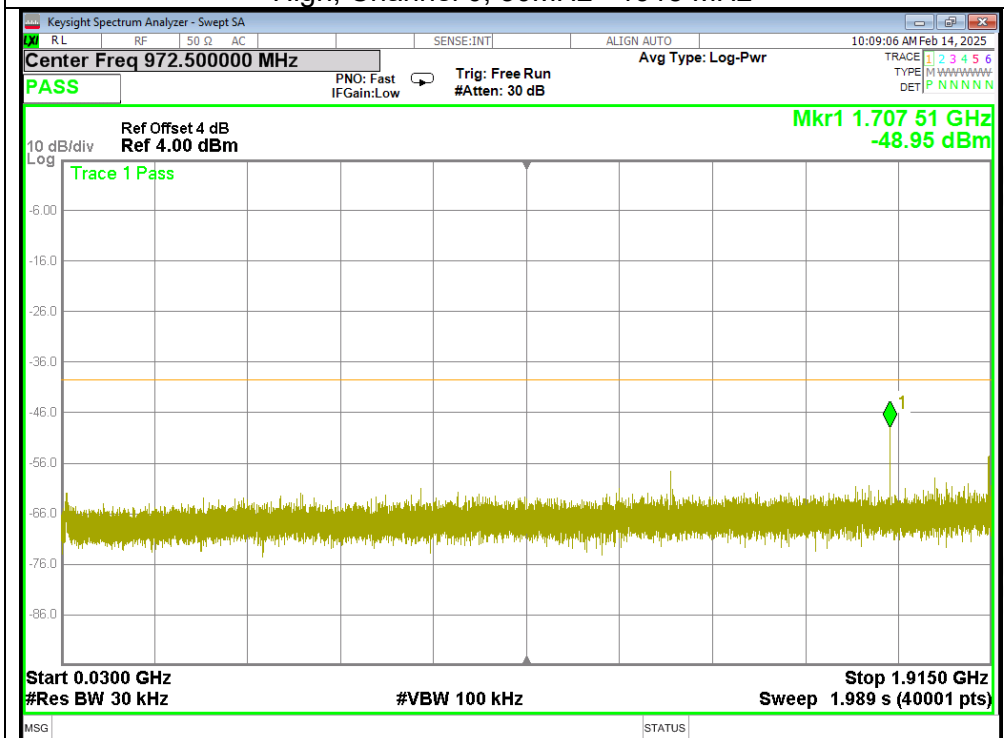
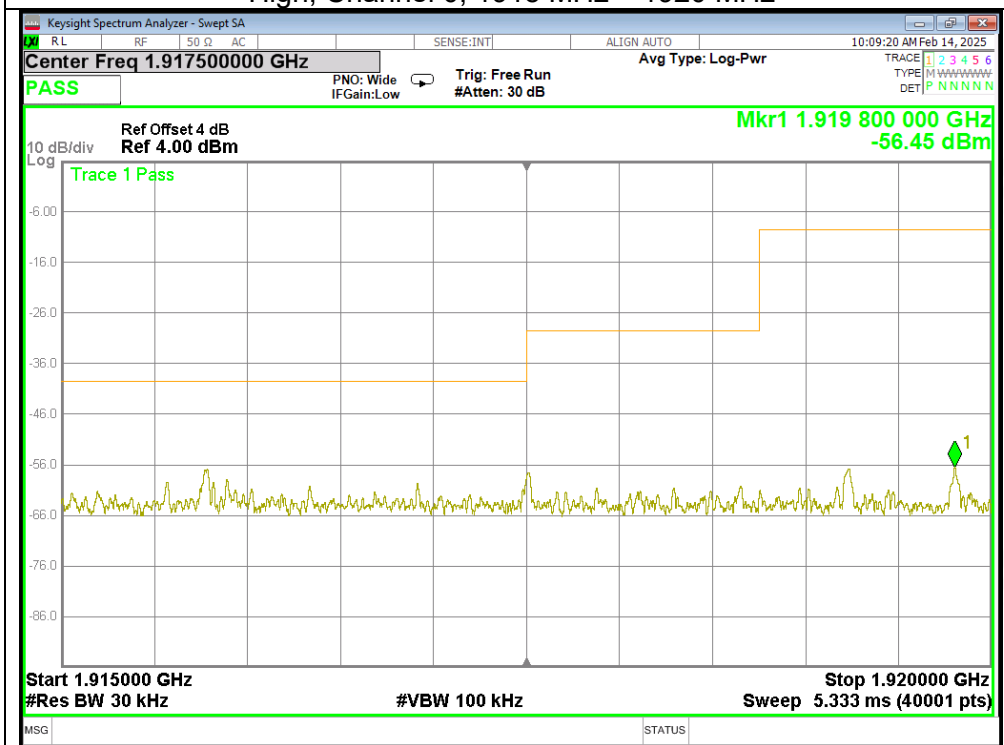




High, Channel 0, 30MHz - 1915 MHz

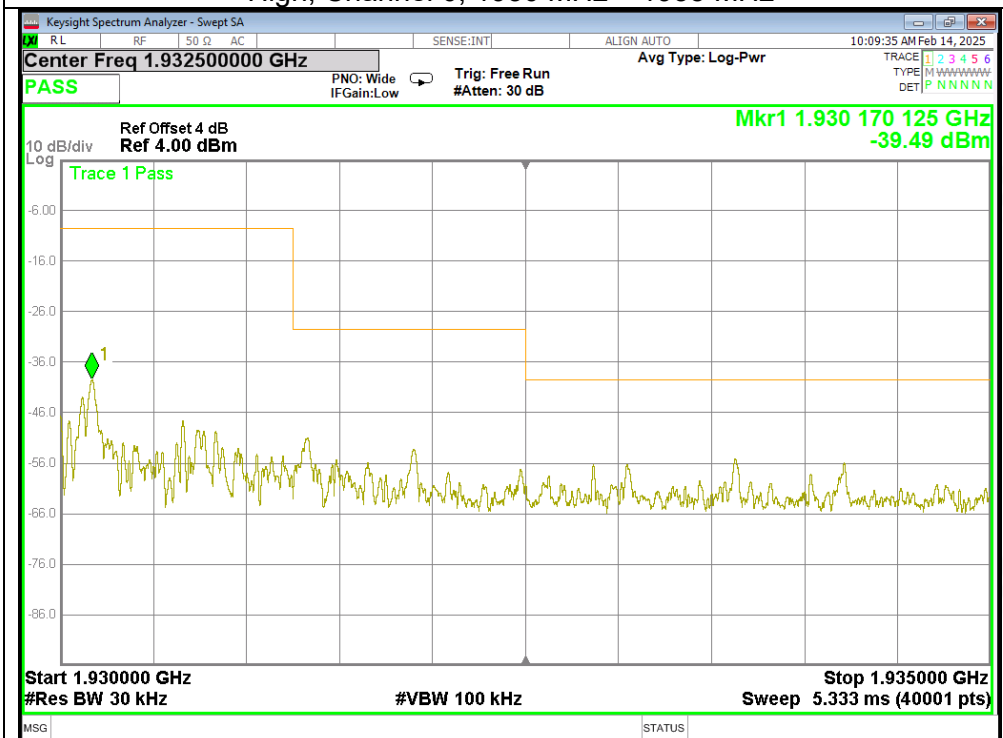


High, Channel 0, 1915 MHz – 1920 MHz

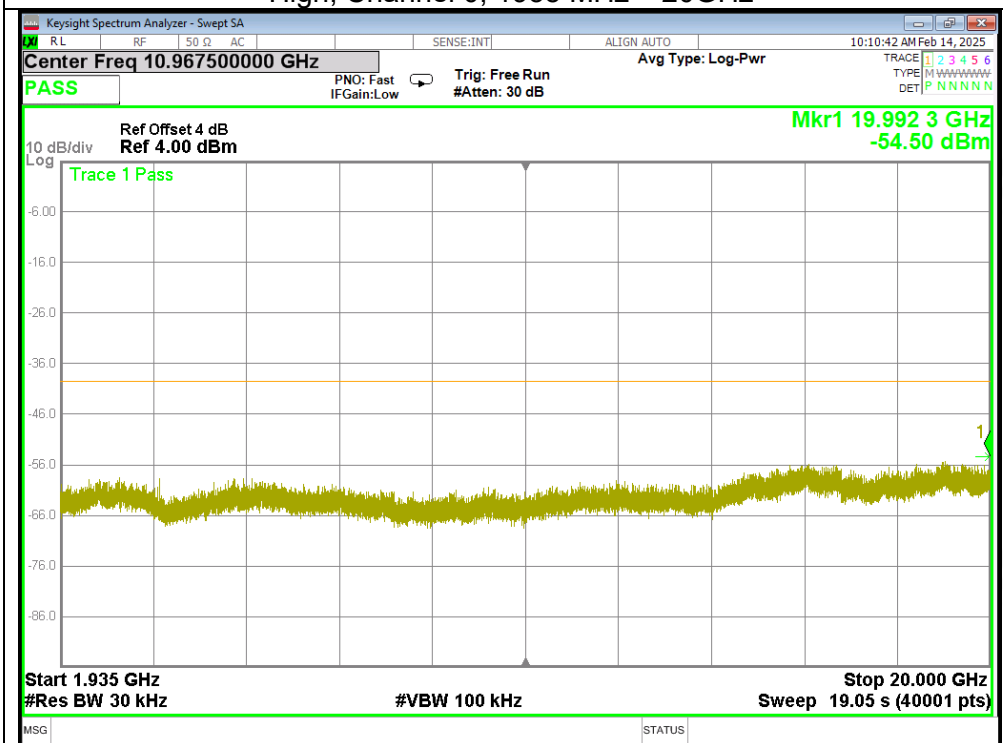




High, Channel 0, 1930 MHz – 1935 MHz

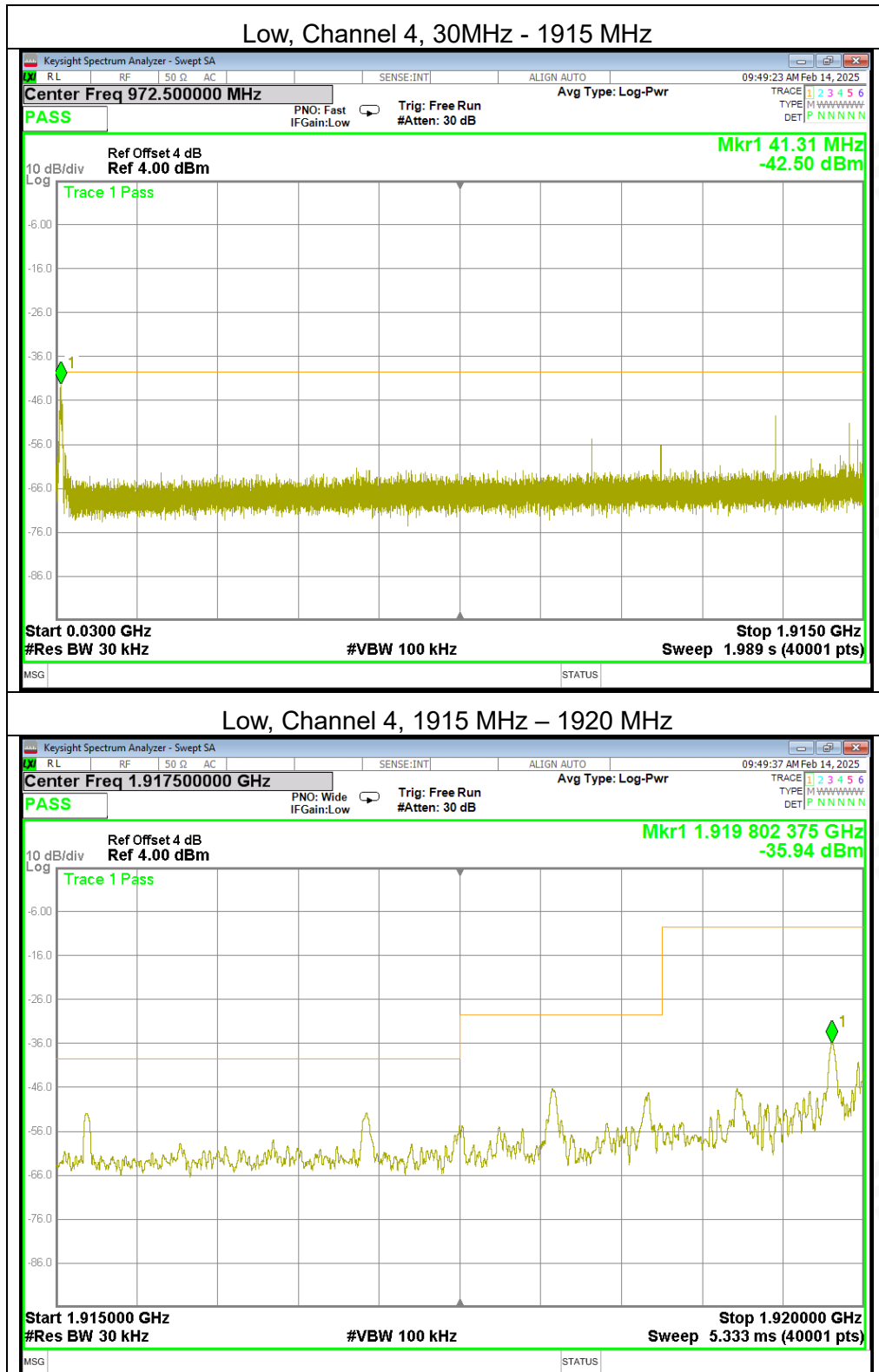


High, Channel 0, 1935 MHz – 20GHz



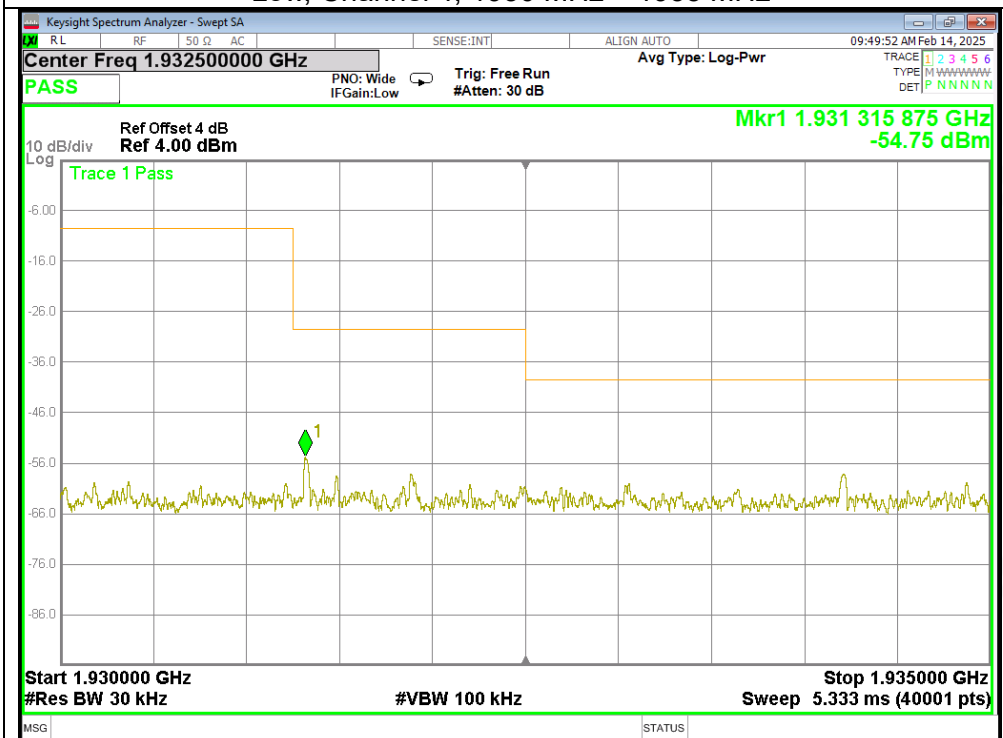


PP64Z

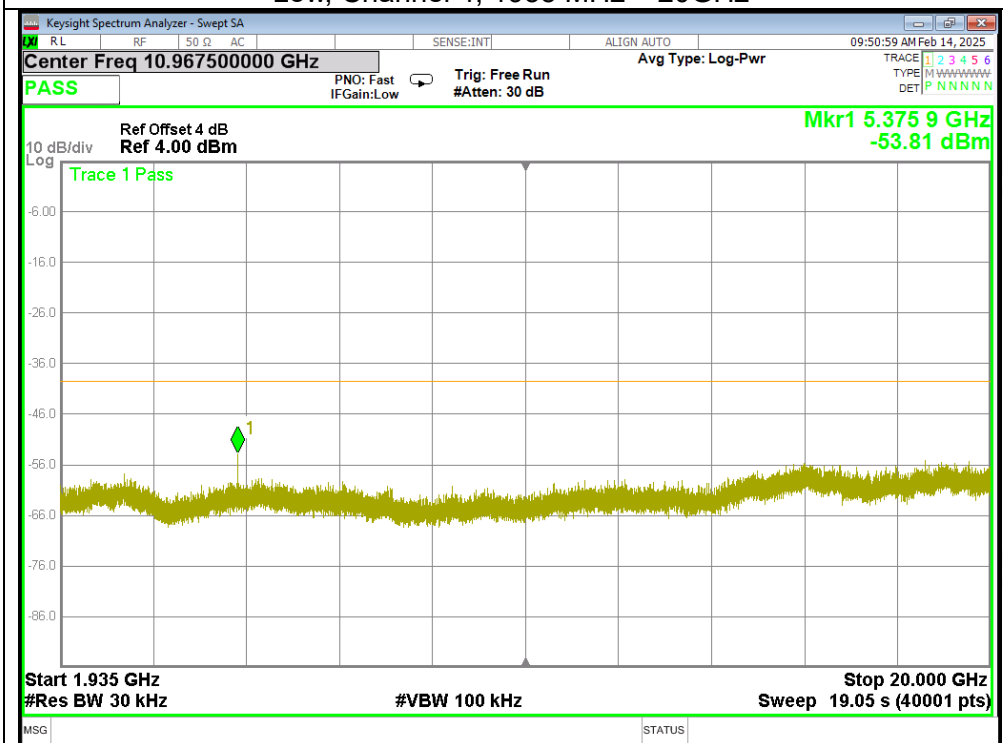


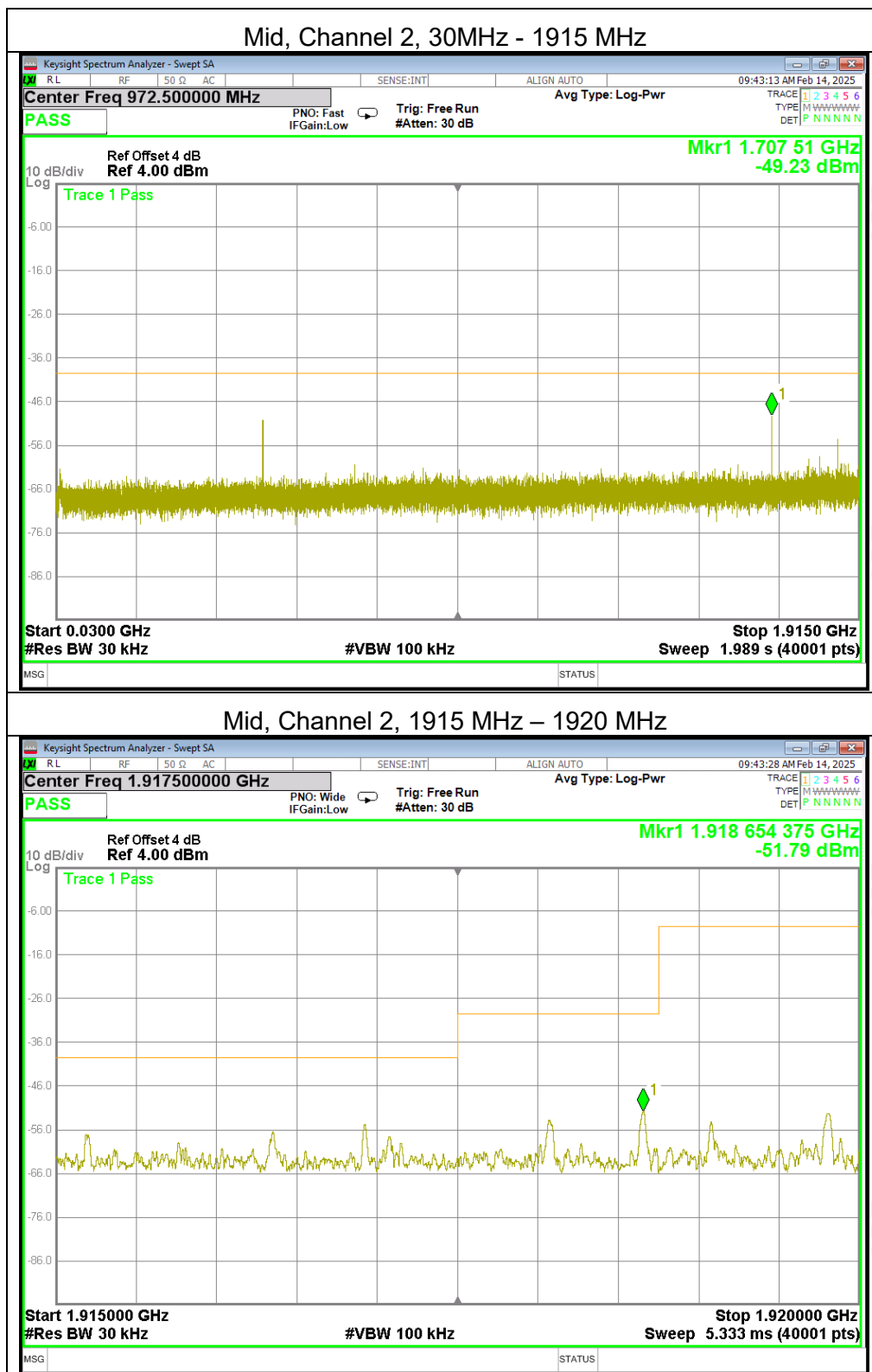


Low, Channel 4, 1930 MHz – 1935 MHz



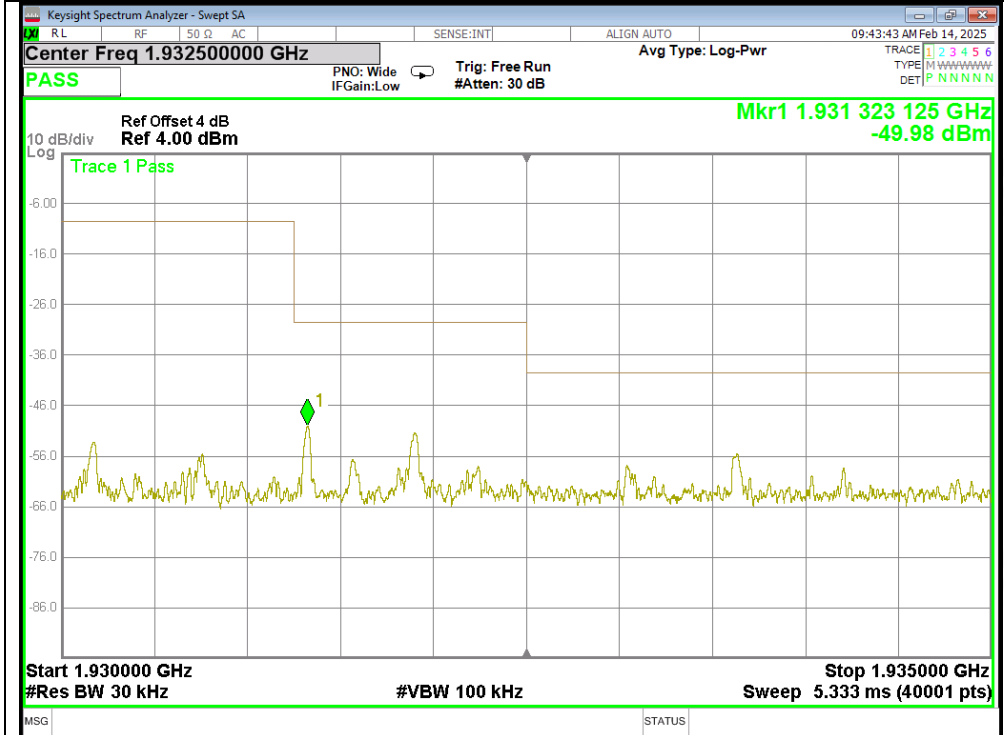
Low, Channel 4, 1935 MHz – 20GHz



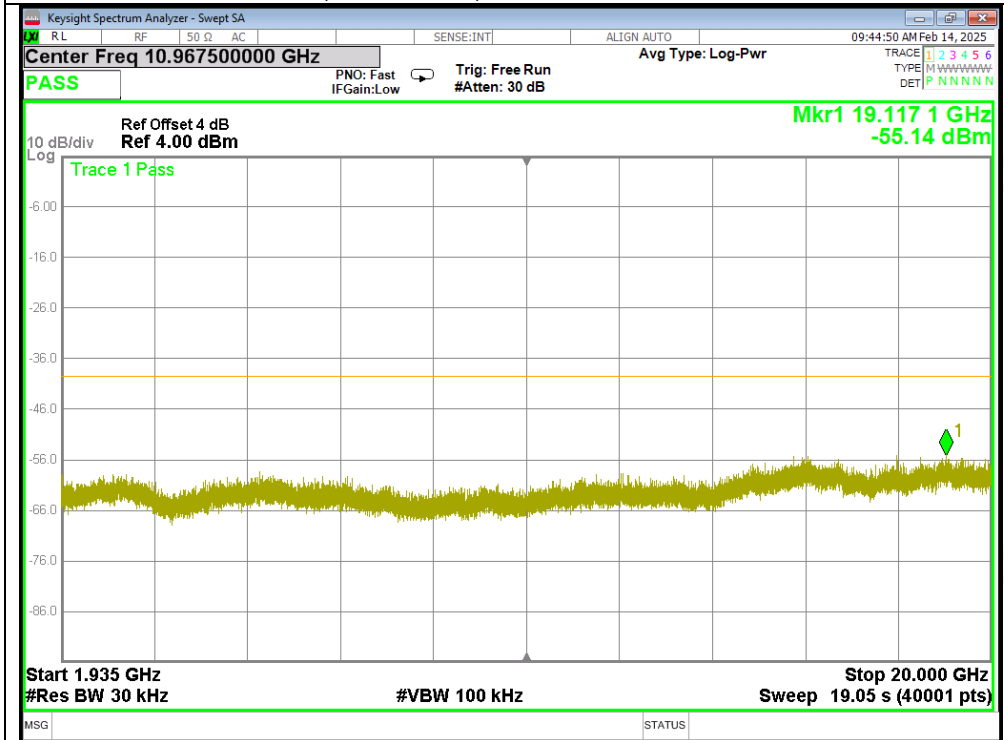


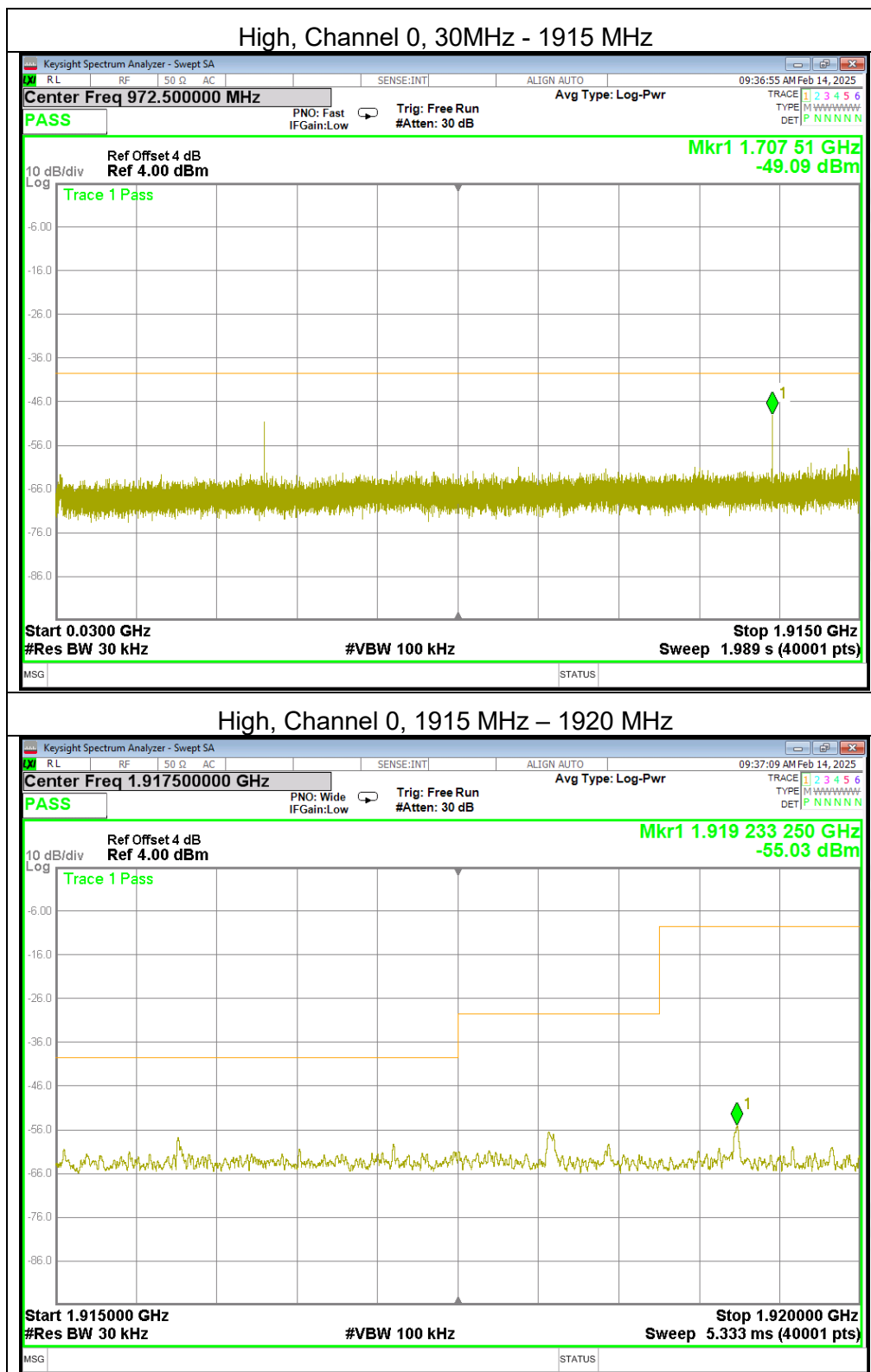


Mid, Channel 2, 1930 MHz – 1935 MHz



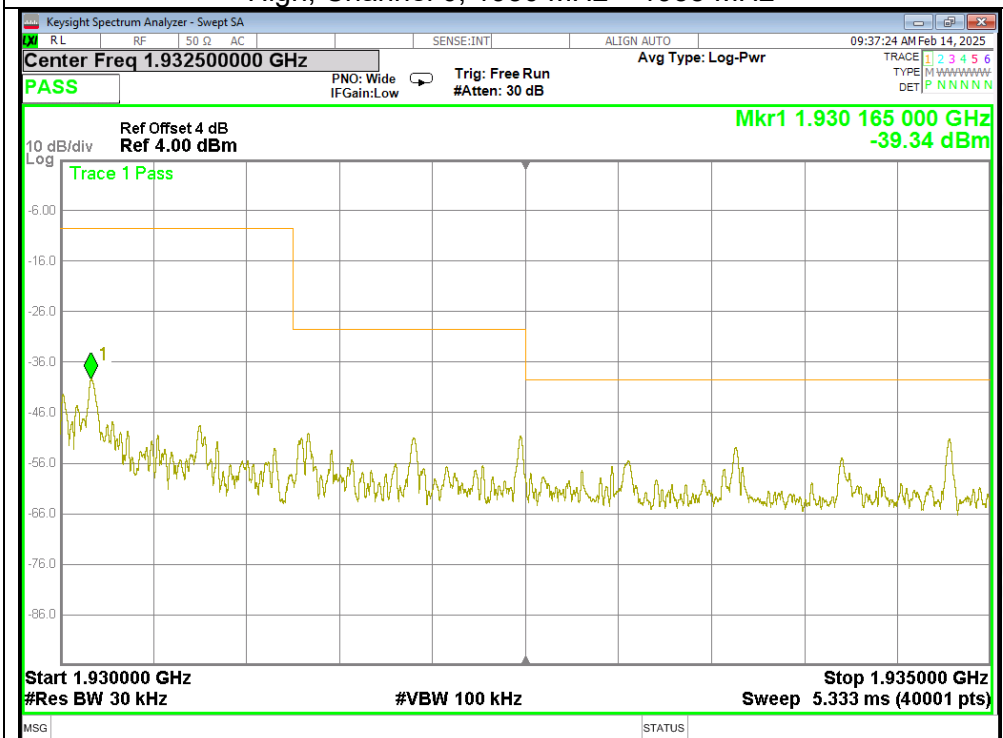
Mid, Channel 2, 1935 MHz – 20GHz



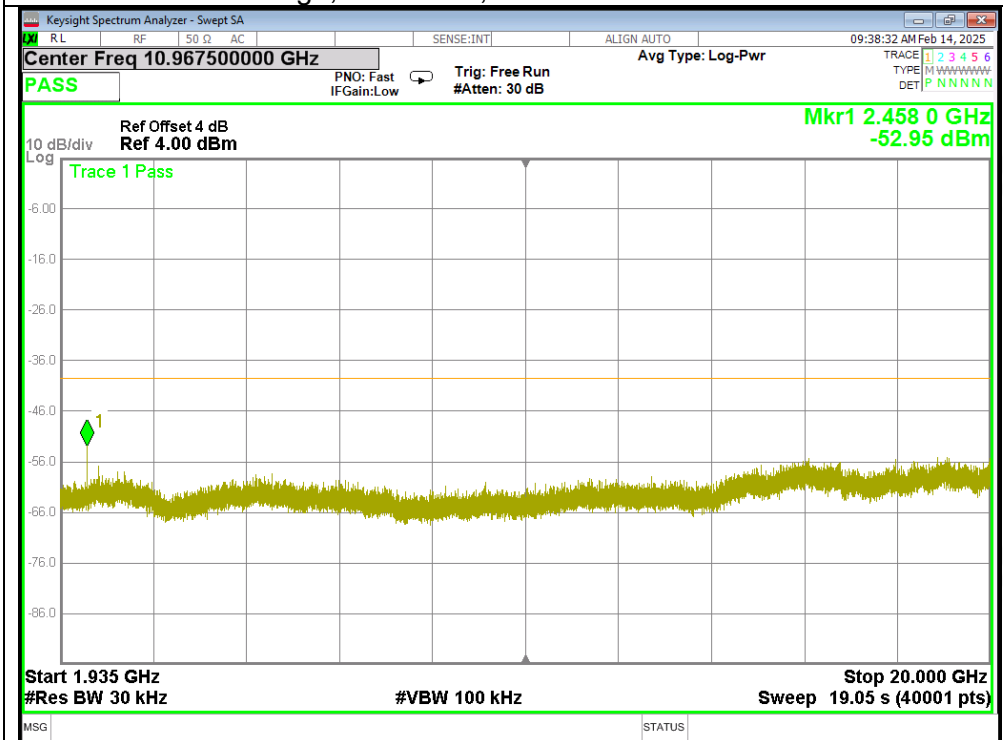




High, Channel 0, 1930 MHz – 1935 MHz



High, Channel 0, 1935 MHz – 20GHz





5.19 FRAME PERIOD

TEST CRITERIA

§15.323 (e) The frame period (a set of consecutive time slots in which the position of each time slot can be identified by reference to a synchronizing source) of an intentional radiator operating in these sub-bands shall be 20 milliseconds or 10 milliseconds/X where X is a positive whole number. Each device that implements time division for the purposes of maintaining a duplex connection on a given frequency carrier shall maintain a frame repetition rate with a frequency stability of at least 50 parts per million (ppm). Each device which further divides access in time in order to support multiple communication links on a given frequency carrier shall maintain a frame repetition rate with a frequency stability of at least 10 ppm.

Timing Jitter

§ 15.323 (e) Specific requirements for isochronous devices operating in the 1920–1930 MHz sub-band. The jitter (time-related, abrupt, spurious variations in the duration of the frame interval) introduced at the two ends of such a communication link shall not exceed 25 microseconds for any two consecutive transmissions. Transmissions shall be continuous in every time and spectrum window during the frame period defined for the device.

TEST LIMIT

Frame Period	20 or 10ms
Max Jitter	25μs
3 times St.Dev of Jitter	12.5μs

TEST SETUP

The test setup is shown in section 3.2 figure 2.

TEST PROCEDURE

The manufacturer supplies an attestation

TEST RESULTS

The Frame Repetition Stability is measured with the RF Test Platform for DECT. The Frame Repetition Stability is 3 times the standard deviation.

Antenna 1

PP32Z

Channel	Standard Deviation(ppm)	Frame Repetition	The limit of Frame Repetition Stability(ppm)	Verdict
Middle	0.8494	2.5482	±10	Pass

Channel	Frame Period(ms)	Max Jitter(μs)	3xStandard Deviation of Jitter(μs)	Limit(μs)		Verdict
				Max Jitter	3 times St.Dev.of Jitter	
Middle	10.0000	-0.5000	2.5482	25	12.5	Pass



PP64Z

Channel	Standard Deviation(ppm)	Frame Repetition	The limit of Frame Repetition Stability(ppm)	Verdict
Middle	0.4621	1.3863	±10	Pass

Channel	Frame Period(ms)	Max Jitter(μs)	3xStandard Deviation of Jitter(μs)	Limit(μs)		Verdict
				Max Jitter	3 times St.Dev.of Jitter	
Middle	10.0000	-0.5000	1.3863	25	12.5	Pass

Antenna 2

PP32Z

Channel	Standard Deviation(ppm)	Frame Repetition	The limit of Frame Repetition Stability(ppm)	Verdict
Middle	0.6340	1.9020	±10	Pass

Channel	Frame Period(ms)	Max Jitter(μs)	3xStandard Deviation of Jitter(μs)	Limit(μs)		Verdict
				Max Jitter	3 times St.Dev.of Jitter	
Middle	10.0000	-0.5000	1.9020	25	12.5	Pass

PP64Z

Channel	Standard Deviation(ppm)	Frame Repetition	The limit of Frame Repetition Stability(ppm)	Verdict
Middle	0.6211	1.8633	±10	Pass

Channel	Frame Period(ms)	Max Jitter(μs)	3xStandard Deviation of Jitter(μs)	Limit(μs)		Verdict
				Max Jitter	3 times St.Dev.of Jitter	
Middle	10.0000	-0.5000	1.8633	25	12.5	Pass

Max Jitter= $(1/(\text{Frame Period} + \text{Pk-Pk})/2) - (1/\text{Frame Period})$. When Pk-Pk and Frame period are in Hz.

3x St.Dev. Jitter $3 \times (1/(\text{Frame Period} + \text{St. Dev})) - (1/\text{St.Dev})) \times 10^6$



5.20 FREQUENCY STABILITY

TEST CRITERIA

§15.323 (f) The frequency stability of the carrier frequency of the intentional radiator shall be maintained within ± 10 ppm over 1 hour or the interval between channel access monitoring, whichever is shorter. The frequency stability shall be maintained over a temperature variation of -20° to $+50^{\circ}$ C at normal supply voltage and over a variation in the primary supply voltage of 85% to 115% of the rated supply voltage at a temperature of 200 C. For equipment that is capable only of operating from a battery, the frequency stability tests shall be performed using a new battery without any further requirement to vary supply voltage.

TEST PROCEDURE

The EUT was placed in the Environmental Chamber and support equipment are outside the chamber on a table. A CW signal was injected into the EUT at the appropriate RF level. The frequency counter option on the Spectrum Analyzer was used to measure frequency deviations.

The frequency drift was investigated for every 10° C increment until the unit is stabilized then recorded the reading in tabular format with the temperature range of -20° to $+50^{\circ}$ C.

Voltage supplied to EUT is DC 3.8V reference temperature was done at 20° C. The voltage was varied by $\pm 15\%$ of nominal

TEST SETUP

The test setup is shown in section 3.2 figure 1.

TEST RESULTS

The EUT was compliant with this requirement

Antenna 1
PP32Z

Low Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1921.536	12	50	1921.52940	3.43	±10
		40	1921.52662	4.88	
		30	1921.52386	6.32	
		20	1921.53754	-0.80	
		10	1921.53761	-0.84	
		0	1921.53489	0.58	
		-10	1921.54574	-5.07	
		-20	1921.54642	-5.42	
	10.2	20	1921.54752	-6.00	
	13.8	20	1921.54836	-6.43	

Mid Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1924.992	12	50	1924.99667	-2.43	±10
		40	1924.99926	-3.77	
		30	1924.99759	-2.90	
		20	1925.00179	-5.09	
		10	1925.00143	-4.90	
		0	1924.99631	-2.24	
		-10	1924.98737	2.41	
		-20	1924.98643	2.89	
	10.2	20	1924.98990	1.09	
	13.8	20	1924.98623	3.00	

High Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1928.448	12	50	1928.44411	2.02	±10
		40	1928.44524	1.43	
		30	1928.44217	3.02	
		20	1928.44361	2.28	
		10	1928.44776	0.12	
		0	1928.45087	-1.49	
		-10	1928.45030	-1.19	
		-20	1928.44842	-0.22	
	10.2	20	1928.45378	-3.00	
	13.8	20	1928.45065	-1.37	



PP64Z

Low Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1921.536	12	50	1921.52729	4.53	±10
		40	1921.52446	6.01	
		30	1921.52648	4.95	
		20	1921.53749	-0.78	
		10	1921.53698	-0.51	
		0	1921.53635	-0.18	
		-10	1921.54577	-5.08	
		-20	1921.54940	-6.97	
	10.2	20	1921.54595	-5.18	
	13.8	20	1921.54560	-5.00	

Mid Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1924.992	12	50	1924.99991	-4.11	±10
		40	1924.99647	-2.32	
		30	1924.99625	-2.21	
		20	1925.00049	-4.41	
		10	1924.99713	-2.66	
		0	1925.00004	-4.18	
		-10	1924.98571	3.27	
		-20	1924.98516	3.55	
	10.2	20	1924.98344	4.45	
	13.8	20	1924.98883	1.65	

High Channel					
Reference Fre- quency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1928.448	12	50	1928.44363	2.27	±10
		40	1928.44203	3.10	
		30	1928.44350	2.33	
		20	1928.44009	4.10	
		10	1928.45267	-2.42	
		0	1928.45091	-1.51	
		-10	1928.44914	-0.59	
		-20	1928.44982	-0.94	
	10.2	20	1928.45417	-3.20	
	13.8	20	1928.45007	-1.07	



Antenna 2

PP32Z

Low Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1921.536	12	50	1921.52611	5.15	±10
		40	1921.52563	5.40	
		30	1921.52903	3.63	
		20	1921.53879	-1.45	
		10	1921.53651	-0.27	
		0	1921.53860	-1.35	
		-10	1921.54596	-5.18	
		-20	1921.54907	-6.80	
	10.2	20	1921.54701	-5.73	
	13.8	20	1921.54830	-6.40	

Mid Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1924.992	12	50	1924.99600	-2.08	±10
		40	1924.99324	-0.64	
		30	1924.99408	-1.08	
		20	1925.00154	-4.96	
		10	1925.00012	-4.22	
		0	1925.00102	-4.69	
		-10	1924.98588	3.18	
		-20	1924.98610	3.06	
	10.2	20	1924.98425	4.03	
	13.8	20	1924.98811	2.02	

High Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1928.448	12	50	1928.44049	3.89	±10
		40	1928.44219	3.01	
		30	1928.44451	1.81	
		20	1928.44239	2.91	
		10	1928.44615	0.96	
		0	1928.44823	-0.12	
		-10	1928.44932	-0.68	
		-20	1928.45144	-1.78	
	10.2	20	1928.45334	-2.77	
	13.8	20	1928.44947	-0.76	



PP64Z

Low Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1921.536	12	50	1921.52542	5.51	±10
		40	1921.52808	4.12	
		30	1921.52545	5.49	
		20	1921.53741	-0.73	
		10	1921.53621	-0.11	
		0	1921.53409	0.99	
		-10	1921.54802	-6.26	
		-20	1921.54519	-4.78	
	10.2	20	1921.54612	-5.27	
	13.8	20	1921.54689	-5.67	

Mid Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1924.992	12	50	1924.99745	-2.83	±10
		40	1924.99627	-2.22	
		30	1924.99889	-3.58	
		20	1924.99738	-2.79	
		10	1925.00106	-4.71	
		0	1924.99977	-4.04	
		-10	1924.98568	3.28	
		-20	1924.98417	4.07	
	10.2	20	1924.98767	2.25	
	13.8	20	1924.98599	3.12	

High Channel

Reference Frequency (MHz)	Voltage (V)	Temperature (°C)	Frequency (MHz)	Deviation (ppm)	Limit (ppm)
1928.448	12	50	1928.44057	3.85	±10
		40	1928.44105	3.60	
		30	1928.44266	2.77	
		20	1928.44371	2.22	
		10	1928.44886	-0.45	
		0	1928.44950	-0.78	
		-10	1928.44909	-0.57	
		-20	1928.45270	-2.44	
	10.2	20	1928.45024	-1.16	
	13.8	20	1928.45095	-1.53	



5.21 CONDUCTED EMISSION MEASUREMENT

POWER LINE CONDUCTED EMISSION LIMITS

Operating frequency band. In case the emission fall within the restricted band specified on Part 207(a) limit in the table below has to be followed.

FREQUENCY (MHz)	Conducted Emission limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

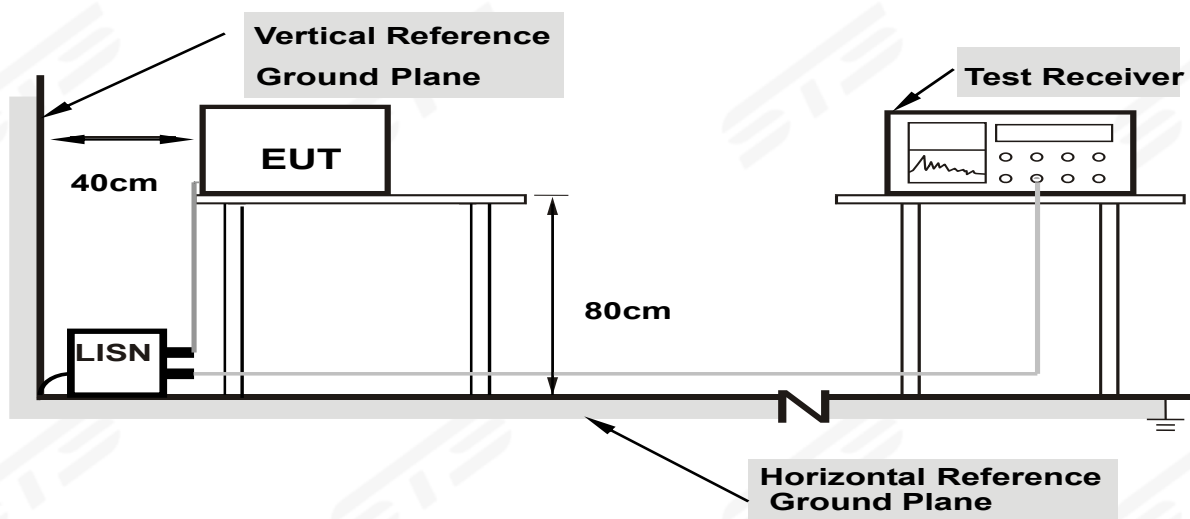
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

TEST PROCEDURE

- The EUT was 0.8 meters from the horizontal ground plane and 0.4 meters from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



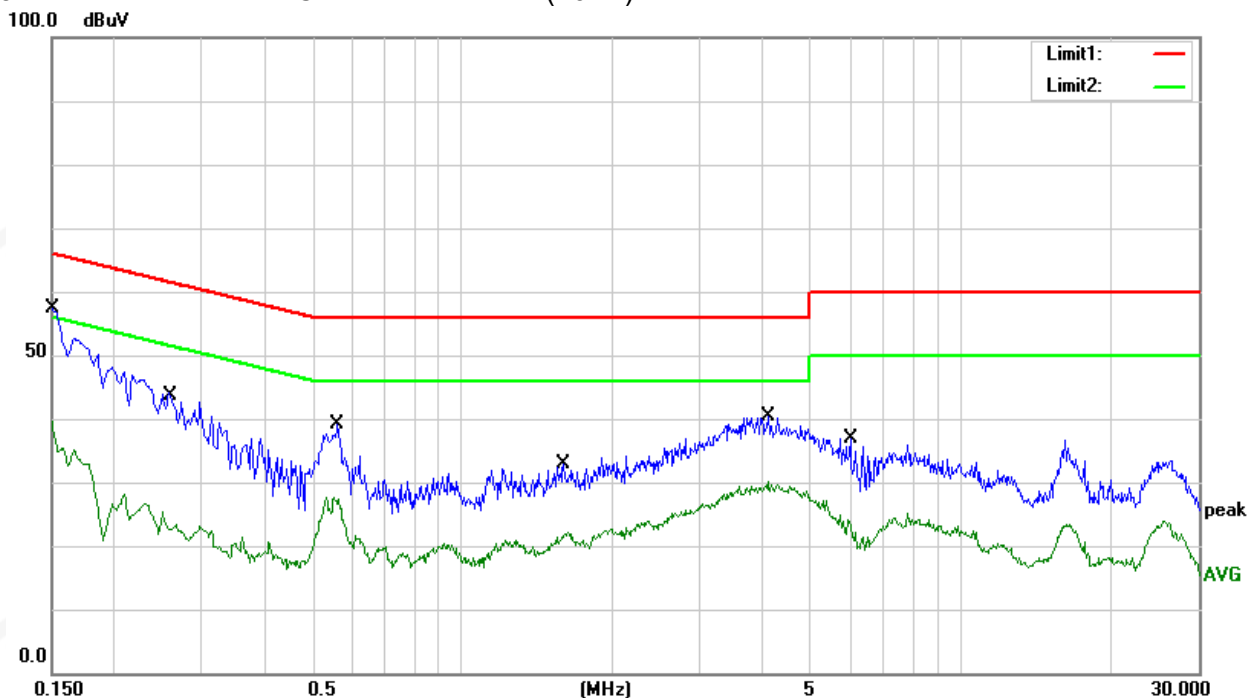
TEST RESULTS

Temperature:	25.1°C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	TX		

No.	Frequency (MHz)	Reading (dBuV)	Correct Fac- tor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	37.57	19.78	57.35	66.00	-8.65	QP
2	0.1500	19.89	19.78	39.67	56.00	-16.33	AVG
3	0.2620	22.71	20.05	42.76	61.37	-18.61	QP
4	0.2620	5.25	20.05	25.30	51.37	-26.07	AVG
5	0.5620	19.16	19.95	39.11	56.00	-16.89	QP
6	0.5620	7.75	19.95	27.70	46.00	-18.30	AVG
7	1.5940	13.00	19.78	32.78	56.00	-23.22	QP
8	1.5940	2.26	19.78	22.04	46.00	-23.96	AVG
9	4.1180	20.49	19.84	40.33	56.00	-15.67	QP
10	4.1180	10.18	19.84	30.02	46.00	-15.98	AVG
11	6.0020	17.13	19.79	36.92	60.00	-23.08	QP
12	6.0020	5.42	19.79	25.21	50.00	-24.79	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor)–Limit
3. Factor=LISN factor+Cable loss+Limiter (10dB)





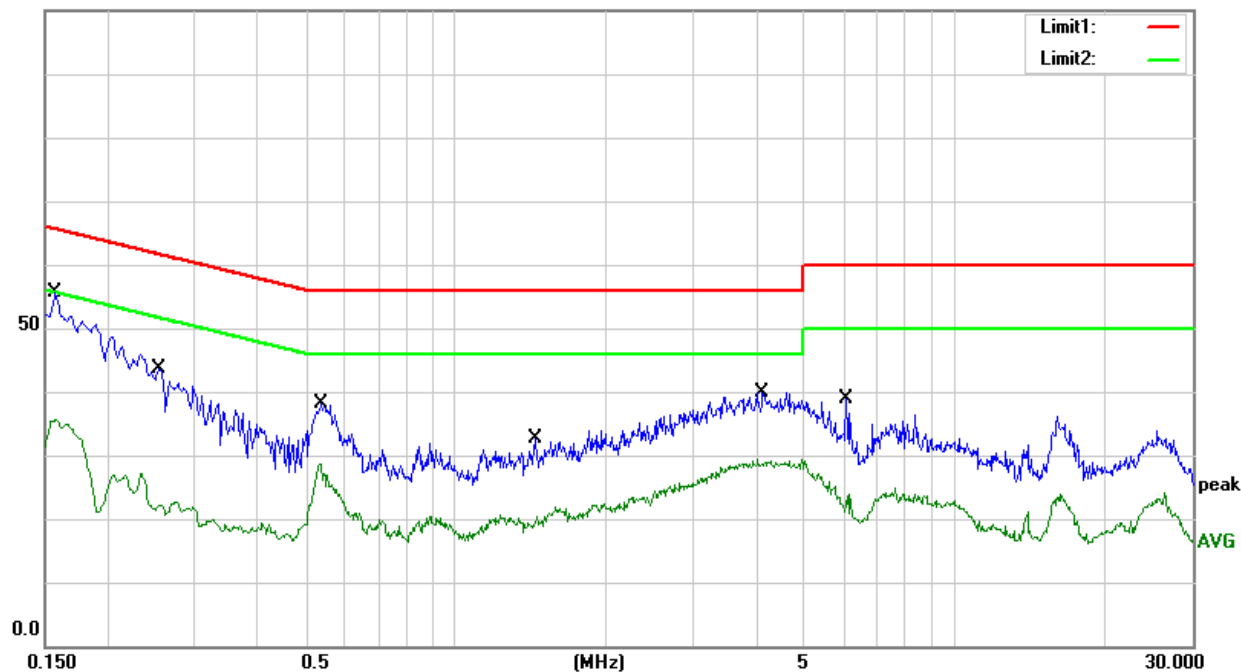
Temperature:	25.1°C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	TX		

No.	Frequency (MHz)	Reading (dBuV)	Correct Fac- tor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	35.98	19.76	55.74	65.57	-9.83	QP
2	0.1580	15.83	19.76	35.59	55.57	-19.98	AVG
3	0.2540	23.44	20.08	43.52	61.63	-18.11	QP
4	0.2540	7.00	20.08	27.08	51.63	-24.55	AVG
5	0.5380	18.23	19.94	38.17	56.00	-17.83	QP
6	0.5380	8.74	19.94	28.68	46.00	-17.32	AVG
7	1.4460	12.74	19.82	32.56	56.00	-23.44	QP
8	1.4460	2.10	19.82	21.92	46.00	-24.08	AVG
9	4.1140	19.94	19.95	39.89	56.00	-16.11	QP
10	4.1140	9.37	19.95	29.32	46.00	-16.68	AVG
11	6.0860	19.05	19.82	38.87	60.00	-21.13	QP
12	6.0860	9.54	19.82	29.36	50.00	-20.64	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)

100.0 dBuV





5.22 RADIATED SPURIOUS EMISSION

RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205(a) limit in the table and according to ANSI C63.10-2013 below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (Frequency Range 9kHz-1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/AV
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier hamonic(Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 3 MHz

Receiver Parameter	Setting
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

TEST PROCEDURE



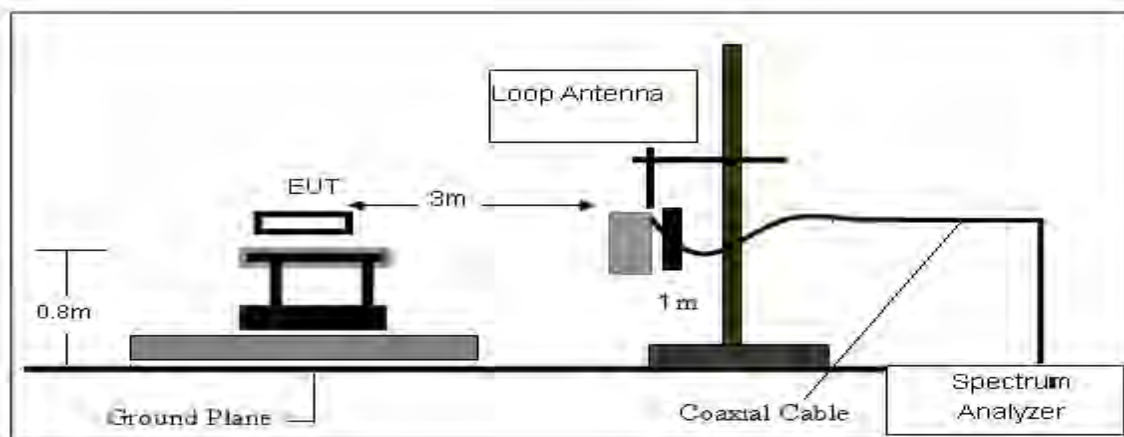
- a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber. The table was rotated 360 degrees to determine 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 1re 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 Quasi Peak 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:

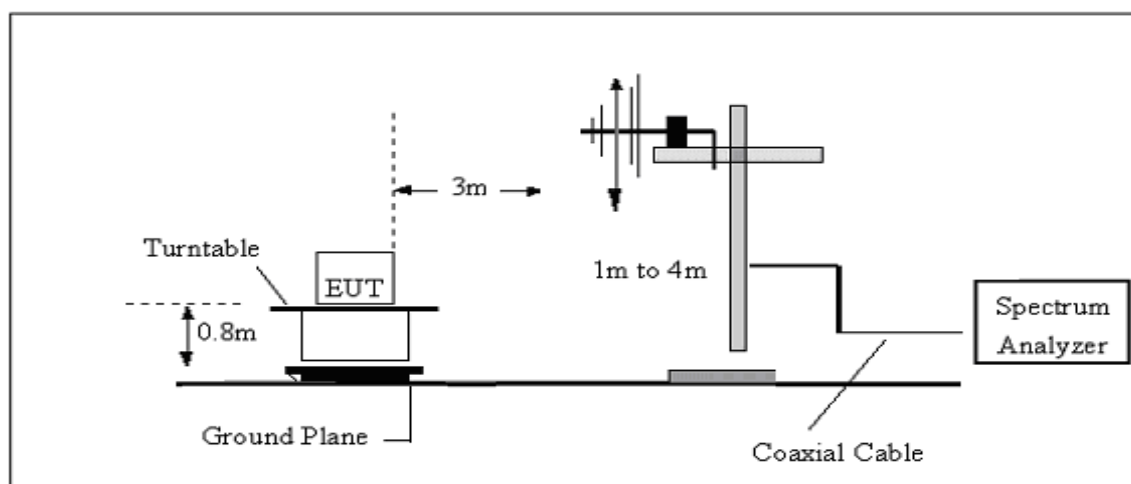
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

TEST SETUP

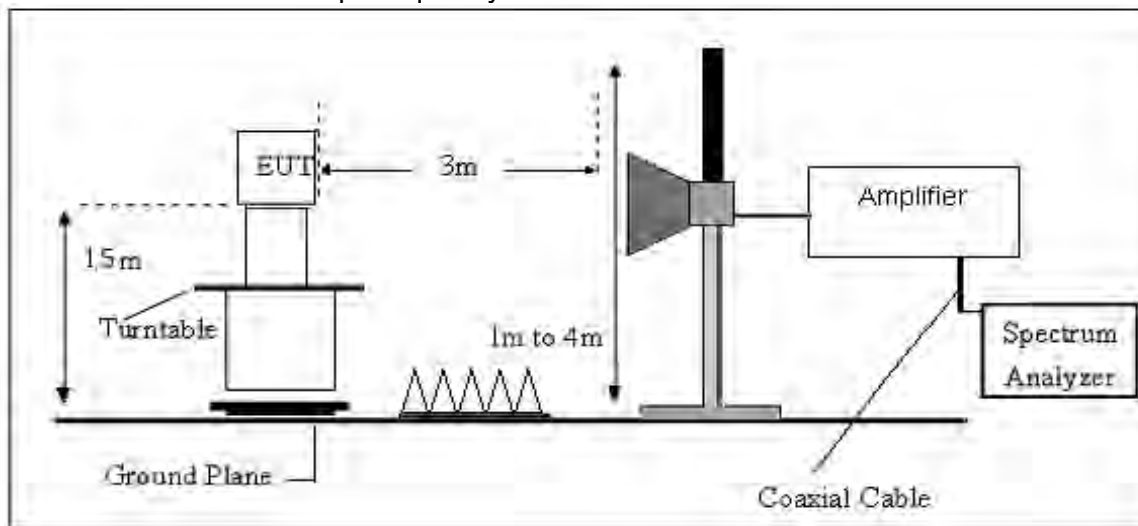
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

Margin=PL-PK L or AL- AV L; Margin only shown the worst case.

Where

PR = Peak Reading

AR = Average Reading

PL = Peak Level

AL = Average Level

AF = Antenna Factor

PK L = Peak Limit

AV L = AV Limit

For example

Frequency	PR	AR	AF	PL	AL	PK L	AV L	Margin
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)
2178	40.23	30.31	9.83	50.06	40.14	74.00	54.00	-13.86

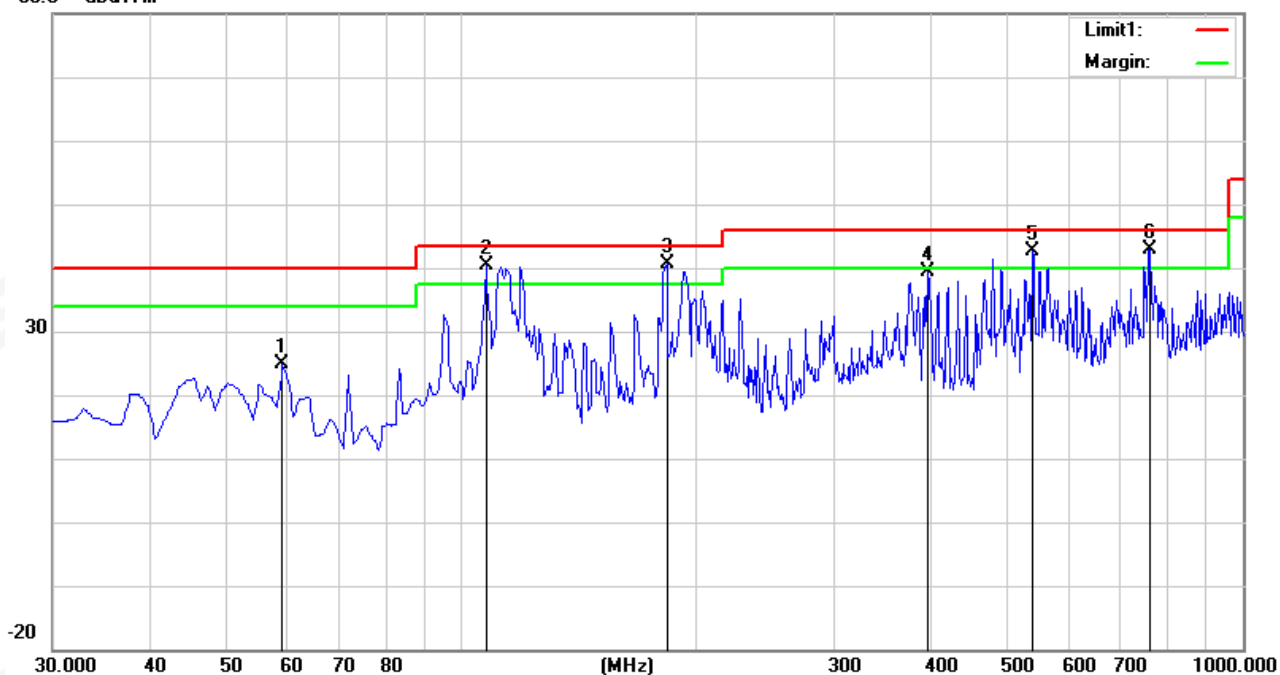
Factor=AF+CL-AG



TEST RESULTS(30MHz – 1GHz)

Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	TX Mode of ANT 1-PP32Z		

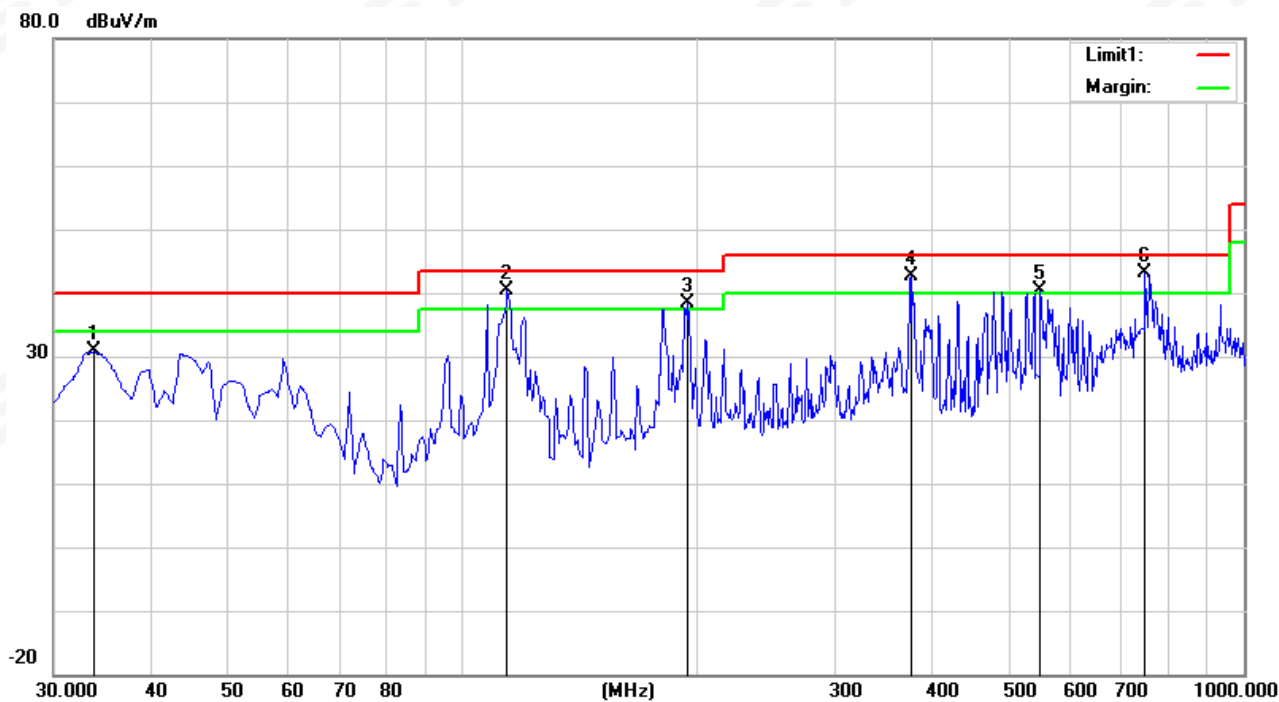
80.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.1000	50.50	-25.73	24.77	40.00	-15.23	peak
2	107.6000	59.68	-19.32	40.36	43.50	-3.14	peak
3	183.2600	60.85	-20.26	40.59	43.50	-2.91	peak
4	395.6900	50.75	-11.34	39.41	46.00	-6.59	peak
5	539.2500	49.48	-6.90	42.58	46.00	-3.42	peak
6	762.3500	45.14	-2.21	42.93	46.00	-3.07	peak



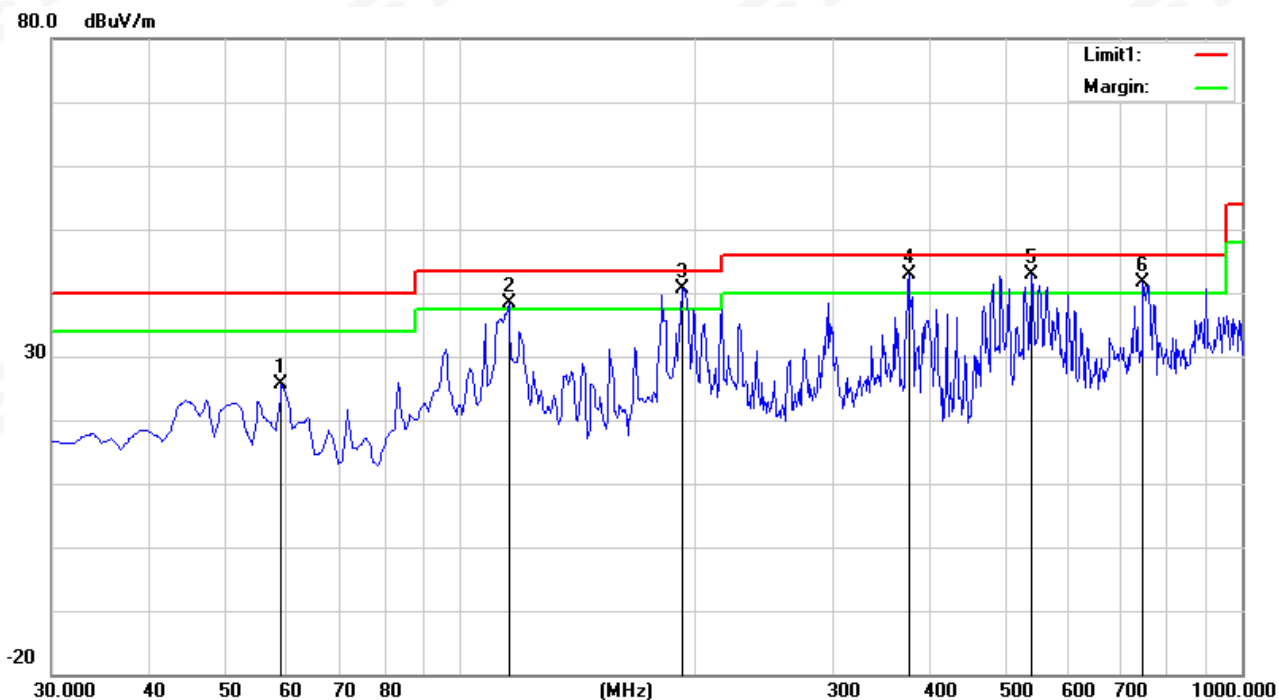
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	TX Mode of ANT 1-PP32Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	45.56	-14.80	30.76	40.00	-9.24	peak
2	114.3900	59.08	-18.63	40.45	43.50	-3.05	peak
3	194.9000	59.56	-21.14	38.42	43.50	-5.08	peak
4	375.3200	54.96	-12.37	42.59	46.00	-3.41	peak
5	550.8900	46.02	-5.74	40.28	46.00	-5.72	peak
6	749.7400	45.28	-2.16	43.12	46.00	-2.88	peak



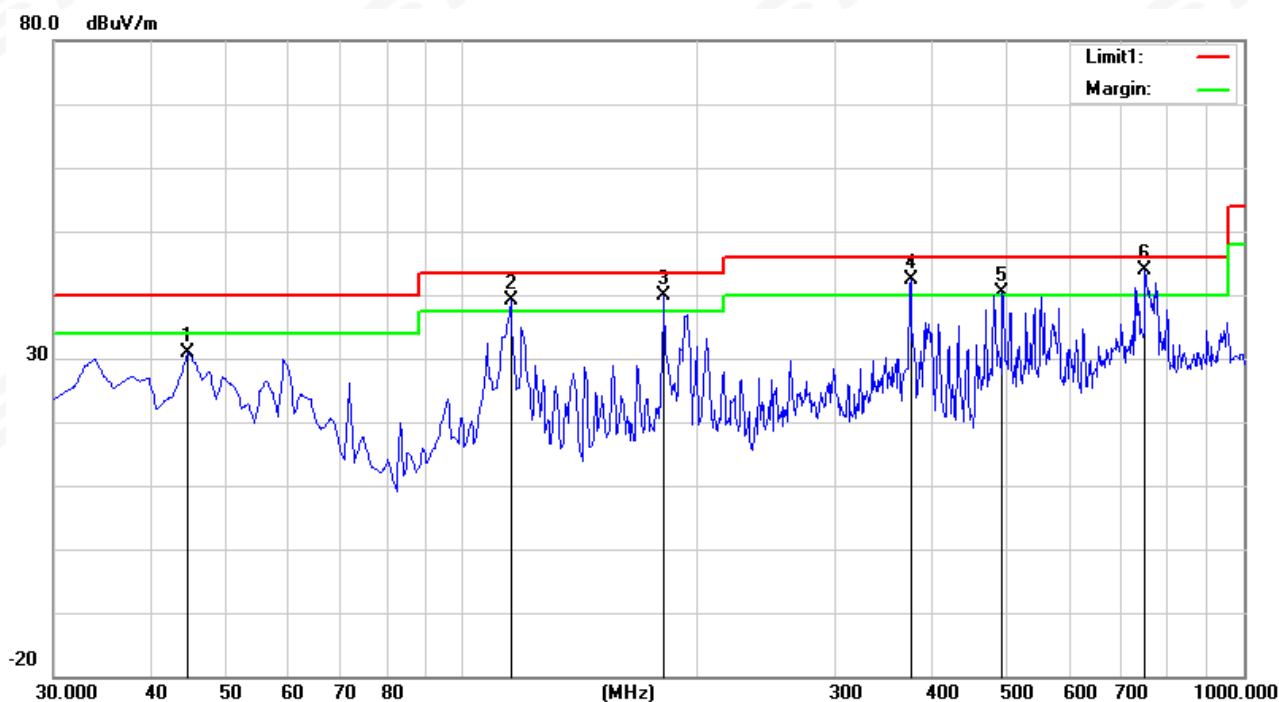
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	TX Mode of ANT 1-PP64Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.1000	51.28	-25.73	25.55	40.00	-14.45	peak
2	115.3600	56.87	-18.55	38.32	43.50	-5.18	peak
3	192.9600	61.75	-21.08	40.67	43.50	-2.83	peak
4	375.3200	55.29	-12.37	42.92	46.00	-3.08	peak
5	539.2500	49.80	-6.90	42.90	46.00	-3.10	peak
6	747.8000	43.85	-2.15	41.70	46.00	-4.30	peak



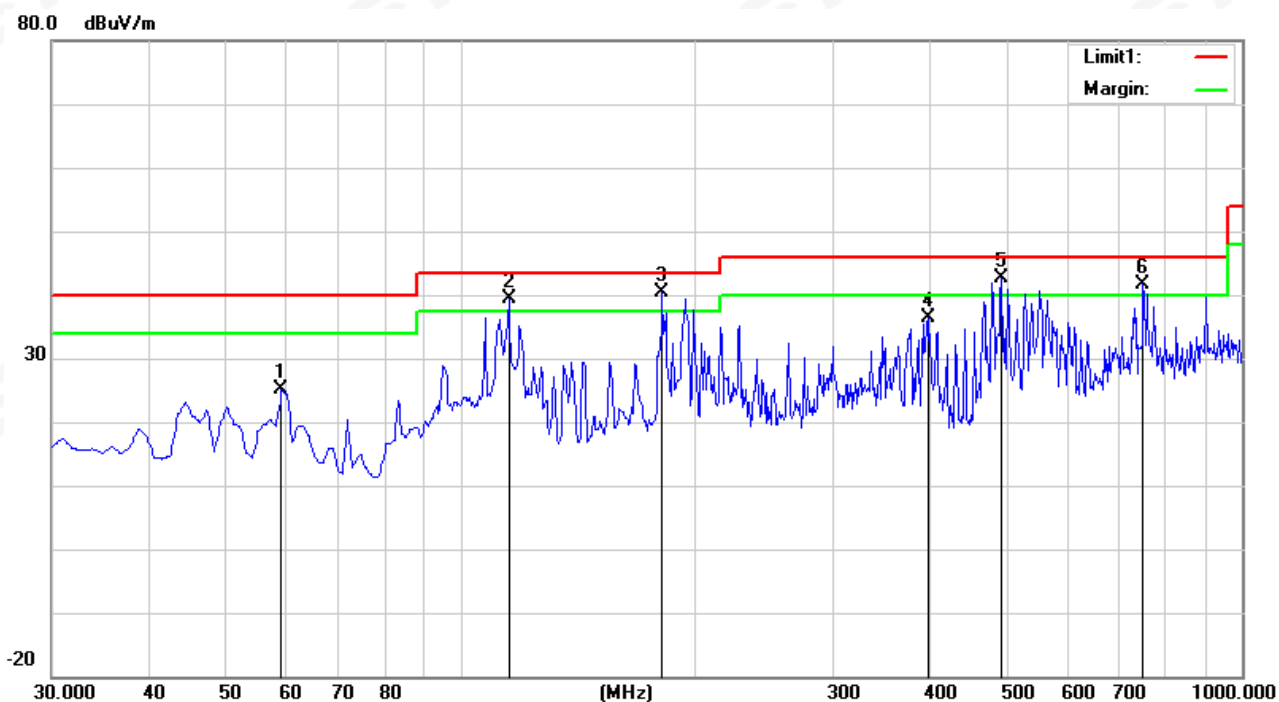
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	TX Mode of ANT 1-PP64Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	51.33	-20.43	30.90	40.00	-9.10	peak
2	115.3600	57.60	-18.55	39.05	43.50	-4.45	peak
3	181.3200	59.89	-20.11	39.78	43.50	-3.72	peak
4	375.3200	54.84	-12.37	42.47	46.00	-3.53	peak
5	491.7200	48.65	-8.18	40.47	46.00	-5.53	peak
6	748.7700	46.09	-2.15	43.94	46.00	-2.06	peak



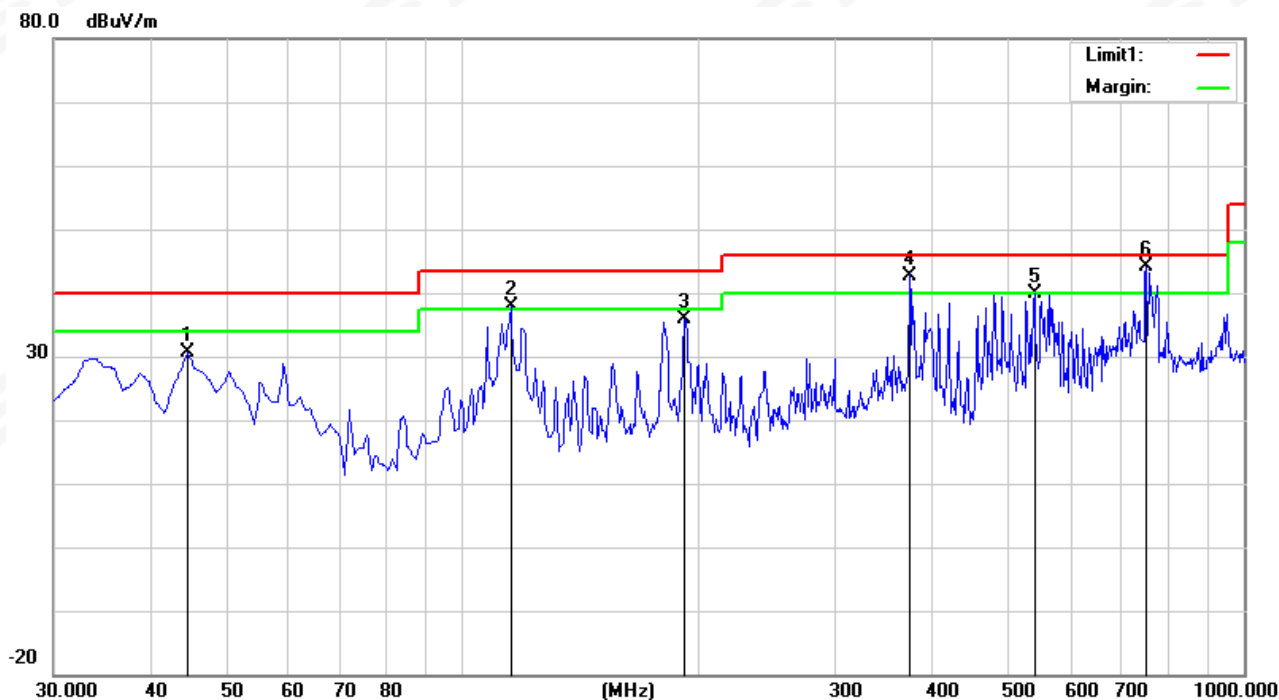
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	TX Mode of ANT 2-PP32Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.1000	50.80	-25.73	25.07	40.00	-14.93	peak
2	115.3600	57.87	-18.55	39.32	43.50	-4.18	peak
3	181.3200	60.57	-20.11	40.46	43.50	-3.04	peak
4	396.6600	47.67	-11.29	36.38	46.00	-9.62	peak
5	492.6900	50.86	-8.17	42.69	46.00	-3.31	peak
6	749.7400	43.76	-2.16	41.60	46.00	-4.40	peak



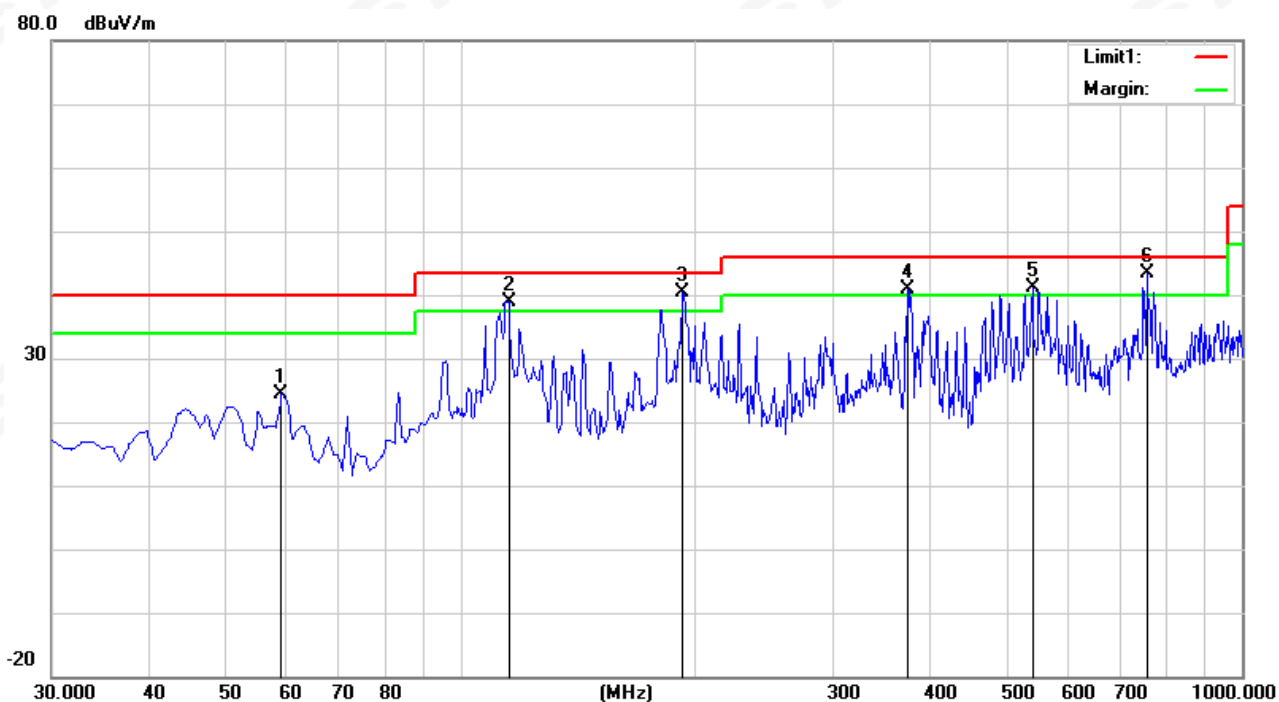
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	TX Mode of ANT 2-PP32Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	51.10	-20.43	30.67	40.00	-9.33	peak
2	115.3600	56.51	-18.55	37.96	43.50	-5.54	peak
3	192.9600	56.93	-21.08	35.85	43.50	-7.65	peak
4	374.3500	55.14	-12.39	42.75	46.00	-3.25	peak
5	540.2200	46.76	-6.84	39.92	46.00	-6.08	peak
6	751.6800	46.27	-2.17	44.10	46.00	-1.90	peak



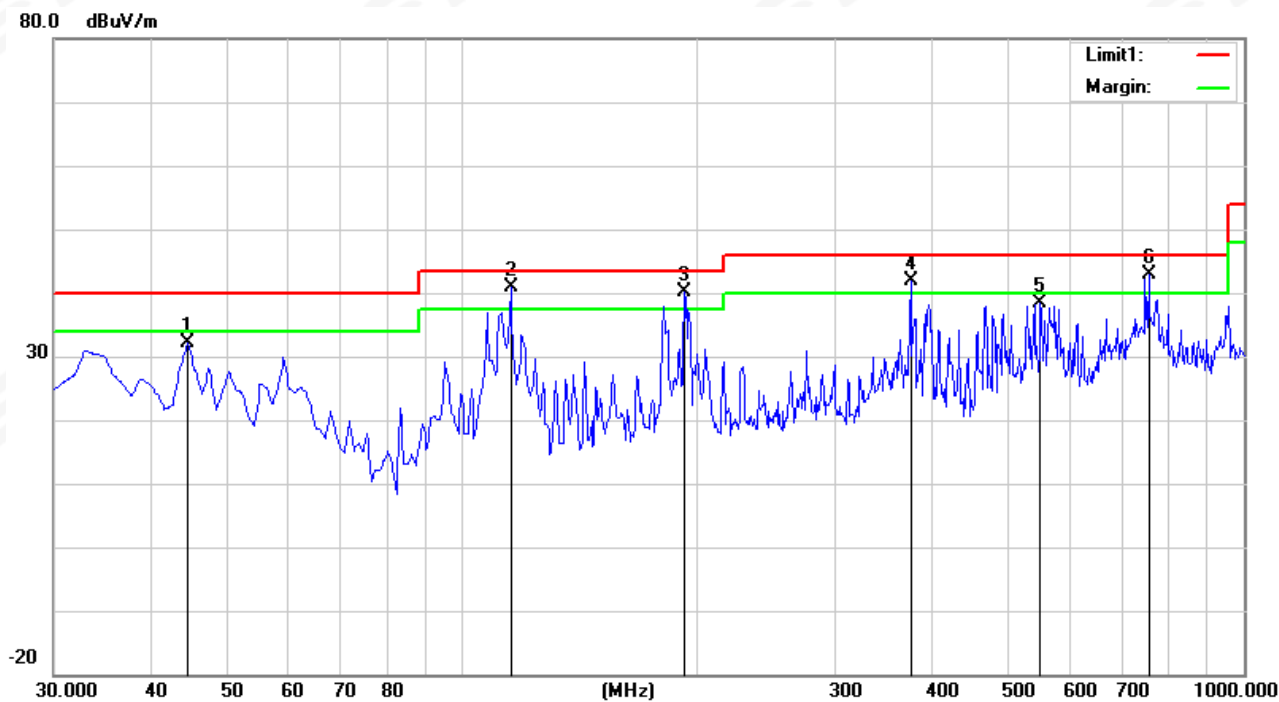
Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	TX Mode of ANT 2-PP64Z		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	59.1000	50.13	-25.73	24.40	40.00	-15.60	peak
2	115.3600	57.53	-18.55	38.98	43.50	-4.52	peak
3	192.9600	61.47	-21.08	40.39	43.50	-3.11	peak
4	374.3500	53.34	-12.39	40.95	46.00	-5.05	peak
5	540.2200	47.85	-6.84	41.01	46.00	-4.99	peak
6	755.5600	45.59	-2.17	43.42	46.00	-2.58	peak



Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	TX Mode of ANT 2-PP64Z		



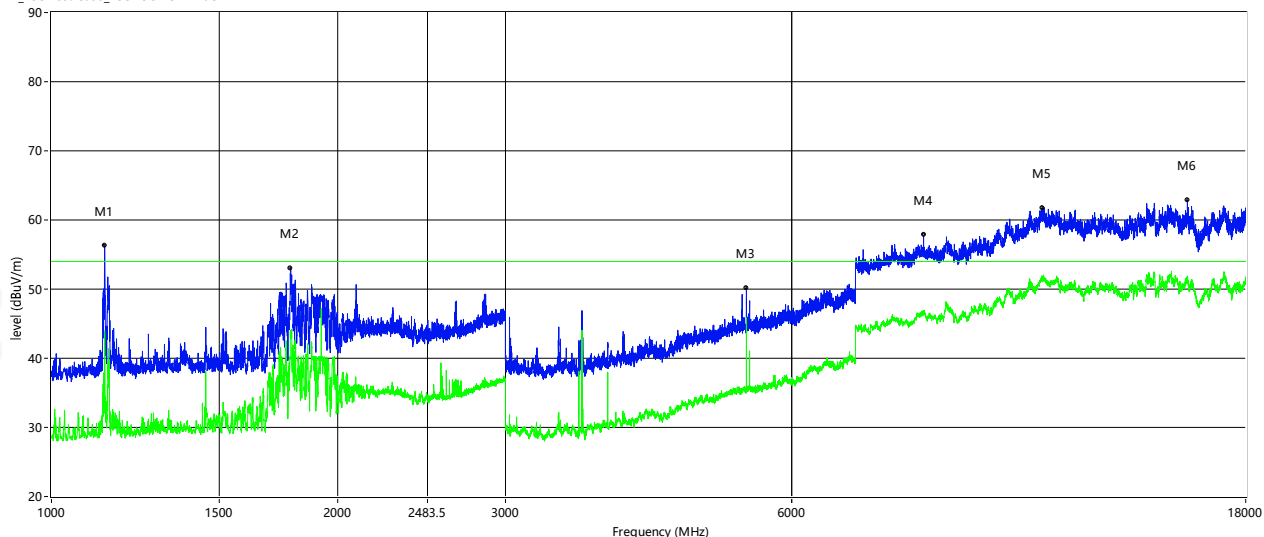
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	52.60	-20.43	32.17	40.00	-7.83	peak
2	115.3600	59.40	-18.55	40.85	43.50	-2.65	peak
3	192.9600	61.17	-21.08	40.09	43.50	-3.41	peak
4	375.3200	54.23	-12.37	41.86	46.00	-4.14	peak
5	550.8900	44.12	-5.74	38.38	46.00	-7.62	peak
6	757.5000	45.03	-2.17	42.86	46.00	-3.14	peak



TEST RESULTS(Above 1GHz)

ANT 1
PP32Z
GFSK-Low
Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

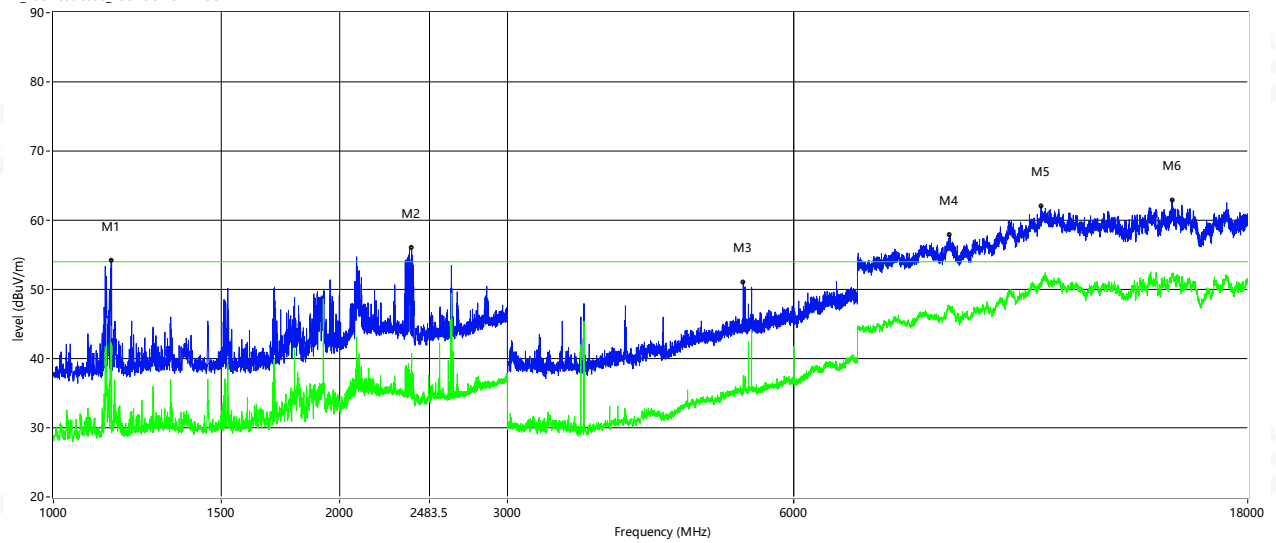


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.500	56.28	43.96	-1.41	74.0	54.0	-10.04	260.50	100	Horizontal	Pass
1784.500	52.95	44.02	-0.04	74.0	54.0	-9.98	288.60	100	Horizontal	Pass
5376.000	50.19	45.84	-4.81	74.0	54.0	-8.16	355.70	100	Horizontal	Pass
8254.000	57.80	46.80	4.22	74.0	54.0	-7.20	279.70	100	Horizontal	Pass
11015.000	61.78	51.04	10.14	74.0	54.0	-2.96	118.20	100	Horizontal	Pass
15629.500	62.89	51.90	10.37	74.0	54.0	-2.10	51.90	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz



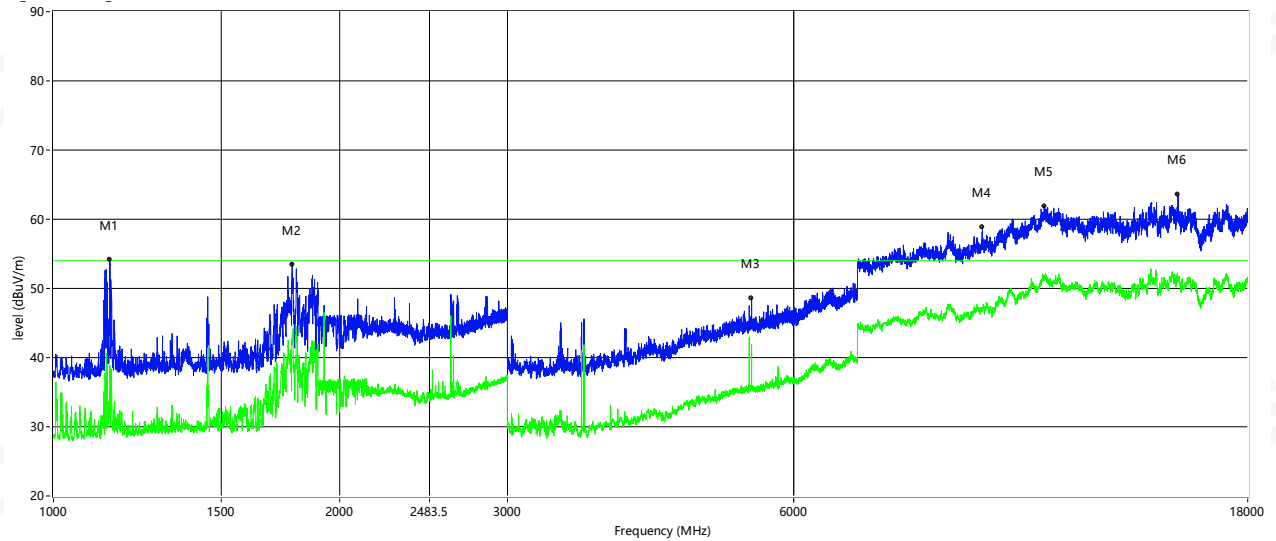
Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.000	54.13	41.73	-1.38	74.0	54.0	-12.27	220.00	100	Vertical	Pass
2379.500	55.96	40.78	4.13	74.0	54.0	-13.22	227.10	100	Vertical	Pass
5309.000	50.99	37.56	-4.99	74.0	54.0	-16.44	352.10	100	Vertical	Pass
8757.250	57.82	47.37	4.98	74.0	54.0	-6.63	143.10	100	Vertical	Pass
10916.000	61.99	50.60	9.57	74.0	54.0	-3.40	89.70	100	Vertical	Pass
14997.000	62.81	51.83	10.38	74.0	54.0	-2.17	0.80	100	Vertical	Pass



GFSK-Mid

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

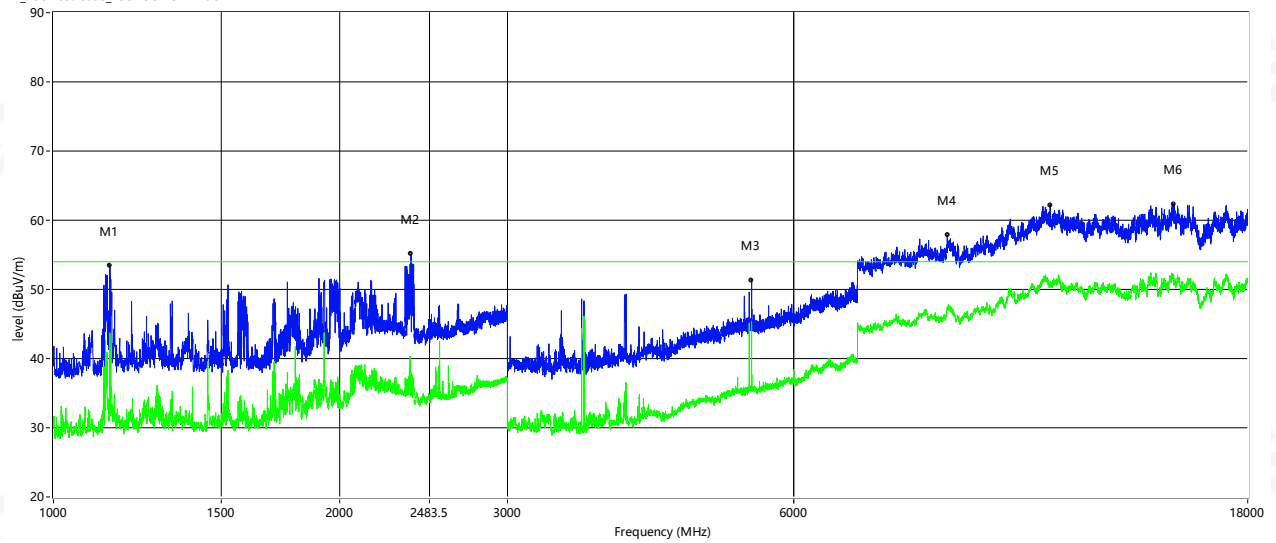


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1146.500	54.18	38.90	-1.39	74.0	54.0	-15.10	254.60	100	Horizontal	Pass
1782.000	53.49	42.65	-0.04	74.0	54.0	-11.35	293.80	100	Horizontal	Pass
5417.000	48.55	41.89	-4.80	74.0	54.0	-12.11	353.30	100	Horizontal	Pass
9472.250	58.83	47.03	5.06	74.0	54.0	-6.97	201.50	100	Horizontal	Pass
10998.500	61.92	51.40	10.21	74.0	54.0	-2.60	0.10	100	Horizontal	Pass
15206.000	63.50	51.51	10.98	74.0	54.0	-2.49	162.30	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

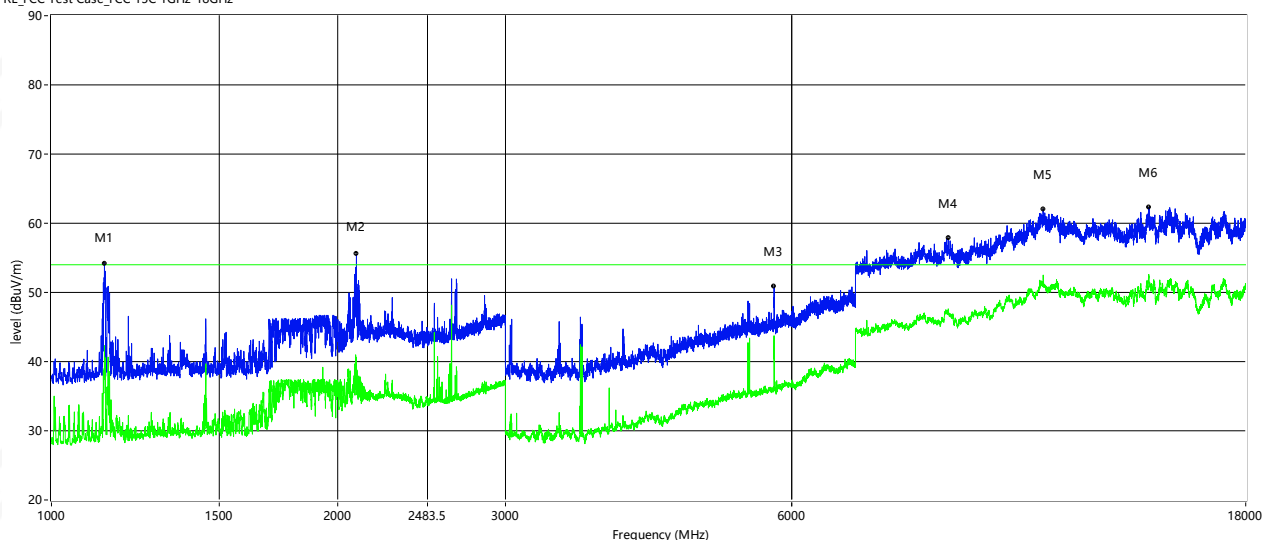


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1146.500	53.49	43.71	-1.39	74.0	54.0	-10.29	233.60	100	Vertical	Pass
2376.000	55.11	37.92	4.16	74.0	54.0	-16.08	202.10	100	Vertical	Pass
5418.000	51.22	44.08	-4.80	74.0	54.0	-9.92	360.00	100	Vertical	Pass
8699.500	57.79	46.95	5.15	74.0	54.0	-7.05	263.30	100	Vertical	Pass
11158.000	62.20	50.75	9.63	74.0	54.0	-3.25	139.00	100	Vertical	Pass
15032.750	62.33	52.19	10.37	74.0	54.0	-1.81	278.10	100	Vertical	Pass



GFSK-High Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

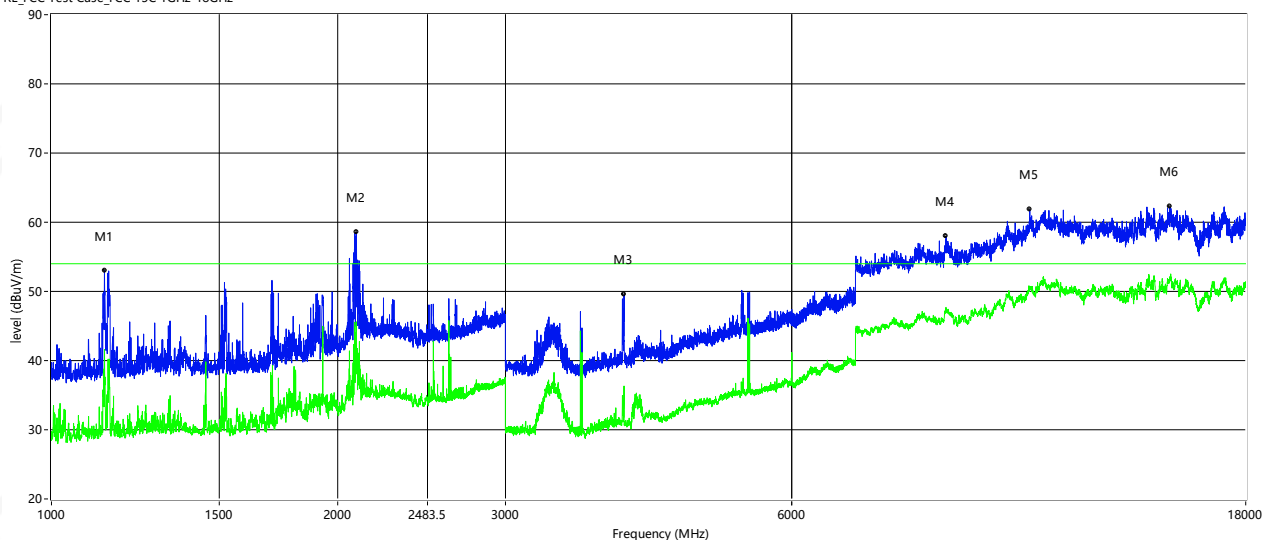


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.000	54.17	42.30	-1.41	74.0	54.0	-11.70	253.40	100	Horizontal	Pass
2092.000	55.53	40.64	3.64	74.0	54.0	-13.36	267.30	100	Horizontal	Pass
5749.000	50.83	41.02	-3.96	74.0	54.0	-12.98	74.00	100	Horizontal	Pass
8762.750	57.86	47.62	4.97	74.0	54.0	-6.38	275.70	100	Horizontal	Pass
11026.000	62.02	52.51	10.08	74.0	54.0	-1.49	323.60	100	Horizontal	Pass
14238.000	62.31	52.60	11.31	74.0	54.0	-1.40	0.00	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

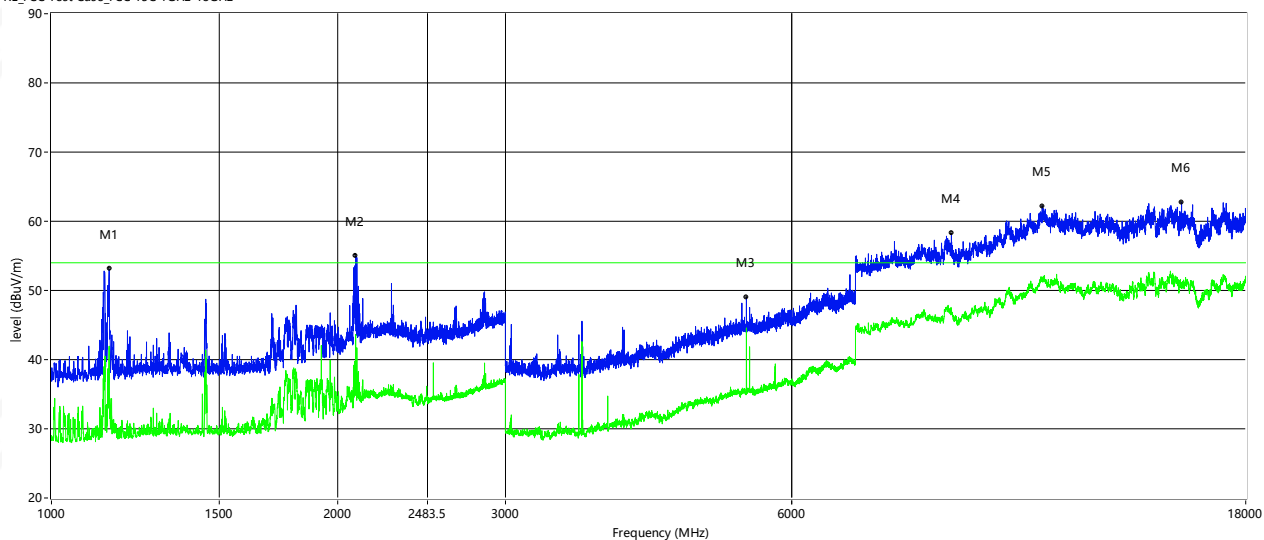


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.000	53.01	41.60	-1.41	74.0	54.0	-12.40	54.50	100	Vertical	Pass
2092.000	58.59	45.59	3.64	74.0	54.0	-8.41	200.00	100	Vertical	Pass
3998.000	49.52	36.32	-10.18	74.0	54.0	-17.68	96.70	100	Vertical	Pass
8716.000	57.99	47.25	5.11	74.0	54.0	-6.75	101.10	100	Vertical	Pass
10674.000	61.80	50.41	8.28	74.0	54.0	-3.59	147.70	100	Vertical	Pass
14983.250	62.24	52.01	10.31	74.0	54.0	-1.99	68.10	100	Vertical	Pass



PP64Z
GFSK-Low
Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

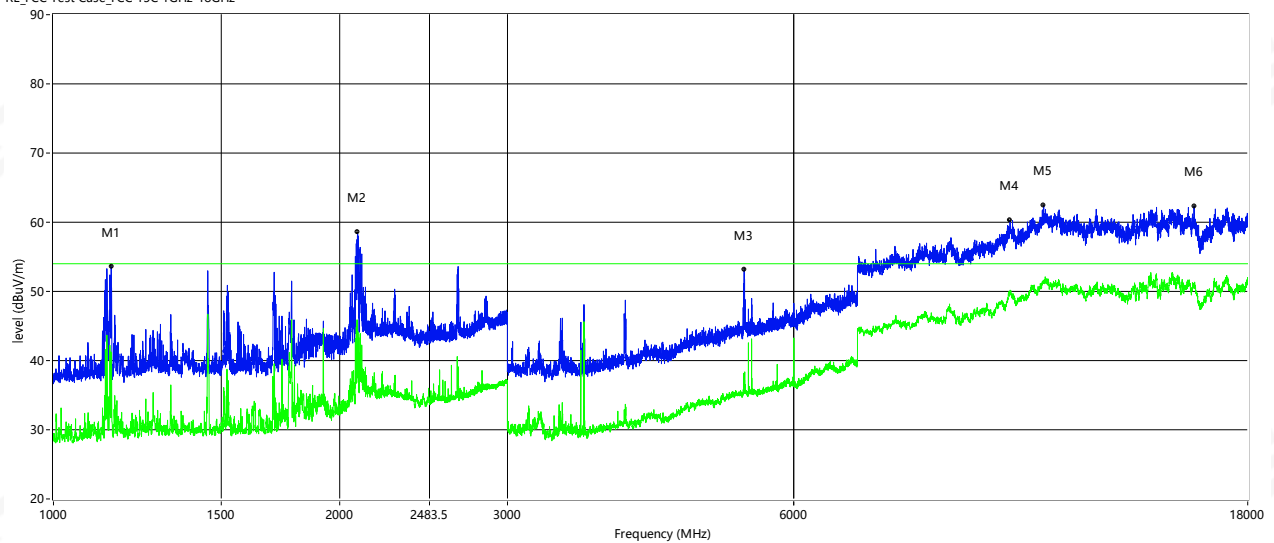


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.000	53.07	41.96	-1.38	74.0	54.0	-12.04	261.10	100	Horizontal	Pass
2088.000	55.01	43.63	3.56	74.0	54.0	-10.37	241.40	100	Horizontal	Pass
5376.000	49.02	44.59	-4.81	74.0	54.0	-9.41	353.90	100	Horizontal	Pass
8828.750	58.22	47.04	4.67	74.0	54.0	-6.96	275.70	100	Horizontal	Pass
10998.500	62.21	51.41	10.21	74.0	54.0	-2.59	2.20	100	Horizontal	Pass
15412.250	62.77	50.61	10.92	74.0	54.0	-3.39	184.90	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz



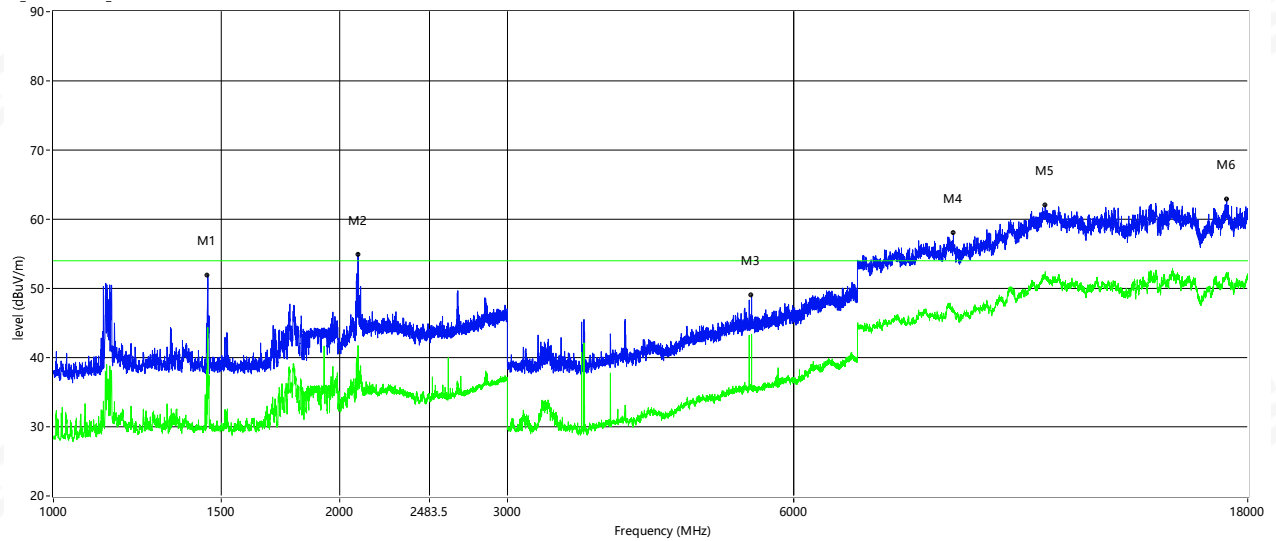
Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.000	53.59	41.24	-1.38	74.0	54.0	-12.76	231.80	100	Vertical	Pass
2088.000	58.53	42.46	3.56	74.0	54.0	-11.54	210.50	100	Vertical	Pass
5321.000	53.14	38.07	-4.96	74.0	54.0	-15.93	337.10	100	Vertical	Pass
10126.750	60.26	49.62	7.16	74.0	54.0	-4.38	305.20	100	Vertical	Pass
10984.750	62.43	51.29	10.10	74.0	54.0	-2.71	184.80	100	Vertical	Pass
15808.250	62.30	51.03	9.52	74.0	54.0	-2.97	357.40	100	Vertical	Pass



GFSK-Mid

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

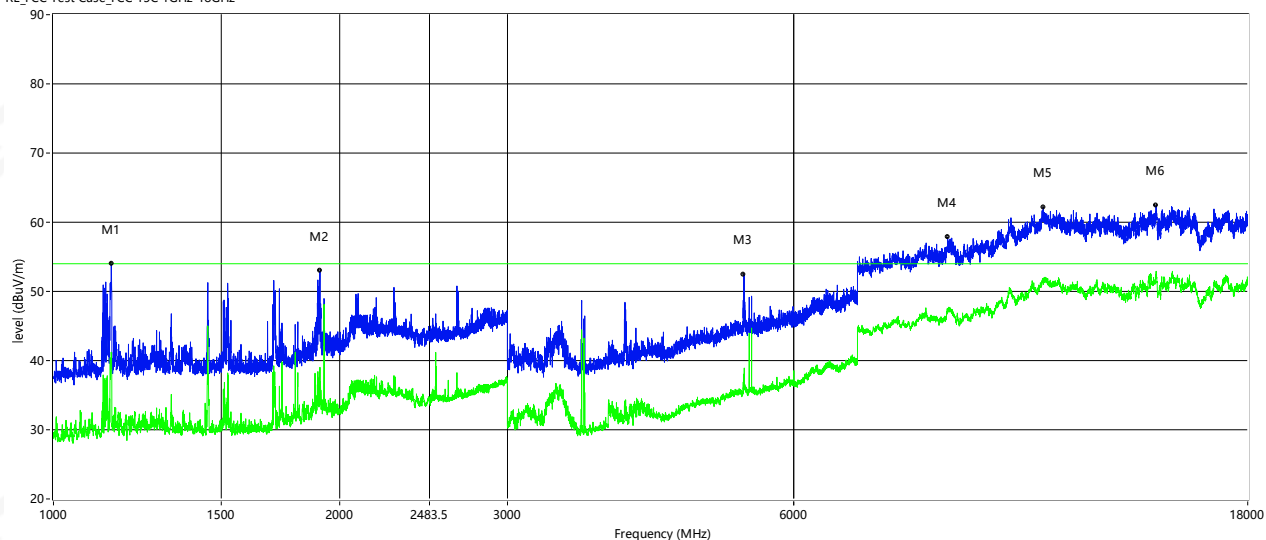


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1453.000	51.89	44.35	-0.58	74.0	54.0	-9.65	70.20	100	Horizontal	Pass
2090.000	54.92	41.75	3.60	74.0	54.0	-12.25	239.70	100	Horizontal	Pass
5417.000	48.99	43.39	-4.80	74.0	54.0	-10.61	345.20	100	Horizontal	Pass
8828.750	58.02	46.71	4.67	74.0	54.0	-7.29	123.40	100	Horizontal	Pass
11026.000	61.95	52.43	10.08	74.0	54.0	-1.57	126.20	100	Horizontal	Pass
17106.250	62.80	51.84	10.45	74.0	54.0	-2.16	266.70	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

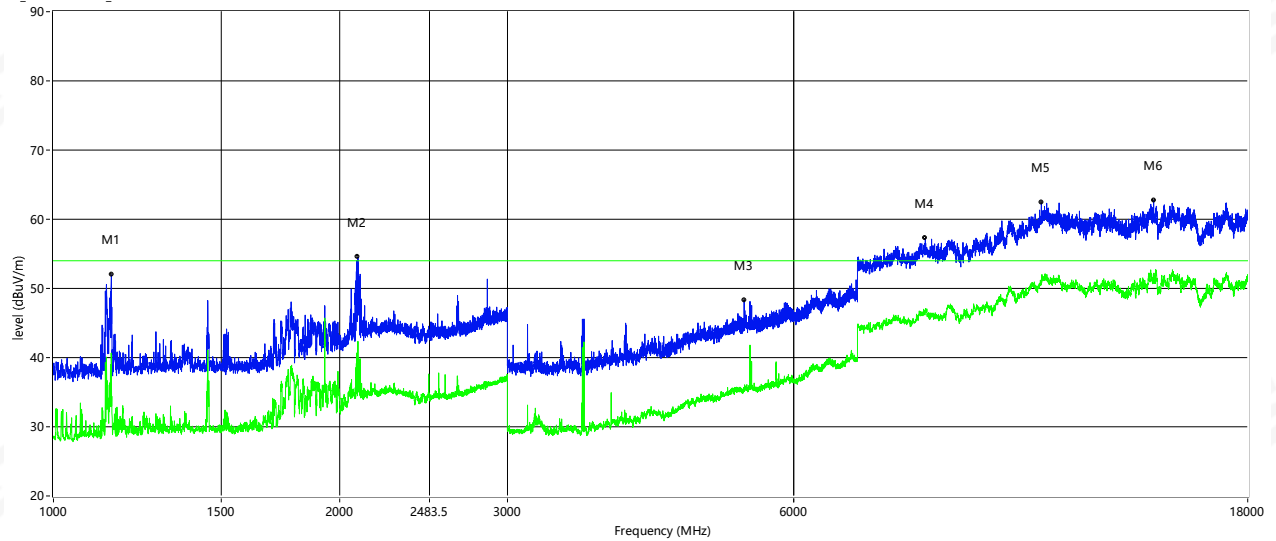


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.000	53.98	41.21	-1.38	74.0	54.0	-12.79	223.50	100	Vertical	Pass
1906.000	52.97	39.03	0.86	74.0	54.0	-14.97	286.40	100	Vertical	Pass
5316.000	52.45	37.10	-4.97	74.0	54.0	-16.90	234.80	100	Vertical	Pass
8707.750	57.84	47.22	5.14	74.0	54.0	-6.78	224.90	100	Vertical	Pass
10973.750	62.14	51.52	10.02	74.0	54.0	-2.48	45.10	100	Vertical	Pass
14416.750	62.43	52.18	11.23	74.0	54.0	-1.82	157.10	100	Vertical	Pass



GFSK-High Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

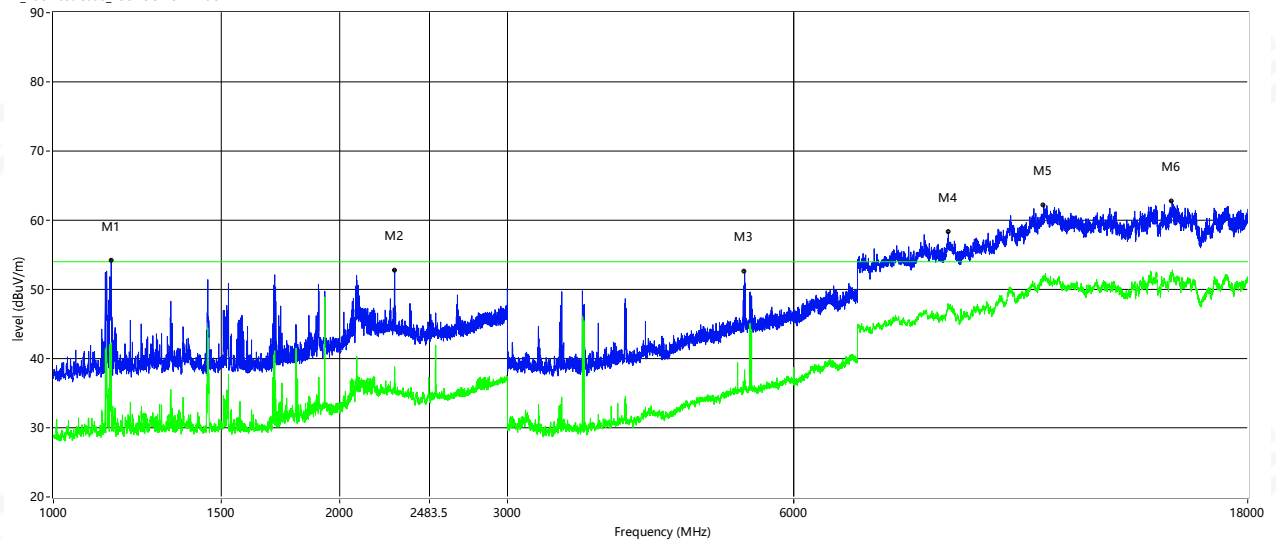


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.500	51.96	39.42	-1.38	74.0	54.0	-14.58	307.40	100	Horizontal	Pass
2089.500	54.52	42.36	3.59	74.0	54.0	-11.64	325.90	100	Horizontal	Pass
5321.000	48.32	35.69	-4.96	74.0	54.0	-18.31	108.60	100	Horizontal	Pass
8248.500	57.22	46.61	4.22	74.0	54.0	-7.39	326.20	100	Horizontal	Pass
10924.250	62.36	51.00	9.64	74.0	54.0	-3.00	356.90	100	Horizontal	Pass
14334.250	62.74	51.26	11.03	74.0	54.0	-2.74	224.70	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

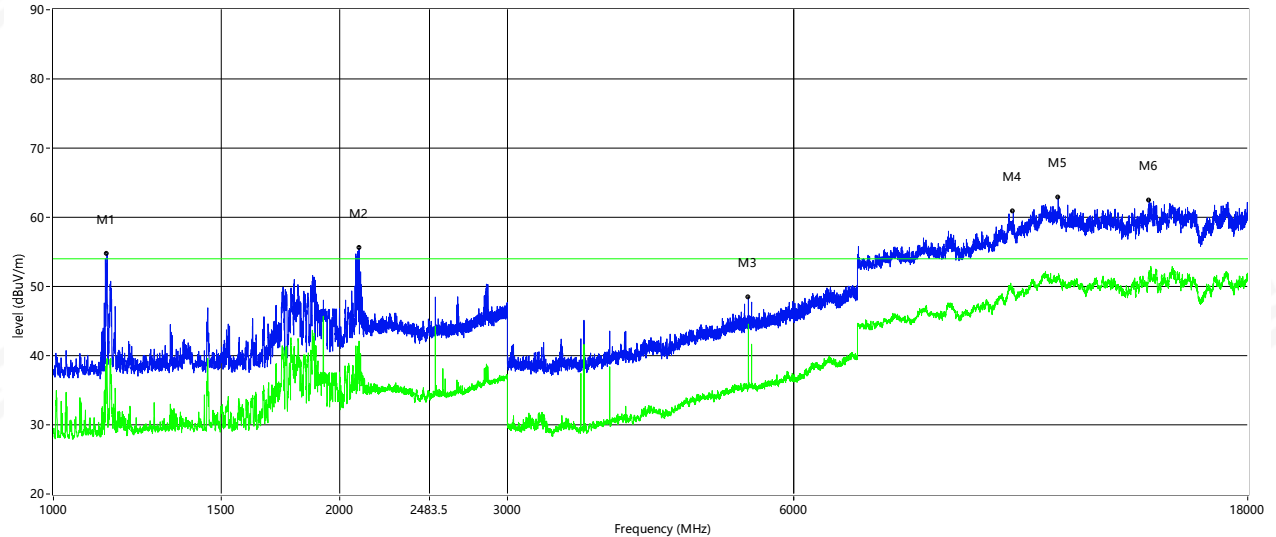


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1150.000	54.16	42.28	-1.38	74.0	54.0	-11.72	233.30	100	Vertical	Pass
2283.500	52.73	38.83	4.60	74.0	54.0	-15.17	205.20	100	Vertical	Pass
5327.000	52.54	38.37	-4.94	74.0	54.0	-15.63	354.30	100	Vertical	Pass
8721.500	58.29	47.50	5.09	74.0	54.0	-6.50	227.70	100	Vertical	Pass
10987.500	62.21	51.54	10.12	74.0	54.0	-2.46	352.40	100	Vertical	Pass
14991.500	62.77	51.97	10.36	74.0	54.0	-2.03	213.20	100	Vertical	Pass



ANT 2
PP32Z
GFSK-Low
Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

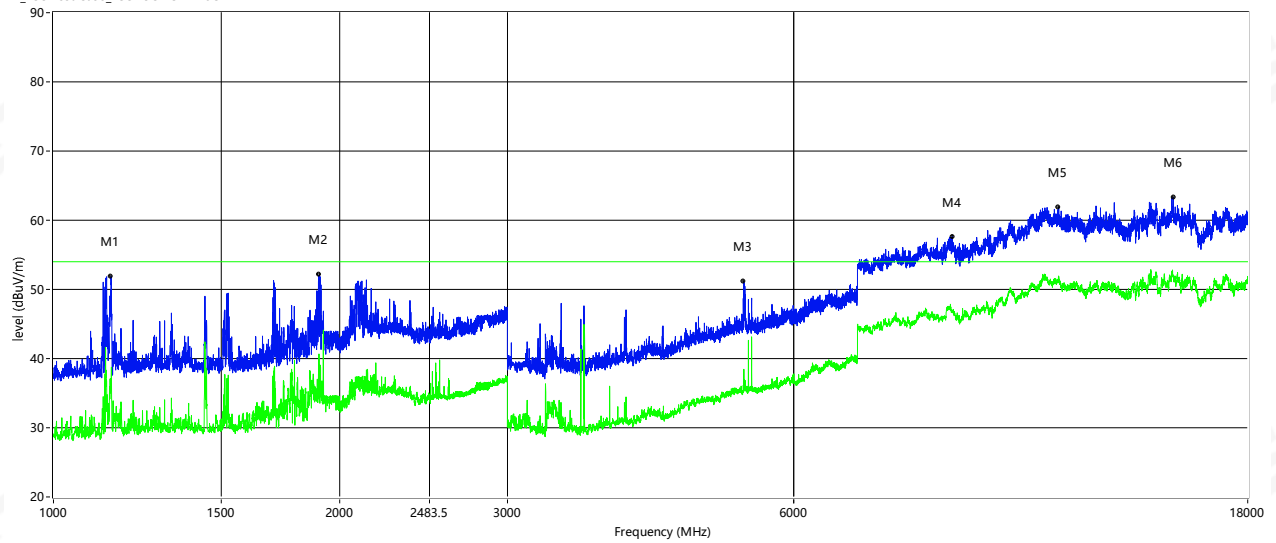


Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1138.500	54.75	39.59	-1.41	74.0	54.0	-14.41	253.10	100	Horizontal	Pass
2095.000	55.51	42.09	3.69	74.0	54.0	-11.91	322.20	100	Horizontal	Pass
5376.000	48.40	44.56	-4.81	74.0	54.0	-9.44	312.00	100	Horizontal	Pass
10206.500	60.79	49.20	7.06	74.0	54.0	-4.80	358.90	100	Horizontal	Pass
11378.000	62.80	51.20	9.70	74.0	54.0	-2.80	354.50	100	Horizontal	Pass
14183.000	62.40	52.30	11.32	74.0	54.0	-1.70	87.40	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz



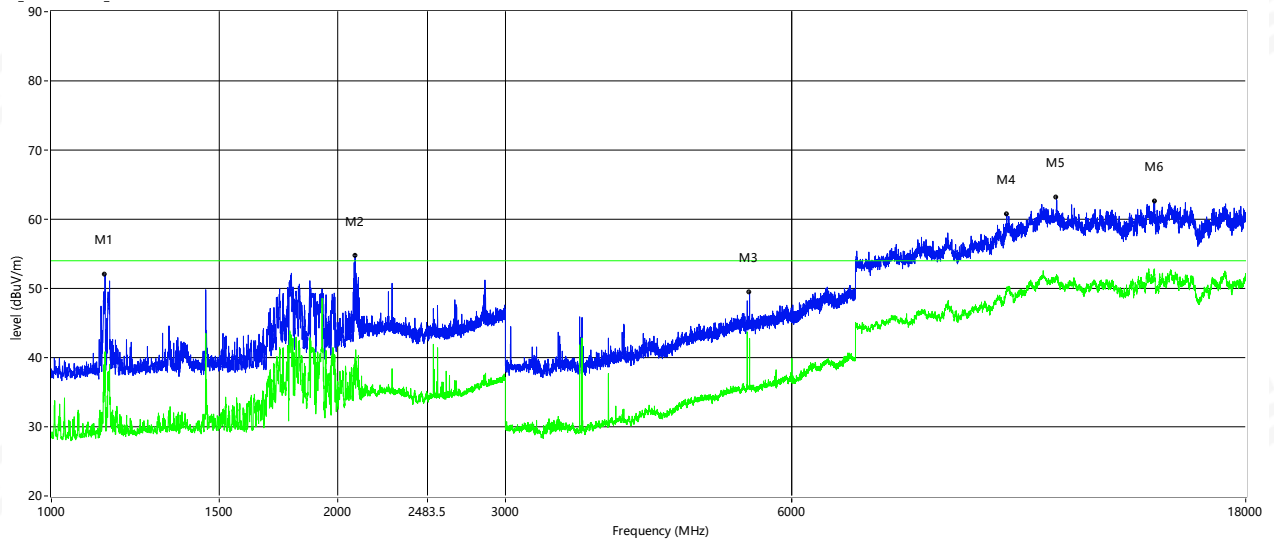
Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1149.500	51.89	36.76	-1.38	74.0	54.0	-17.24	204.90	100	Vertical	Pass
1901.500	52.07	40.67	0.85	74.0	54.0	-13.33	216.90	100	Vertical	Pass
5317.000	51.16	38.46	-4.97	74.0	54.0	-15.54	352.10	100	Vertical	Pass
8806.750	57.64	46.79	4.81	74.0	54.0	-7.21	232.00	100	Vertical	Pass
11391.750	61.90	51.86	9.73	74.0	54.0	-2.14	359.50	100	Vertical	Pass
15038.250	63.27	51.97	10.36	74.0	54.0	-2.03	43.70	100	Vertical	Pass



GFSK-Mid

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

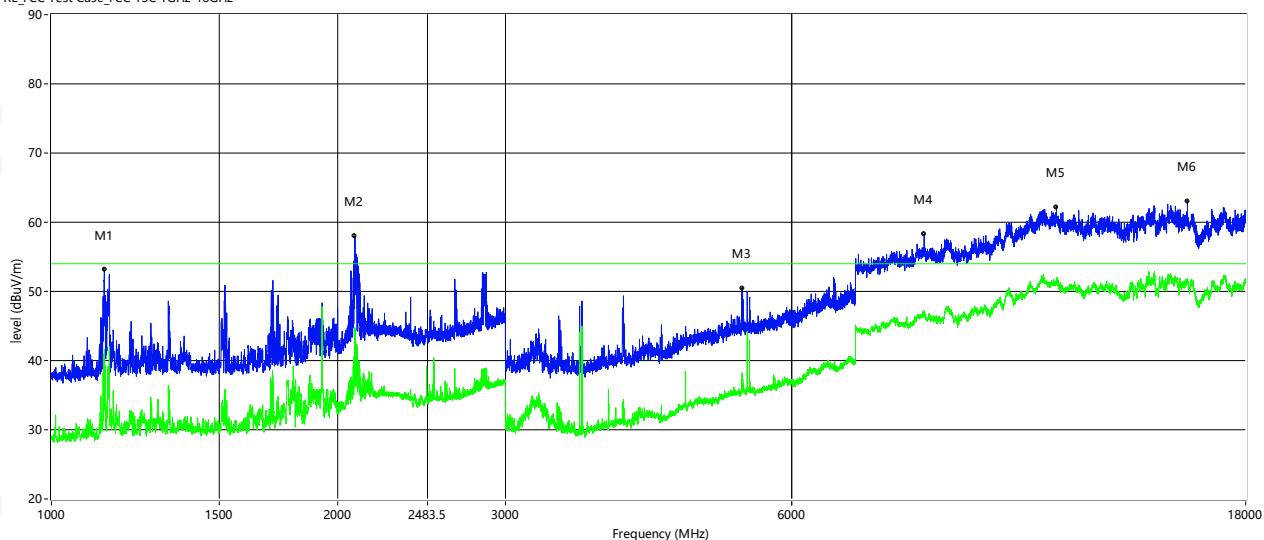


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1138.500	52.01	40.85	-1.41	74.0	54.0	-13.15	244.70	100	Horizontal	Pass
2085.000	54.72	40.06	3.50	74.0	54.0	-13.94	107.40	100	Horizontal	Pass
5417.000	49.40	42.79	-4.80	74.0	54.0	-11.21	341.70	100	Horizontal	Pass
10096.500	60.76	50.03	7.11	74.0	54.0	-3.97	99.80	100	Horizontal	Pass
11386.250	63.12	52.01	9.71	74.0	54.0	-1.99	322.00	100	Horizontal	Pass
14438.750	62.59	51.95	10.97	74.0	54.0	-2.05	270.80	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

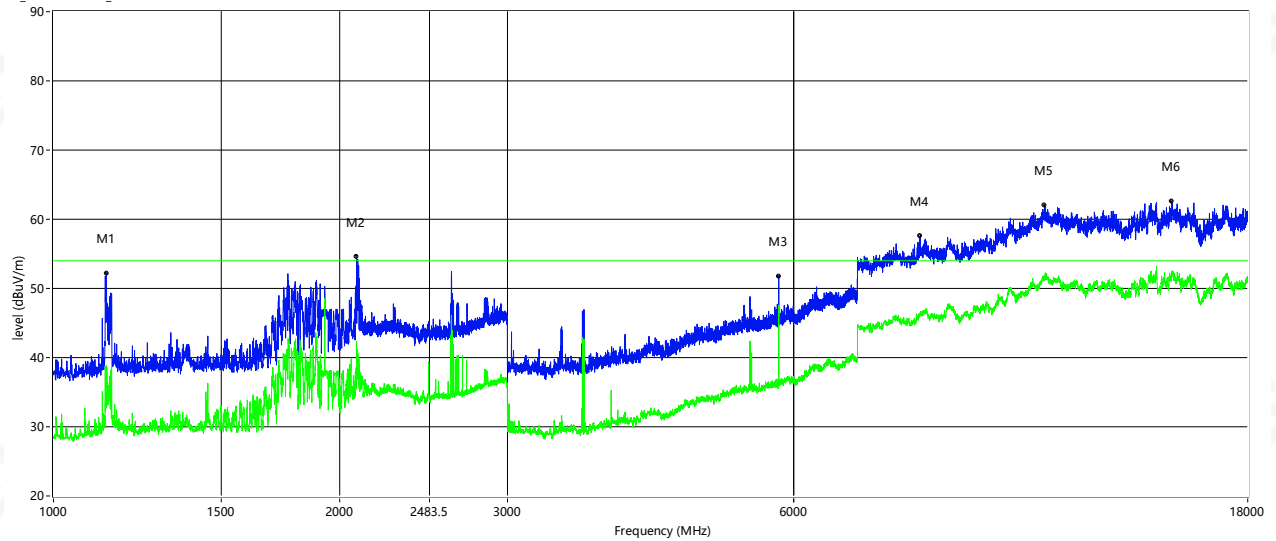


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1136.500	53.10	41.59	-1.41	74.0	54.0	-12.41	218.10	100	Vertical	Pass
2084.500	57.93	44.75	3.49	74.0	54.0	-9.25	311.40	100	Vertical	Pass
5319.000	50.47	38.24	-4.96	74.0	54.0	-15.76	354.10	100	Vertical	Pass
8265.000	58.30	46.85	4.23	74.0	54.0	-7.15	254.30	100	Vertical	Pass
11383.500	62.09	51.73	9.71	74.0	54.0	-2.27	330.80	100	Vertical	Pass
15632.250	63.06	51.66	10.32	74.0	54.0	-2.34	4.20	100	Vertical	Pass



GFSK-High Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

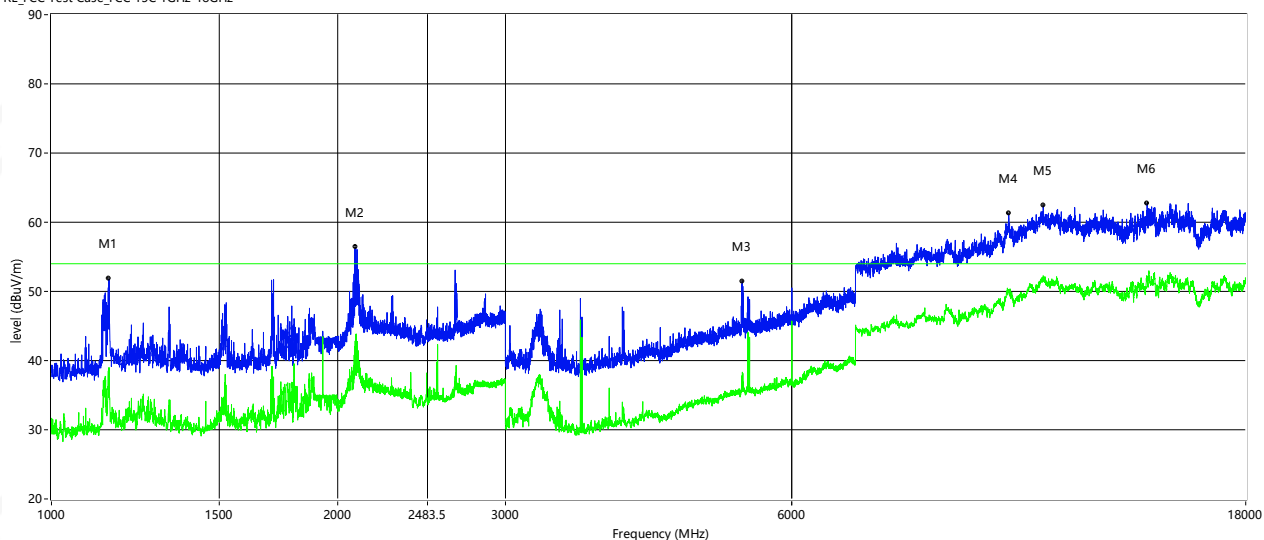


Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.000	52.16	38.83	-1.41	74.0	54.0	-15.17	307.80	100	Horizontal	Pass
2082.500	54.54	42.37	3.45	74.0	54.0	-11.63	95.40	100	Horizontal	Pass
5785.000	51.75	47.55	-3.90	74.0	54.0	-6.45	257.80	100	Horizontal	Pass
8144.000	57.54	46.47	4.18	74.0	54.0	-7.53	289.50	100	Horizontal	Pass
11015.000	62.01	51.53	10.14	74.0	54.0	-2.47	2.10	100	Horizontal	Pass
14969.500	62.52	51.87	10.24	74.0	54.0	-2.13	354.50	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

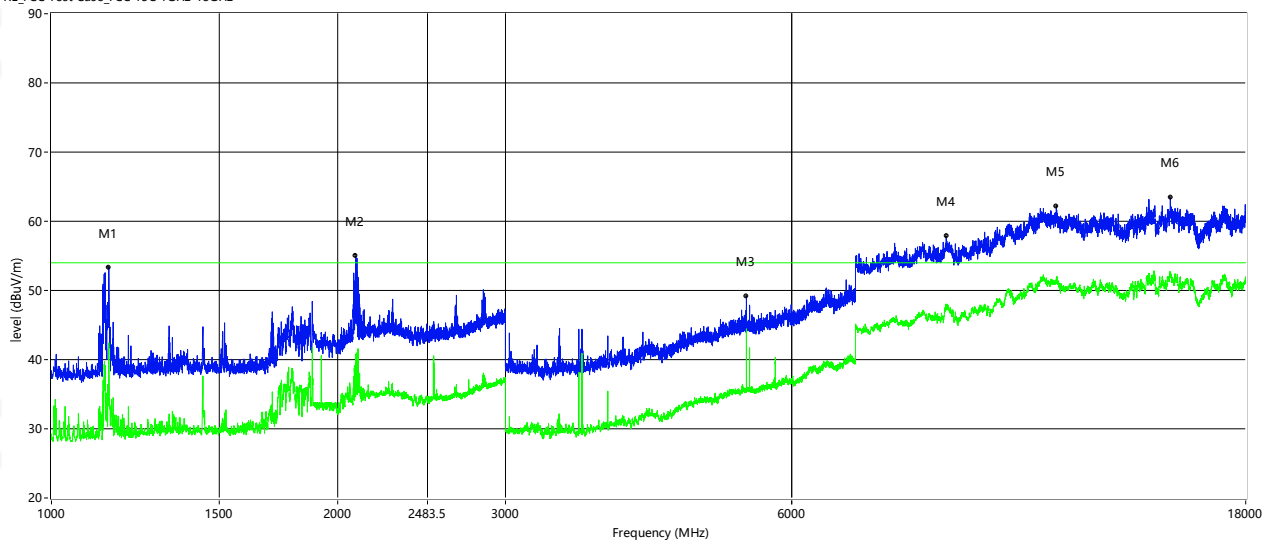


Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1149.500	51.80	39.01	-1.38	74.0	54.0	-14.99	215.70	100	Vertical	Pass
2087.500	56.39	43.70	3.55	74.0	54.0	-10.30	205.60	100	Vertical	Pass
5321.000	51.41	37.68	-4.96	74.0	54.0	-16.32	6.40	100	Vertical	Pass
10143.250	61.23	50.29	7.15	74.0	54.0	-3.71	43.60	100	Vertical	Pass
11026.000	62.37	52.27	10.08	74.0	54.0	-1.73	192.00	100	Vertical	Pass
14180.250	62.74	52.11	11.27	74.0	54.0	-1.89	355.40	100	Vertical	Pass



PP64Z
GFSK-Low
Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

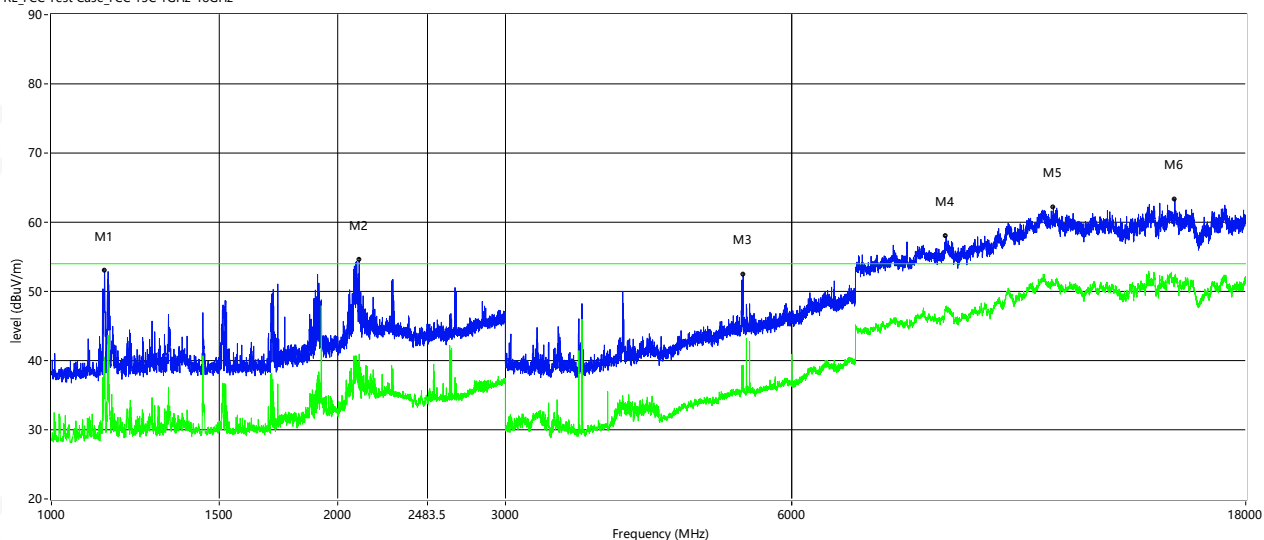


Frequency (MHz)	Peak Level (dBuV /m)	Average Level (dBuV /m)	Factor (dB)	PK Limit (dBuV /m)	AV Limit (dBuV /m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1149.000	53.33	42.43	-1.38	74.0	54.0	-11.57	304.90	100	Horizontal	Pass
2088.500	54.98	40.83	3.57	74.0	54.0	-13.17	100.80	100	Horizontal	Pass
5376.000	49.20	44.46	-4.81	74.0	54.0	-9.54	351.60	100	Horizontal	Pass
8718.750	57.84	47.52	5.10	74.0	54.0	-6.48	255.50	100	Horizontal	Pass
11380.750	62.13	51.69	9.70	74.0	54.0	-2.31	212.20	100	Horizontal	Pass
14997.000	63.39	52.37	10.38	74.0	54.0	-1.63	360.30	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz



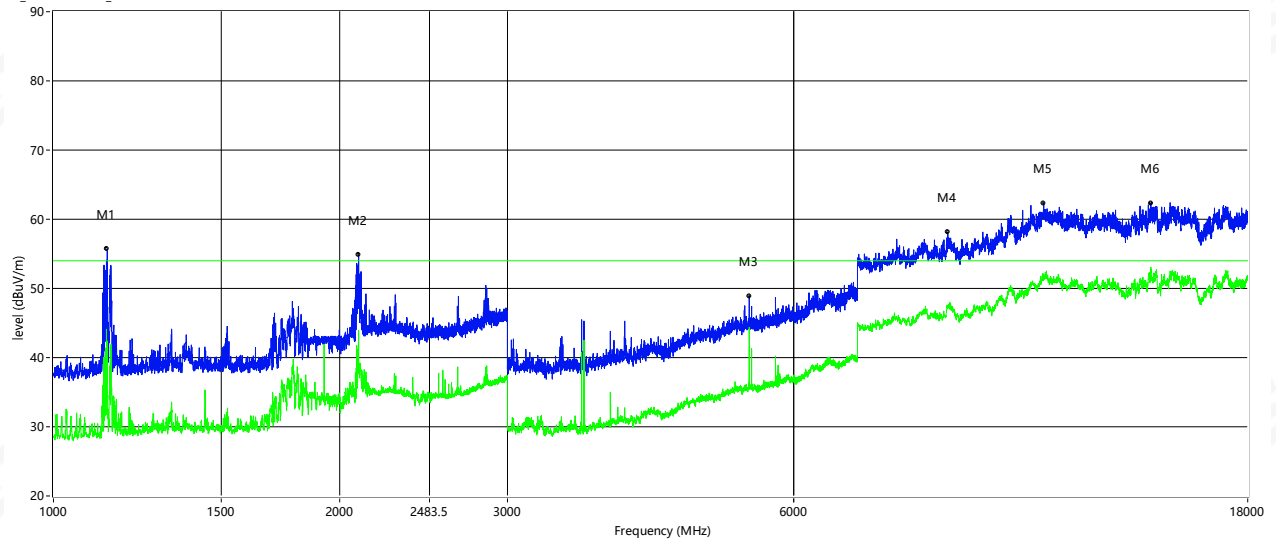
Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.500	52.97	39.83	-1.41	74.0	54.0	-14.17	215.80	100	Vertical	Pass
2106.000	54.50	40.96	3.89	74.0	54.0	-13.04	214.30	100	Vertical	Pass
5333.000	52.36	39.35	-4.92	74.0	54.0	-14.65	352.10	100	Vertical	Pass
8716.000	57.98	47.83	5.11	74.0	54.0	-6.17	137.70	100	Vertical	Pass
11303.750	62.10	51.05	9.54	74.0	54.0	-2.95	299.60	100	Vertical	Pass
15164.750	63.33	51.43	10.78	74.0	54.0	-2.57	327.40	100	Vertical	Pass



GFSK-Mid

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

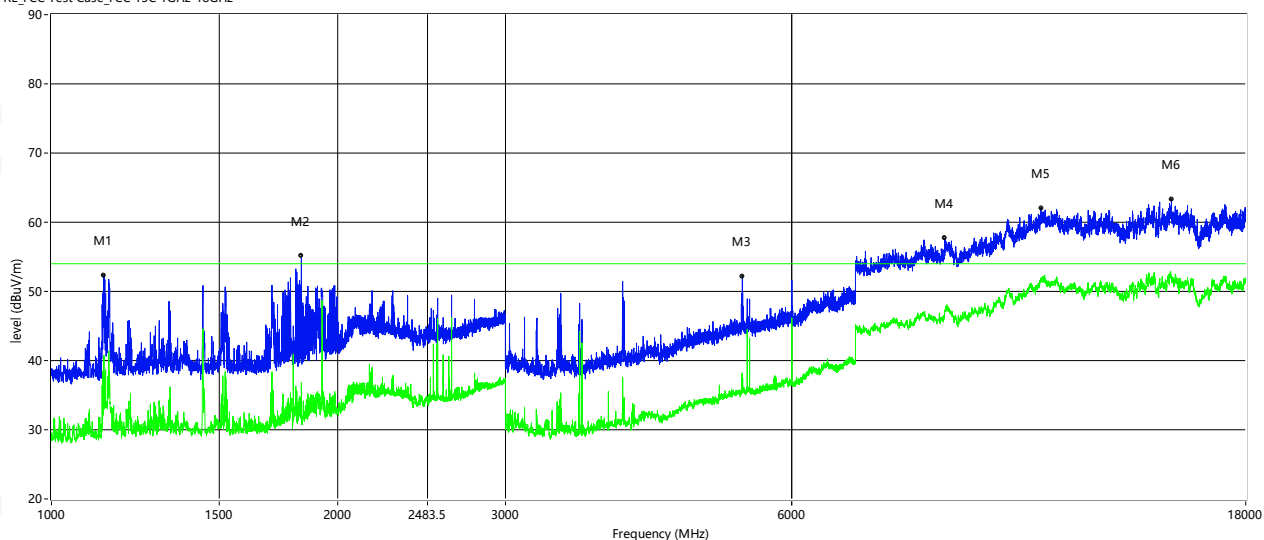


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1139.000	55.65	42.42	-1.41	74.0	54.0	-11.58	245.00	100	Horizontal	Pass
2093.000	54.87	43.93	3.65	74.0	54.0	-10.07	324.10	100	Horizontal	Pass
5386.000	48.90	44.37	-4.79	74.0	54.0	-9.63	314.50	100	Horizontal	Pass
8710.500	58.11	47.49	5.13	74.0	54.0	-6.51	311.10	100	Horizontal	Pass
10984.750	62.25	51.89	10.10	74.0	54.0	-2.11	0.60	100	Horizontal	Pass
14238.000	62.31	52.85	11.31	74.0	54.0	-1.15	18.90	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz

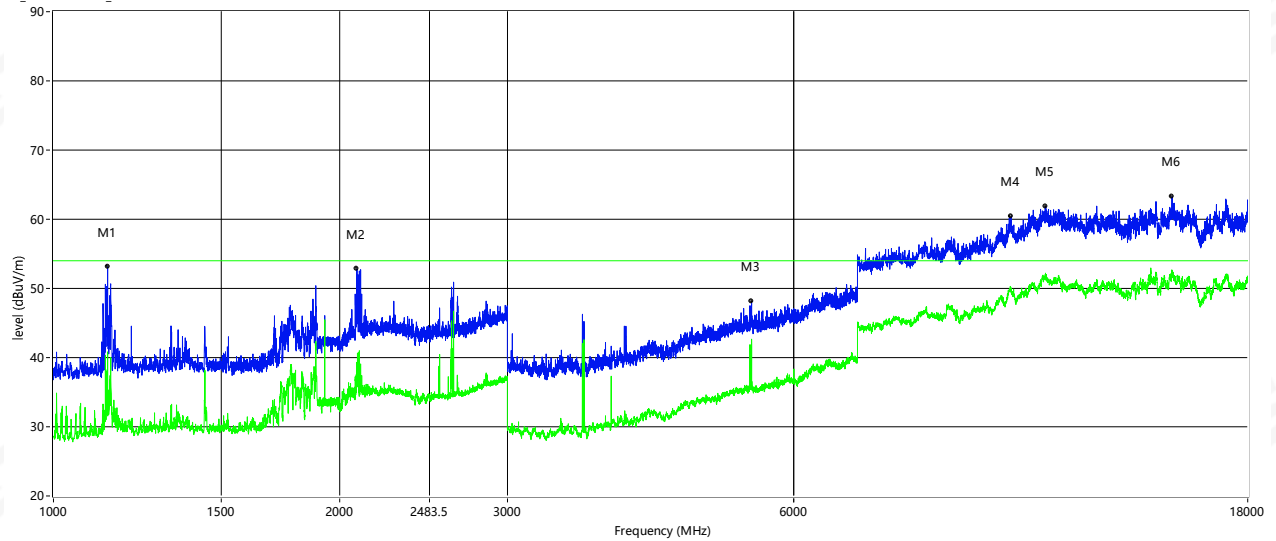


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1135.500	52.31	40.75	-1.41	74.0	54.0	-13.25	201.20	100	Vertical	Pass
1831.000	55.11	36.80	0.45	74.0	54.0	-17.20	222.20	100	Vertical	Pass
5323.000	52.18	37.44	-4.95	74.0	54.0	-16.56	355.30	100	Vertical	Pass
8691.250	57.67	47.20	5.06	74.0	54.0	-6.80	34.70	100	Vertical	Pass
10965.500	62.06	51.74	9.95	74.0	54.0	-2.26	142.80	100	Vertical	Pass
15035.500	63.31	52.19	10.37	74.0	54.0	-1.81	240.00	100	Vertical	Pass



GFSK-High Horizontal

RE_FCC Test Case_FCC 15C 1GHz-18GHz

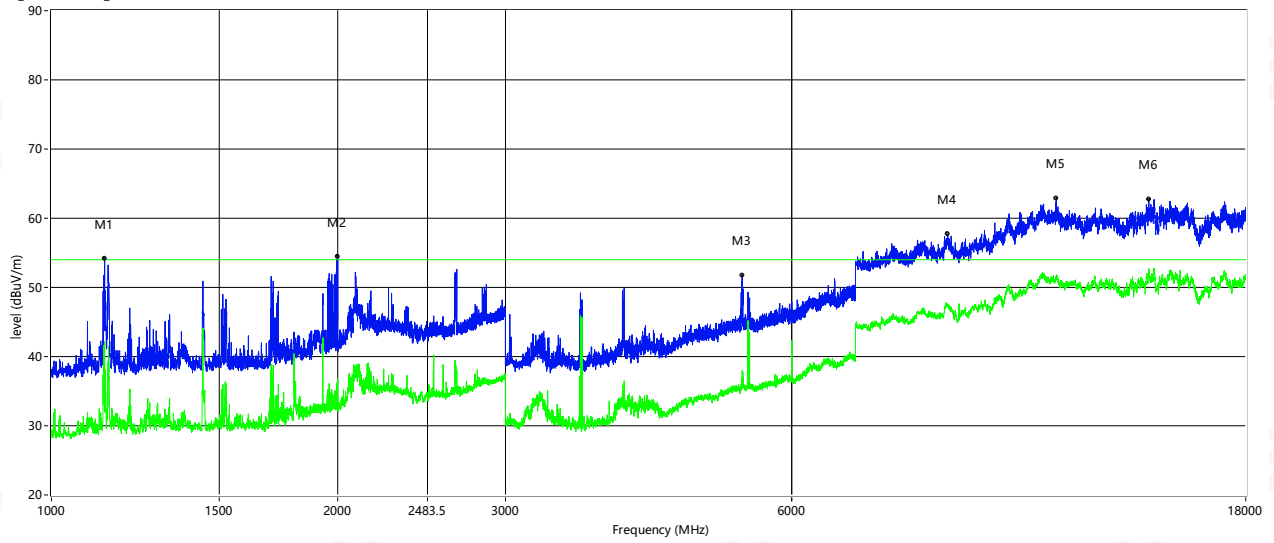


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1140.000	53.14	40.83	-1.40	74.0	54.0	-13.17	253.40	100	Horizontal	Pass
2084.500	52.82	39.33	3.49	74.0	54.0	-14.67	317.30	100	Horizontal	Pass
5417.000	48.12	42.66	-4.80	74.0	54.0	-11.34	348.60	100	Horizontal	Pass
10154.250	60.42	49.58	7.14	74.0	54.0	-4.42	41.80	100	Horizontal	Pass
11042.500	61.83	51.98	9.99	74.0	54.0	-2.02	335.50	100	Horizontal	Pass
14986.000	63.28	52.50	10.33	74.0	54.0	-1.50	4.20	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-18GHz



Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1137.500	54.18	42.21	-1.41	74.0	54.0	-11.79	205.50	100	Vertical	Pass
1999.000	54.46	36.83	1.48	74.0	54.0	-17.17	95.70	100	Vertical	Pass
5322.000	51.70	38.01	-4.95	74.0	54.0	-15.99	334.00	100	Vertical	Pass
8751.750	57.66	47.38	5.00	74.0	54.0	-6.62	331.20	100	Vertical	Pass
11380.750	62.80	51.82	9.70	74.0	54.0	-2.18	109.60	100	Vertical	Pass
14235.250	62.73	52.59	11.33	74.0	54.0	-1.41	323.80	100	Vertical	Pass



APENDIX BPHOTOS OF TEST SETUP

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

※※※※※ END OF THE REPORT ※※※※※