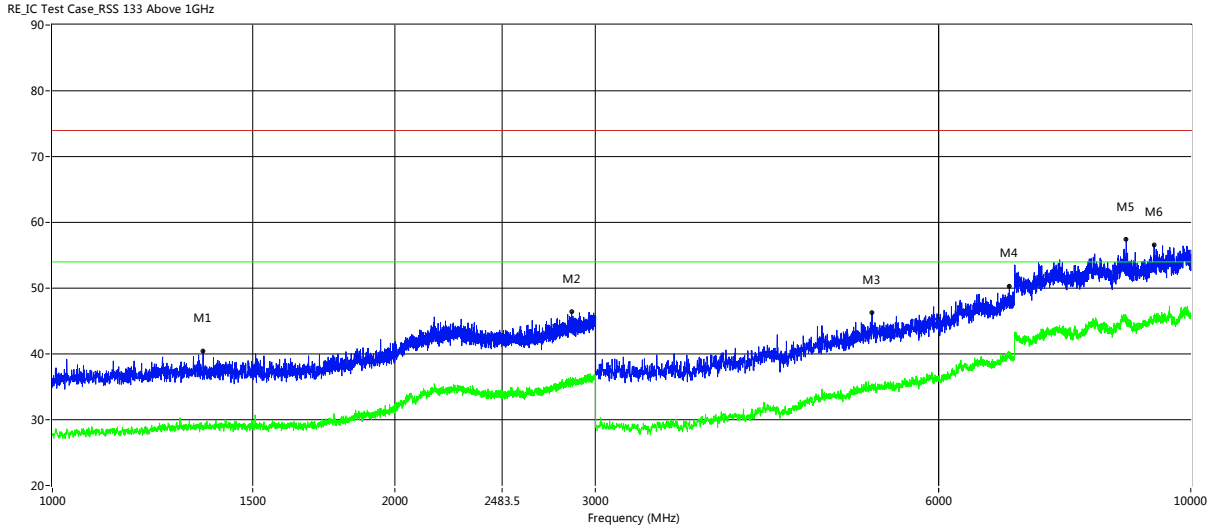
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1621.000	40.65	--	29.27	-0.49	74.0	--	54.0	-24.73	1.00	100	Horizontal	Pass
2982.500	46.79	--	36.28	6.03	74.0	--	54.0	-17.72	2.00	100	Horizontal	Pass
4914.500	44.33	--	33.94	-6.39	74.0	--	54.0	-20.06	5.00	100	Horizontal	Pass
6965.500	49.97	--	38.94	0.51	74.0	--	54.0	-15.06	2.00	100	Horizontal	Pass
8727.750	56.25	--	45.41	4.13	74.0	--	54.0	-8.59	9.00	100	Horizontal	Pass
9917.750	57.79	--	46.87	4.98	74.0	--	54.0	-7.13	0.00	100	Horizontal	Pass.

Vertical



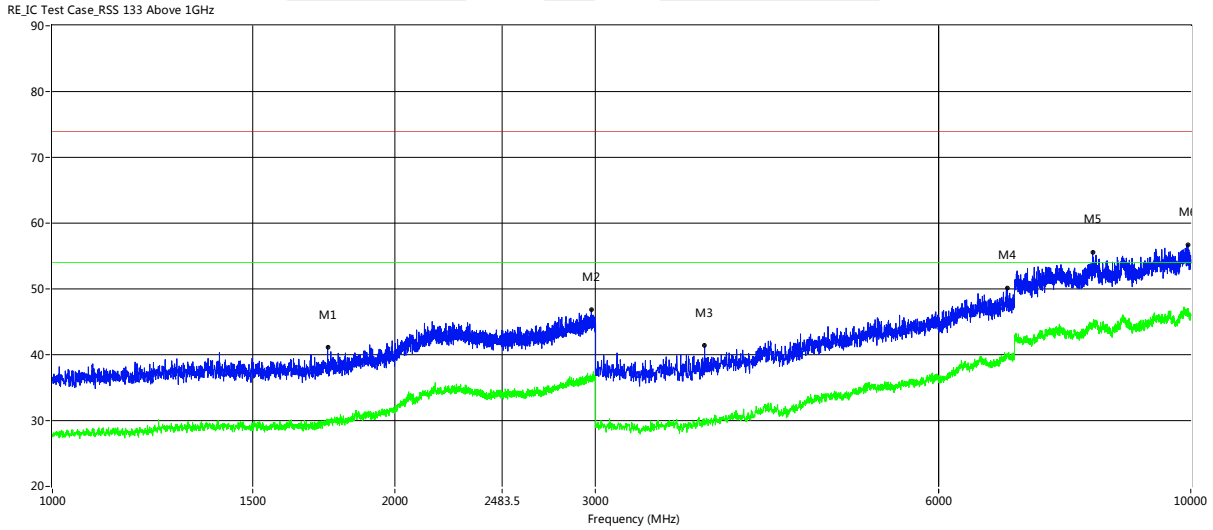
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
2281.000	45.94	--	34.79	4.60	74.0	--	54.0	-19.21	2.00	100	Vertical	Pass
2985.000	46.65	--	37.19	6.05	74.0	--	54.0	-16.81	12.00	100	Vertical	Pass
4730.750	44.16	--	33.56	-7.28	74.0	--	54.0	-20.44	13.00	100	Vertical	Pass
6920.000	49.79	--	39.95	0.47	74.0	--	54.0	-14.05	14.00	100	Vertical	Pass
8150.250	54.73	--	44.23	3.21	74.0	--	54.0	-9.77	9.00	100	Vertical	Pass
9431.250	56.39	--	46.31	4.09	74.0	--	54.0	-7.69	0.00	100	Vertical	Pass.

Title 21
Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1356.500	40.47	--	29.06	-0.78	74.0	--	54.0	-24.94	1.00	100	Horizontal	Pass
2858.500	46.37	--	36.17	5.61	74.0	--	54.0	-17.83	10.00	100	Horizontal	Pass
5247.000	46.33	--	35.10	-4.94	74.0	--	54.0	-18.90	11.00	100	Horizontal	Pass
6927.000	50.23	--	39.61	0.48	74.0	--	54.0	-14.39	2.00	100	Horizontal	Pass
8775.000	57.42	--	45.27	3.68	74.0	--	54.0	-8.73	12.00	100	Horizontal	Pass
9282.500	56.57	--	45.77	4.35	74.0	--	54.0	-8.23	15.00	100	Horizontal	Pass.

Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Ver.
1745.000	41.11	--	29.57	0.00	74.0	--	54.0	-24.43	14.00	100	Vertical	Pass
2974.500	46.91	--	35.92	6.00	74.0	--	54.0	-18.08	3.00	100	Vertical	Pass
3740.250	41.39	--	29.34	-11.21	74.0	--	54.0	-24.66	4.00	100	Vertical	Pass
6895.500	50.17	--	40.22	0.44	74.0	--	54.0	-13.78	5.00	100	Vertical	Pass
8199.250	55.53	--	44.66	3.33	74.0	--	54.0	-9.34	8.00	100	Vertical	Pass
9938.750	56.77	--	46.45	4.76	74.0	--	54.0	-7.55	6.00	100	Vertical	Pass.

9. PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※