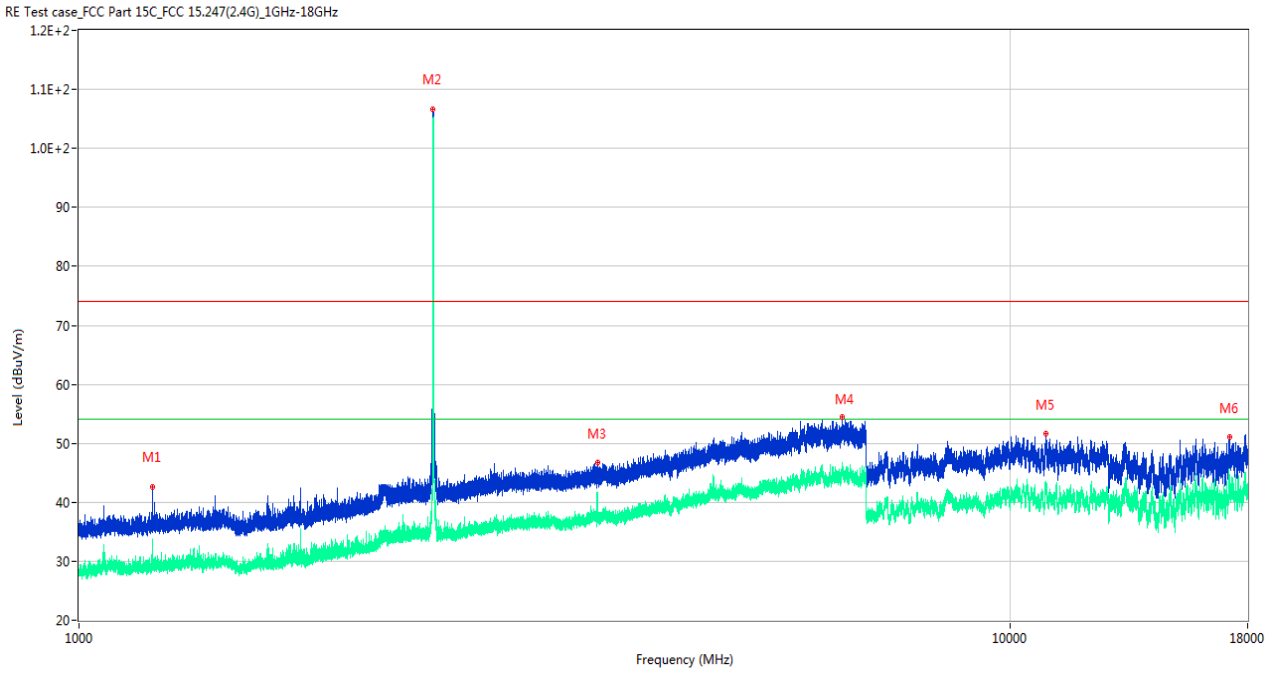
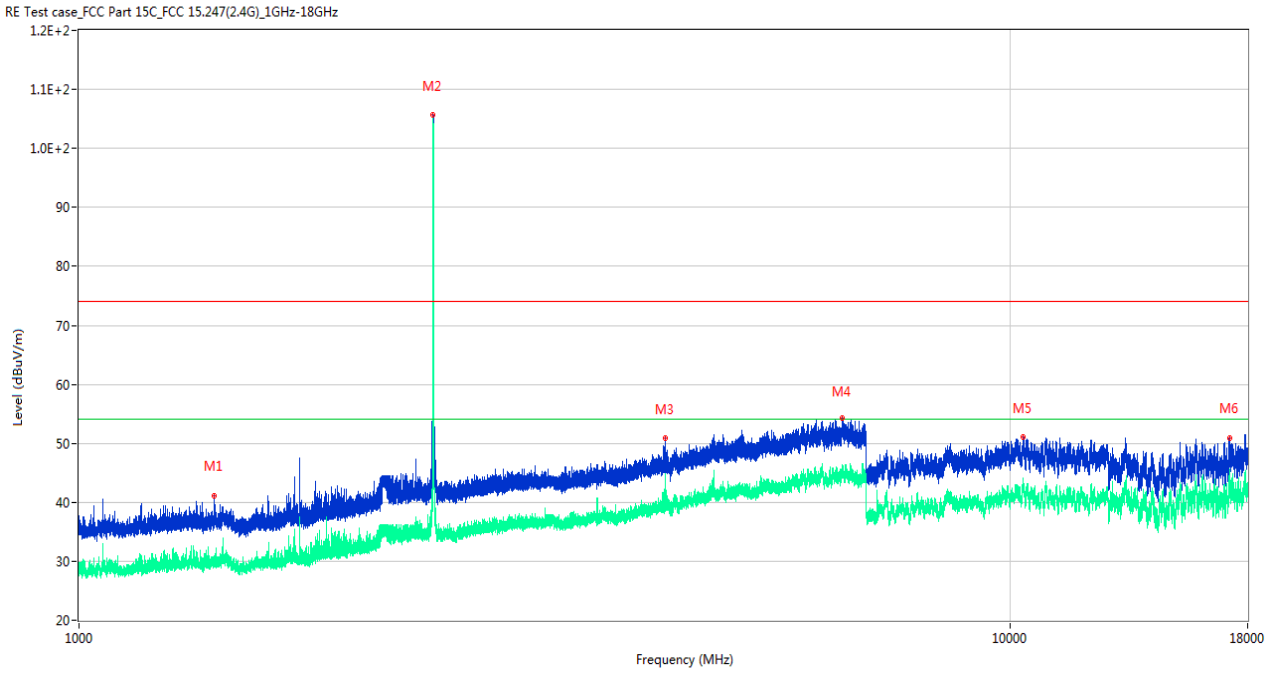
GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



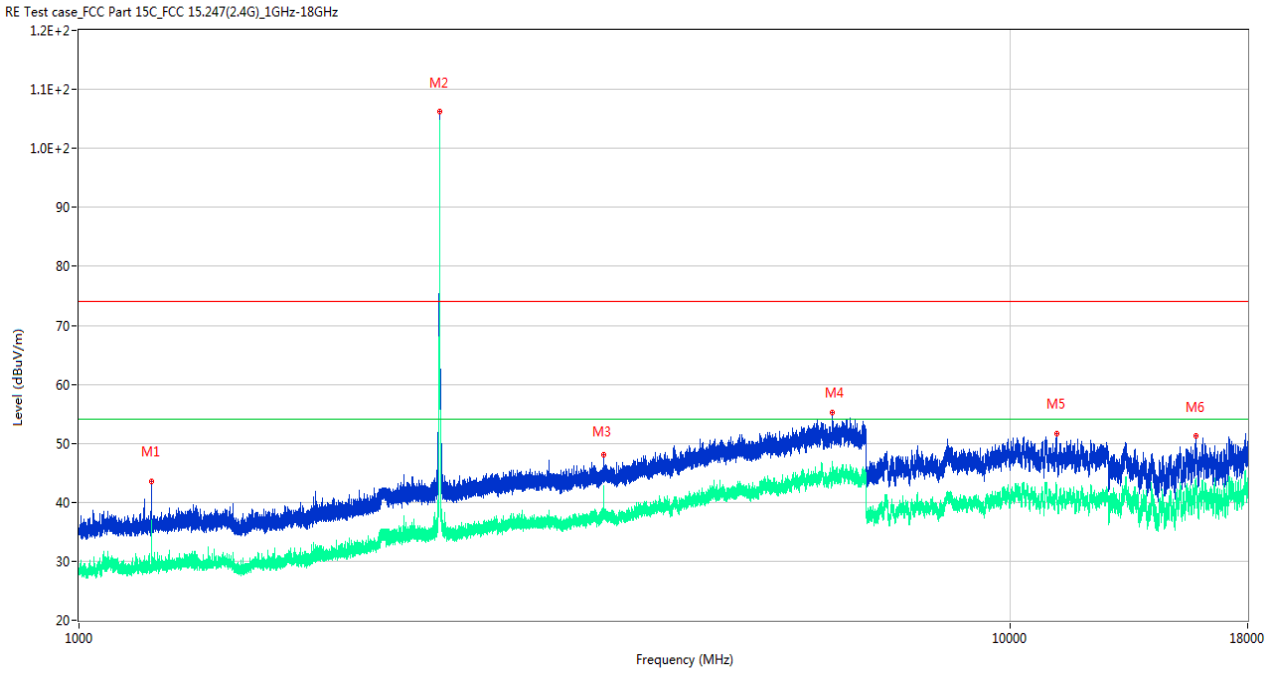
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.400	42.63	-17.87	74.0	31.37	Peak	69.00	100	Horizontal	Pass
1**	1198.400	28.93	-17.87	54.0	25.07	AV	69.00	100	Horizontal	Pass
2	2401.500	106.72	-11.74	74.0	-32.72	Peak	155.00	100	Horizontal	N/A
2**	2401.500	104.43	-11.74	54.0	-50.43	AV	155.00	100	Horizontal	N/A
3	3603.400	46.79	-6.72	74.0	27.21	Peak	346.00	100	Horizontal	Pass
3**	3603.400	40.51	-6.72	54.0	13.49	AV	346.00	100	Horizontal	Pass
4	6608.600	54.42	1.94	74.0	19.58	Peak	251.00	200	Horizontal	Pass
4**	6608.600	45.36	1.94	54.0	8.64	AV	251.00	200	Horizontal	Pass
5	10941.912	51.55	-0.09	74.0	22.45	Peak	0.00	200	Horizontal	Pass
5**	10941.912	42.97	-0.09	54.0	11.03	AV	0.00	200	Horizontal	Pass
6	17206.198	51.03	1.60	74.0	22.97	Peak	0.00	300	Horizontal	Pass
6**	17206.198	42.45	1.60	54.0	11.55	AV	0.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



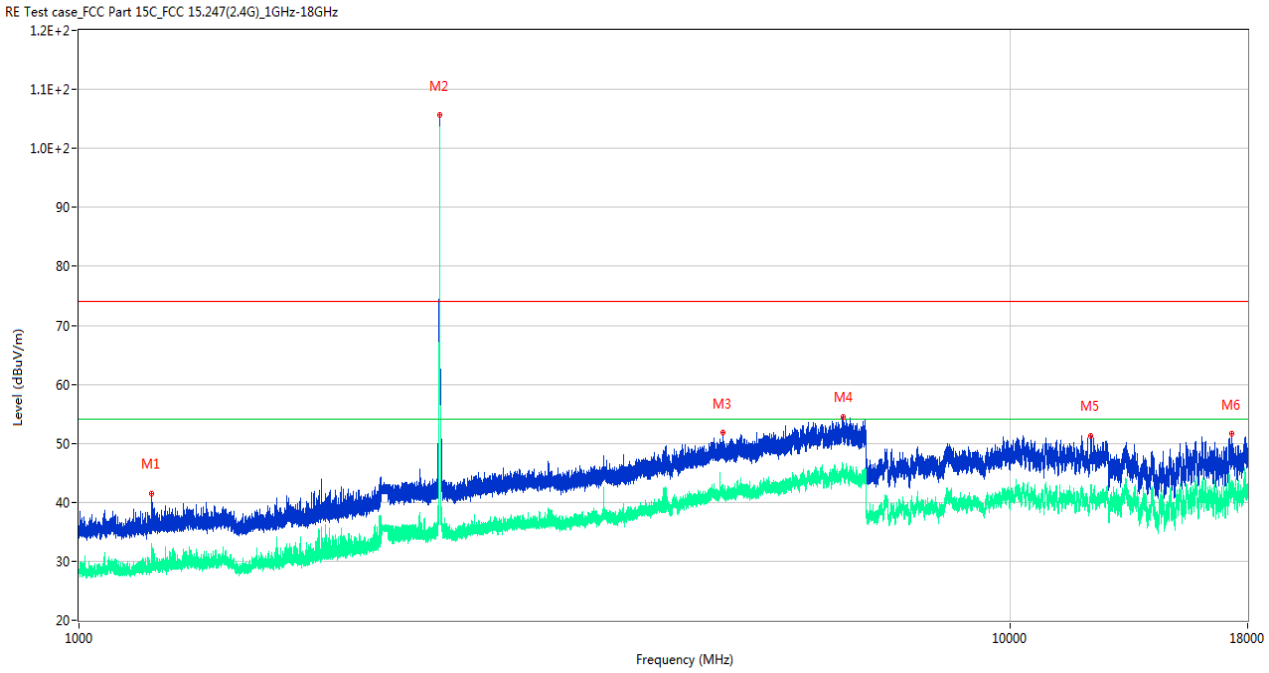
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.800	41.18	-17.26	74.0	32.82	Peak	161.00	200	Vertical	Pass
1**	1397.800	29.80	-17.26	54.0	24.20	AV	161.00	200	Vertical	Pass
2	2401.600	105.60	-11.74	74.0	-31.60	Peak	131.00	200	Vertical	N/A
2**	2401.600	105.33	-11.74	54.0	-51.33	AV	131.00	200	Vertical	N/A
3	4265.400	50.95	-3.96	74.0	23.05	Peak	63.00	100	Vertical	Pass
3**	4265.400	43.82	-3.96	54.0	10.18	AV	63.00	100	Vertical	Pass
4	6608.200	54.36	1.93	74.0	19.64	Peak	8.00	100	Vertical	Pass
4**	6608.200	45.57	1.93	54.0	8.43	AV	8.00	100	Vertical	Pass
5	10336.725	50.99	0.07	74.0	23.01	Peak	83.00	200	Vertical	Pass
5**	10336.725	44.15	0.07	54.0	9.85	AV	83.00	200	Vertical	Pass
6	17213.026	50.97	1.43	74.0	23.03	Peak	178.00	200	Vertical	Pass
6**	17213.026	43.62	1.43	54.0	10.38	AV	178.00	200	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



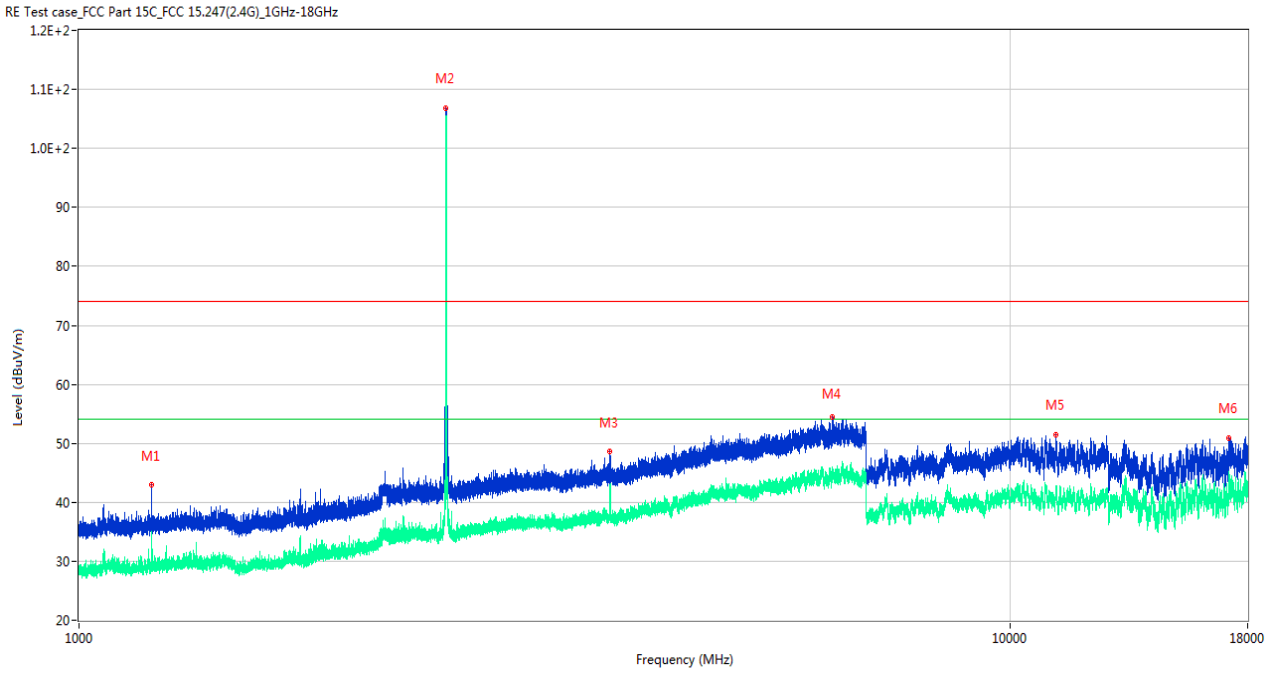
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	43.55	-17.83	74.0	30.45	Peak	343.00	300	Horizontal	Pass
1**	1196.500	28.93	-17.83	54.0	25.07	AV	343.00	300	Horizontal	Pass
2	2439.600	106.23	-12.28	74.0	-32.23	Peak	149.00	100	Horizontal	N/A
2**	2439.600	103.07	-12.28	54.0	-49.07	AV	149.00	100	Horizontal	N/A
3	3659.800	47.98	-6.41	74.0	26.02	Peak	318.00	100	Horizontal	Pass
3**	3659.800	40.56	-6.41	54.0	13.44	AV	318.00	100	Horizontal	Pass
4	6447.600	55.24	2.15	74.0	18.76	Peak	129.00	100	Horizontal	Pass
4**	6447.600	45.54	2.15	54.0	8.46	AV	129.00	100	Horizontal	Pass
5	11215.037	51.67	-0.19	74.0	22.33	Peak	116.00	400	Horizontal	Pass
5**	11215.037	41.60	-0.19	54.0	12.40	AV	116.00	400	Horizontal	Pass
6	15824.925	51.19	1.64	74.0	22.81	Peak	64.00	300	Horizontal	Pass
6**	15824.925	42.97	1.64	54.0	11.03	AV	64.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



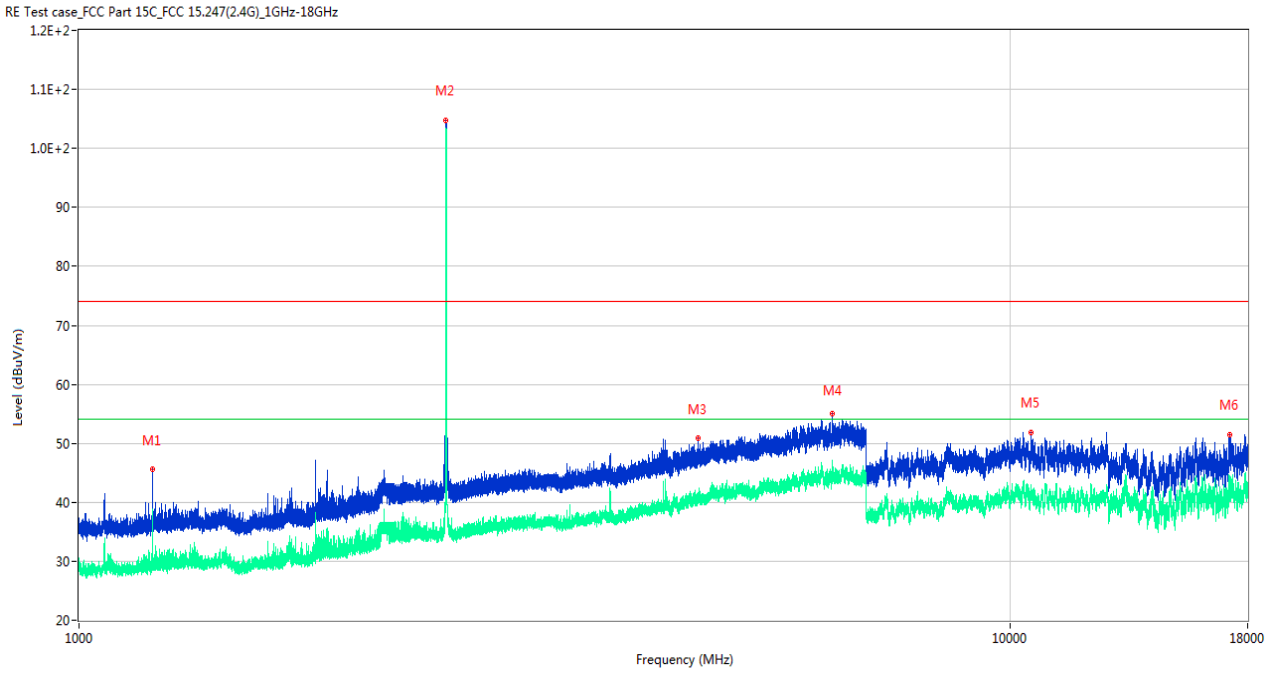
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	41.50	-17.83	74.0	32.50	Peak	46.00	300	Vertical	Pass
1**	1196.500	28.95	-17.83	54.0	25.05	AV	46.00	300	Vertical	Pass
2	2440.600	105.63	-12.22	74.0	-31.63	Peak	135.00	100	Vertical	N/A
2**	2440.600	102.01	-12.22	54.0	-48.01	AV	135.00	100	Vertical	N/A
3	4921.200	51.75	-2.35	74.0	22.25	Peak	61.00	150	Vertical	Pass
3**	4921.200	41.32	-2.35	54.0	12.68	AV	61.00	150	Vertical	Pass
4	6612.200	54.50	2.16	74.0	19.50	Peak	262.00	400	Vertical	Pass
4**	6612.200	45.68	2.16	54.0	8.32	AV	262.00	400	Vertical	Pass
5	12214.963	51.33	1.18	74.0	22.67	Peak	330.00	200	Vertical	Pass
5**	12214.963	42.61	1.18	54.0	11.39	AV	330.00	200	Vertical	Pass
6	17287.313	51.55	1.69	74.0	22.45	Peak	349.00	400	Vertical	Pass
6**	17287.313	42.08	1.69	54.0	11.92	AV	349.00	400	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.800	42.89	-17.86	74.0	31.11	Peak	7.00	300	Horizontal	Pass
1**	1197.800	28.65	-17.86	54.0	25.35	AV	7.00	300	Horizontal	Pass
2	2479.500	106.83	-12.21	74.0	-32.83	Peak	148.00	200	Horizontal	N/A
2**	2479.500	104.94	-12.21	54.0	-50.94	AV	148.00	200	Horizontal	N/A
3	3719.800	48.66	-5.86	74.0	25.34	Peak	313.00	100	Horizontal	Pass
3**	3719.800	42.23	-5.86	54.0	11.77	AV	313.00	100	Horizontal	Pass
4	6449.600	54.51	1.96	74.0	19.49	Peak	174.00	100	Horizontal	Pass
4**	6449.600	44.76	1.96	54.0	9.24	AV	174.00	100	Horizontal	Pass
5	11213.312	51.49	-0.20	74.0	22.51	Peak	43.00	200	Horizontal	Pass
5**	11213.312	42.65	-0.20	54.0	11.35	AV	43.00	200	Horizontal	Pass
6	17190.713	50.91	2.31	74.0	23.09	Peak	206.00	400	Horizontal	Pass
6**	17190.713	43.00	2.31	54.0	11.00	AV	206.00	400	Horizontal	Pass

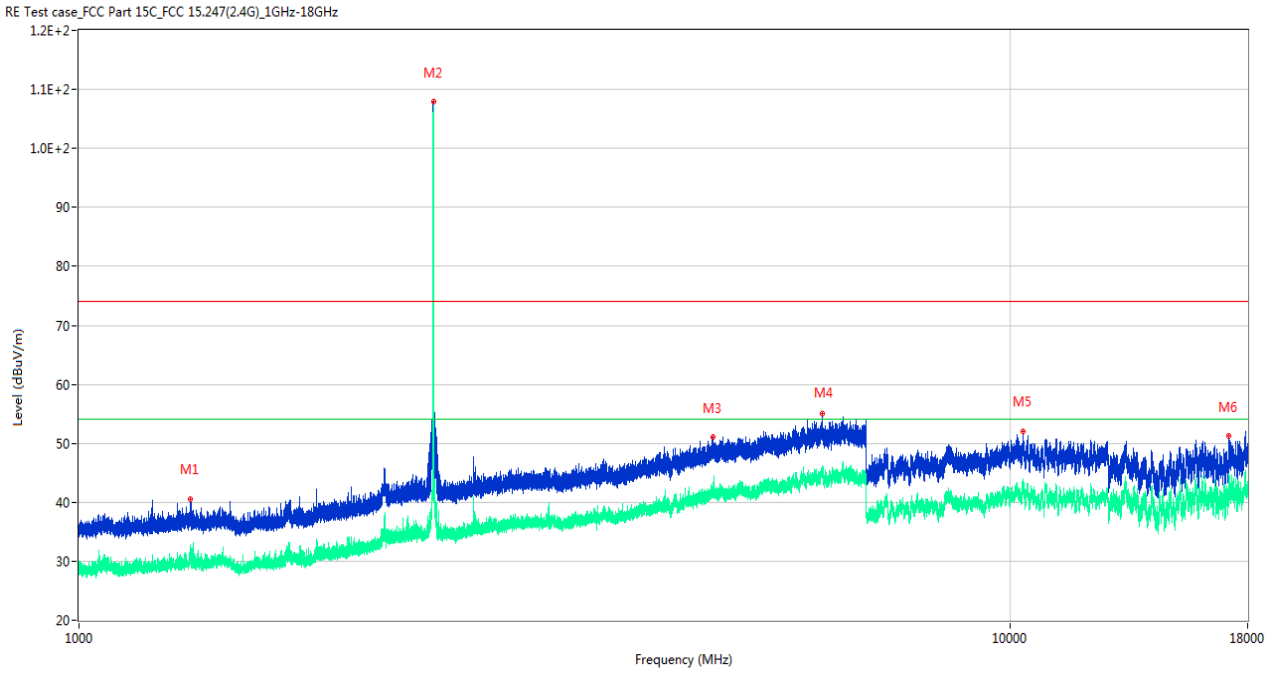
GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.300	45.52	-17.86	74.0	28.48	Peak	52.00	200	Vertical	Pass
1**	1199.300	28.41	-17.86	54.0	25.59	AV	52.00	200	Vertical	Pass
2	2479.600	104.76	-12.21	74.0	-30.76	Peak	133.00	200	Vertical	N/A
2**	2479.600	102.13	-12.21	54.0	-48.13	AV	133.00	200	Vertical	N/A
3	4626.600	50.94	-3.60	74.0	23.06	Peak	103.00	100	Vertical	Pass
3**	4626.600	40.60	-3.60	54.0	13.40	AV	103.00	100	Vertical	Pass
4	6447.000	55.07	2.07	74.0	18.93	Peak	243.00	300	Vertical	Pass
4**	6447.000	44.69	2.07	54.0	9.31	AV	243.00	300	Vertical	Pass
5	10539.125	51.90	-0.65	74.0	22.10	Peak	304.00	100	Vertical	Pass
5**	10539.125	42.94	-0.65	54.0	11.06	AV	304.00	100	Vertical	Pass
6	17203.575	51.46	1.71	74.0	22.54	Peak	279.00	200	Vertical	Pass
6**	17203.575	42.58	1.71	54.0	11.42	AV	279.00	200	Vertical	Pass

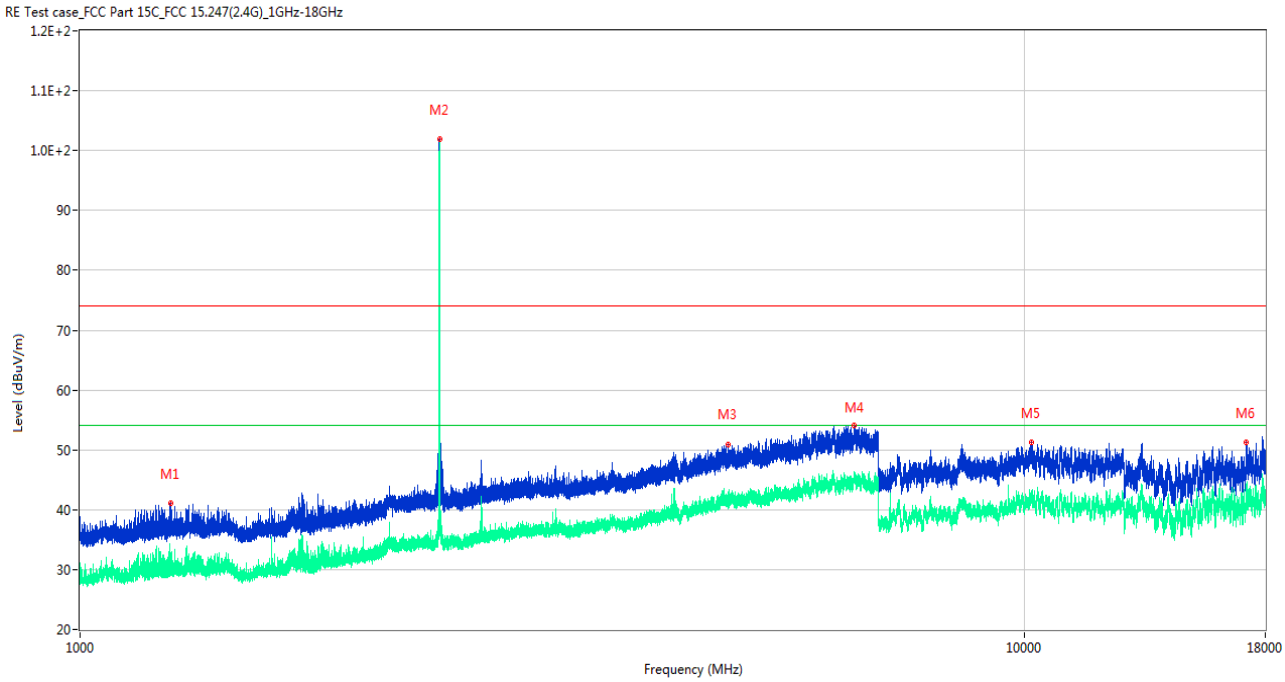
PCB Antenna

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



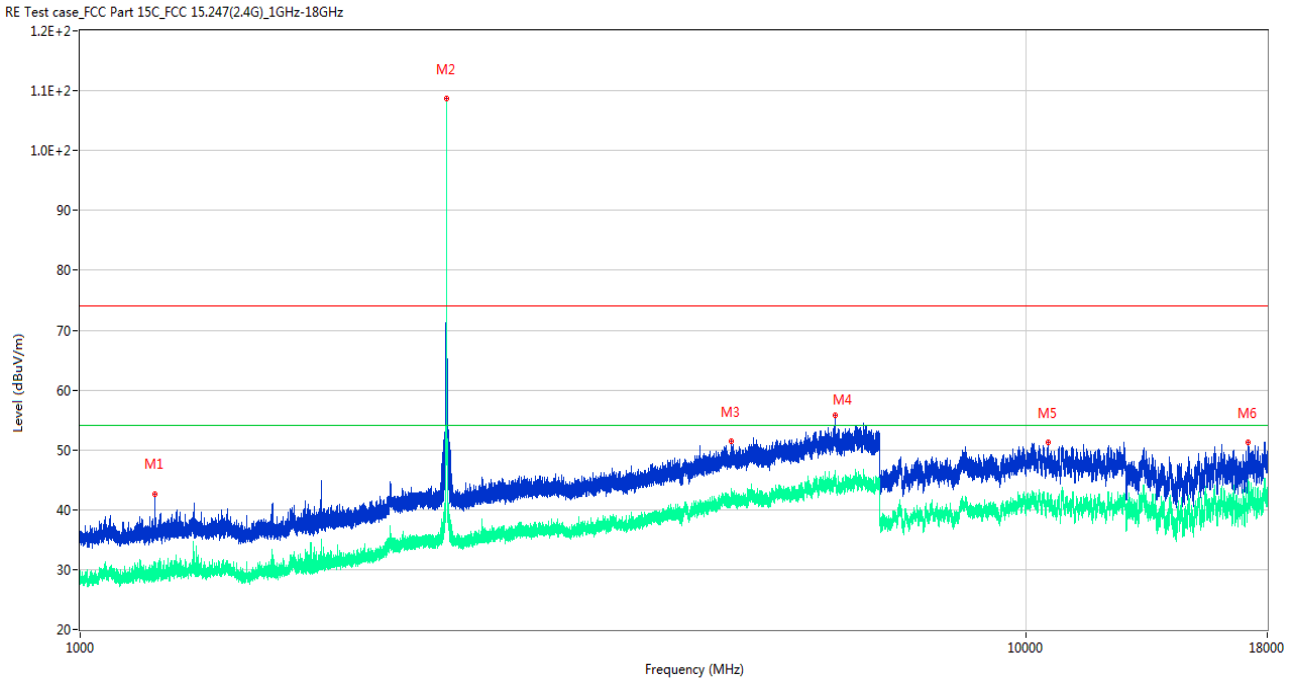
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.200	40.56	-17.02	74.0	33.44	Peak	67.00	400	Horizontal	Pass
1**	1318.200	30.41	-17.02	54.0	23.59	AV	67.00	400	Horizontal	Pass
2	2402.200	107.87	-11.74	74.0	-33.87	Peak	178.00	150	Horizontal	N/A
2**	2402.200	107.20	-11.74	54.0	-53.20	AV	178.00	150	Horizontal	N/A
3	4797.800	51.03	-1.96	74.0	22.97	Peak	142.00	100	Horizontal	Pass
3**	4797.800	41.07	-1.96	54.0	12.93	AV	142.00	100	Horizontal	Pass
4	6288.400	54.97	1.46	74.0	19.03	Peak	0.00	200	Horizontal	Pass
4**	6288.400	45.12	1.46	54.0	8.88	AV	0.00	200	Horizontal	Pass
5	10332.701	52.01	0.04	74.0	21.99	Peak	360.00	300	Horizontal	Pass
5**	10332.701	42.40	0.04	54.0	11.60	AV	360.00	300	Horizontal	Pass
6	17198.324	51.18	1.99	74.0	22.82	Peak	62.00	200	Horizontal	Pass
6**	17198.324	42.97	1.99	54.0	11.03	AV	62.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



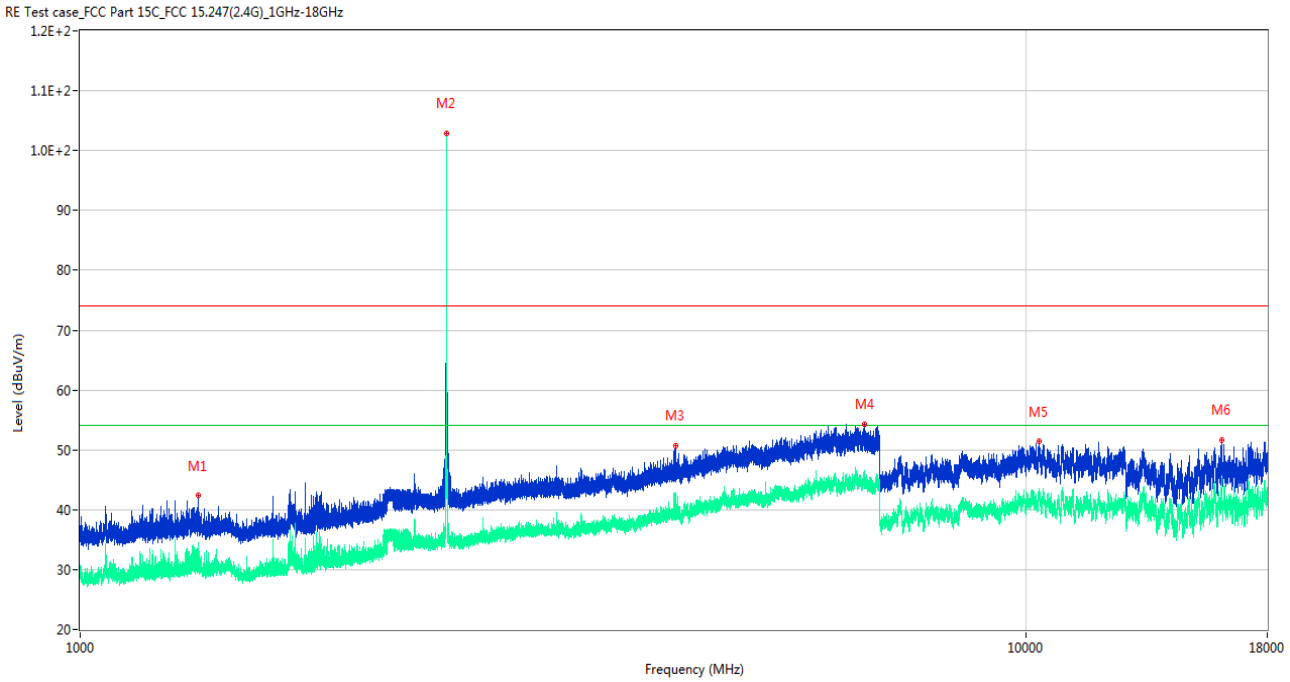
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1246.400	41.03	-17.40	74.0	32.97	Peak	85.00	300	Vertical	Pass
1**	1246.400	32.17	-17.40	54.0	21.83	AV	85.00	300	Vertical	Pass
2	2402.300	101.87	-11.74	74.0	-27.87	Peak	119.00	150	Vertical	N/A
2**	2402.300	100.60	-11.74	54.0	-46.60	AV	119.00	150	Vertical	N/A
3	4860.800	50.96	-2.70	74.0	23.04	Peak	37.00	200	Vertical	Pass
3**	4860.800	41.56	-2.70	54.0	12.44	AV	37.00	200	Vertical	Pass
4	6603.000	54.15	1.53	74.0	19.85	Peak	37.00	300	Vertical	Pass
4**	6603.000	45.78	1.53	54.0	8.22	AV	37.00	300	Vertical	Pass
5	10186.075	51.24	0.18	74.0	22.76	Peak	0.00	300	Vertical	Pass
5**	10186.075	42.52	0.18	54.0	11.48	AV	0.00	300	Vertical	Pass
6	17196.225	51.22	2.12	74.0	22.78	Peak	274.00	400	Vertical	Pass
6**	17196.225	43.42	2.12	54.0	10.58	AV	274.00	400	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



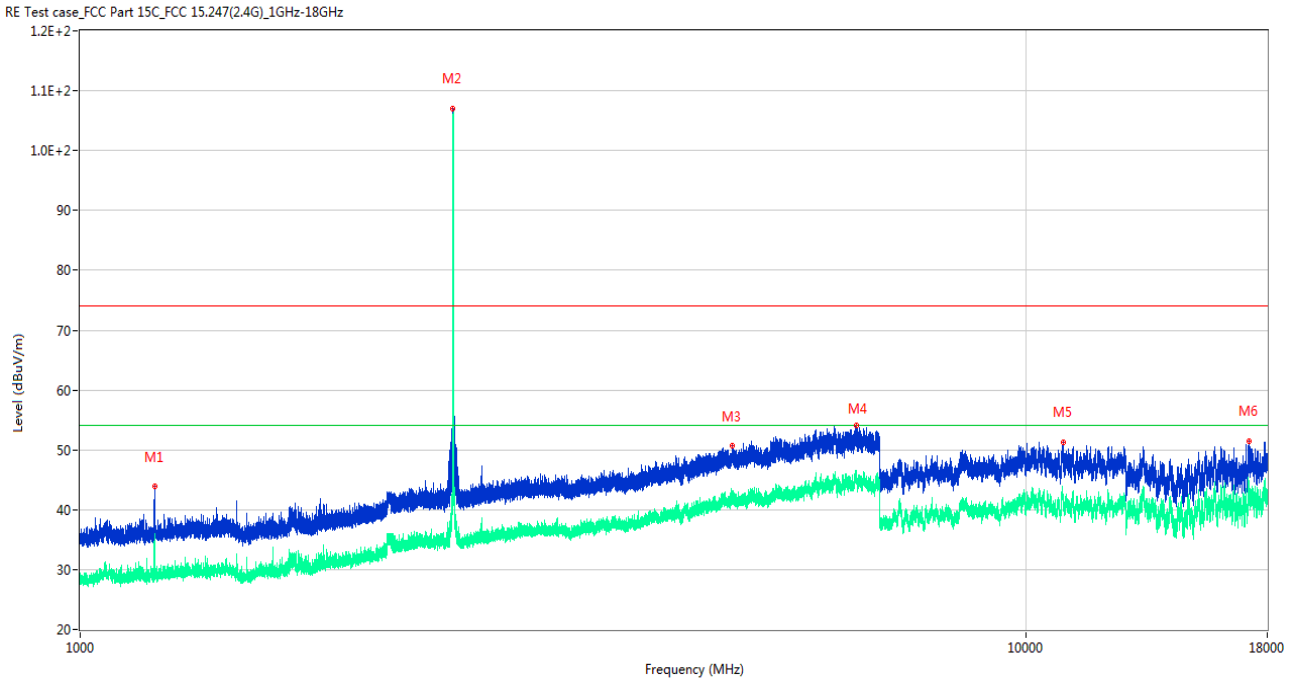
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.800	42.66	-17.88	74.0	31.34	Peak	85.00	200	Horizontal	Pass
1**	1198.800	31.28	-17.88	54.0	22.72	AV	85.00	200	Horizontal	Pass
2	2439.800	108.65	-12.27	74.0	-34.65	Peak	166.00	200	Horizontal	N/A
2**	2439.800	108.14	-12.27	54.0	-54.14	AV	166.00	200	Horizontal	N/A
3	4881.200	51.39	-2.62	74.0	22.61	Peak	341.00	150	Horizontal	Pass
3**	4881.200	40.96	-2.62	54.0	13.04	AV	341.00	150	Horizontal	Pass
4	6291.600	55.70	1.19	74.0	18.30	Peak	70.00	200	Horizontal	Pass
4**	6291.600	45.25	1.19	54.0	8.75	AV	70.00	200	Horizontal	Pass
5	10569.312	51.25	-1.01	74.0	22.75	Peak	349.00	300	Horizontal	Pass
5**	10569.312	41.60	-1.01	54.0	12.40	AV	349.00	300	Horizontal	Pass
6	17197.801	51.21	2.02	74.0	22.79	Peak	128.00	100	Horizontal	Pass
6**	17197.801	44.85	2.02	54.0	9.15	AV	128.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



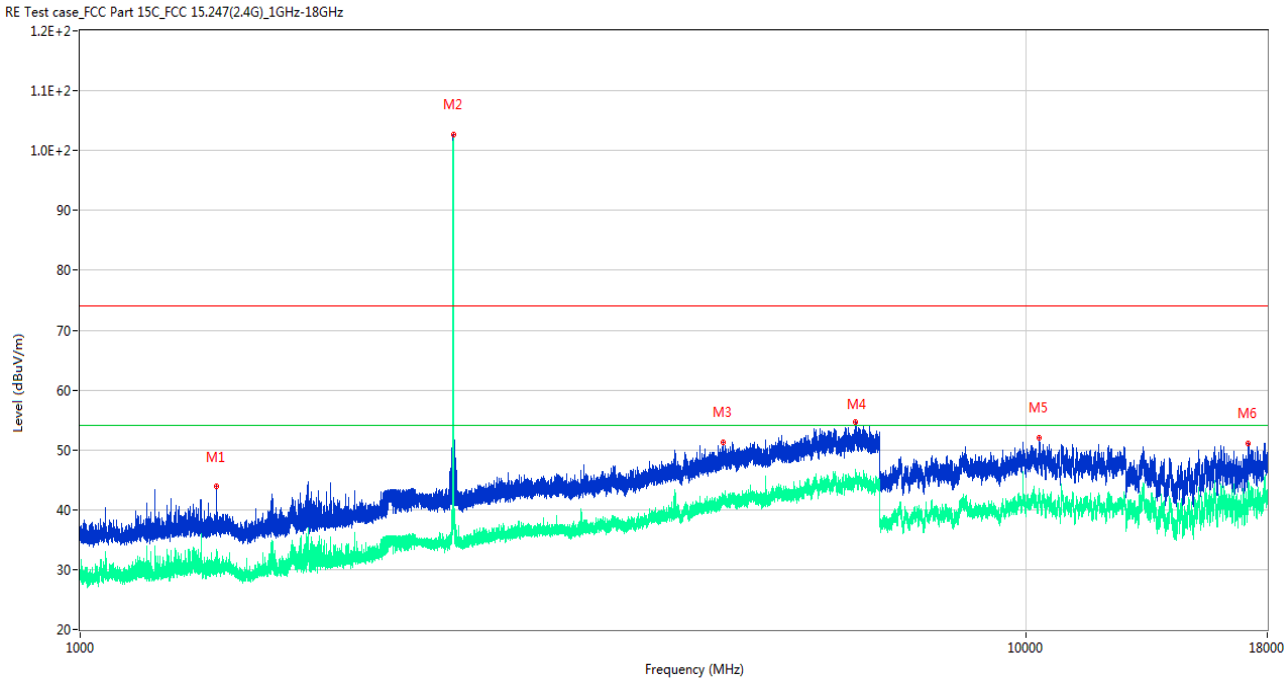
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.600	42.40	-17.09	74.0	31.60	Peak	81.00	400	Vertical	Pass
1**	1332.600	31.33	-17.09	54.0	22.67	AV	81.00	400	Vertical	Pass
2	2439.800	102.88	-12.27	74.0	-28.88	Peak	184.00	100	Vertical	N/A
2**	2439.800	101.63	-12.27	54.0	-47.63	AV	184.00	100	Vertical	N/A
3	4260.000	50.61	-4.53	74.0	23.39	Peak	62.00	200	Vertical	Pass
3**	4260.000	39.43	-4.53	54.0	14.57	AV	62.00	200	Vertical	Pass
4	6743.800	54.22	1.99	74.0	19.78	Peak	263.00	400	Vertical	Pass
4**	6743.800	45.95	1.99	54.0	8.05	AV	263.00	400	Vertical	Pass
5	10323.500	51.37	-0.10	74.0	22.63	Peak	187.00	300	Vertical	Pass
5**	10323.500	42.72	-0.10	54.0	11.28	AV	187.00	300	Vertical	Pass
6	16110.000	51.64	0.77	74.0	22.36	Peak	169.00	400	Vertical	Pass
6**	16110.000	43.52	0.77	54.0	10.48	AV	169.00	400	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



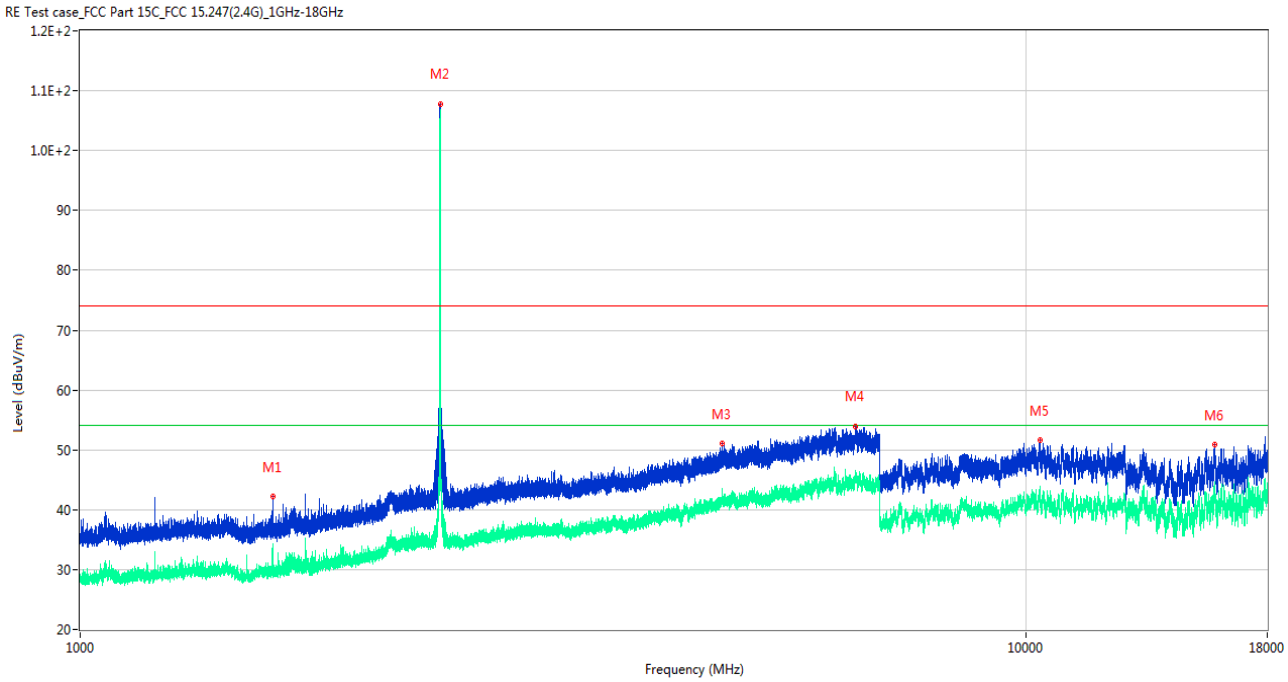
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.400	43.86	-17.85	74.0	30.14	Peak	73.00	100	Horizontal	Pass
1**	1199.400	29.07	-17.85	54.0	24.93	AV	73.00	100	Horizontal	Pass
2	2479.700	107.00	-12.21	74.0	-33.00	Peak	170.00	150	Horizontal	N/A
2**	2479.700	106.11	-12.21	54.0	-52.11	AV	170.00	150	Horizontal	N/A
3	4890.200	50.64	-2.53	74.0	23.36	Peak	189.00	100	Horizontal	Pass
3**	4890.200	41.36	-2.53	54.0	12.64	AV	189.00	100	Horizontal	Pass
4	6611.800	54.16	2.14	74.0	19.84	Peak	189.00	400	Horizontal	Pass
4**	6611.800	46.39	2.14	54.0	7.61	AV	189.00	400	Horizontal	Pass
5	10945.937	51.32	-0.15	74.0	22.68	Peak	299.00	200	Horizontal	Pass
5**	10945.937	41.55	-0.15	54.0	12.45	AV	299.00	200	Horizontal	Pass
6	17205.412	51.47	1.63	74.0	22.53	Peak	151.00	100	Horizontal	Pass
6**	17205.412	43.08	1.63	54.0	10.92	AV	151.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



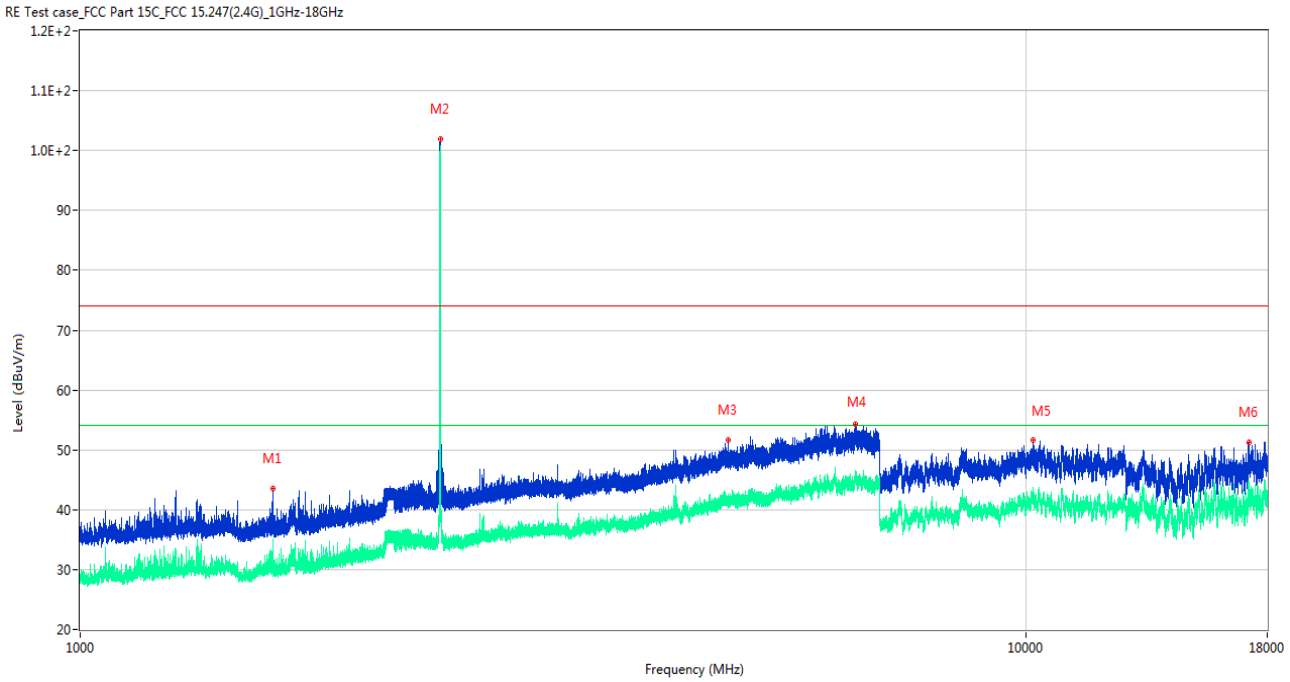
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1394.600	43.85	-17.57	74.0	30.15	Peak	171.00	300	Vertical	Pass
1**	1394.600	28.87	-17.57	54.0	25.13	AV	171.00	300	Vertical	Pass
2	2479.800	102.76	-12.20	74.0	-28.76	Peak	185.00	200	Vertical	N/A
2**	2479.800	101.08	-12.20	54.0	-47.08	AV	185.00	200	Vertical	N/A
3	4786.000	51.27	-1.82	74.0	22.73	Peak	109.00	100	Vertical	Pass
3**	4786.000	41.15	-1.82	54.0	12.85	AV	109.00	100	Vertical	Pass
4	6599.400	54.60	0.90	74.0	19.40	Peak	71.00	400	Vertical	Pass
4**	6599.400	46.03	0.90	54.0	7.97	AV	71.00	400	Vertical	Pass
5	10335.287	52.08	0.07	74.0	21.92	Peak	78.00	200	Vertical	Pass
5**	10335.287	43.02	0.07	54.0	10.98	AV	78.00	200	Vertical	Pass
6	17184.938	51.10	2.53	74.0	22.90	Peak	79.00	200	Vertical	Pass
6**	17184.938	42.87	2.53	54.0	11.13	AV	79.00	200	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



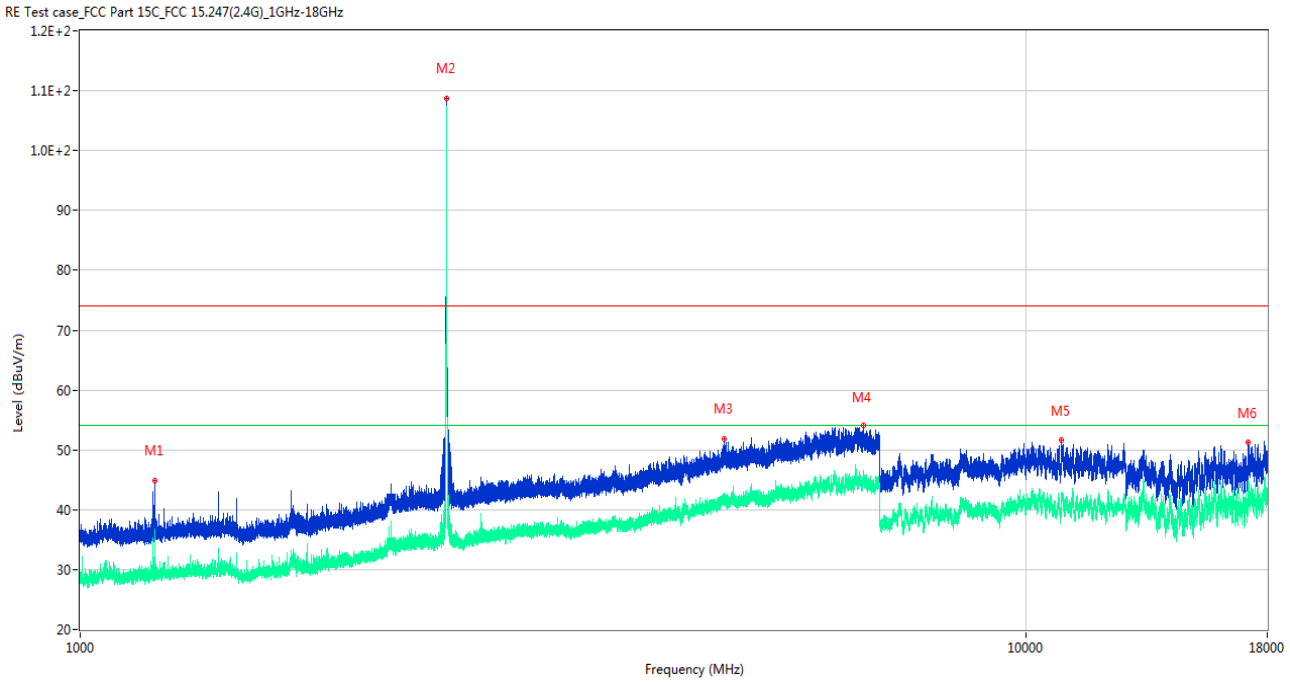
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.200	42.19	-17.46	74.0	31.81	Peak	39.00	300	Horizontal	Pass
1**	1598.200	29.41	-17.46	54.0	24.59	AV	39.00	300	Horizontal	Pass
2	2402.600	107.84	-11.74	74.0	-33.84	Peak	178.00	150	Horizontal	N/A
2**	2402.600	105.42	-11.74	54.0	-51.42	AV	178.00	150	Horizontal	N/A
3	4775.600	51.00	-1.86	74.0	23.00	Peak	296.00	100	Horizontal	Pass
3**	4775.600	40.82	-1.86	54.0	13.18	AV	296.00	100	Horizontal	Pass
4	6604.800	53.93	1.88	74.0	20.07	Peak	98.00	300	Horizontal	Pass
4**	6604.800	45.90	1.88	54.0	8.10	AV	98.00	300	Horizontal	Pass
5	10348.800	51.57	0.03	74.0	22.43	Peak	229.00	400	Horizontal	Pass
5**	10348.800	42.84	0.03	54.0	11.16	AV	229.00	400	Horizontal	Pass
6	15831.224	50.84	1.48	74.0	23.16	Peak	123.00	400	Horizontal	Pass
6**	15831.224	44.18	1.48	54.0	9.82	AV	123.00	400	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



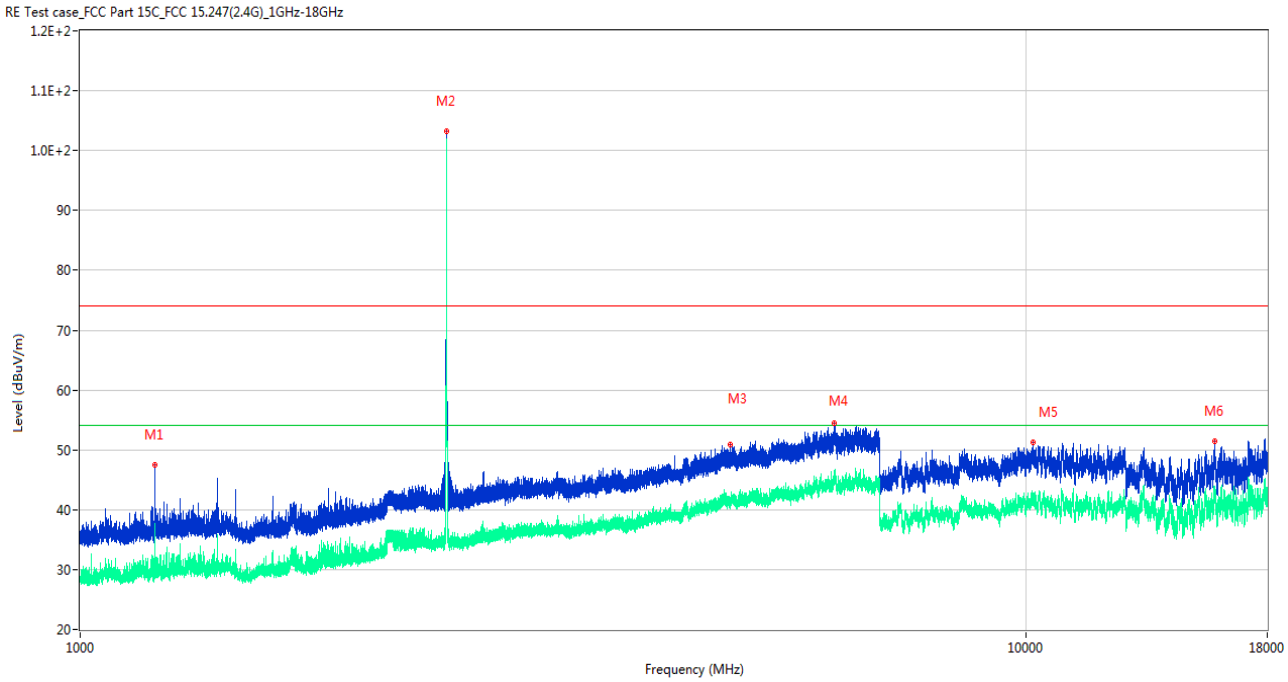
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.300	43.58	-17.40	74.0	30.42	Peak	127.00	100	Vertical	Pass
1**	1599.300	29.91	-17.40	54.0	24.09	AV	127.00	100	Vertical	Pass
2	2402.500	101.95	-11.74	74.0	-27.95	Peak	120.00	100	Vertical	N/A
2**	2402.500	98.26	-11.74	54.0	-44.26	AV	120.00	100	Vertical	N/A
3	4849.400	51.72	-2.88	74.0	22.28	Peak	155.00	200	Vertical	Pass
3**	4849.400	40.78	-2.88	54.0	13.22	AV	155.00	200	Vertical	Pass
4	6605.200	54.27	1.88	74.0	19.73	Peak	238.00	200	Vertical	Pass
4**	6605.200	46.22	1.88	54.0	7.78	AV	238.00	200	Vertical	Pass
5	10179.174	51.59	0.01	74.0	22.41	Peak	305.00	400	Vertical	Pass
5**	10179.174	41.84	0.01	54.0	12.16	AV	305.00	400	Vertical	Pass
6	17200.163	51.29	1.88	74.0	22.71	Peak	320.00	200	Vertical	Pass
6**	17200.163	44.33	1.88	54.0	9.67	AV	320.00	200	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



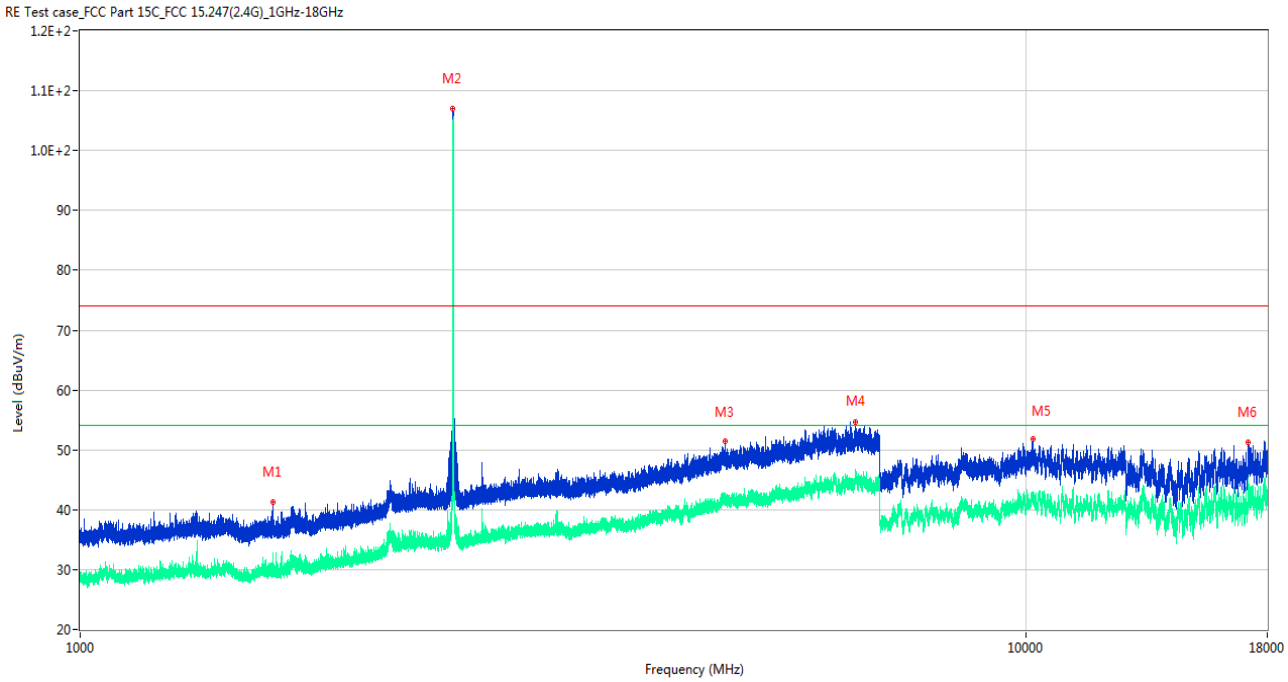
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.500	44.93	-17.88	74.0	29.07	Peak	4.00	300	Horizontal	Pass
1**	1198.500	29.22	-17.88	54.0	24.78	AV	4.00	300	Horizontal	Pass
2	2440.500	108.77	-12.23	74.0	-34.77	Peak	175.00	150	Horizontal	N/A
2**	2440.500	105.40	-12.23	54.0	-51.40	AV	175.00	150	Horizontal	N/A
3	4795.800	51.85	-1.81	74.0	22.15	Peak	314.00	200	Horizontal	Pass
3**	4795.800	41.00	-1.81	54.0	13.00	AV	314.00	200	Horizontal	Pass
4	6736.000	54.15	2.38	74.0	19.85	Peak	326.00	400	Horizontal	Pass
4**	6736.000	45.44	2.38	54.0	8.56	AV	326.00	400	Horizontal	Pass
5	10912.588	51.61	0.18	74.0	22.39	Peak	167.00	100	Horizontal	Pass
5**	10912.588	41.83	0.18	54.0	12.17	AV	167.00	100	Horizontal	Pass
6	17193.863	51.25	2.22	74.0	22.75	Peak	305.00	200	Horizontal	Pass
6**	17193.863	43.68	2.22	54.0	10.32	AV	305.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



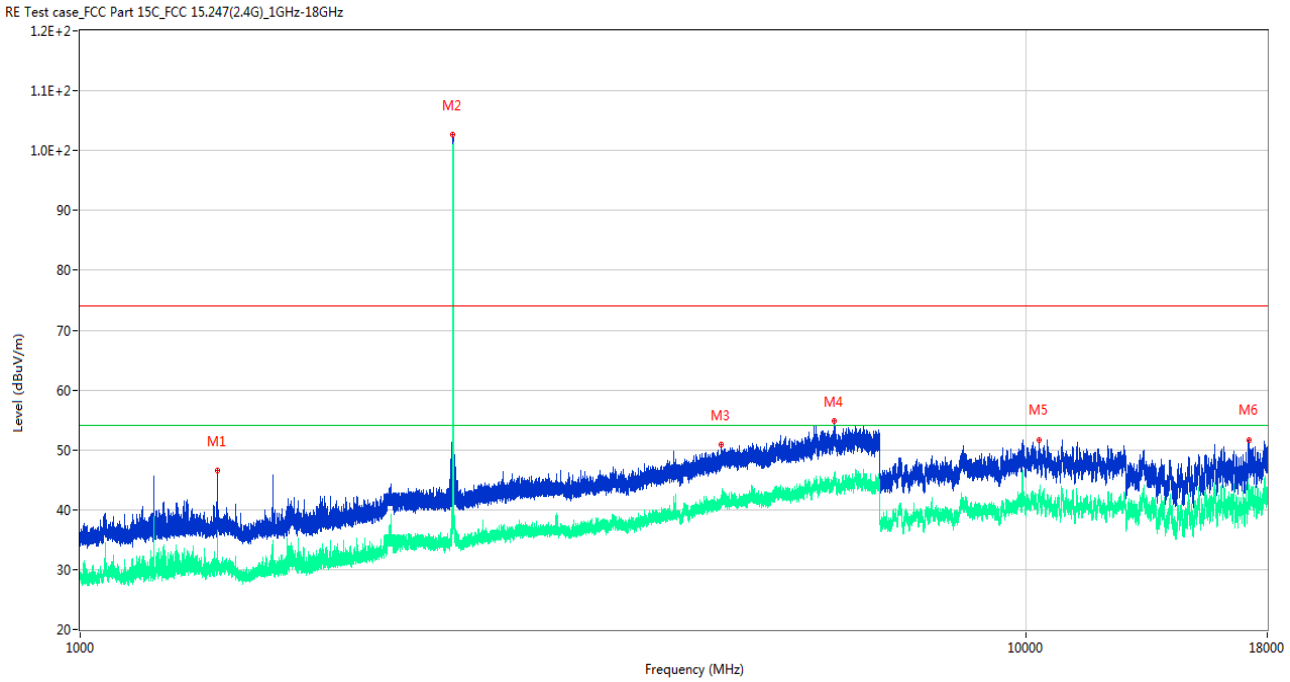
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.600	47.59	-17.84	74.0	26.41	Peak	83.00	300	Vertical	Pass
1**	1199.600	28.70	-17.84	54.0	25.30	AV	83.00	300	Vertical	Pass
2	2439.500	103.27	-12.28	74.0	-29.27	Peak	184.00	150	Vertical	N/A
2**	2439.500	101.00	-12.28	54.0	-47.00	AV	184.00	150	Vertical	N/A
3	4871.400	50.86	-2.69	74.0	23.14	Peak	82.00	100	Vertical	Pass
3**	4871.400	41.37	-2.69	54.0	12.63	AV	82.00	100	Vertical	Pass
4	6271.400	54.43	0.77	74.0	19.57	Peak	163.00	400	Vertical	Pass
4**	6271.400	44.69	0.77	54.0	9.31	AV	163.00	400	Vertical	Pass
5	10186.651	51.27	0.20	74.0	22.73	Peak	360.00	100	Vertical	Pass
5**	10186.651	42.03	0.20	54.0	11.97	AV	360.00	100	Vertical	Pass
6	15829.387	51.51	1.51	74.0	22.49	Peak	46.00	100	Vertical	Pass
6**	15829.387	43.37	1.51	54.0	10.63	AV	46.00	100	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.500	41.30	-17.39	74.0	32.70	Peak	93.00	300	Horizontal	Pass
1**	1599.500	30.10	-17.39	54.0	23.90	AV	93.00	300	Horizontal	Pass
2	2479.500	107.02	-12.21	74.0	-33.02	Peak	170.00	150	Horizontal	N/A
2**	2479.500	105.13	-12.21	54.0	-51.13	AV	170.00	150	Horizontal	N/A
3	4805.400	51.47	-2.14	74.0	22.53	Peak	70.00	100	Horizontal	Pass
3**	4805.400	42.12	-2.14	54.0	11.88	AV	70.00	100	Horizontal	Pass
4	6605.000	54.69	1.88	74.0	19.31	Peak	0.00	100	Horizontal	Pass
4**	6605.000	45.73	1.88	54.0	8.27	AV	0.00	100	Horizontal	Pass
5	10180.037	51.76	0.03	74.0	22.24	Peak	49.00	100	Horizontal	Pass
5**	10180.037	42.13	0.03	54.0	11.87	AV	49.00	100	Horizontal	Pass
6	17194.125	51.35	2.21	74.0	22.65	Peak	195.00	100	Horizontal	Pass
6**	17194.125	43.51	2.21	54.0	10.49	AV	195.00	100	Horizontal	Pass

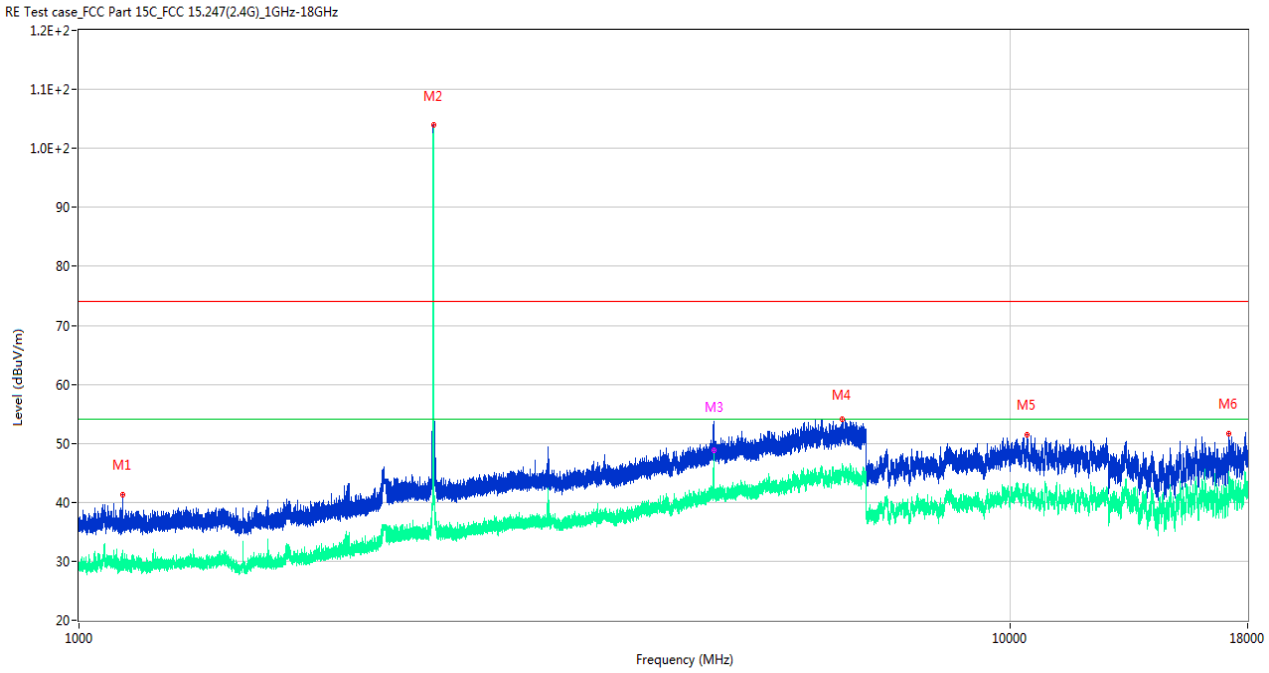
GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.100	46.47	-17.29	74.0	27.53	Peak	94.00	300	Vertical	Pass
1**	1398.100	30.32	-17.29	54.0	23.68	AV	94.00	300	Vertical	Pass
2	2479.400	102.63	-12.21	74.0	-28.63	Peak	178.00	100	Vertical	N/A
2**	2479.400	100.64	-12.21	54.0	-46.64	AV	178.00	100	Vertical	N/A
3	4766.600	50.81	-2.06	74.0	23.19	Peak	76.00	100	Vertical	Pass
3**	4766.600	41.40	-2.06	54.0	12.60	AV	76.00	100	Vertical	Pass
4	6264.400	54.82	0.71	74.0	19.18	Peak	0.00	300	Vertical	Pass
4**	6264.400	45.38	0.71	54.0	8.62	AV	0.00	300	Vertical	Pass
5	10336.437	51.65	0.07	74.0	22.35	Peak	204.00	200	Vertical	Pass
5**	10336.437	42.77	0.07	54.0	11.23	AV	204.00	200	Vertical	Pass
6	17199.901	51.66	1.90	74.0	22.34	Peak	344.00	300	Vertical	Pass
6**	17199.901	43.35	1.90	54.0	10.65	AV	344.00	300	Vertical	Pass

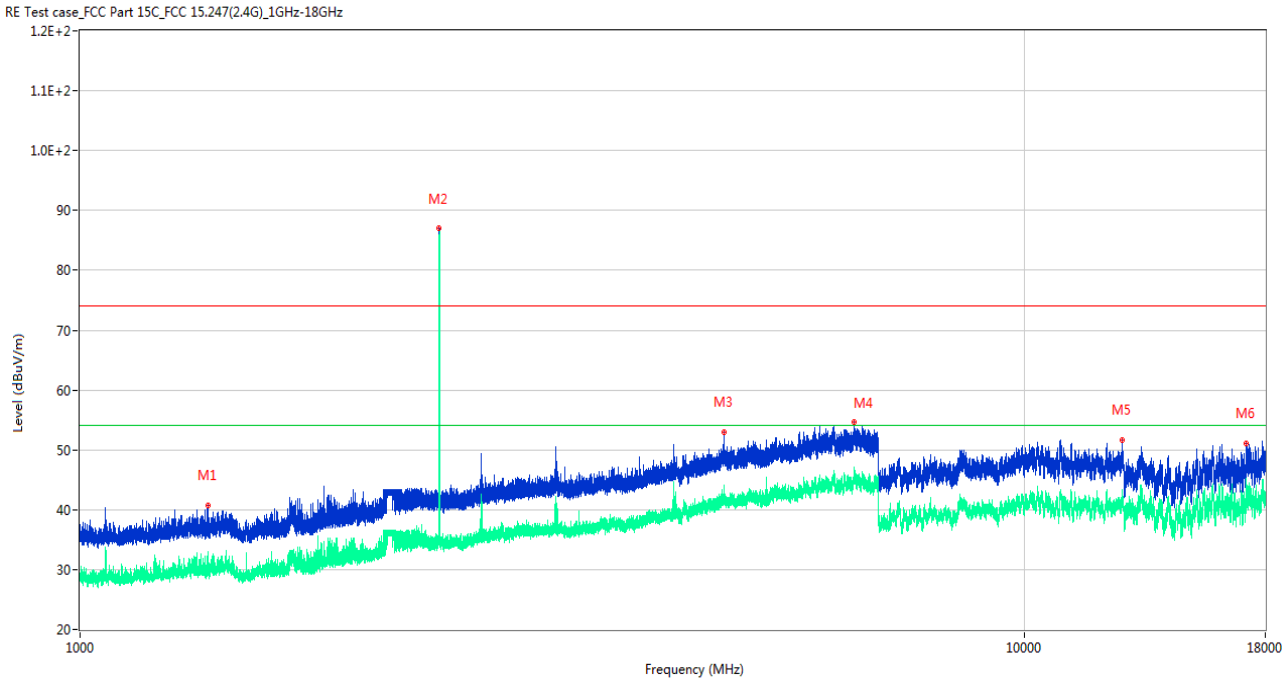
Dipole Antenna 1

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



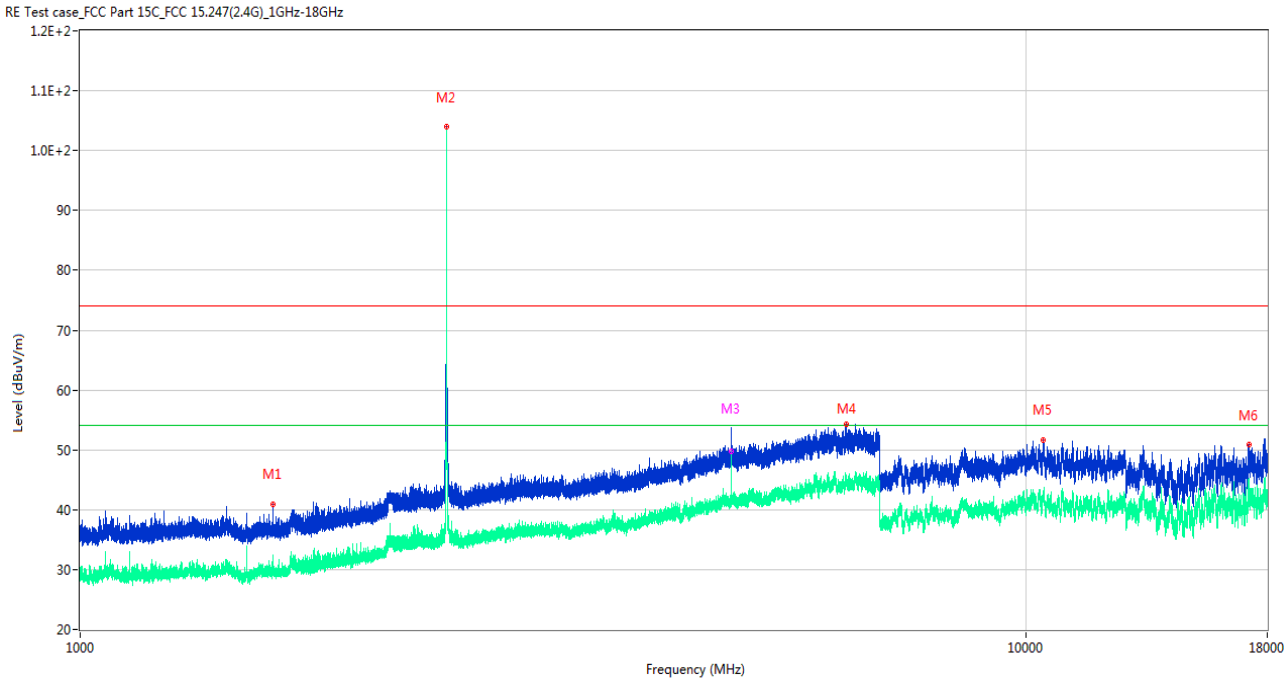
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.600	41.28	-18.36	74.0	32.72	Peak	360.00	400	Horizontal	Pass
1**	1114.600	28.83	-18.36	54.0	25.17	AV	360.00	400	Horizontal	Pass
2	2402.300	103.96	-11.74	74.0	-29.96	Peak	175.00	150	Horizontal	N/A
2**	2402.300	102.96	-11.74	54.0	-48.96	AV	175.00	150	Horizontal	N/A
3	4804.600	53.69	-2.10	74.0	20.31	Peak	169.00	100	Horizontal	Pass
3**	4804.600	48.78	-2.10	54.0	5.22	AV	169.00	100	Horizontal	Pass
4	6601.400	54.13	1.24	74.0	19.87	Peak	60.00	200	Horizontal	Pass
4**	6601.400	45.07	1.24	54.0	8.93	AV	60.00	200	Horizontal	Pass
5	10418.662	51.50	0.06	74.0	22.50	Peak	30.00	100	Horizontal	Pass
5**	10418.662	42.86	0.06	54.0	11.14	AV	30.00	100	Horizontal	Pass
6	17198.850	51.65	1.96	74.0	22.35	Peak	0.00	100	Horizontal	Pass
6**	17198.850	44.19	1.96	54.0	9.81	AV	0.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



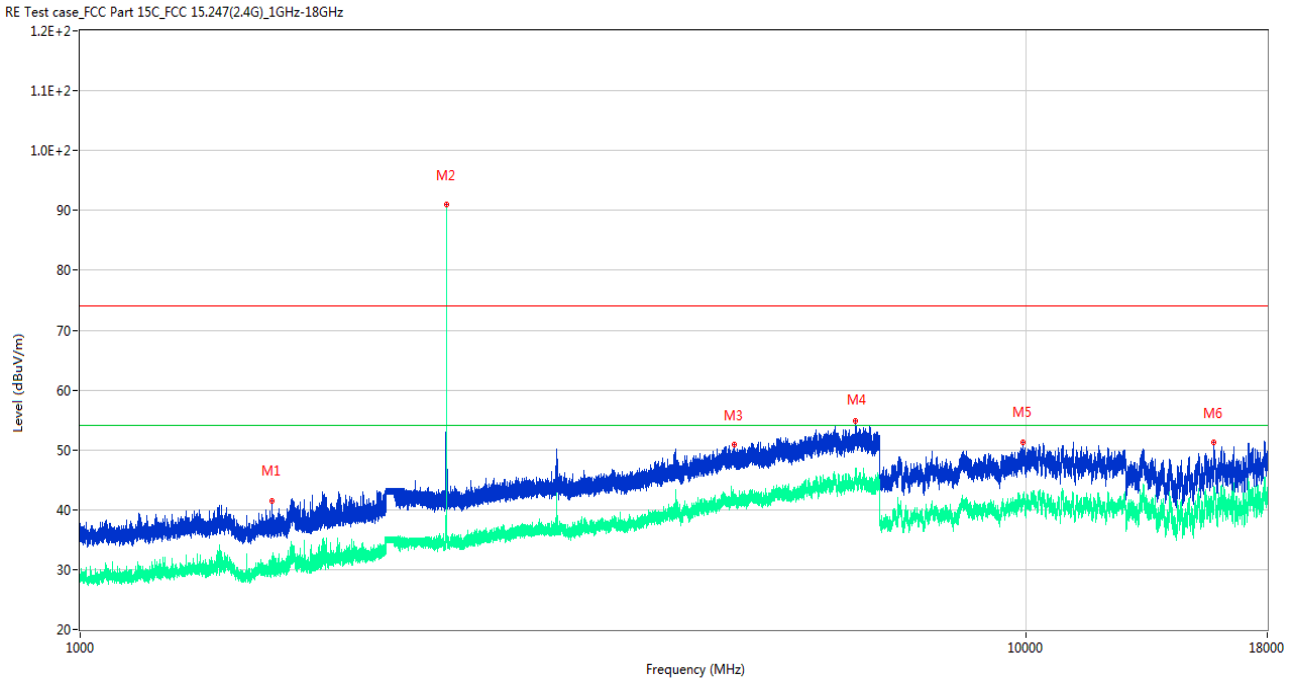
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.800	40.71	-17.32	74.0	33.29	Peak	76.00	400	Vertical	Pass
1**	1365.800	30.78	-17.32	54.0	23.22	AV	76.00	400	Vertical	Pass
2	2401.700	86.97	-11.74	74.0	-12.97	Peak	154.00	150	Vertical	N/A
2**	2401.700	85.66	-11.74	54.0	-31.66	AV	154.00	150	Vertical	N/A
3	4804.200	53.03	-2.06	74.0	20.97	Peak	133.00	100	Vertical	Pass
3**	4804.200	43.55	-2.06	54.0	10.45	AV	133.00	100	Vertical	Pass
4	6599.600	54.73	0.94	74.0	19.27	Peak	6.00	300	Vertical	Pass
4**	6599.600	45.09	0.94	54.0	8.91	AV	6.00	300	Vertical	Pass
5	12699.112	51.69	0.84	74.0	22.31	Peak	356.00	400	Vertical	Pass
5**	12699.112	42.32	0.84	54.0	11.68	AV	356.00	400	Vertical	Pass
6	17189.663	51.12	2.35	74.0	22.88	Peak	93.00	400	Vertical	Pass
6**	17189.663	44.19	2.35	54.0	9.81	AV	93.00	400	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



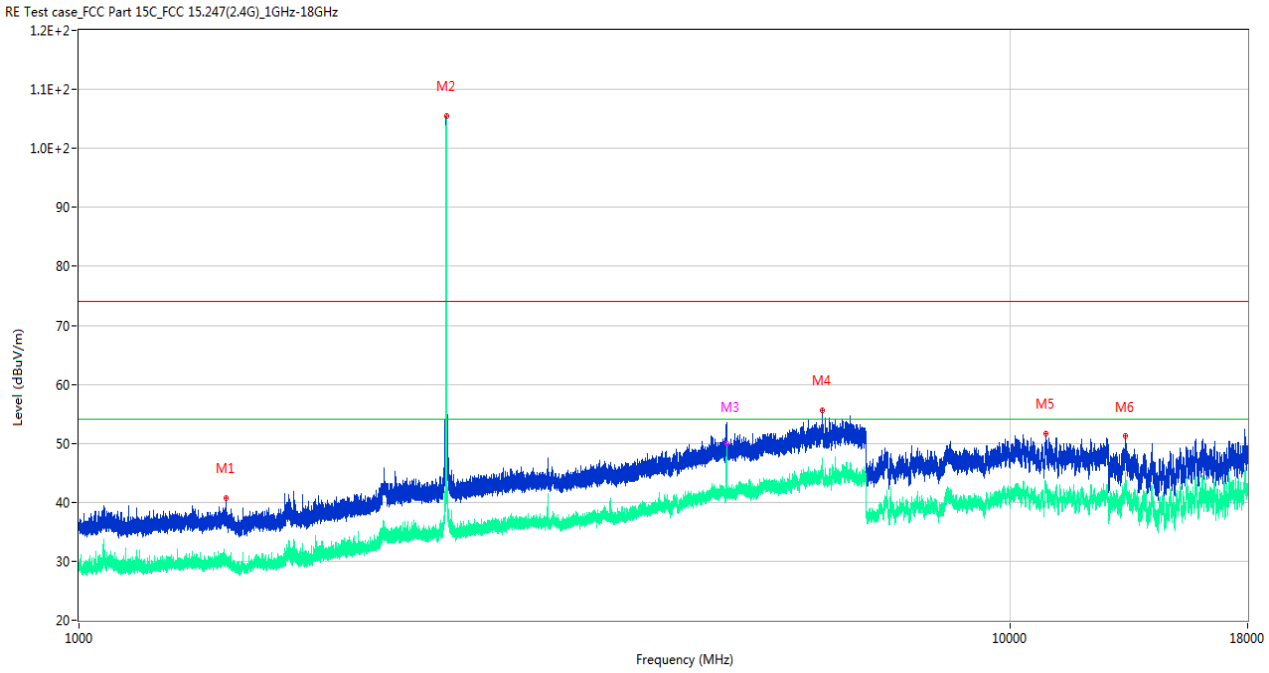
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	40.97	-17.44	74.0	33.03	Peak	41.00	400	Horizontal	Pass
1**	1597.400	32.26	-17.44	54.0	21.74	AV	41.00	400	Horizontal	Pass
2	2440.300	103.96	-12.24	74.0	-29.96	Peak	326.00	200	Horizontal	N/A
2**	2440.300	103.04	-12.24	54.0	-49.04	AV	326.00	200	Horizontal	N/A
3	4880.600	53.27	-2.61	74.0	20.73	Peak	138.00	100	Horizontal	Pass
3**	4880.600	49.71	-2.61	54.0	4.29	AV	138.00	100	Horizontal	Pass
4	6456.200	54.27	1.57	74.0	19.73	Peak	161.00	200	Horizontal	Pass
4**	6456.200	44.27	1.57	54.0	9.73	AV	161.00	200	Horizontal	Pass
5	10421.250	51.64	0.06	74.0	22.36	Peak	108.00	400	Horizontal	Pass
5**	10421.250	42.11	0.06	54.0	11.89	AV	108.00	400	Horizontal	Pass
6	17211.187	50.84	1.47	74.0	23.16	Peak	49.00	100	Horizontal	Pass
6**	17211.187	43.06	1.47	54.0	10.94	AV	49.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



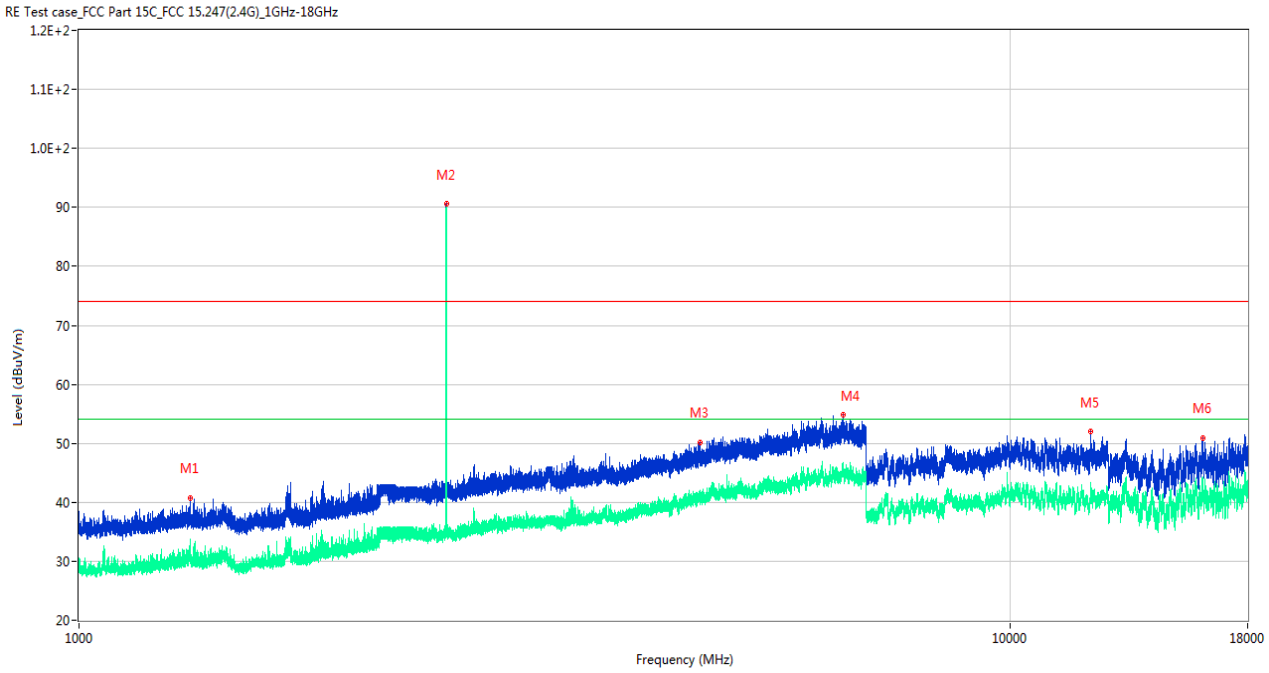
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.300	41.52	-17.27	74.0	32.48	Peak	134.00	200	Vertical	Pass
1**	1595.300	32.07	-17.27	54.0	21.93	AV	134.00	200	Vertical	Pass
2	2439.700	90.96	-12.28	74.0	-16.96	Peak	97.00	150	Vertical	N/A
2**	2439.700	89.39	-12.28	54.0	-35.39	AV	97.00	150	Vertical	N/A
3	4913.600	50.86	-2.23	74.0	23.14	Peak	115.00	200	Vertical	Pass
3**	4913.600	41.34	-2.23	54.0	12.66	AV	115.00	200	Vertical	Pass
4	6602.400	54.81	1.40	74.0	19.19	Peak	353.00	400	Vertical	Pass
4**	6602.400	45.42	1.40	54.0	8.58	AV	353.00	400	Vertical	Pass
5	9931.924	51.28	-1.10	74.0	22.72	Peak	16.00	300	Vertical	Pass
5**	9931.924	41.63	-1.10	54.0	12.37	AV	16.00	300	Vertical	Pass
6	15804.450	51.22	2.28	74.0	22.78	Peak	195.00	100	Vertical	Pass
6**	15804.450	41.03	2.28	54.0	12.97	AV	195.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



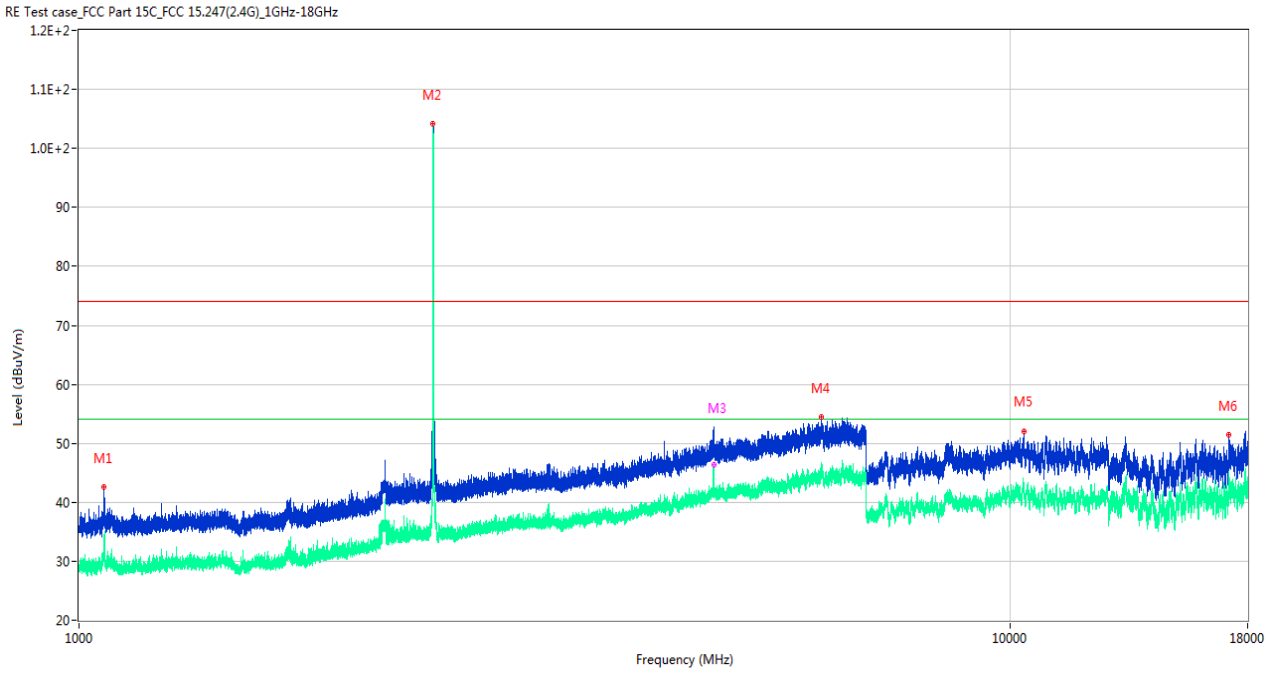
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.300	40.74	-16.92	74.0	33.26	Peak	24.00	100	Horizontal	Pass
1**	1439.300	31.18	-16.92	54.0	22.82	AV	24.00	100	Horizontal	Pass
2	2479.800	105.59	-12.20	74.0	-31.59	Peak	176.00	150	Horizontal	N/A
2**	2479.800	104.03	-12.20	54.0	-50.03	AV	176.00	150	Horizontal	N/A
3	4960.600	53.18	-1.98	74.0	20.82	Peak	204.00	100	Horizontal	Pass
3**	4960.600	49.88	-1.98	54.0	4.12	AV	204.00	100	Horizontal	Pass
4	6288.200	55.67	1.48	74.0	18.33	Peak	308.00	200	Horizontal	Pass
4**	6288.200	46.03	1.48	54.0	7.97	AV	308.00	200	Horizontal	Pass
5	10941.050	51.67	-0.08	74.0	22.33	Peak	44.00	300	Horizontal	Pass
5**	10941.050	42.04	-0.08	54.0	11.96	AV	44.00	300	Horizontal	Pass
6	13298.625	51.17	0.86	74.0	22.83	Peak	272.00	300	Horizontal	Pass
6**	13298.625	41.59	0.86	54.0	12.41	AV	272.00	300	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



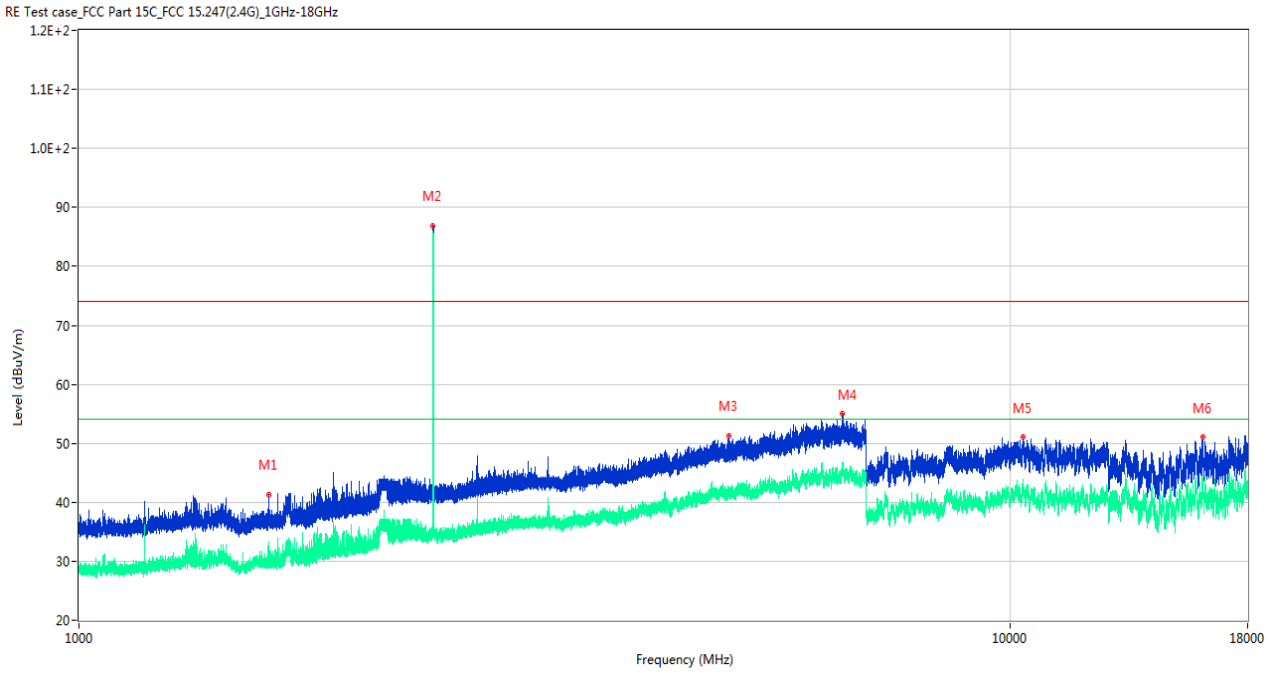
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1315.900	40.80	-17.08	74.0	33.20	Peak	88.00	200	Vertical	Pass
1**	1315.900	31.02	-17.08	54.0	22.98	AV	88.00	200	Vertical	Pass
2	2480.300	90.59	-12.21	74.0	-16.59	Peak	227.00	100	Vertical	N/A
2**	2480.300	89.16	-12.21	54.0	-35.16	AV	227.00	100	Vertical	N/A
3	4645.800	50.10	-3.33	74.0	23.90	Peak	220.00	100	Vertical	Pass
3**	4645.800	40.50	-3.33	54.0	13.50	AV	220.00	100	Vertical	Pass
4	6612.600	54.79	2.17	74.0	19.21	Peak	241.00	200	Vertical	Pass
4**	6612.600	45.31	2.17	54.0	8.69	AV	241.00	200	Vertical	Pass
5	12219.275	51.98	1.22	74.0	22.02	Peak	221.00	300	Vertical	Pass
5**	12219.275	43.39	1.22	54.0	10.61	AV	221.00	300	Vertical	Pass
6	16107.375	50.96	0.88	74.0	23.04	Peak	235.00	200	Vertical	Pass
6**	16107.375	41.74	0.88	54.0	12.26	AV	235.00	200	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



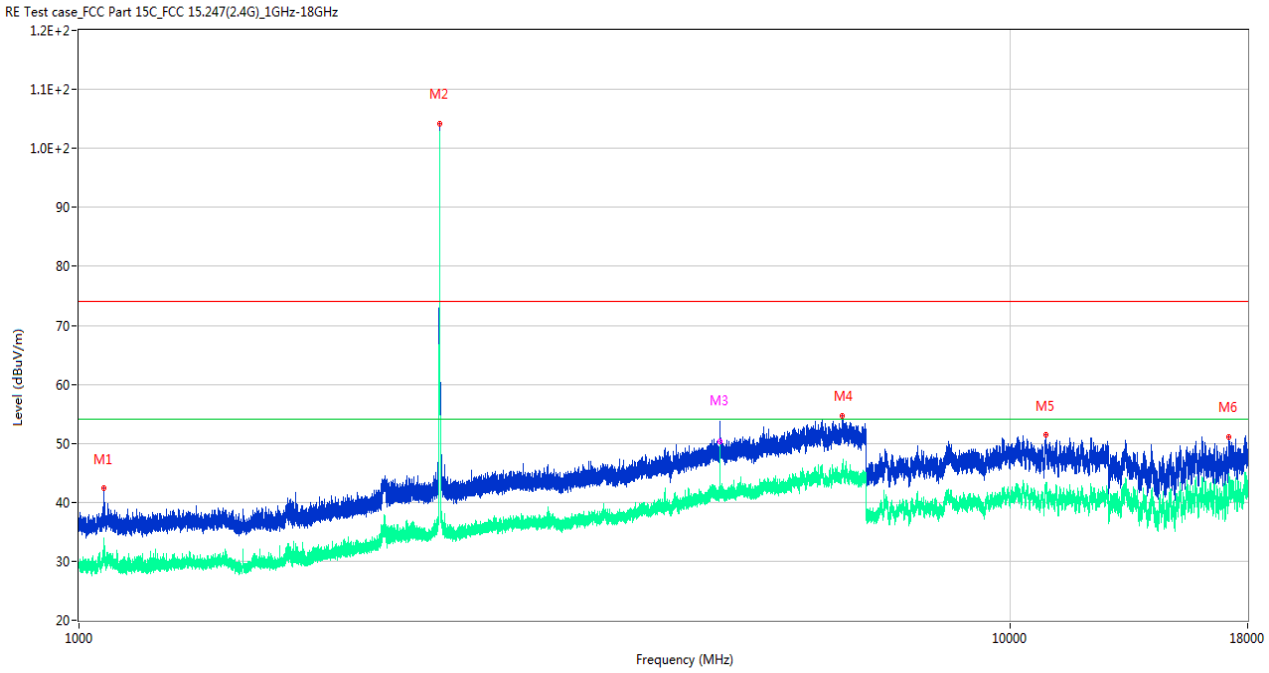
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.600	42.57	-18.27	74.0	31.43	Peak	338.00	100	Horizontal	Pass
1**	1064.600	33.79	-18.27	54.0	20.21	AV	338.00	100	Horizontal	Pass
2	2401.500	104.16	-11.74	74.0	-30.16	Peak	181.00	200	Horizontal	N/A
2**	2401.500	101.10	-11.74	54.0	-47.10	AV	181.00	200	Horizontal	N/A
3	4803.400	52.80	-1.98	74.0	21.20	Peak	293.00	100	Horizontal	Pass
3**	4803.400	46.41	-1.98	54.0	7.59	AV	293.00	100	Horizontal	Pass
4	6267.800	54.45	0.86	74.0	19.55	Peak	353.00	400	Horizontal	Pass
4**	6267.800	45.61	0.86	54.0	8.39	AV	353.00	400	Horizontal	Pass
5	10357.137	52.07	0.06	74.0	21.93	Peak	329.00	300	Horizontal	Pass
5**	10357.137	41.77	0.06	54.0	12.23	AV	329.00	300	Horizontal	Pass
6	17189.136	51.40	2.37	74.0	22.60	Peak	108.00	200	Horizontal	Pass
6**	17189.136	43.47	2.37	54.0	10.53	AV	108.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



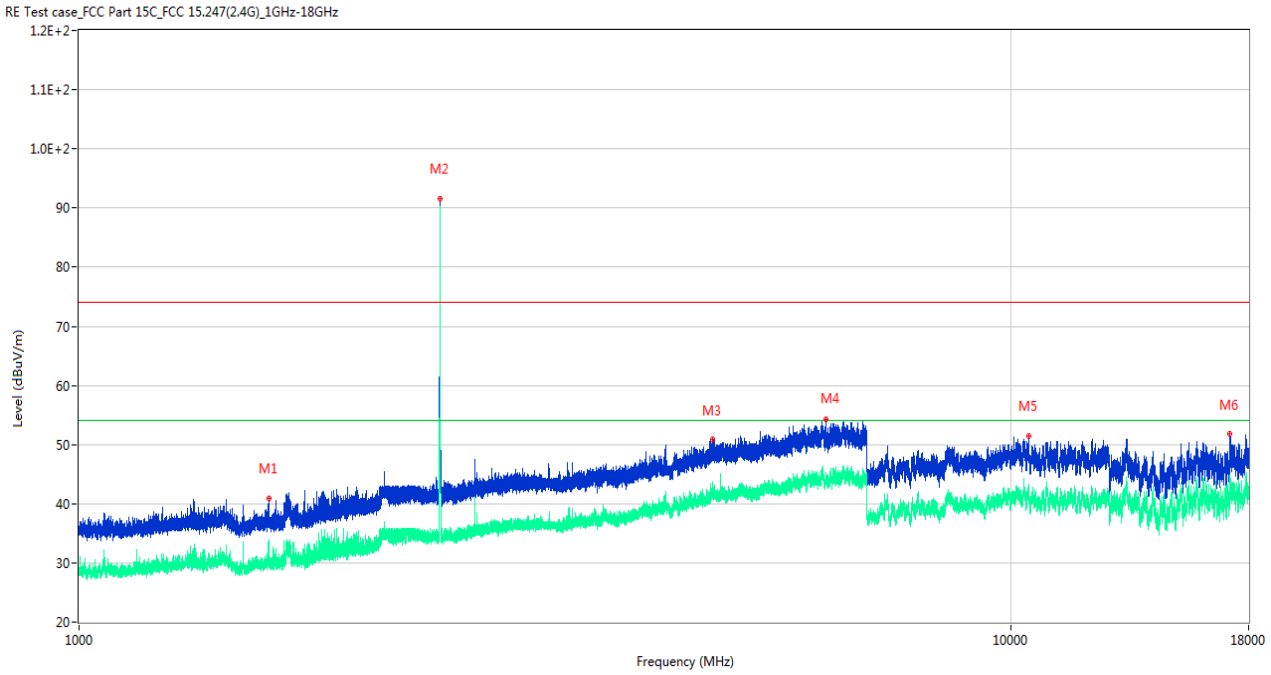
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.700	41.27	-17.44	74.0	32.73	Peak	312.00	400	Vertical	Pass
1**	1598.700	33.38	-17.44	54.0	20.62	AV	312.00	400	Vertical	Pass
2	2401.500	86.92	-11.74	74.0	-12.92	Peak	156.00	200	Vertical	N/A
2**	2401.500	85.96	-11.74	54.0	-31.96	AV	156.00	200	Vertical	N/A
3	4987.800	51.29	-1.84	74.0	22.71	Peak	252.00	150	Vertical	Pass
3**	4987.800	41.97	-1.84	54.0	12.03	AV	252.00	150	Vertical	Pass
4	6604.600	54.96	1.88	74.0	19.04	Peak	314.00	200	Vertical	Pass
4**	6604.600	45.39	1.88	54.0	8.61	AV	314.00	200	Vertical	Pass
5	10328.963	51.01	-0.01	74.0	22.99	Peak	170.00	300	Vertical	Pass
5**	10328.963	42.01	-0.01	54.0	11.99	AV	170.00	300	Vertical	Pass
6	16102.912	51.05	1.07	74.0	22.95	Peak	346.00	400	Vertical	Pass
6**	16102.912	43.37	1.07	54.0	10.63	AV	346.00	400	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



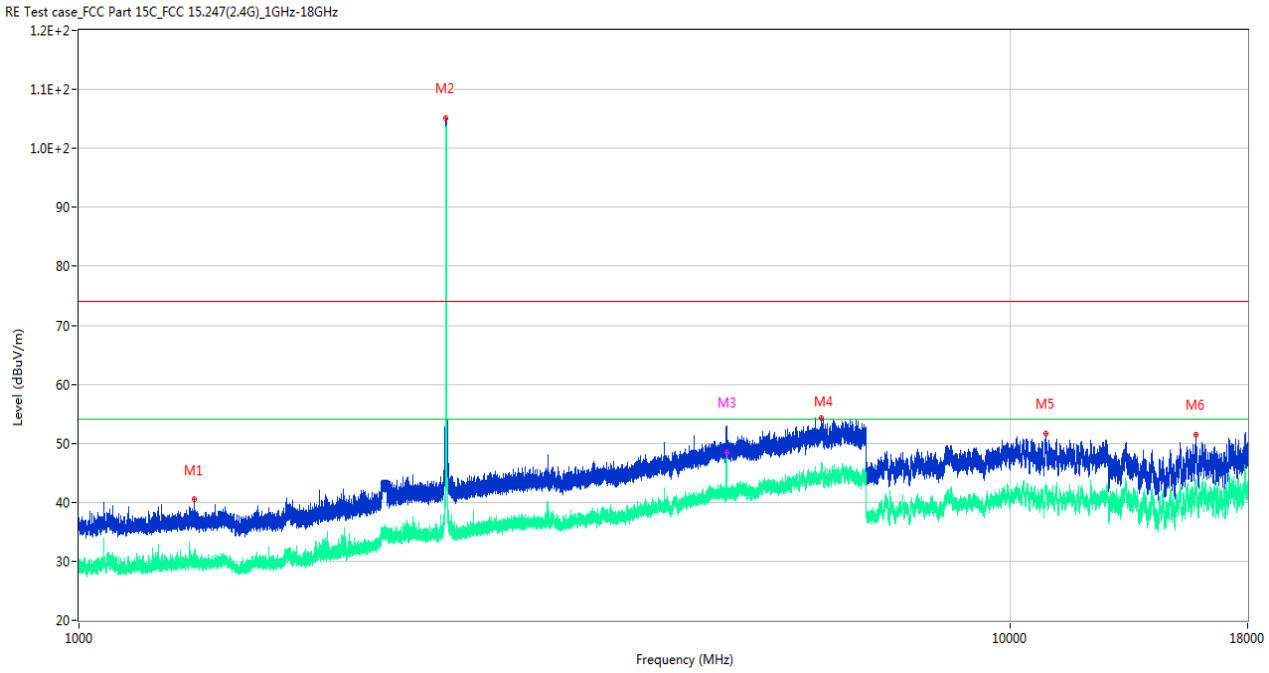
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.200	42.34	-18.24	74.0	31.66	Peak	335.00	300	Horizontal	Pass
1**	1064.200	32.70	-18.24	54.0	21.30	AV	335.00	300	Horizontal	Pass
2	2440.500	104.20	-12.23	74.0	-30.20	Peak	329.00	150	Horizontal	N/A
2**	2440.500	101.99	-12.23	54.0	-47.99	AV	329.00	150	Horizontal	N/A
3	4879.200	53.64	-2.58	74.0	20.36	Peak	146.00	100	Horizontal	Pass
3**	4879.200	50.30	-2.58	54.0	3.70	AV	146.00	100	Horizontal	Pass
4	6602.000	54.71	1.33	74.0	19.29	Peak	323.00	400	Horizontal	Pass
4**	6602.000	45.79	1.33	54.0	8.21	AV	323.00	400	Horizontal	Pass
5	10929.263	51.39	0.10	74.0	22.61	Peak	204.00	300	Horizontal	Pass
5**	10929.263	42.01	0.10	54.0	11.99	AV	204.00	300	Horizontal	Pass
6	17181.786	51.07	2.63	74.0	22.93	Peak	31.00	300	Horizontal	Pass
6**	17181.786	43.19	2.63	54.0	10.81	AV	31.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



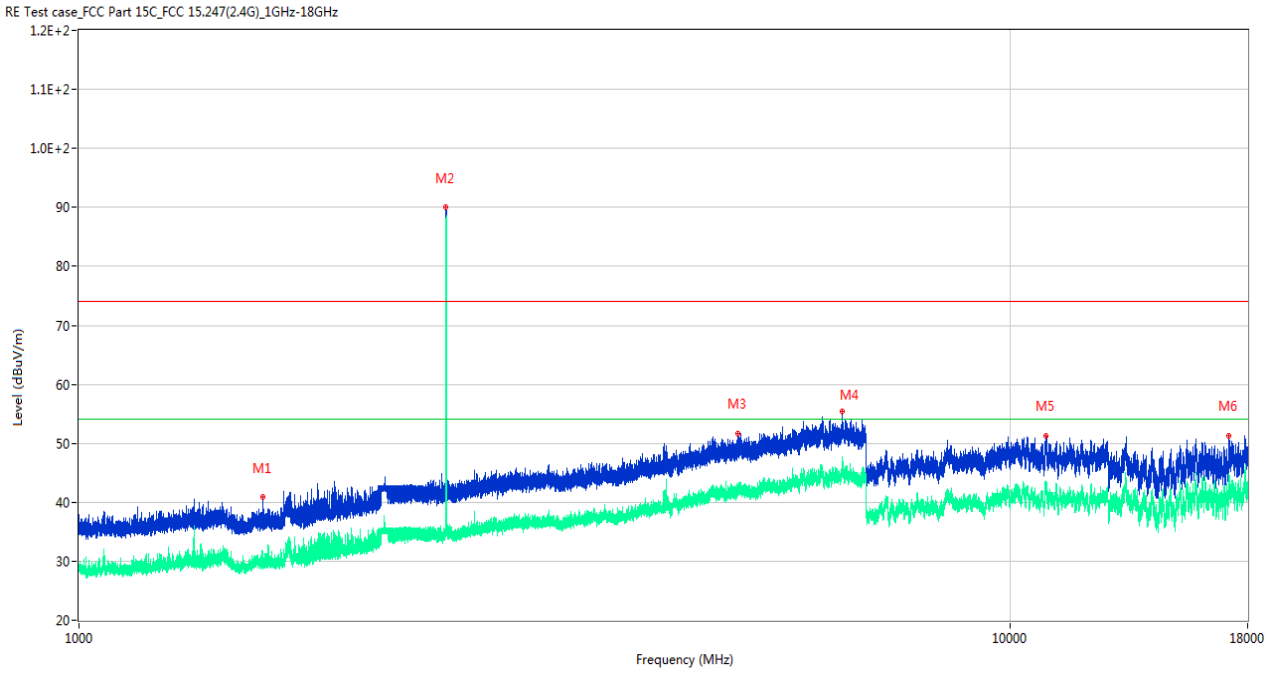
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.300	40.92	-17.44	74.0	33.08	Peak	136.00	200	Vertical	Pass
1**	1597.300	30.45	-17.44	54.0	23.55	AV	136.00	200	Vertical	Pass
2	2439.500	91.62	-12.28	74.0	-17.62	Peak	96.00	200	Vertical	N/A
2**	2439.500	88.95	-12.28	54.0	-34.95	AV	96.00	200	Vertical	N/A
3	4789.800	50.90	-1.78	74.0	23.10	Peak	118.00	100	Vertical	Pass
3**	4789.800	41.02	-1.78	54.0	12.98	AV	118.00	100	Vertical	Pass
4	6325.600	54.36	0.37	74.0	19.64	Peak	89.00	100	Vertical	Pass
4**	6325.600	44.44	0.37	54.0	9.56	AV	89.00	100	Vertical	Pass
5	10448.850	51.54	-0.55	74.0	22.46	Peak	360.00	100	Vertical	Pass
5**	10448.850	41.92	-0.55	54.0	12.08	AV	360.00	100	Vertical	Pass
6	17193.075	51.75	2.24	74.0	22.25	Peak	343.00	300	Vertical	Pass
6**	17193.075	44.13	2.24	54.0	9.87	AV	343.00	300	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	40.45	-17.24	74.0	33.55	Peak	65.00	200	Horizontal	Pass
1**	1329.400	30.32	-17.24	54.0	23.68	AV	65.00	200	Horizontal	Pass
2	2479.500	105.20	-12.21	74.0	-31.20	Peak	182.00	200	Horizontal	N/A
2**	2479.500	103.51	-12.21	54.0	-49.51	AV	182.00	200	Horizontal	N/A
3	4961.000	51.82	-1.95	74.0	22.18	Peak	360.00	100	Horizontal	Pass
3**	4961.000	48.36	-1.95	54.0	5.64	AV	360.00	100	Horizontal	Pass
4	6264.200	54.27	0.68	74.0	19.73	Peak	272.00	100	Horizontal	Pass
4**	6264.200	45.37	0.68	54.0	8.63	AV	272.00	100	Horizontal	Pass
5	10941.625	51.65	-0.08	74.0	22.35	Peak	16.00	400	Horizontal	Pass
5**	10941.625	41.87	-0.08	54.0	12.13	AV	16.00	400	Horizontal	Pass
6	15830.438	51.46	1.49	74.0	22.54	Peak	227.00	300	Horizontal	Pass
6**	15830.438	43.84	1.49	54.0	10.16	AV	227.00	300	Horizontal	Pass

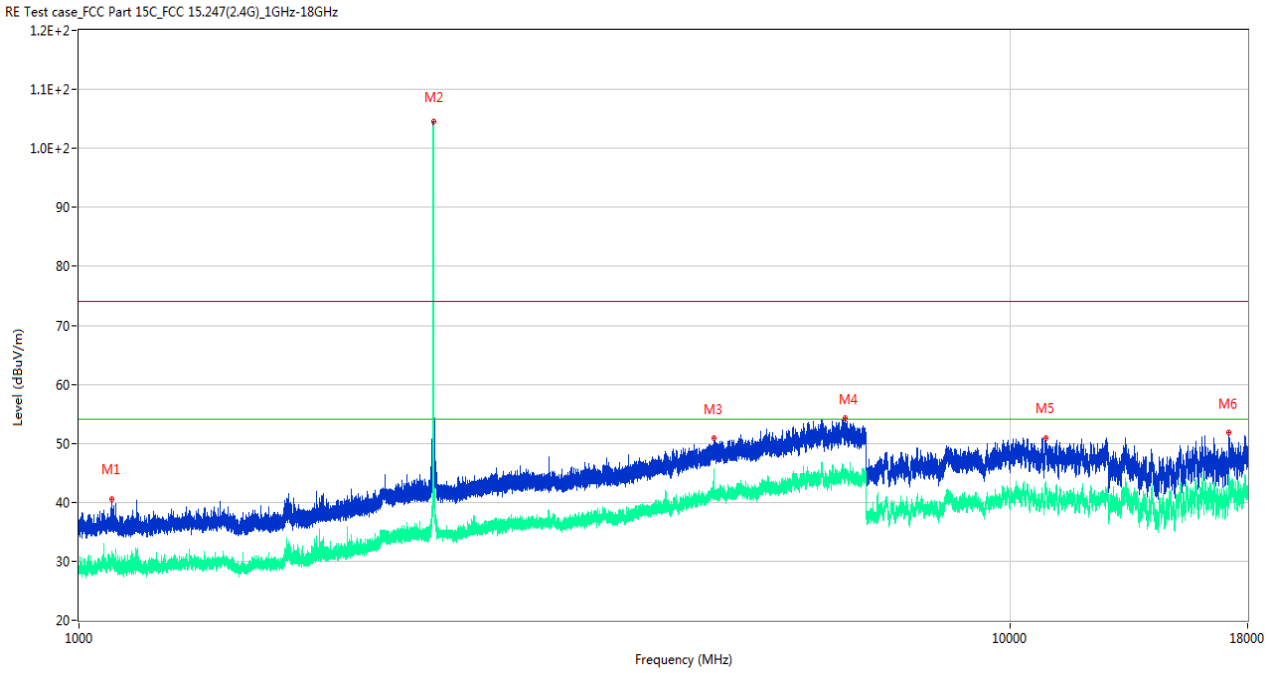
GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.300	40.89	-17.42	74.0	33.11	Peak	122.00	200	Vertical	Pass
1**	1574.300	30.04	-17.42	54.0	23.96	AV	122.00	200	Vertical	Pass
2	2479.500	89.99	-12.21	74.0	-15.99	Peak	145.00	200	Vertical	N/A
2**	2479.500	87.47	-12.21	54.0	-33.47	AV	145.00	200	Vertical	N/A
3	5099.000	51.66	-1.42	74.0	22.34	Peak	260.00	100	Vertical	Pass
3**	5099.000	42.10	-1.42	54.0	11.90	AV	260.00	100	Vertical	Pass
4	6606.400	55.45	1.88	74.0	18.55	Peak	226.00	100	Vertical	Pass
4**	6606.400	47.64	1.88	54.0	6.36	AV	226.00	100	Vertical	Pass
5	10919.487	51.34	0.23	74.0	22.66	Peak	275.00	100	Vertical	Pass
5**	10919.487	42.33	0.23	54.0	11.67	AV	275.00	100	Vertical	Pass
6	17184.150	51.33	2.55	74.0	22.67	Peak	53.00	400	Vertical	Pass
6**	17184.150	43.63	2.55	54.0	10.37	AV	53.00	400	Vertical	Pass

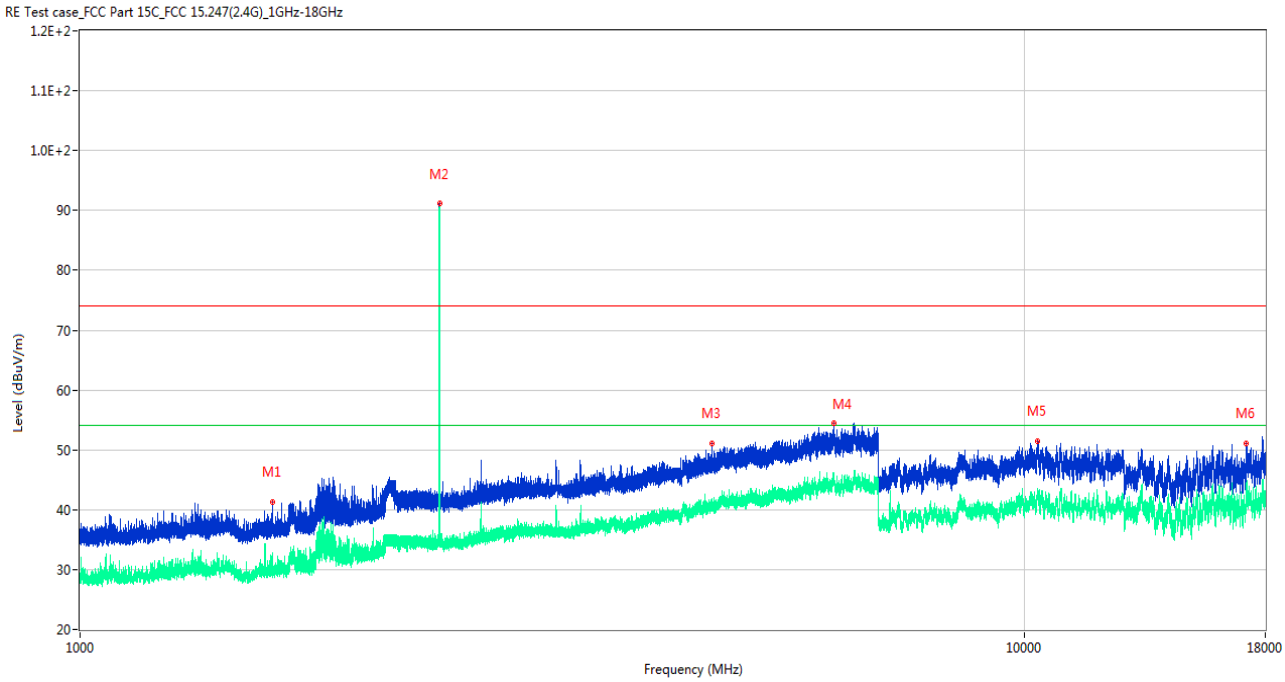
Dipole Antenna 2

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



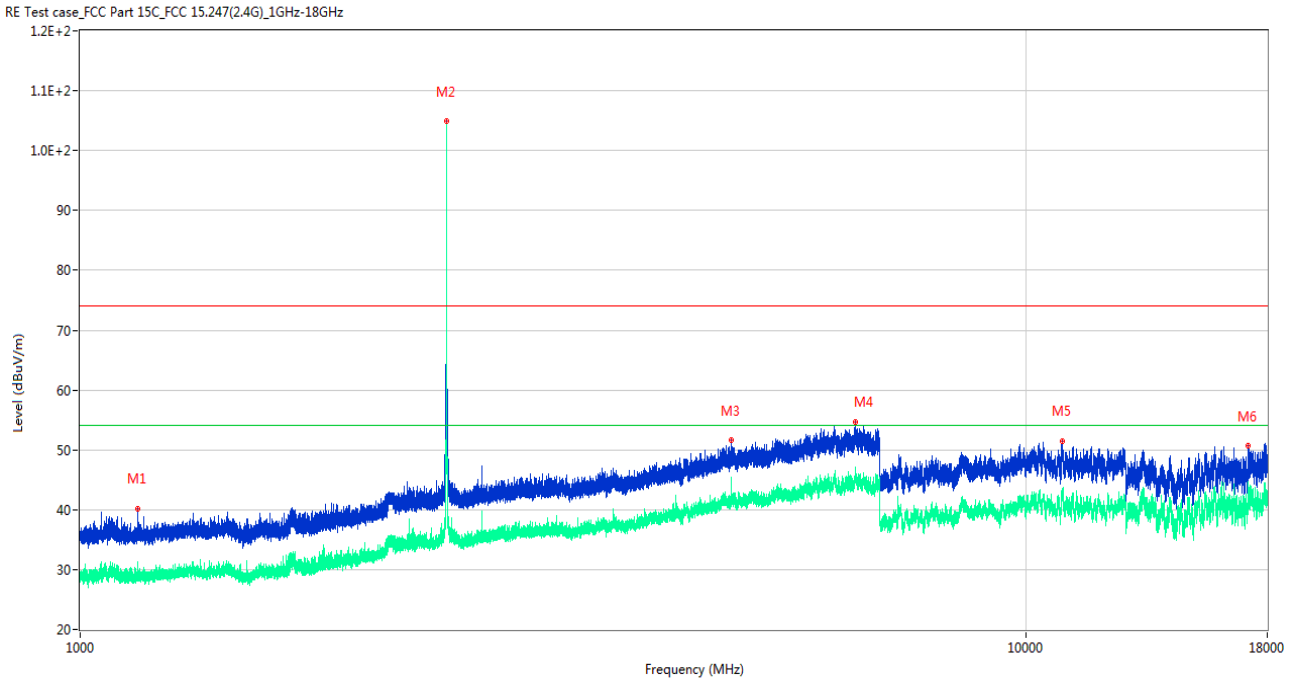
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1084.300	40.58	-18.20	74.0	33.42	Peak	338.00	200	Horizontal	Pass
1**	1084.300	30.18	-18.20	54.0	23.82	AV	338.00	200	Horizontal	Pass
2	2402.300	104.63	-11.74	74.0	-30.63	Peak	183.00	100	Horizontal	N/A
2**	2402.300	103.75	-11.74	54.0	-49.75	AV	183.00	100	Horizontal	N/A
3	4803.600	50.84	-2.00	74.0	23.16	Peak	165.00	100	Horizontal	Pass
3**	4803.600	44.99	-2.00	54.0	9.01	AV	165.00	100	Horizontal	Pass
4	6658.200	54.31	0.99	74.0	19.69	Peak	8.00	200	Horizontal	Pass
4**	6658.200	44.97	0.99	54.0	9.03	AV	8.00	200	Horizontal	Pass
5	10935.300	50.96	-0.02	74.0	23.04	Peak	56.00	300	Horizontal	Pass
5**	10935.300	42.27	-0.02	54.0	11.73	AV	56.00	300	Horizontal	Pass
6	17185.724	51.80	2.50	74.0	22.20	Peak	0.00	400	Horizontal	Pass
6**	17185.724	43.70	2.50	54.0	10.30	AV	0.00	400	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



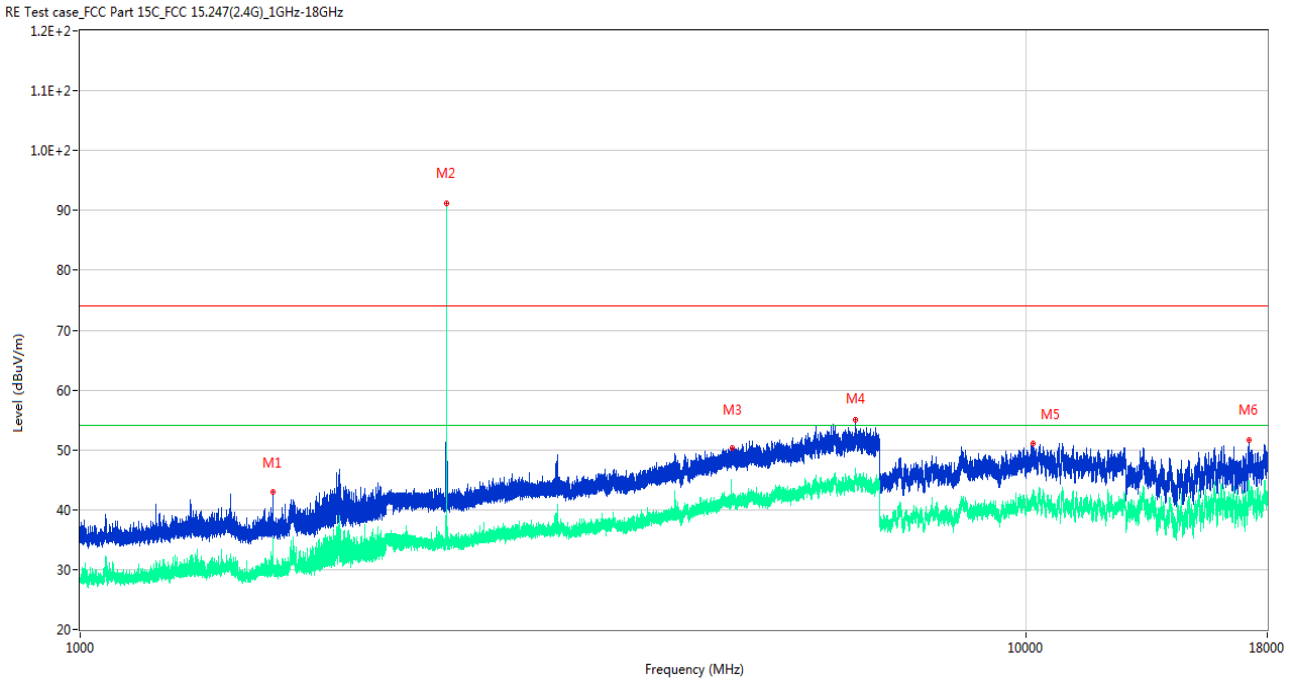
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	41.30	-17.45	74.0	32.70	Peak	33.00	400	Vertical	Pass
1**	1598.400	29.92	-17.45	54.0	24.08	AV	33.00	400	Vertical	Pass
2	2402.200	91.13	-11.74	74.0	-17.13	Peak	232.00	100	Vertical	N/A
2**	2402.200	90.51	-11.74	54.0	-36.51	AV	232.00	100	Vertical	N/A
3	4667.600	51.05	-2.22	74.0	22.95	Peak	50.00	100	Vertical	Pass
3**	4667.600	40.43	-2.22	54.0	13.57	AV	50.00	100	Vertical	Pass
4	6289.200	54.50	1.38	74.0	19.50	Peak	0.00	200	Vertical	Pass
4**	6289.200	45.30	1.38	54.0	8.70	AV	0.00	200	Vertical	Pass
5	10327.812	51.54	-0.03	74.0	22.46	Peak	81.00	200	Vertical	Pass
5**	10327.812	42.19	-0.03	54.0	11.81	AV	81.00	200	Vertical	Pass
6	17198.324	51.14	1.99	74.0	22.86	Peak	96.00	100	Vertical	Pass
6**	17198.324	43.53	1.99	54.0	10.47	AV	96.00	100	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



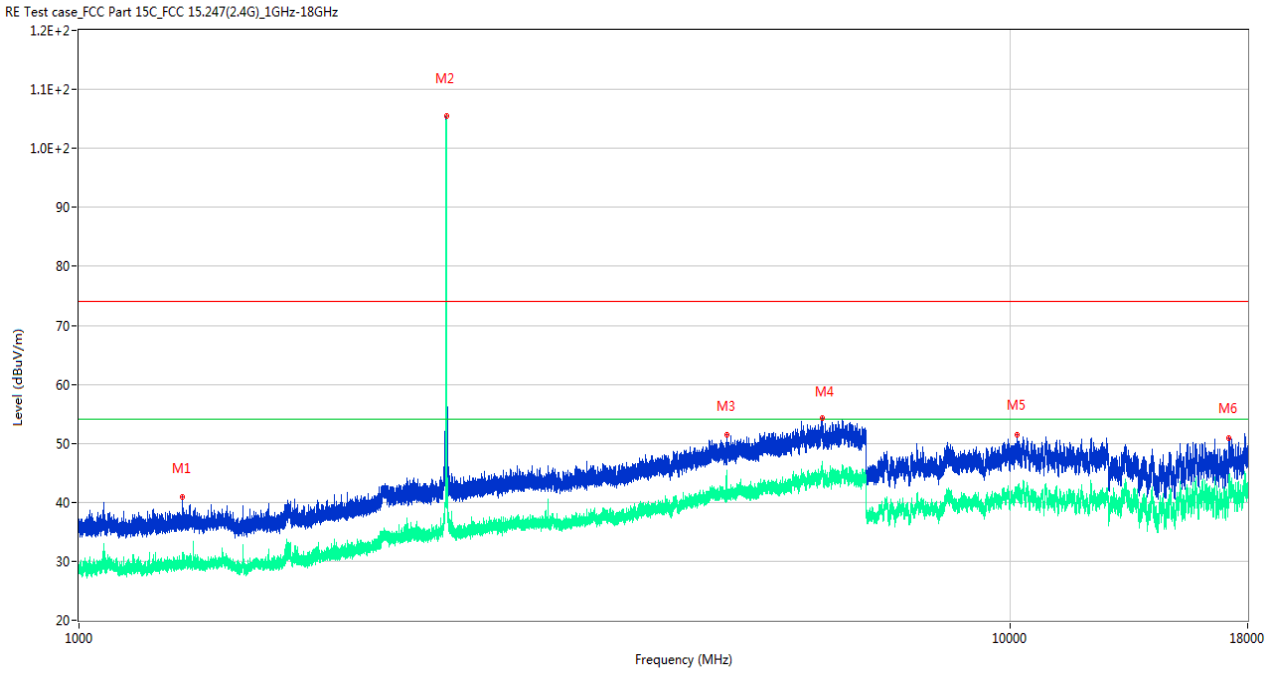
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.300	40.20	-17.85	74.0	33.80	Peak	24.00	400	Horizontal	Pass
1**	1151.300	28.53	-17.85	54.0	25.47	AV	24.00	400	Horizontal	Pass
2	2440.200	104.91	-12.25	74.0	-30.91	Peak	336.00	150	Horizontal	N/A
2**	2440.200	104.60	-12.25	54.0	-50.60	AV	336.00	150	Horizontal	N/A
3	4880.400	51.63	-2.61	74.0	22.37	Peak	156.00	150	Horizontal	Pass
3**	4880.400	43.78	-2.61	54.0	10.22	AV	156.00	150	Horizontal	Pass
4	6610.600	54.70	2.09	74.0	19.30	Peak	275.00	400	Horizontal	Pass
4**	6610.600	46.05	2.09	54.0	7.95	AV	275.00	400	Horizontal	Pass
5	10933.287	51.47	0.02	74.0	22.53	Peak	327.00	200	Horizontal	Pass
5**	10933.287	41.92	0.02	54.0	12.08	AV	327.00	200	Horizontal	Pass
6	17196.751	50.66	2.08	74.0	23.34	Peak	0.00	400	Horizontal	Pass
6**	17196.751	43.23	2.08	54.0	10.77	AV	0.00	400	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



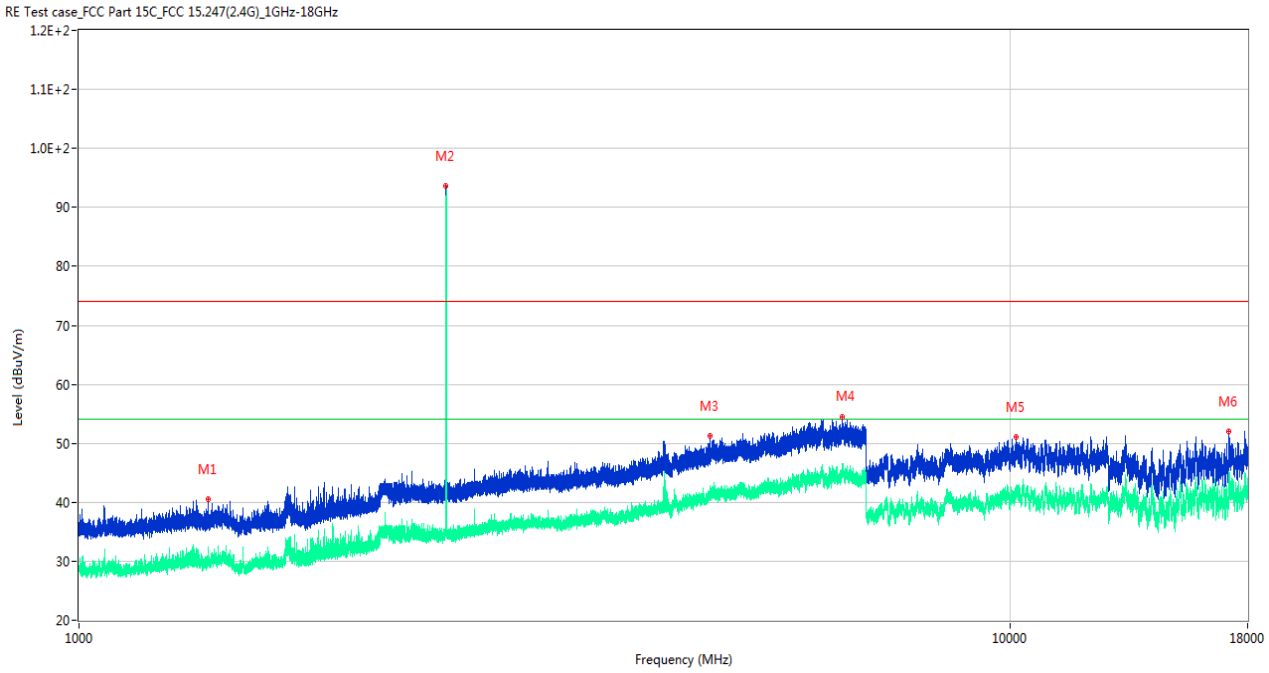
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	42.95	-17.44	74.0	31.05	Peak	139.00	400	Vertical	Pass
1**	1597.400	34.02	-17.44	54.0	19.98	AV	139.00	400	Vertical	Pass
2	2440.000	91.19	-12.26	74.0	-17.19	Peak	146.00	100	Vertical	N/A
2**	2440.000	90.32	-12.26	54.0	-36.32	AV	146.00	100	Vertical	N/A
3	4897.000	50.32	-2.35	74.0	23.68	Peak	207.00	100	Vertical	Pass
3**	4897.000	41.54	-2.35	54.0	12.46	AV	207.00	100	Vertical	Pass
4	6604.800	55.07	1.88	74.0	18.93	Peak	111.00	300	Vertical	Pass
4**	6604.800	45.34	1.88	54.0	8.66	AV	111.00	300	Vertical	Pass
5	10188.662	51.11	0.24	74.0	22.89	Peak	13.00	100	Vertical	Pass
5**	10188.662	41.63	0.24	54.0	12.37	AV	13.00	100	Vertical	Pass
6	17202.262	51.70	1.78	74.0	22.30	Peak	138.00	400	Vertical	Pass
6**	17202.262	44.35	1.78	54.0	9.65	AV	138.00	400	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



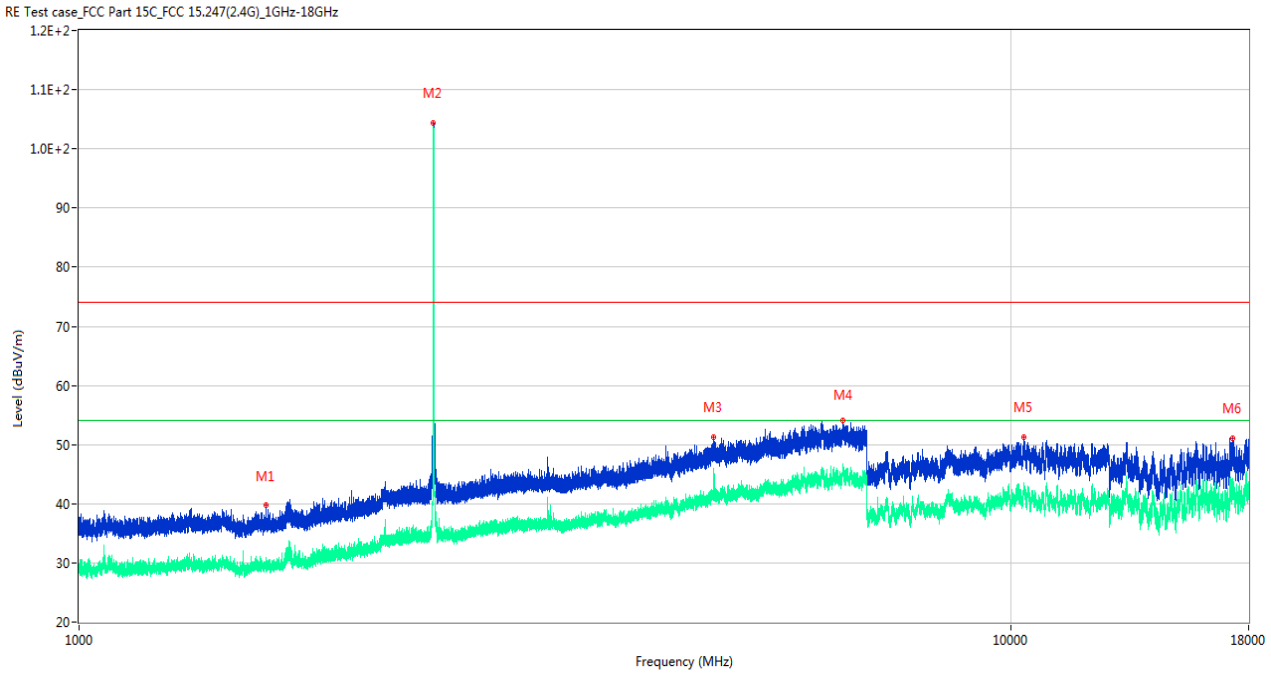
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1292.300	40.83	-17.42	74.0	33.17	Peak	88.00	100	Horizontal	Pass
1**	1292.300	31.49	-17.42	54.0	22.51	AV	88.00	100	Horizontal	Pass
2	2479.800	105.58	-12.20	74.0	-31.58	Peak	331.00	100	Horizontal	N/A
2**	2479.800	104.47	-12.20	54.0	-50.47	AV	331.00	100	Horizontal	N/A
3	4959.400	51.38	-2.19	74.0	22.62	Peak	177.00	100	Horizontal	Pass
3**	4959.400	45.21	-2.19	54.0	8.79	AV	177.00	100	Horizontal	Pass
4	6284.800	54.28	1.39	74.0	19.72	Peak	166.00	200	Horizontal	Pass
4**	6284.800	45.24	1.39	54.0	8.76	AV	166.00	200	Horizontal	Pass
5	10187.800	51.51	0.22	74.0	22.49	Peak	315.00	300	Horizontal	Pass
5**	10187.800	42.47	0.22	54.0	11.53	AV	315.00	300	Horizontal	Pass
6	17194.912	50.90	2.19	74.0	23.10	Peak	105.00	400	Horizontal	Pass
6**	17194.912	42.74	2.19	54.0	11.26	AV	105.00	400	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



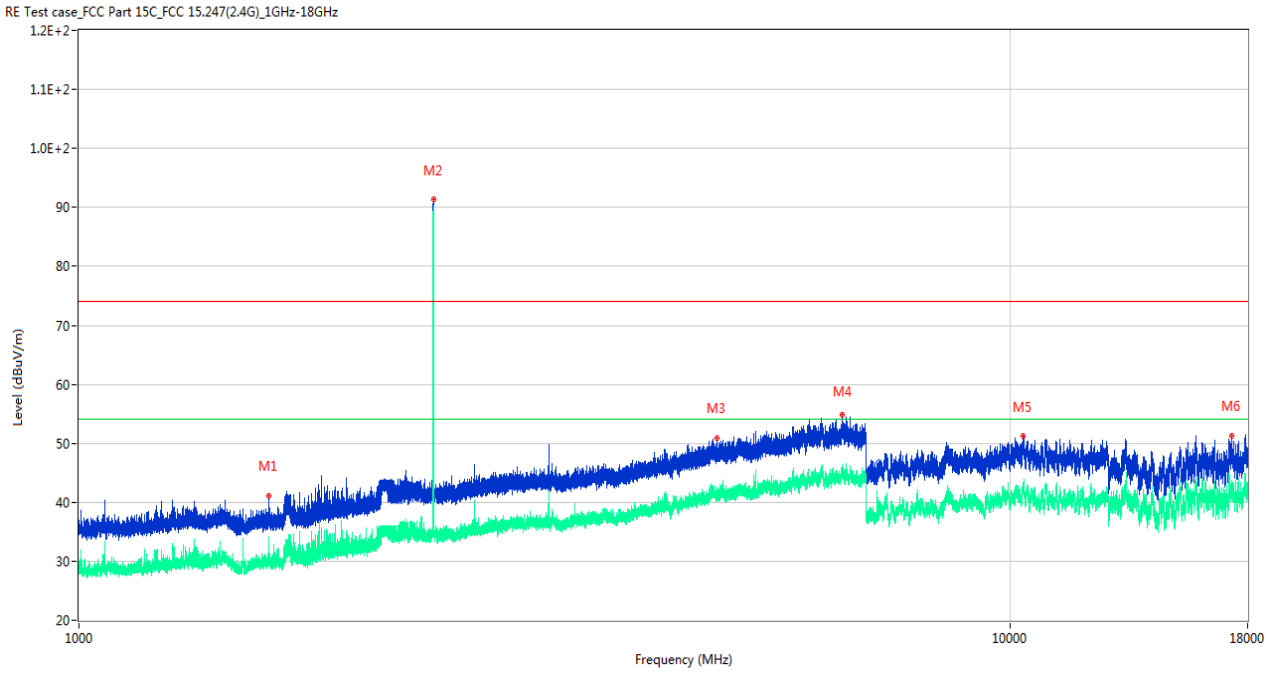
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1375.100	40.54	-16.95	74.0	33.46	Peak	106.00	300	Vertical	Pass
1**	1375.100	30.10	-16.95	54.0	23.90	AV	106.00	300	Vertical	Pass
2	2479.700	93.69	-12.21	74.0	-19.69	Peak	227.00	100	Vertical	N/A
2**	2479.700	91.64	-12.21	54.0	-37.64	AV	227.00	100	Vertical	N/A
3	4767.200	51.32	-2.13	74.0	22.68	Peak	0.00	200	Vertical	Pass
3**	4767.200	40.82	-2.13	54.0	13.18	AV	0.00	200	Vertical	Pass
4	6609.600	54.38	2.01	74.0	19.62	Peak	229.00	400	Vertical	Pass
4**	6609.600	46.05	2.01	54.0	7.95	AV	229.00	400	Vertical	Pass
5	10164.799	51.16	-0.30	74.0	22.84	Peak	29.00	200	Vertical	Pass
5**	10164.799	41.65	-0.30	54.0	12.35	AV	29.00	200	Vertical	Pass
6	17198.324	52.07	1.99	74.0	21.93	Peak	306.00	300	Vertical	Pass
6**	17198.324	44.35	1.99	54.0	9.65	AV	306.00	300	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



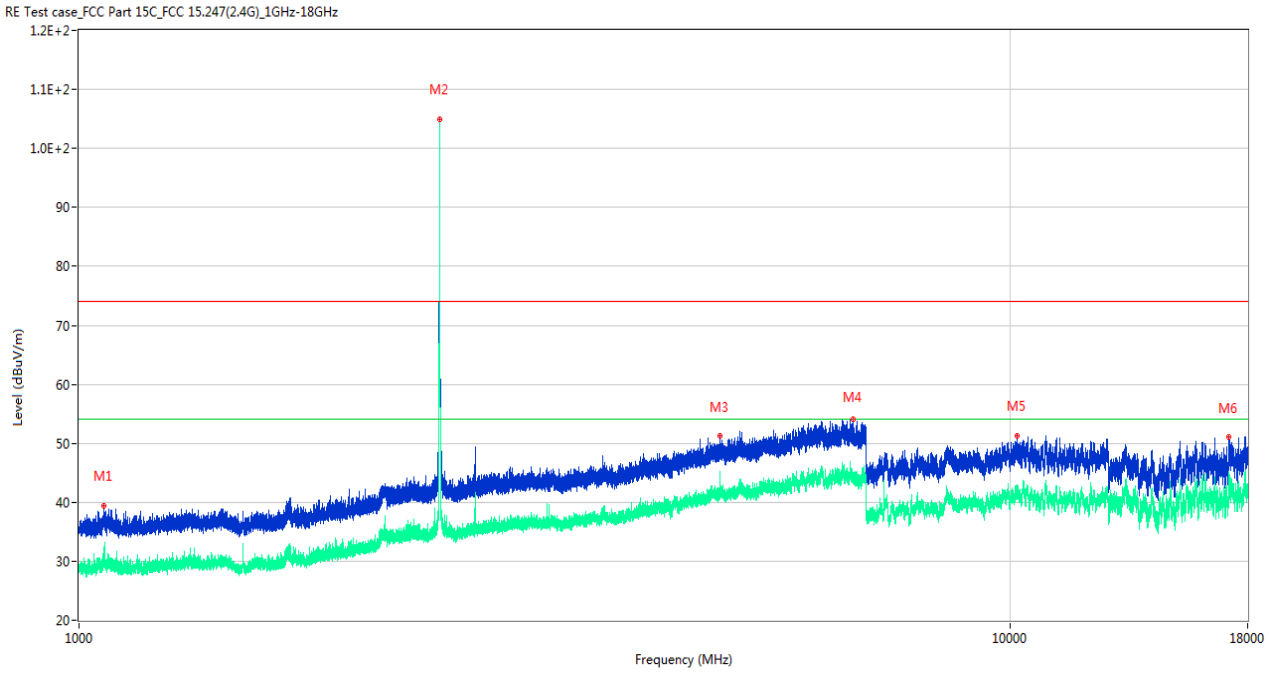
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.900	39.72	-17.16	74.0	34.28	Peak	67.00	300	Horizontal	Pass
1**	1586.900	29.62	-17.16	54.0	24.38	AV	67.00	300	Horizontal	Pass
2	2401.500	104.45	-11.74	74.0	-30.45	Peak	183.00	100	Horizontal	N/A
2**	2401.500	104.07	-11.74	54.0	-50.07	AV	183.00	100	Horizontal	N/A
3	4802.800	51.30	-1.91	74.0	22.70	Peak	164.00	200	Horizontal	Pass
3**	4802.800	44.55	-1.91	54.0	9.45	AV	164.00	200	Horizontal	Pass
4	6604.400	54.07	1.85	74.0	19.93	Peak	26.00	200	Horizontal	Pass
4**	6604.400	46.38	1.85	54.0	7.62	AV	26.00	200	Horizontal	Pass
5	10326.950	51.34	-0.04	74.0	22.66	Peak	47.00	400	Horizontal	Pass
5**	10326.950	42.84	-0.04	54.0	11.16	AV	47.00	400	Horizontal	Pass
6	17291.512	51.07	1.66	74.0	22.93	Peak	114.00	400	Horizontal	Pass
6**	17291.512	42.37	1.66	54.0	11.63	AV	114.00	400	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



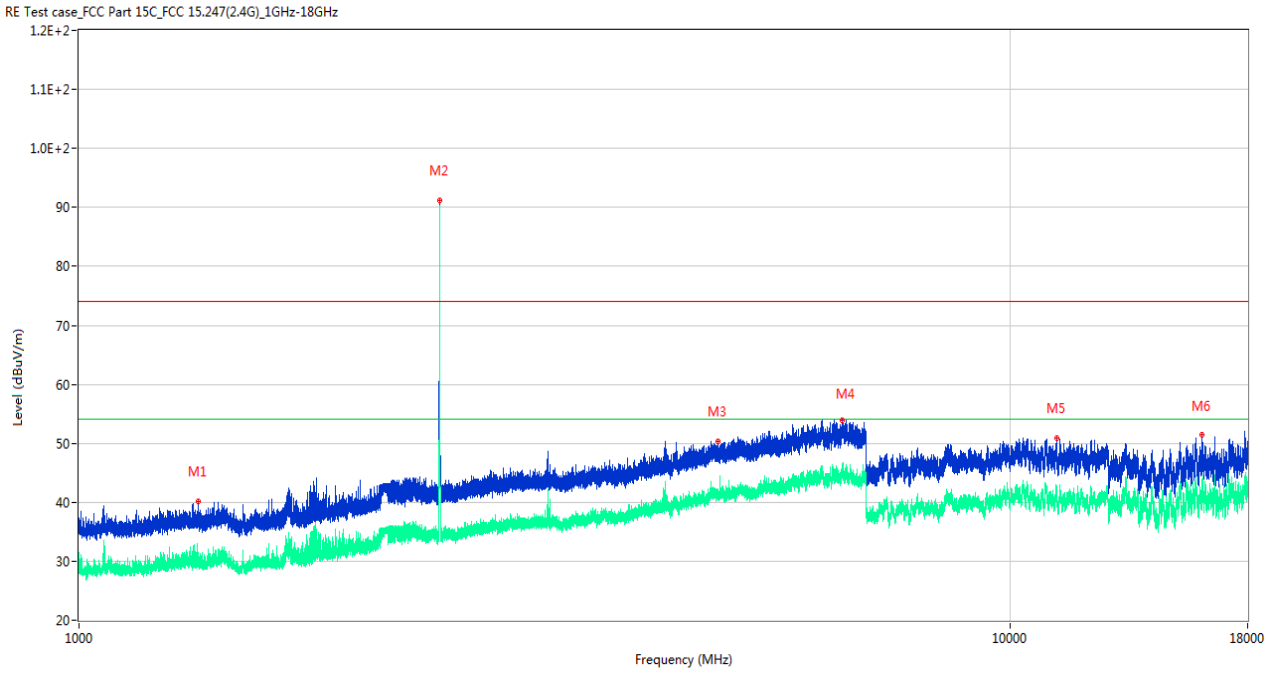
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.500	41.09	-17.39	74.0	32.91	Peak	318.00	200	Vertical	Pass
1**	1599.500	31.54	-17.39	54.0	22.46	AV	318.00	200	Vertical	Pass
2	2402.500	91.30	-11.74	74.0	-17.30	Peak	227.00	200	Vertical	N/A
2**	2402.500	89.62	-11.74	54.0	-35.62	AV	227.00	200	Vertical	N/A
3	4842.600	50.90	-3.06	74.0	23.10	Peak	22.00	200	Vertical	Pass
3**	4842.600	40.82	-3.06	54.0	13.18	AV	22.00	200	Vertical	Pass
4	6611.200	54.83	2.12	74.0	19.17	Peak	278.00	100	Vertical	Pass
4**	6611.200	45.79	2.12	54.0	8.21	AV	278.00	100	Vertical	Pass
5	10330.112	51.18	0.01	74.0	22.82	Peak	29.00	200	Vertical	Pass
5**	10330.112	42.69	0.01	54.0	11.31	AV	29.00	200	Vertical	Pass
6	17286.525	51.35	1.69	74.0	22.65	Peak	0.00	100	Vertical	Pass
6**	17286.525	43.29	1.69	54.0	10.71	AV	0.00	100	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



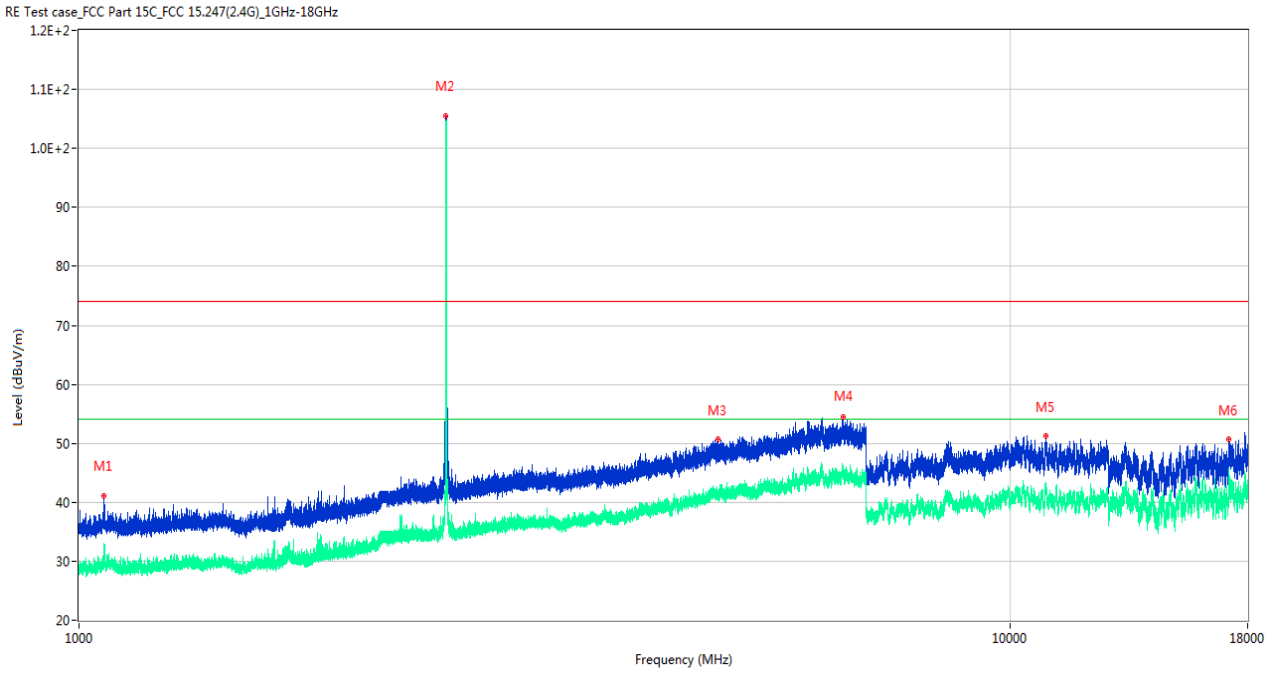
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.400	39.47	-18.16	74.0	34.53	Peak	337.00	300	Horizontal	Pass
1**	1063.400	29.46	-18.16	54.0	24.54	AV	337.00	300	Horizontal	Pass
2	2439.500	104.93	-12.28	74.0	-30.93	Peak	332.00	150	Horizontal	N/A
2**	2439.500	102.09	-12.28	54.0	-48.09	AV	332.00	150	Horizontal	N/A
3	4879.000	51.24	-2.59	74.0	22.76	Peak	176.00	100	Horizontal	Pass
3**	4879.000	42.91	-2.59	54.0	11.09	AV	176.00	100	Horizontal	Pass
4	6792.000	54.00	0.96	74.0	20.00	Peak	310.00	300	Horizontal	Pass
4**	6792.000	44.28	0.96	54.0	9.72	AV	310.00	300	Horizontal	Pass
5	10187.513	51.32	0.22	74.0	22.68	Peak	45.00	200	Horizontal	Pass
5**	10187.513	42.36	0.22	54.0	11.64	AV	45.00	200	Horizontal	Pass
6	17192.550	51.03	2.26	74.0	22.97	Peak	360.00	400	Horizontal	Pass
6**	17192.550	43.45	2.26	54.0	10.55	AV	360.00	400	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



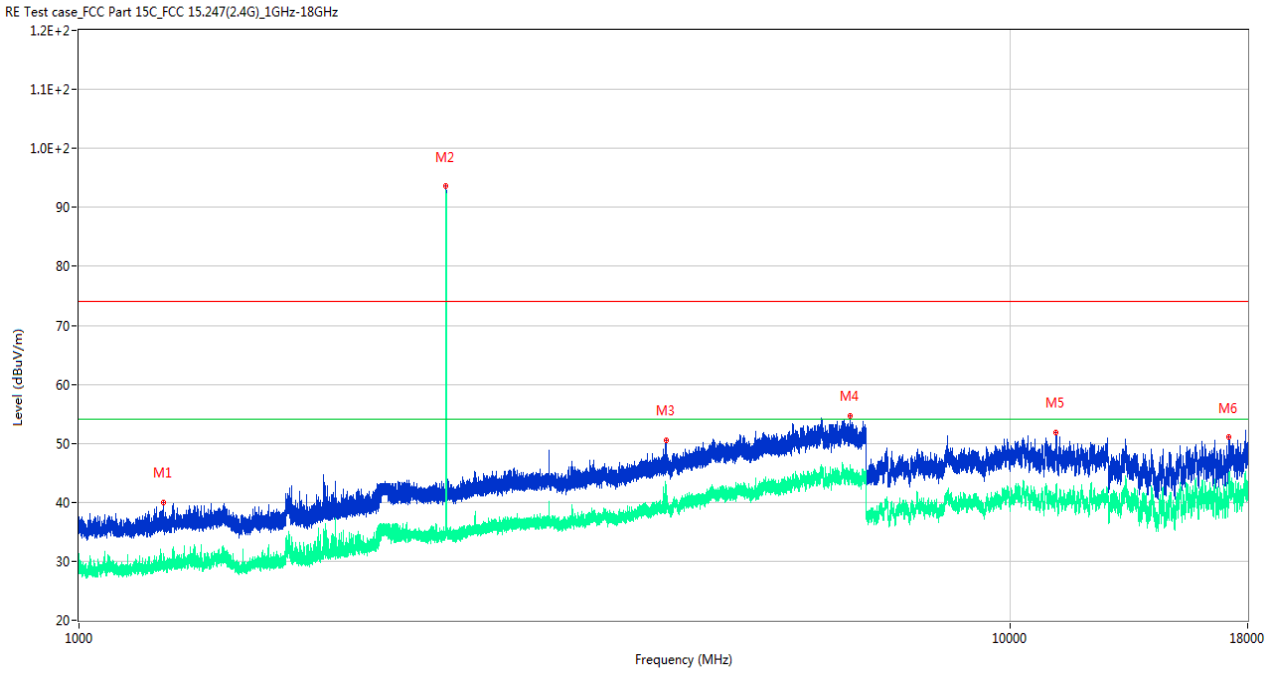
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.900	40.21	-17.02	74.0	33.79	Peak	97.00	100	Vertical	Pass
1**	1341.900	31.17	-17.02	54.0	22.83	AV	97.00	100	Vertical	Pass
2	2439.600	91.18	-12.28	74.0	-17.18	Peak	141.00	100	Vertical	N/A
2**	2439.600	89.33	-12.28	54.0	-35.33	AV	141.00	100	Vertical	N/A
3	4859.600	50.40	-2.73	74.0	23.60	Peak	350.00	100	Vertical	Pass
3**	4859.600	41.43	-2.73	54.0	12.57	AV	350.00	100	Vertical	Pass
4	6604.600	53.94	1.88	74.0	20.06	Peak	107.00	100	Vertical	Pass
4**	6604.600	45.62	1.88	54.0	8.38	AV	107.00	100	Vertical	Pass
5	11217.338	50.97	-0.20	74.0	23.03	Peak	103.00	400	Vertical	Pass
5**	11217.338	41.29	-0.20	54.0	12.71	AV	103.00	400	Vertical	Pass
6	16093.463	51.44	1.36	74.0	22.56	Peak	316.00	400	Vertical	Pass
6**	16093.463	42.83	1.36	54.0	11.17	AV	316.00	400	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	41.09	-18.26	74.0	32.91	Peak	344.00	200	Horizontal	Pass
1**	1064.500	30.87	-18.26	54.0	23.13	AV	344.00	200	Horizontal	Pass
2	2479.500	105.58	-12.21	74.0	-31.58	Peak	325.00	100	Horizontal	N/A
2**	2479.500	103.31	-12.21	54.0	-49.31	AV	325.00	100	Horizontal	N/A
3	4860.800	50.65	-2.70	74.0	23.35	Peak	351.00	100	Horizontal	Pass
3**	4860.800	41.44	-2.70	54.0	12.56	AV	351.00	100	Horizontal	Pass
4	6614.200	54.54	2.05	74.0	19.46	Peak	292.00	400	Horizontal	Pass
4**	6614.200	45.24	2.05	54.0	8.76	AV	292.00	400	Horizontal	Pass
5	10921.500	51.21	0.21	74.0	22.79	Peak	147.00	100	Horizontal	Pass
5**	10921.500	42.32	0.21	54.0	11.68	AV	147.00	100	Horizontal	Pass
6	17183.887	50.62	2.56	74.0	23.38	Peak	0.00	400	Horizontal	Pass
6**	17183.887	42.65	2.56	54.0	11.35	AV	0.00	400	Horizontal	Pass

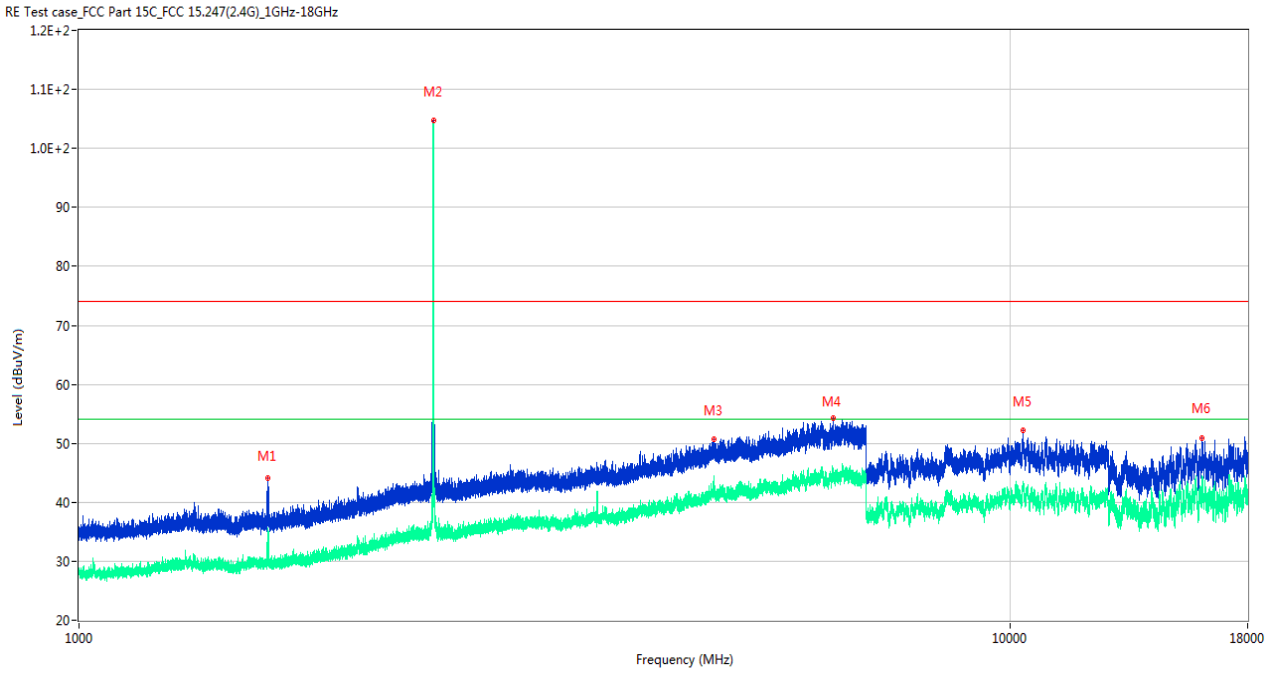
GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1231.400	40.00	-17.41	74.0	34.00	Peak	72.00	100	Vertical	Pass
1**	1231.400	29.23	-17.41	54.0	24.77	AV	72.00	100	Vertical	Pass
2	2479.500	93.61	-12.21	74.0	-19.61	Peak	224.00	100	Vertical	N/A
2**	2479.500	90.13	-12.21	54.0	-36.13	AV	224.00	100	Vertical	N/A
3	4271.200	50.53	-3.66	74.0	23.47	Peak	74.00	100	Vertical	Pass
3**	4271.200	39.24	-3.66	54.0	14.76	AV	74.00	100	Vertical	Pass
4	6740.200	54.73	2.26	74.0	19.27	Peak	162.00	300	Vertical	Pass
4**	6740.200	45.39	2.26	54.0	8.61	AV	162.00	300	Vertical	Pass
5	11214.750	51.85	-0.19	74.0	22.15	Peak	195.00	300	Vertical	Pass
5**	11214.750	41.75	-0.19	54.0	12.25	AV	195.00	300	Vertical	Pass
6	17195.438	50.99	2.16	74.0	23.01	Peak	160.00	400	Vertical	Pass
6**	17195.438	43.70	2.16	54.0	10.30	AV	160.00	400	Vertical	Pass

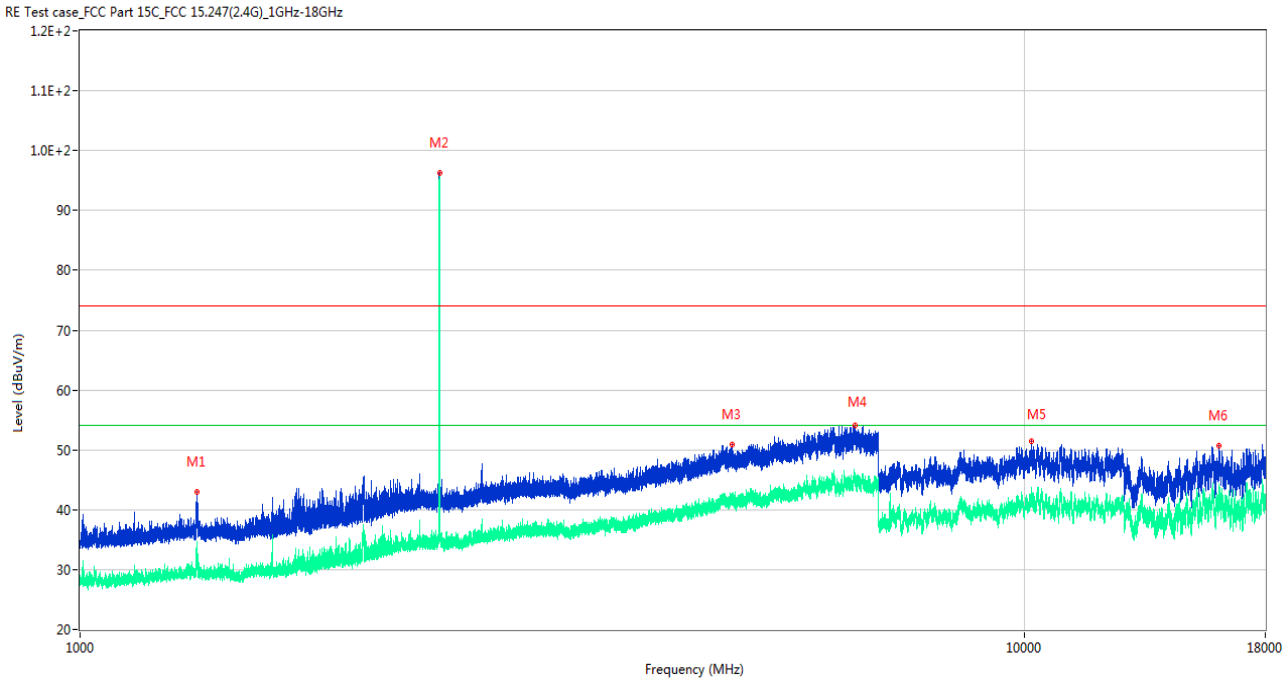
Dipole Antenna 3

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



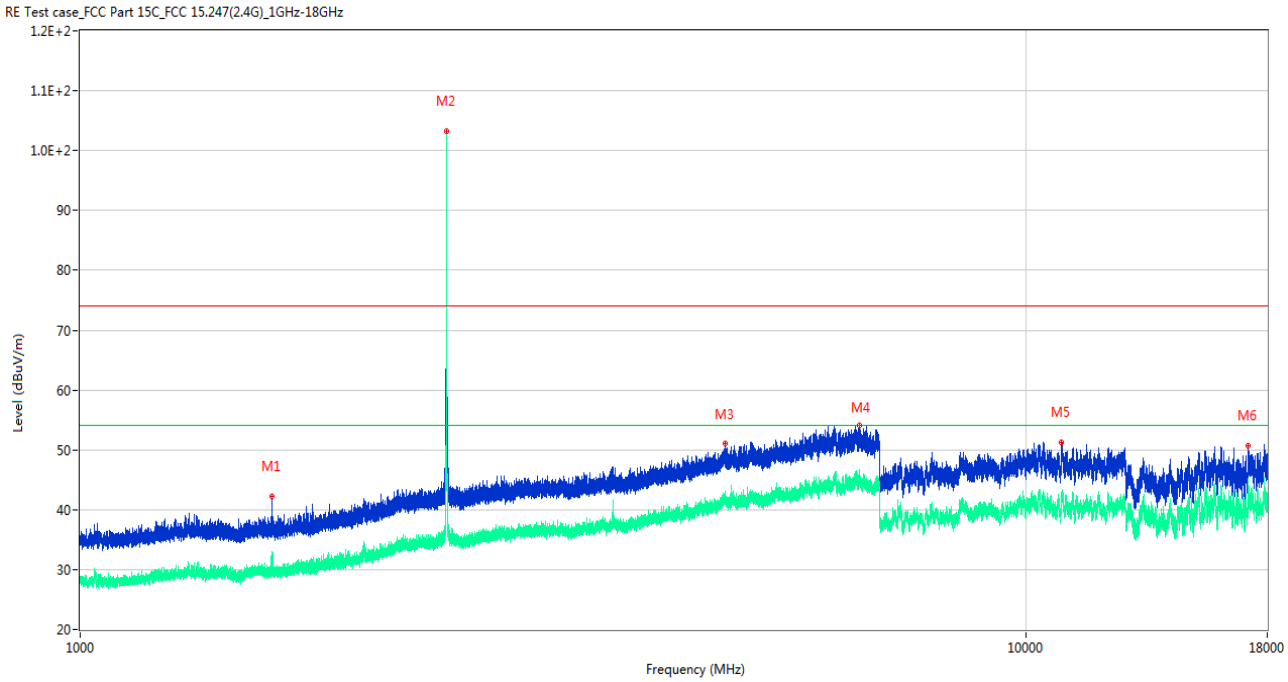
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.400	44.05	-17.11	74.0	29.95	Peak	251.00	400	Horizontal	Pass
1**	1594.400	35.67	-17.11	54.0	18.33	AV	251.00	400	Horizontal	Pass
2	2402.300	104.71	-11.74	74.0	-30.71	Peak	256.00	200	Horizontal	N/A
2**	2402.300	103.98	-11.74	54.0	-49.98	AV	256.00	200	Horizontal	N/A
3	4803.600	50.62	-2.00	74.0	23.38	Peak	302.00	200	Horizontal	Pass
3**	4803.600	42.38	-2.00	54.0	11.62	AV	302.00	200	Horizontal	Pass
4	6453.600	54.31	1.81	74.0	19.69	Peak	0.00	100	Horizontal	Pass
4**	6453.600	44.46	1.81	54.0	9.54	AV	0.00	100	Horizontal	Pass
5	10326.950	52.15	-0.04	74.0	21.85	Peak	186.00	200	Horizontal	Pass
5**	10326.950	42.47	-0.04	54.0	11.53	AV	186.00	200	Horizontal	Pass
6	16083.750	50.95	1.56	74.0	23.05	Peak	54.00	300	Horizontal	Pass
6**	16083.750	42.94	1.56	54.0	11.06	AV	54.00	300	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



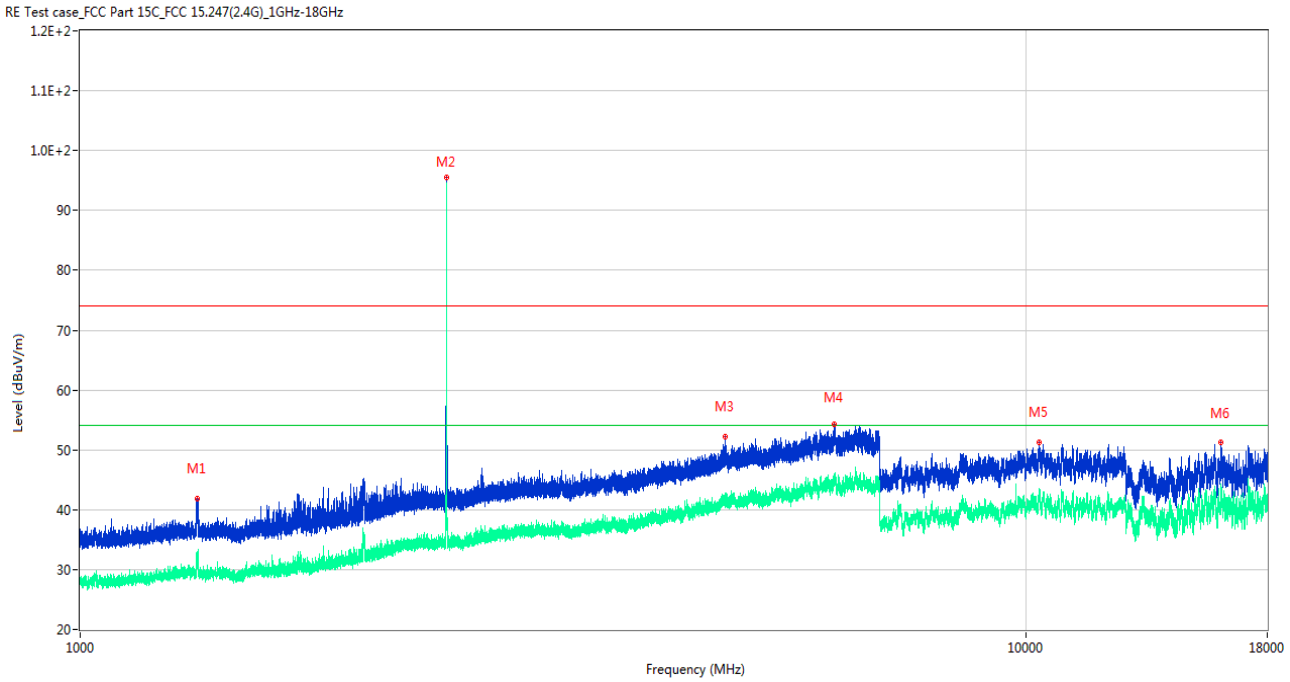
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	43.02	-17.10	74.0	30.98	Peak	190.00	300	Vertical	Pass
1**	1328.300	32.24	-17.10	54.0	21.76	AV	190.00	300	Vertical	Pass
2	2402.000	96.30	-11.74	74.0	-22.30	Peak	145.00	100	Vertical	N/A
2**	2402.000	95.51	-11.74	54.0	-41.51	AV	145.00	100	Vertical	N/A
3	4902.200	50.97	-2.15	74.0	23.03	Peak	106.00	100	Vertical	Pass
3**	4902.200	41.46	-2.15	54.0	12.54	AV	106.00	100	Vertical	Pass
4	6612.600	54.07	2.17	74.0	19.93	Peak	75.00	300	Vertical	Pass
4**	6612.600	45.31	2.17	54.0	8.69	AV	75.00	300	Vertical	Pass
5	10166.525	51.46	-0.28	74.0	22.54	Peak	108.00	200	Vertical	Pass
5**	10166.525	43.72	-0.28	54.0	10.28	AV	108.00	200	Vertical	Pass
6	16081.388	50.74	1.61	74.0	23.26	Peak	54.00	200	Vertical	Pass
6**	16081.388	42.04	1.61	54.0	11.96	AV	54.00	200	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



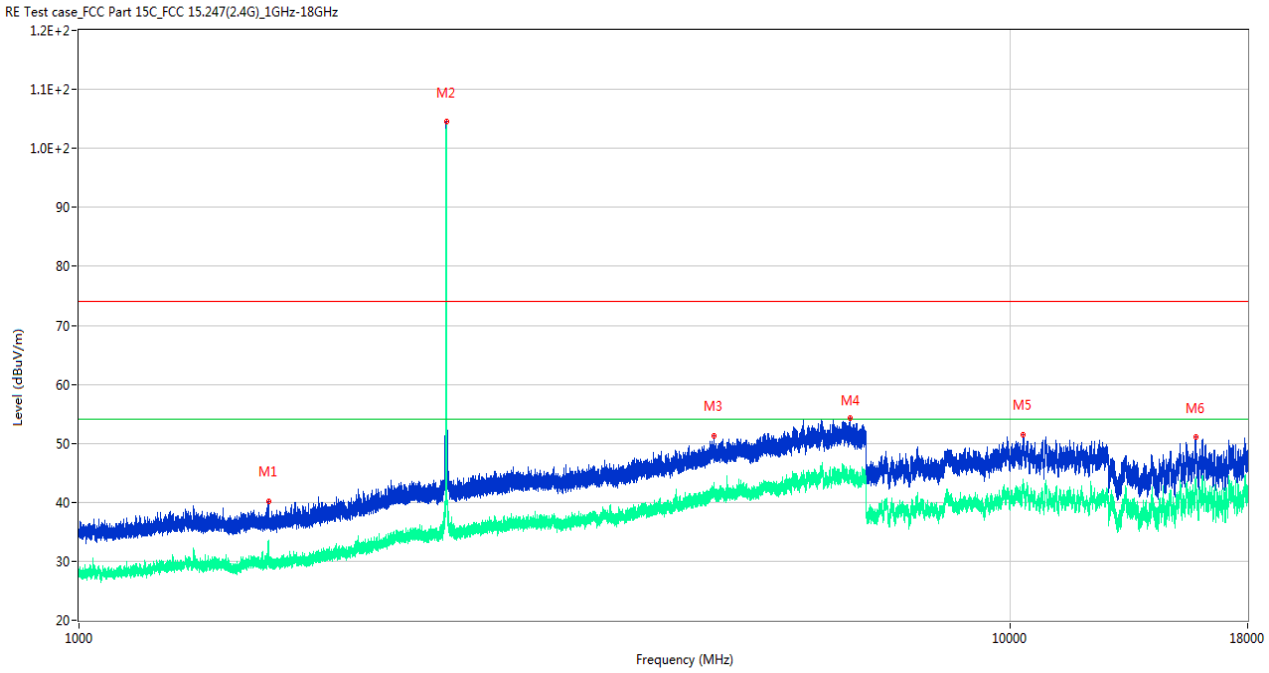
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.200	42.22	-17.42	74.0	31.78	Peak	87.00	300	Horizontal	Pass
1**	1596.200	32.84	-17.42	54.0	21.16	AV	87.00	300	Horizontal	Pass
2	2439.800	103.28	-12.27	74.0	-29.28	Peak	257.00	150	Horizontal	N/A
2**	2439.800	102.49	-12.27	54.0	-48.49	AV	257.00	150	Horizontal	N/A
3	4804.800	51.06	-2.12	74.0	22.94	Peak	240.00	150	Horizontal	Pass
3**	4804.800	41.30	-2.12	54.0	12.70	AV	240.00	150	Horizontal	Pass
4	6662.600	54.13	0.86	74.0	19.87	Peak	26.00	200	Horizontal	Pass
4**	6662.600	45.53	0.86	54.0	8.47	AV	26.00	200	Horizontal	Pass
5	10915.174	51.29	0.20	74.0	22.71	Peak	138.00	300	Horizontal	Pass
5**	10915.174	42.59	0.20	54.0	11.41	AV	138.00	300	Horizontal	Pass
6	17183.363	50.70	2.58	74.0	23.30	Peak	255.00	300	Horizontal	Pass
6**	17183.363	44.10	2.58	54.0	9.90	AV	255.00	300	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



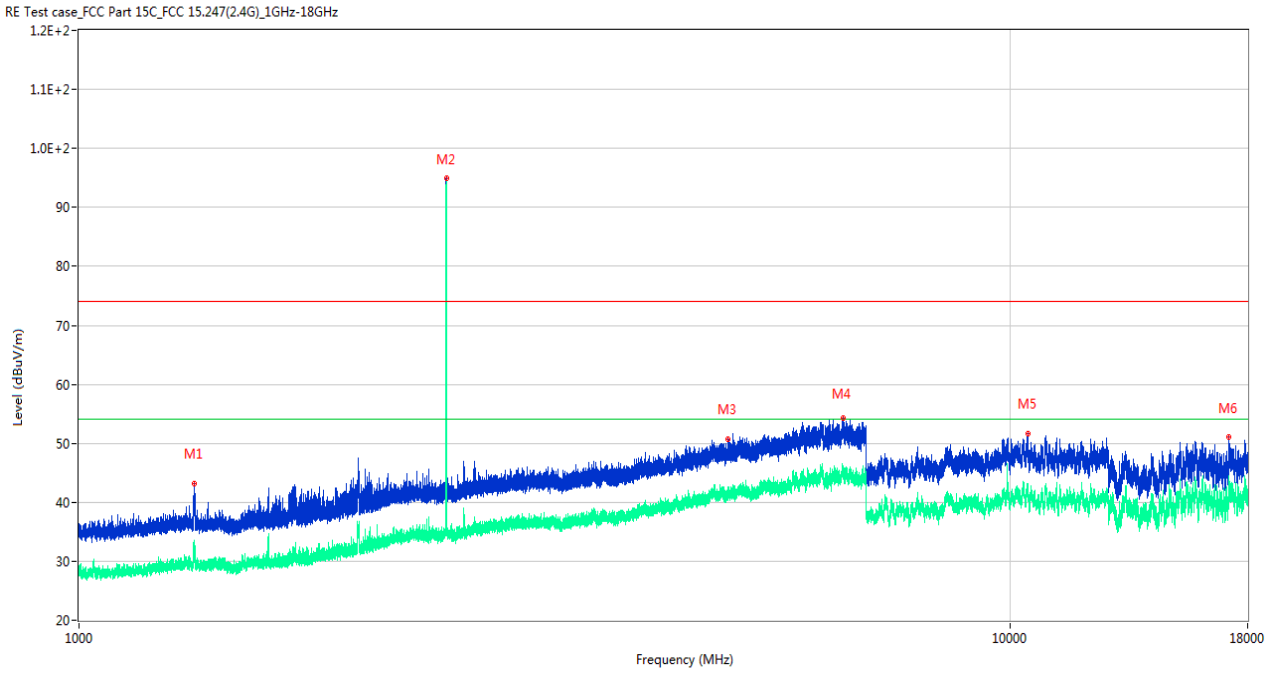
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	41.86	-17.31	74.0	32.14	Peak	190.00	300	Vertical	Pass
1**	1331.100	31.19	-17.31	54.0	22.81	AV	190.00	300	Vertical	Pass
2	2440.300	95.53	-12.24	74.0	-21.53	Peak	145.00	150	Vertical	N/A
2**	2440.300	93.48	-12.24	54.0	-39.48	AV	145.00	150	Vertical	N/A
3	4807.200	52.28	-2.15	74.0	21.72	Peak	311.00	200	Vertical	Pass
3**	4807.200	42.03	-2.15	54.0	11.97	AV	311.00	200	Vertical	Pass
4	6273.200	54.28	0.80	74.0	19.72	Peak	47.00	100	Vertical	Pass
4**	6273.200	44.75	0.80	54.0	9.25	AV	47.00	100	Vertical	Pass
5	10337.013	51.28	0.07	74.0	22.72	Peak	360.00	400	Vertical	Pass
5**	10337.013	42.54	0.07	54.0	11.46	AV	360.00	400	Vertical	Pass
6	16078.763	51.22	1.62	74.0	22.78	Peak	90.00	300	Vertical	Pass
6**	16078.763	42.75	1.62	54.0	11.25	AV	90.00	300	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



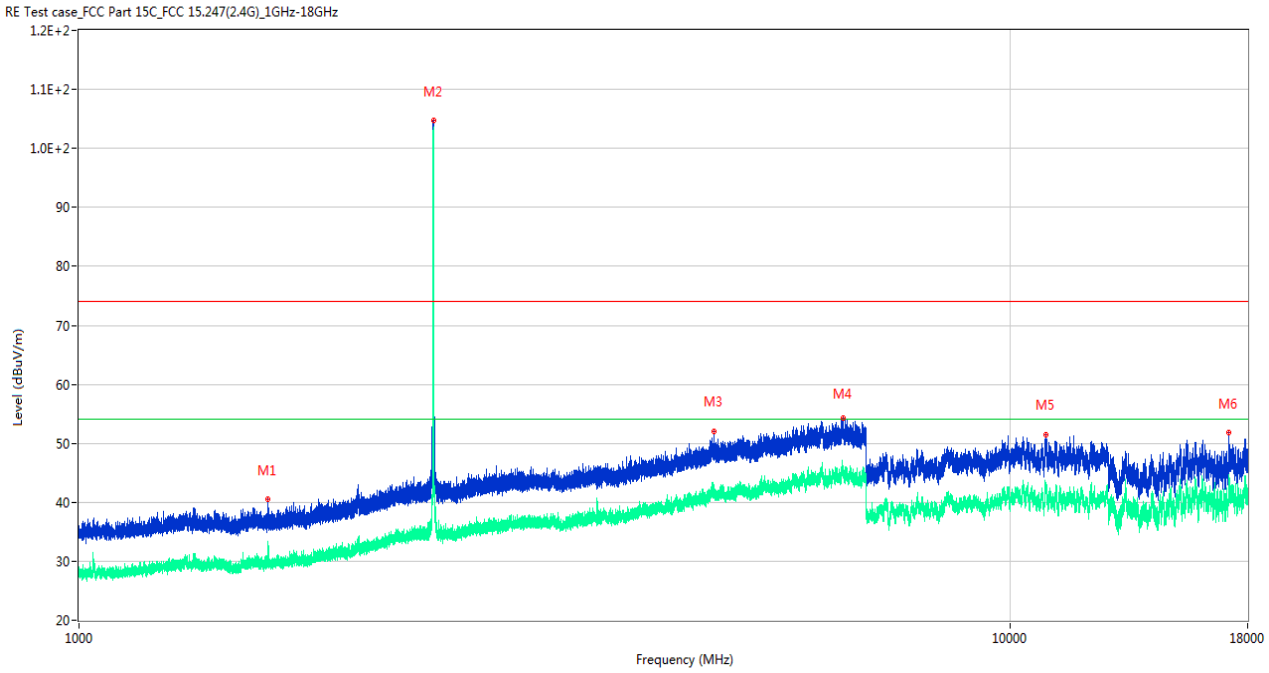
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	40.17	-17.44	74.0	33.83	Peak	87.00	400	Horizontal	Pass
1**	1597.400	30.95	-17.44	54.0	23.05	AV	87.00	400	Horizontal	Pass
2	2479.800	104.51	-12.20	74.0	-30.51	Peak	254.00	150	Horizontal	N/A
2**	2479.800	103.22	-12.20	54.0	-49.22	AV	254.00	150	Horizontal	N/A
3	4808.000	51.21	-2.07	74.0	22.79	Peak	293.00	100	Horizontal	Pass
3**	4808.000	42.10	-2.07	54.0	11.90	AV	293.00	100	Horizontal	Pass
4	6736.400	54.20	2.46	74.0	19.80	Peak	360.00	100	Horizontal	Pass
4**	6736.400	45.04	2.46	54.0	8.96	AV	360.00	100	Horizontal	Pass
5	10328.388	51.52	-0.02	74.0	22.48	Peak	76.00	300	Horizontal	Pass
5**	10328.388	42.19	-0.02	54.0	11.81	AV	76.00	300	Horizontal	Pass
6	15832.800	50.99	1.47	74.0	23.01	Peak	53.00	200	Horizontal	Pass
6**	15832.800	42.90	1.47	54.0	11.10	AV	53.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



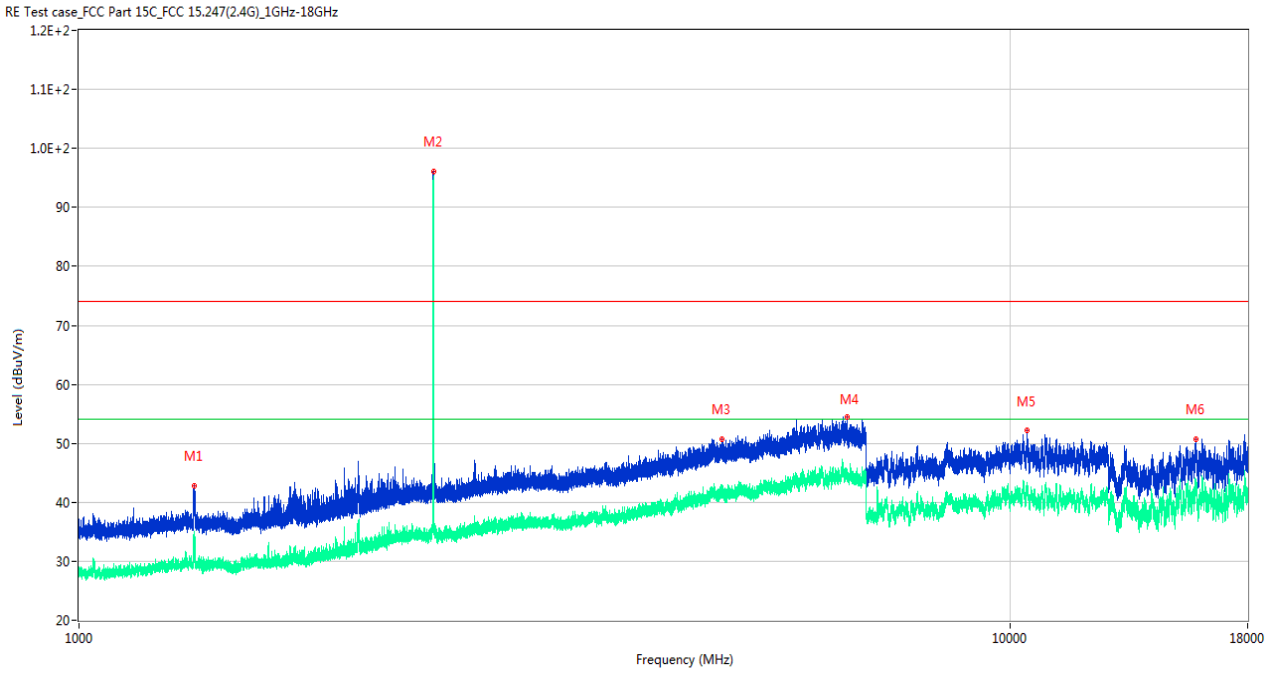
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	43.19	-17.13	74.0	30.81	Peak	184.00	400	Vertical	Pass
1**	1328.700	31.02	-17.13	54.0	22.98	AV	184.00	400	Vertical	Pass
2	2480.300	94.95	-12.21	74.0	-20.95	Peak	145.00	150	Vertical	N/A
2**	2480.300	94.35	-12.21	54.0	-40.35	AV	145.00	150	Vertical	N/A
3	4981.000	50.74	-1.84	74.0	23.26	Peak	323.00	100	Vertical	Pass
3**	4981.000	41.18	-1.84	54.0	12.82	AV	323.00	100	Vertical	Pass
4	6611.600	54.32	2.14	74.0	19.68	Peak	119.00	400	Vertical	Pass
4**	6611.600	45.15	2.14	54.0	8.85	AV	119.00	400	Vertical	Pass
5	10447.412	51.73	-0.51	74.0	22.27	Peak	203.00	400	Vertical	Pass
5**	10447.412	41.91	-0.51	54.0	12.09	AV	203.00	400	Vertical	Pass
6	17196.751	51.05	2.08	74.0	22.95	Peak	37.00	300	Vertical	Pass
6**	17196.751	43.54	2.08	54.0	10.46	AV	37.00	300	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



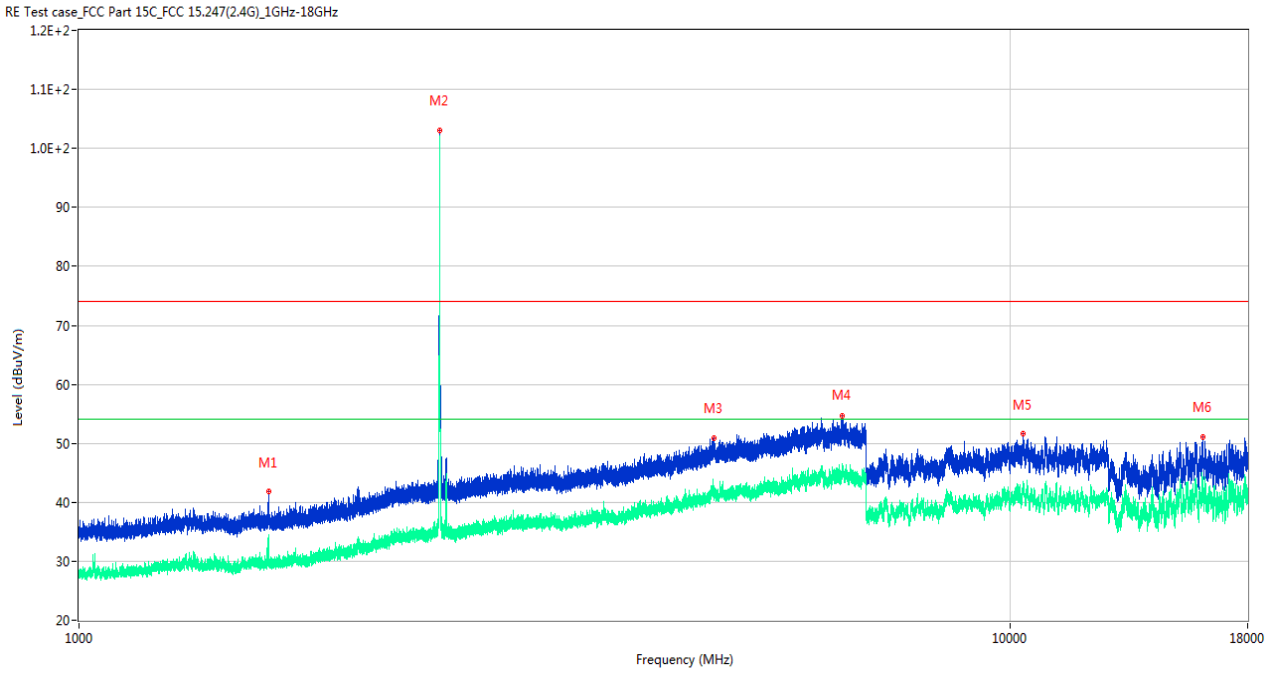
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.600	40.51	-17.15	74.0	33.49	Peak	156.00	400	Horizontal	Pass
1**	1594.600	31.16	-17.15	54.0	22.84	AV	156.00	400	Horizontal	Pass
2	2402.500	104.72	-11.74	74.0	-30.72	Peak	259.00	200	Horizontal	N/A
2**	2402.500	102.43	-11.74	54.0	-48.43	AV	259.00	200	Horizontal	N/A
3	4809.200	52.02	-2.02	74.0	21.98	Peak	272.00	150	Horizontal	Pass
3**	4809.200	41.90	-2.02	54.0	12.10	AV	272.00	150	Horizontal	Pass
4	6612.000	54.23	2.15	74.0	19.77	Peak	241.00	100	Horizontal	Pass
4**	6612.000	45.69	2.15	54.0	8.31	AV	241.00	100	Horizontal	Pass
5	10921.213	51.47	0.22	74.0	22.53	Peak	139.00	100	Horizontal	Pass
5**	10921.213	42.56	0.22	54.0	11.44	AV	139.00	100	Horizontal	Pass
6	17182.575	51.74	2.60	74.0	22.26	Peak	0.00	300	Horizontal	Pass
6**	17182.575	43.20	2.60	54.0	10.80	AV	0.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V



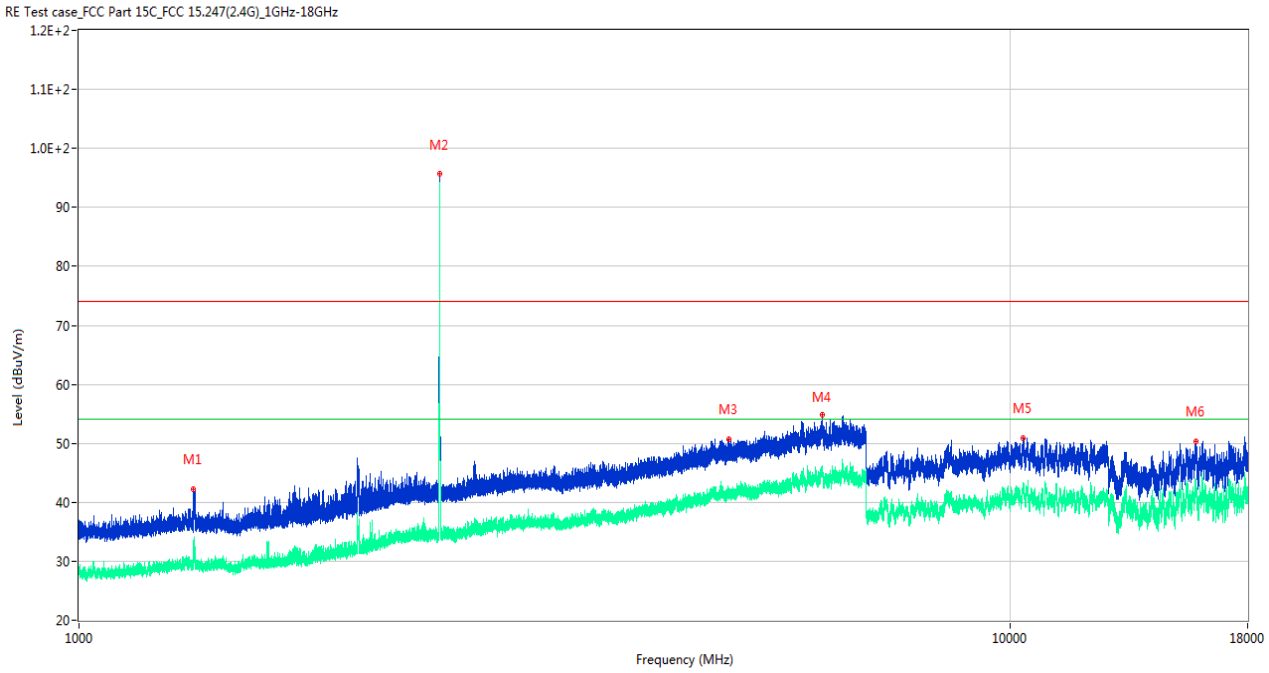
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	42.86	-17.24	74.0	31.14	Peak	183.00	300	Vertical	Pass
1**	1329.400	33.30	-17.24	54.0	20.70	AV	183.00	300	Vertical	Pass
2	2402.500	96.15	-11.74	74.0	-22.15	Peak	149.00	200	Vertical	N/A
2**	2402.500	94.09	-11.74	54.0	-40.09	AV	149.00	200	Vertical	N/A
3	4901.600	50.70	-2.19	74.0	23.30	Peak	251.00	200	Vertical	Pass
3**	4901.600	41.57	-2.19	54.0	12.43	AV	251.00	200	Vertical	Pass
4	6682.400	54.51	-0.09	74.0	19.49	Peak	360.00	100	Vertical	Pass
4**	6682.400	43.99	-0.09	54.0	10.01	AV	360.00	100	Vertical	Pass
5	10430.451	52.19	-0.11	74.0	21.81	Peak	44.00	100	Vertical	Pass
5**	10430.451	42.27	-0.11	54.0	11.73	AV	44.00	100	Vertical	Pass
6	15833.062	50.79	1.47	74.0	23.21	Peak	197.00	200	Vertical	Pass
6**	15833.062	42.04	1.47	54.0	11.96	AV	197.00	200	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



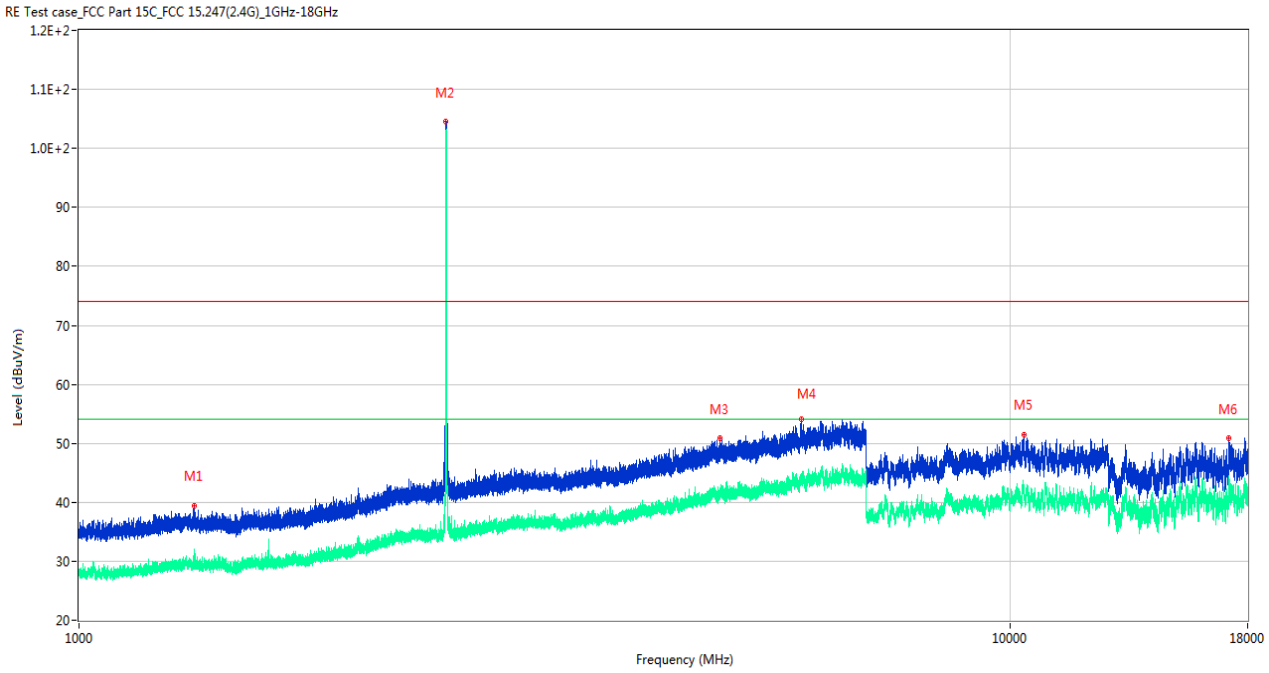
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	41.77	-17.44	74.0	32.23	Peak	163.00	300	Horizontal	Pass
1**	1597.400	29.52	-17.44	54.0	24.48	AV	163.00	300	Horizontal	Pass
2	2439.500	103.11	-12.28	74.0	-29.11	Peak	253.00	100	Horizontal	N/A
2**	2439.500	100.83	-12.28	54.0	-46.83	AV	253.00	100	Horizontal	N/A
3	4812.400	50.92	-2.64	74.0	23.08	Peak	344.00	100	Horizontal	Pass
3**	4812.400	41.41	-2.64	54.0	12.59	AV	344.00	100	Horizontal	Pass
4	6610.600	54.62	2.09	74.0	19.38	Peak	60.00	400	Horizontal	Pass
4**	6610.600	44.83	2.09	54.0	9.17	AV	60.00	400	Horizontal	Pass
5	10338.162	51.59	0.08	74.0	22.41	Peak	202.00	400	Horizontal	Pass
5**	10338.162	42.45	0.08	54.0	11.55	AV	202.00	400	Horizontal	Pass
6	16103.437	51.08	1.05	74.0	22.92	Peak	0.00	200	Horizontal	Pass
6**	16103.437	42.06	1.05	54.0	11.94	AV	0.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



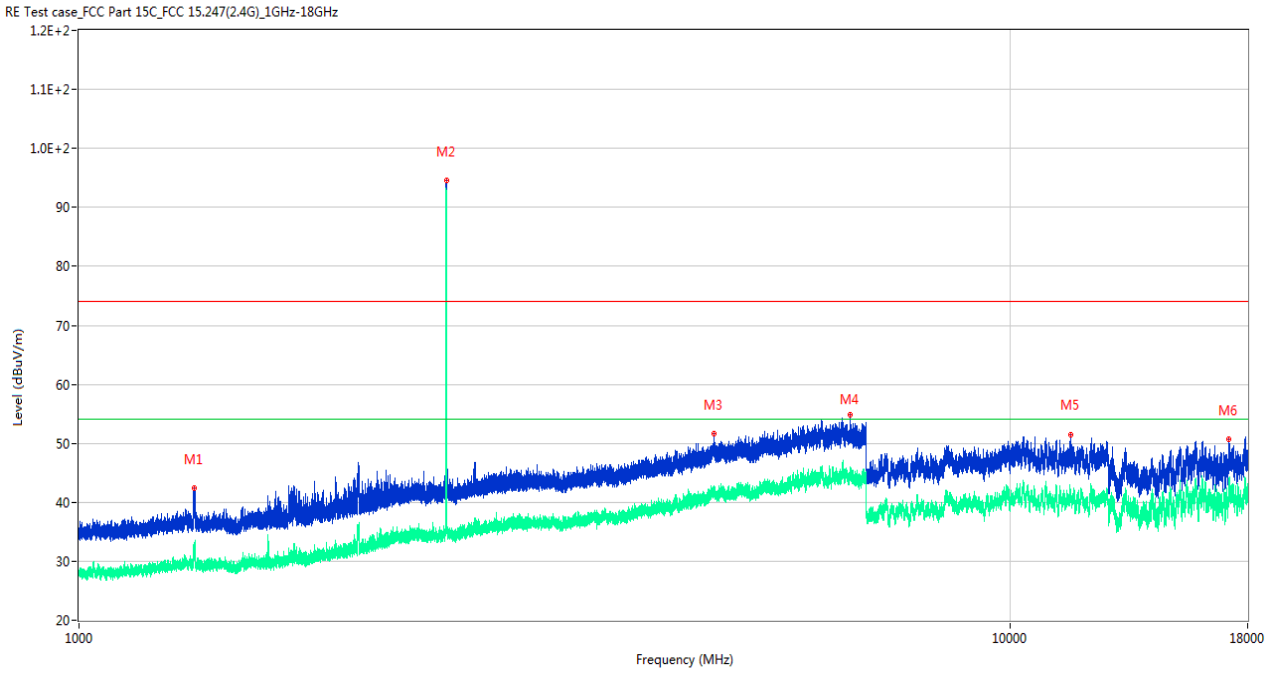
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	42.29	-17.13	74.0	31.71	Peak	198.00	100	Vertical	Pass
1**	1328.000	31.37	-17.13	54.0	22.63	AV	198.00	100	Vertical	Pass
2	2440.600	95.65	-12.22	74.0	-21.65	Peak	145.00	150	Vertical	N/A
2**	2440.600	93.39	-12.22	54.0	-39.39	AV	145.00	150	Vertical	N/A
3	4992.800	50.72	-1.98	74.0	23.28	Peak	18.00	200	Vertical	Pass
3**	4992.800	41.53	-1.98	54.0	12.47	AV	18.00	200	Vertical	Pass
4	6289.800	54.79	1.32	74.0	19.21	Peak	129.00	400	Vertical	Pass
4**	6289.800	45.24	1.32	54.0	8.76	AV	129.00	400	Vertical	Pass
5	10334.713	50.95	0.06	74.0	23.05	Peak	13.00	100	Vertical	Pass
5**	10334.713	42.32	0.06	54.0	11.68	AV	13.00	100	Vertical	Pass
6	15820.987	50.40	1.83	74.0	23.60	Peak	0.00	100	Vertical	Pass
6**	15820.987	42.97	1.83	54.0	11.03	AV	0.00	100	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	39.41	-17.34	74.0	34.59	Peak	138.00	300	Horizontal	Pass
1**	1330.100	29.42	-17.34	54.0	24.58	AV	138.00	300	Horizontal	Pass
2	2479.500	104.49	-12.21	74.0	-30.49	Peak	253.00	150	Horizontal	N/A
2**	2479.500	102.08	-12.21	54.0	-48.08	AV	253.00	150	Horizontal	N/A
3	4882.400	50.87	-2.58	74.0	23.13	Peak	49.00	100	Horizontal	Pass
3**	4882.400	42.13	-2.58	54.0	11.87	AV	49.00	100	Horizontal	Pass
4	5975.800	54.10	0.32	74.0	19.90	Peak	110.00	200	Horizontal	Pass
4**	5975.800	44.38	0.32	54.0	9.62	AV	110.00	200	Horizontal	Pass
5	10341.900	51.44	0.07	74.0	22.56	Peak	77.00	300	Horizontal	Pass
5**	10341.900	42.02	0.07	54.0	11.98	AV	77.00	300	Horizontal	Pass
6	17198.850	50.85	1.96	74.0	23.15	Peak	234.00	300	Horizontal	Pass
6**	17198.850	43.11	1.96	54.0	10.89	AV	234.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V



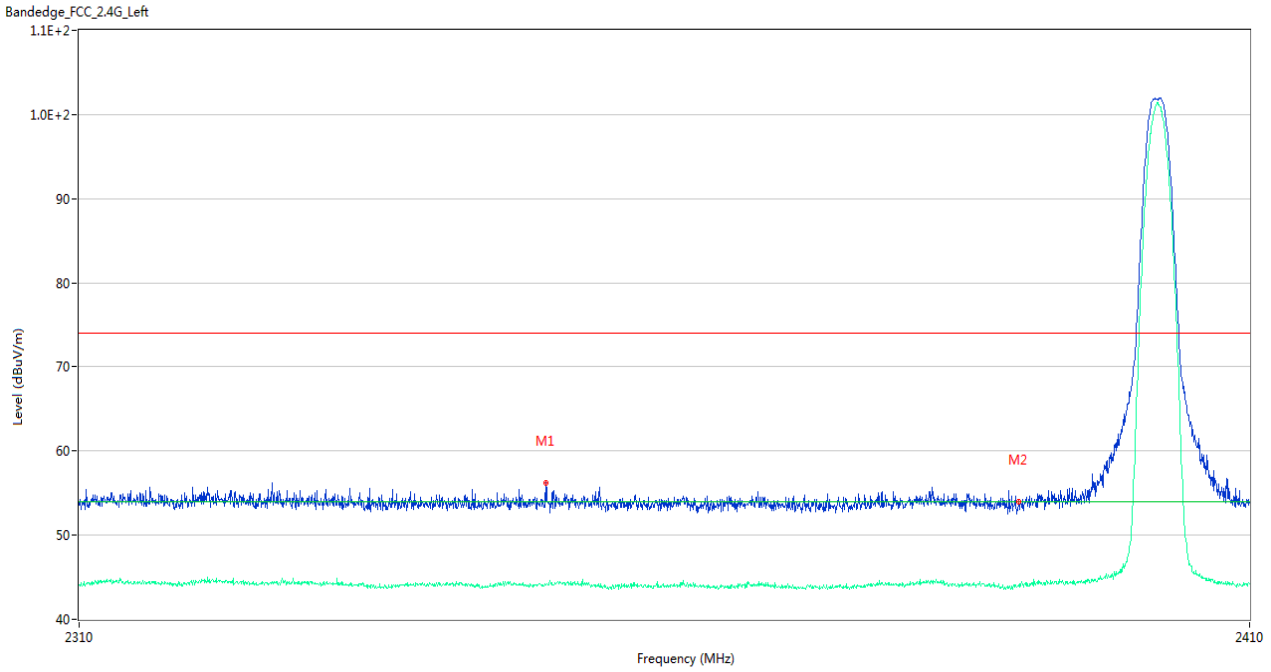
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	42.37	-17.16	74.0	31.63	Peak	215.00	300	Vertical	Pass
1**	1328.900	32.33	-17.16	54.0	21.67	AV	215.00	300	Vertical	Pass
2	2480.700	94.53	-12.23	74.0	-20.53	Peak	146.00	100	Vertical	N/A
2**	2480.700	90.68	-12.23	54.0	-36.68	AV	146.00	100	Vertical	N/A
3	4809.600	51.56	-2.14	74.0	22.44	Peak	292.00	100	Vertical	Pass
3**	4809.600	41.62	-2.14	54.0	12.38	AV	292.00	100	Vertical	Pass
4	6739.600	54.82	2.23	74.0	19.18	Peak	152.00	200	Vertical	Pass
4**	6739.600	45.17	2.23	54.0	8.83	AV	152.00	200	Vertical	Pass
5	11623.576	51.54	-0.10	74.0	22.46	Peak	186.00	100	Vertical	Pass
5**	11623.576	40.56	-0.10	54.0	13.44	AV	186.00	100	Vertical	Pass
6	17182.312	50.62	2.61	74.0	23.38	Peak	55.00	300	Vertical	Pass
6**	17182.312	42.26	2.61	54.0	11.74	AV	55.00	300	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 C63.10-2013, 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.

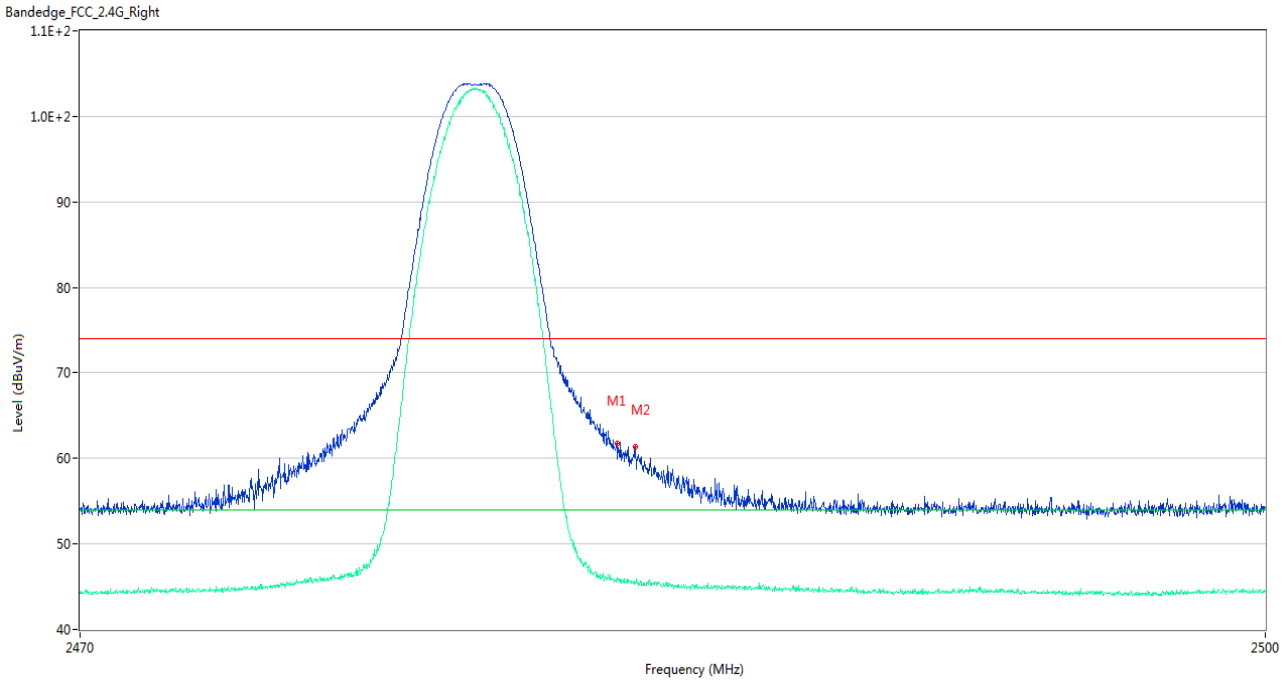
Test Data and Plots
Ceramic Chip Antenna

GFSK (BLE 1Mbps) LOW CHANNEL



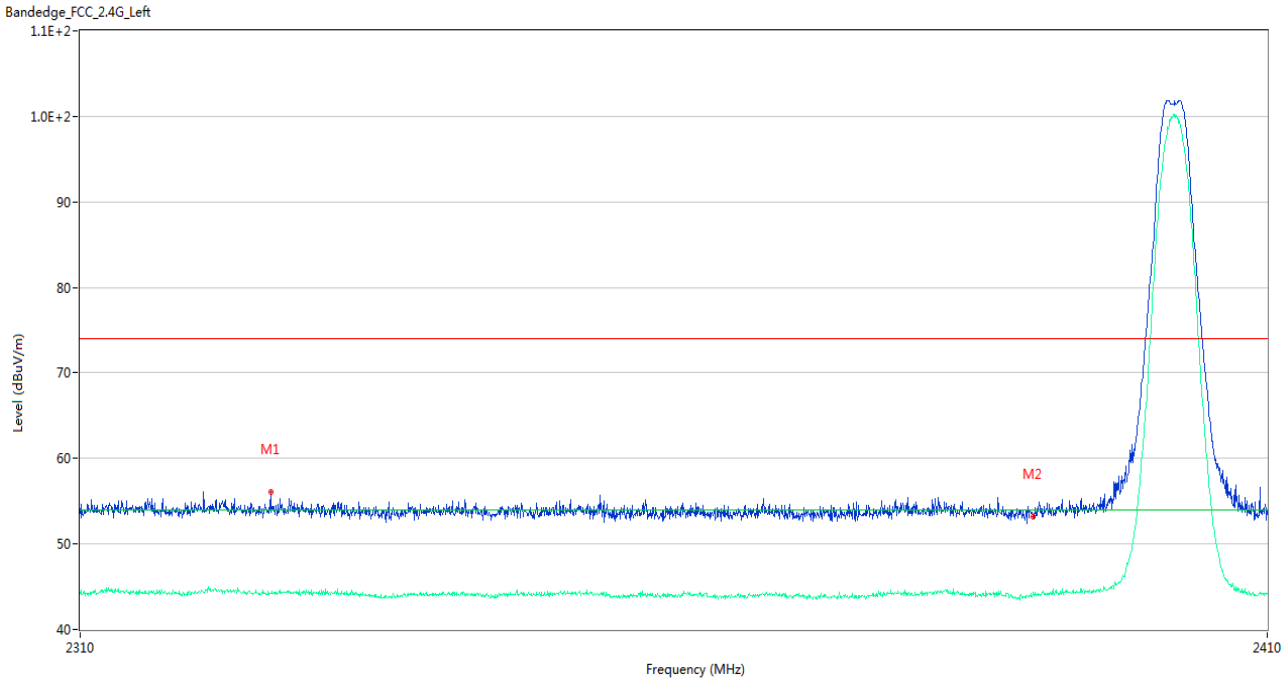
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2349.350	56.26	-0.25	74.0	17.74	Peak	254.00	200	Vertical	Pass
1**	2349.350	44.11	-0.25	54.0	9.89	AV	254.00	200	Vertical	Pass
2	2389.950	53.94	-0.59	74.0	20.06	Peak	335.00	200	Vertical	Pass
2**	2389.950	43.91	-0.59	54.0	10.09	AV	335.00	200	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



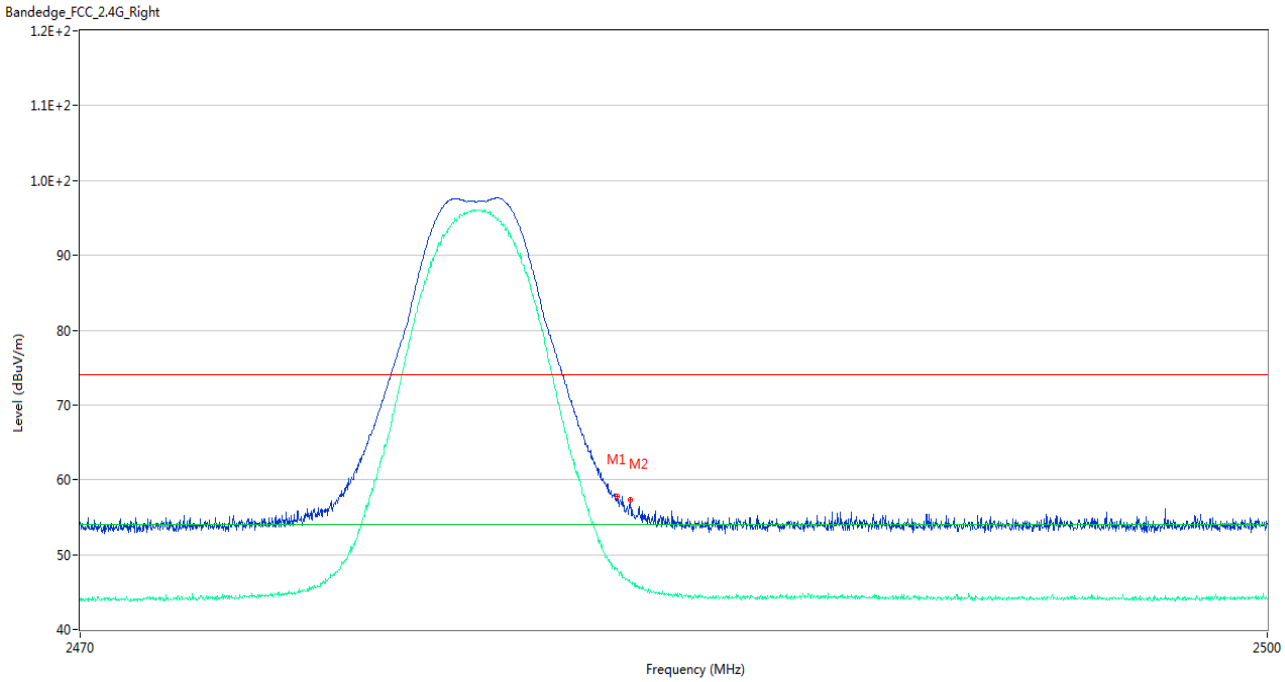
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	61.73	-0.20	74.0	12.27	Peak	268.00	100	Vertical	Pass
1**	2483.545	45.80	-0.20	54.0	8.20	AV	268.00	100	Vertical	Pass
2	2484.010	61.34	-0.17	74.0	12.66	Peak	230.00	100	Vertical	Pass
2**	2484.010	45.45	-0.17	54.0	8.55	AV	230.00	100	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2325.750	56.06	-0.31	74.0	17.94	Peak	267.00	200	Vertical	Pass
1**	2325.750	44.19	-0.31	54.0	9.81	AV	267.00	200	Vertical	Pass
2	2389.950	53.14	-0.59	74.0	20.86	Peak	325.00	150	Vertical	Pass
2**	2389.950	44.30	-0.59	54.0	9.70	AV	325.00	150	Vertical	Pass

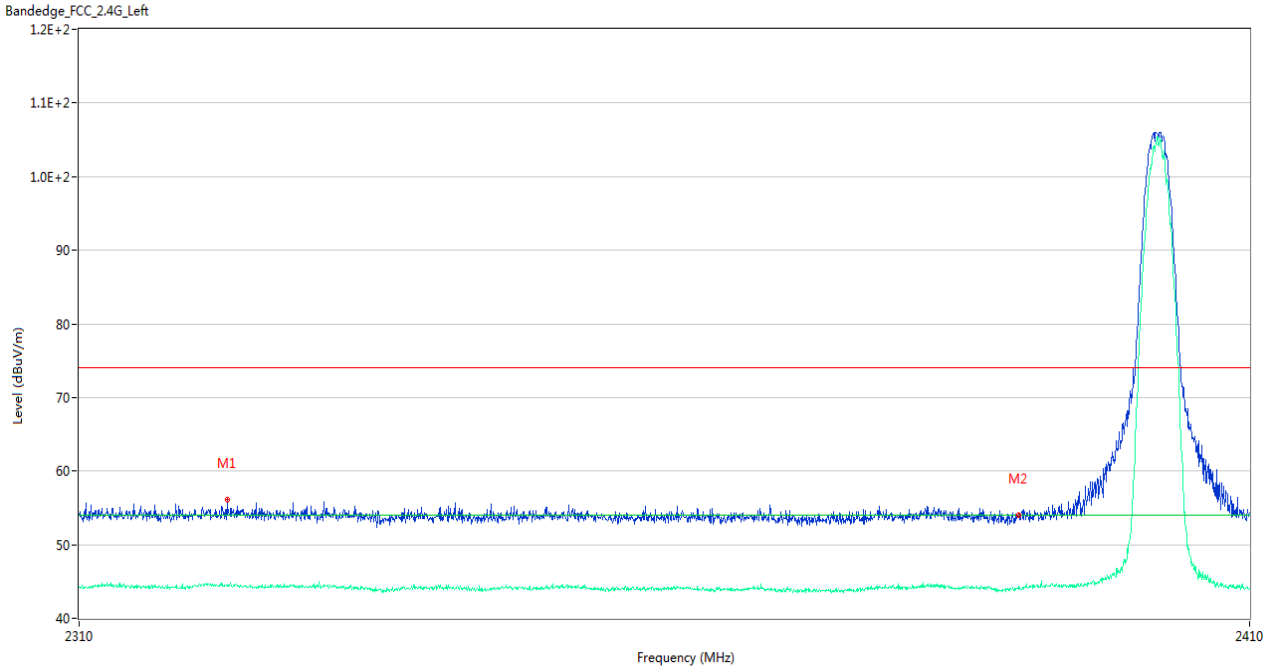
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	57.75	-0.05	74.0	16.25	Peak	17.00	150	Horizontal	Pass
1**	2483.515	48.09	-0.05	54.0	5.91	AV	17.00	150	Horizontal	Pass
2	2483.860	57.29	-0.09	74.0	16.71	Peak	0.00	200	Horizontal	Pass
2**	2483.860	46.29	-0.09	54.0	7.71	AV	0.00	200	Horizontal	Pass

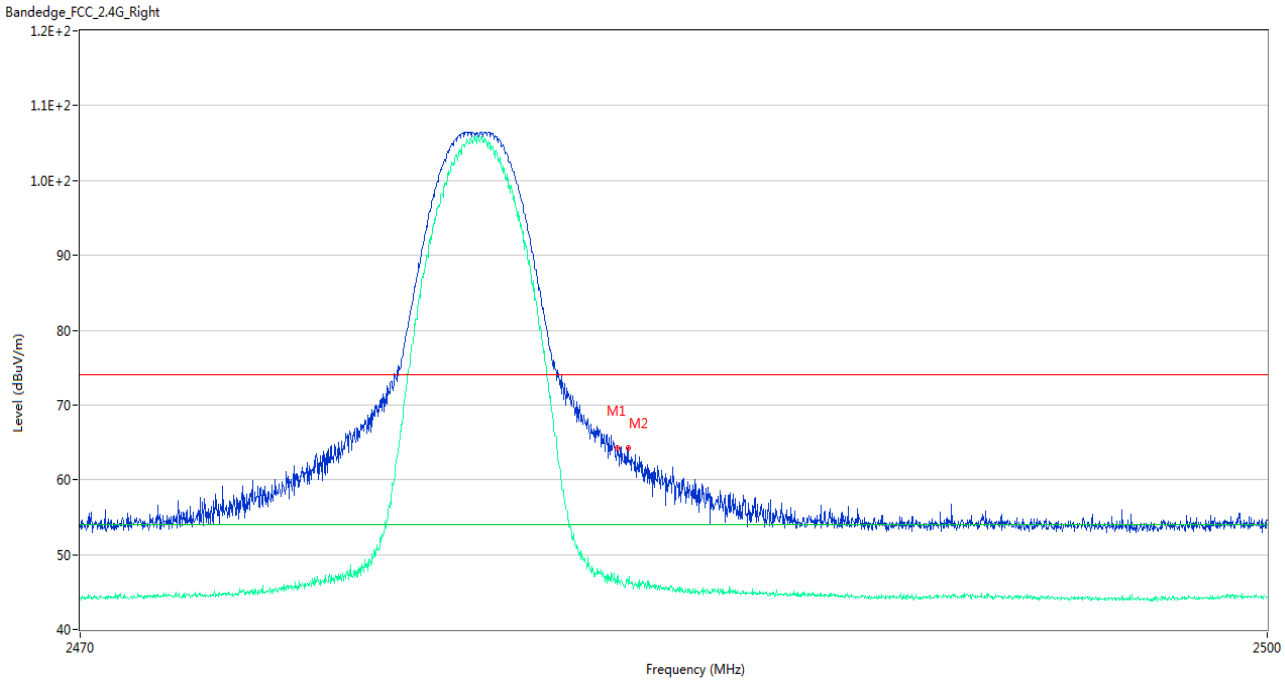
Metal Antenna

GFSK (BLE 1Mbps) LOW CHANNEL



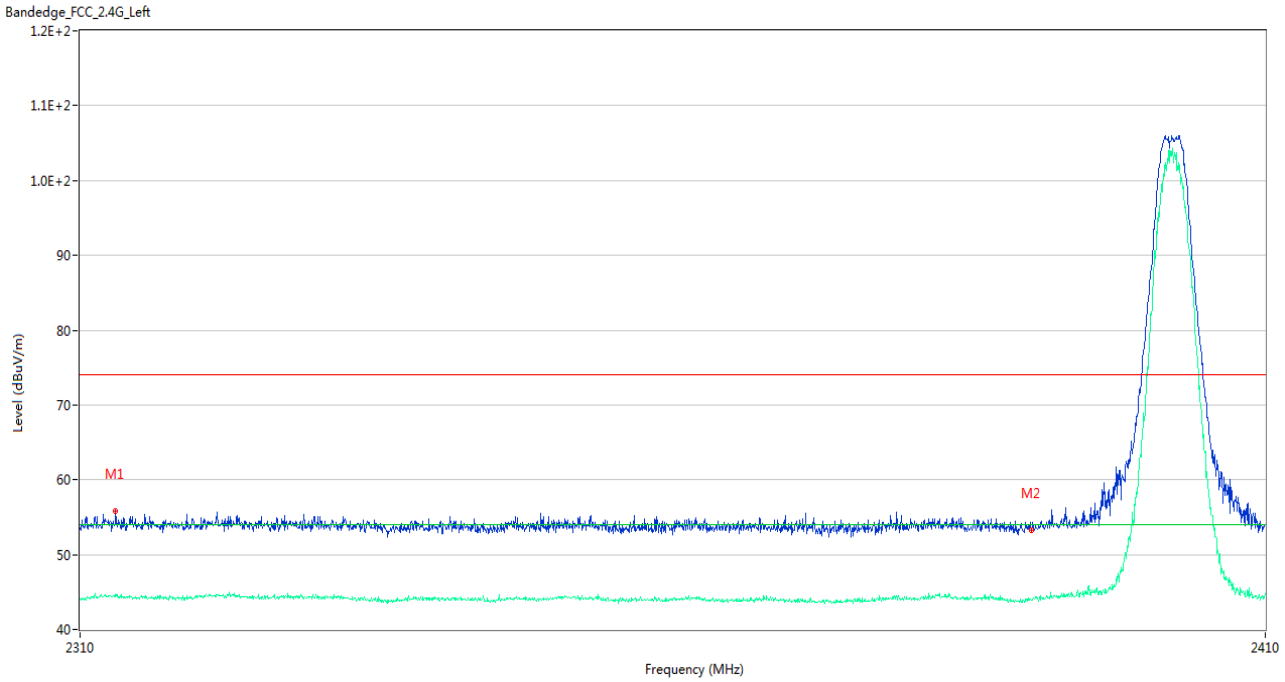
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2322.400	56.07	-0.11	74.0	17.93	Peak	35.00	100	Horizontal	Pass
1**	2322.400	44.38	-0.11	54.0	9.62	AV	35.00	100	Horizontal	Pass
2	2389.950	54.02	-0.59	74.0	19.98	Peak	209.00	150	Horizontal	Pass
2**	2389.950	44.42	-0.59	54.0	9.58	AV	209.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



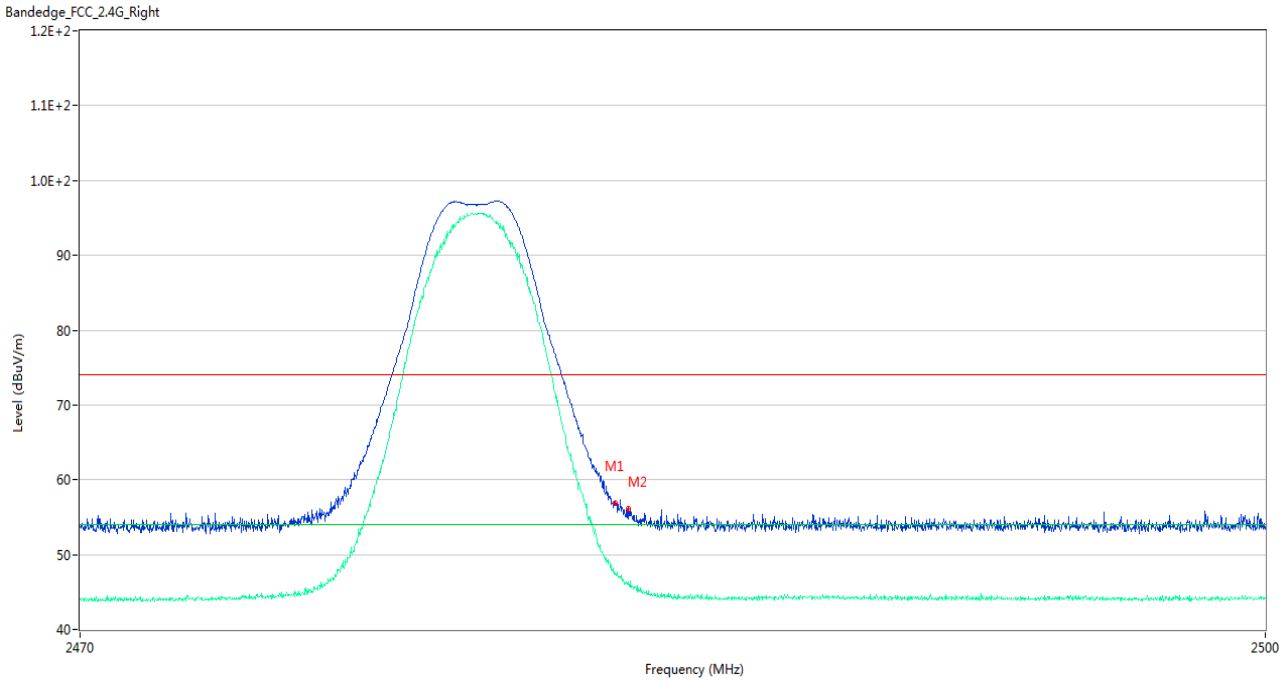
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	64.28	-0.20	74.0	9.72	Peak	150.00	150	Horizontal	Pass
1**	2483.530	46.94	-0.20	54.0	7.06	AV	150.00	150	Horizontal	Pass
2	2483.800	64.32	-0.19	74.0	9.68	Peak	150.00	150	Horizontal	Pass
2**	2483.800	46.04	-0.19	54.0	7.96	AV	150.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2312.950	55.81	-0.28	74.0	18.19	Peak	170.00	100	Horizontal	Pass
1**	2312.950	44.43	-0.28	54.0	9.57	AV	170.00	100	Horizontal	Pass
2	2389.950	53.25	-0.59	74.0	20.75	Peak	204.00	150	Horizontal	Pass
2**	2389.950	43.85	-0.59	54.0	10.15	AV	204.00	150	Horizontal	Pass

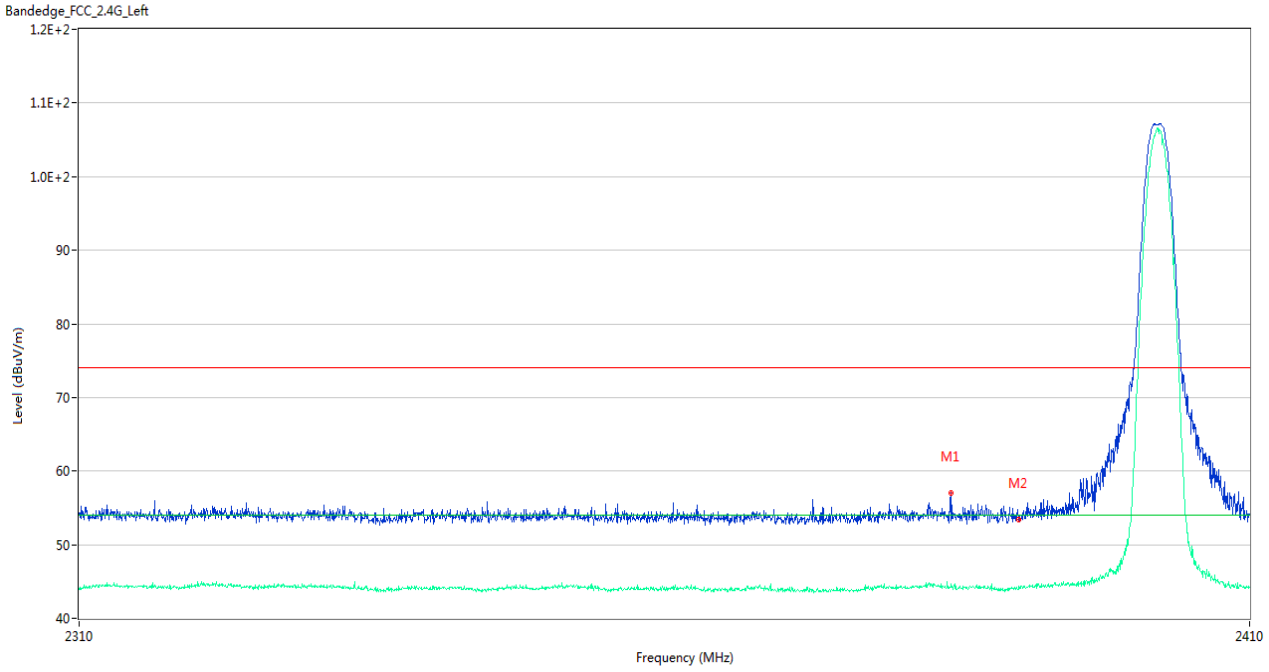
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.87	-0.05	74.0	17.13	Peak	243.00	100	Horizontal	Pass
1**	2483.500	47.47	-0.05	54.0	6.53	AV	243.00	100	Horizontal	Pass
2	2483.830	56.11	-0.08	74.0	17.89	Peak	243.00	100	Horizontal	Pass
2**	2483.830	46.27	-0.08	54.0	7.73	AV	243.00	100	Horizontal	Pass

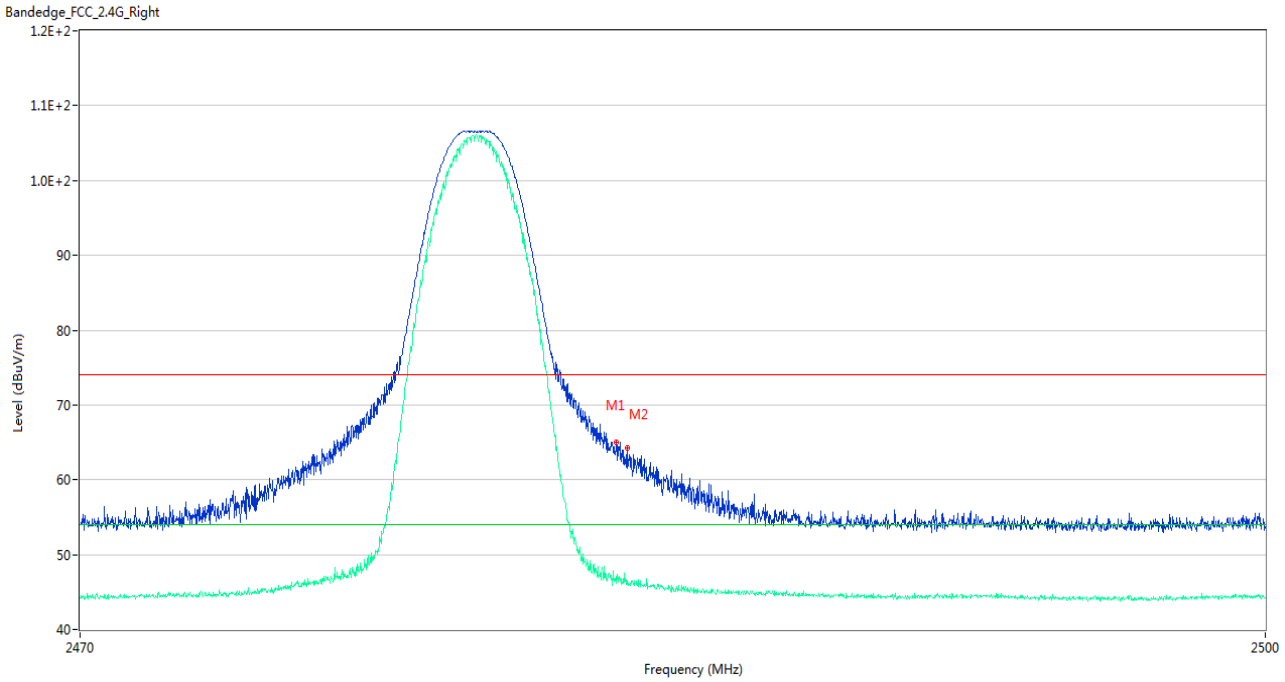
PCB Antenna

GFSK (BLE 1Mbps) LOW CHANNEL



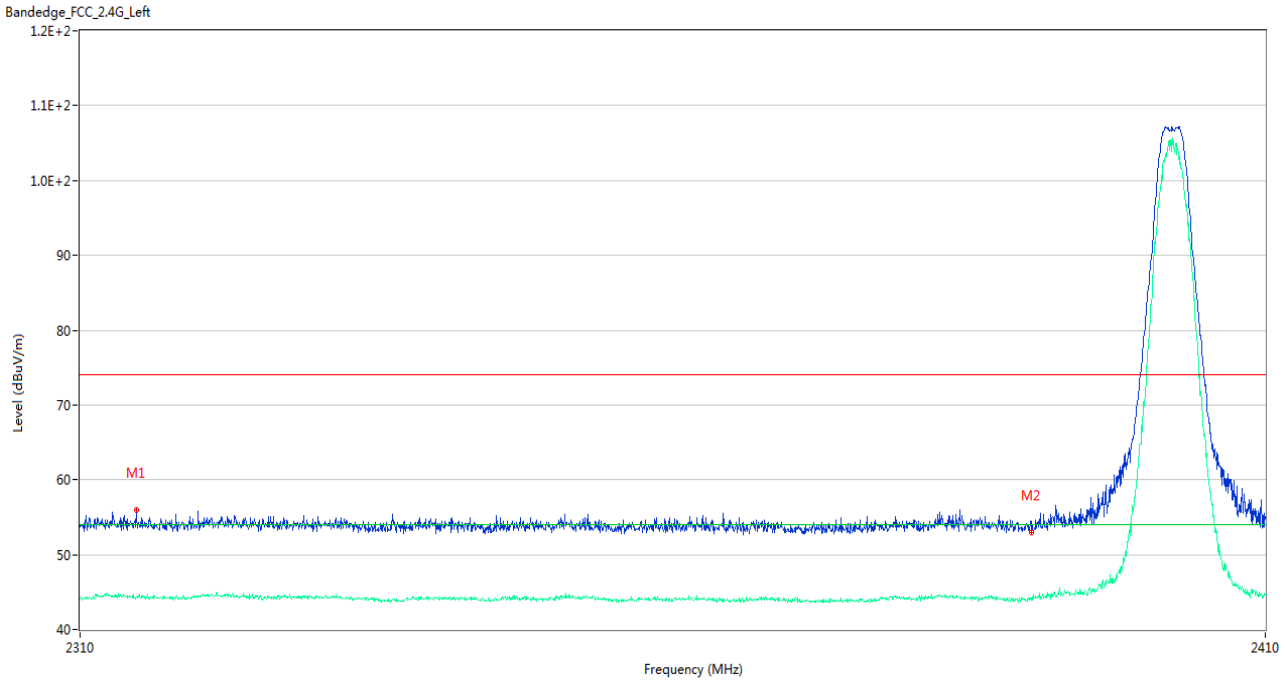
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.050	57.03	-0.51	74.0	16.97	Peak	167.00	100	Horizontal	Pass
1**	2384.050	44.21	-0.51	54.0	9.79	AV	167.00	100	Horizontal	Pass
2	2389.950	53.39	-0.59	74.0	20.61	Peak	197.00	150	Horizontal	Pass
2**	2389.950	44.36	-0.59	54.0	9.64	AV	197.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



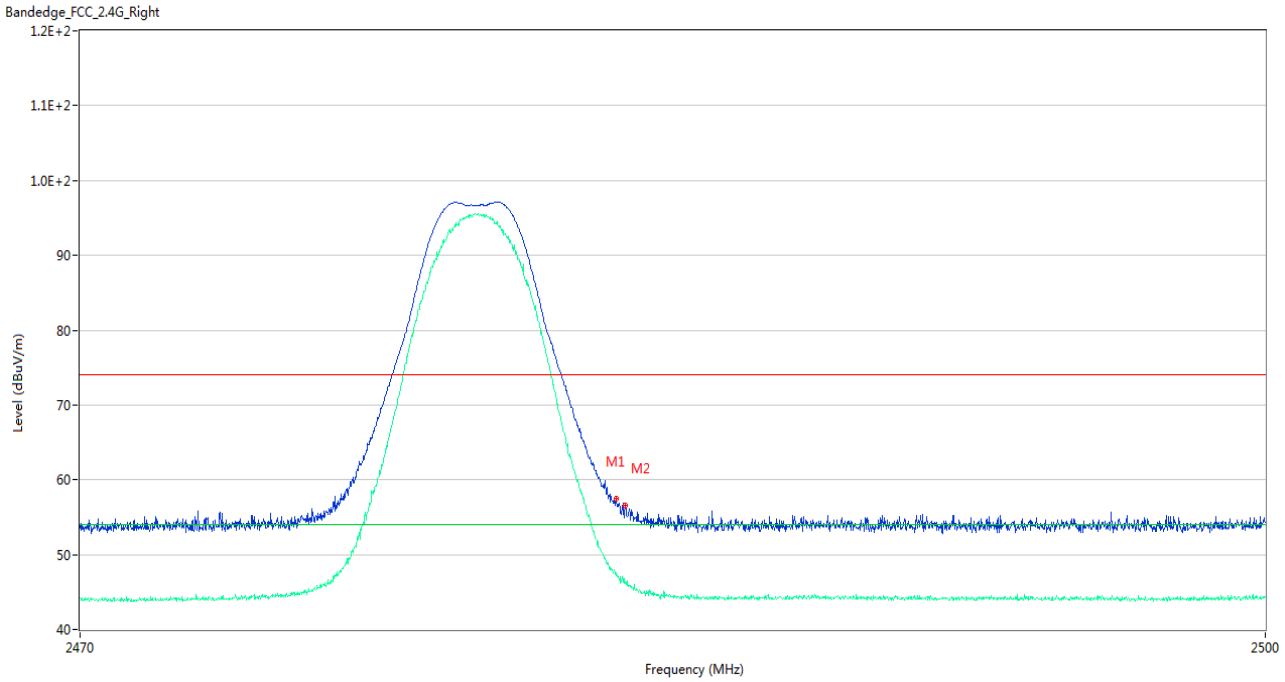
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	65.02	-0.20	74.0	8.98	Peak	165.00	100	Horizontal	Pass
1**	2483.530	46.76	-0.20	54.0	7.24	AV	165.00	100	Horizontal	Pass
2	2483.800	64.20	-0.19	74.0	9.80	Peak	165.00	200	Horizontal	Pass
2**	2483.800	46.05	-0.19	54.0	7.95	AV	165.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2314.650	55.95	-0.38	74.0	18.05	Peak	329.00	200	Horizontal	Pass
1**	2314.650	44.34	-0.38	54.0	9.66	AV	329.00	200	Horizontal	Pass
2	2389.950	53.00	-0.59	74.0	21.00	Peak	295.00	200	Horizontal	Pass
2**	2389.950	44.26	-0.59	54.0	9.74	AV	295.00	200	Horizontal	Pass

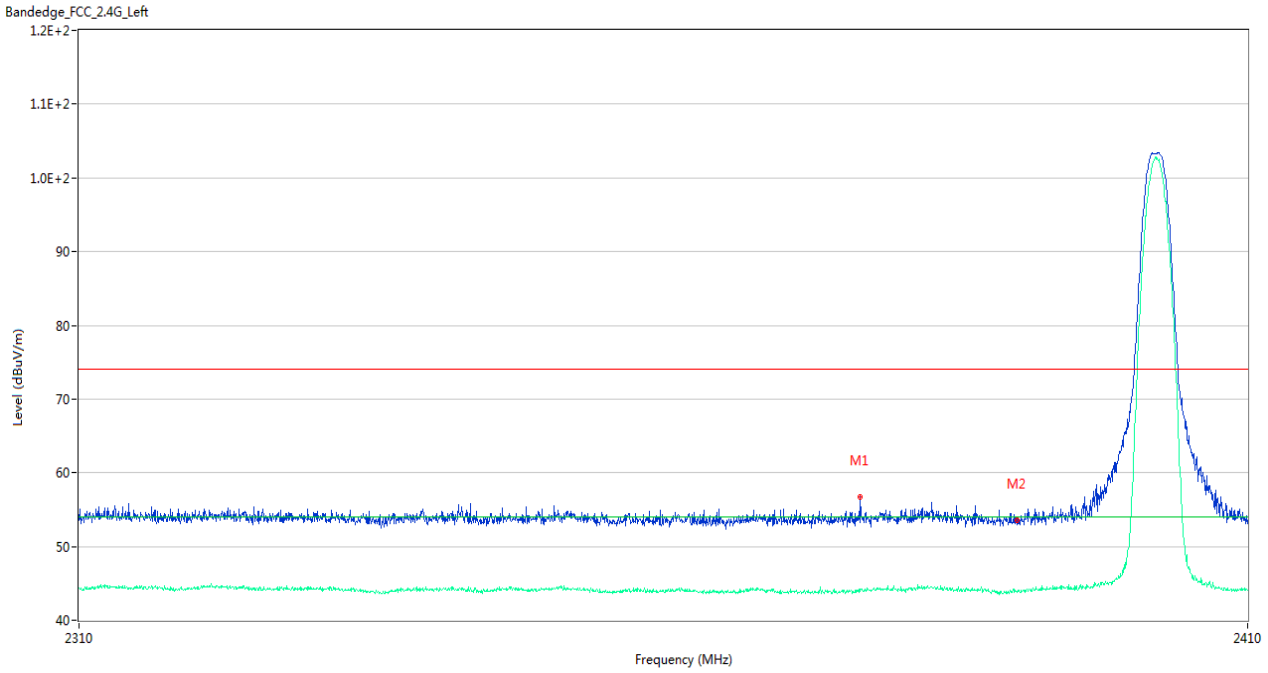
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	57.43	-0.05	74.0	16.57	Peak	247.00	100	Horizontal	Pass
1**	2483.515	47.24	-0.05	54.0	6.76	AV	247.00	100	Horizontal	Pass
2	2483.755	56.59	-0.08	74.0	17.41	Peak	332.00	100	Horizontal	Pass
2**	2483.755	46.12	-0.08	54.0	7.88	AV	332.00	100	Horizontal	Pass

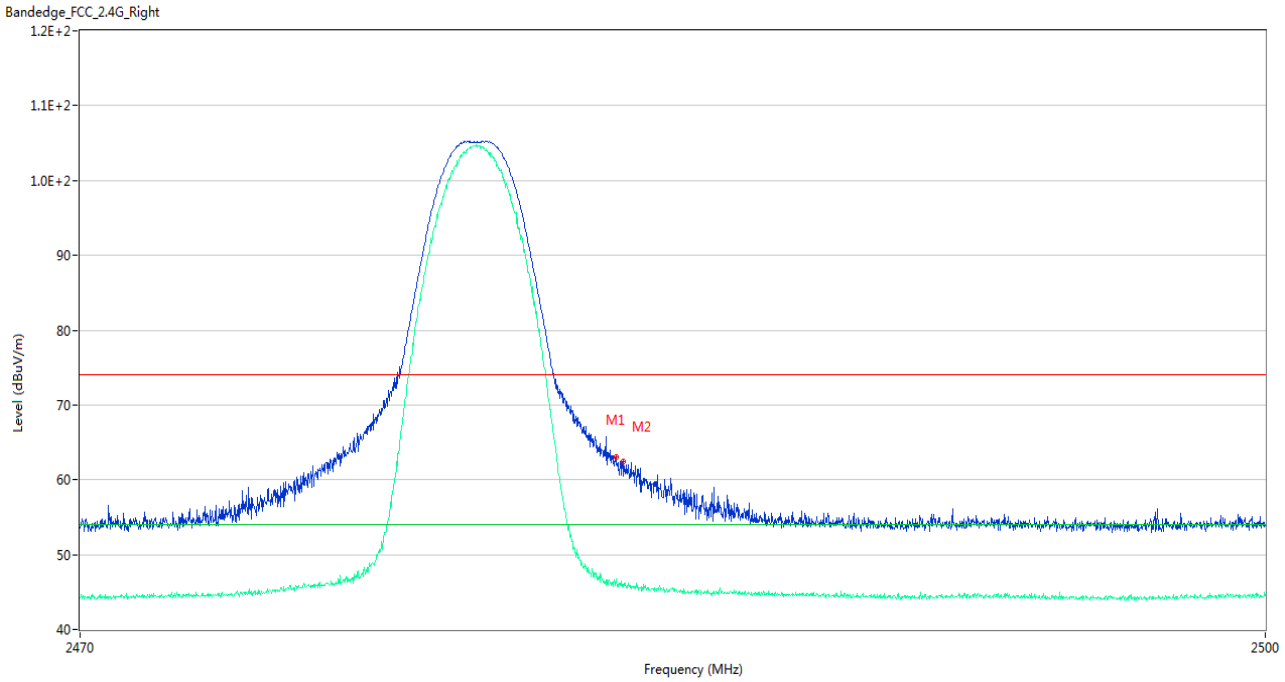
Dipole Antenna 1

GFSK (BLE 1Mbps) LOW CHANNEL



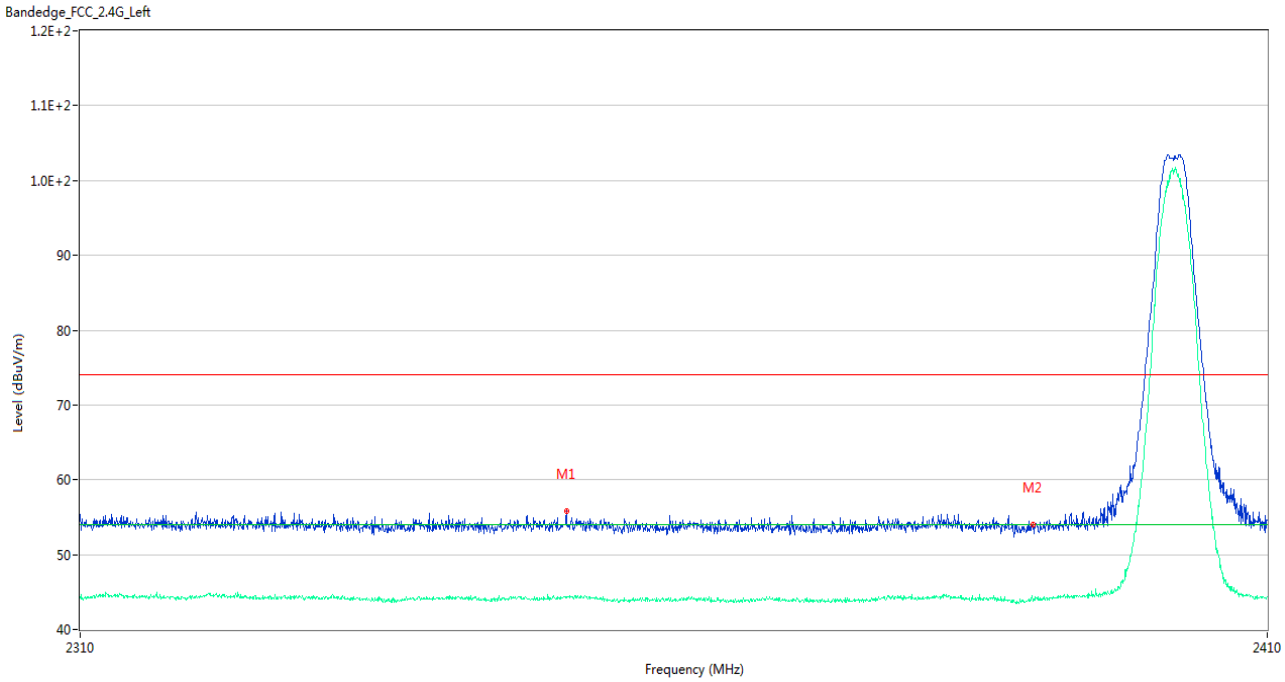
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2376.400	56.76	-0.69	74.0	17.24	Peak	236.00	150	Horizontal	Pass
1**	2376.400	44.20	-0.69	54.0	9.80	AV	236.00	150	Horizontal	Pass
2	2389.950	53.59	-0.59	74.0	20.41	Peak	324.00	100	Horizontal	Pass
2**	2389.950	43.73	-0.59	54.0	10.27	AV	324.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



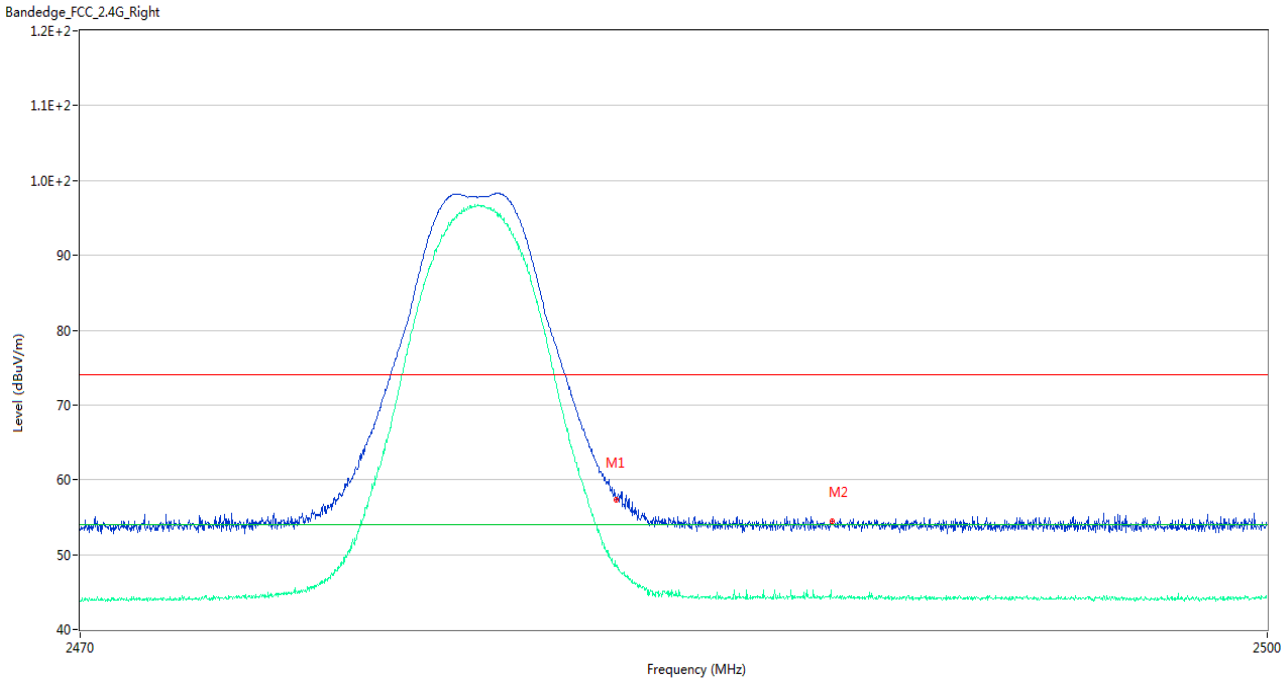
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	63.09	-0.20	74.0	10.91	Peak	318.00	150	Horizontal	Pass
1**	2483.515	46.83	-0.20	54.0	7.17	AV	318.00	150	Horizontal	Pass
2	2483.710	62.42	-0.19	74.0	11.58	Peak	168.00	100	Horizontal	Pass
2**	2483.710	45.94	-0.19	54.0	8.06	AV	168.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2350.450	55.77	-0.10	74.0	18.23	Peak	153.00	100	Horizontal	Pass
1**	2350.450	44.27	-0.10	54.0	9.73	AV	153.00	100	Horizontal	Pass
2	2389.950	54.03	-0.59	74.0	19.97	Peak	0.00	200	Horizontal	Pass
2**	2389.950	44.13	-0.59	54.0	9.87	AV	0.00	200	Horizontal	Pass

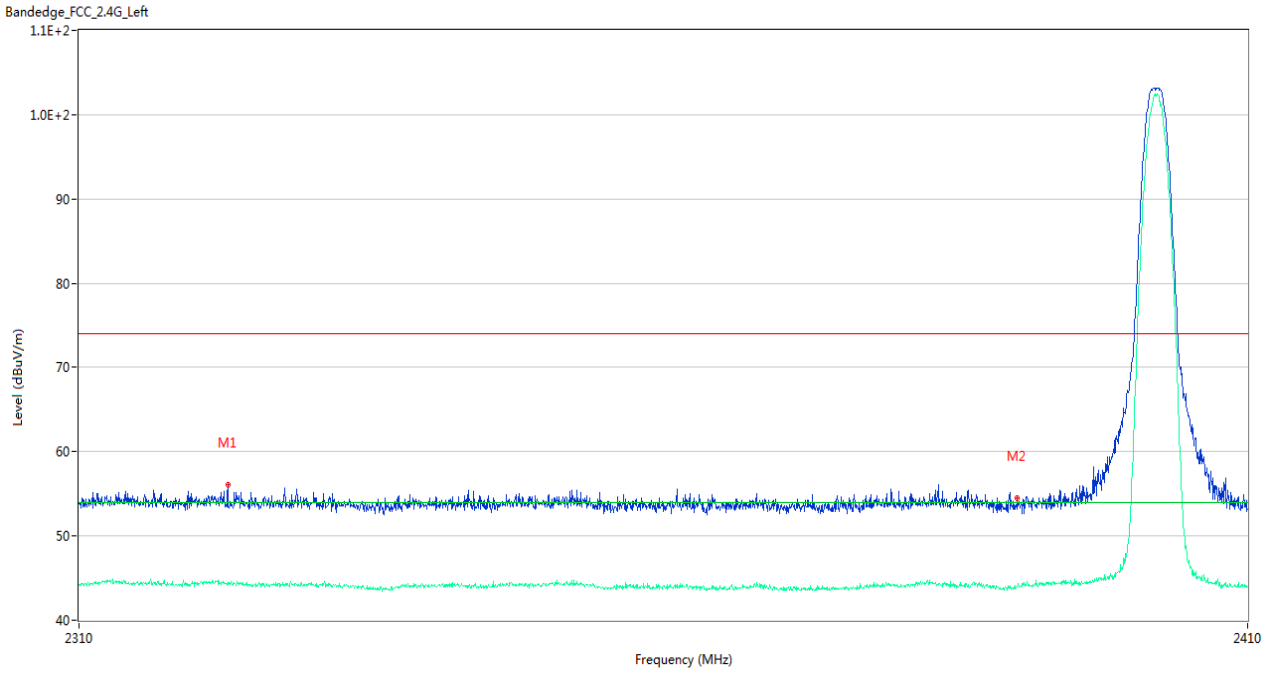
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.39	-0.05	74.0	16.61	Peak	0.00	150	Horizontal	Pass
1**	2483.500	48.52	-0.05	54.0	5.48	AV	0.00	150	Horizontal	Pass
2	2488.975	54.44	-0.09	74.0	19.56	Peak	308.00	150	Horizontal	Pass
2**	2488.975	44.16	-0.09	54.0	9.84	AV	308.00	150	Horizontal	Pass

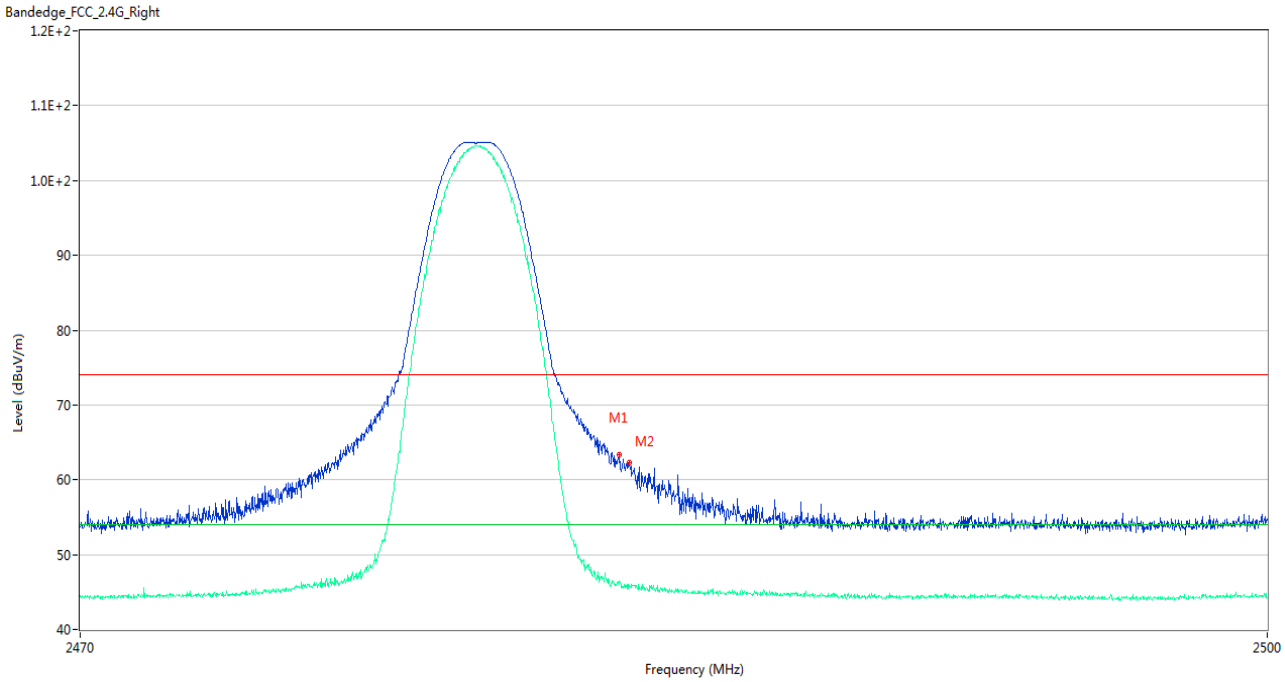
Dipole Antenna 2

GFSK (BLE 1Mbps) LOW CHANNEL



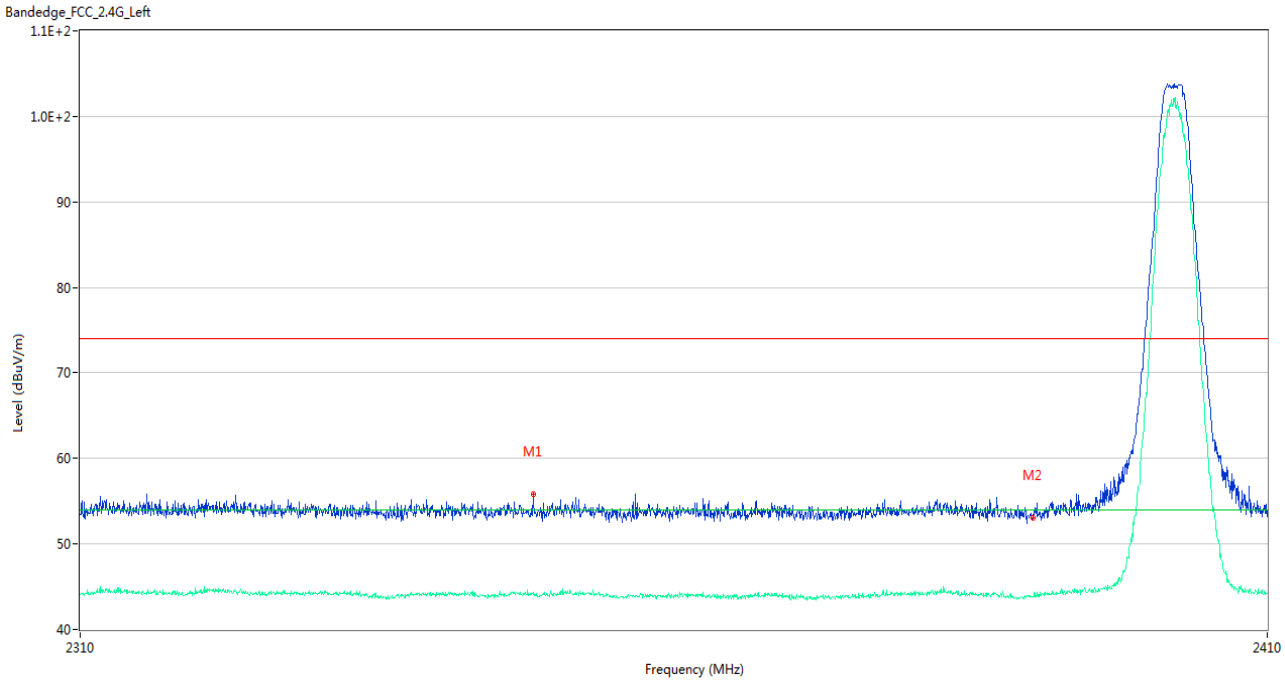
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2322.500	56.07	-0.11	74.0	17.93	Peak	98.00	150	Horizontal	Pass
1**	2322.500	44.25	-0.11	54.0	9.75	AV	98.00	150	Horizontal	Pass
2	2389.950	54.49	-0.59	74.0	19.51	Peak	259.00	200	Horizontal	Pass
2**	2389.950	43.95	-0.59	54.0	10.05	AV	259.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



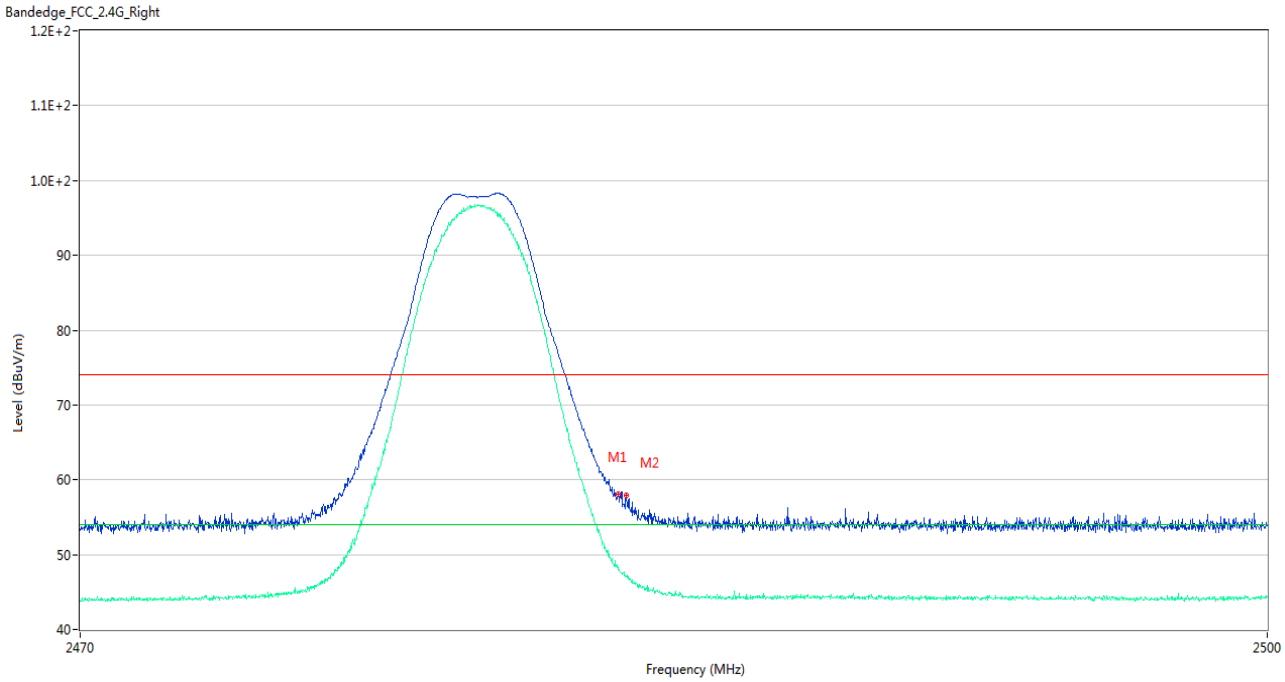
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	63.39	-0.20	74.0	10.61	Peak	327.00	150	Horizontal	Pass
1**	2483.590	46.34	-0.20	54.0	7.66	AV	327.00	150	Horizontal	Pass
2	2483.845	62.29	-0.18	74.0	11.71	Peak	325.00	200	Horizontal	Pass
2**	2483.845	45.81	-0.18	54.0	8.19	AV	325.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2347.650	55.82	-0.32	74.0	18.18	Peak	230.00	200	Horizontal	Pass
1**	2347.650	44.38	-0.32	54.0	9.62	AV	230.00	200	Horizontal	Pass
2	2389.950	53.07	-0.59	74.0	20.93	Peak	179.00	200	Horizontal	Pass
2**	2389.950	43.88	-0.59	54.0	10.12	AV	179.00	200	Horizontal	Pass

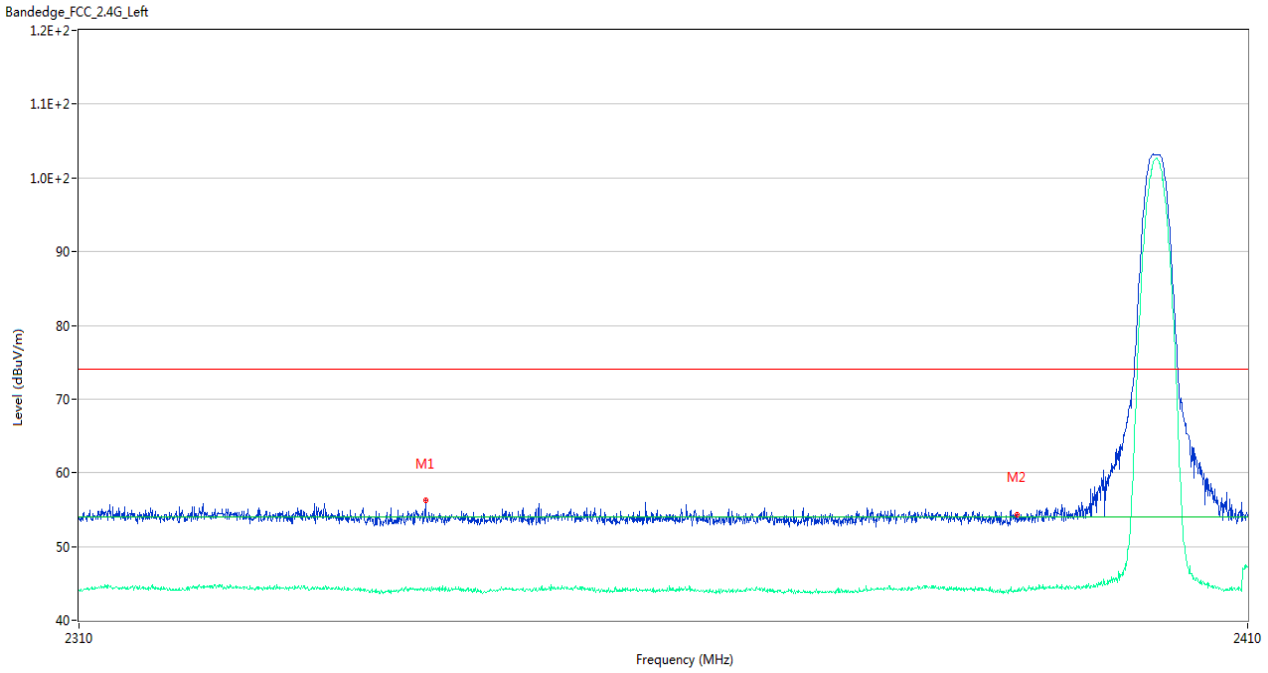
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	58.12	-0.06	74.0	15.88	Peak	21.00	100	Horizontal	Pass
1**	2483.545	48.09	-0.06	54.0	5.91	AV	21.00	100	Horizontal	Pass
2	2483.755	57.91	-0.08	74.0	16.09	Peak	0.00	200	Horizontal	Pass
2**	2483.755	47.03	-0.08	54.0	6.97	AV	0.00	200	Horizontal	Pass

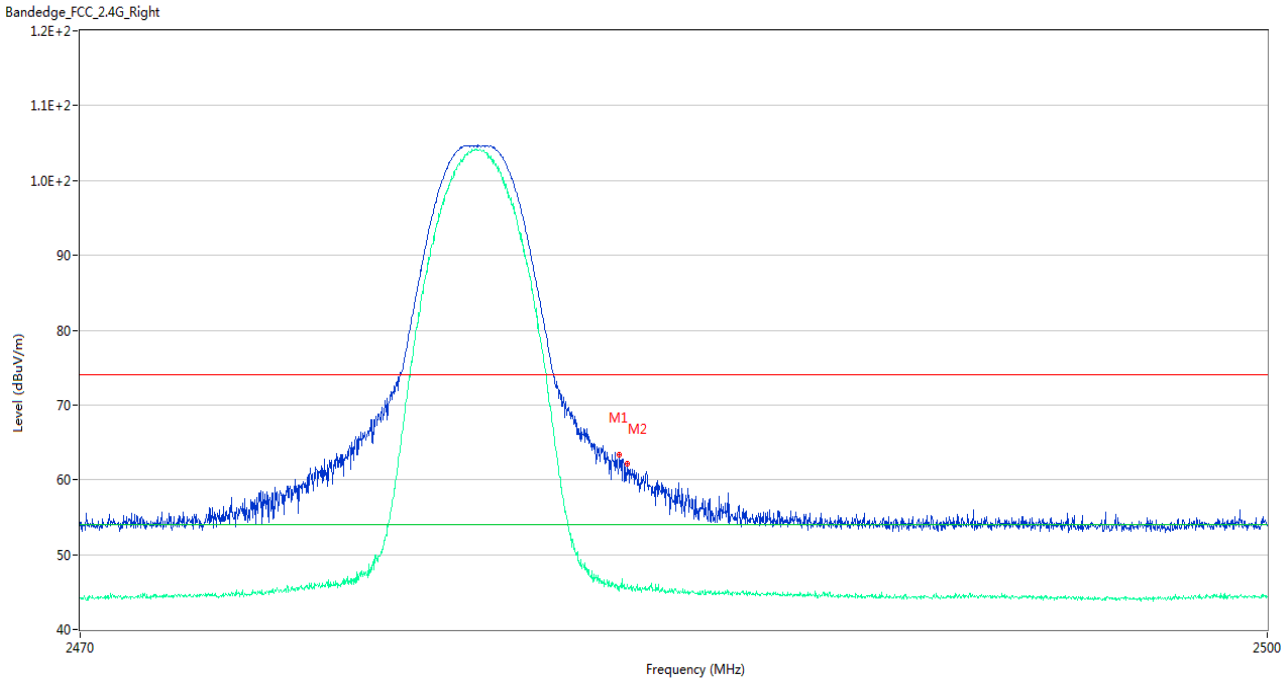
Dipole Antenna 3

GFSK (BLE 1Mbps) LOW CHANNEL



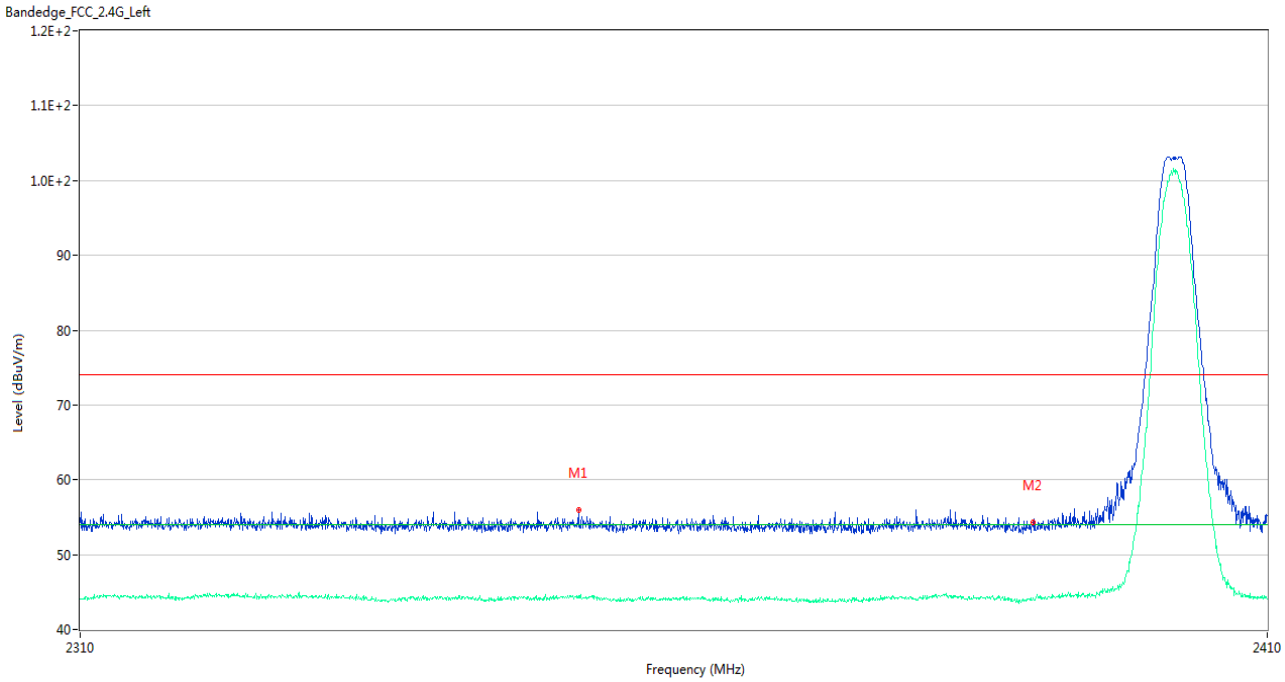
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2339.200	56.23	-0.37	74.0	17.77	Peak	360.00	200	Horizontal	Pass
1**	2339.200	44.06	-0.37	54.0	9.94	AV	360.00	200	Horizontal	Pass
2	2389.950	54.37	-0.59	74.0	19.63	Peak	15.00	100	Horizontal	Pass
2**	2389.950	44.08	-0.59	54.0	9.92	AV	15.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



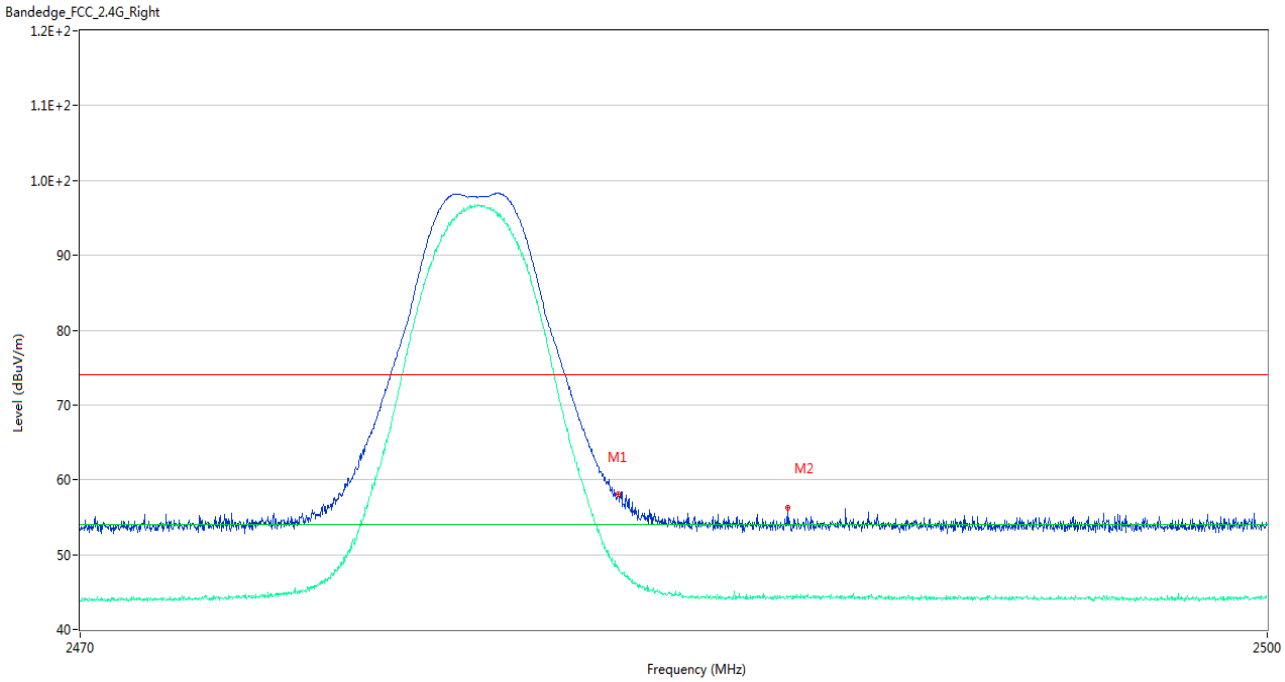
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	63.29	-0.20	74.0	10.71	Peak	248.00	100	Horizontal	Pass
1**	2483.590	45.80	-0.20	54.0	8.20	AV	248.00	100	Horizontal	Pass
2	2483.770	62.09	-0.19	74.0	11.91	Peak	252.00	200	Horizontal	Pass
2**	2483.770	45.88	-0.19	54.0	8.12	AV	252.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2351.450	55.99	-0.14	74.0	18.01	Peak	55.00	200	Horizontal	Pass
1**	2351.450	44.59	-0.14	54.0	9.41	AV	55.00	200	Horizontal	Pass
2	2389.950	54.26	-0.59	74.0	19.74	Peak	282.00	150	Horizontal	Pass
2**	2389.950	44.25	-0.59	54.0	9.75	AV	282.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	58.12	-0.06	74.0	15.88	Peak	21.00	150	Horizontal	Pass
1**	2483.545	48.36	-0.06	54.0	5.64	AV	21.00	150	Horizontal	Pass
2	2487.850	56.34	-0.12	74.0	17.66	Peak	360.00	150	Horizontal	Pass
2**	2487.850	44.13	-0.12	54.0	9.87	AV	360.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-11.87	8	Pass
Middle Channel	-11.41	8	Pass
High Channel	-11.74	8	Pass

GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-15.37	8	Pass
Middle Channel	-15.47	8	Pass
High Channel	-14.57	8	Pass

Test Plots

GFSK (BLE 1Mbps) LOW CHANNEL

GFSK (BLE 1Mbps) MIDDLE CHANNEL

GFSK (BLE 1Mbps) HIGH CHANNEL

GFSK (BLE 2Mbps) LOW CHANNEL

GFSK (BLE 2Mbps) MIDDLE CHANNEL

GFSK (BLE 2Mbps) HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2310035-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2310035-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2310035-AI.PDF”.

Statement

1. The laboratory 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. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--