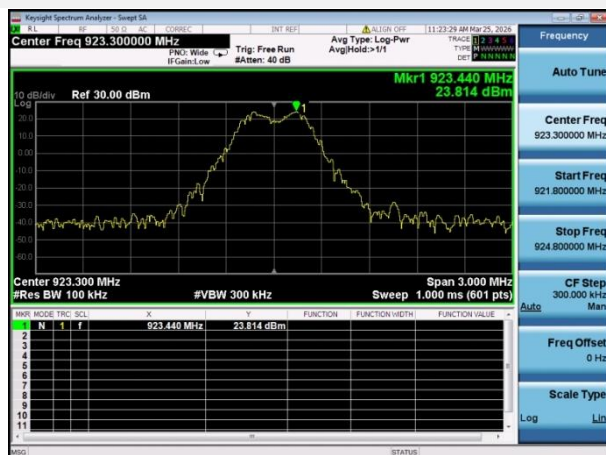
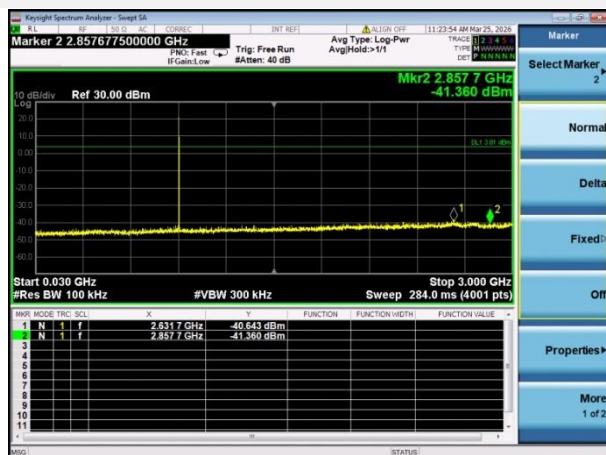


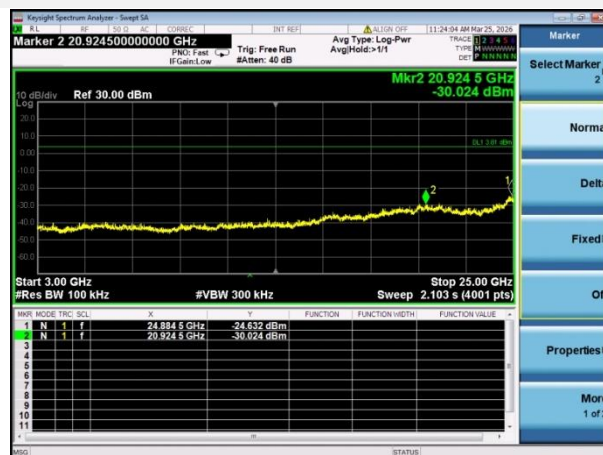
LORA (FSK-HS) LOW CHANNEL, CARRIER LEVEL



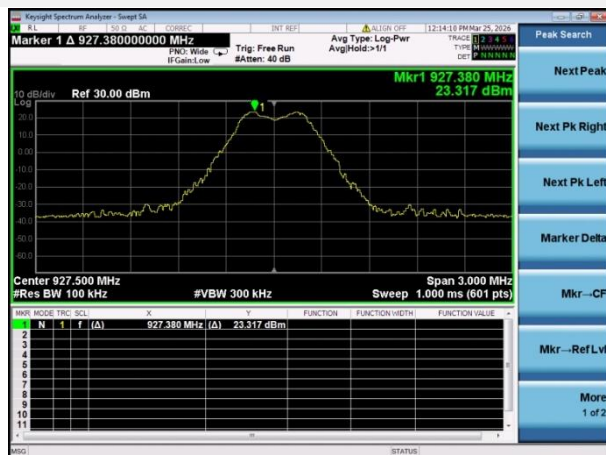
LORA (FSK-HS) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



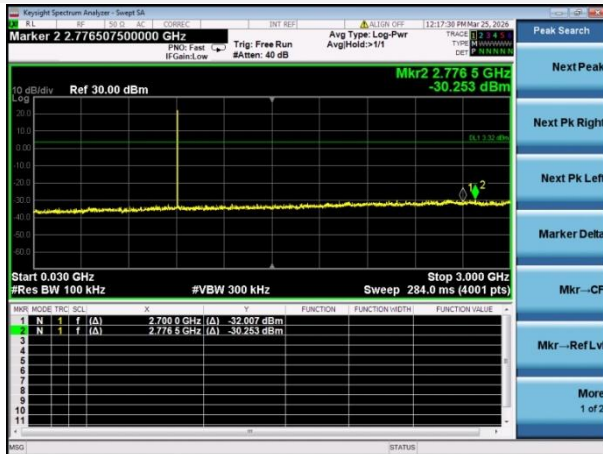
LORA (FSK-HS) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



LORA (FSK-HS) HIGH CHANNEL, CARRIER LEVEL



LORA (FSK-HS) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

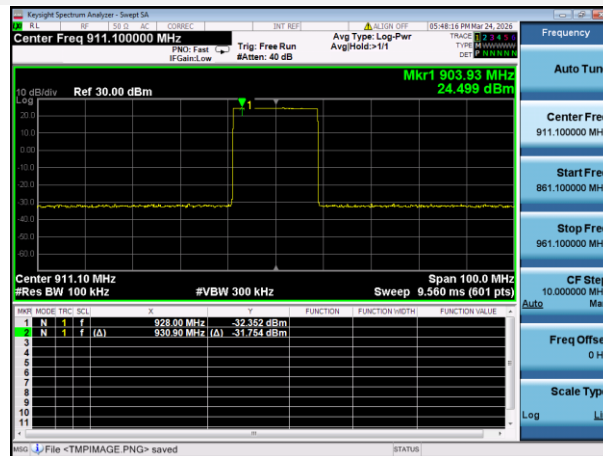


LORA (FSK-HS) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

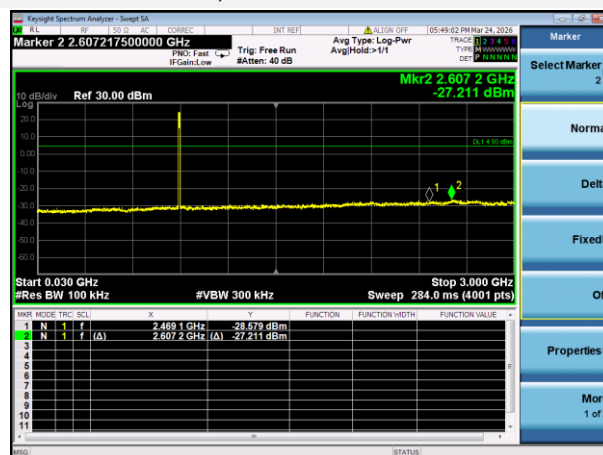


Hopping mode

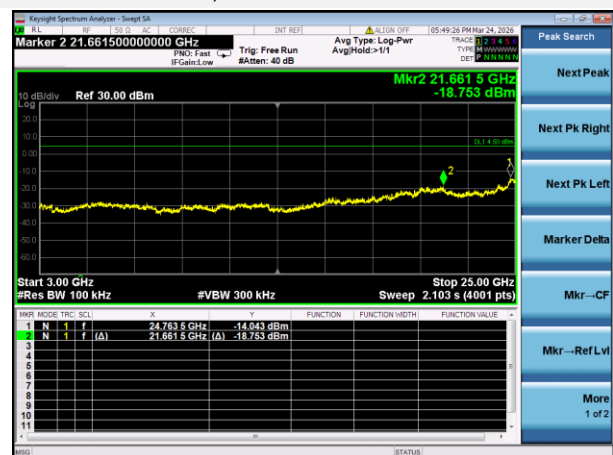
125K HOPPING, CARRIER LEVEL



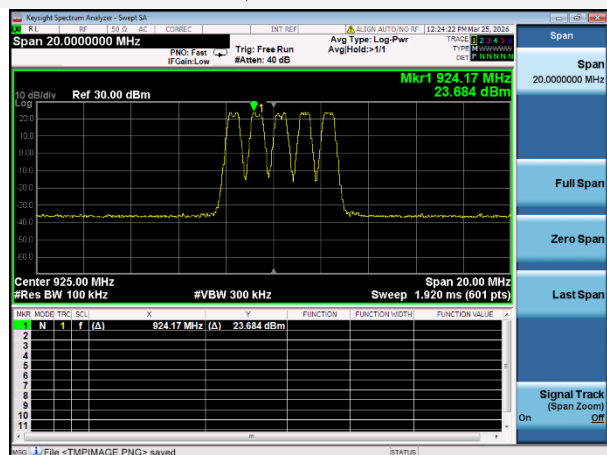
125K HOPPING, SPURIOUS 30 MHz ~ 3 GHz



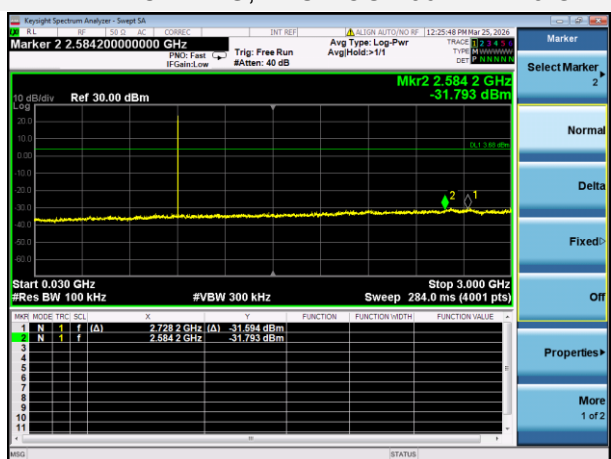
125K HOPPING, SPURIOUS 2 GHz ~ 25 GHz



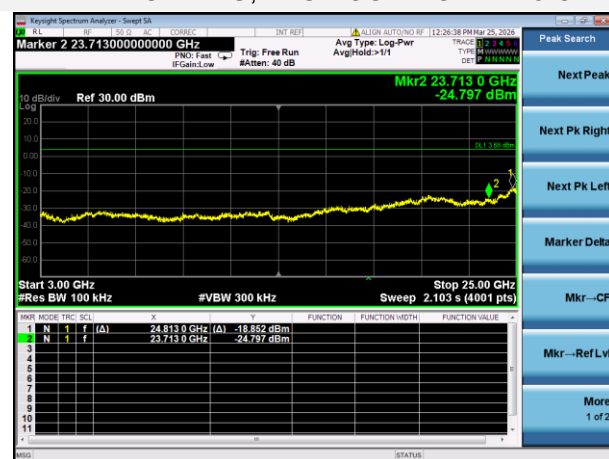
FSK-HS HOPPING, CARRIER LEVEL



FSK-HS HOPPING, SPURIOUS 30 MHz ~ 3 GHz



FSK-HS HOPPING, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

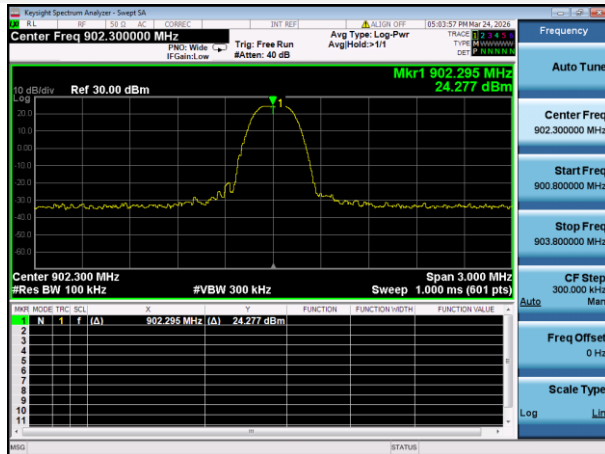
Note: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Test Data

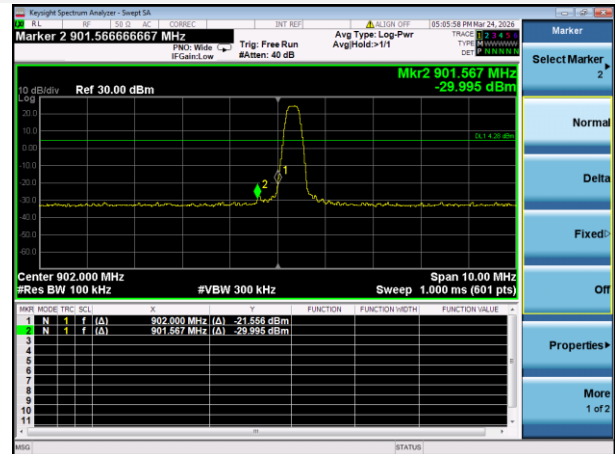
LORA (125K)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-21.56	24.28	4.28	Pass
High	-31.83	23.94	3.94	Pass
LORA (500K)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-32.97	17.45	-2.55	Pass
High	-53.06	17.65	-2.35	Pass
LORA (FSK-HS)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-43.91	23.81	3.81	Pass
High	-17.37	23.32	3.32	Pass
LORA (125K-HOPPING)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.94	24.50	4.50	Pass
High	-30.92	24.50	4.50	Pass
LORA (FSK-HS-HOPPING)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.77	23.68	3.68	Pass
High	-28.26	23.68	3.68	Pass

Test Plots

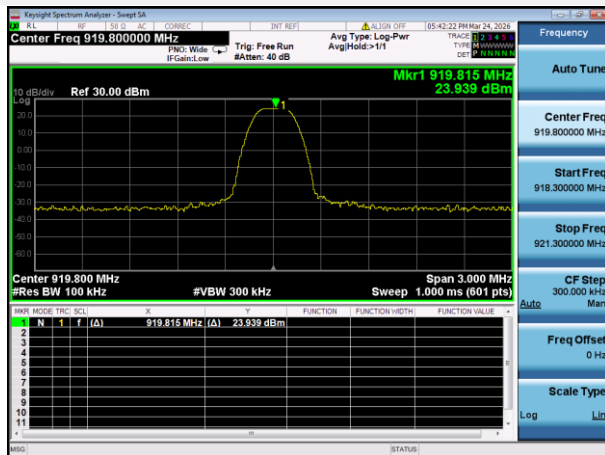
LORA (125K) LOW CHANNEL, CARRIER LEVEL



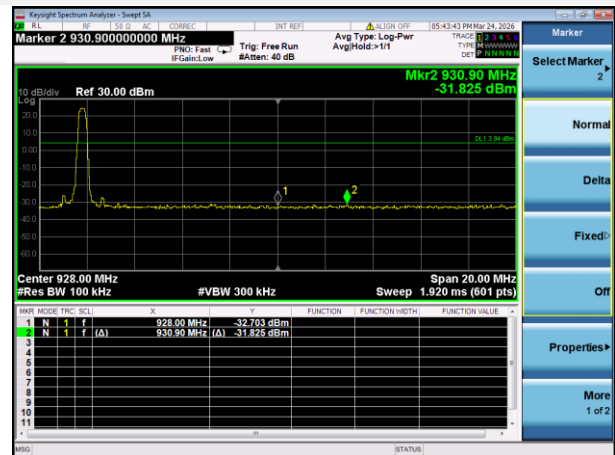
LORA (125K) LOW CHANNEL, BAND EDGE



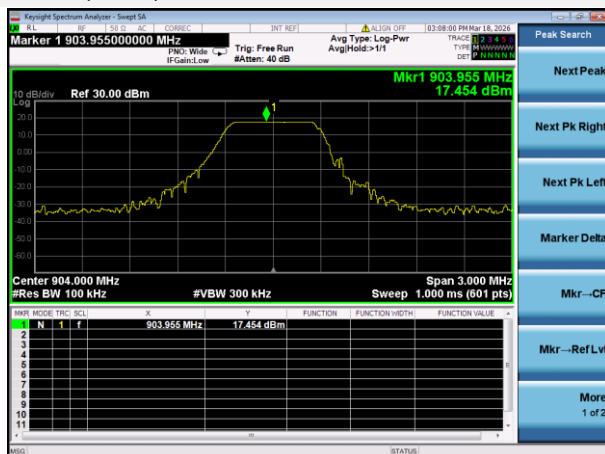
LORA (125K) HIGH CHANNEL, CARRIER LEVEL



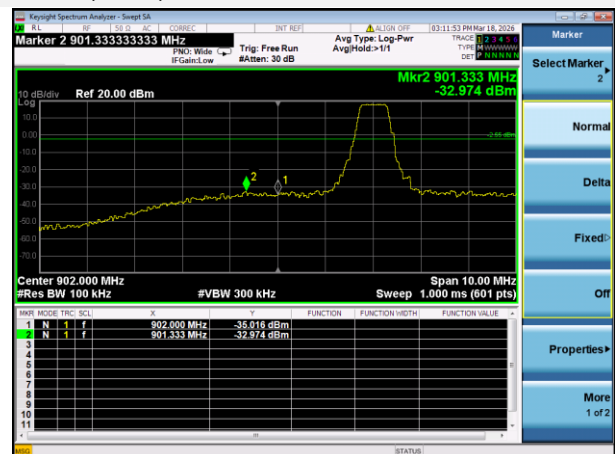
LORA (125K) HIGH CHANNEL, BAND EDGE



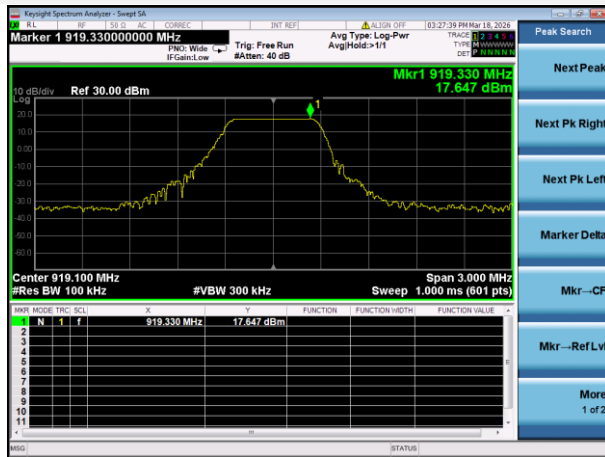
LORA (500K) LOW CHANNEL, CARRIER LEVEL



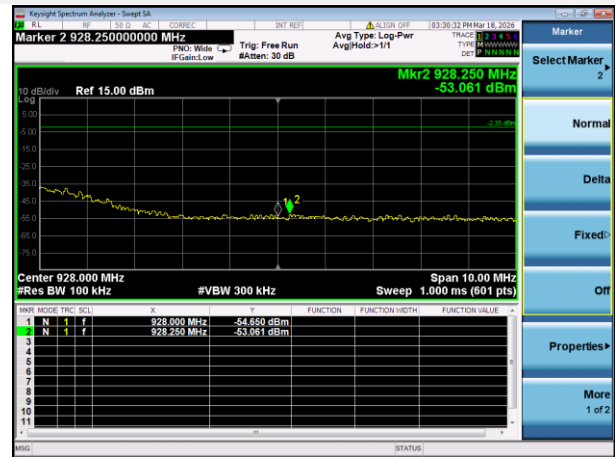
LORA (500K) LOW CHANNEL, BAND EDGE



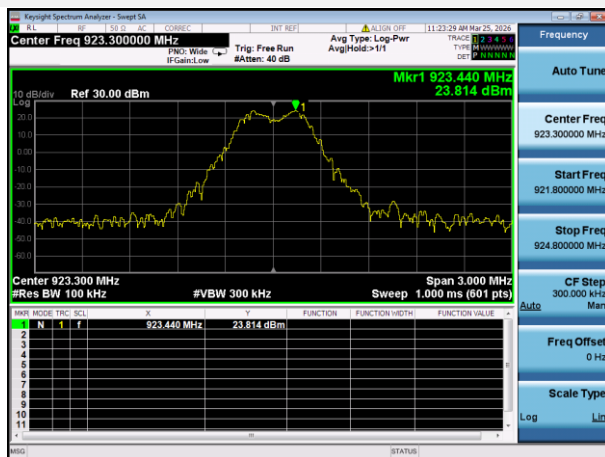
LORA (500K) HIGH CHANNEL, CARRIER LEVEL



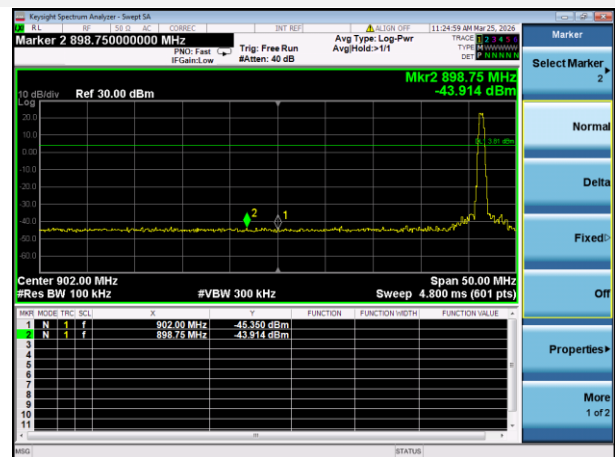
LORA (500K) HIGH CHANNEL, BAND EDGE



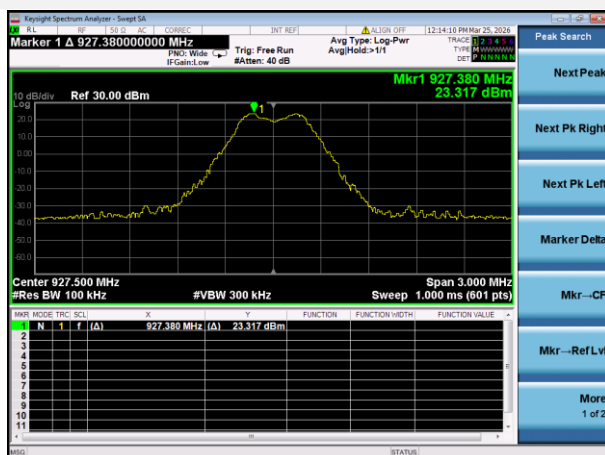
LORA (FSK-HS) LOW CHANNEL, CARRIER LEVEL



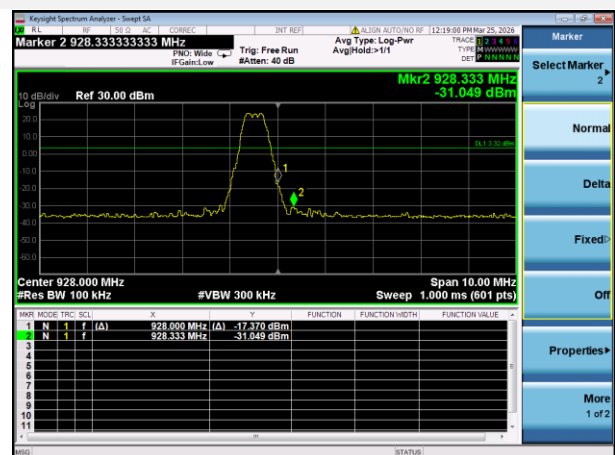
LORA (FSK-HS) LOW CHANNEL, BAND EDGE



LORA (FSK-HS) HIGH CHANNEL, CARRIER LEVEL

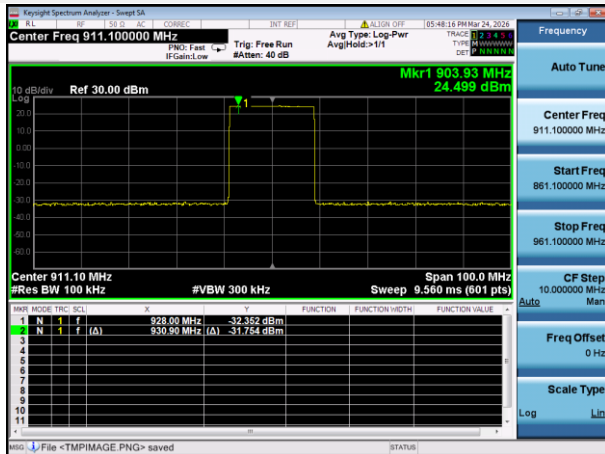


LORA (FSK-HS) HIGH CHANNEL, BAND EDGE

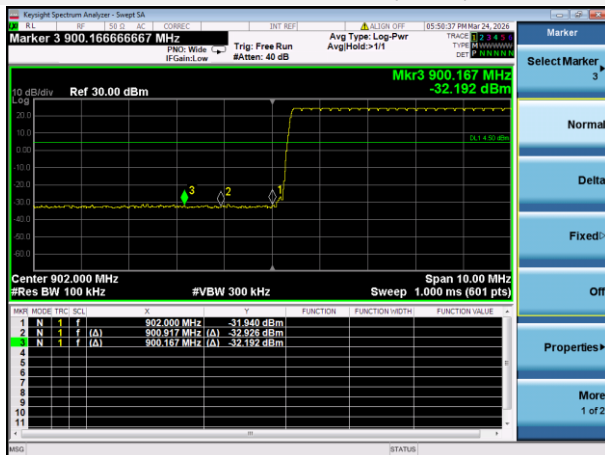


Hopping mode

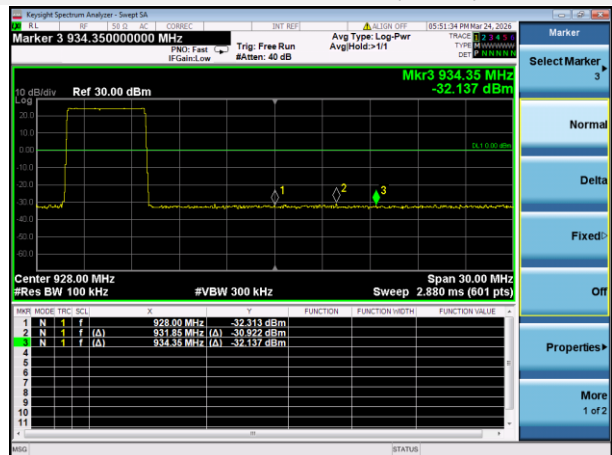
125K HOPPING, CARRIER LEVEL



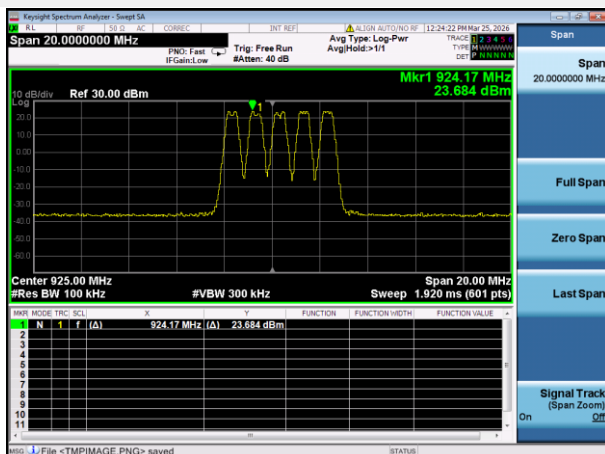
125K HOPPING BAND EDGE (LOW)



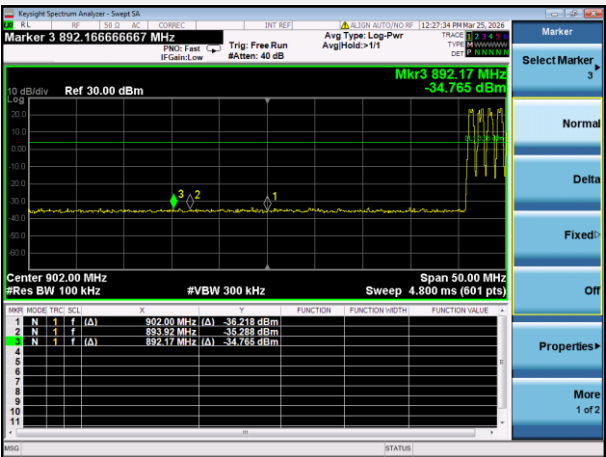
125K HOPPING BAND EDGE (HIGH)



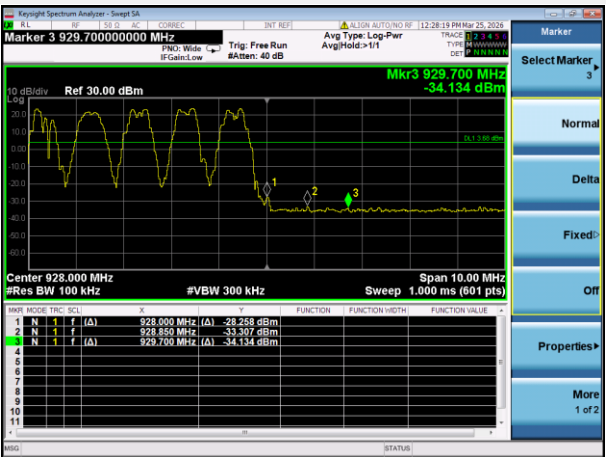
FSK-HS HOPPING, CARRIER LEVEL



FSK-HS HOPPING BAND EDGE (LOW)



FSK-HS HOPPING BAND EDGE (HIGH)



A.5 Conducted Emission

Note: Not applicable.

A.6 Radiated Spurious Emission

Note 1: The symbol of “--” in the table which means not application.

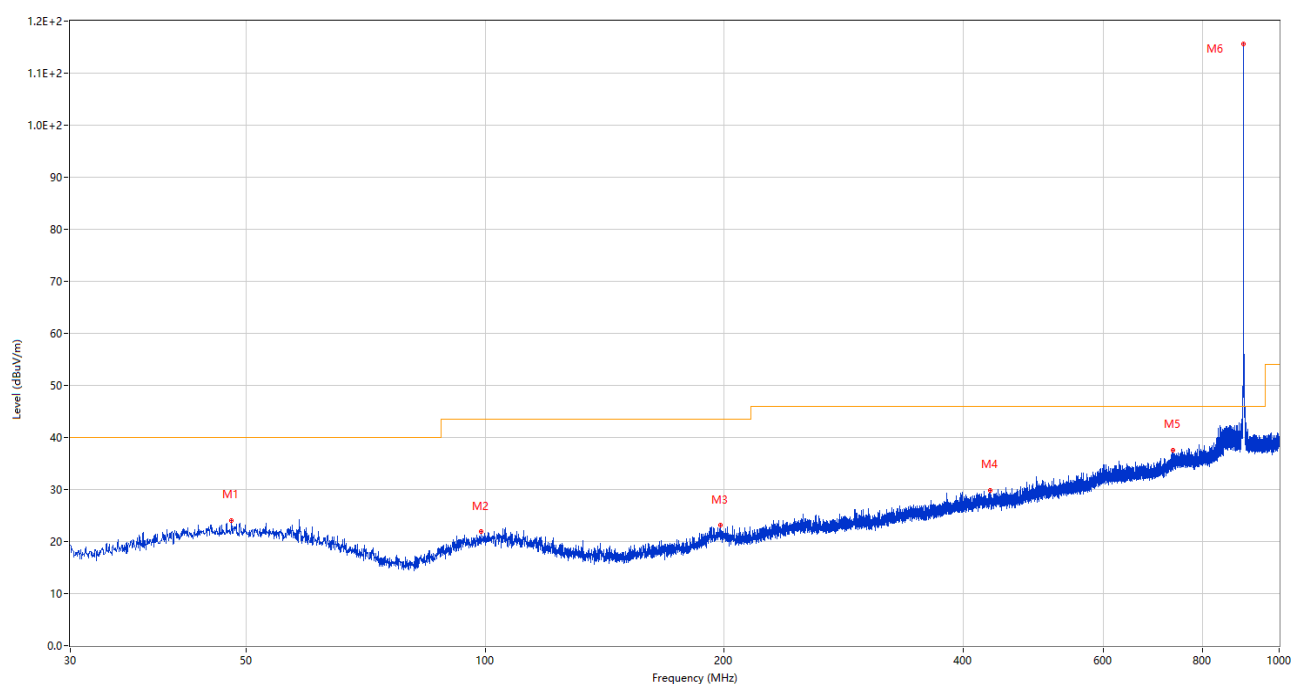
Note 2: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported

Note 4: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

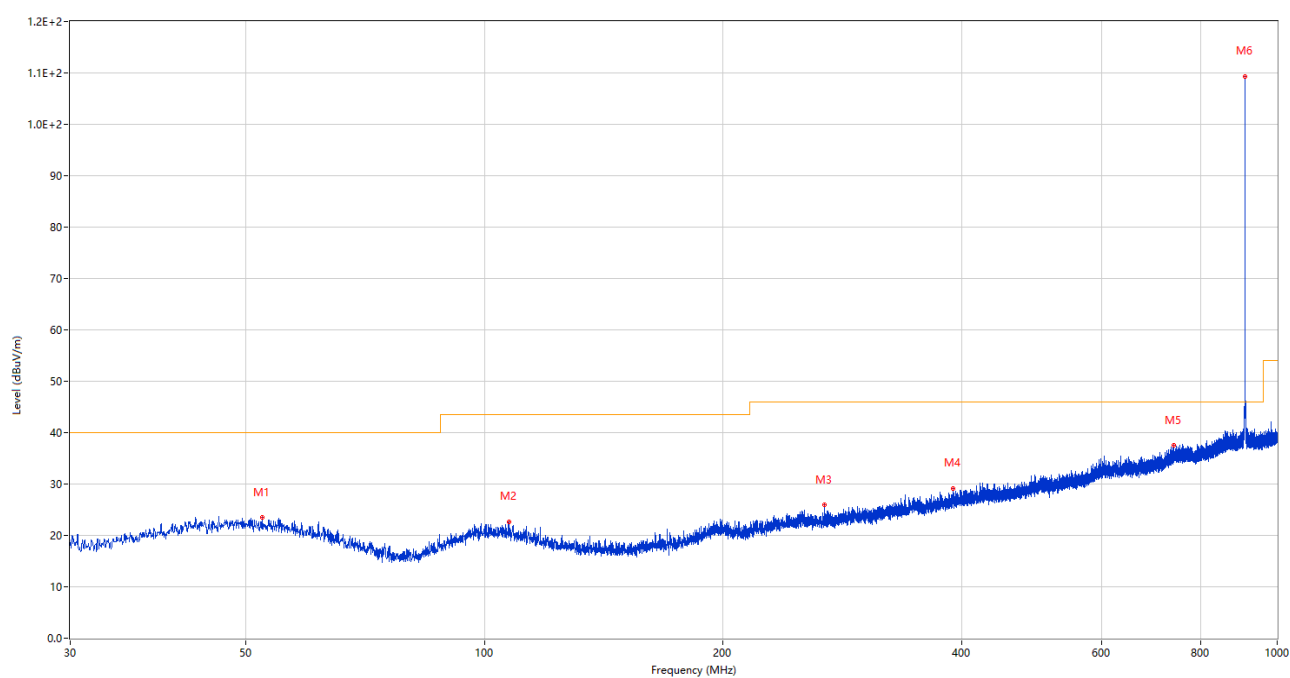
Test Data and Plots

LORA (125K) LOW CHANNEL, 30 MHz to 1 GHz, ANT H



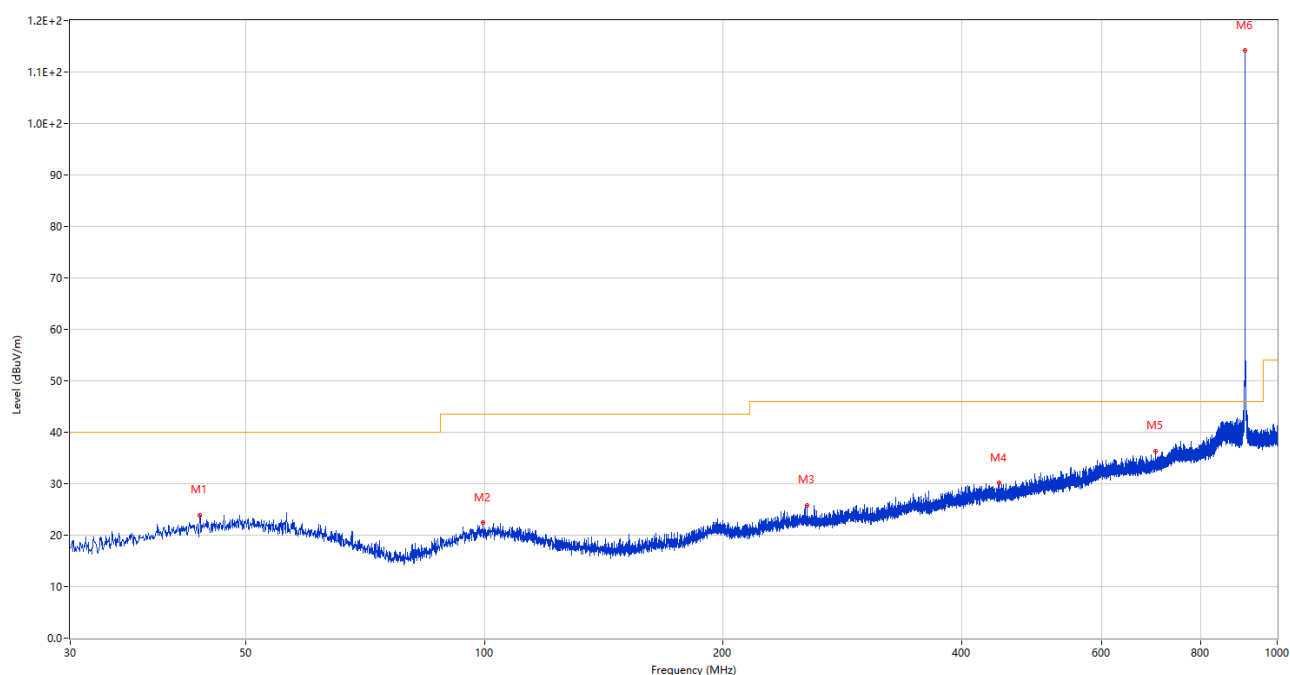
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.897	24.05	-14.53	40.0	15.95	Peak	360.00	100	Horizontal	Pass
2	98.725	21.86	-16.20	43.5	21.64	Peak	240.00	100	Horizontal	Pass
3	197.713	23.10	-15.61	43.5	20.40	Peak	224.00	200	Horizontal	Pass
4	432.114	29.87	-9.76	46.0	16.13	Peak	218.00	200	Horizontal	Pass
5	734.705	37.59	-2.48	46.0	8.41	Peak	5.00	200	Horizontal	Pass
6	902.224	115.61	0.82	46.0	-69.61	Peak	175.00	200	Horizontal	N/A

LORA (125K) LOW CHANNEL ,30 MHz to 1 GHz, ANT V



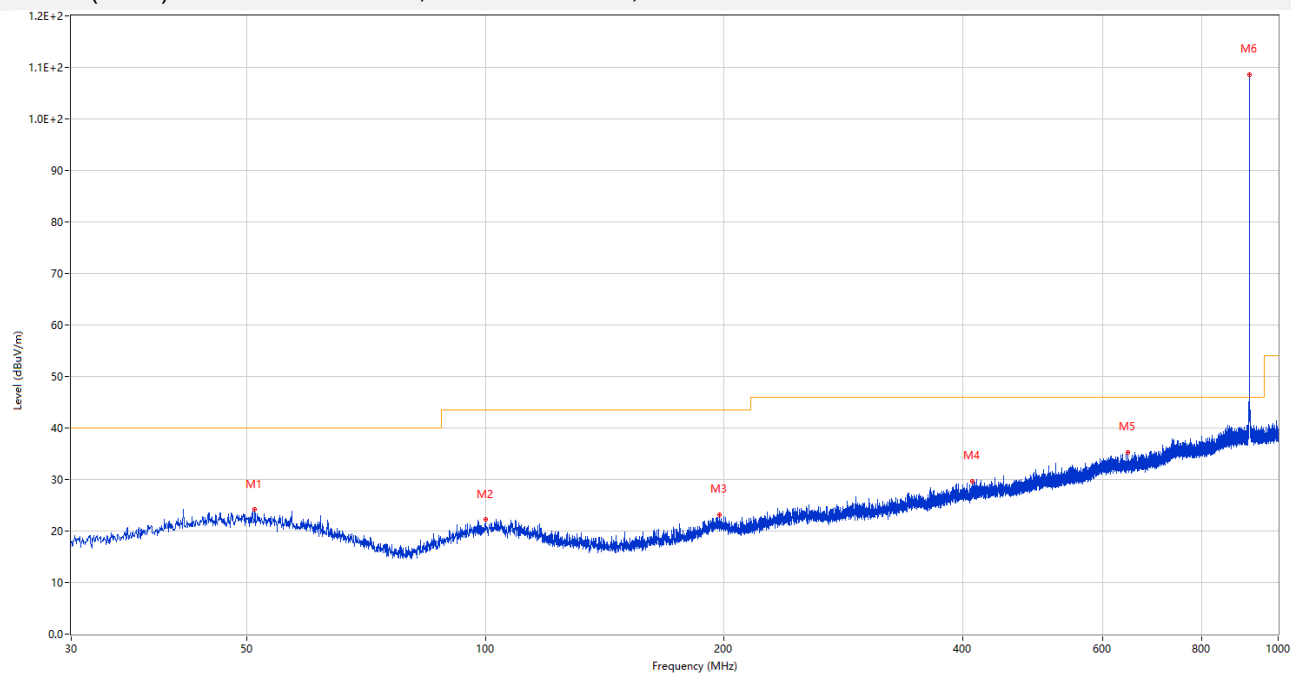
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.411	25.04	-14.54	40.0	14.96	Peak	347.00	200	Vertical	Pass
2	102.168	22.74	-16.09	43.5	20.76	Peak	199.00	200	Vertical	Pass
3	195.918	24.48	-15.50	43.5	19.02	Peak	322.00	200	Vertical	Pass
4	361.158	29.41	-11.80	46.0	16.59	Peak	303.00	200	Vertical	Pass
5	495.018	33.79	-8.19	46.0	12.21	Peak	5.00	200	Vertical	Pass
6	902.273	110.34	0.82	46.0	-64.34	Peak	74.00	200	Vertical	N/A

LORA (125K) MIDDLE CHANNEL,30 MHz to 1 GHz, ANT H



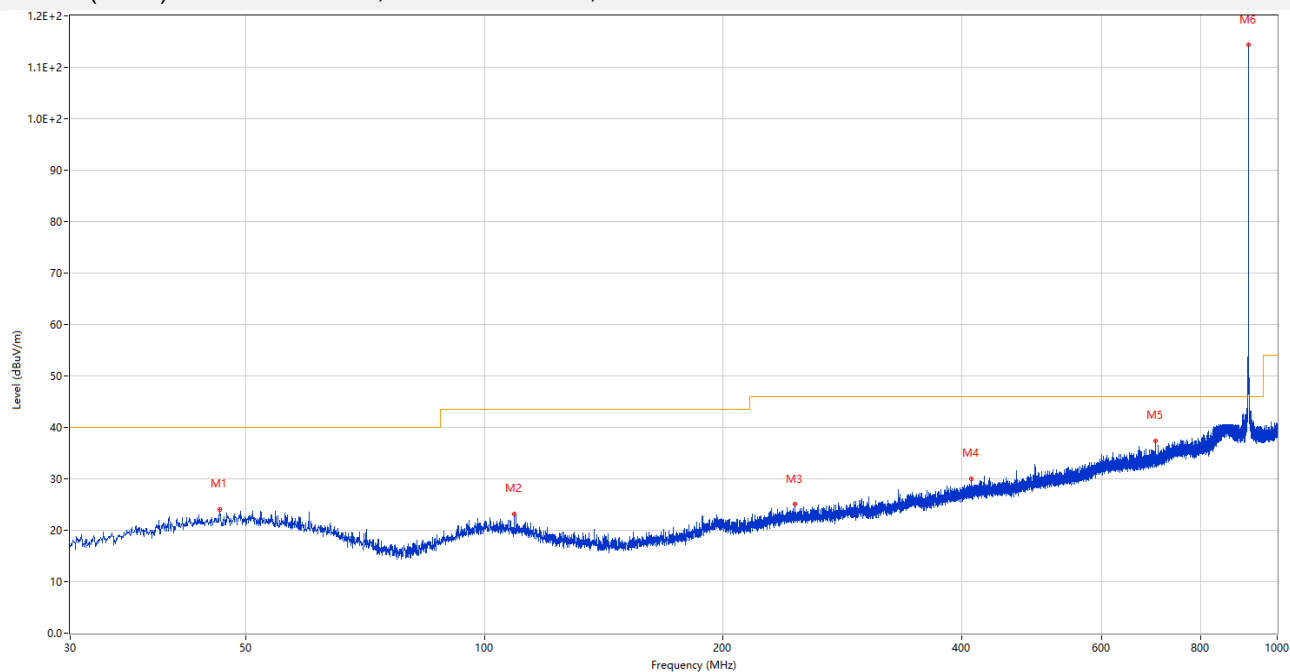
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.897	24.05	-14.53	40.0	15.95	Peak	360.00	100	Horizontal	Pass
2	98.725	21.86	-16.20	43.5	21.64	Peak	240.00	100	Horizontal	Pass
3	197.713	23.10	-15.61	43.5	20.40	Peak	224.00	200	Horizontal	Pass
4	432.114	29.87	-9.76	46.0	16.13	Peak	218.00	200	Horizontal	Pass
5	734.705	37.59	-2.48	46.0	8.41	Peak	5.00	200	Horizontal	Pass
6	902.224	115.61	0.82	46.0	-69.61	Peak	175.00	200	Horizontal	N/A

LORA (125K) MIDDLE CHANNEL ,30 MHz to 1 GHz, ANT V



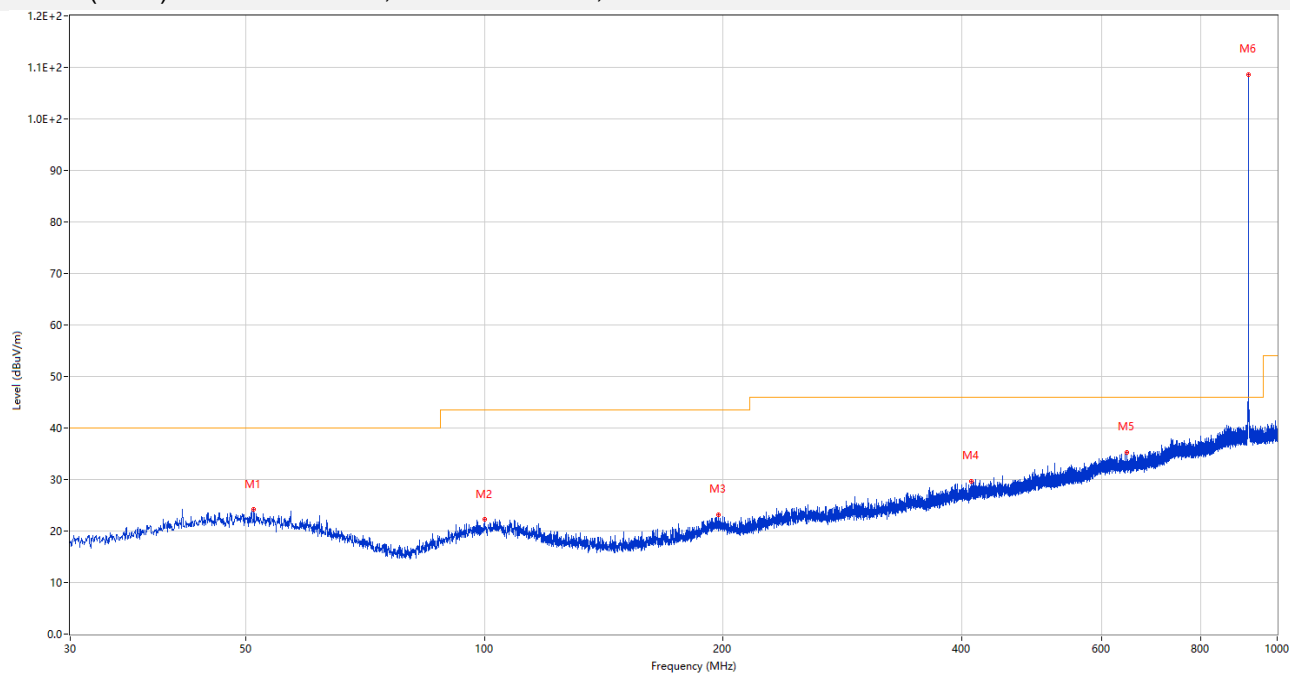
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.407	23.47	-14.72	40.0	16.53	Peak	128.00	100	Vertical	Pass
2	107.406	22.65	-16.37	43.5	20.85	Peak	11.00	100	Vertical	Pass
3	268.280	25.99	-14.08	46.0	20.01	Peak	103.00	200	Vertical	Pass
4	390.258	29.16	-10.60	46.0	16.84	Peak	272.00	200	Vertical	Pass
5	739.798	37.46	-2.17	46.0	8.54	Peak	200.00	200	Vertical	Pass
6	911.099	109.36	0.77	46.0	-63.36	Peak	66.00	200	Vertical	N/A

LORA (125K) HIGH CHANNEL, 30 MHz to 1 GHz, ANT H



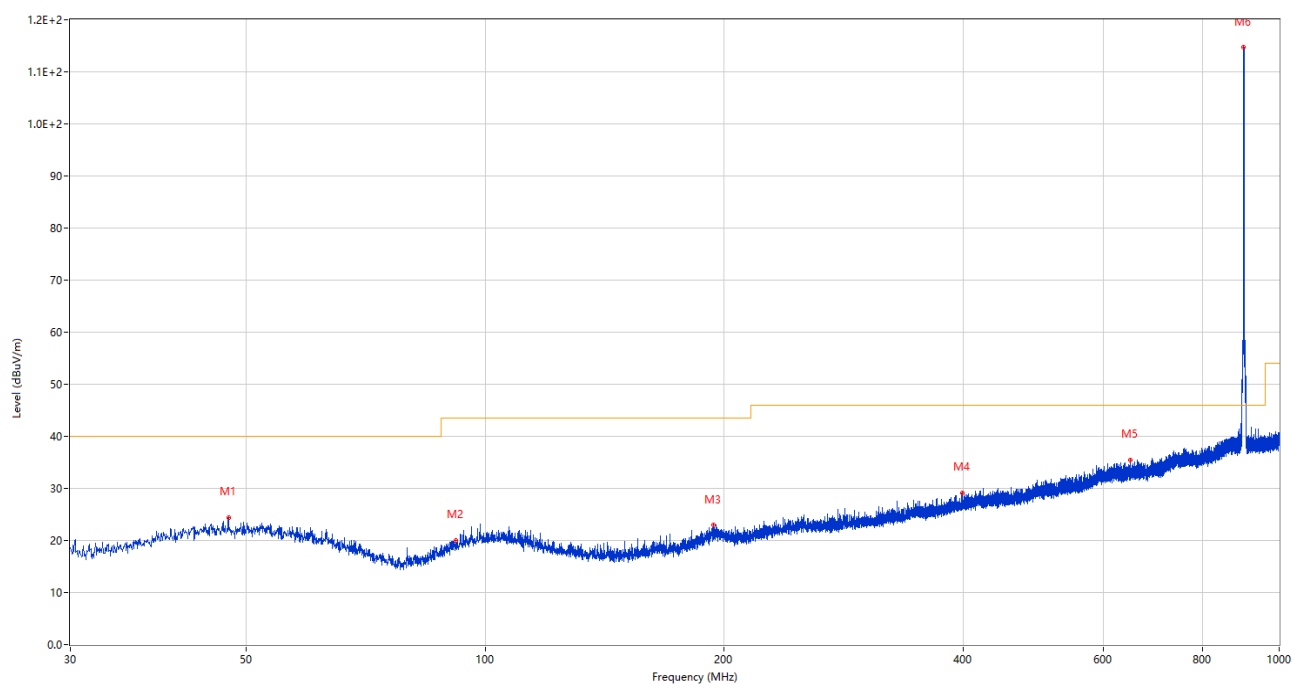
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.725	23.94	-14.96	40.0	16.06	Peak	13.00	100	Horizontal	Pass
2	99.501	22.40	-16.12	43.5	21.10	Peak	346.00	200	Horizontal	Pass
3	255.331	25.79	-14.07	46.0	20.21	Peak	10.00	100	Horizontal	Pass
4	445.354	30.16	-9.50	46.0	15.84	Peak	216.00	200	Horizontal	Pass
5	701.919	36.28	-3.75	46.0	9.72	Peak	100.00	100	Horizontal	Pass
6	911.051	114.13	0.76	46.0	-68.13	Peak	167.00	100	Horizontal	N/A

LORA (125K) HIGH CHANNEL ,30 MHz to 1 GHz, ANT V



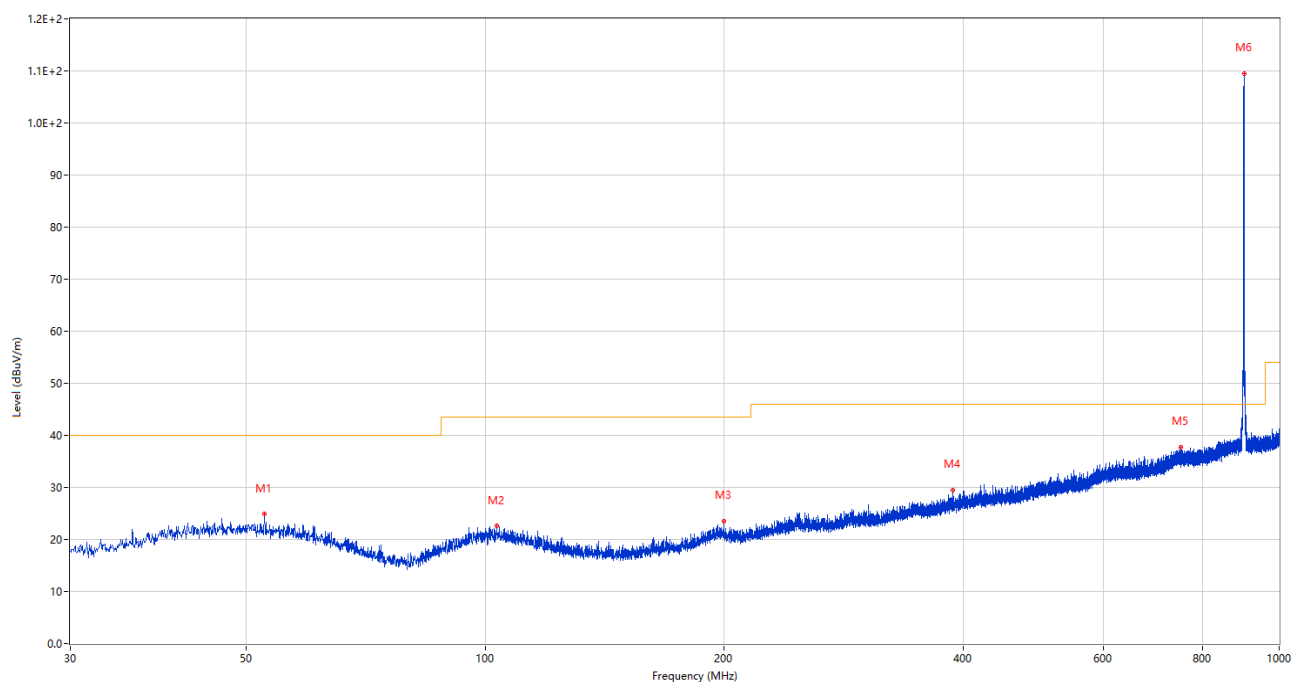
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.146	24.18	-14.62	40.0	15.82	Peak	62.00	200	Vertical	Pass
2	99.937	22.25	-16.12	43.5	21.25	Peak	196.00	200	Vertical	Pass
3	197.083	23.23	-15.56	43.5	20.27	Peak	37.00	200	Vertical	Pass
4	411.550	29.67	-10.16	46.0	16.33	Peak	328.00	100	Vertical	Pass
5	646.289	35.35	-4.48	46.0	10.65	Peak	260.00	200	Vertical	Pass
6	919.781	108.60	0.82	46.0	-62.60	Peak	74.00	200	Vertical	N/A

LORA (500K) LOW CHANNEL, 30 MHz to 1 GHz, ANT H



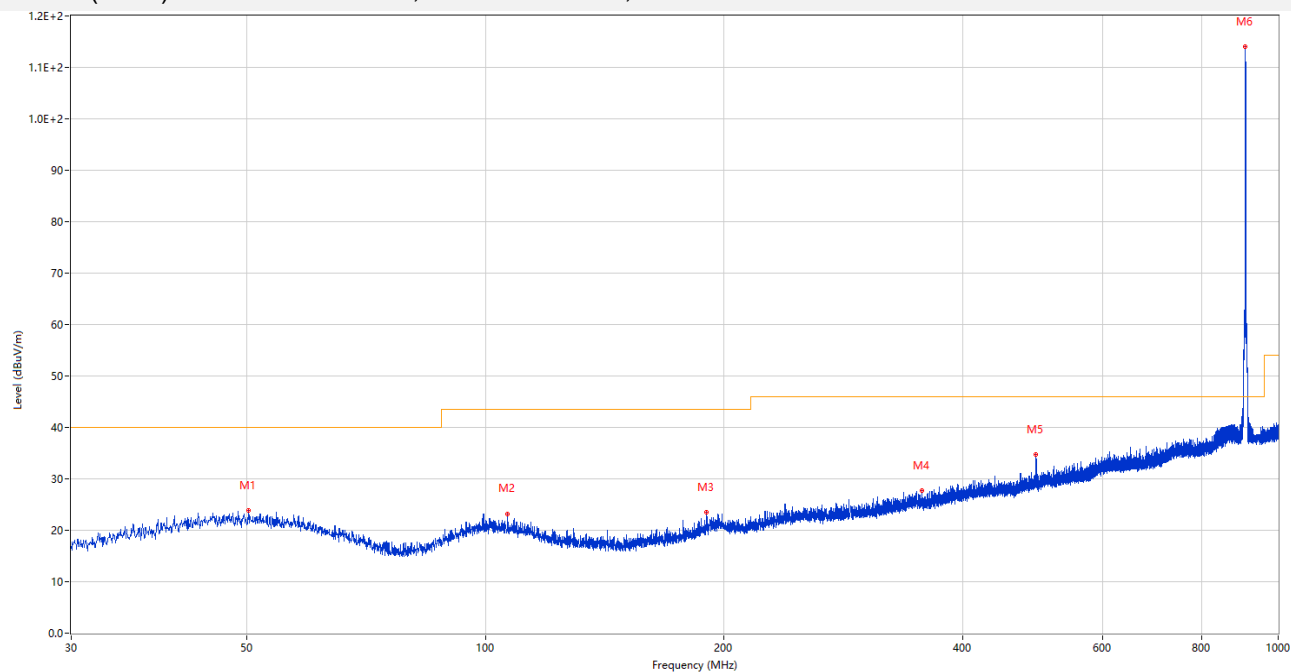
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.460	24.45	-14.54	40.0	15.55	Peak	5.00	100	Horizontal	Pass
2	91.789	20.06	-17.53	43.5	23.44	Peak	21.00	100	Horizontal	Pass
3	194.027	22.93	-15.70	43.5	20.57	Peak	0.00	200	Horizontal	Pass
4	398.454	29.20	-10.45	46.0	16.80	Peak	318.00	200	Horizontal	Pass
5	649.733	35.43	-4.43	46.0	10.57	Peak	88.00	100	Horizontal	Pass
6	902.806	114.74	0.80	46.0	-68.74	Peak	158.00	200	Horizontal	N/A

LORA (500K) LOW CHANNEL ,30 MHz to 1 GHz, ANT V



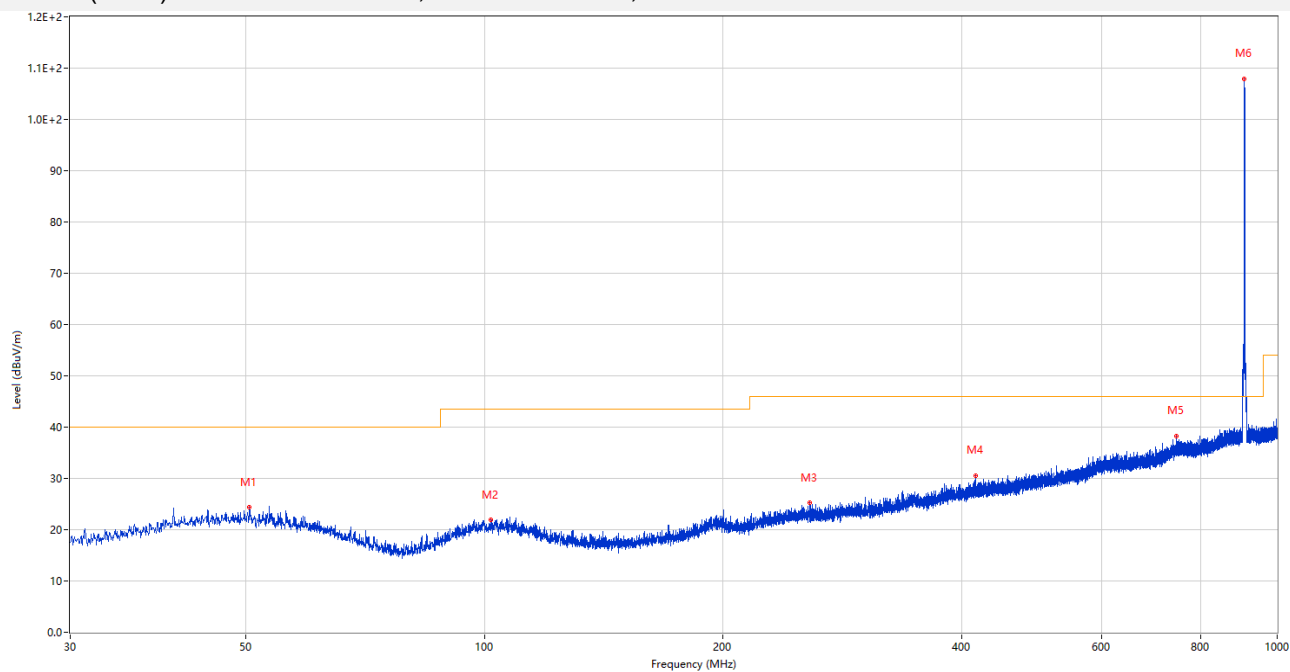
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.650	24.86	-14.75	40.0	15.14	Peak	335.00	200	Vertical	Pass
2	103.381	22.58	-16.10	43.5	20.92	Peak	358.00	100	Vertical	Pass
3	199.702	23.54	-15.75	43.5	19.96	Peak	360.00	100	Vertical	Pass
4	388.318	29.50	-10.67	46.0	16.50	Peak	328.00	200	Vertical	Pass
5	752.117	37.79	-2.00	46.0	8.21	Peak	15.00	100	Vertical	Pass
6	903.049	109.52	0.80	46.0	-63.52	Peak	62.00	200	Vertical	N/A

LORA (500K) MIDDLE CHANNEL,30 MHz to 1 GHz, ANT H



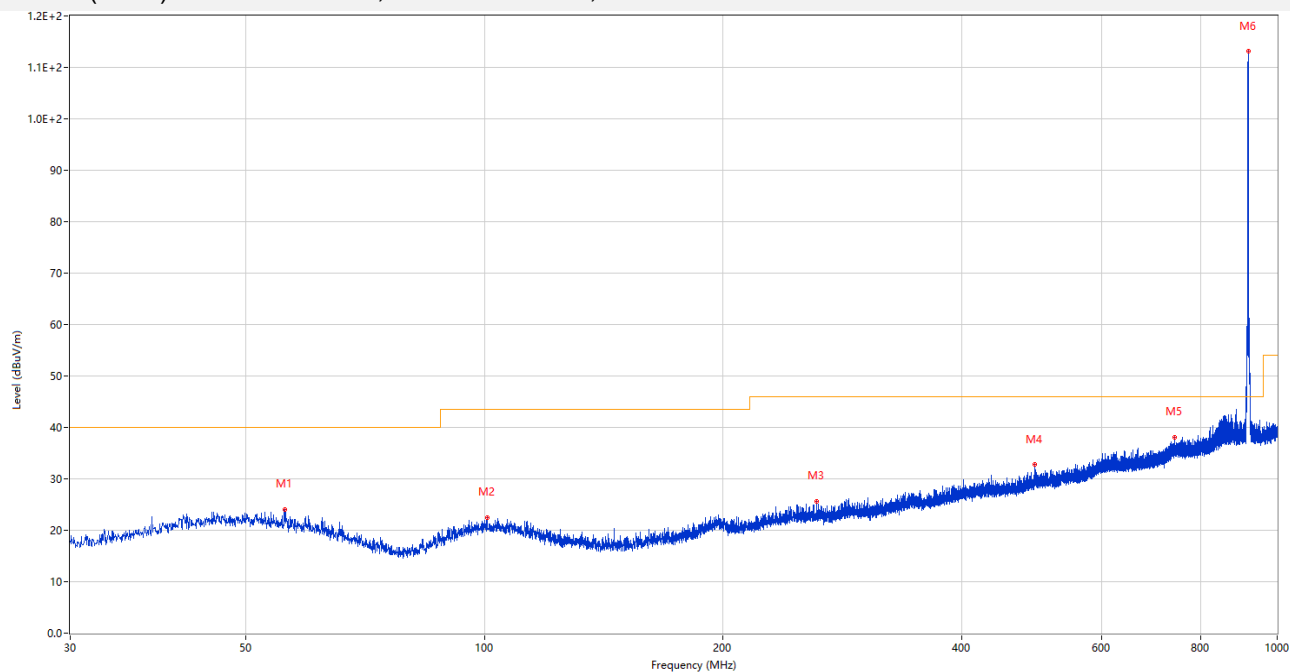
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.224	23.83	-14.52	40.0	16.17	Peak	93.00	100	Horizontal	Pass
2	106.630	23.24	-16.35	43.5	20.26	Peak	357.00	100	Horizontal	Pass
3	190.147	23.49	-16.37	43.5	20.01	Peak	346.00	200	Horizontal	Pass
4	354.853	27.64	-11.67	46.0	18.36	Peak	175.00	100	Horizontal	Pass
5	495.018	34.69	-8.19	46.0	11.31	Peak	83.00	200	Horizontal	Pass
6	909.450	114.02	0.78	46.0	-68.02	Peak	162.00	200	Horizontal	N/A

LORA (500K) MIDDLE CHANNEL ,30 MHz to 1 GHz, ANT V



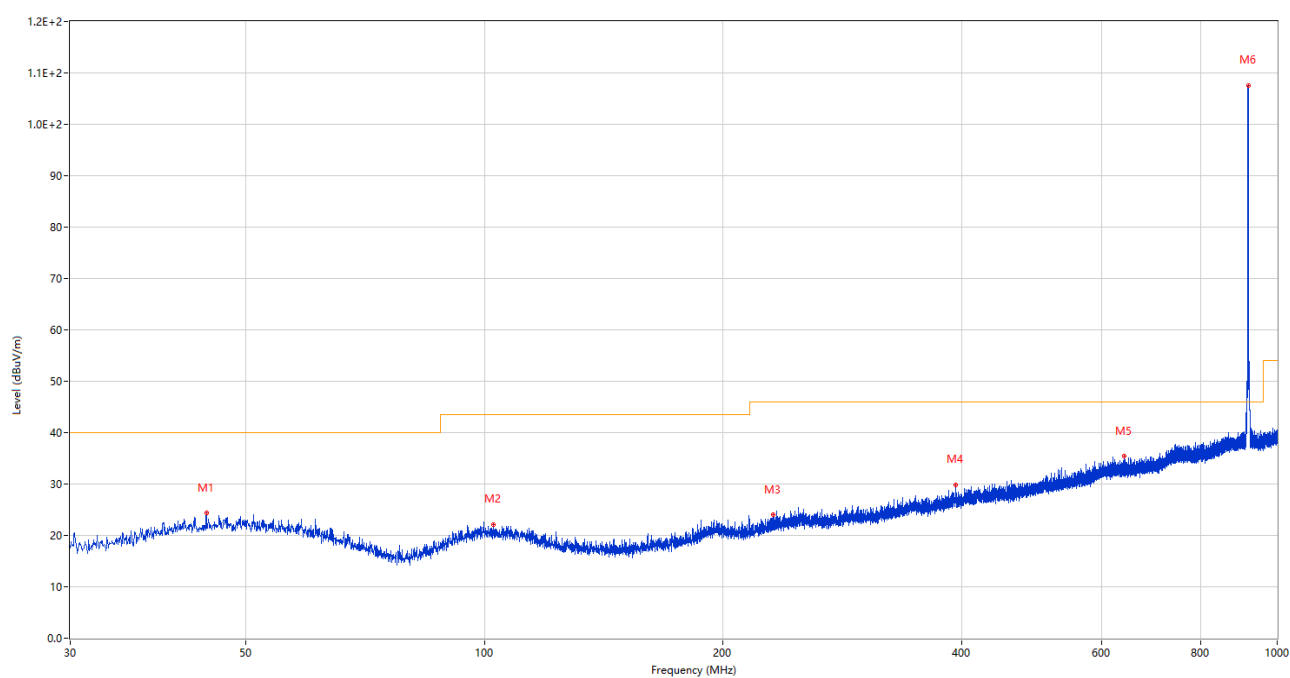
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.516	24.30	-14.55	40.0	15.70	Peak	343.00	100	Vertical	Pass
2	101.780	21.88	-16.11	43.5	21.62	Peak	9.00	200	Vertical	Pass
3	257.077	25.18	-14.08	46.0	20.82	Peak	286.00	200	Vertical	Pass
4	416.836	30.58	-9.93	46.0	15.42	Peak	172.00	100	Vertical	Pass
5	746.151	38.28	-1.98	46.0	7.72	Peak	282.00	100	Vertical	Pass
6	909.208	107.85	0.78	46.0	-61.85	Peak	38.00	200	Vertical	N/A

LORA (500K) HIGH CHANNEL,30 MHz to 1 GHz, ANT H



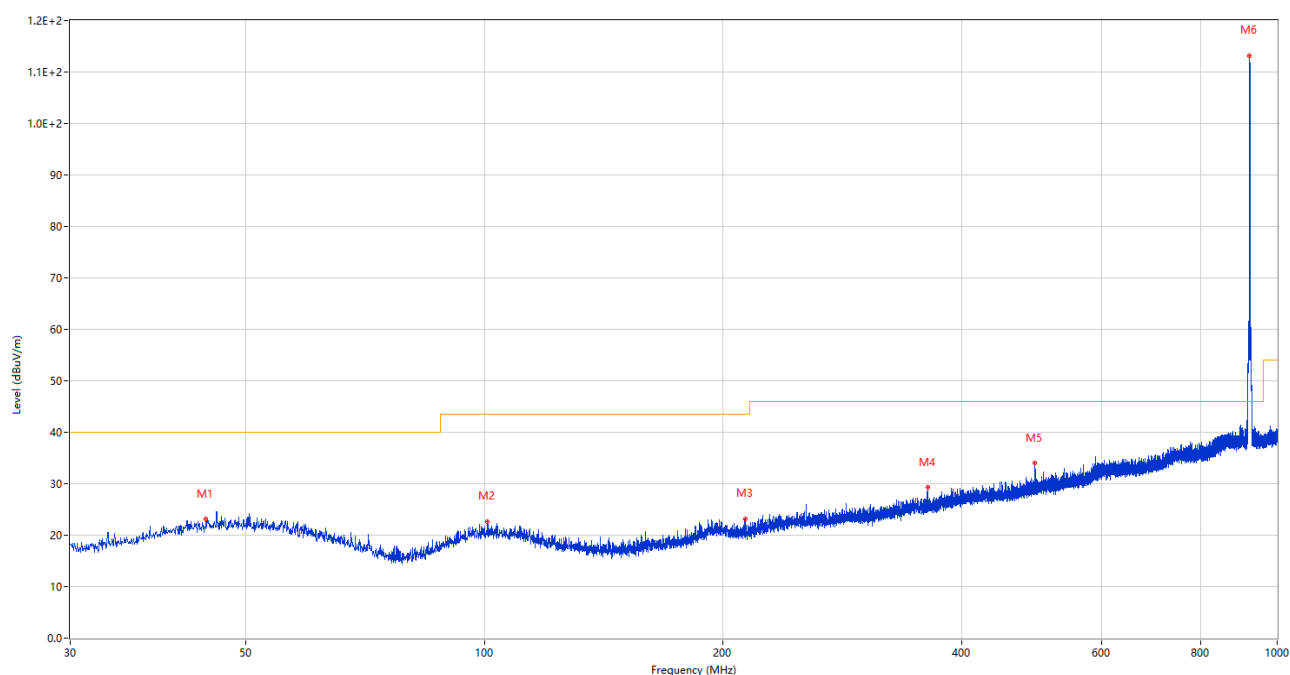
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.899	24.05	-15.19	40.0	15.95	Peak	0.00	200	Horizontal	Pass
2	100.713	22.47	-16.08	43.5	21.03	Peak	353.00	100	Horizontal	Pass
3	262.169	25.65	-14.12	46.0	20.35	Peak	127.00	100	Horizontal	Pass
4	494.970	32.76	-8.19	46.0	13.24	Peak	139.00	100	Horizontal	Pass
5	741.980	38.13	-2.06	46.0	7.87	Peak	223.00	200	Horizontal	Pass
6	919.247	113.16	0.79	46.0	-67.16	Peak	150.00	200	Horizontal	N/A

LORA (500K) HIGH CHANNEL ,30 MHz to 1 GHz, ANT V



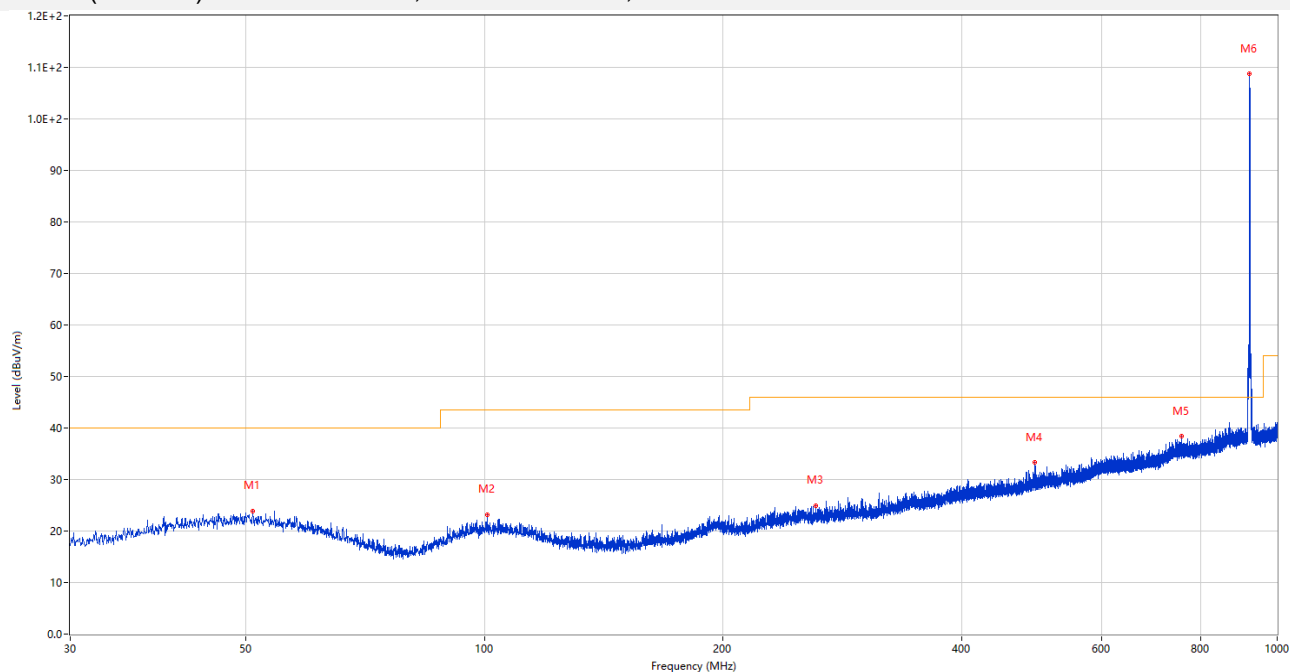
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.550	24.38	-14.81	40.0	15.62	Peak	236.00	200	Vertical	Pass
2	102.507	22.19	-16.10	43.5	21.31	Peak	305.00	100	Vertical	Pass
3	230.984	24.01	-14.91	46.0	21.99	Peak	224.00	200	Vertical	Pass
4	393.265	29.87	-10.54	46.0	16.13	Peak	243.00	100	Vertical	Pass
5	641.246	35.36	-4.51	46.0	10.64	Peak	360.00	100	Vertical	Pass
6	919.005	107.58	0.80	46.0	-61.58	Peak	56.00	200	Vertical	N/A

LORA (FSK-HS) LOW CHANNEL, 30 MHz to 1 GHz, ANT H



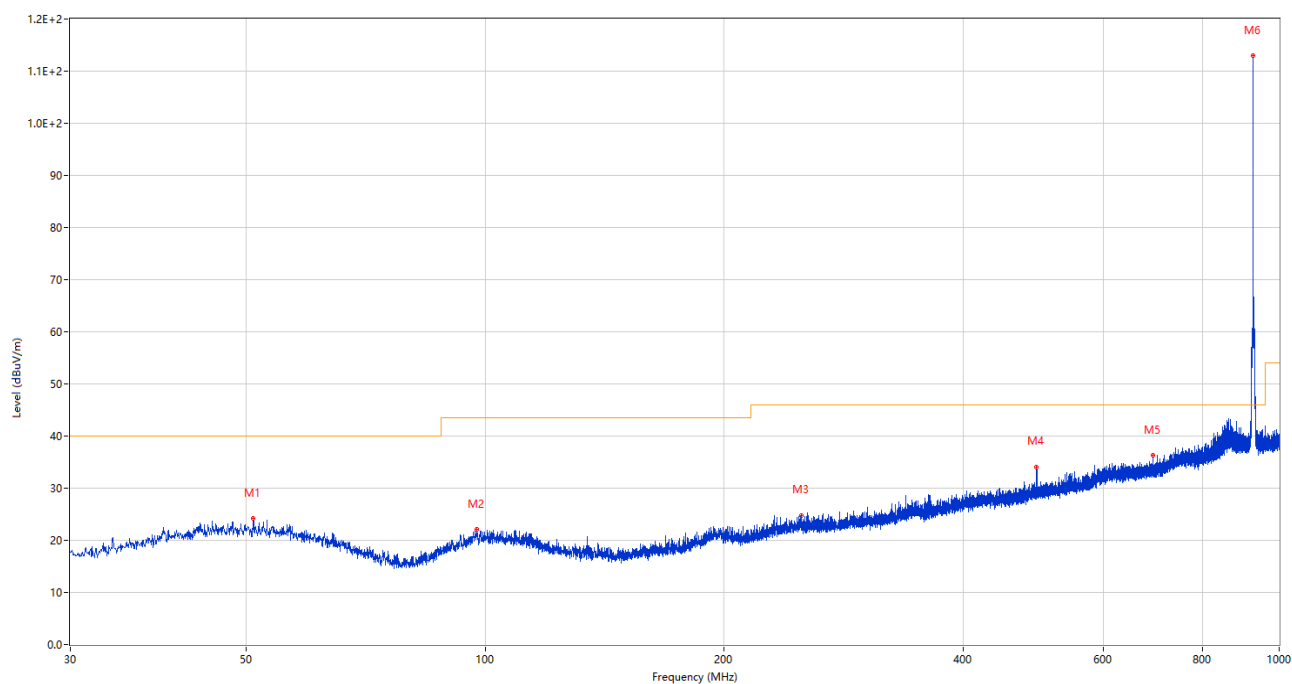
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.502	23.08	-14.82	40.0	16.92	Peak	61.00	100	Horizontal	Pass
2	100.907	22.64	-16.08	43.5	20.86	Peak	360.00	100	Horizontal	Pass
3	213.330	23.22	-16.30	43.5	20.28	Peak	104.00	100	Horizontal	Pass
4	362.565	29.24	-11.73	46.0	16.76	Peak	1.00	100	Horizontal	Pass
5	494.970	34.03	-8.19	46.0	11.97	Peak	236.00	200	Horizontal	Pass
6	923.273	113.21	0.94	46.0	-67.21	Peak	26.00	100	Horizontal	N/A

LORA (FSK-HS) LOW CHANNEL ,30 MHz to 1 GHz, ANT V



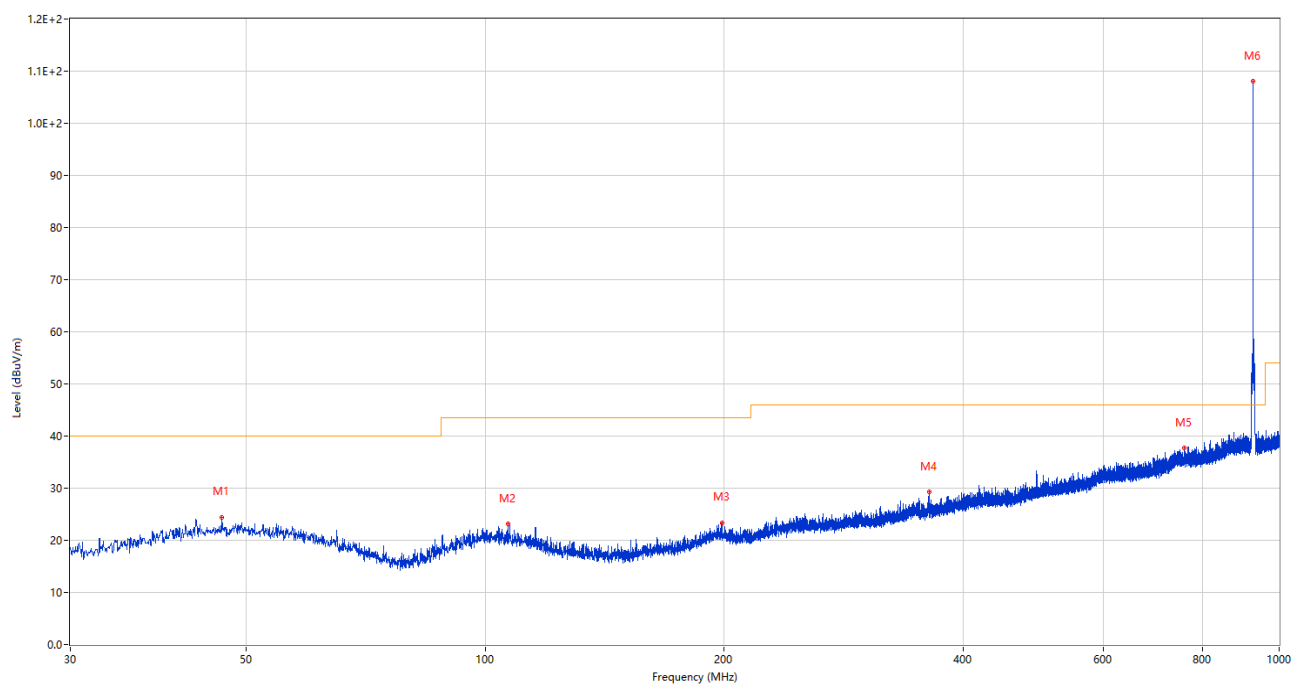
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.952	23.93	-14.59	40.0	16.07	Peak	75.00	100	Vertical	Pass
2	100.810	23.21	-16.08	43.5	20.29	Peak	282.00	100	Vertical	Pass
3	261.539	24.98	-14.13	46.0	21.02	Peak	94.00	100	Vertical	Pass
4	494.970	33.36	-8.19	46.0	12.64	Peak	360.00	100	Vertical	Pass
5	757.646	38.35	-1.99	46.0	7.65	Peak	360.00	100	Vertical	Pass
6	923.225	108.77	0.93	46.0	-62.77	Peak	66.00	200	Vertical	N/A

LORA (FSK-HS) HIGH CHANNEL,30 MHz to 1 GHz, ANT H



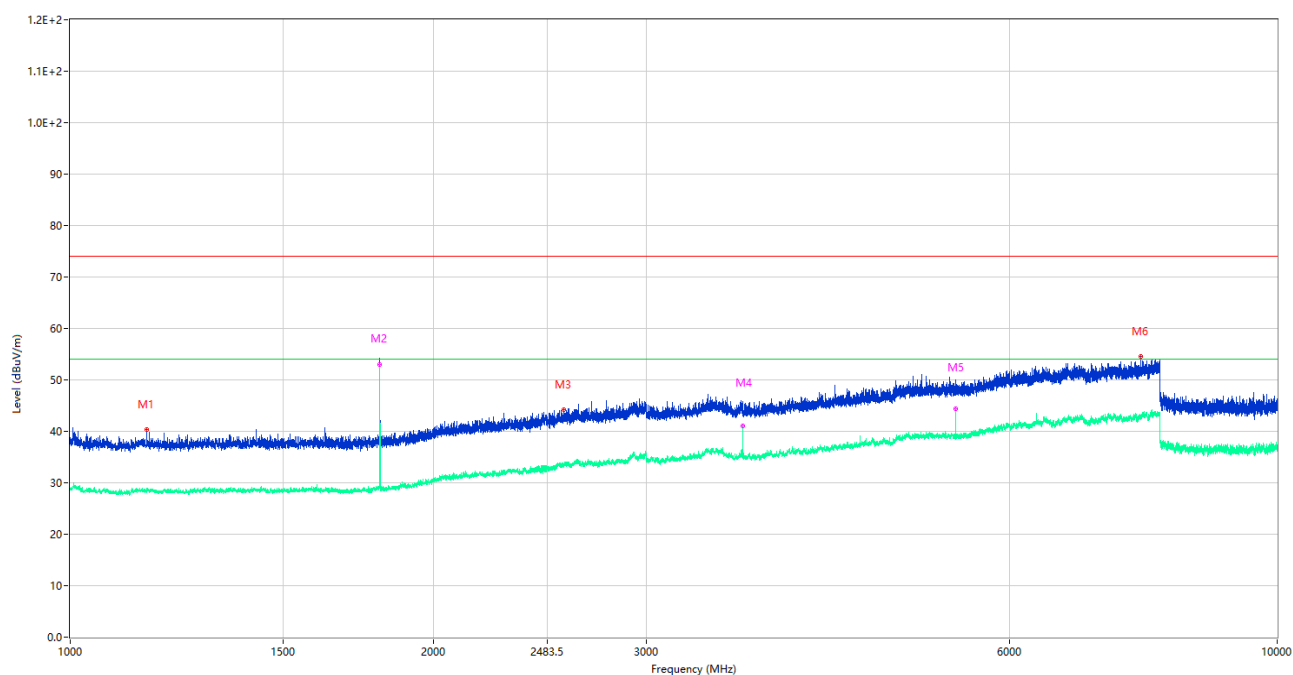
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.001	24.14	-14.60	40.0	15.86	Peak	0.00	200	Horizontal	Pass
2	97.561	22.09	-16.29	43.5	21.41	Peak	178.00	100	Horizontal	Pass
3	249.802	24.82	-14.05	46.0	21.18	Peak	140.00	200	Horizontal	Pass
4	495.018	34.11	-8.19	46.0	11.89	Peak	286.00	100	Horizontal	Pass
5	692.849	36.28	-3.81	46.0	9.72	Peak	188.00	200	Horizontal	Pass
6	927.492	112.92	1.15	46.0	-66.92	Peak	21.00	100	Horizontal	N/A

LORA (FSK-HS) HIGH CHANNEL ,30 MHz to 1 GHz, ANT V



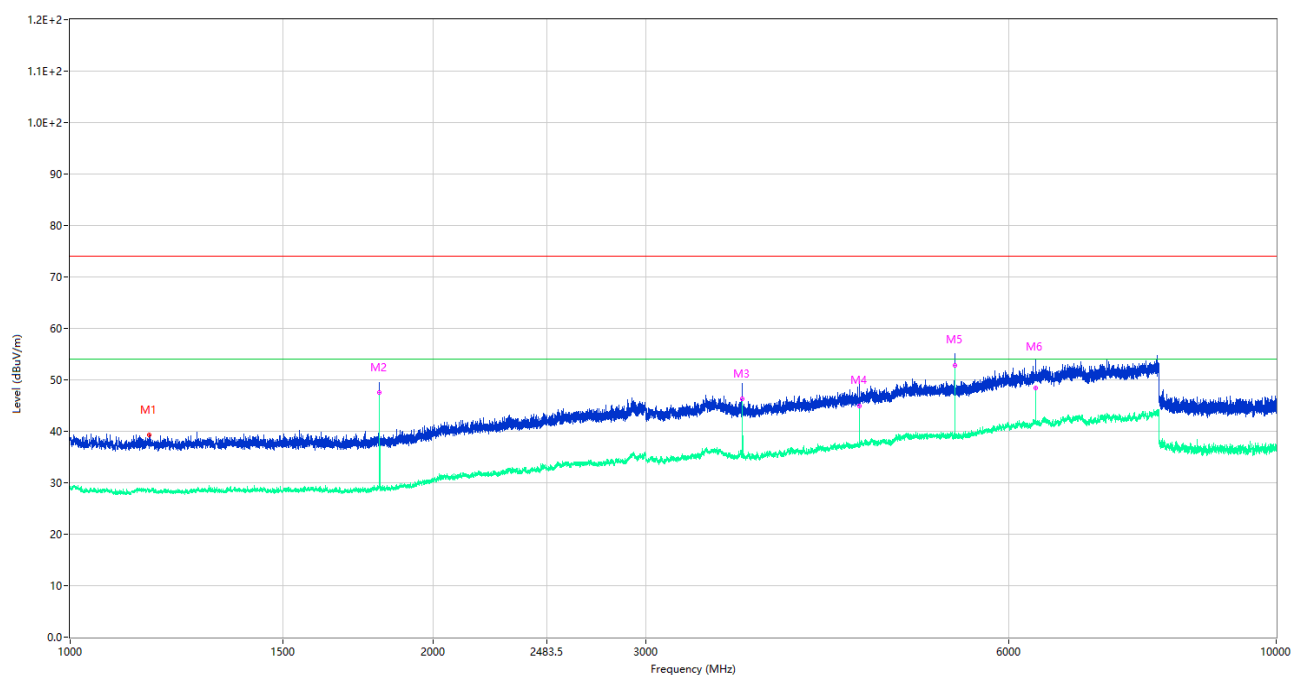
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.490	24.42	-14.55	40.0	15.58	Peak	360.00	100	Vertical	Pass
2	106.872	23.12	-16.35	43.5	20.38	Peak	140.00	200	Vertical	Pass
3	198.538	23.27	-15.68	43.5	20.23	Peak	0.00	200	Vertical	Pass
4	362.516	29.30	-11.73	46.0	16.70	Peak	26.00	200	Vertical	Pass
5	758.955	37.67	-1.97	46.0	8.33	Peak	135.00	200	Vertical	Pass
6	927.687	108.05	1.15	46.0	-62.05	Peak	56.00	200	Vertical	N/A

LORA (125K) LOW CHANNEL 1 GHz to 10 GHz, ANT H



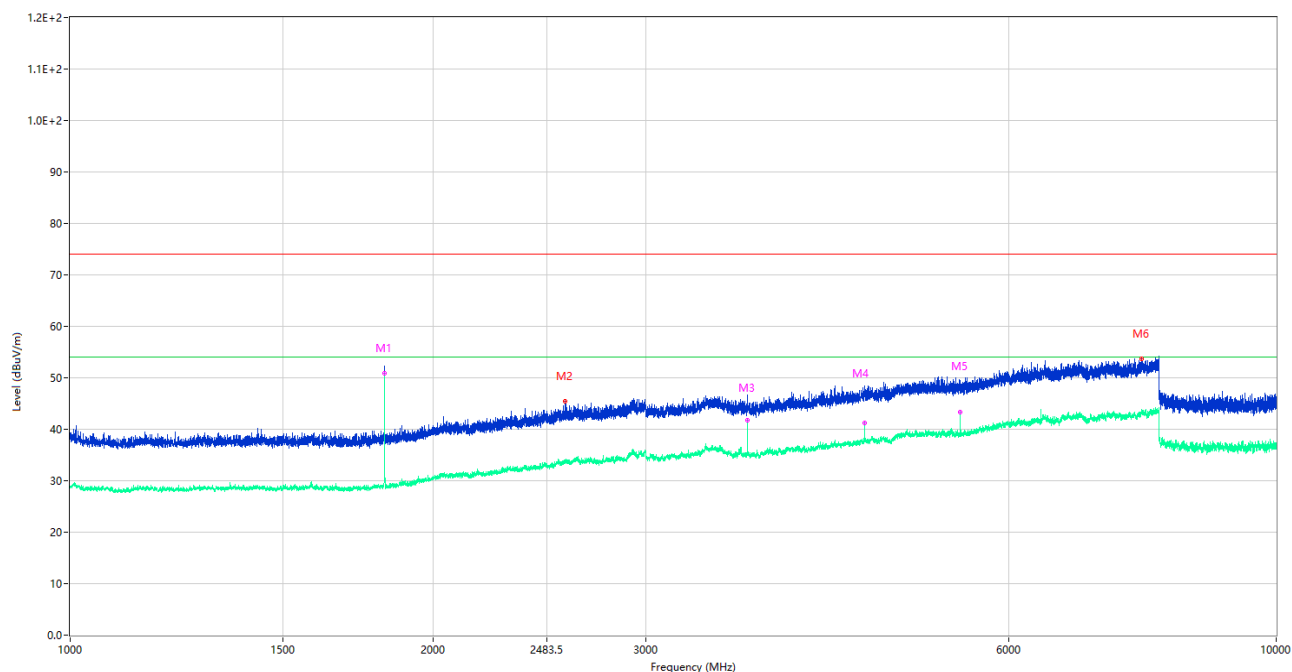
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.750	40.43	-15.54	74.0	33.57	Peak	181.00	150	Horizontal	Pass
1**	1157.750	28.54	-15.54	54.0	25.46	AV	181.00	150	Horizontal	Pass
2	1804.750	53.77	-15.87	74.0	20.23	Peak	129.00	150	Horizontal	N/A
2**	1804.750	53.02	-15.87	54.0	0.98	AV	129.00	150	Horizontal	N/A
3	2562.750	44.14	-11.10	74.0	29.86	Peak	355.00	150	Horizontal	Pass
3**	2562.750	33.60	-11.10	54.0	20.40	AV	355.00	150	Horizontal	Pass
4	3610.000	44.78	-5.10	74.0	29.22	Peak	280.00	150	Horizontal	Pass
4**	3610.000	41.07	-5.10	54.0	12.93	AV	280.00	150	Horizontal	Pass
5	5414.000	49.20	-2.47	74.0	24.80	Peak	152.00	150	Horizontal	Pass
5**	5414.000	44.31	-2.47	54.0	9.69	AV	152.00	150	Horizontal	Pass
6	7714.000	54.51	1.10	74.0	19.49	Peak	356.00	150	Horizontal	Pass
6**	7714.000	43.09	1.10	54.0	10.91	AV	356.00	150	Horizontal	Pass

LORA (125K) LOW CHANNEL 1 GHz to 10 GHz, ANT V



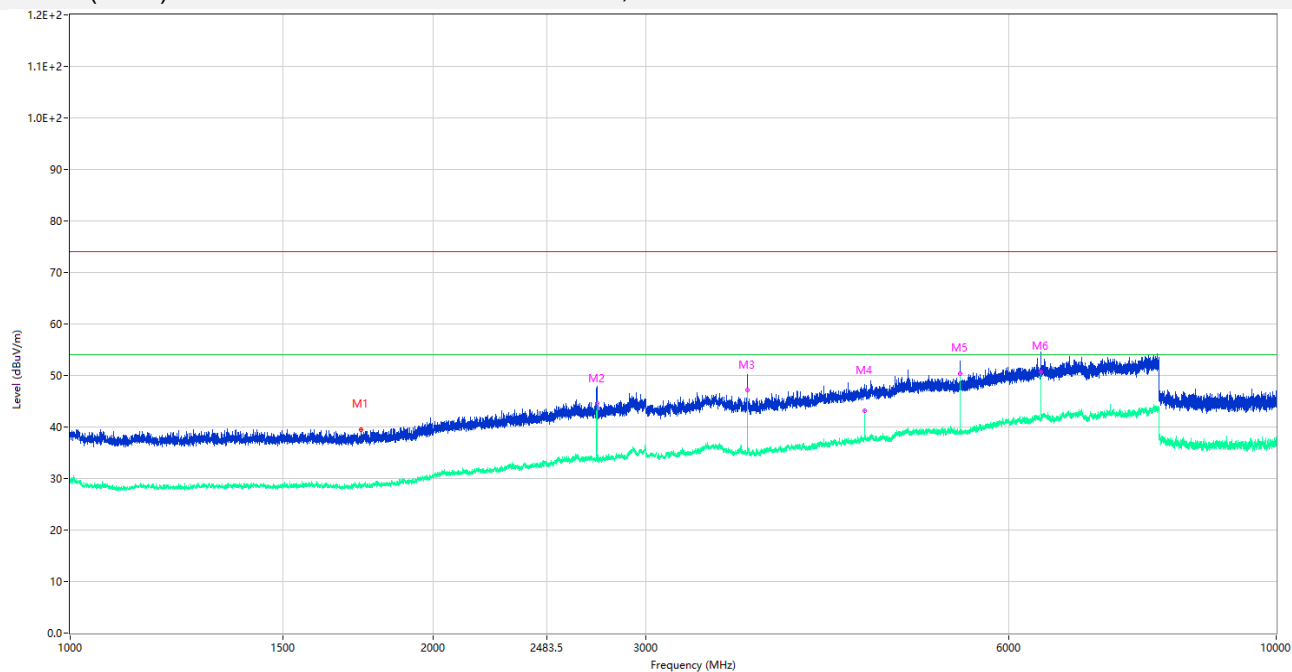
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.250	39.28	-15.46	74.0	34.72	Peak	351.00	150	Vertical	Pass
1**	1162.250	28.68	-15.46	54.0	25.32	AV	351.00	150	Vertical	Pass
2	1805.000	48.26	-15.87	74.0	25.74	Peak	340.00	150	Vertical	N/A
2**	1805.000	47.53	-15.87	54.0	6.47	AV	340.00	150	Vertical	N/A
3	3610.000	49.13	-5.10	74.0	24.87	Peak	148.00	150	Vertical	Pass
3**	3610.000	46.31	-5.10	54.0	7.69	AV	148.00	150	Vertical	Pass
4	4512.000	48.66	-3.10	74.0	25.34	Peak	108.00	150	Vertical	Pass
4**	4512.000	44.93	-3.10	54.0	9.07	AV	108.00	150	Vertical	Pass
5	5414.500	53.46	-2.48	74.0	20.54	Peak	298.00	150	Vertical	Pass
5**	5414.500	51.78	-2.48	54.0	2.22	AV	298.00	150	Vertical	Pass
6	6316.500	53.82	-0.31	74.0	20.18	Peak	40.00	150	Vertical	Pass
6**	6316.500	48.46	-0.31	54.0	5.54	AV	40.00	150	Vertical	Pass

LORA (125K) MIDDLE CHANNEL 1 GHz to 10 GHz, ANT H



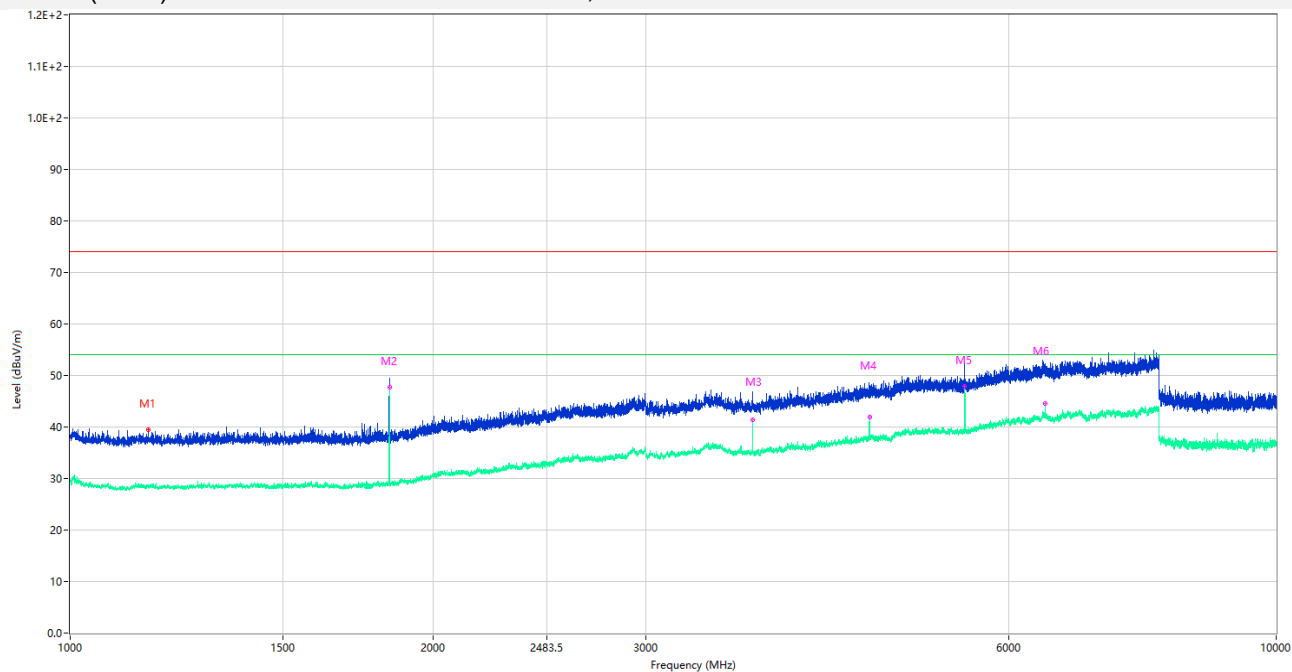
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1822.500	51.43	-16.05	74.0	22.57	Peak	132.00	150	Horizontal	N/A
1**	1822.500	50.84	-16.05	54.0	3.16	AV	132.00	150	Horizontal	N/A
2	2571.500	45.40	-10.97	74.0	28.60	Peak	0.00	150	Horizontal	Pass
2**	2571.500	33.59	-10.97	54.0	20.41	AV	0.00	150	Horizontal	Pass
3	3645.000	45.27	-5.33	74.0	28.73	Peak	149.00	150	Horizontal	Pass
3**	3645.000	41.81	-5.33	54.0	12.19	AV	149.00	150	Horizontal	Pass
4	4555.500	48.38	-2.85	74.0	25.62	Peak	68.00	150	Horizontal	Pass
4**	4555.500	41.18	-2.85	54.0	12.82	AV	68.00	150	Horizontal	Pass
5	5467.000	48.80	-2.33	74.0	25.20	Peak	4.00	150	Horizontal	Pass
5**	5467.000	43.41	-2.33	54.0	10.59	AV	4.00	150	Horizontal	Pass
6	7740.000	53.71	1.36	74.0	20.29	Peak	360.00	150	Horizontal	Pass
6**	7740.000	43.55	1.36	54.0	10.45	AV	360.00	150	Horizontal	Pass

LORA (125K) MIDDLE CHANNEL 1 GHz to 10 GHz, ANT V



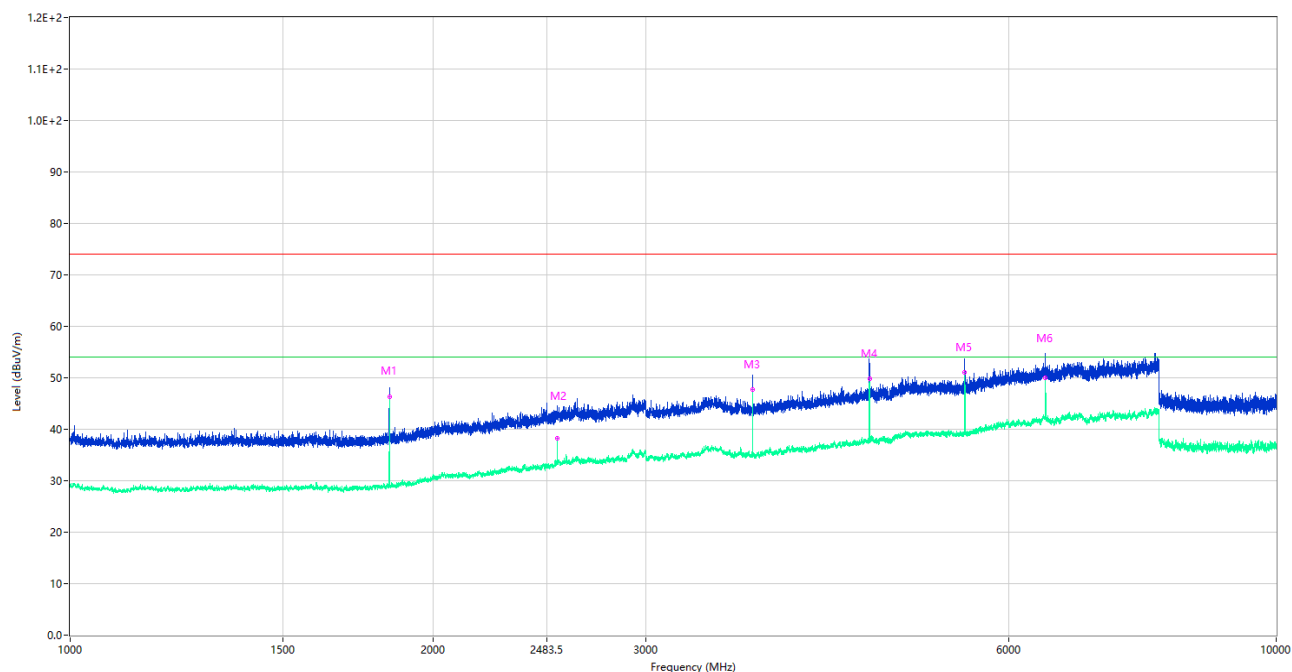
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1741.750	39.45	-16.19	74.0	34.55	Peak	79.00	150	Vertical	Pass
1**	1741.750	28.36	-16.19	54.0	25.64	AV	79.00	150	Vertical	Pass
2	2733.500	47.74	-10.68	74.0	26.26	Peak	198.00	150	Vertical	Pass
2**	2733.500	44.50	-10.68	54.0	9.50	AV	198.00	150	Vertical	Pass
3	3645.000	48.05	-5.33	74.0	25.95	Peak	172.00	150	Vertical	Pass
3**	3645.000	47.17	-5.33	54.0	6.83	AV	172.00	150	Vertical	Pass
4	4556.500	46.61	-2.81	74.0	27.39	Peak	231.00	150	Vertical	Pass
4**	4556.500	43.19	-2.81	54.0	10.81	AV	231.00	150	Vertical	Pass
5	5467.500	52.94	-2.33	74.0	21.06	Peak	83.00	150	Vertical	Pass
5**	5467.500	50.40	-2.33	54.0	3.60	AV	83.00	150	Vertical	Pass
6	6378.000	52.94	-0.27	74.0	21.06	Peak	203.00	150	Vertical	Pass
6**	6378.000	50.73	-0.27	54.0	3.27	AV	203.00	150	Vertical	Pass

LORA (125K) HIGH CHANNEL 1 GHz to 10 GHz, ANT H



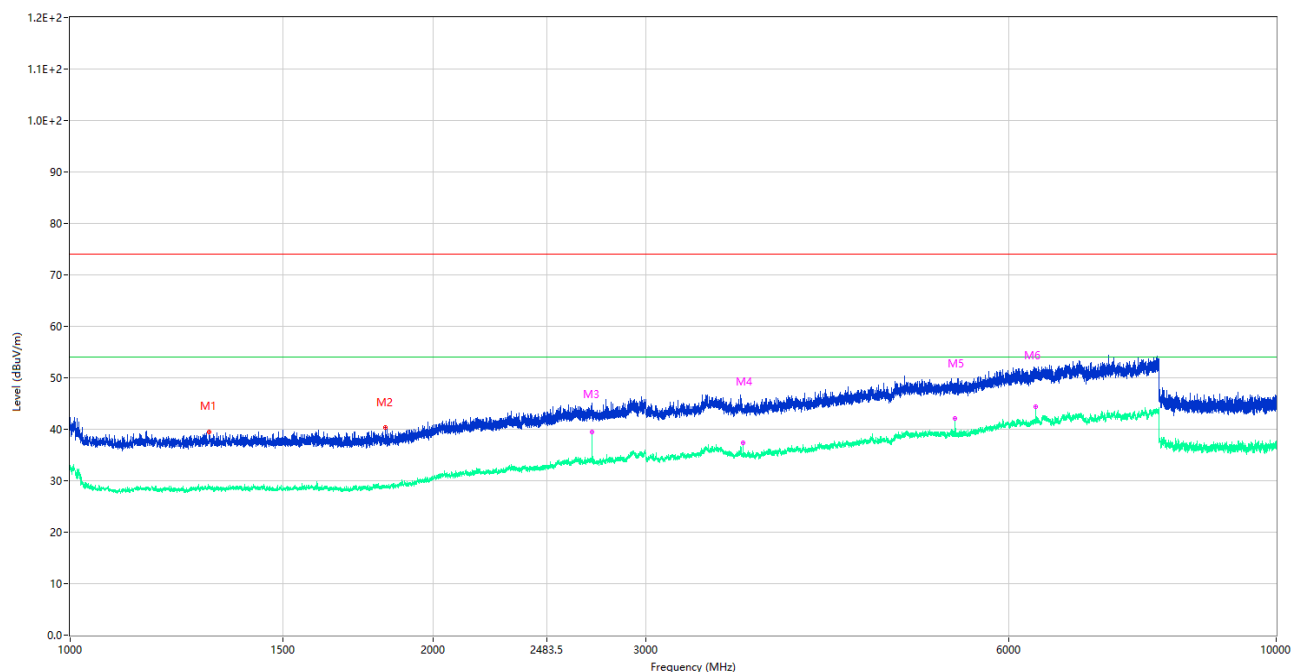
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.500	39.39	-15.49	74.0	34.61	Peak	7.00	150	Horizontal	Pass
1**	1160.500	28.72	-15.49	54.0	25.28	AV	7.00	150	Horizontal	Pass
2	1840.000	48.48	-15.91	74.0	25.52	Peak	293.00	150	Horizontal	N/A
2**	1840.000	47.68	-15.91	54.0	6.32	AV	293.00	150	Horizontal	N/A
3	3680.000	44.05	-5.39	74.0	29.95	Peak	251.00	150	Horizontal	Pass
3**	3680.000	41.33	-5.39	54.0	12.67	AV	251.00	150	Horizontal	Pass
4	4599.500	47.07	-3.60	74.0	26.93	Peak	280.00	150	Horizontal	Pass
4**	4599.500	42.01	-3.60	54.0	11.99	AV	280.00	150	Horizontal	Pass
5	5519.000	51.61	-2.50	74.0	22.39	Peak	181.00	150	Horizontal	Pass
5**	5519.000	47.82	-2.50	54.0	6.18	AV	181.00	150	Horizontal	Pass
6	6439.000	50.50	-0.01	74.0	23.50	Peak	13.00	150	Horizontal	Pass
6**	6439.000	44.62	-0.01	54.0	9.38	AV	13.00	150	Horizontal	Pass

LORA (125K) HIGH CHANNEL 1 GHz to 10 GHz, ANT V



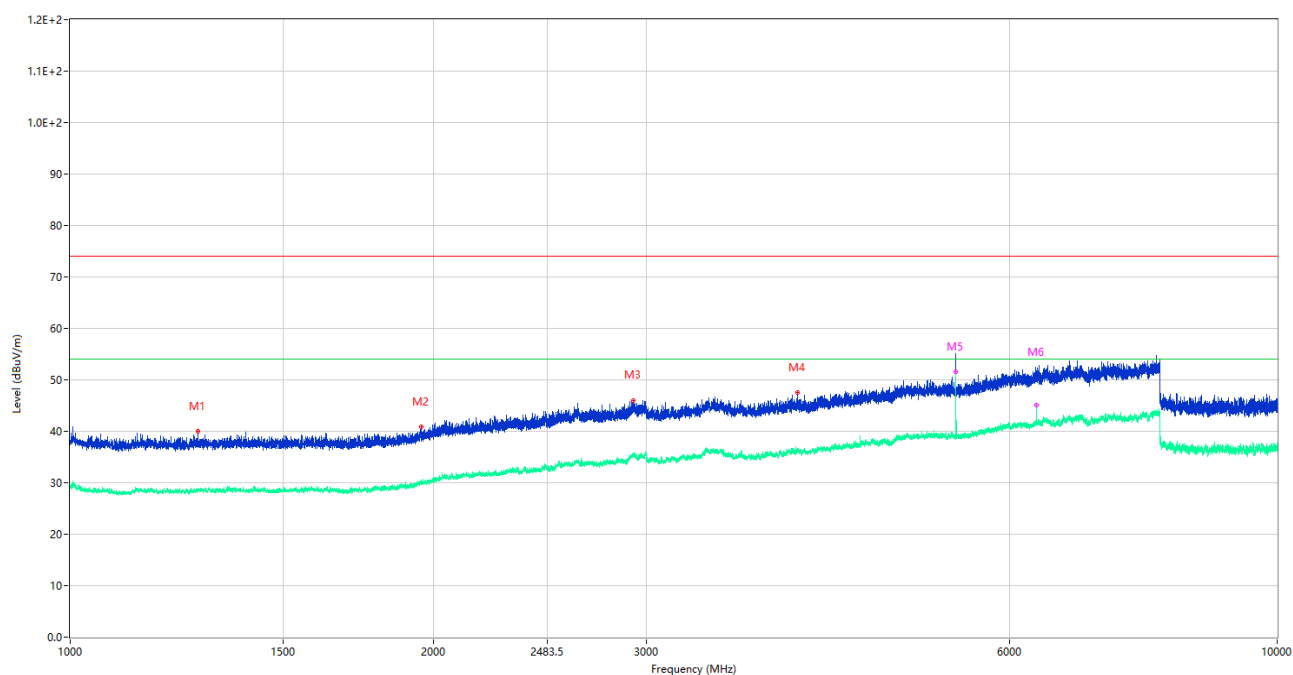
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1839.750	48.12	-15.92	74.0	25.88	Peak	352.00	150	Vertical	N/A
1**	1839.750	46.30	-15.92	54.0	7.70	AV	352.00	150	Vertical	N/A
2	2533.000	43.82	-11.20	74.0	30.18	Peak	0.00	150	Vertical	Pass
2**	2533.000	38.27	-11.20	54.0	15.73	AV	0.00	150	Vertical	Pass
3	3680.000	49.44	-5.39	74.0	24.56	Peak	109.00	150	Vertical	Pass
3**	3680.000	47.69	-5.39	54.0	6.31	AV	109.00	150	Vertical	Pass
4	4599.500	52.35	-3.60	74.0	21.65	Peak	78.00	150	Vertical	Pass
4**	4599.500	49.78	-3.60	54.0	4.22	AV	78.00	150	Vertical	Pass
5	5519.000	53.64	-2.50	74.0	20.36	Peak	7.00	150	Vertical	Pass
5**	5519.000	51.09	-2.50	54.0	2.91	AV	7.00	150	Vertical	Pass
6	6439.000	54.54	-0.01	74.0	19.46	Peak	1.00	150	Vertical	Pass
6**	6439.000	50.03	-0.01	54.0	3.97	AV	1.00	150	Vertical	Pass

LORA (500K) LOW CHANNEL 1 GHz to 10 GHz, ANT H



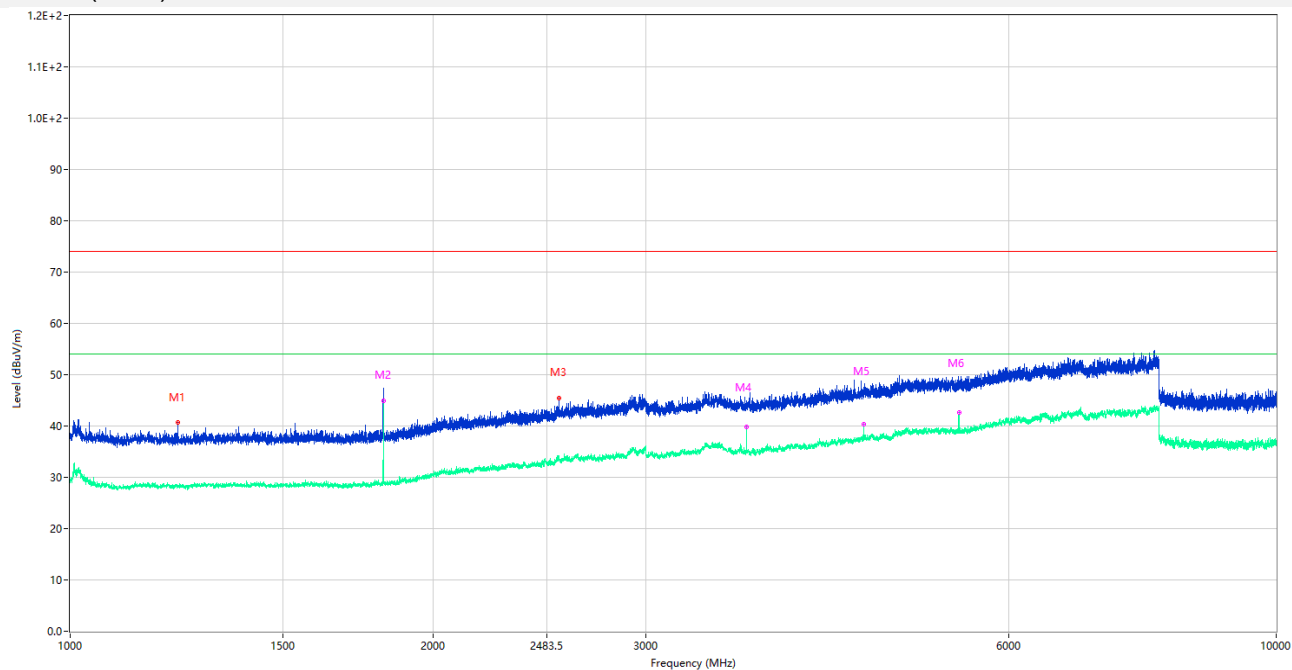
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1303.750	39.50	-15.59	74.0	34.50	Peak	136.00	150	Horizontal	Pass
1**	1303.750	28.63	-15.59	54.0	25.37	AV	136.00	150	Horizontal	Pass
2	1826.000	40.37	-16.06	74.0	33.63	Peak	355.00	150	Horizontal	Pass
2**	1826.000	28.61	-16.06	54.0	25.39	AV	355.00	150	Horizontal	Pass
3	2709.000	43.40	-10.38	74.0	30.60	Peak	307.00	150	Horizontal	Pass
3**	2709.000	39.51	-10.38	54.0	14.49	AV	307.00	150	Horizontal	Pass
4	3613.000	43.85	-5.12	74.0	30.15	Peak	248.00	150	Horizontal	Pass
4**	3613.000	37.29	-5.12	54.0	16.71	AV	248.00	150	Horizontal	Pass
5	5417.500	48.28	-2.54	74.0	25.72	Peak	228.00	150	Horizontal	Pass
5**	5417.500	42.14	-2.54	54.0	11.86	AV	228.00	150	Horizontal	Pass
6	6321.000	51.16	-0.47	74.0	22.84	Peak	188.00	150	Horizontal	Pass
6**	6321.000	44.39	-0.47	54.0	9.61	AV	188.00	150	Horizontal	Pass

LORA (500K) LOW CHANNEL 1 GHz to 10 GHz, ANT V



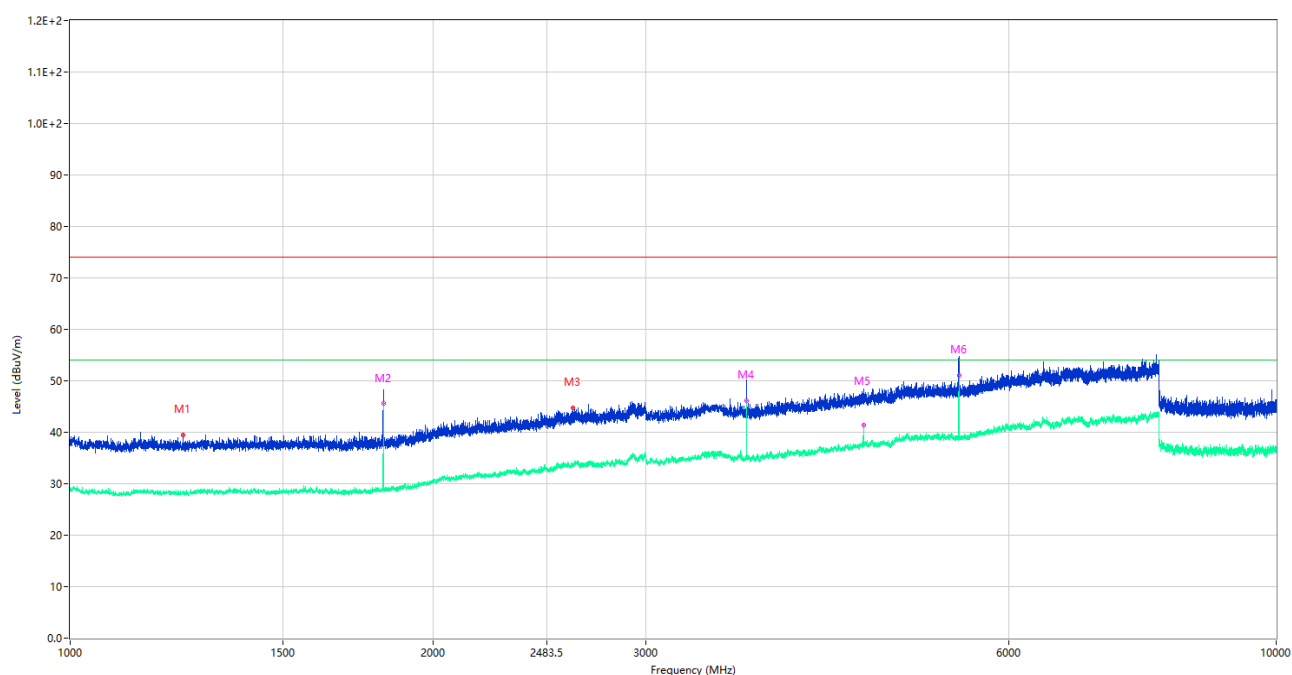
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1276.750	39.93	-15.84	74.0	34.07	Peak	352.00	150	Vertical	Pass
1**	1276.750	28.82	-15.84	54.0	25.18	AV	352.00	150	Vertical	Pass
2	1954.500	40.81	-14.91	74.0	33.19	Peak	5.00	150	Vertical	Pass
2**	1954.500	29.90	-14.91	54.0	24.10	AV	5.00	150	Vertical	Pass
3	2929.250	46.00	-7.95	74.0	28.00	Peak	275.00	150	Vertical	Pass
3**	2929.250	35.69	-7.95	54.0	18.31	AV	275.00	150	Vertical	Pass
4	4007.500	47.51	-4.60	74.0	26.49	Peak	348.00	150	Vertical	Pass
4**	4007.500	36.53	-4.60	54.0	17.47	AV	348.00	150	Vertical	Pass
5	5419.000	52.57	-2.57	74.0	21.43	Peak	0.00	150	Vertical	Pass
5**	5419.000	51.56	-2.57	54.0	2.44	AV	0.00	150	Vertical	Pass
6	6321.000	50.22	-0.47	74.0	23.78	Peak	273.00	150	Vertical	Pass
6**	6321.000	45.06	-0.47	54.0	8.94	AV	273.00	150	Vertical	Pass

LORA (500K) MIDDLE CHANNEL 1 GHz to 10 GHz, ANT H



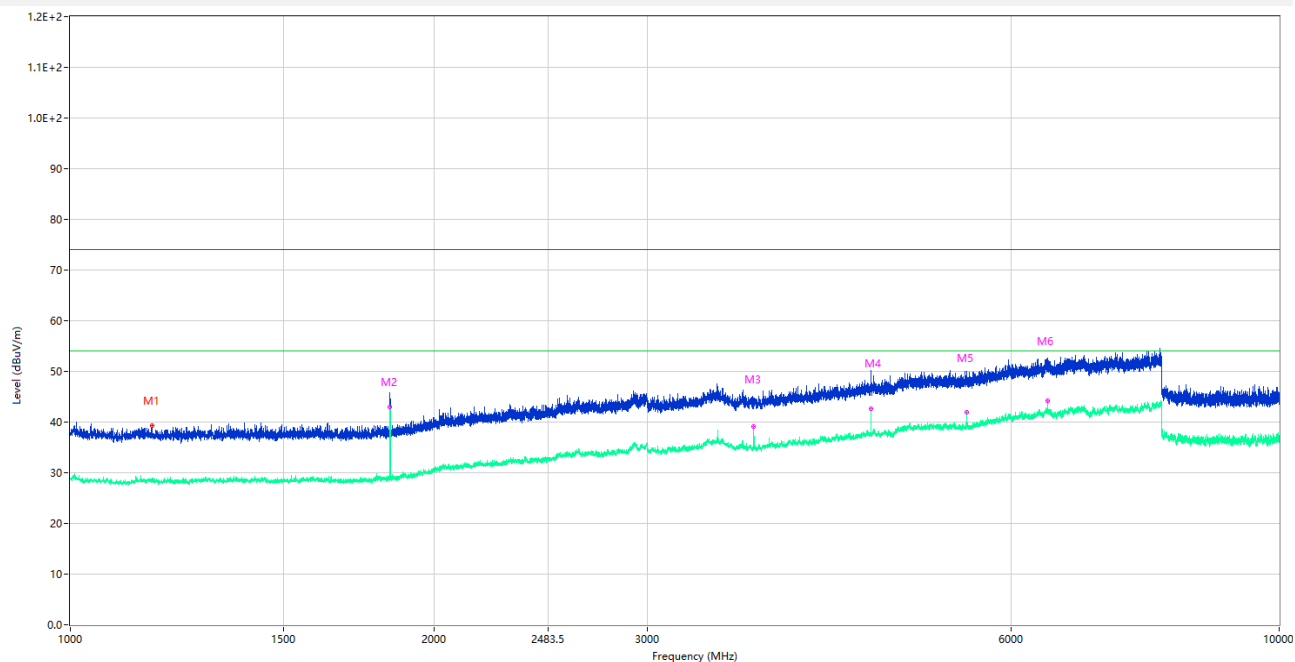
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1227.500	40.67	-15.99	74.0	33.33	Peak	61.00	150	Horizontal	Pass
1**	1227.500	28.23	-15.99	54.0	25.77	AV	61.00	150	Horizontal	Pass
2	1819.250	45.94	-16.03	74.0	28.06	Peak	360.00	150	Horizontal	N/A
2**	1819.250	44.97	-16.03	54.0	9.03	AV	360.00	150	Horizontal	N/A
3	2542.250	45.43	-11.03	74.0	28.57	Peak	282.00	150	Horizontal	Pass
3**	2542.250	33.75	-11.03	54.0	20.25	AV	282.00	150	Horizontal	Pass
4	3638.500	44.76	-5.79	74.0	29.24	Peak	151.00	150	Horizontal	Pass
4**	3638.500	39.84	-5.79	54.0	14.16	AV	151.00	150	Horizontal	Pass
5	4547.500	47.02	-3.25	74.0	26.98	Peak	161.00	150	Horizontal	Pass
5**	4547.500	40.28	-3.25	54.0	13.72	AV	161.00	150	Horizontal	Pass
6	5457.000	47.98	-2.35	74.0	26.02	Peak	54.00	150	Horizontal	Pass
6**	5457.000	42.57	-2.35	54.0	11.43	AV	54.00	150	Horizontal	Pass

LORA (500K) MIDDLE CHANNEL 1 GHz to 10 GHz, ANT V



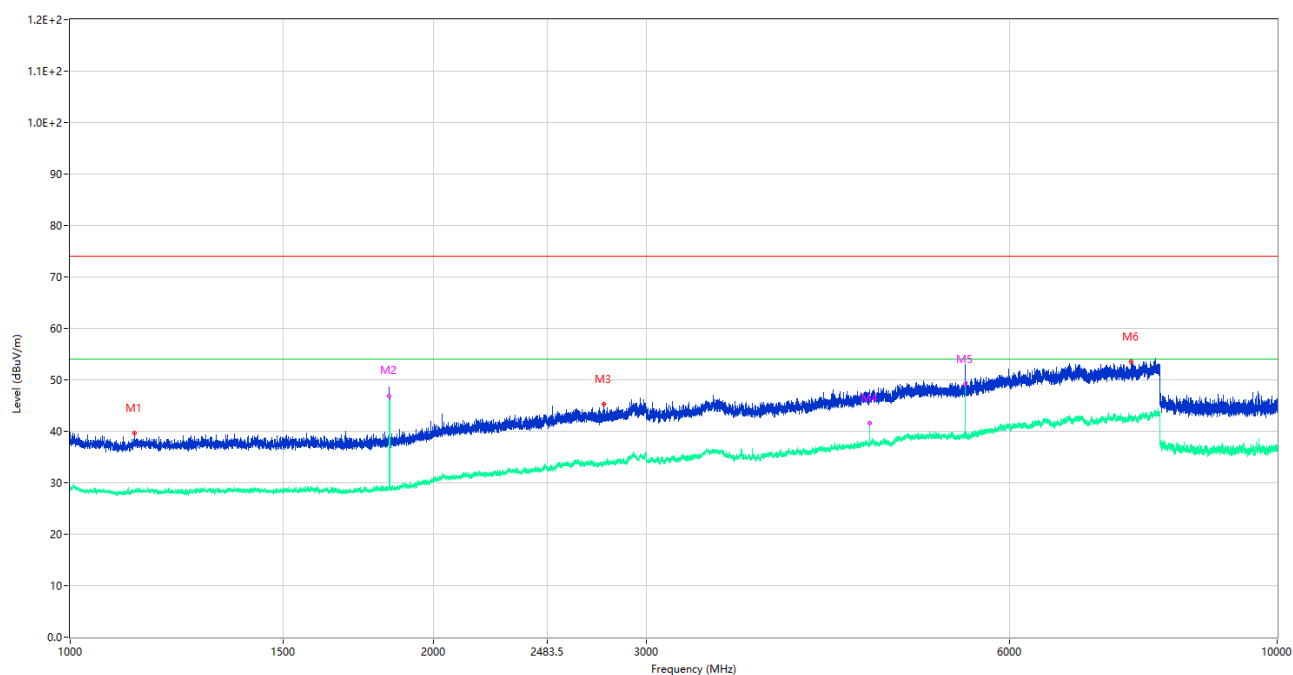
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1240.500	39.48	-16.06	74.0	34.52	Peak	117.00	150	Vertical	Pass
1**	1240.500	27.98	-16.06	54.0	26.02	AV	117.00	150	Vertical	Pass
2	1819.500	46.32	-16.04	74.0	27.68	Peak	5.00	150	Vertical	N/A
2**	1819.500	45.59	-16.04	54.0	8.41	AV	5.00	150	Vertical	N/A
3	2609.750	44.70	-10.88	74.0	29.30	Peak	161.00	150	Vertical	Pass
3**	2609.750	33.40	-10.88	54.0	20.60	AV	161.00	150	Vertical	Pass
4	3638.000	49.49	-5.80	74.0	24.51	Peak	360.00	150	Vertical	Pass
4**	3638.000	46.22	-5.80	54.0	7.78	AV	360.00	150	Vertical	Pass
5	4548.500	46.59	-3.22	74.0	27.41	Peak	188.00	150	Vertical	Pass
5**	4548.500	41.37	-3.22	54.0	12.63	AV	188.00	150	Vertical	Pass
6	5456.000	52.66	-2.32	74.0	21.34	Peak	7.00	150	Vertical	Pass
6**	5456.000	50.99	-2.32	54.0	3.01	AV	7.00	150	Vertical	Pass

LORA (500K) HIGH CHANNEL 1 GHz to 10 GHz, ANT H



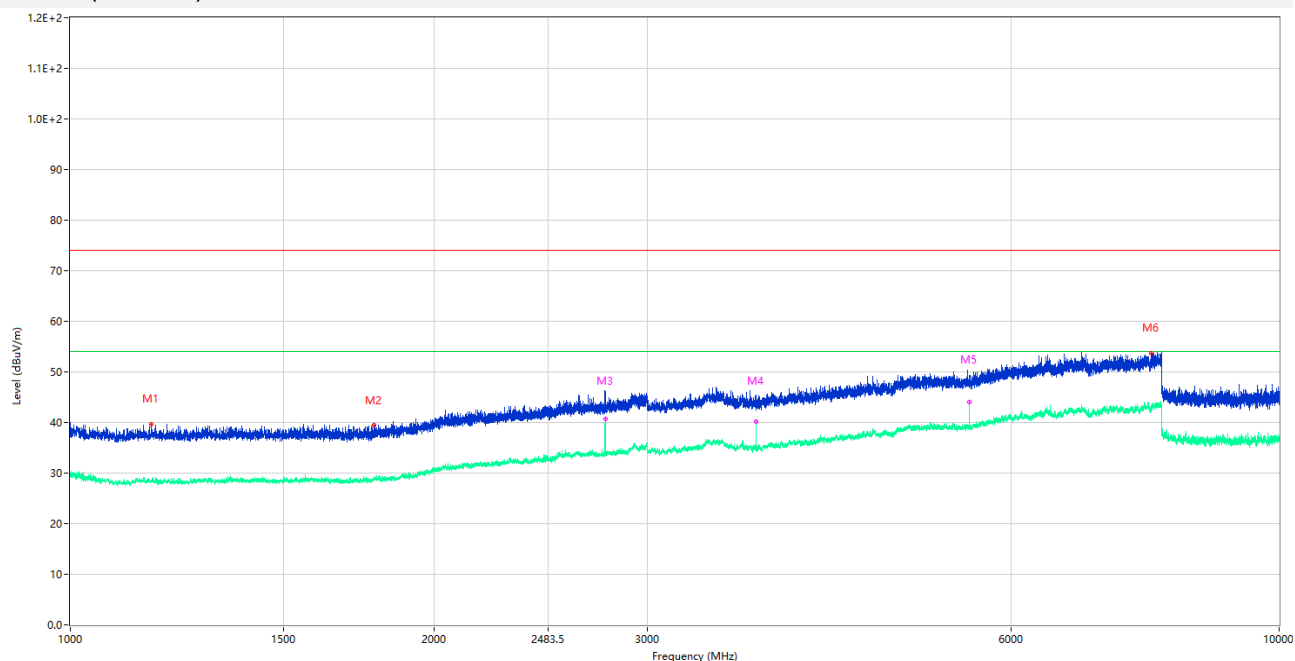
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.000	39.23	-15.48	74.0	34.77	Peak	44.00	150	Horizontal	Pass
1**	1168.000	28.36	-15.48	54.0	25.64	AV	44.00	150	Horizontal	Pass
2	1838.500	43.55	-15.96	74.0	30.45	Peak	274.00	150	Horizontal	N/A
2**	1838.500	42.90	-15.96	54.0	11.10	AV	274.00	150	Horizontal	N/A
3	3676.500	43.50	-5.23	74.0	30.50	Peak	57.00	150	Horizontal	Pass
3**	3676.500	39.18	-5.23	54.0	14.82	AV	57.00	150	Horizontal	Pass
4	4596.500	46.30	-3.45	74.0	27.70	Peak	225.00	150	Horizontal	Pass
4**	4596.500	42.71	-3.45	54.0	11.29	AV	225.00	150	Horizontal	Pass
5	5515.000	47.88	-2.55	74.0	26.12	Peak	66.00	150	Horizontal	Pass
5**	5515.000	41.86	-2.55	54.0	12.14	AV	66.00	150	Horizontal	Pass
6	6434.500	50.24	0.06	74.0	23.76	Peak	225.00	150	Horizontal	Pass
6**	6434.500	44.15	0.06	54.0	9.85	AV	225.00	150	Horizontal	Pass

LORA (500K) HIGH CHANNEL 1 GHz to 10 GHz, ANT V



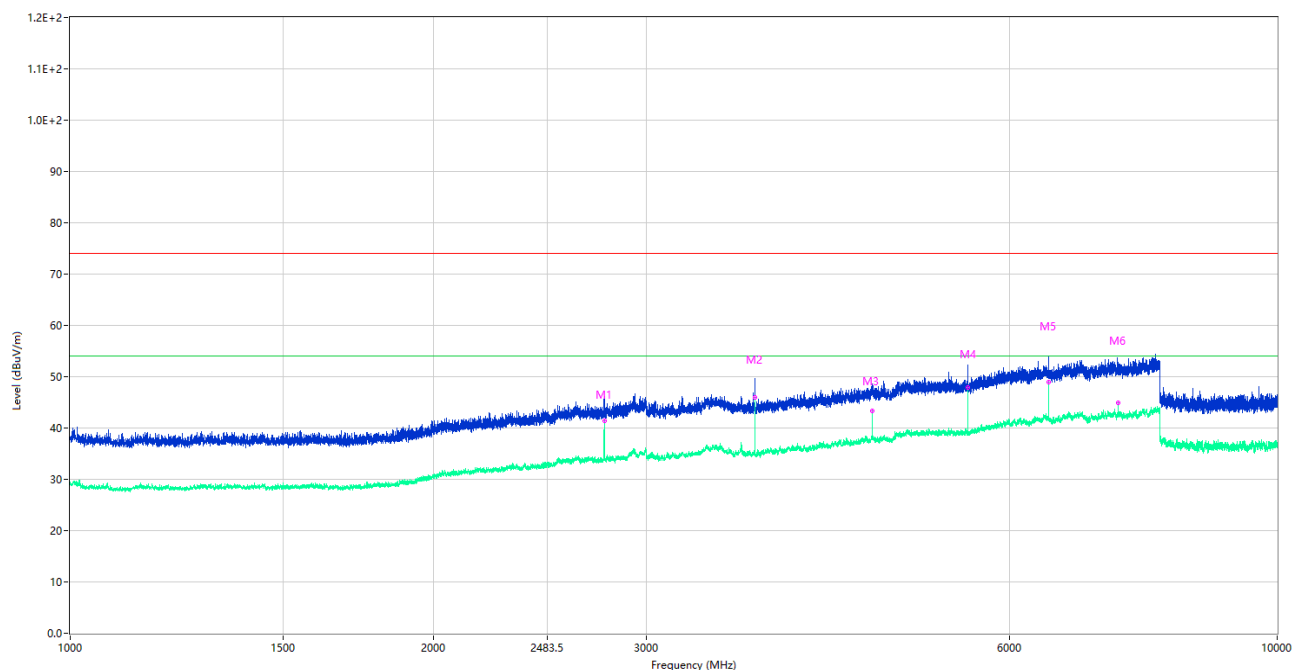
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.750	39.63	-15.55	74.0	34.37	Peak	45.00	150	Vertical	Pass
1**	1130.750	28.22	-15.55	54.0	25.78	AV	45.00	150	Vertical	Pass
2	1838.250	48.20	-15.97	74.0	25.80	Peak	21.00	150	Vertical	N/A
2**	1838.250	46.93	-15.97	54.0	7.07	AV	21.00	150	Vertical	N/A
3	2768.250	45.22	-10.14	74.0	28.78	Peak	7.00	150	Vertical	Pass
3**	2768.250	33.95	-10.14	54.0	20.05	AV	7.00	150	Vertical	Pass
4	4597.000	46.09	-3.47	74.0	27.91	Peak	0.00	150	Vertical	Pass
4**	4597.000	41.50	-3.47	54.0	12.50	AV	0.00	150	Vertical	Pass
5	5514.000	50.12	-2.57	74.0	23.88	Peak	23.00	150	Vertical	Pass
5**	5514.000	49.09	-2.57	54.0	4.91	AV	23.00	150	Vertical	Pass
6	7572.000	53.57	1.00	74.0	20.43	Peak	310.00	150	Vertical	Pass
6**	7572.000	42.24	1.00	54.0	11.76	AV	310.00	150	Vertical	Pass

LORA (FSK-HS) LOW CHANNEL 1 GHz to 10 GHz, ANT H



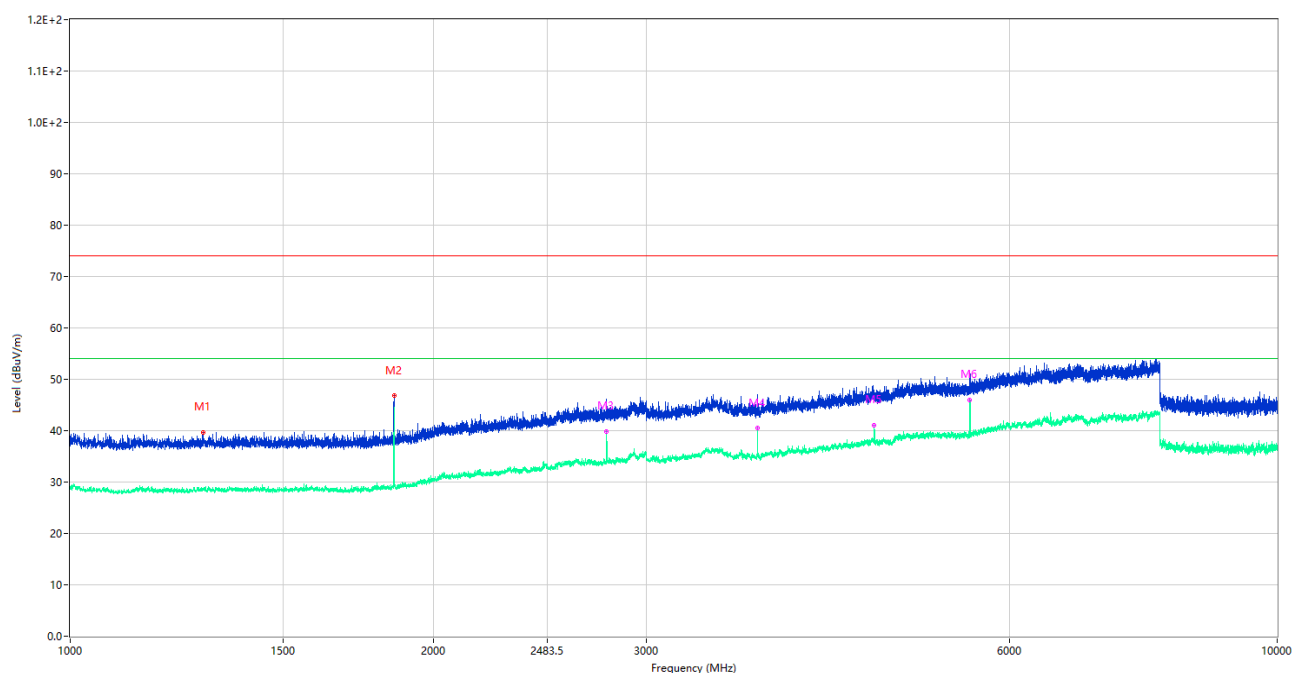
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.000	39.66	-15.46	74.0	34.34	Peak	346.00	150	Horizontal	Pass
1**	1167.000	28.31	-15.46	54.0	25.69	AV	346.00	150	Horizontal	Pass
2	1783.500	39.41	-16.03	74.0	34.59	Peak	295.00	150	Horizontal	N/A
2**	1783.500	28.56	-16.03	54.0	25.44	AV	295.00	150	Horizontal	N/A
3	2769.750	44.66	-10.18	74.0	29.34	Peak	122.00	150	Horizontal	Pass
3**	2769.750	40.64	-10.18	54.0	13.36	AV	122.00	150	Horizontal	Pass
4	3694.500	43.30	-5.82	74.0	30.70	Peak	346.00	150	Horizontal	Pass
4**	3694.500	40.14	-5.82	54.0	13.86	AV	346.00	150	Horizontal	Pass
5	5539.500	47.75	-2.67	74.0	26.25	Peak	102.00	150	Horizontal	Pass
5**	5539.500	43.95	-2.67	54.0	10.05	AV	102.00	150	Horizontal	Pass
6	7842.500	53.68	1.37	74.0	20.32	Peak	331.00	150	Horizontal	Pass
6**	7842.500	42.52	1.37	54.0	11.48	AV	331.00	150	Horizontal	Pass

LORA (FSK-HS) LOW CHANNEL 1 GHz to 10 GHz, ANT V



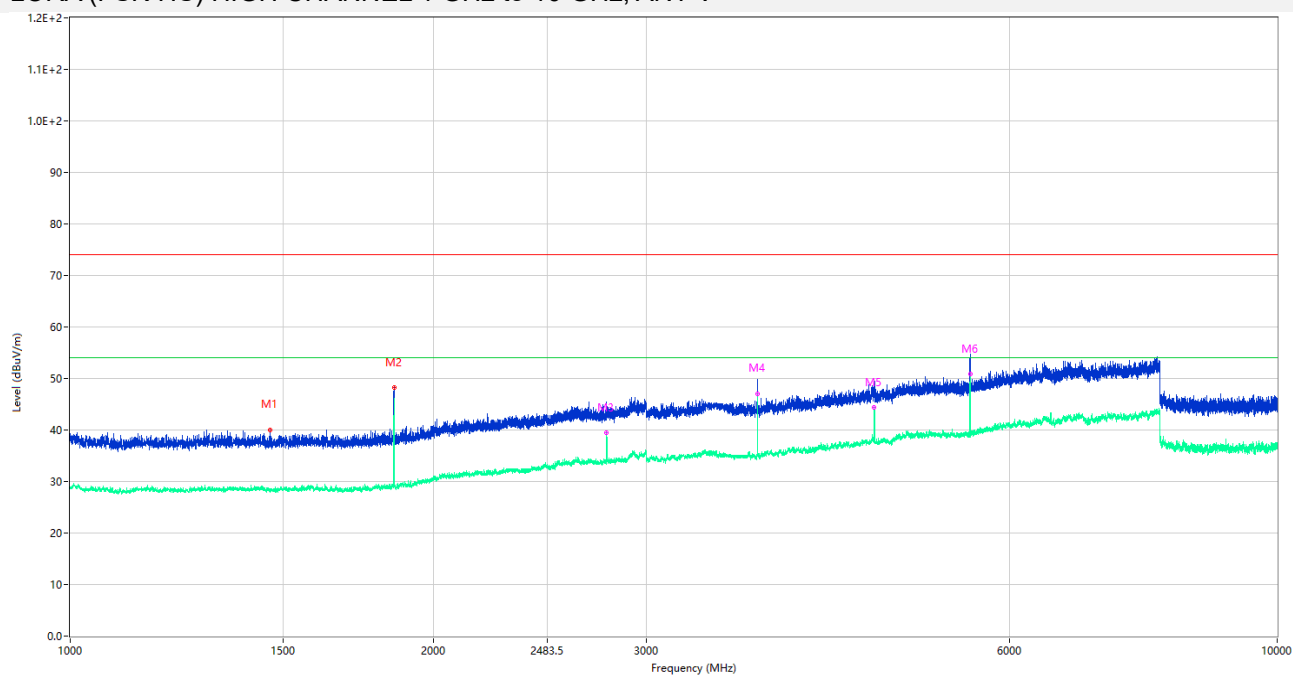
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2770.500	44.95	-10.18	74.0	29.05	Peak	288.00	150	Vertical	Pass
1**	2770.500	41.48	-10.18	54.0	12.52	AV	288.00	150	Vertical	Pass
2	3693.000	47.35	-5.84	74.0	26.65	Peak	4.00	150	Vertical	Pass
2**	3693.000	46.02	-5.84	54.0	7.98	AV	4.00	150	Vertical	Pass
3	4617.000	47.11	-3.06	74.0	26.89	Peak	137.00	150	Vertical	Pass
3**	4617.000	43.28	-3.06	54.0	10.72	AV	137.00	150	Vertical	Pass
4	5540.000	48.30	-2.67	74.0	25.70	Peak	307.00	150	Vertical	Pass
4**	5540.000	47.95	-2.67	54.0	6.05	AV	307.00	150	Vertical	Pass
5	6463.000	52.58	-0.15	74.0	21.42	Peak	187.00	150	Vertical	Pass
5**	6463.000	48.87	-0.15	54.0	5.13	AV	187.00	150	Vertical	Pass
6	7386.500	51.32	0.72	74.0	22.68	Peak	4.00	150	Vertical	Pass
6**	7386.500	44.85	0.72	54.0	9.15	AV	4.00	150	Vertical	Pass

LORA (FSK-HS) HIGH CHANNEL 1 GHz to 10 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1288.750	39.67	-15.91	74.0	34.33	Peak	0.00	150	Horizontal	Pass
1**	1288.750	28.60	-15.91	54.0	25.40	AV	0.00	150	Horizontal	Pass
2	1854.750	46.84	-15.82	74.0	27.16	Peak	357.00	150	Horizontal	N/A
2**	1854.750	39.57	-15.82	54.0	14.43	AV	357.00	150	Horizontal	N/A
3	2782.750	44.59	-9.82	74.0	29.41	Peak	0.00	150	Horizontal	Pass
3**	2782.750	39.91	-9.82	54.0	14.09	AV	0.00	150	Horizontal	Pass
4	3710.000	44.93	-4.99	74.0	29.07	Peak	98.00	150	Horizontal	Pass
4**	3710.000	40.50	-4.99	54.0	13.50	AV	98.00	150	Horizontal	Pass
5	4637.000	46.80	-2.96	74.0	27.20	Peak	268.00	150	Horizontal	Pass
5**	4637.000	41.06	-2.96	54.0	12.94	AV	268.00	150	Horizontal	Pass
6	5565.000	51.47	-2.88	74.0	22.53	Peak	355.00	150	Horizontal	Pass
6**	5565.000	45.98	-2.88	54.0	8.02	AV	355.00	150	Horizontal	Pass

LORA (FSK-HS) HIGH CHANNEL 1 GHz to 10 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
.	1464.500	40.08	-16.21	74.0	33.92	Peak	221.00	150	Vertical	Pass
1**	1464.500	28.16	-16.21	54.0	25.84	AV	221.00	150	Vertical	Pass
2	1855.250	48.22	-15.83	74.0	25.78	Peak	60.00	150	Vertical	N/A
2**	1855.250	46.06	-15.83	54.0	7.94	AV	60.00	150	Vertical	N/A
3	2782.500	45.48	-9.84	74.0	28.52	Peak	360.00	150	Vertical	Pass
3**	2782.500	39.40	-9.84	54.0	14.60	AV	360.00	150	Vertical	Pass
4	3711.000	47.32	-4.89	74.0	26.68	Peak	359.00	150	Vertical	Pass
4**	3711.000	46.98	-4.89	54.0	7.02	AV	359.00	150	Vertical	Pass
5	4637.000	48.10	-2.96	74.0	25.90	Peak	342.00	150	Vertical	Pass
5**	4637.000	44.33	-2.96	54.0	9.67	AV	342.00	150	Vertical	Pass
6	5565.500	52.20	-2.89	74.0	21.80	Peak	0.00	150	Vertical	Pass
6**	5565.500	50.82	-2.89	54.0	3.18	AV	0.00	150	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Note 1: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

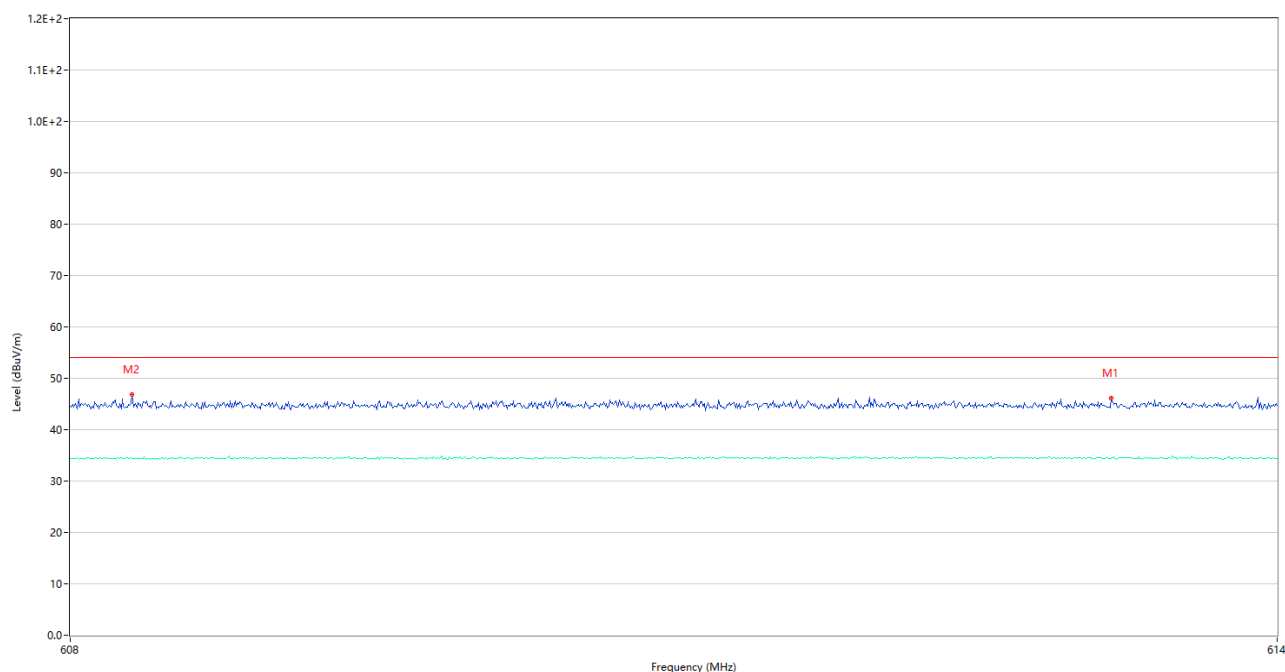
Note 2: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note 3: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 4: The Level (dBuV/m) has been corrected by factor.

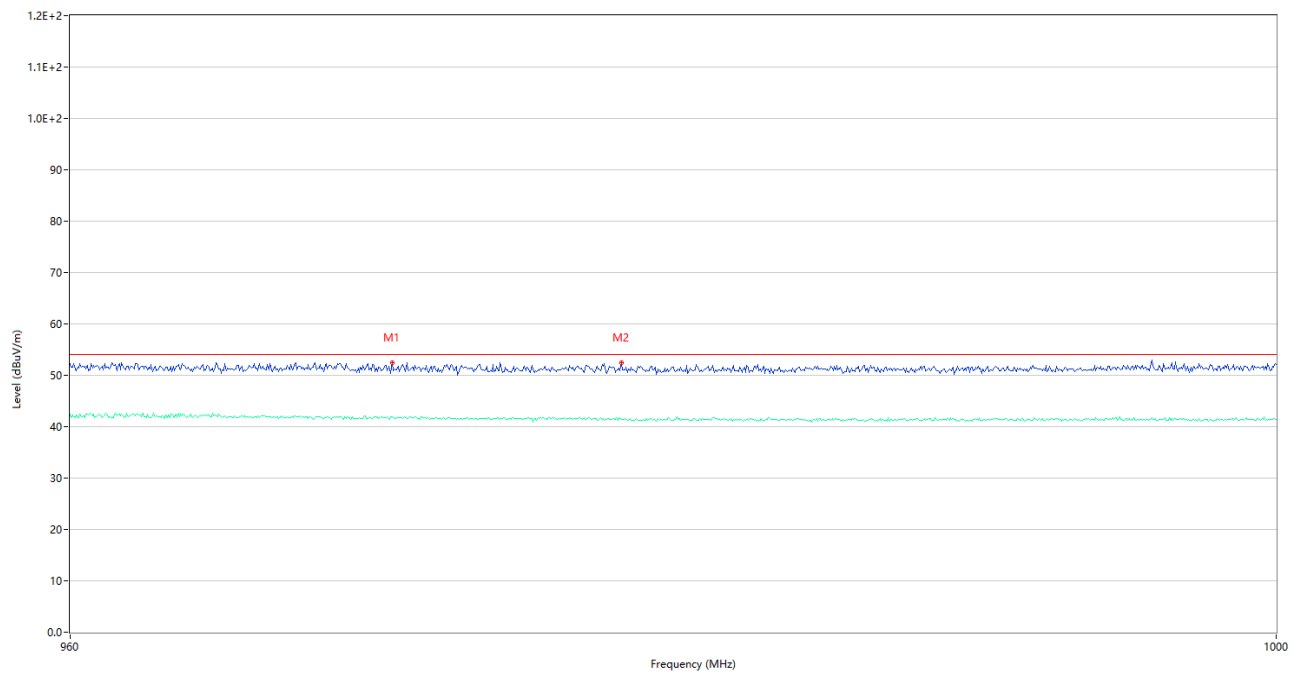
Test Data and Plot

LORA (125K) LOW CHANNEL



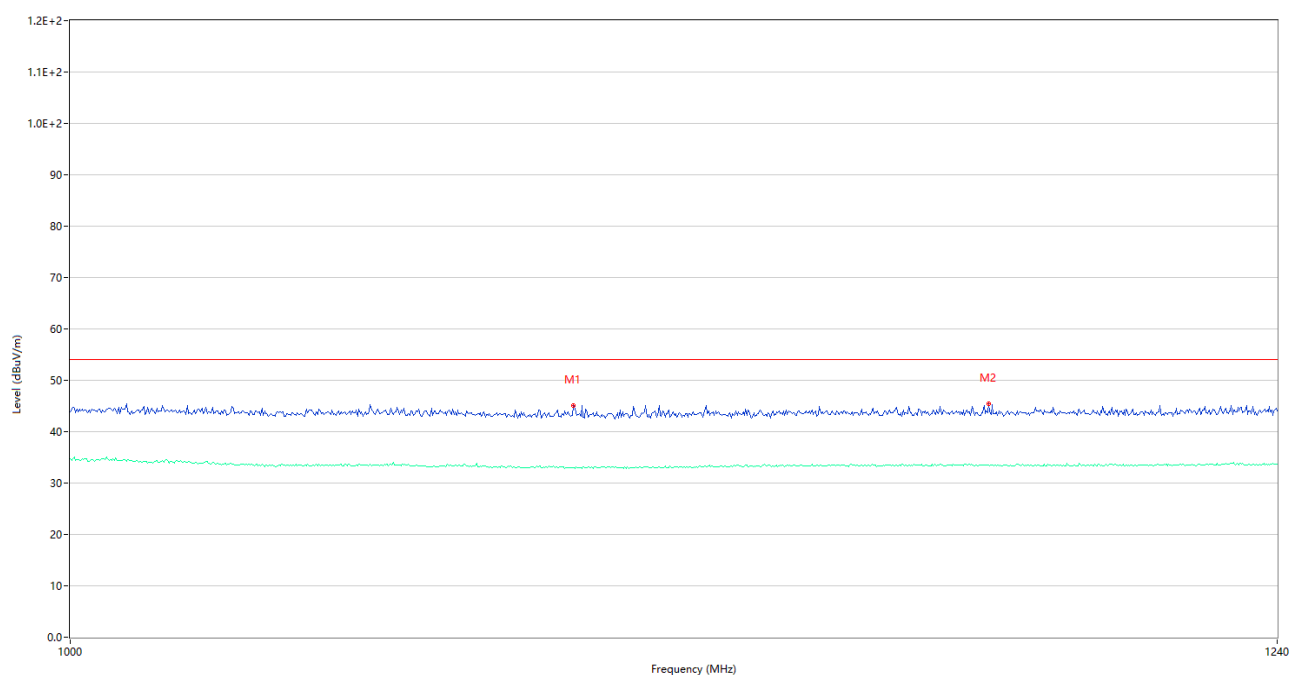
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	613.172	46.12	-4.70	54.0	7.88	Peak	143.00	150	Vertical	Pass
1**	613.172	34.35	-4.70	--	-34.35	AV	143.00	150	Vertical	N/A
2	608.306	46.81	-4.74	54.0	7.19	Peak	117.00	150	Vertical	Pass
2**	608.306	34.31	-4.74	--	-34.31	AV	117.00	150	Vertical	N/A

LORA (125K) HIGH CHANNEL



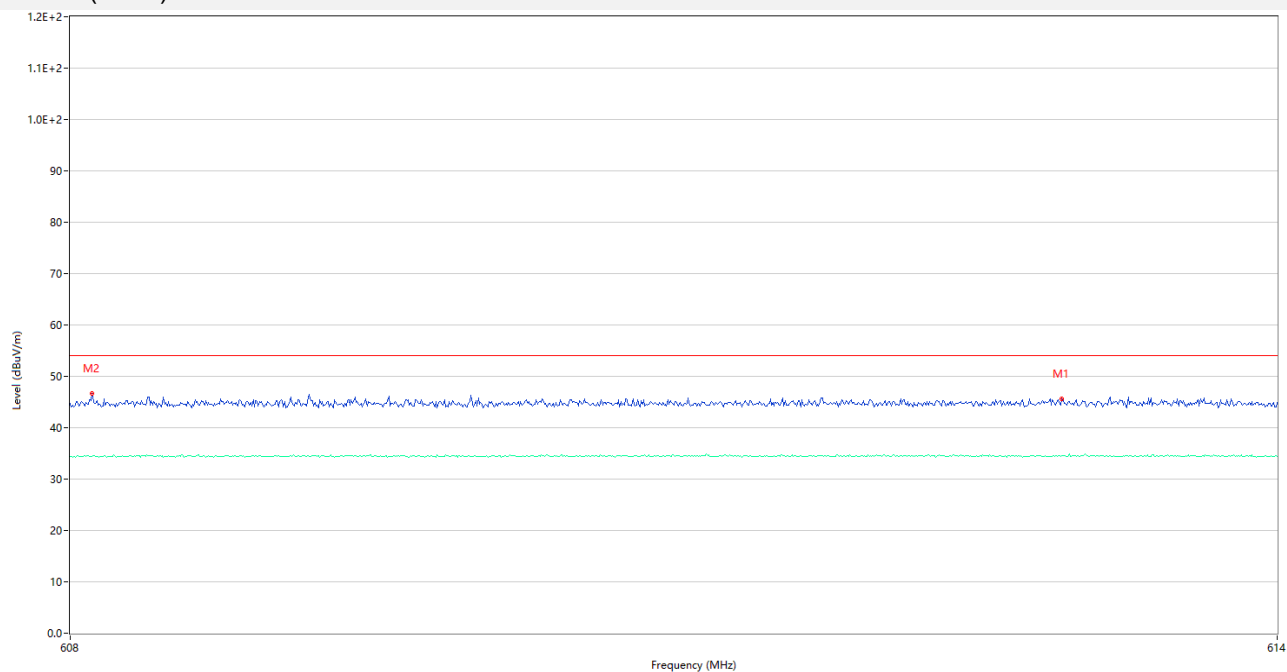
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	970.520	52.49	1.38	54.0	1.51	Peak	115.00	150	Vertical	Pass
1**	970.520	41.87	1.38	--	-41.87	AV	115.00	150	Vertical	N/A
2	978.080	52.45	1.49	54.0	1.55	Peak	271.00	150	Vertical	Pass
2**	978.080	41.39	1.49	--	-41.39	AV	271.00	150	Vertical	N/A

LORA (125K) HIGH CHANNEL



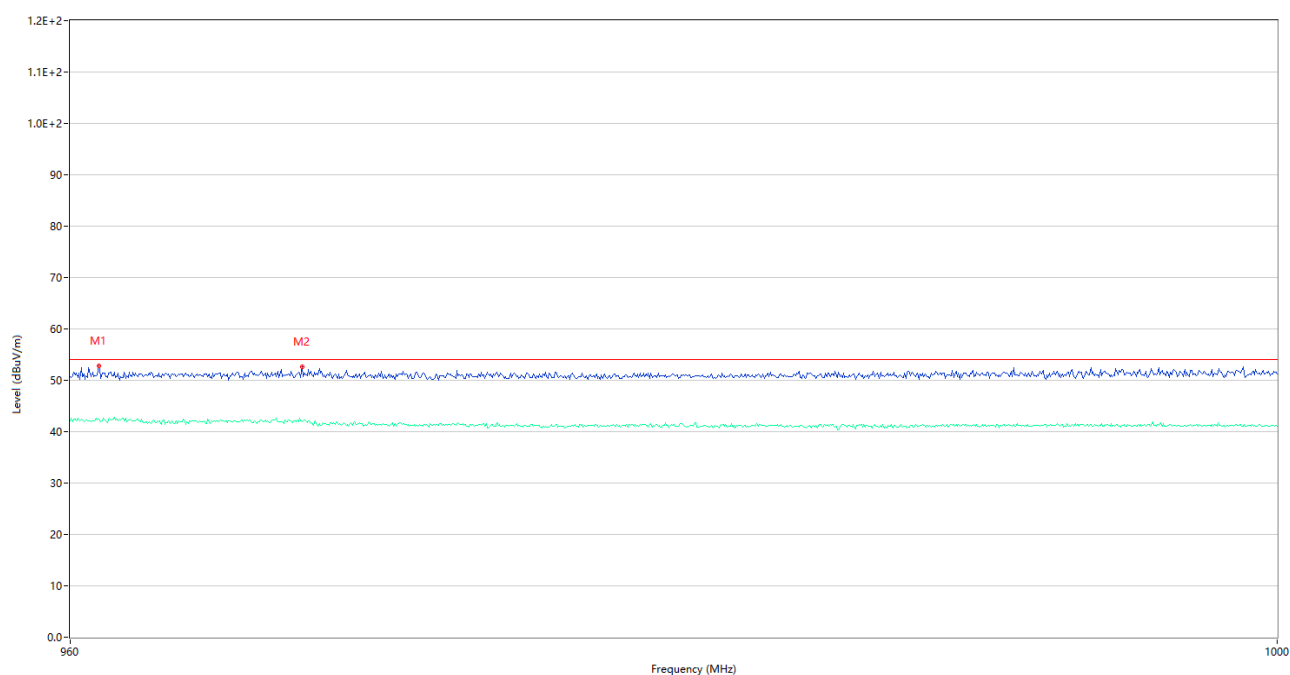
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1093.840	45.17	-10.83	54.0	8.83	Peak	130.00	150	Horizontal	Pass
1**	1093.840	32.96	-10.83	--	-32.96	AV	130.00	150	Horizontal	N/A
2	1177.840	45.48	-10.61	54.0	8.52	Peak	74.00	150	Horizontal	Pass
2**	1177.840	33.48	-10.61	--	-33.48	AV	74.00	150	Horizontal	N/A

LORA (500K) LOW CHANNE



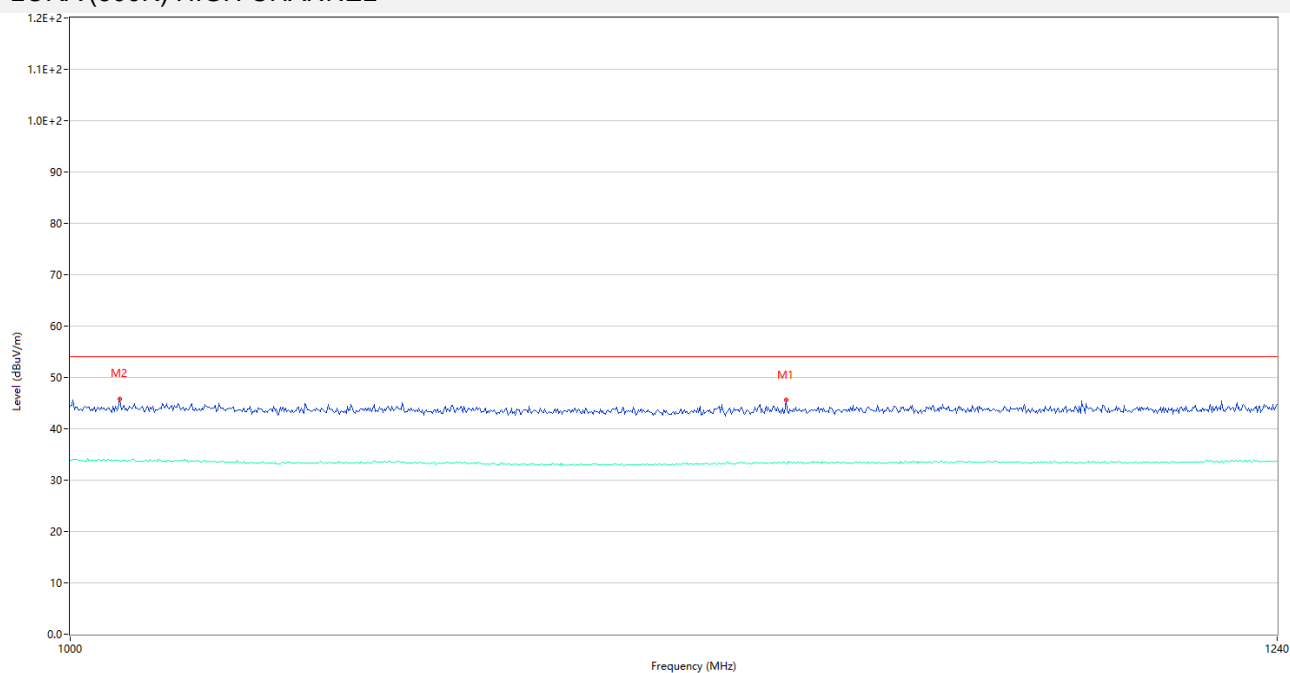
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	612.926	45.65	-4.71	54.0	8.35	Peak	216.00	150	Vertical	Pass
1**	612.926	34.55	-4.71	--	-34.55	AV	216.00	150	Vertical	N/A
2	608.108	46.66	-4.75	54.0	7.34	Peak	87.00	150	Vertical	Pass
2**	608.108	34.43	-4.75	--	-34.43	AV	87.00	150	Vertical	N/A

LORA (500K) HIGH CHANNEL



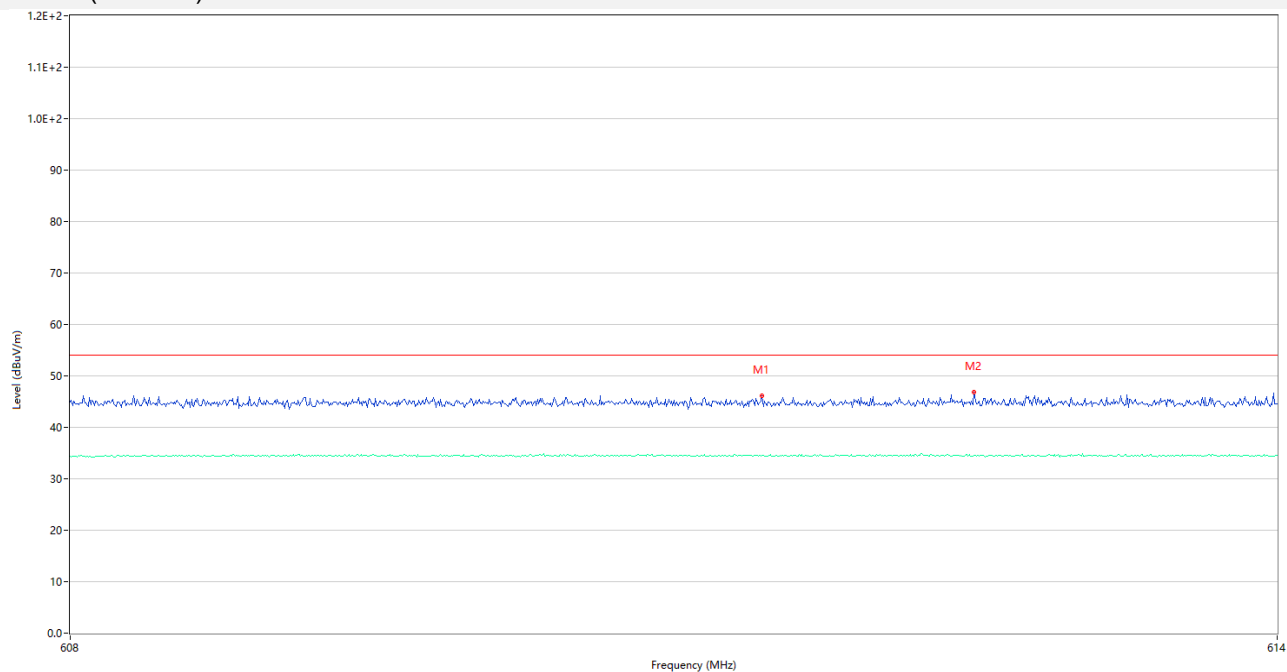
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	960.920	52.74	1.28	54.0	1.26	Peak	52.00	150	Horizontal	Pass
1**	960.920	42.37	1.28	--	-42.37	AV	52.00	150	Horizontal	N/A
2	967.560	52.56	1.38	54.0	1.44	Peak	29.00	150	Horizontal	Pass
2**	967.560	41.95	1.38	--	-41.95	AV	29.00	150	Horizontal	N/A

LORA (500K) HIGH CHANNEL



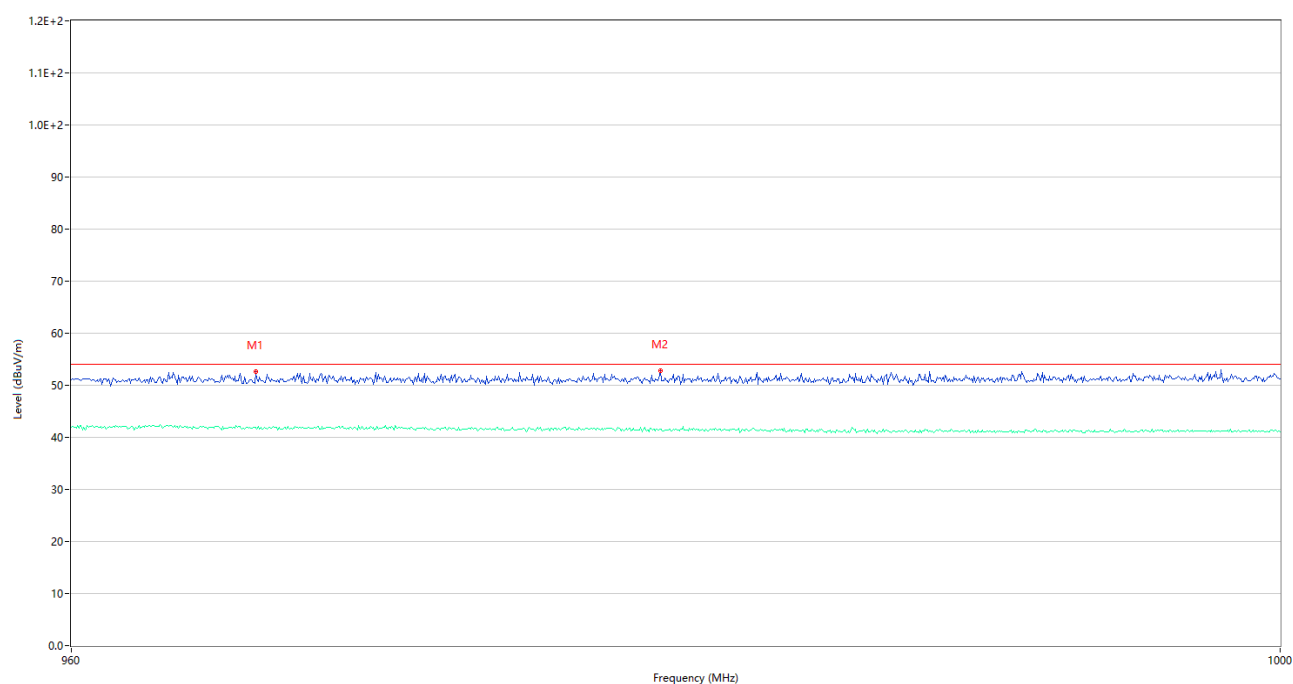
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1136.080	45.60	-10.77	54.0	8.40	Peak	0.00	150	Horizontal	Pass
1**	1136.080	33.23	-10.77	--	-33.23	AV	0.00	150	Horizontal	N/A
2	1008.880	45.82	-9.80	54.0	8.18	Peak	359.00	150	Horizontal	Pass
2**	1008.880	33.69	-9.80	--	-33.69	AV	359.00	150	Horizontal	N/A

LORA (FSK-HS) LOW CHANNEL



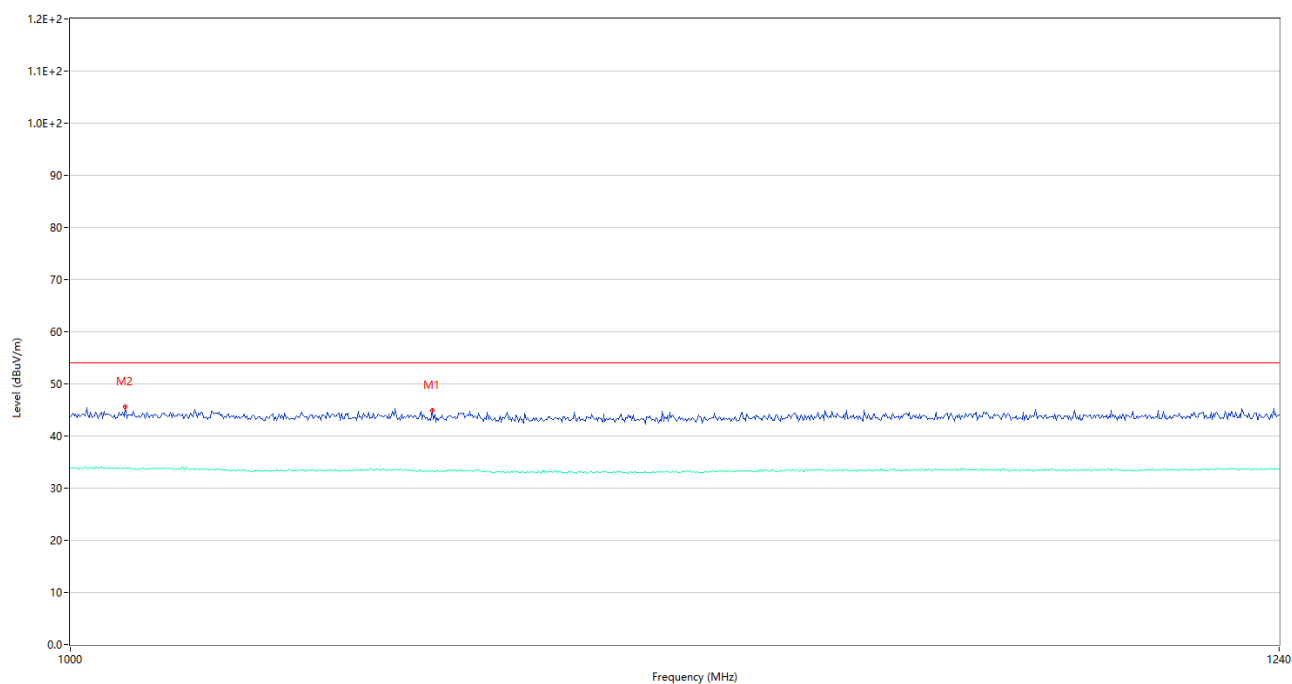
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	611.432	46.22	-4.72	54.0	7.78	Peak	360.00	150	Vertical	Pass
1**	611.432	34.62	-4.72	--	-34.62	AV	360.00	150	Vertical	N/A
2	612.488	46.86	-4.68	54.0	7.14	Peak	146.00	150	Vertical	Pass
2**	612.488	34.57	-4.68	--	-34.57	AV	146.00	150	Vertical	N/A

LORA (FSK-HS) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	966.000	52.60	1.32	54.0	1.40	Peak	360.00	150	Vertical	Pass
1**	966.000	41.88	1.32	--	-41.88	AV	360.00	150	Vertical	N/A
2	979.280	52.82	1.47	54.0	1.18	Peak	16.00	150	Vertical	Pass
2**	979.280	41.60	1.47	--	-41.60	AV	16.00	150	Vertical	N/A

LORA (FSK-HS) HIGH CHANNE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.480	44.85	-10.36	54.0	9.15	Peak	0.00	150	Vertical	Pass
1**	1066.480	33.32	-10.36	--	-33.32	AV	0.00	150	Vertical	N/A
2	1009.840	45.60	-9.83	54.0	8.40	Peak	0.00	150	Vertical	Pass
2**	1009.840	33.94	-9.83	--	-33.94	AV	0.00	150	Vertical	N/A

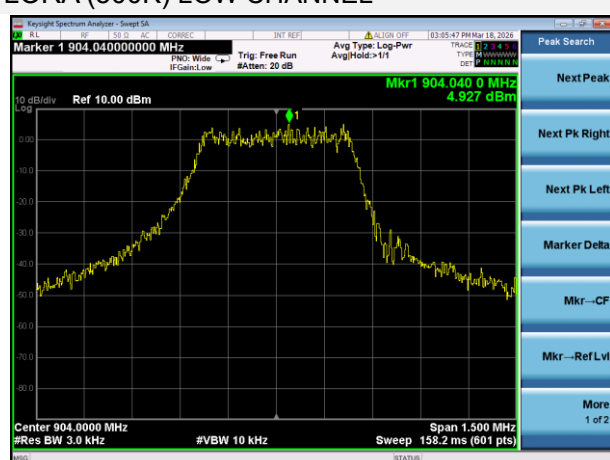
A.8 Power Spectral Density (PSD)

Test Data

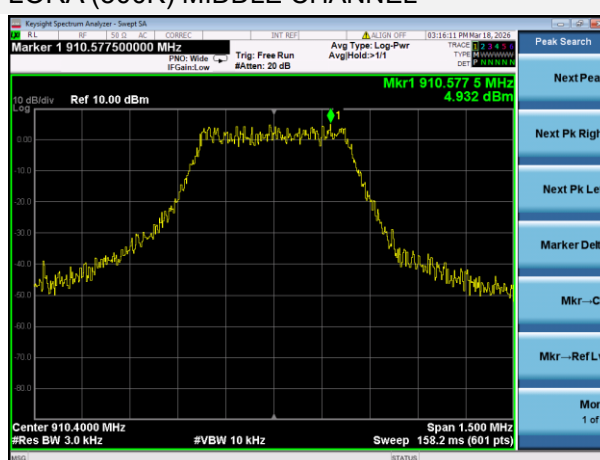
LORA (500K)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	4.93	8	Pass
Middle	4.93	8	Pass
High	4.66	8	Pass

Test Plots

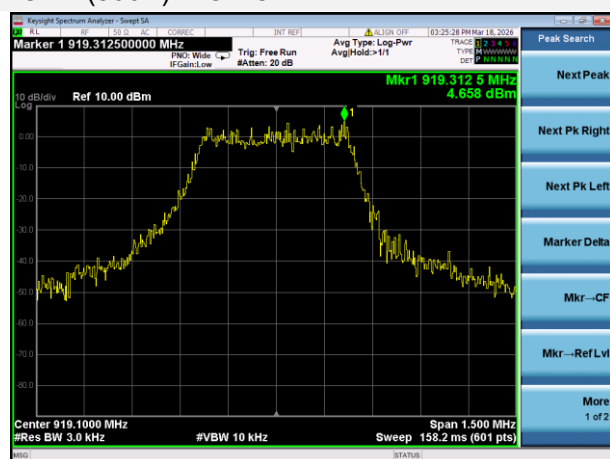
LORA (500K) LOW CHANNEL



LORA (500K) MIDDLE CHANNEL



LORA (500K) HIGH CHANNEL



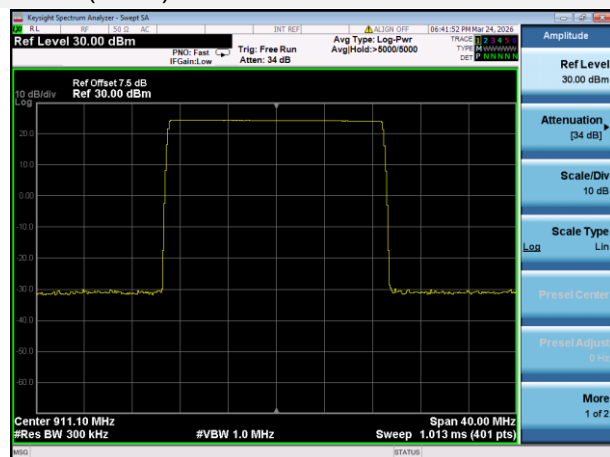
A.9 Number of Hopping Frequency

Test Data

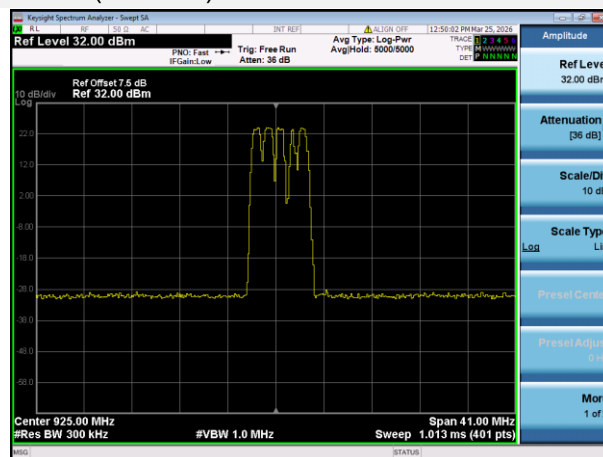
Test Mode	Frequency Block (MHz)	Measured Channel Numbers	Min. Limit	Verdict
LORA(125K)	902.3-919.8	88	50	Pass
LORA(FSK-HS)	923.3-927.5	8	N/A	Pass

Test Plots

LORA (125K)



LORA (FSK-HS)



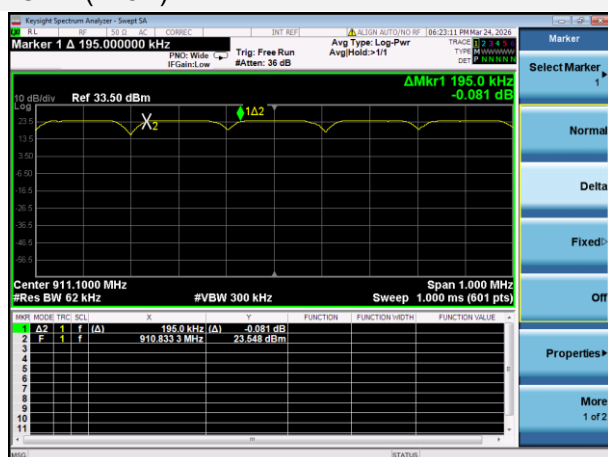
A.10 Hopping Frequency Separation

Test Data

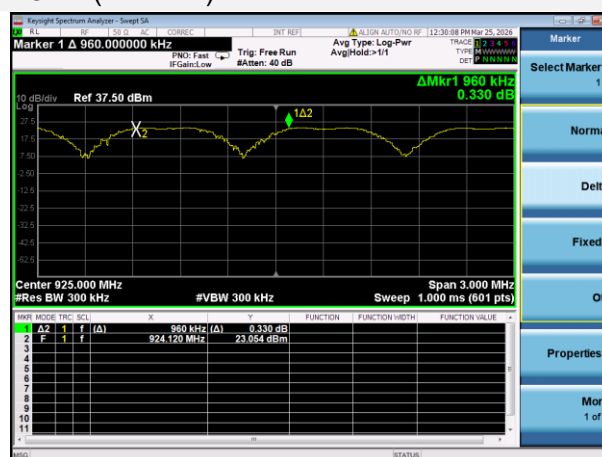
Mode	Frequency separation (MHz)	Max 20 dB Bandwidth (MHz)	Verdict
LORA(125K)	0.195	0.110	Pass
LORA(FSK-HS)	0.960	0.333	Pass

Test Plots

LORA (125K)



LORA (FSK-HS)



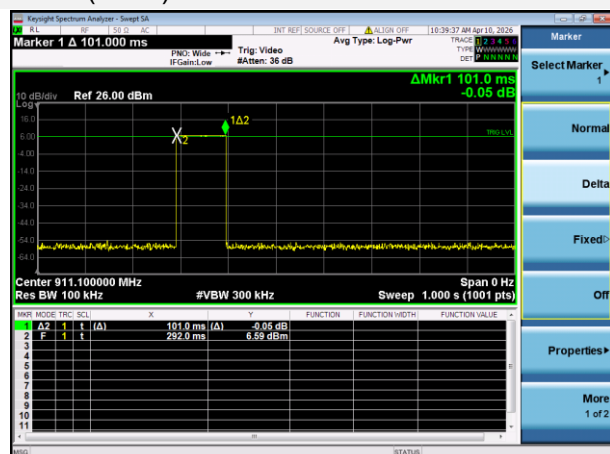
A.11 Average Time of Occupancy

Test Data

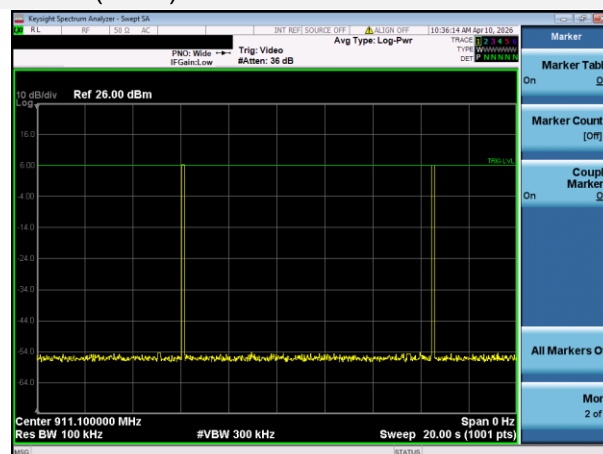
Mode	Total of Dwell (ms)	Limit (sec)	Verdict
LORA(125K)	202.0	0.4	Pass
LORA(FSK-HS)	204.0	0.4	Pass

Test Plots

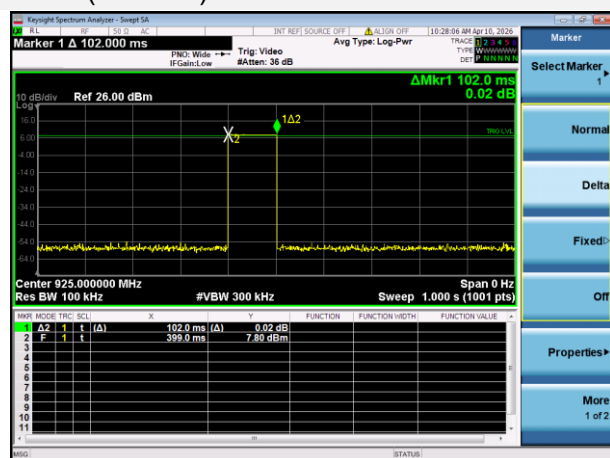
LORA (125K)



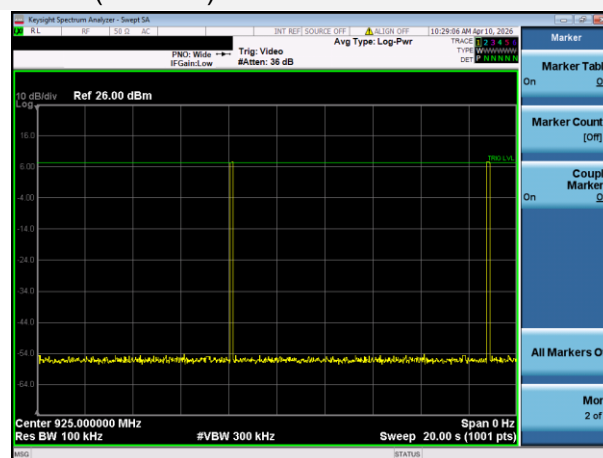
LORA (125K)



LORA (FSK-HS)



LORA (FSK-HS)



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26030001-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26030001-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26030001-AI.PDF”.

Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
3. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the test report stamp.
4. The test data and results are only valid for the tested samples provided by the customer.
5. This report shall not be partially reproduced without the written permission of the Testing Center.
6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

-END OF REPORT-