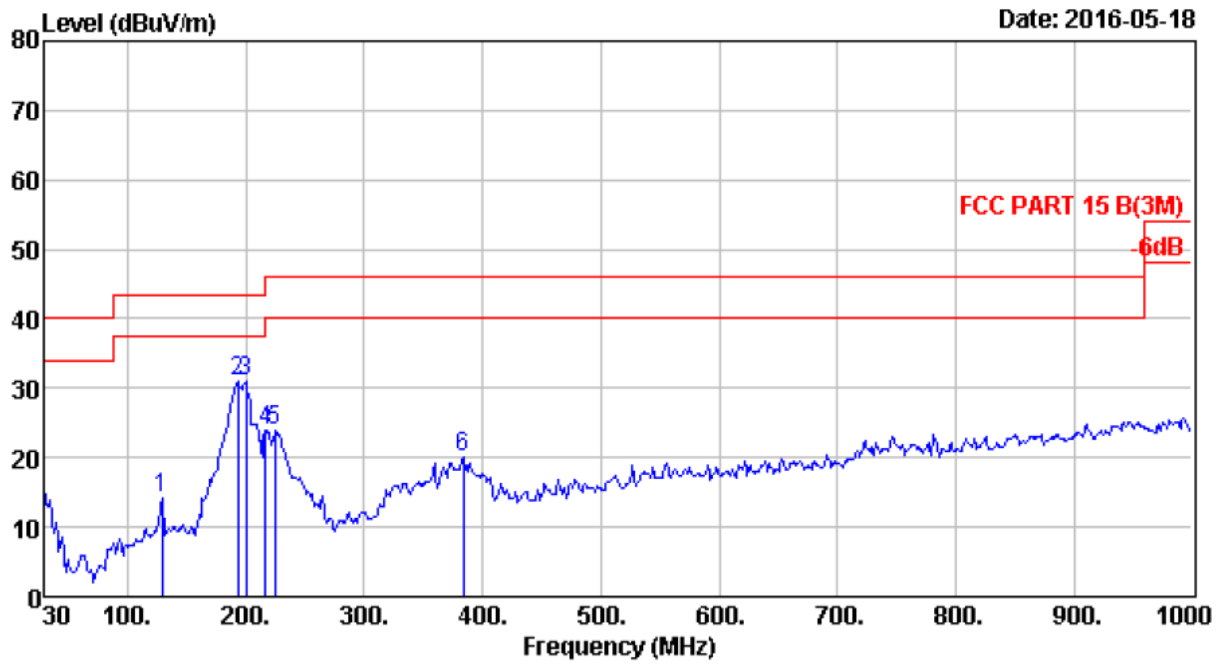


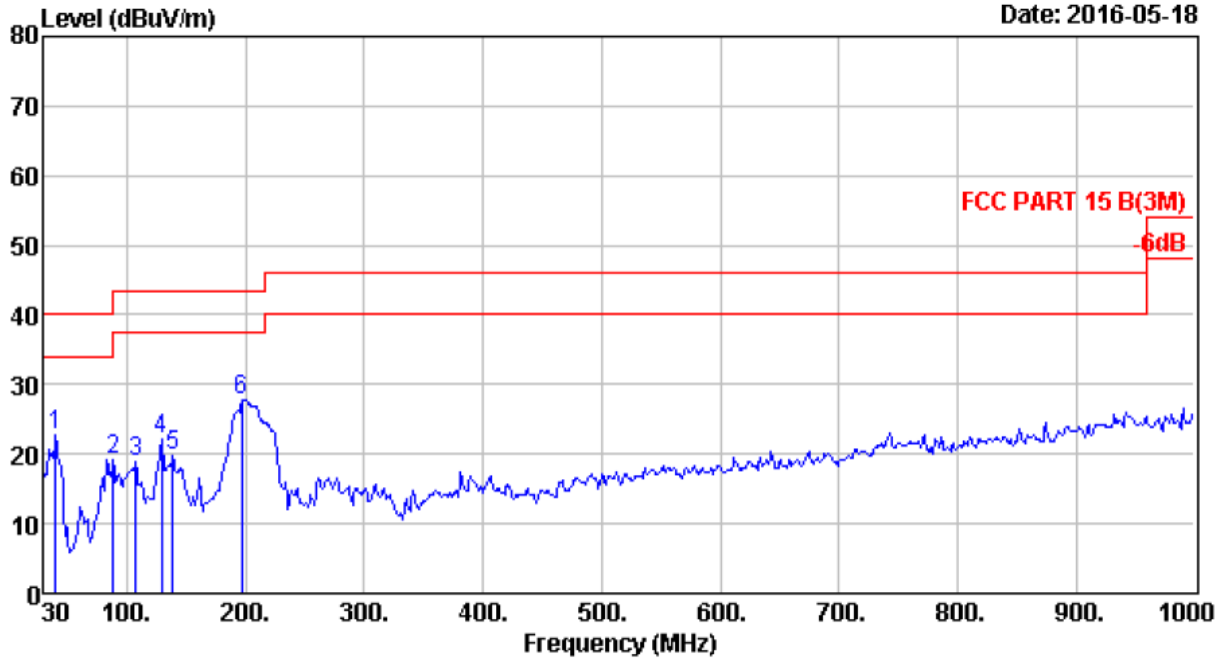
Site no. : 966 1# chamber Data no. : 202  
 Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2402MHz  
 Adapter 2

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.34	11.00	1.69	2.25	14.94	43.50	28.56	QP
2	192.96	7.85	1.77	18.51	28.13	43.50	15.37	QP
3	196.84	7.72	1.81	20.01	29.54	43.50	13.96	QP
4	203.63	7.87	1.92	14.55	24.34	43.50	19.16	QP
5	222.06	9.31	2.01	16.18	27.50	46.00	18.50	QP
6	316.15	13.42	2.41	3.76	19.59	46.00	26.41	QP



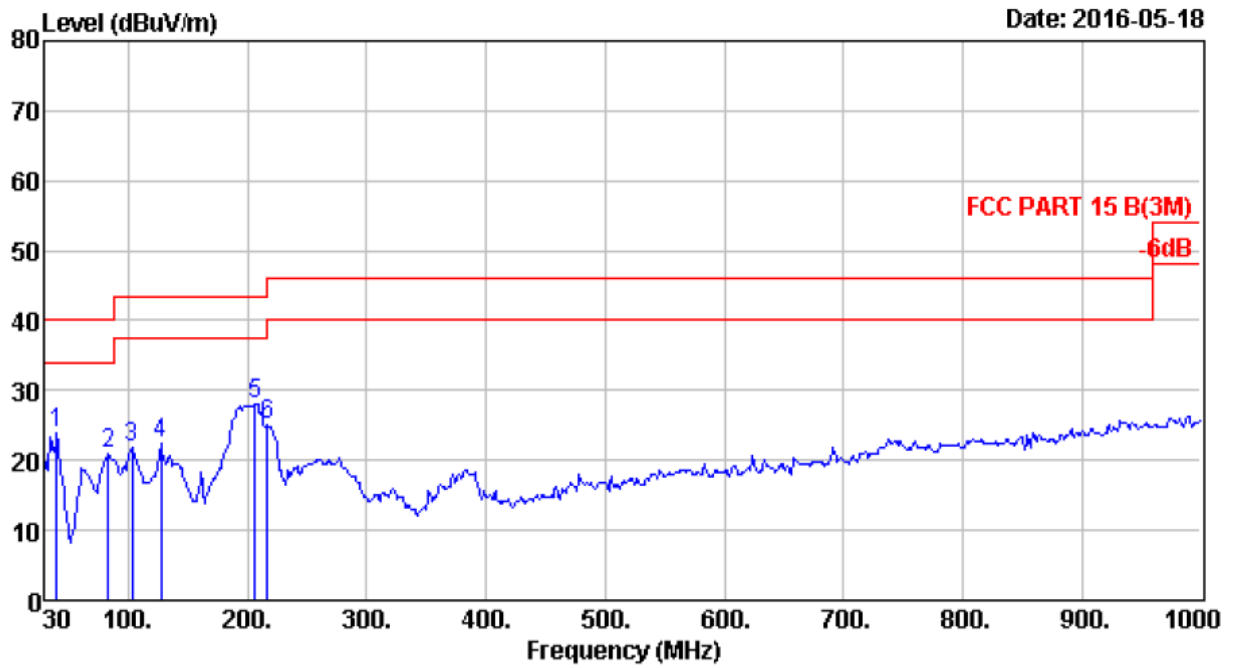
Site no. : 966 1# chamber                      Data no. : 203  
 Dis. / Ant. : 3m 27137                      Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz  
                  Adapter 2

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	128.94	11.33	1.47	1.46	14.26	43.50	29.24	QP
2	192.96	7.85	1.77	21.48	31.10	43.50	12.40	QP
3	199.75	7.71	1.77	21.57	31.05	43.50	12.45	QP
4	216.24	8.80	1.95	13.19	23.94	46.00	22.06	QP
5	224.00	9.42	2.01	12.49	23.92	46.00	22.08	QP
6	384.05	15.24	2.64	2.31	20.19	46.00	25.81	QP



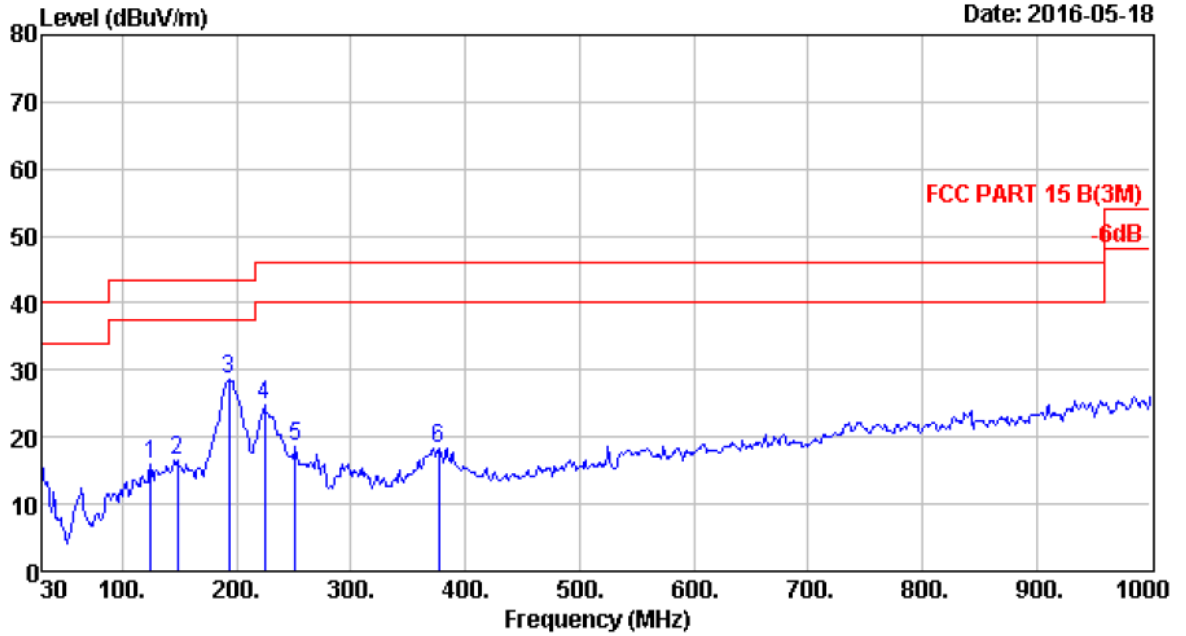
Site no. : 966 1# chamber Data no. : 204  
 Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz  
 Adapter 2

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.70	12.90	0.81	9.15	22.86	40.00	17.14	QP
2	88.20	8.11	1.31	9.91	19.33	43.50	24.17	QP
3	107.60	10.24	1.39	7.35	18.98	43.50	24.52	QP
4	128.94	11.33	1.47	9.22	22.02	43.50	21.48	QP
5	138.64	11.42	1.54	6.82	19.78	43.50	23.72	QP
6	196.84	7.72	1.81	18.34	27.87	43.50	15.63	QP



Site no. : 966 1# chamber                      Data no. : 205  
 Dis. / Ant. : 3m 27137                              Ant. pol. : VERTICAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz  
               Adapter 2

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	39.70	12.90	0.81	10.12	23.83	40.00	16.17	QP
2	83.35	7.47	1.23	12.19	20.89	40.00	19.11	QP
3	102.75	9.75	1.35	10.84	21.94	43.50	21.56	QP
4	127.00	11.34	1.50	9.60	22.44	43.50	21.06	QP
5	206.54	8.09	1.81	18.07	27.97	43.50	15.53	QP
6	216.24	8.80	1.95	14.30	25.05	46.00	20.95	QP

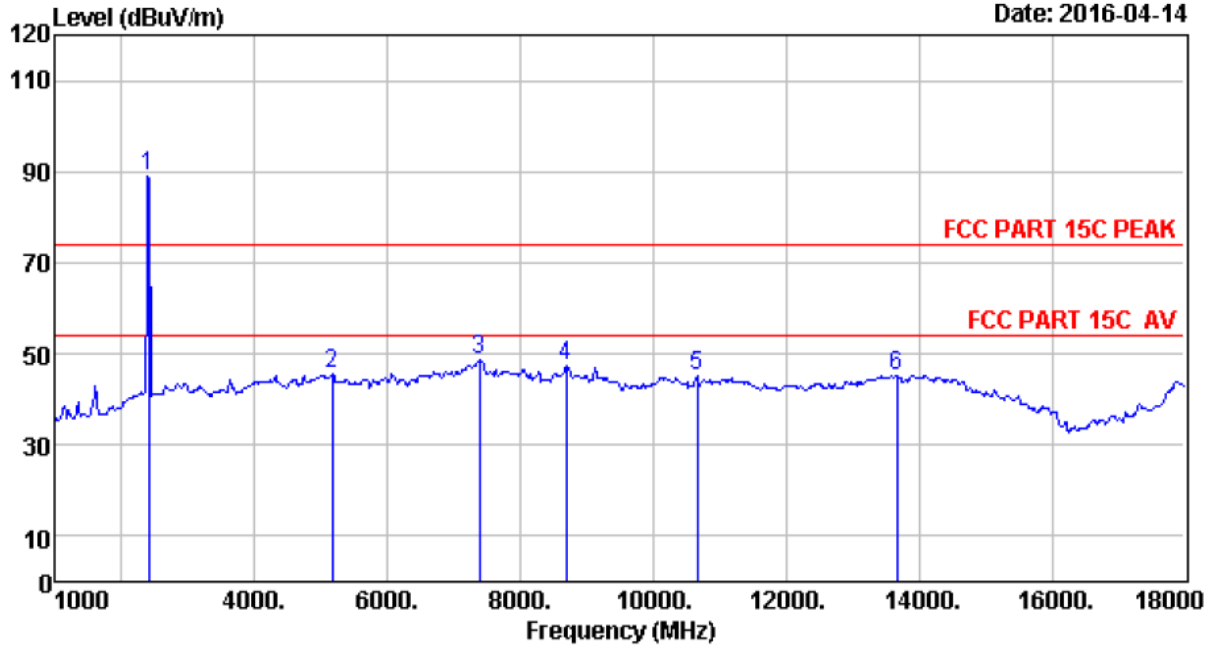


Site no. : 966 1# chamber Data no. : 206  
 Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 B(3M)  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz  
 Adapter 2

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	125.06	11.35	1.52	3.04	15.91	43.50	27.59	QP
2	148.34	11.00	1.69	3.83	16.52	43.50	26.98	QP
3	192.96	7.85	1.77	18.92	28.54	43.50	14.96	QP
4	224.00	9.42	2.01	13.23	24.66	46.00	21.34	QP
5	251.16	11.94	2.15	4.39	18.48	46.00	27.52	QP
6	377.26	14.96	2.62	0.85	18.43	46.00	27.57	QP

1000 MHz – 18000MHz

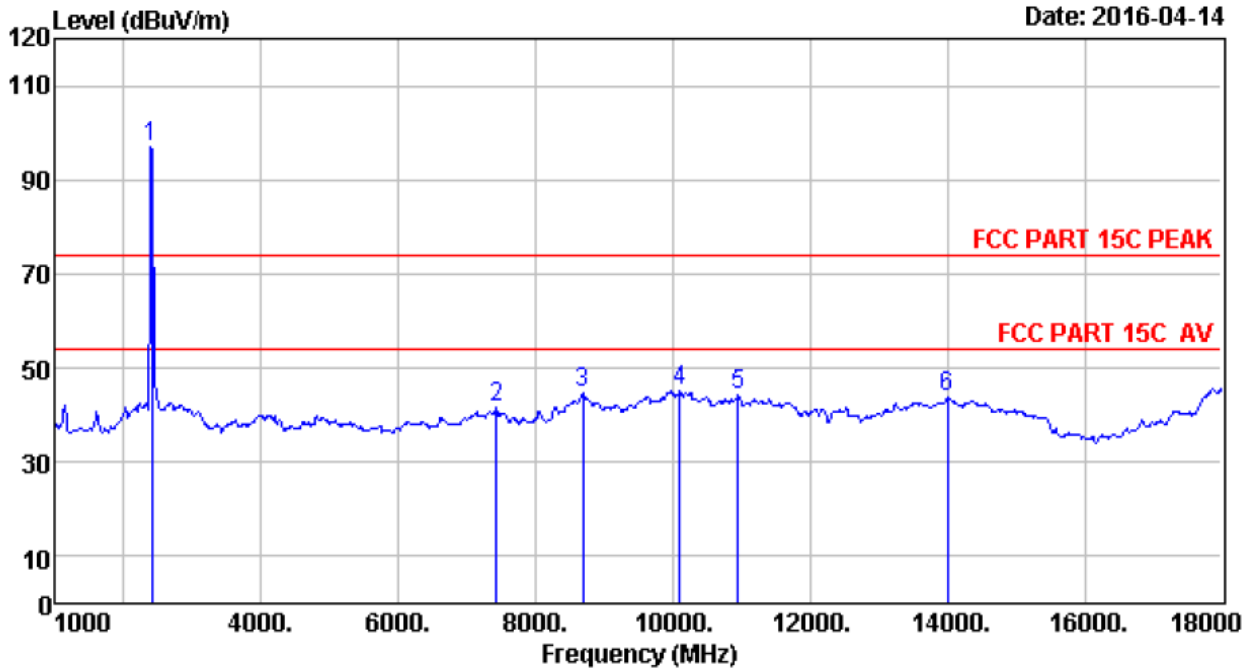
Date: 2016-04-14



Site no. : 966 1# chamber Data no. : 121  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	89.37	88.96	74.00	-14.96	Peak
2	5165.00	31.65	12.39	37.49	45.53	74.00	28.47	Peak
3	7375.00	36.57	11.59	34.66	48.61	74.00	25.39	Peak
4	8684.00	37.32	11.45	32.22	47.33	74.00	26.67	Peak
5	10656.00	39.15	11.30	28.85	44.99	74.00	29.01	Peak
6	13665.00	40.55	11.30	26.27	45.37	74.00	28.63	Peak

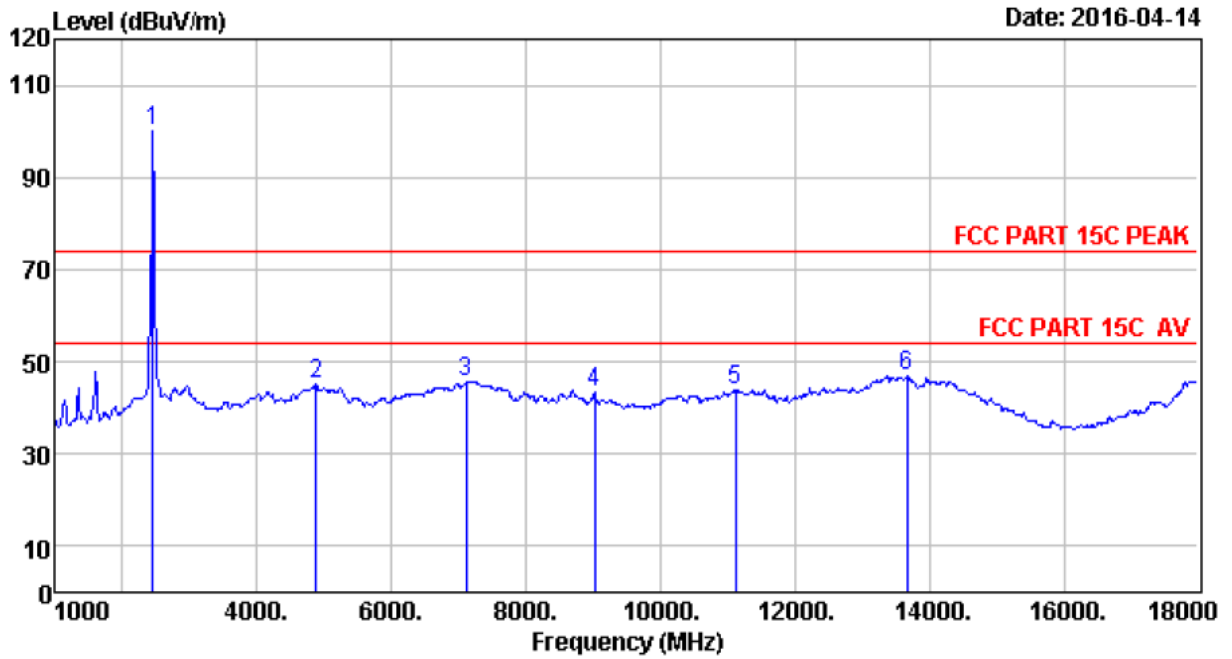
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 122  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	97.18	96.77	74.00	-22.77	Peak
2	7426.00	36.56	11.60	27.78	41.72	74.00	32.28	Peak
3	8684.00	37.32	11.45	29.39	44.50	74.00	29.50	Peak
4	10095.00	38.27	11.53	29.85	44.96	74.00	29.04	Peak
5	10945.00	39.46	11.29	27.65	44.27	74.00	29.73	Peak
6	14005.00	41.46	10.90	24.45	43.80	74.00	30.20	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

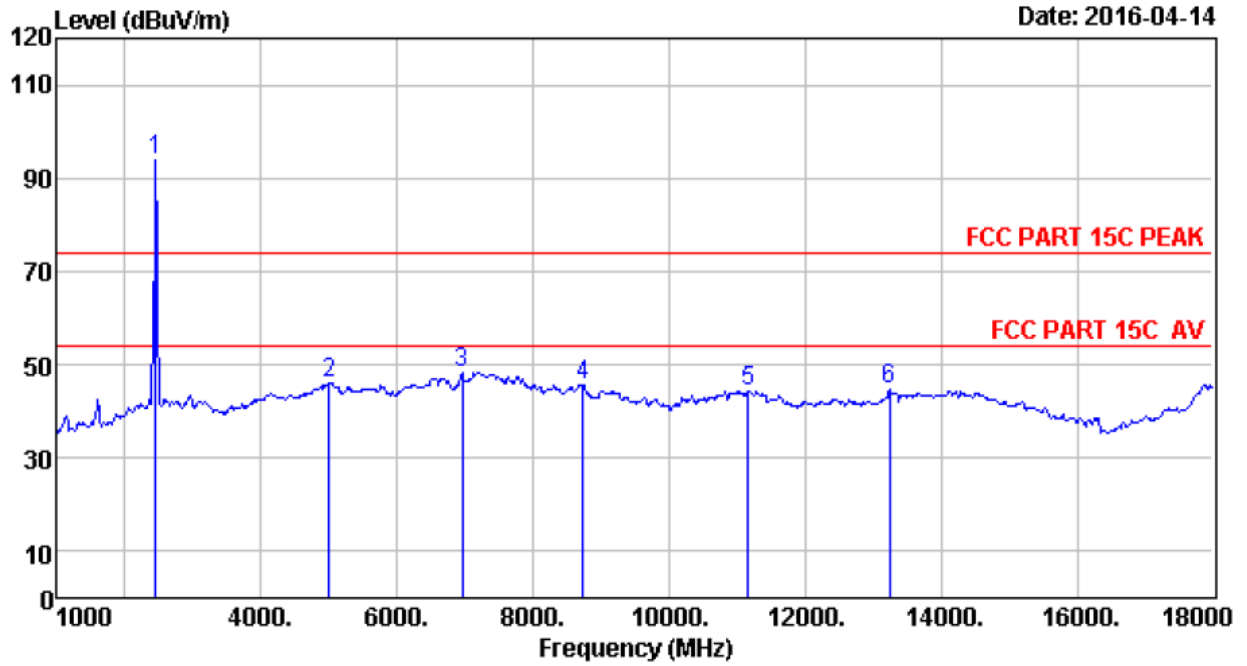


Site no. : 966 1# chamber Data no. : 123  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	100.58	100.00	74.00	-26.00	Peak
2	4876.00	31.37	12.07	37.28	44.96	74.00	29.04	Peak
3	7103.00	35.99	11.51	32.13	45.76	74.00	28.24	Peak
4	9024.00	37.43	11.47	28.58	43.18	74.00	30.82	Peak
5	11115.00	39.44	11.20	26.92	44.01	74.00	29.99	Peak
6	13665.00	40.55	11.30	27.78	46.88	74.00	27.12	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



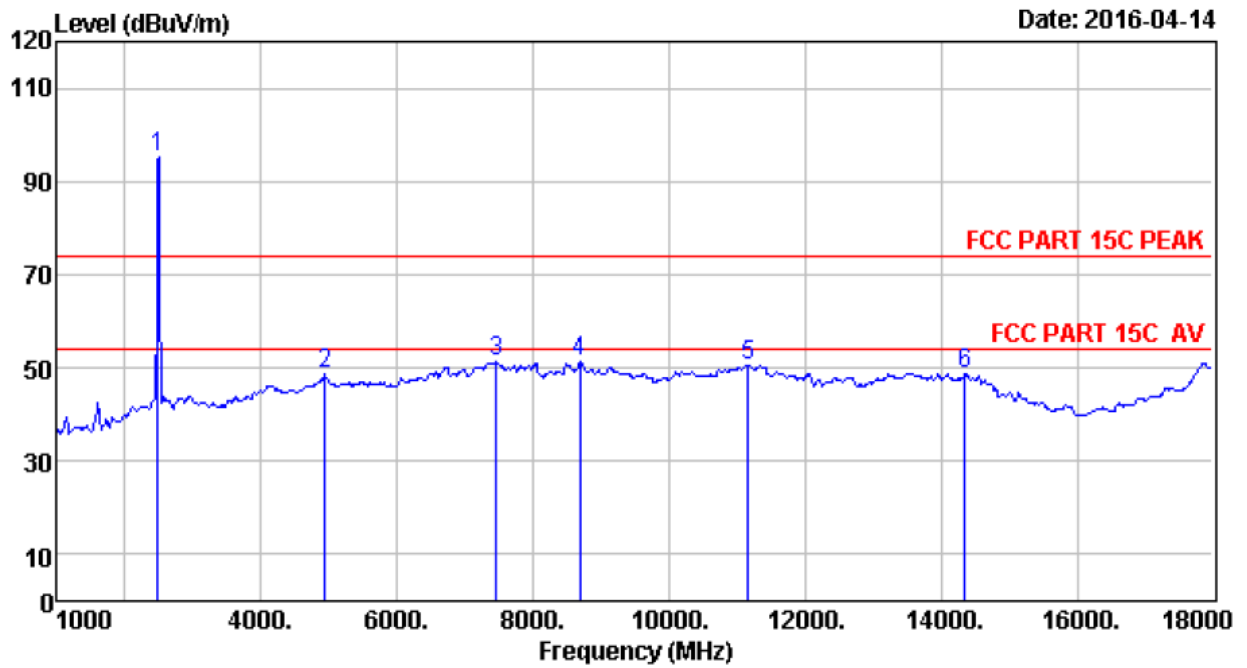


Date: 2016-04-14

Site no. : 966 1# chamber Data no. : 124  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	94.44	93.86	74.00	-19.86	Peak
2	4995.00	31.54	12.59	38.23	46.25	74.00	27.75	Peak
3	6950.00	35.29	11.56	35.92	48.43	74.00	25.57	Peak
4	8735.00	37.40	11.45	30.67	45.76	74.00	28.24	Peak
5	11166.00	39.41	11.17	27.03	44.30	74.00	29.70	Peak
6	13240.00	39.46	11.46	26.75	44.79	74.00	29.21	Peak

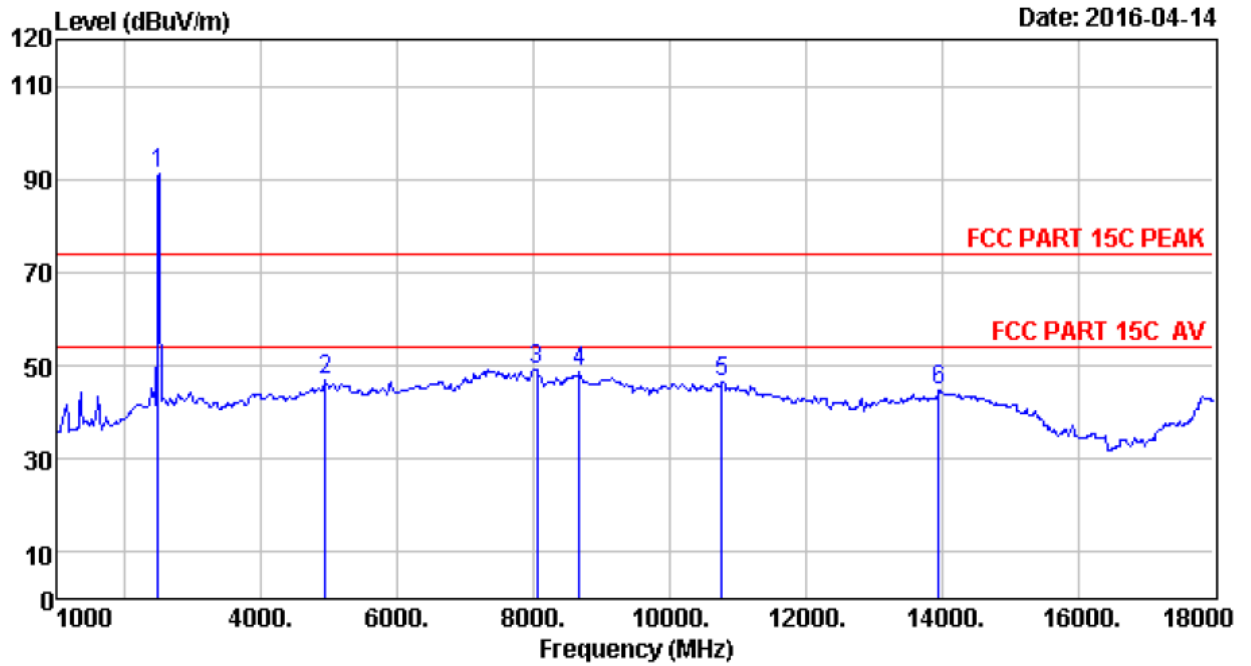
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 125  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	96.06	95.24	74.00	-21.24	Peak
2	4944.00	31.47	12.37	40.89	48.77	74.00	25.23	Peak
3	7460.00	36.52	11.61	37.58	51.50	74.00	22.50	Peak
4	8684.00	37.32	11.45	36.40	51.51	74.00	22.49	Peak
5	11166.00	39.41	11.17	33.31	50.58	74.00	23.42	Peak
6	14345.00	41.76	10.92	29.57	48.86	74.00	25.14	Peak

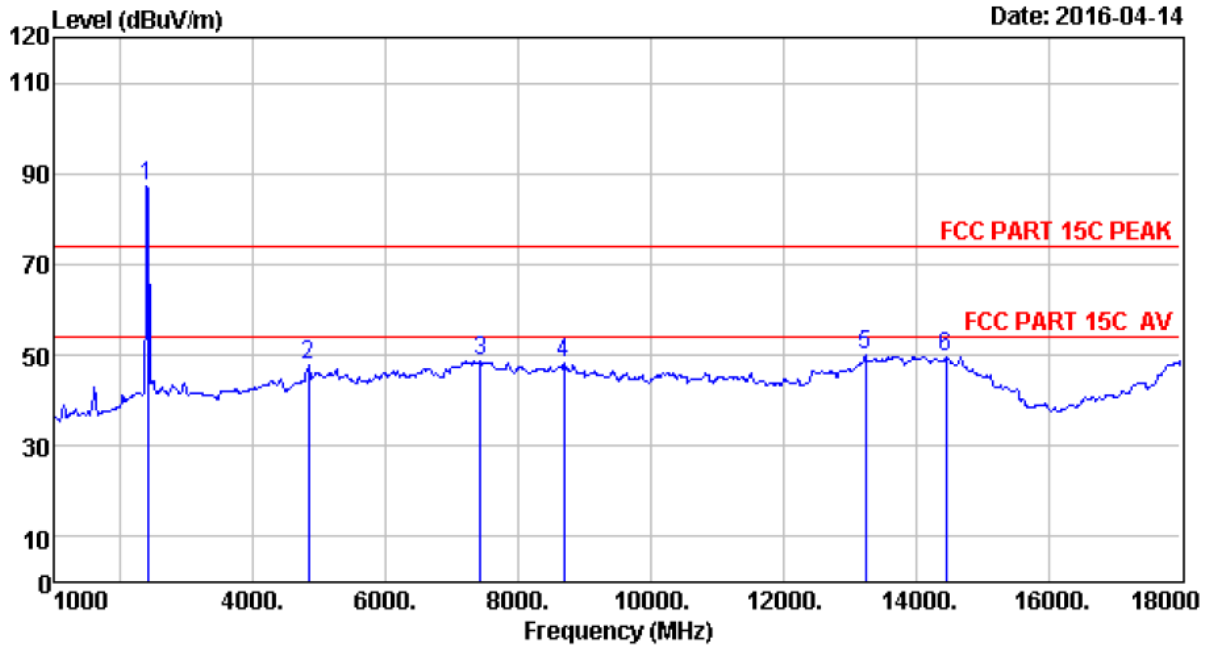
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 126  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	91.98	91.16	74.00	-17.16	Peak
2	4944.00	31.47	12.37	38.90	46.78	74.00	27.22	Peak
3	8055.00	36.91	11.41	35.80	49.21	74.00	24.79	Peak
4	8667.00	37.30	11.45	33.45	48.53	74.00	25.47	Peak
5	10775.00	39.28	11.30	30.02	46.58	74.00	27.42	Peak
6	13954.00	41.35	10.96	25.31	44.63	74.00	29.37	Peak

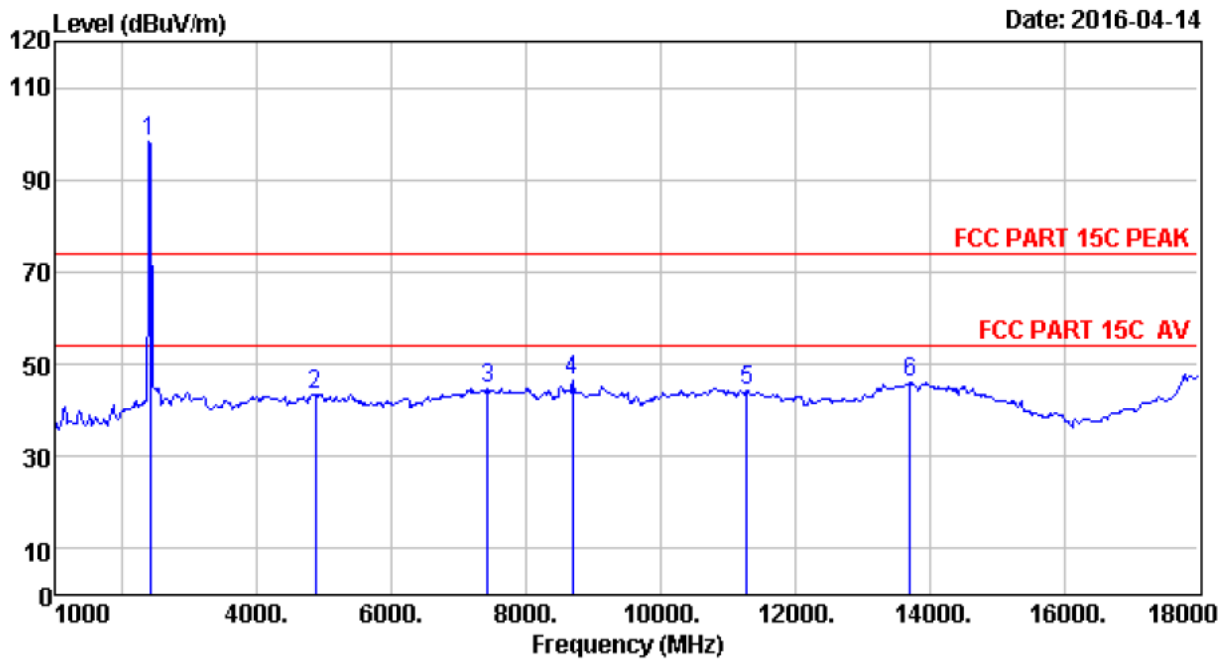
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 127  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	87.69	87.28	74.00	-13.28	Peak
2	4825.00	31.28	11.84	40.24	47.70	74.00	26.30	Peak
3	7426.00	36.56	11.60	34.77	48.71	74.00	25.29	Peak
4	8684.00	37.32	11.45	33.04	48.15	74.00	25.85	Peak
5	13240.00	39.46	11.46	32.08	50.12	74.00	23.88	Peak
6	14464.00	41.85	10.93	30.14	49.47	74.00	24.53	Peak

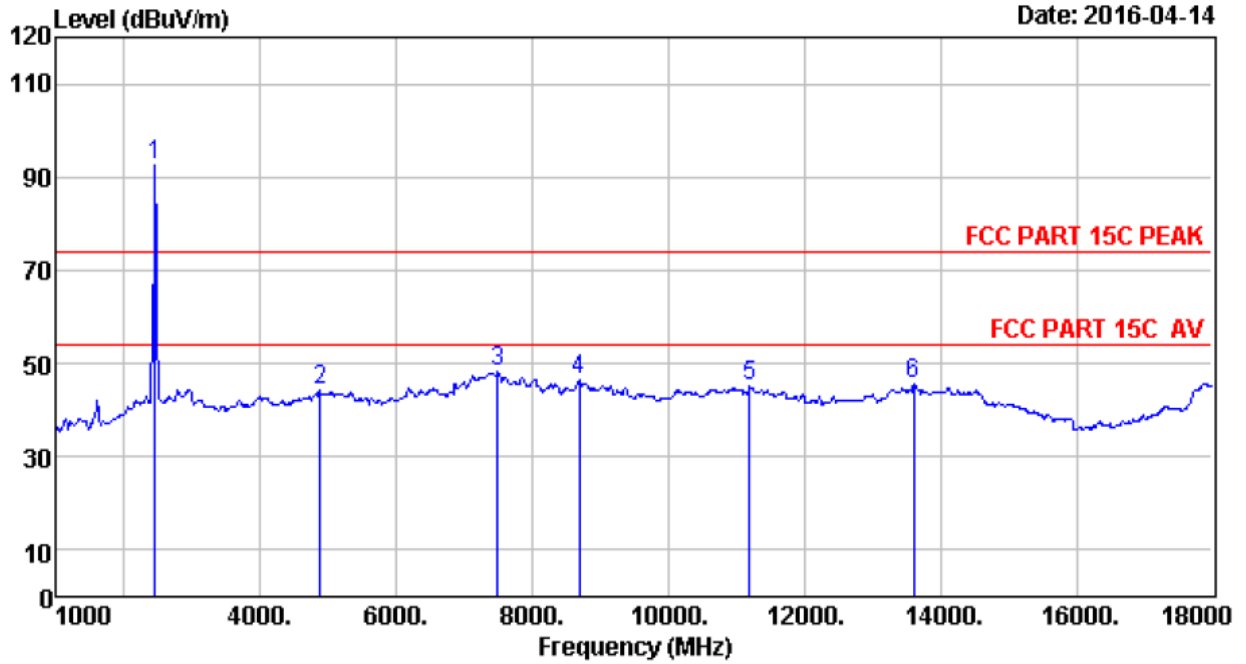
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 128  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	98.56	98.15	74.00	-24.15	Peak
2	4859.00	31.34	11.99	35.92	43.55	74.00	30.45	Peak
3	7426.00	36.56	11.60	30.80	44.74	74.00	29.26	Peak
4	8684.00	37.32	11.45	31.31	46.42	74.00	27.58	Peak
5	11285.00	39.33	11.08	27.41	44.50	74.00	29.50	Peak
6	13716.00	40.69	11.24	27.15	46.14	74.00	27.86	Peak

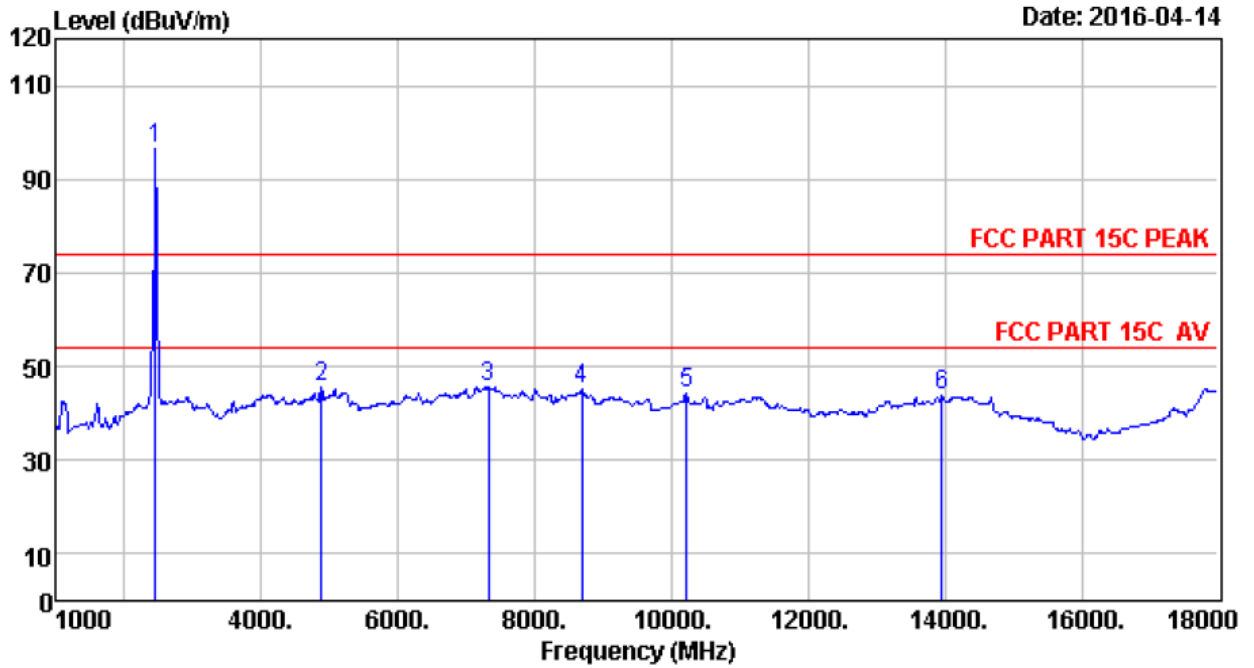
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 129  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	93.31	92.73	74.00	-18.73	Peak
2	4876.00	31.37	12.07	36.80	44.48	74.00	29.52	Peak
3	7494.00	36.48	11.62	34.18	48.10	74.00	25.90	Peak
4	8684.00	37.32	11.45	31.34	46.45	74.00	27.55	Peak
5	11200.00	39.39	11.14	27.78	45.07	74.00	28.93	Peak
6	13614.00	40.40	11.36	26.55	45.63	74.00	28.37	Peak

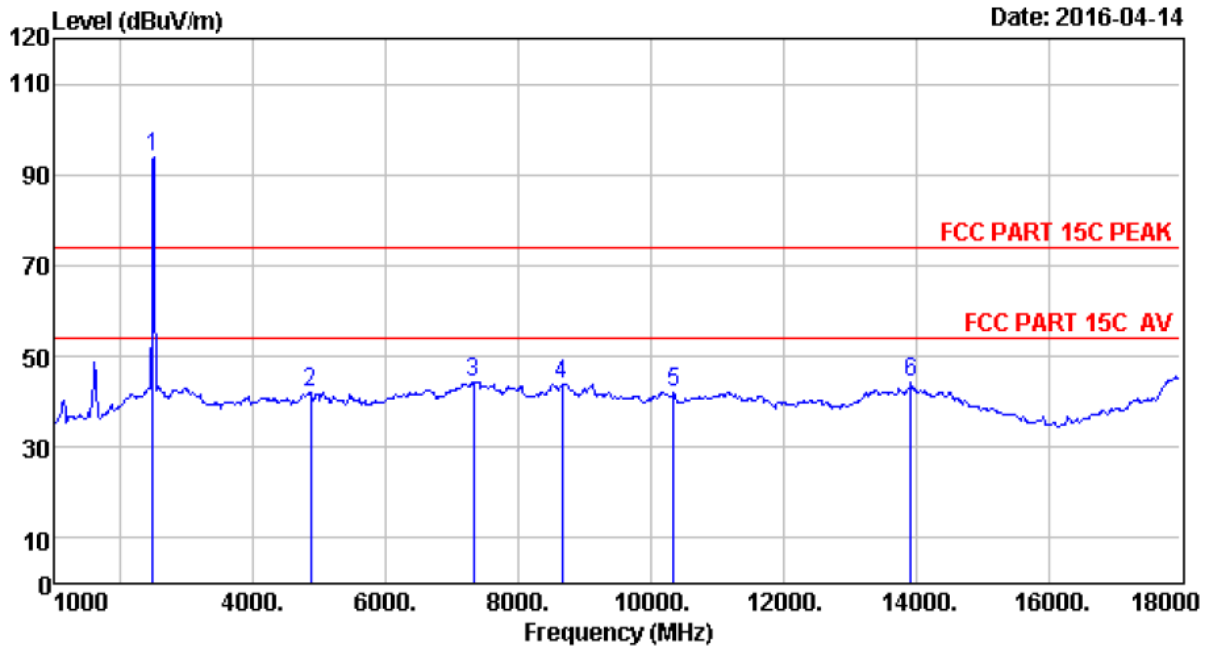
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 130  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2441MHZ

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	96.92	96.34	74.00	-22.34	Peak
2	4876.00	31.37	12.07	38.04	45.72	74.00	28.28	Peak
3	7324.00	36.55	11.57	31.67	45.65	74.00	28.35	Peak
4	8684.00	37.32	11.45	30.10	45.21	74.00	28.79	Peak
5	10214.00	38.48	11.47	28.74	44.19	74.00	29.81	Peak
6	13954.00	41.35	10.96	24.54	43.86	74.00	30.14	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

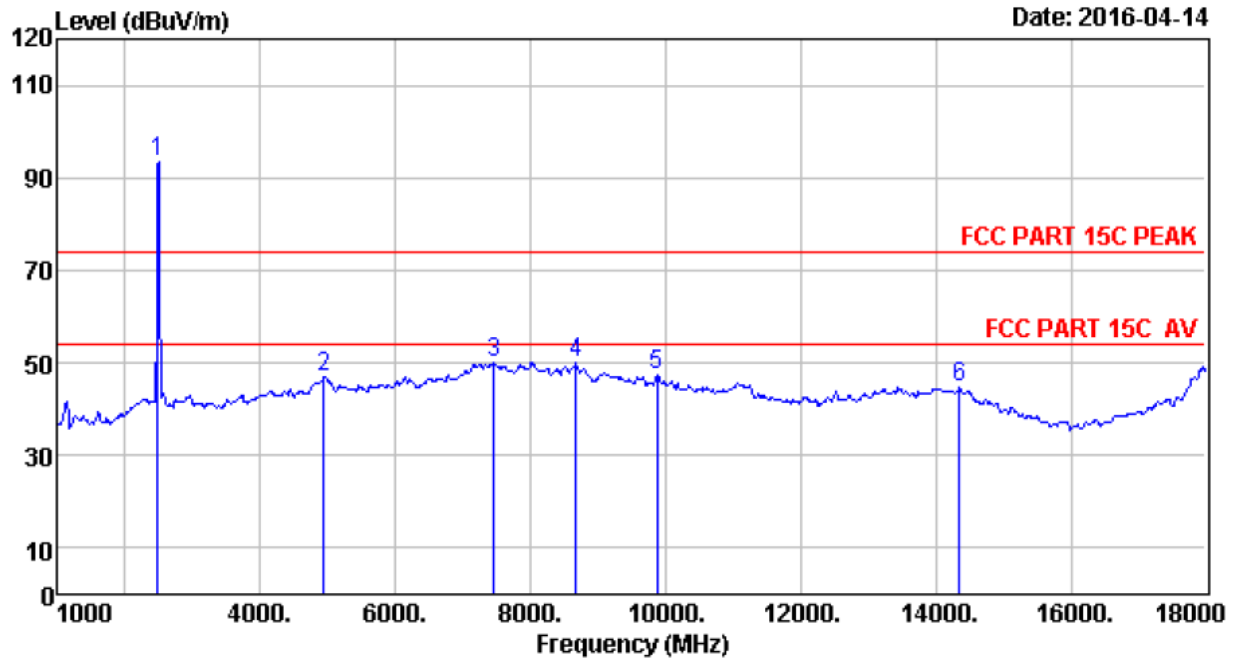


Site no. : 966 1# chamber Data no. : 131  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	94.91	94.09	74.00	-20.09	Peak
2	4859.00	31.34	11.99	34.39	42.02	74.00	31.98	Peak
3	7324.00	36.55	11.57	30.48	44.46	74.00	29.54	Peak
4	8650.00	37.27	11.45	28.90	43.94	74.00	30.06	Peak
5	10350.00	38.71	11.39	26.68	42.25	74.00	31.75	Peak
6	13920.00	41.26	11.00	24.84	44.10	74.00	29.90	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

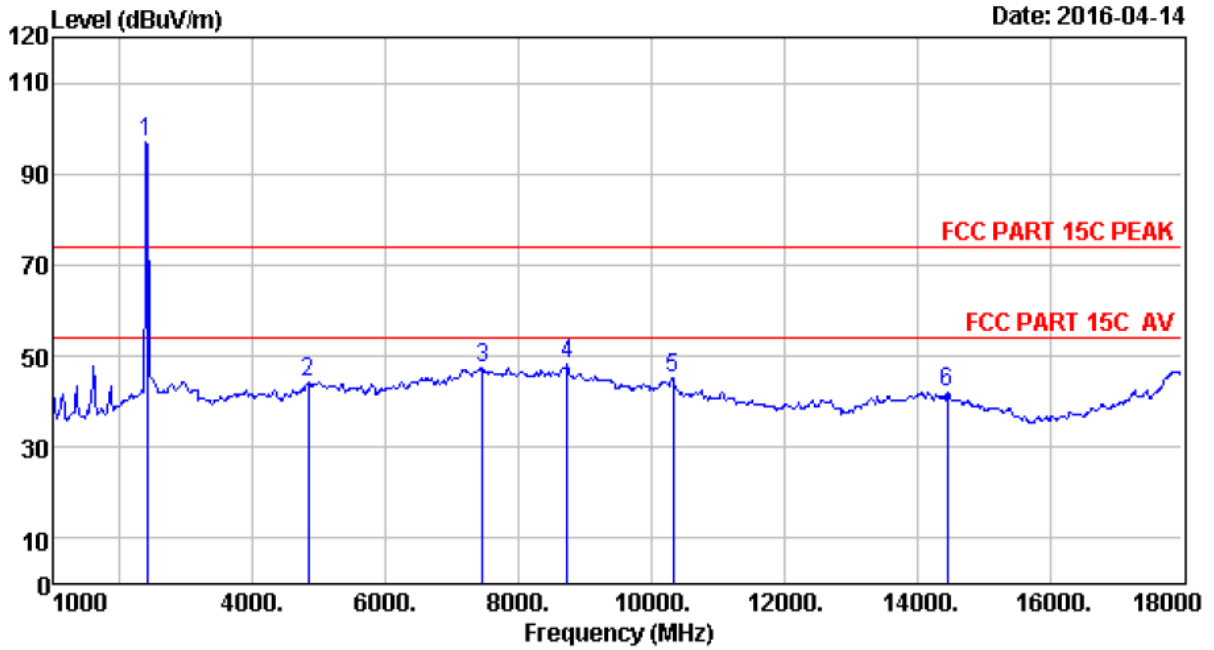




Site no. : 966 1# chamber Data no. : 132  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	94.18	93.36	74.00	-19.36	Peak
2	4944.00	31.47	12.37	39.21	47.09	74.00	26.91	Peak
3	7460.00	36.52	11.61	36.08	50.00	74.00	24.00	Peak
4	8667.00	37.30	11.45	34.77	49.85	74.00	24.15	Peak
5	9874.00	38.15	11.62	32.83	47.59	74.00	26.41	Peak
6	14345.00	41.76	10.92	25.58	44.87	74.00	29.13	Peak

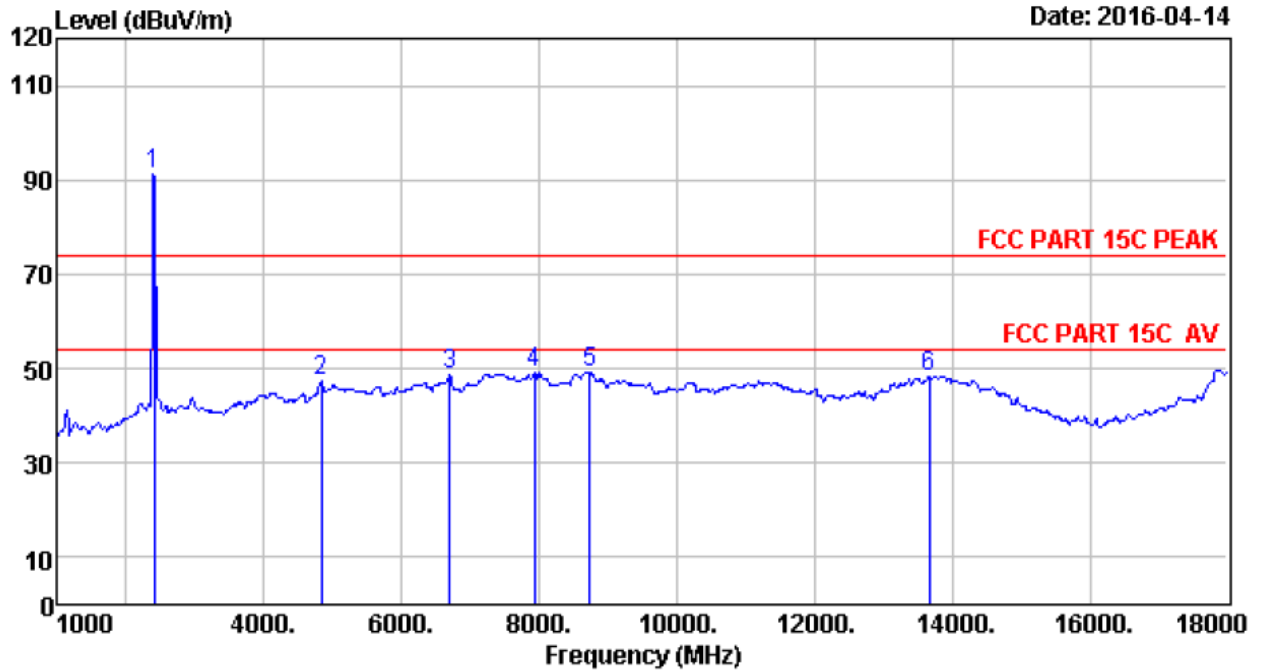
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 133  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	97.22	96.81	74.00	-22.81	Peak
2	4825.00	31.28	11.84	36.86	44.32	74.00	29.68	Peak
3	7460.00	36.52	11.61	33.33	47.25	74.00	26.75	Peak
4	8735.00	37.40	11.45	32.96	48.05	74.00	25.95	Peak
5	10333.00	38.68	11.40	29.47	45.03	74.00	28.97	Peak
6	14464.00	41.85	10.93	22.84	42.17	74.00	31.83	Peak

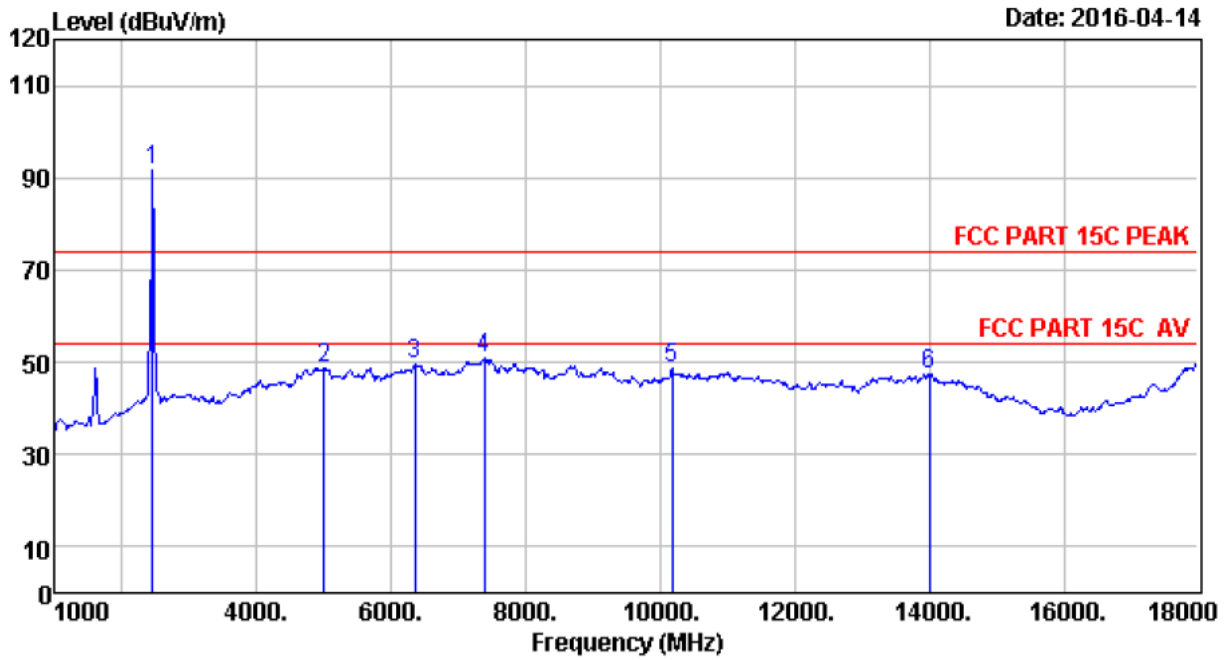
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 134  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	91.42	91.01	74.00	-17.01	Peak
2	4825.00	31.28	11.84	40.05	47.51	74.00	26.49	Peak
3	6695.00	34.49	11.95	36.91	48.77	74.00	25.23	Peak
4	7936.00	36.88	11.43	36.10	49.32	74.00	24.68	Peak
5	8735.00	37.40	11.45	34.16	49.25	74.00	24.75	Peak
6	13665.00	40.55	11.30	29.37	48.47	74.00	25.53	Peak

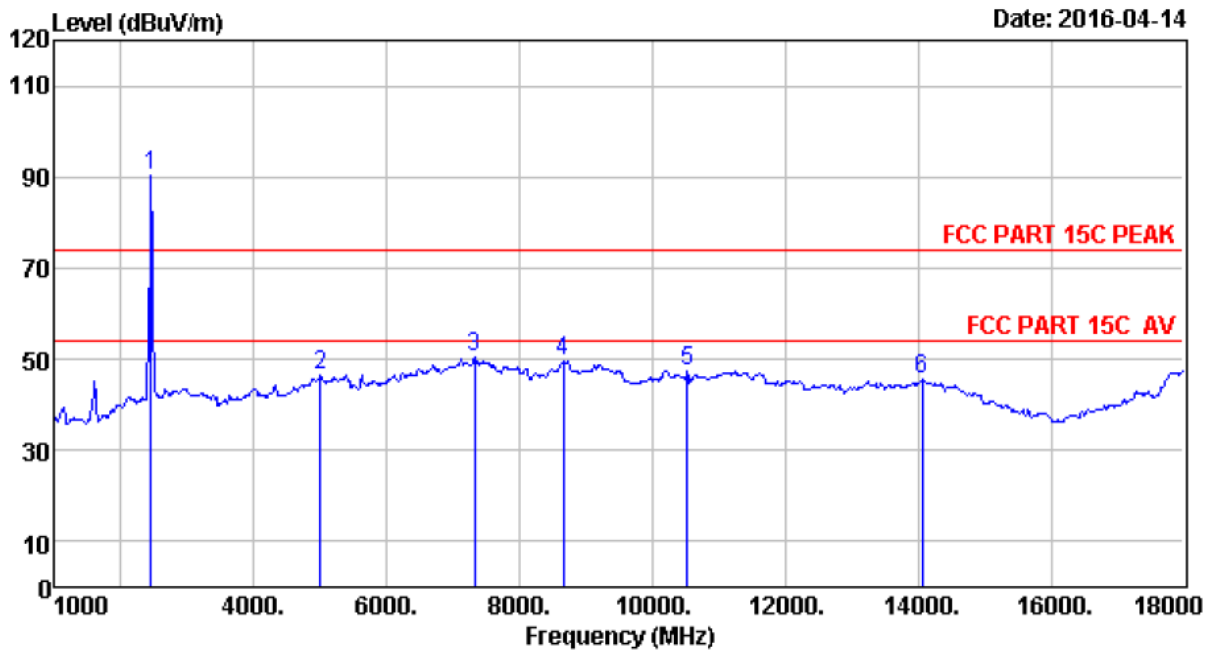
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 135  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	92.04	91.46	74.00	-17.46	Peak
2	4995.00	31.54	12.59	40.85	48.87	74.00	25.13	Peak
3	6355.00	33.80	12.20	38.98	49.64	74.00	24.36	Peak
4	7375.00	36.57	11.59	36.99	50.94	74.00	23.06	Peak
5	10180.00	38.42	11.49	33.14	48.52	74.00	25.48	Peak
6	14005.00	41.46	10.90	28.11	47.46	74.00	26.54	Peak

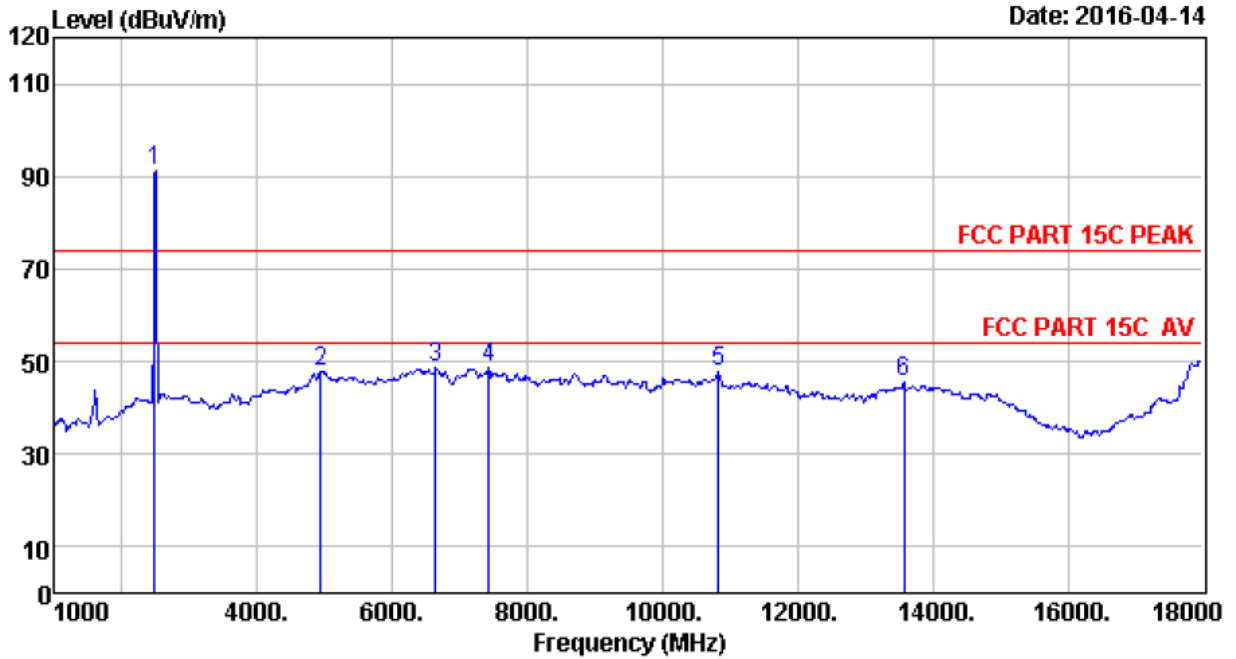
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 136  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	90.93	90.35	74.00	-16.35	Peak
2	4995.00	31.54	12.59	38.59	46.61	74.00	27.39	Peak
3	7324.00	36.55	11.57	36.49	50.47	74.00	23.53	Peak
4	8650.00	37.27	11.45	34.65	49.69	74.00	24.31	Peak
5	10520.00	39.00	11.31	31.50	47.33	74.00	26.67	Peak
6	14056.00	41.51	10.90	26.09	45.44	74.00	28.56	Peak

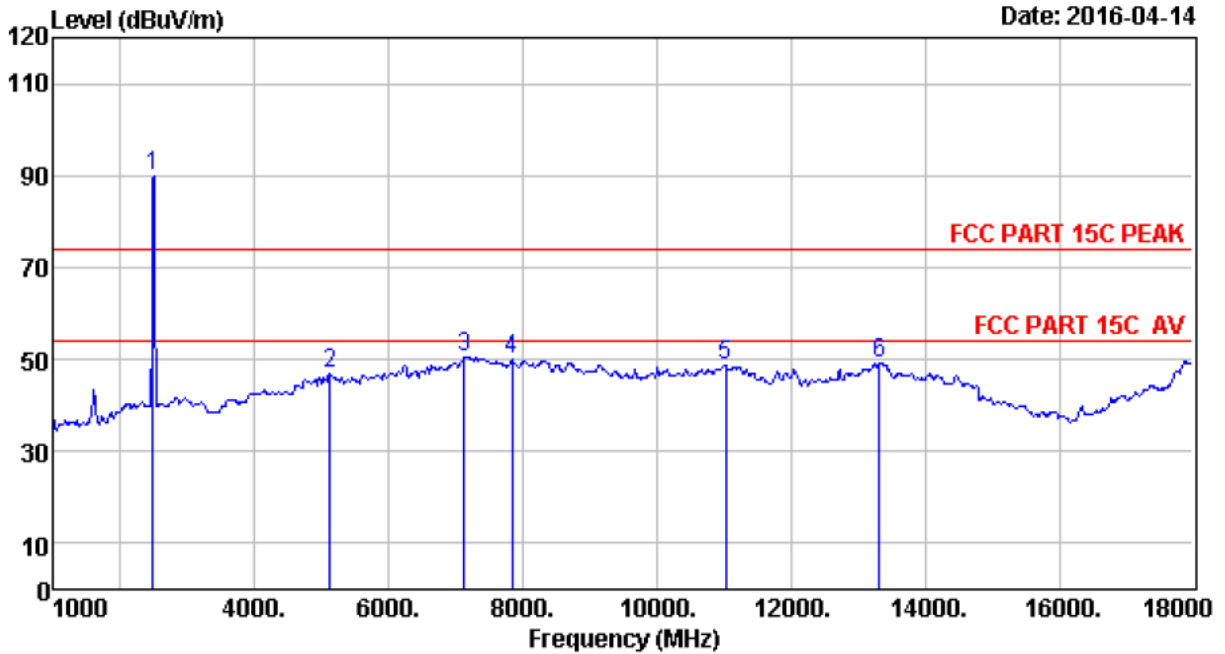
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber                      Data no. : 137  
 Dis. / Ant. : 3m ANT 1-18G                      Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	92.09	91.27	74.00	-17.27	Peak
2	4944.00	31.47	12.37	39.91	47.79	74.00	26.21	Peak
3	6644.00	34.48	12.02	36.71	48.55	74.00	25.45	Peak
4	7426.00	36.56	11.60	34.73	48.67	74.00	25.33	Peak
5	10826.00	39.33	11.30	31.09	47.72	74.00	26.28	Peak
6	13580.00	40.31	11.40	26.34	45.41	74.00	28.59	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



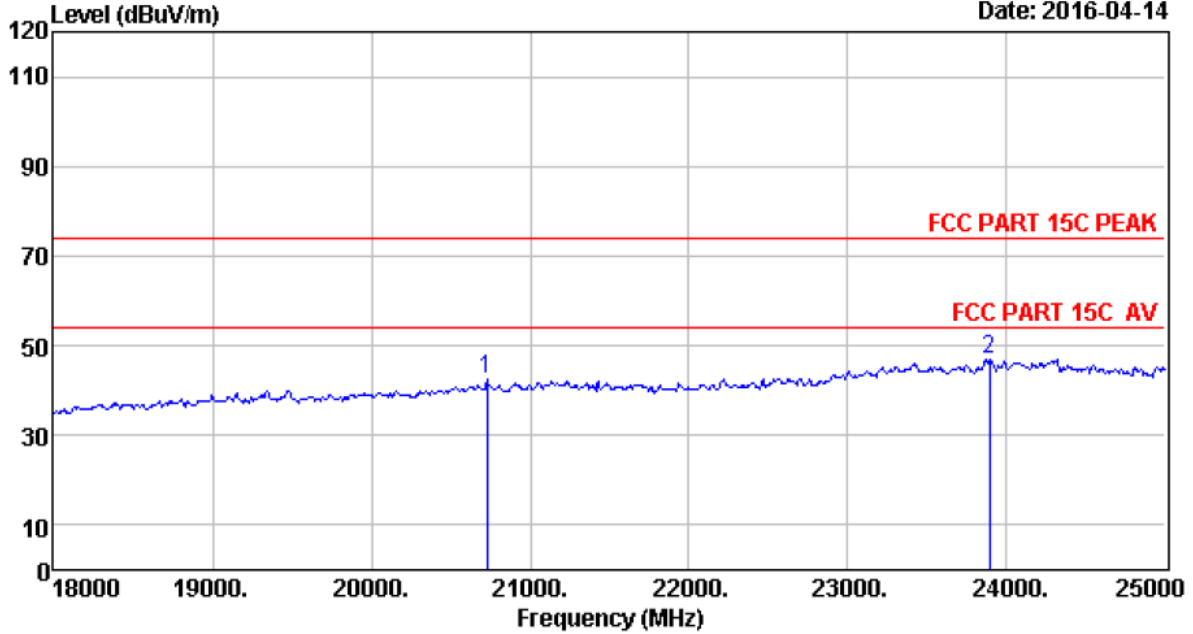
Site no. : 966 1# chamber Data no. : 138  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	90.60	89.78	74.00	-15.78	Peak
2	5114.00	31.62	12.45	38.93	46.90	74.00	27.10	Peak
3	7120.00	36.08	11.51	36.76	50.49	74.00	23.51	Peak
4	7834.00	36.68	11.47	36.96	50.15	74.00	23.85	Peak
5	11030.00	39.50	11.27	32.10	48.89	74.00	25.11	Peak
6	13325.00	39.66	11.48	30.95	49.15	74.00	24.85	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

18000MHz – 25000MHz

Date: 2016-04-14

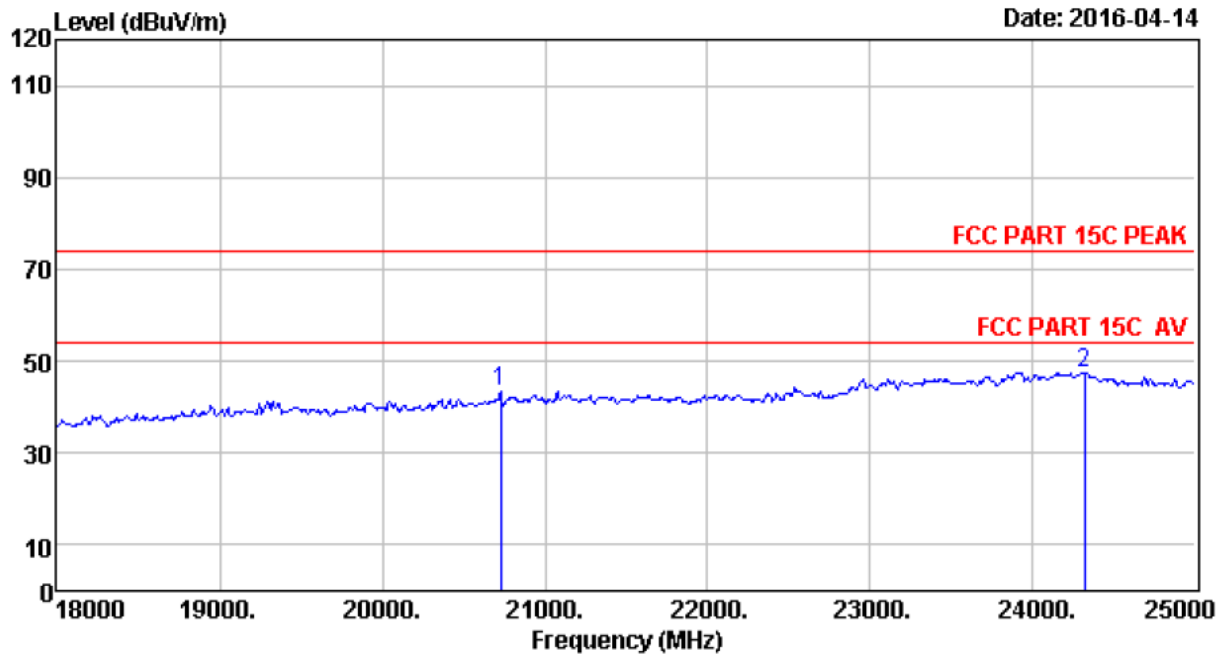


Site no. : 966 1# chamber Data no. : 163  
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 20730.00	46.14	20.01	12.36	42.46	74.00	31.54	Peak
2 23894.00	45.62	21.95	12.40	47.07	74.00	26.93	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



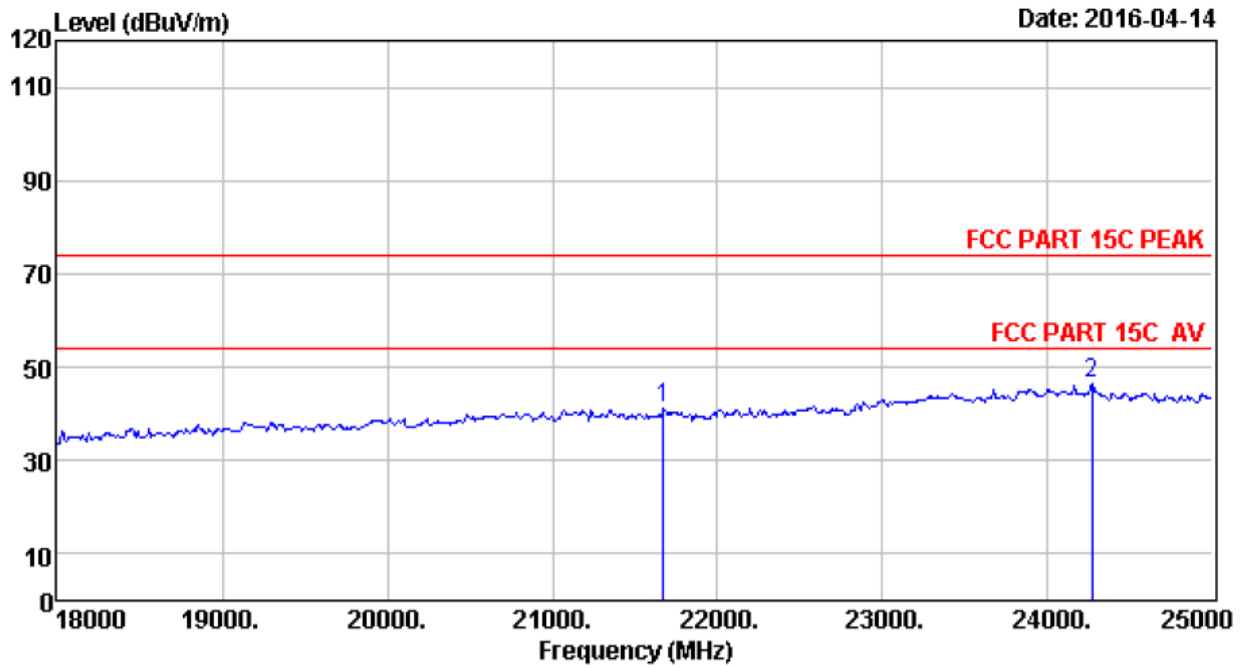


Site no. : 966 1# chamber Data no. : 164  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 20730.00	46.14	20.01	13.12	43.22	74.00	30.78	Peak
2 24314.00	45.66	22.22	12.97	47.55	74.00	26.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

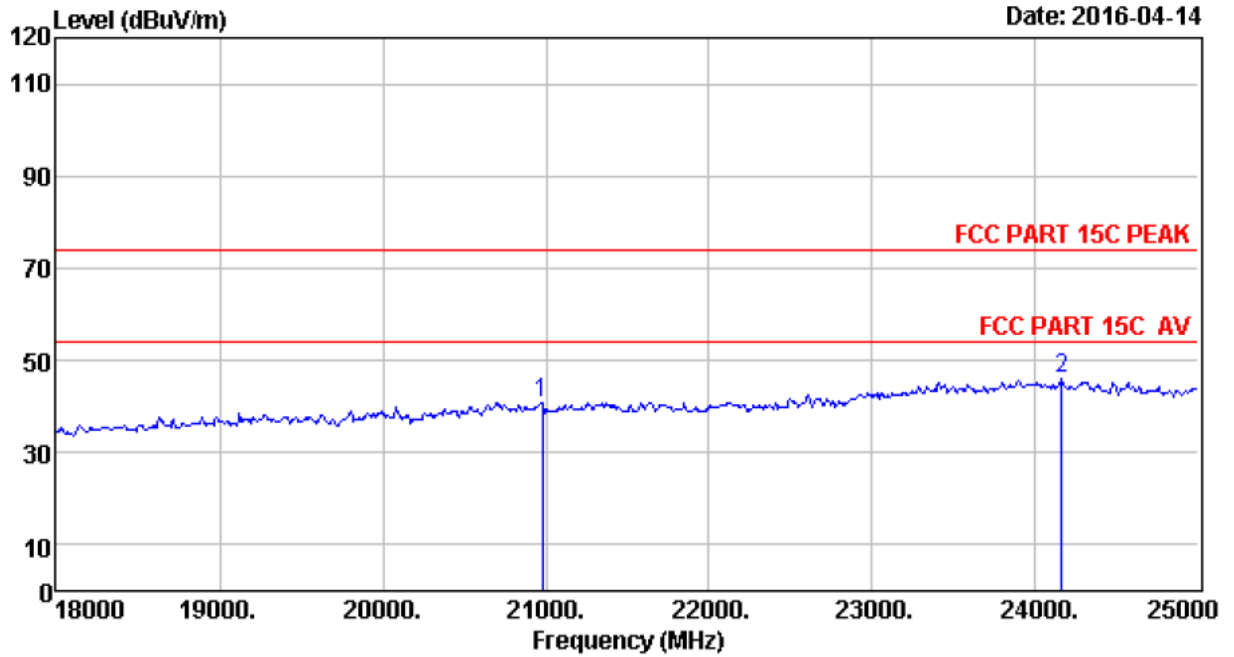




Site no. : 966 1# chamber                      Data no. : 166  
 Dis. / Ant. : 3m ANT ABOVE 18G                      Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2441MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 21675.00	45.90	20.42	9.98	41.11	74.00	32.89	Peak
2 24265.00	45.65	22.19	11.74	46.35	74.00	27.65	Peak

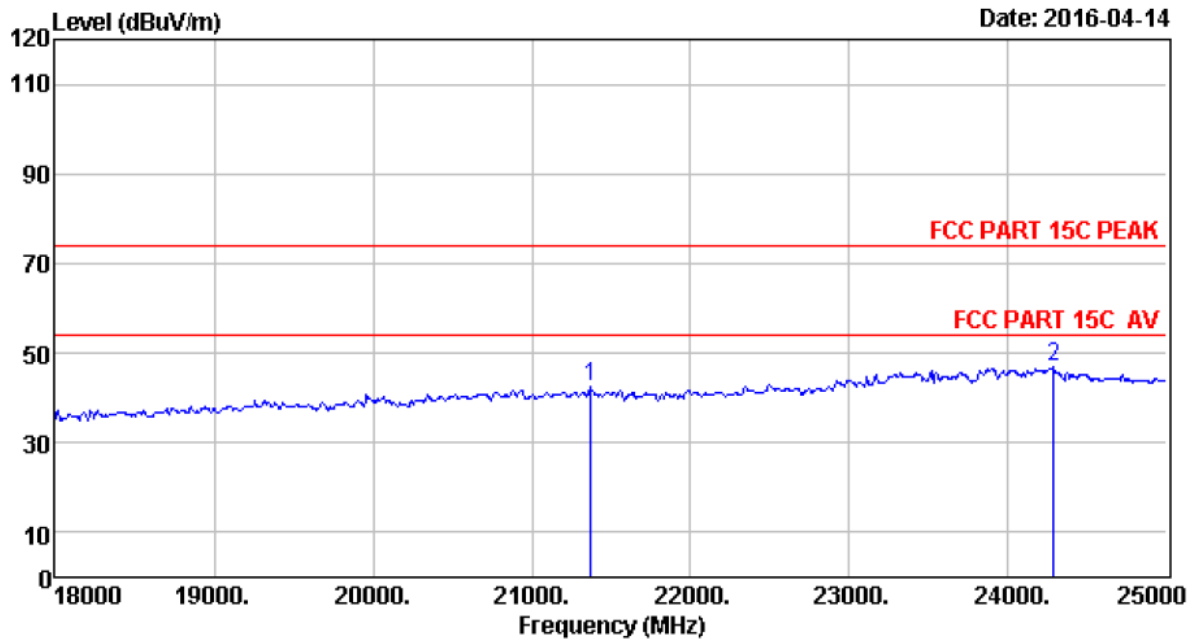
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 167  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 20975.00	46.29	20.12	10.33	40.92	74.00	33.08	Peak
2 24160.00	45.63	22.13	11.19	45.92	74.00	28.08	Peak

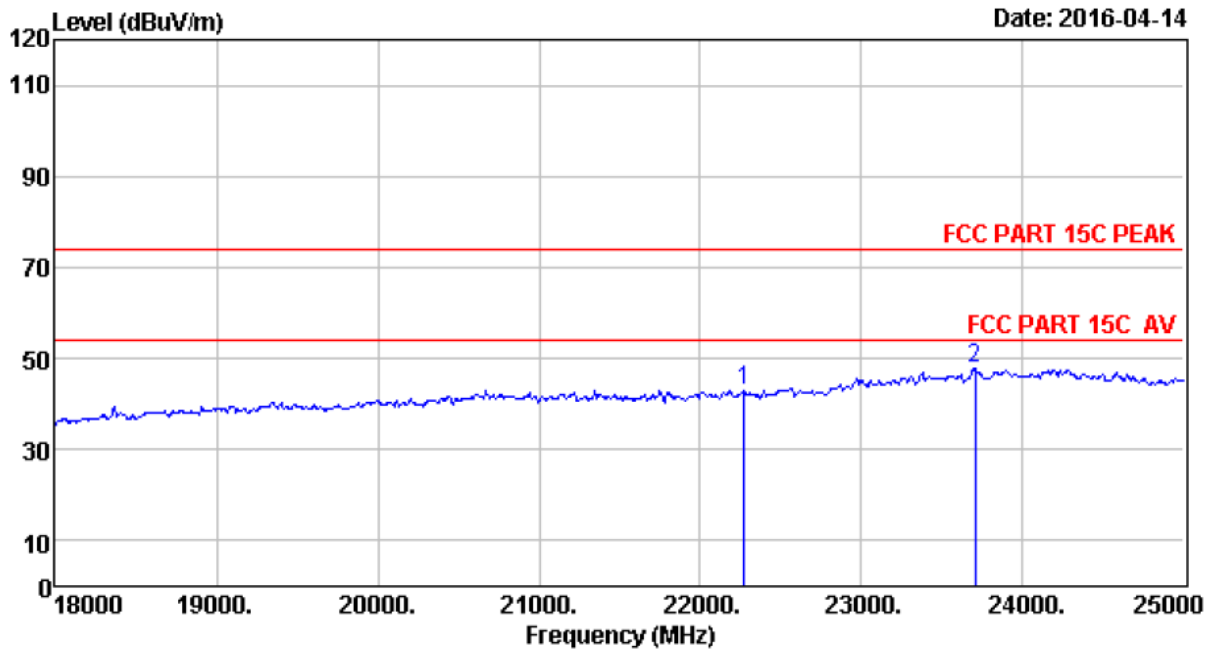
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber                      Data no. : 168  
 Dis. / Ant. : 3m ANT ABOVE 18G                      Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	21374.00	46.08	20.29	11.39	42.30	74.00	31.70	Peak
2	24286.00	45.66	22.20	12.12	46.75	74.00	27.25	Peak

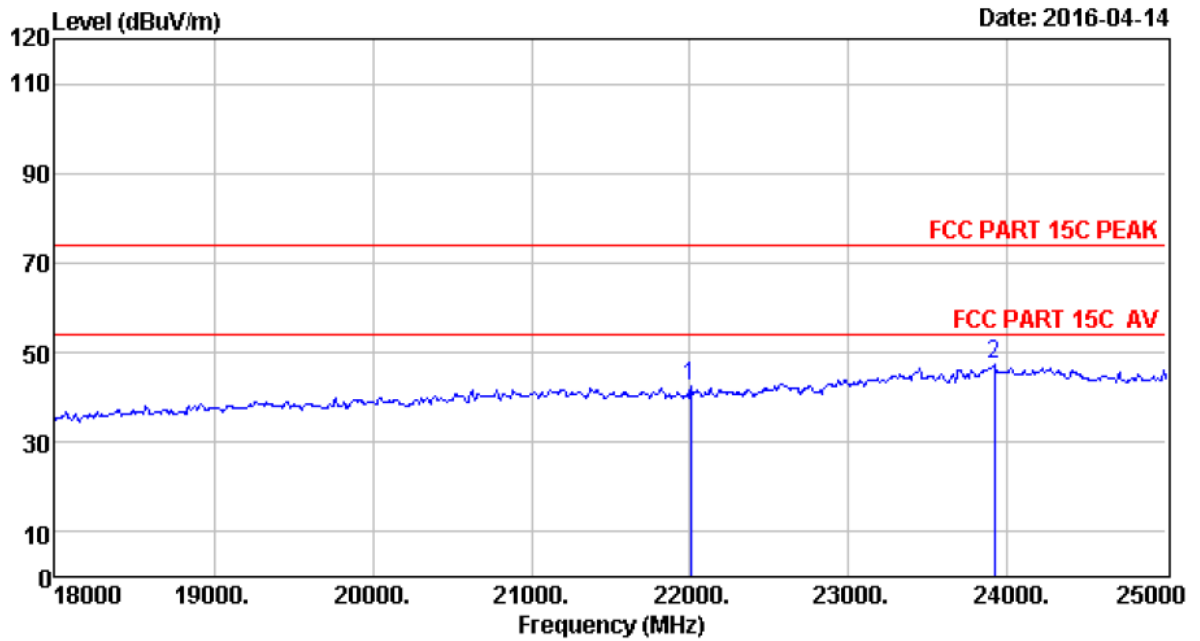
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber                      Data no. : 169  
 Dis. / Ant. : 3m ANT ABOVE 18G              Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 22270.00	45.75	20.72	11.17	43.03	74.00	30.97	Peak
2 23705.00	45.66	21.78	13.49	47.82	74.00	26.18	Peak

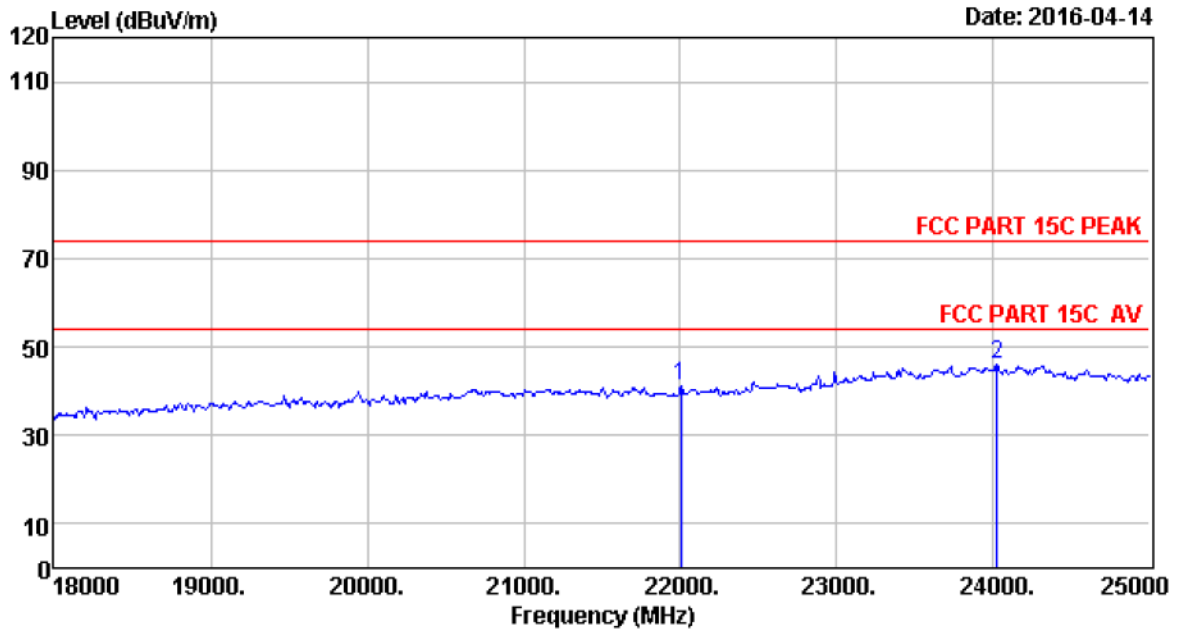
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 170  
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 22004.00	45.70	20.57	11.15	42.52	74.00	31.48	Peak
2 23915.00	45.62	21.97	12.50	47.21	74.00	26.79	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

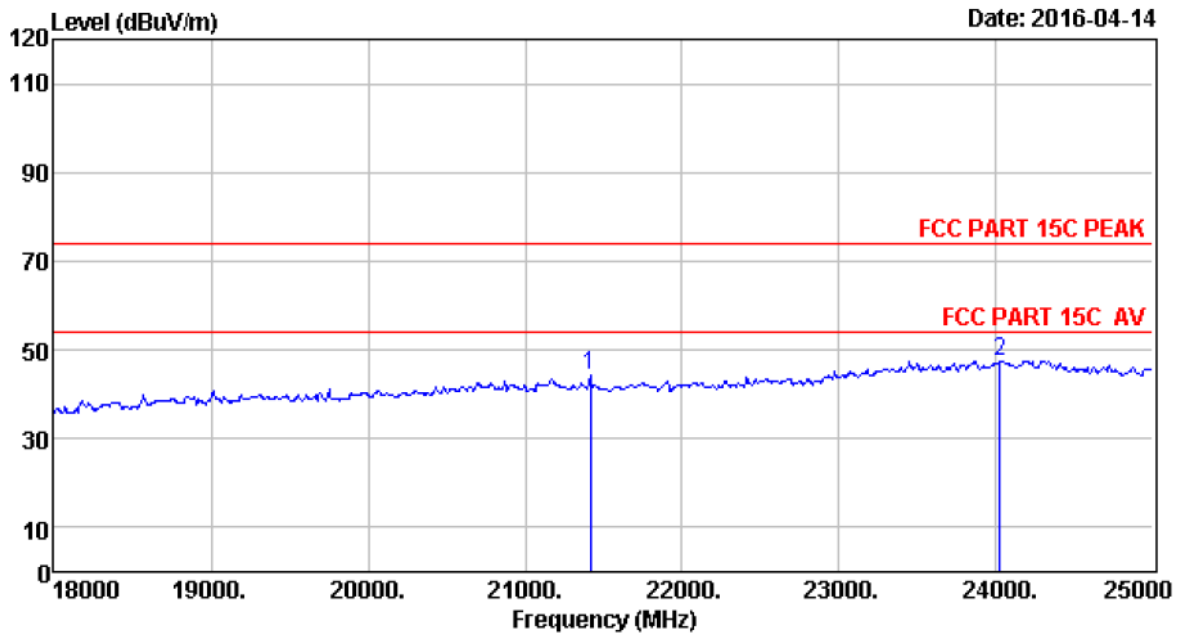


Site no. : 966 1# chamber Data no. : 171  
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	22004.00	45.70	20.57	9.95	41.32	74.00	32.68	Peak
2	24020.00	45.60	22.06	11.40	46.22	74.00	27.78	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

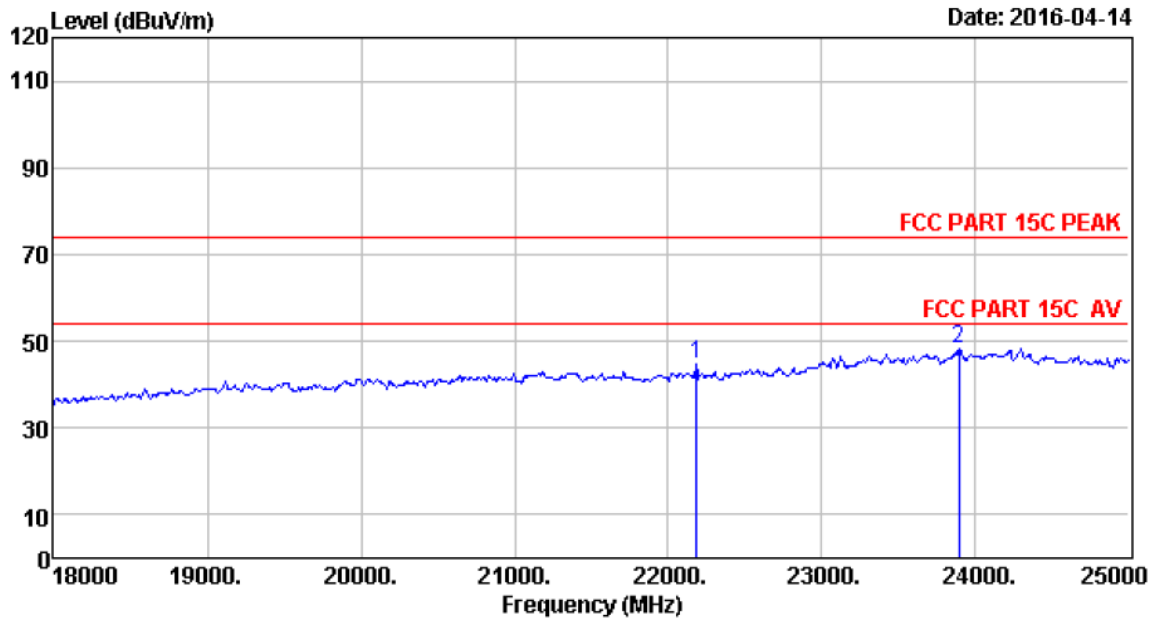




Site no. : 966 1# chamber Data no. : 172  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2441MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	21416.00	46.05	20.31	13.20	44.14	74.00	29.86	Peak
2	24020.00	45.60	22.06	12.74	47.56	74.00	26.44	Peak

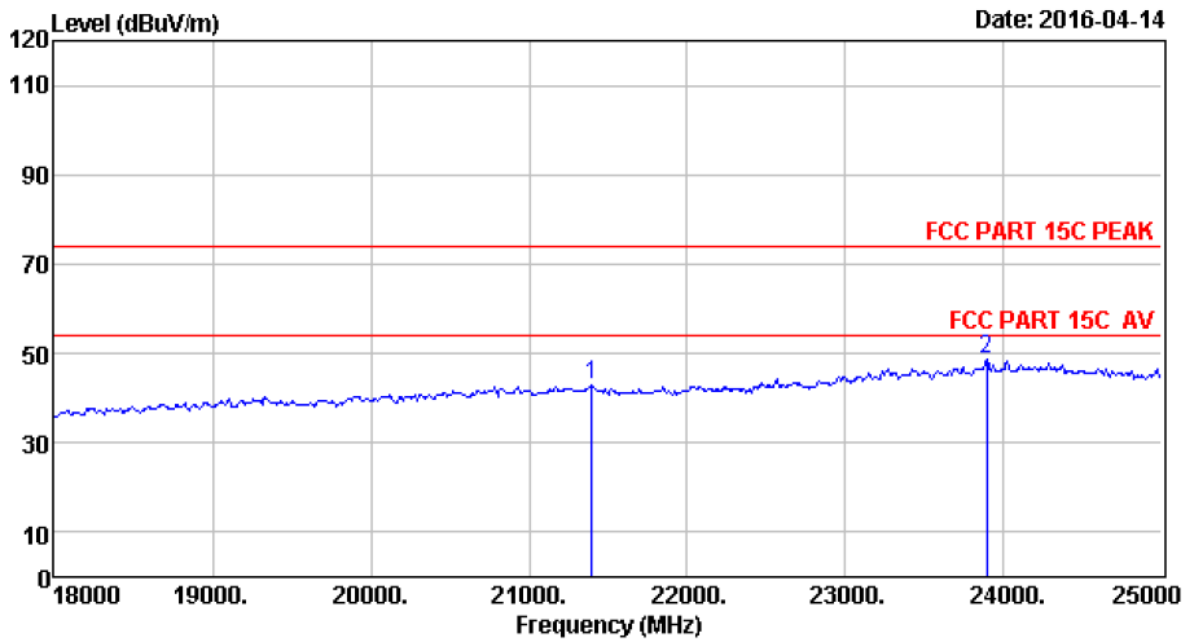
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 173  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	22186.00	45.73	20.67	13.06	44.74	74.00	29.26	Peak
2	23894.00	45.62	21.95	13.56	48.23	74.00	25.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

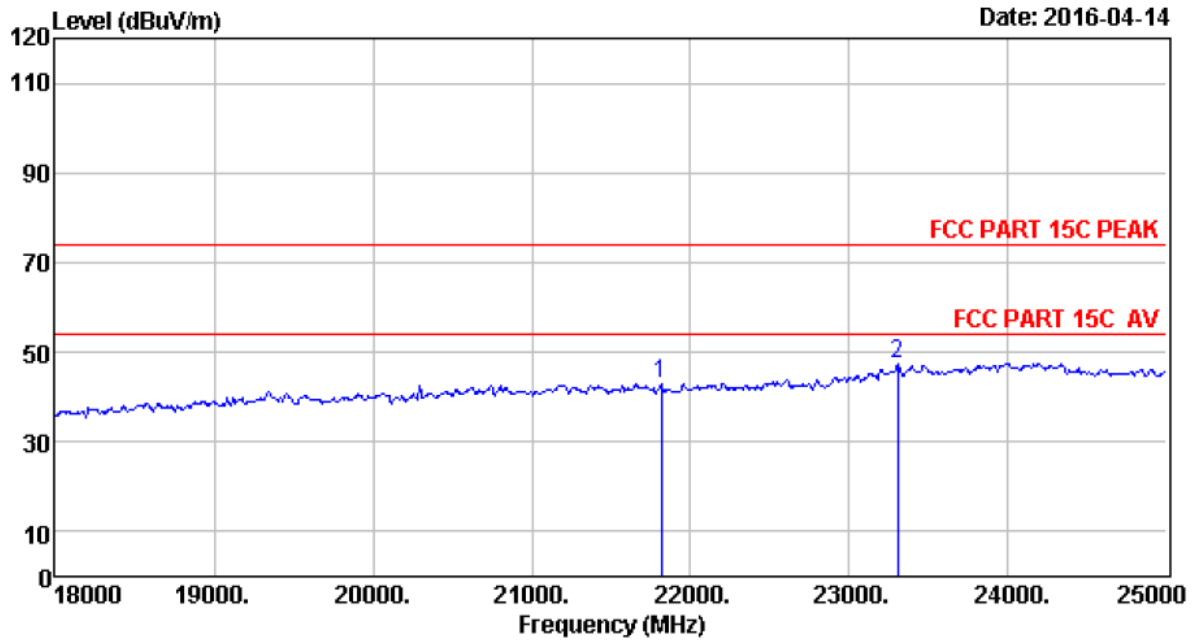


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Site no.      : 966 1# chamber           Data no.   : 174
Dis. / Ant.   : 3m ANT ABOVE 18G       Ant. pol.  : HORIZONTAL
Limit        : FCC PART 15C PEAK
Env. / Ins.   : Temp:23.6';Humi:56%;Press:101.52kPa
Engineer     : Tony
EUT          : Portable Bluetooth Speaker
Power        : DC 18V Form Adapter Input AC 120V/60Hz
M/N         : DS6
Test Mode    : (π/4)DQPSK TX 2480MHz
    
```

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	21395.00	46.07	20.30	12.11	43.04	74.00	30.96	Peak
2	23894.00	45.62	21.95	14.05	48.72	74.00	25.28	Peak

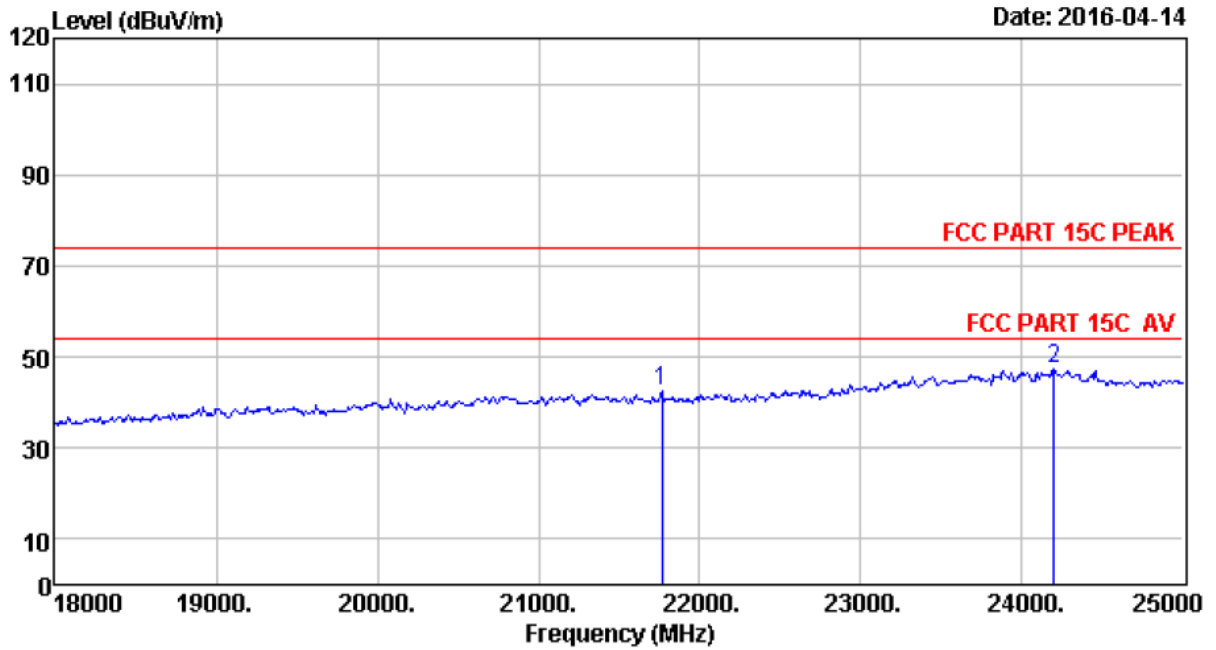
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 175  
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 21815.00	45.82	20.48	11.75	42.99	74.00	31.01	Peak
2 23306.00	45.66	21.43	14.01	47.57	74.00	26.43	Peak

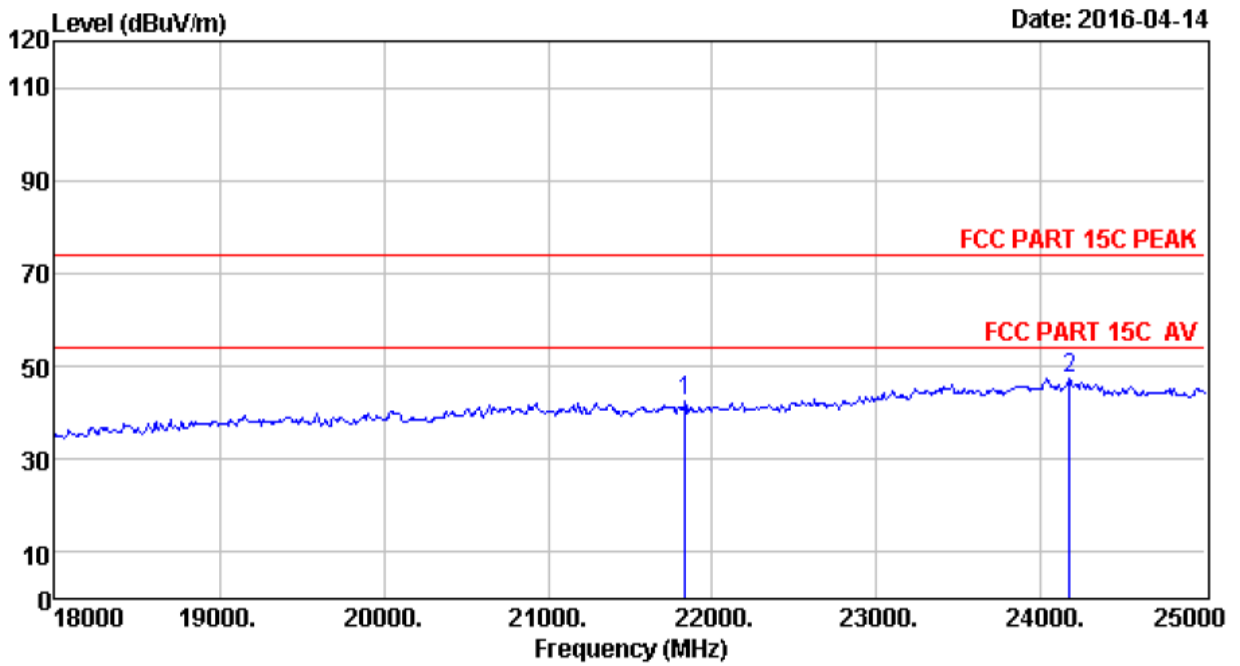
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 176  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 21766.00	45.84	20.46	11.53	42.73	74.00	31.27	Peak
2 24195.00	45.64	22.15	12.53	47.21	74.00	26.79	Peak

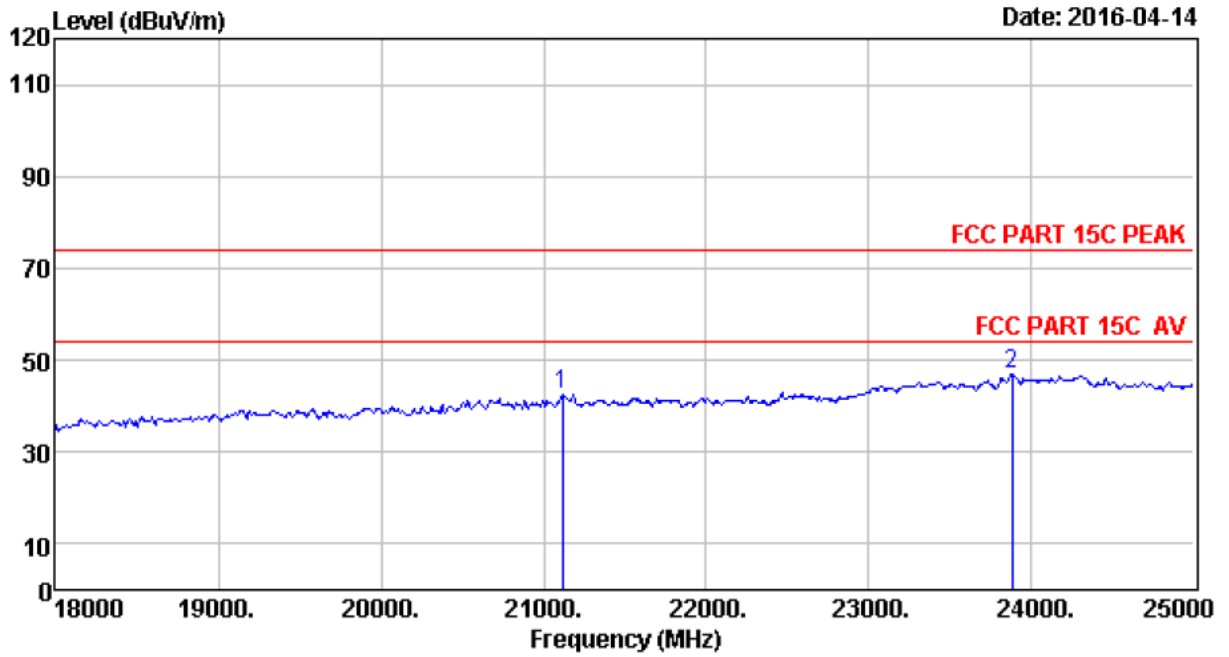
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber                      Data no. : 177  
 Dis. / Ant. : 3m ANT ABOVE 18G              Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 21836.00	45.80	20.49	11.20	42.43	74.00	31.57	Peak
2 24174.00	45.64	22.14	12.80	47.51	74.00	26.49	Peak

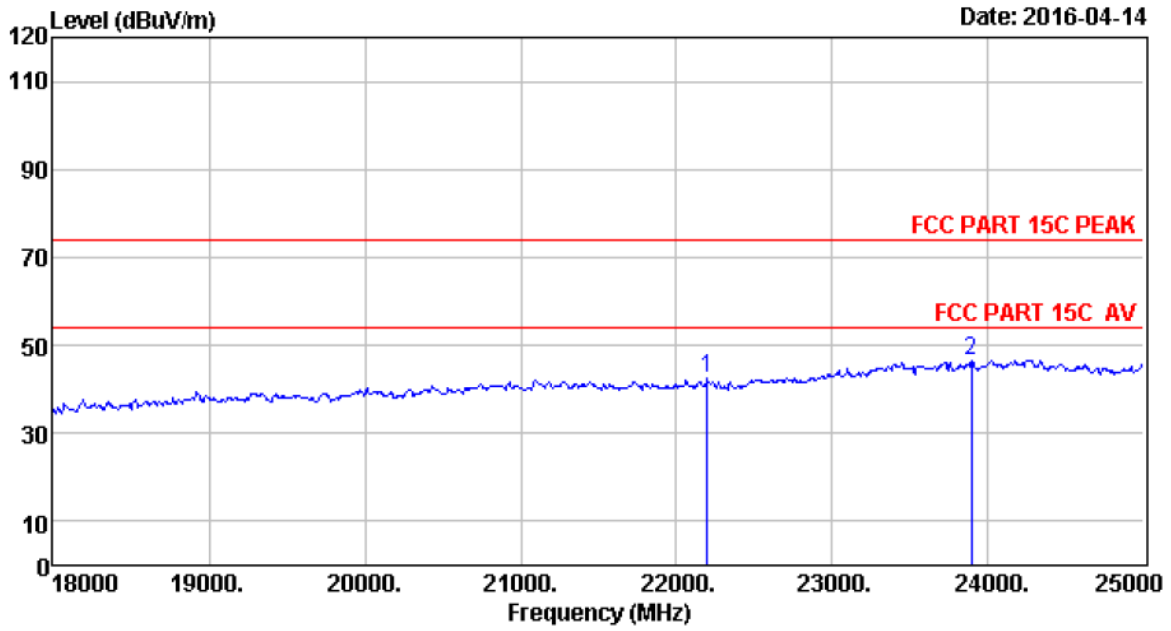
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 178  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2441MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 21115.00	46.22	20.18	11.79	42.50	74.00	31.50	Peak
2 23880.00	45.63	21.94	12.50	47.14	74.00	26.86	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

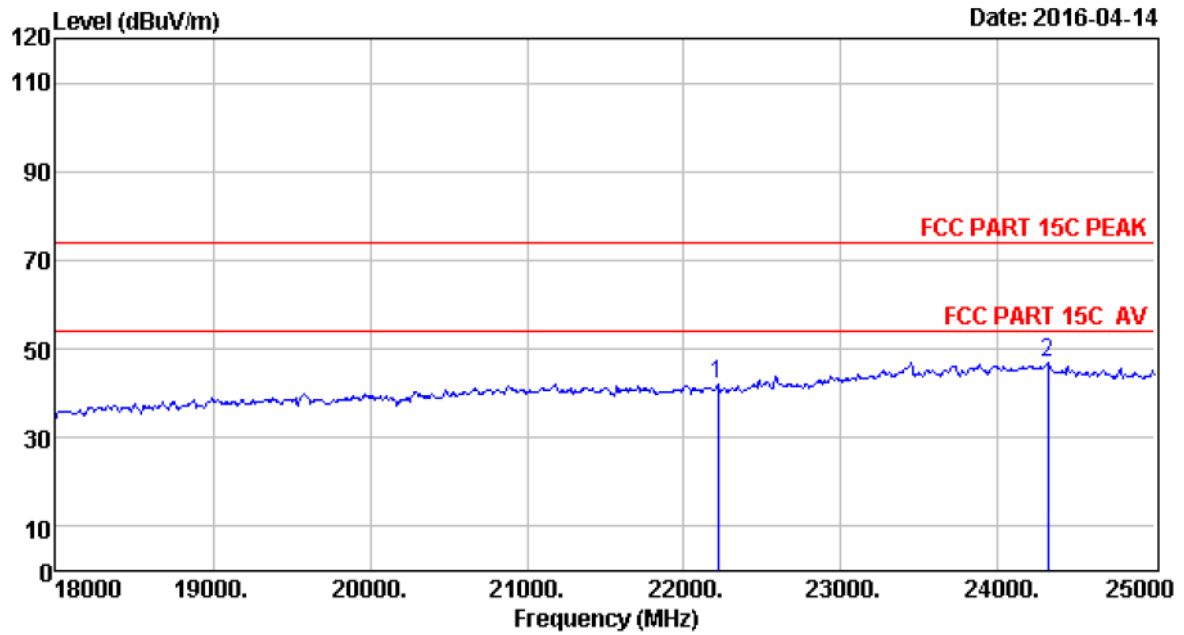


Site no. : 966 1# chamber Data no. : 179  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz

Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 22200.00	45.74	20.68	10.66	42.39	74.00	31.61	Peak
2 23894.00	45.62	21.95	11.99	46.66	74.00	27.34	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.





Site no. : 966 l# chamber Data no. : 180  
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	22214.00	45.74	20.69	10.13	41.90	74.00	32.10	Peak
2	24314.00	45.66	22.22	12.33	46.91	74.00	27.09	Peak

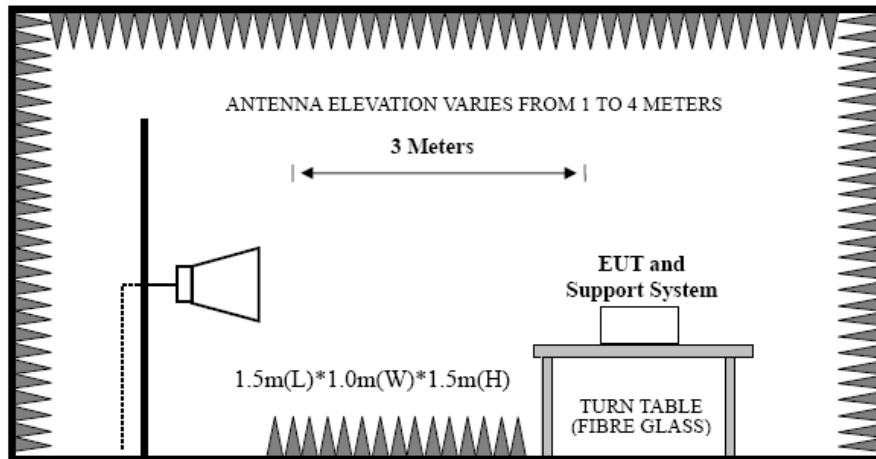
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

## 9. BAND EDGE COMPLIANCE

### 9.1. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

### 9.2. Block Diagram of Test setup



### 9.3. Test Procedure

EUT was placed on a turn table, which is 1.5 m high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of emissions

Peak : RBW = 1MHz, VBW = 1MHz, Detector=PEAK detector, Sweep time = auto.

AV : RBW = 1MHz, VBW = 10Hz, Detector=PEAK detector, Sweep time = auto.

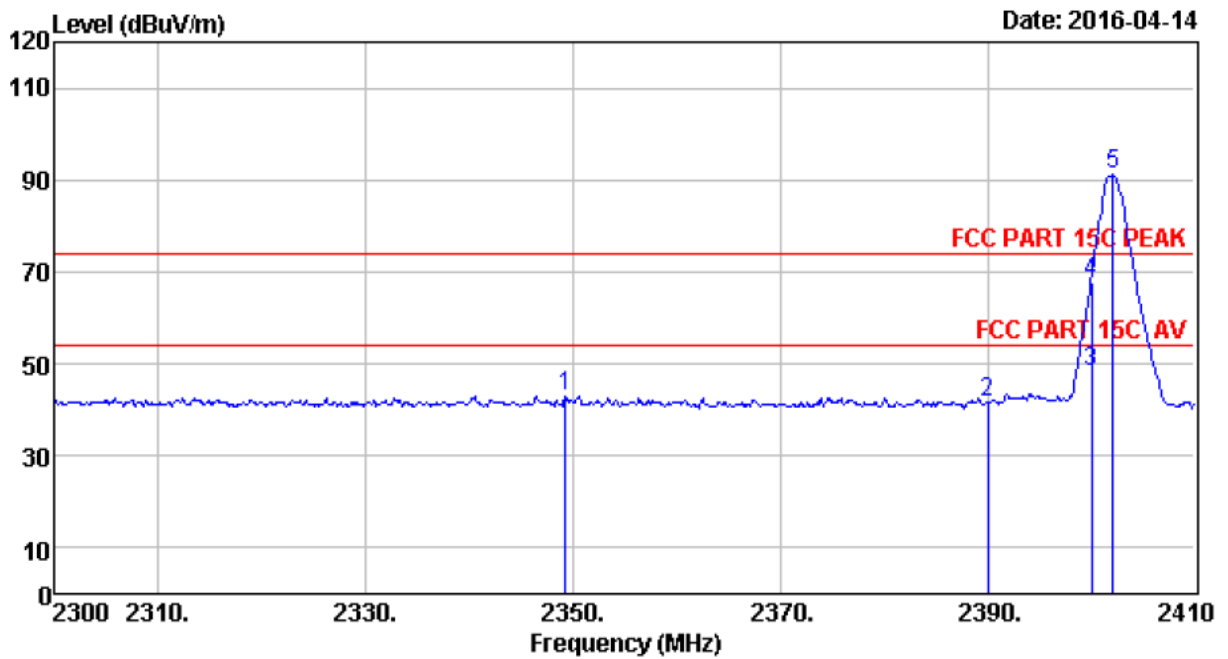
### 9.4. Test Result

EUT: Bluetooth Speaker
M/N: DS6
Power: DC 18V From Adapter Input AC 120V/60Hz
Test date: 2016-04-14 Test site: 3m Chamber Tested by: Tony Tang
Test mode: Tx Mode (Hopping On & No Hopping)
Pass

Note: 1、 For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

2、 The frequency 2402MHz 、2441MHz and 2480MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.

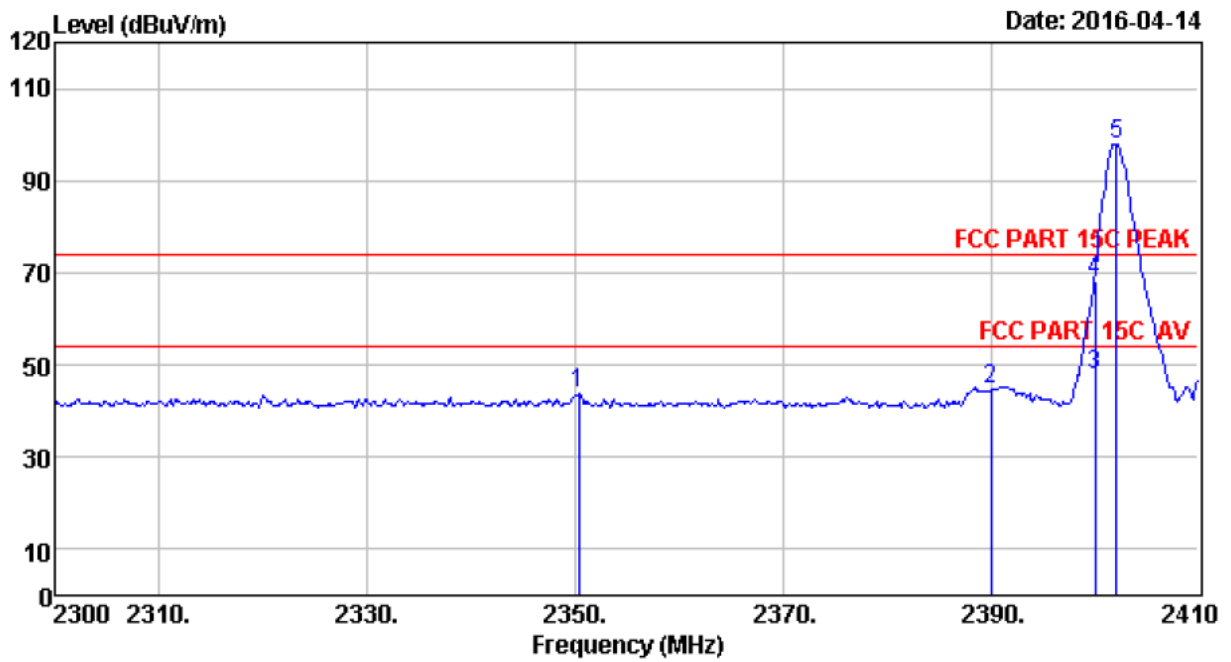
9.5. Test Data



Site no. : 966 1# chamber Data no. : 139  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2349.28	27.70	6.56	43.44	43.13	74.00	30.87	Peak
2	2390.00	27.64	6.62	42.05	41.69	74.00	32.31	Peak
3	2400.00	27.61	6.62	48.57	48.16	54.00	5.84	Average
4	2400.00	27.61	6.62	68.12	67.71	74.00	6.29	Peak
5	2402.08	27.61	6.62	91.44	91.03	74.00	-17.03	Peak

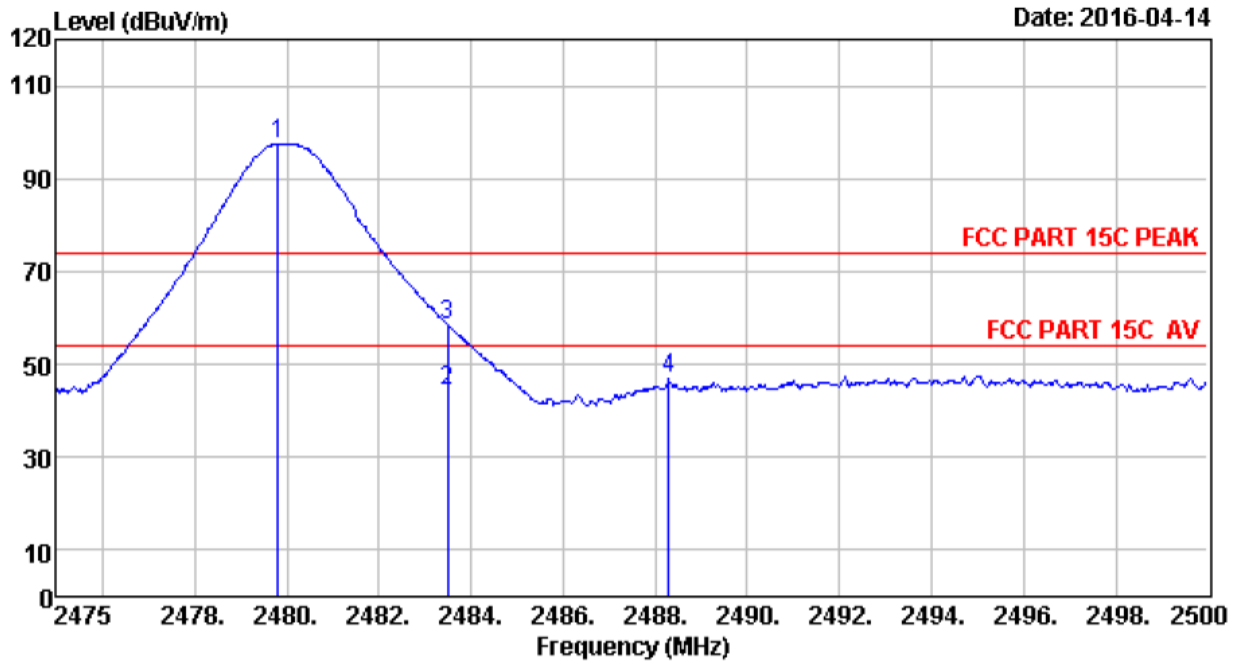
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 140  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2402MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2350.38	27.70	6.56	44.02	43.71	74.00	30.29	Peak
2	2390.00	27.64	6.62	45.11	44.75	74.00	29.25	Peak
3	2400.00	27.61	6.62	48.07	47.66	54.00	6.34	Average
4	2400.00	27.61	6.62	68.80	68.39	74.00	5.61	Peak
5	2402.08	27.61	6.62	98.29	97.88	74.00	-23.88	Peak

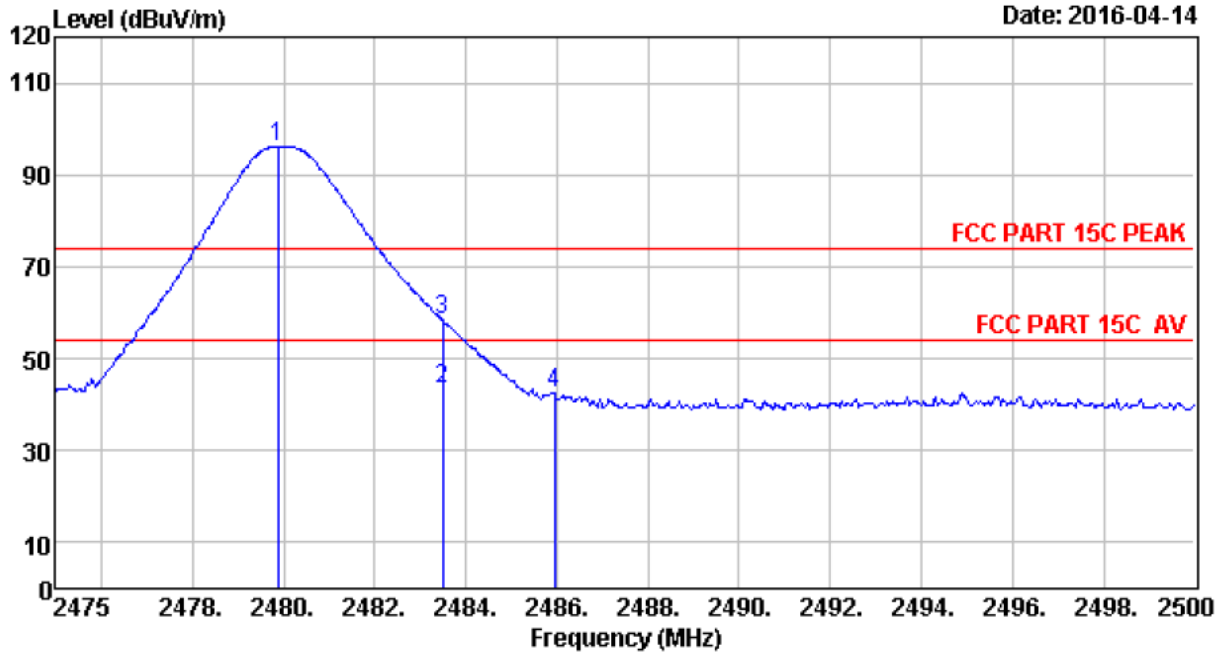
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : site Data no. : 141  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.80	27.58	6.71	98.33	97.51	74.00	-23.51	Peak
2	2483.50	27.58	6.71	45.06	44.24	54.00	9.76	Average
3	2483.50	27.58	6.71	59.29	58.47	74.00	15.53	Peak
4	2488.30	27.58	6.73	47.61	46.81	74.00	27.19	Peak

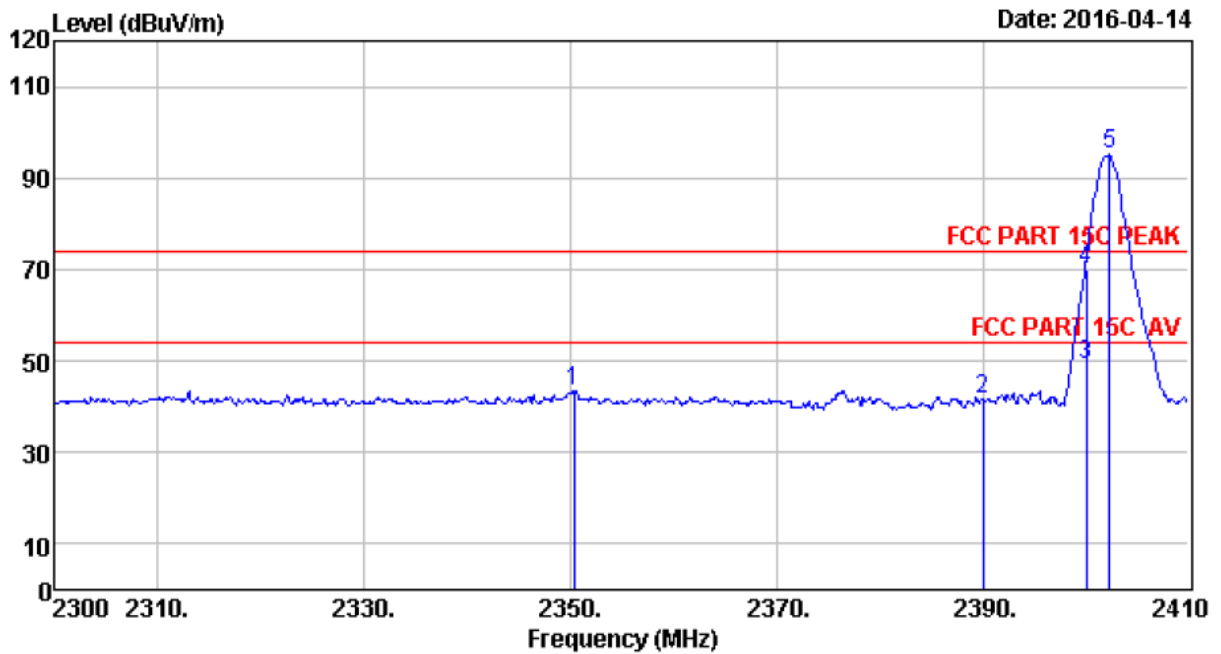
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 142  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : GFSK TX 2480MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.88	27.58	6.71	97.01	96.19	74.00	-22.19	Peak
2	2483.50	27.58	6.71	44.40	43.58	54.00	10.42	Average
3	2483.50	27.58	6.71	59.05	58.23	74.00	15.77	Peak
4	2485.95	27.58	6.71	43.35	42.53	74.00	31.47	Peak

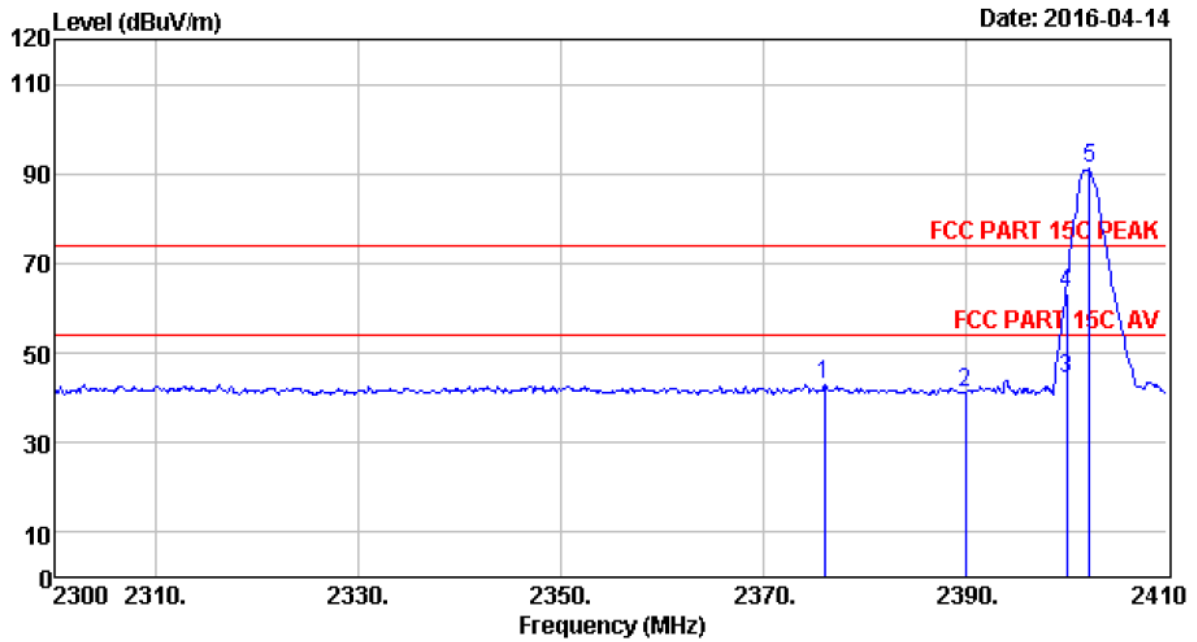
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber Data no. : 143  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : ( $\pi/4$ )DQPSK TX 2402MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2350.38	27.70	6.56	43.87	43.56	74.00	30.44	Peak
2	2390.00	27.64	6.62	41.76	41.40	74.00	32.60	Peak
3	2400.00	27.61	6.62	49.56	49.15	54.00	4.85	Average
4	2400.00	27.61	6.62	70.43	70.02	74.00	3.98	Peak
5	2402.30	27.61	6.62	95.43	95.02	74.00	-21.02	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

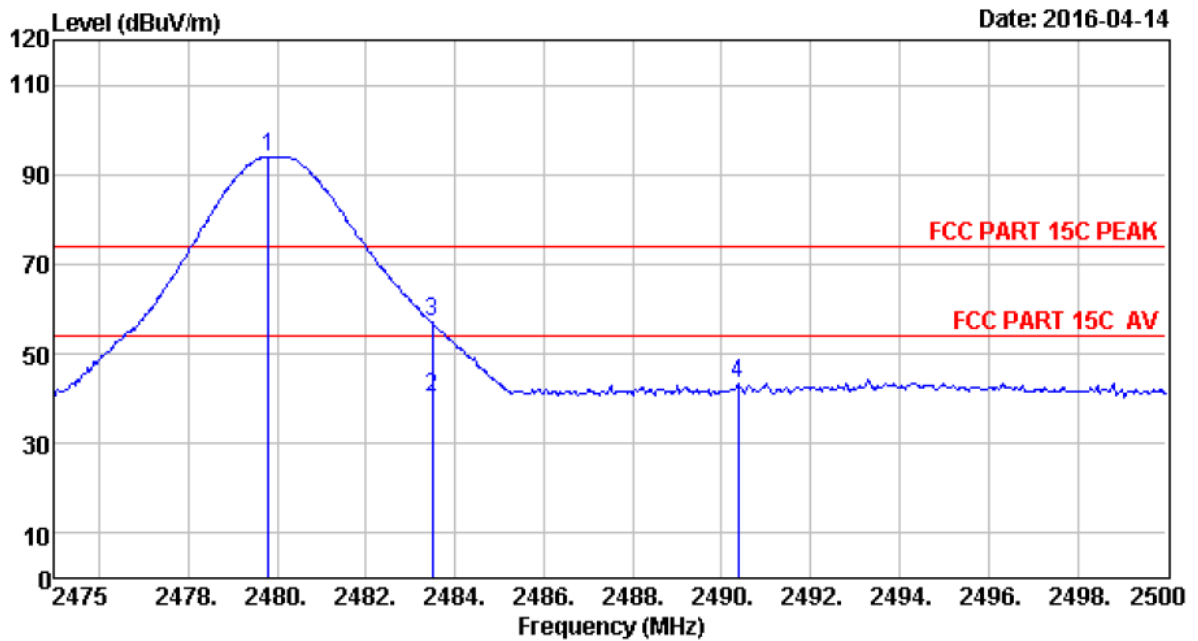


Site no. : 966 1# chamber Data no. : 144  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2402MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2376.12	27.64	6.60	43.31	42.96	74.00	31.04	Peak
2	2390.00	27.64	6.62	41.65	41.29	74.00	32.71	Peak
3	2400.00	27.61	6.62	44.58	44.17	54.00	9.83	Average
4	2400.00	27.61	6.62	63.65	63.24	74.00	10.76	Peak
5	2402.30	27.61	6.62	91.42	91.01	74.00	-17.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

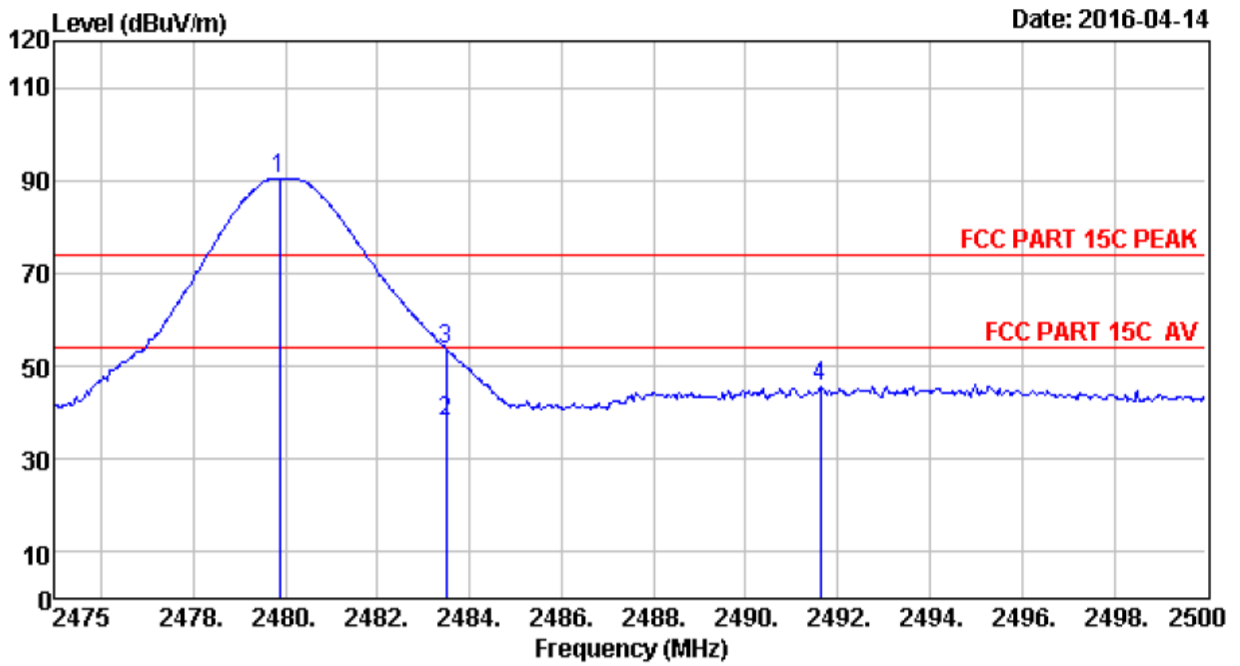




Site no. : 966 1# chamber Data no. : 145  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2480MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.80	27.58	6.71	94.86	94.04	74.00	-20.04	Peak
2	2483.50	27.58	6.71	41.06	40.24	54.00	13.76	Average
3	2483.50	27.58	6.71	57.77	56.95	74.00	17.05	Peak
4	2490.38	27.58	6.73	44.42	43.49	74.00	30.51	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 966 1# chamber                      Data no. : 146  
 Dis. / Ant. : 3m ANT 1-18G                      Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : Portable Bluetooth Speaker  
 Power : DC 18V Form Adapter Input AC 120V/60Hz  
 M/N : DS6  
 Test Mode : (π/4)DQPSK TX 2480MHz (No Hopping)

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.88	27.58	6.71	91.35	90.53	74.00	-16.53	Peak
2	2483.50	27.58	6.71	39.06	38.24	54.00	15.76	Average
3	2483.50	27.58	6.71	54.52	53.70	74.00	20.30	Peak
4	2491.63	27.58	6.73	46.75	45.82	74.00	28.18	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.