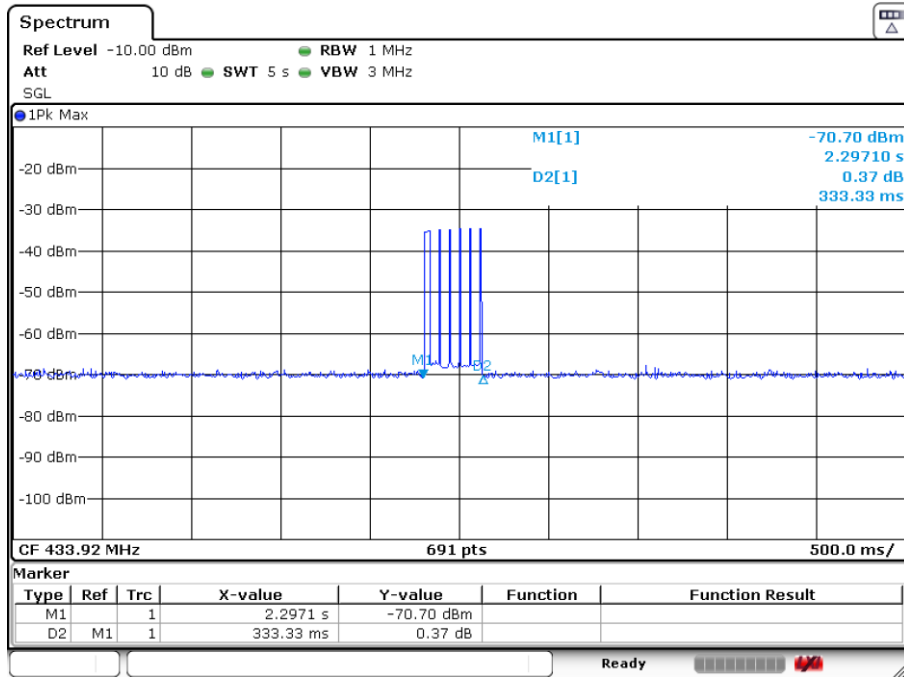


Appendix A: Test Results

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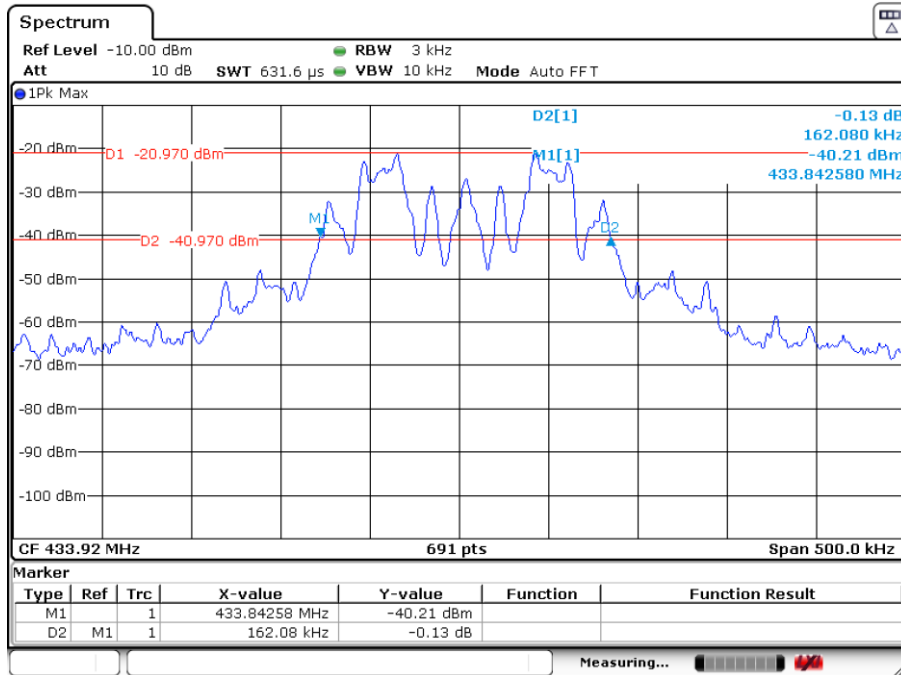
Appendix A.1: Test Results of Deactivation of the Transmission

Test Frequency (MHz)	On Time (s)	Limit (s)	Result
433.92	0.333	5	Pass



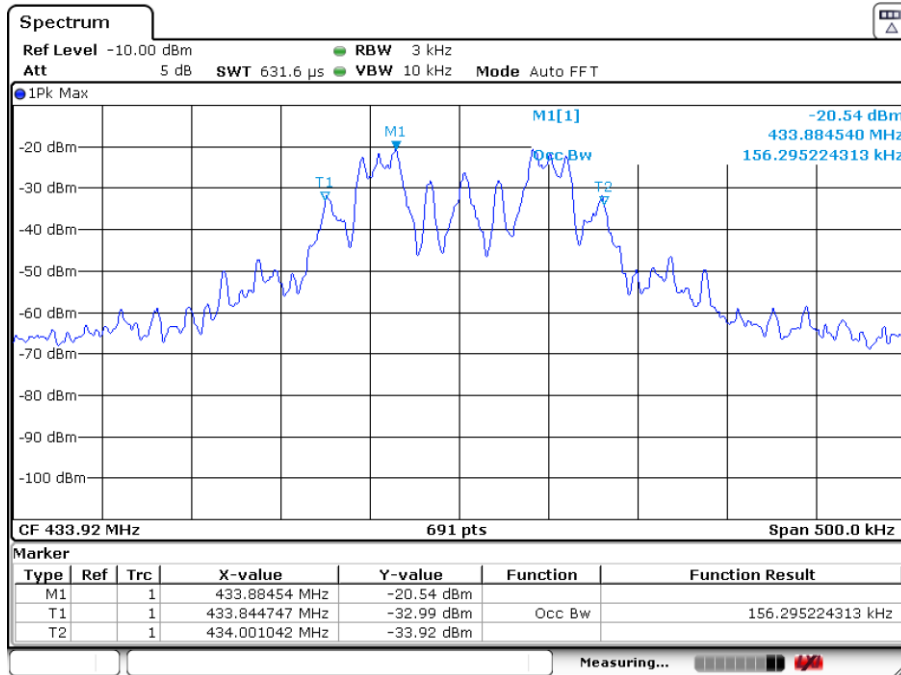
Appendix A.2: Test Results of 20dB Bandwidth

Test Frequency (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Result
433.92	0.1621	1.0848	Pass



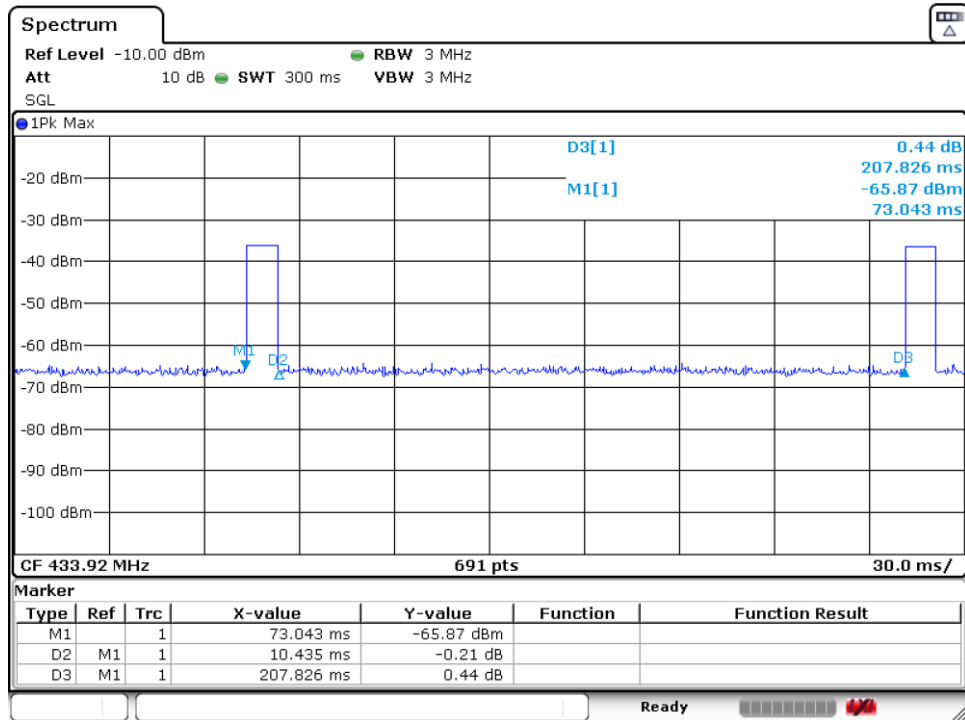
Appendix A.3: Test Results of 99% Bandwidth

Operation Frequency (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
433.92	0.1563	1.0848	Pass



Appendix A.4: Test Results of Field Strength of Fundamental and Unwanted Emissions in the Spurious Domain

Duty Cycle



Duty Cycle							
ton 1(ms)	NBurst 1	ton 2(ms)	NBurst 2	ton 3(ms)	NBurst 3	ton 4(ms)	NBurst 4
10.44	1	0.00	0	0.00	0	0.00	0
Test Frequency (MHz)	On Time (ms)	Total Time (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)			
433.92	10.44	100.00	10.44	-19.63			

Field strength of fundamental

Field strength of fundamental						
Frequency (MHz)	Field Strength of Fundamental Level (dB μ V/m)		Limit (dB μ V/m)		Result	Antenna Pole (H/V)
	Peak	Avg	Peak	Avg		
433.92	73.80	54.17	100.83	80.83	Pass	V
	92.02	72.39			Pass	H

Radiated Spurious Emissions

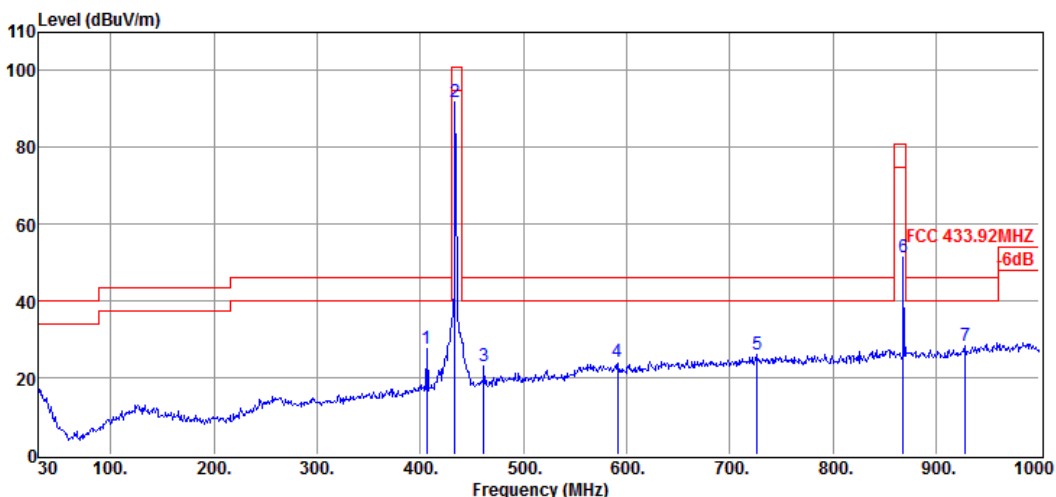
Below 1GHz						
Frequency (MHz)	Field strength of spurious emissions (dB μ V/m)		Limit (dB μ V/m)		Result	Antenna Pole (H/V)
	Peak	Avg	Peak	Avg		
417.03	22.14	2.51	66.00	46.00	Pass	V
563.50	24.84	5.21	66.00	46.00	Pass	V
614.91	25.36	5.73	66.00	46.00	Pass	V
750.71	27.35	7.72	66.00	46.00	Pass	V
868.08	41.29	21.66	80.83	60.83	Pass	V
931.13	28.61	8.98	66.00	46.00	Pass	V
406.36	27.62	7.99	66.00	46.00	Pass	H
461.65	22.98	3.35	66.00	46.00	Pass	H
591.63	24.33	4.70	66.00	46.00	Pass	H
726.46	26.20	6.57	66.00	46.00	Pass	H
868.08	51.60	31.97	80.83	60.83	Pass	H
928.22	28.44	8.81	66.00	46.00	Pass	H

Above 1GHz						
Frequency (MHz)	Field strength of spurious emissions (dB μ V/m)		Limit (dB μ V/m)		Result	Antenna Pole (H/V)
	Peak	Avg	Peak	Avg		
3470.00	60.44	40.81	74	54	Pass	V
3905.00	59.90	40.27			Pass	V
4340.00	60.60	40.97			Pass	V
4775.00	61.11	41.48			Pass	V
5210.00	60.67	41.04			Pass	V
5640.00	61.96	42.33			Pass	V
3470.00	59.77	40.14			Pass	H
3905.00	58.31	38.68			Pass	H
4340.00	53.42	33.79			Pass	H
4775.00	57.84	38.21			Pass	H
5205.00	66.87	47.24			Pass	H
5640.00	63.63	44.00			Pass	H

Test Graph
 Note: The highest waveform in the figure is 433MHz Fundamental.

Radiated Emission Test Result

Test Site	: 1# 966 Chamber	Tested By	: Ted
Test Date	: 2024-08-15	Model Number	: HF3758R35
EUT	: KEY FOB	Test Mode	: TX 433.92MHz
Power Supply	: DC 3V	Antenna Pol.	: HORIZONTAL
Condition	: Temp:22.4°C;Humi:57%; Press:101.1kPa		

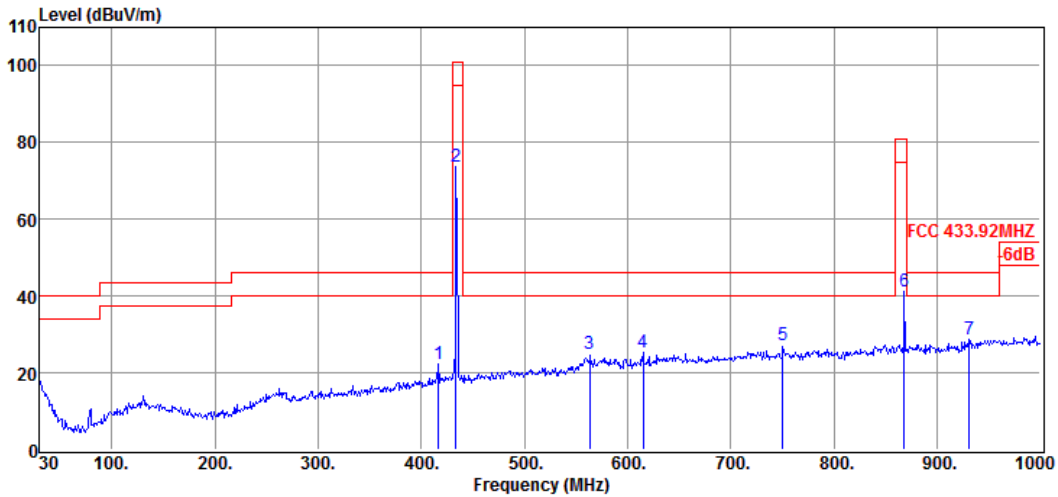


Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenn a Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	406.360	8.42	16.14	3.06	27.62	46.00	-18.38	Peak	HORIZONTAL
2	433.920	71.94	16.90	3.18	92.02	100.80	-8.78	433.92 TX	HORIZONTAL
3	461.650	2.23	17.46	3.29	22.98	46.00	-23.02	Peak	HORIZONTAL
4	591.630	0.80	19.73	3.80	24.33	46.00	-21.67	Peak	HORIZONTAL
5	726.460	0.63	21.30	4.27	26.20	46.00	-19.80	Peak	HORIZONTAL
6	868.080	24.12	22.74	4.74	51.60	80.83	-29.23	Peak	HORIZONTAL
7	928.220	0.03	23.48	4.93	28.44	46.00	-17.56	Peak	HORIZONTAL

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

Radiated Emission Test Result

Test Site	: 1# 966 Chamber	Tested By	: Ted
Test Date	: 2024-08-15	Model Number	: HF3758R35
EUT	: KEY FOB	Test Mode	: TX 433.92MHz
Power Supply	: DC 3V	Antenna Pol.	: VERTICAL
Condition	: Temp:22.4°C;Humi:57%; Press:101.1kPa		

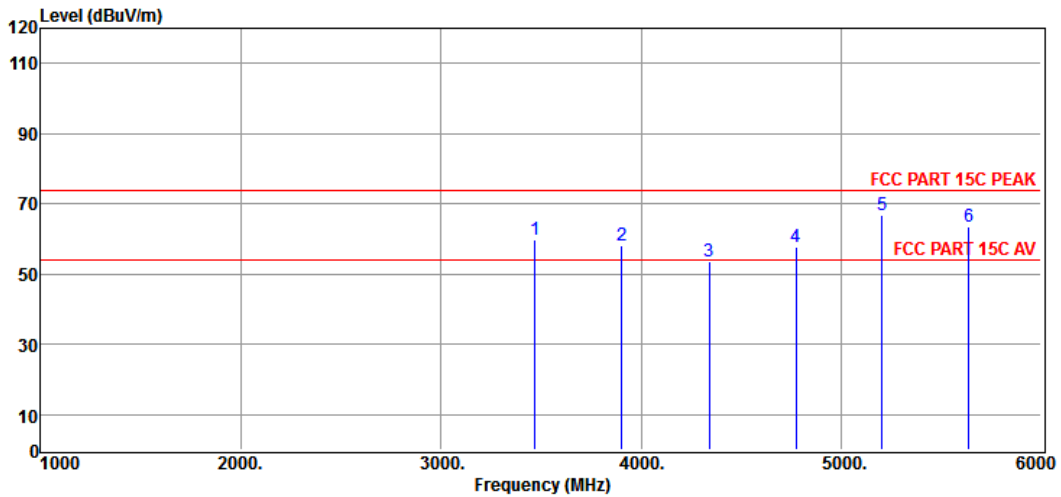


Item (Mark)	Freq (MHz)	Read Level (dBuV)	Antenn a Factor (dB/m)	Cable Loss dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	417.030	2.17	16.86	3.11	22.14	46.00	-23.86	Peak	VERTICAL
2	433.920	53.72	16.90	3.18	73.80	100.80	-27.00	433.92 TX	VERTICAL
3	563.500	0.83	20.32	3.69	24.84	46.00	-21.16	Peak	VERTICAL
4	614.910	1.38	20.10	3.88	25.36	46.00	-20.64	Peak	VERTICAL
5	750.710	0.89	22.10	4.36	27.35	46.00	-18.65	Peak	VERTICAL
6	868.080	13.81	22.74	4.74	41.29	80.83	-39.54	Peak	VERTICAL
7	931.130	0.03	23.64	4.94	28.61	46.00	-17.39	Peak	VERTICAL

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

Radiated Emission Test Result

Test Site	: 1# 966 Chamber	Tested By	: ZQL
Test Date	: 2024-08-14	Model Number	: HF3758R35
EUT	: KEY FOB	Test Mode	: TX 433.92MHz
Power Supply	: DC 3V	Antenna Pol.	: HORIZONTAL
Condition	: Temp:23.4°C.Humi:59%; Press:101.1KPa		

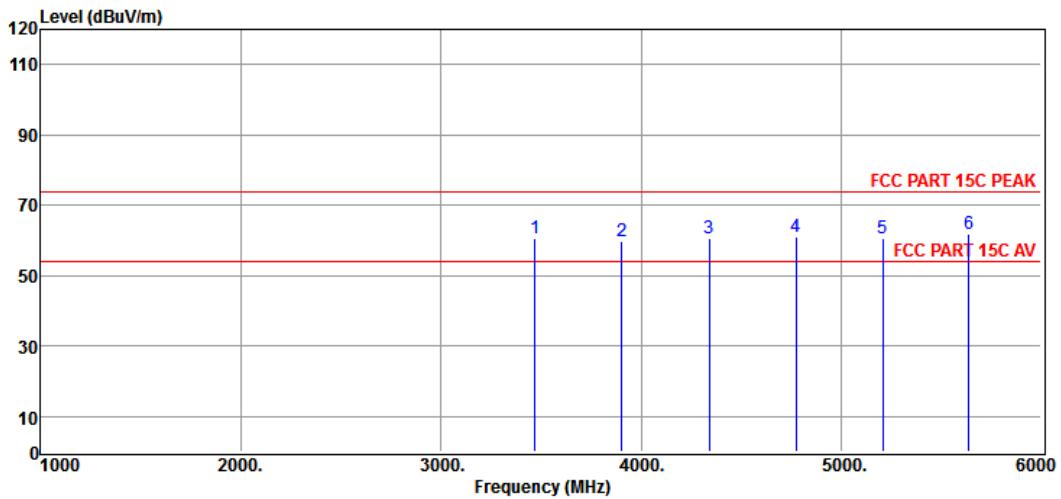


Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	3470.000	26.01	29.17	4.59	59.77	74.00	-14.23	Peak	HORIZONTAL
2	3905.000	23.30	30.40	4.61	58.31	74.00	-15.69	Peak	HORIZONTAL
3	4340.000	17.41	31.20	4.81	53.42	74.00	-20.58	Peak	HORIZONTAL
4	4775.000	20.76	32.03	5.05	57.84	74.00	-16.16	Peak	HORIZONTAL
5	5205.000	29.16	32.40	5.31	66.87	74.00	-7.13	Peak	HORIZONTAL
6	5640.000	25.59	32.43	5.61	63.63	74.00	-10.37	Peak	HORIZONTAL

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

Radiated Emission Test Result

Test Site : 1# 966 Chamber
Test Date : 2024-08-14
EUT : KEY FOB
Power Supply : DC 3V
Condition : Temp:23.4°C.Humi:59%;
 Press:101.1KPa
Tested By : ZQL
Model Number : HF3758R35
Test Mode : TX 433.92MHz
Antenna Pol. : VERTICAL



Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	3470.000	26.68	29.17	4.59	60.44	74.00	-13.56	Peak	VERTICAL
2	3905.000	24.89	30.40	4.61	59.90	74.00	-14.10	Peak	VERTICAL
3	4340.000	24.59	31.20	4.81	60.60	74.00	-13.40	Peak	VERTICAL
4	4775.000	24.03	32.03	5.05	61.11	74.00	-12.89	Peak	VERTICAL
5	5210.000	23.15	32.20	5.32	60.67	74.00	-13.33	Peak	VERTICAL
6	5640.000	23.92	32.43	5.61	61.96	74.00	-12.04	Peak	VERTICAL

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