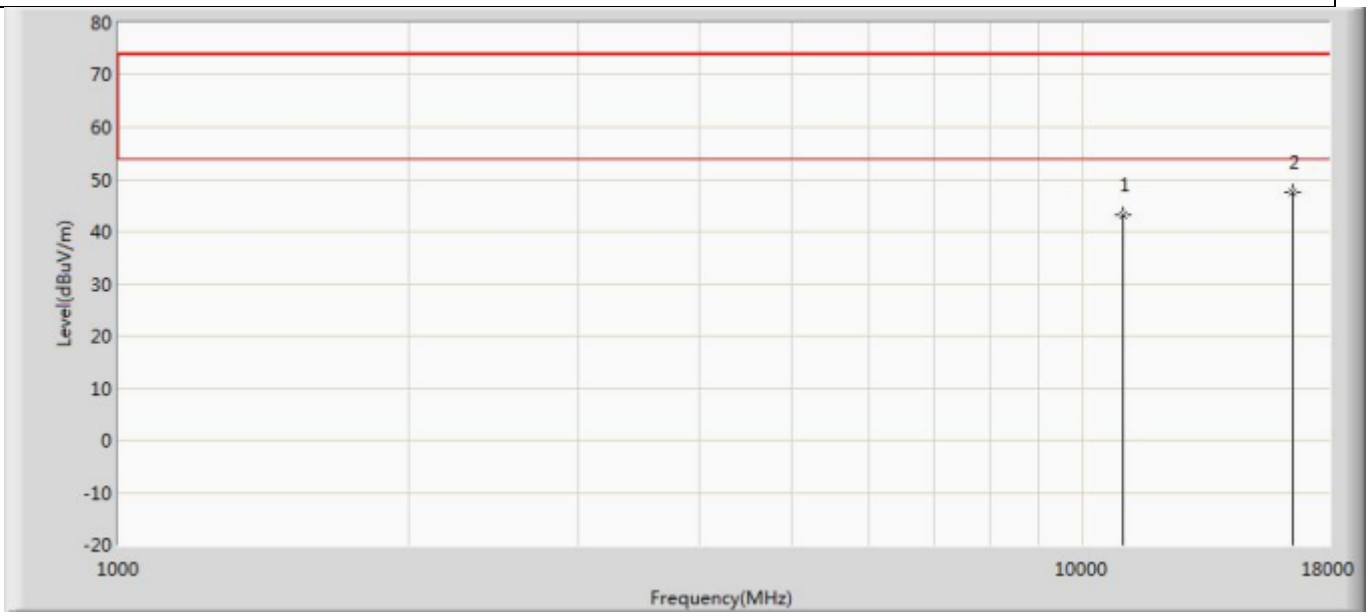
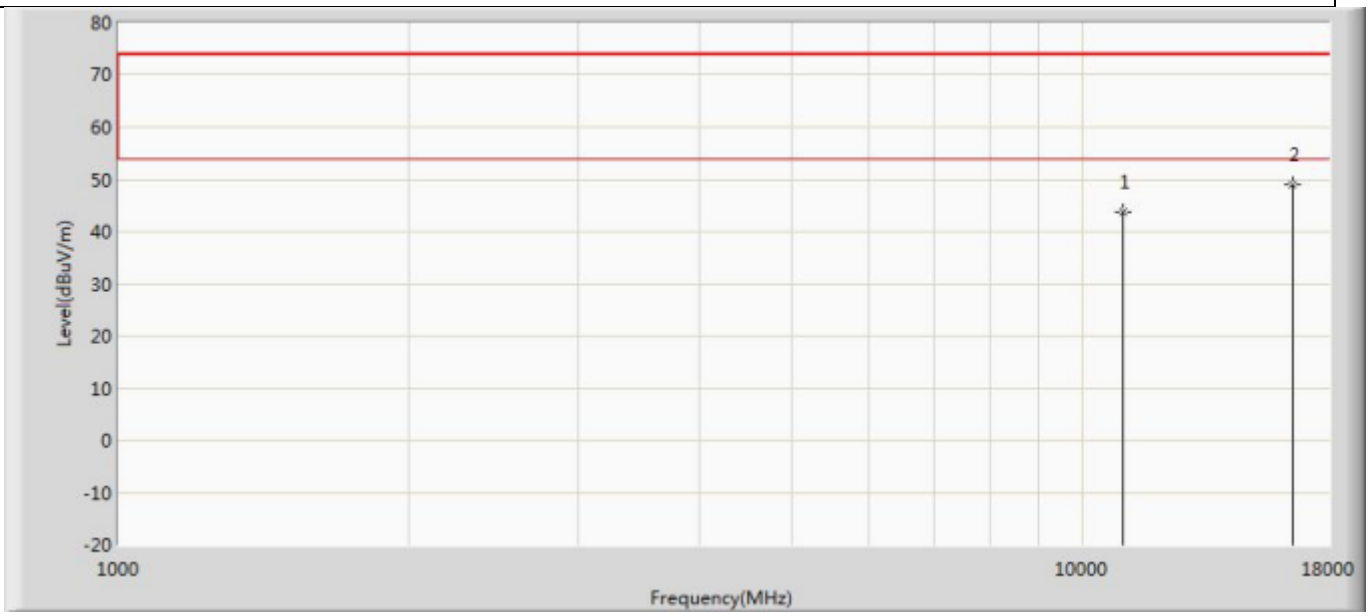
Profile: 2260325R	Page No.: 217
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



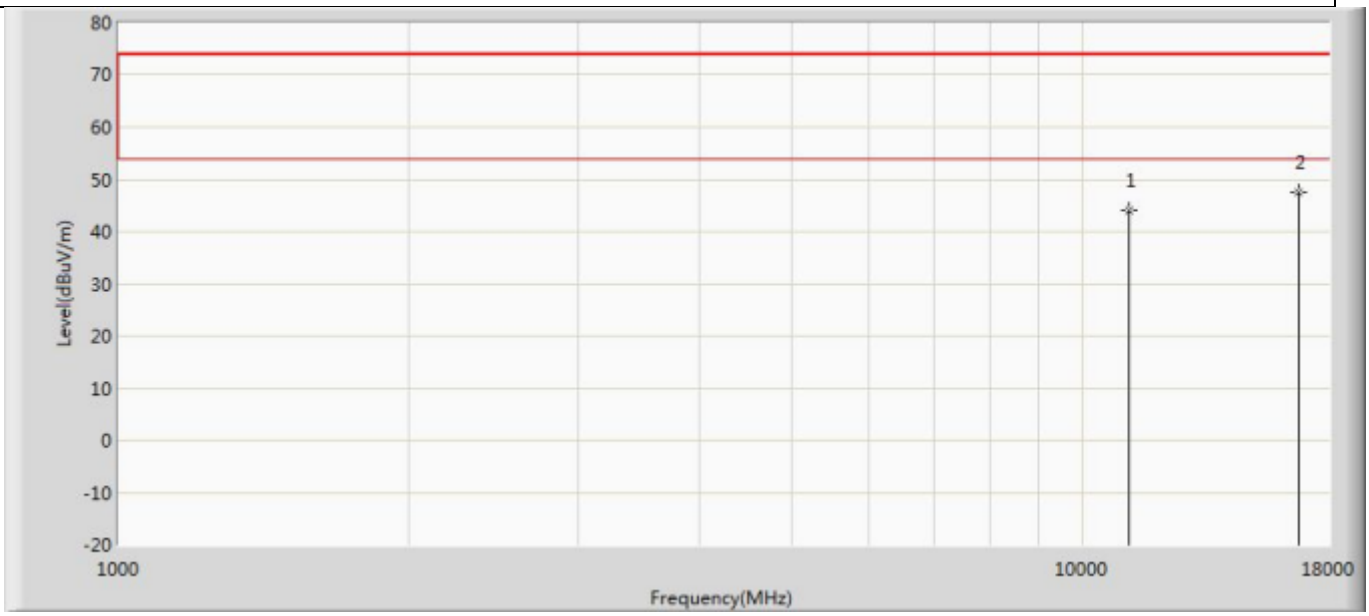
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	43.249	46.429	-30.751	74.000	-3.180	PK
2	*	16530.000	47.430	44.378	-26.570	74.000	3.051	PK

Profile: 2260325R	Page No.: 218
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



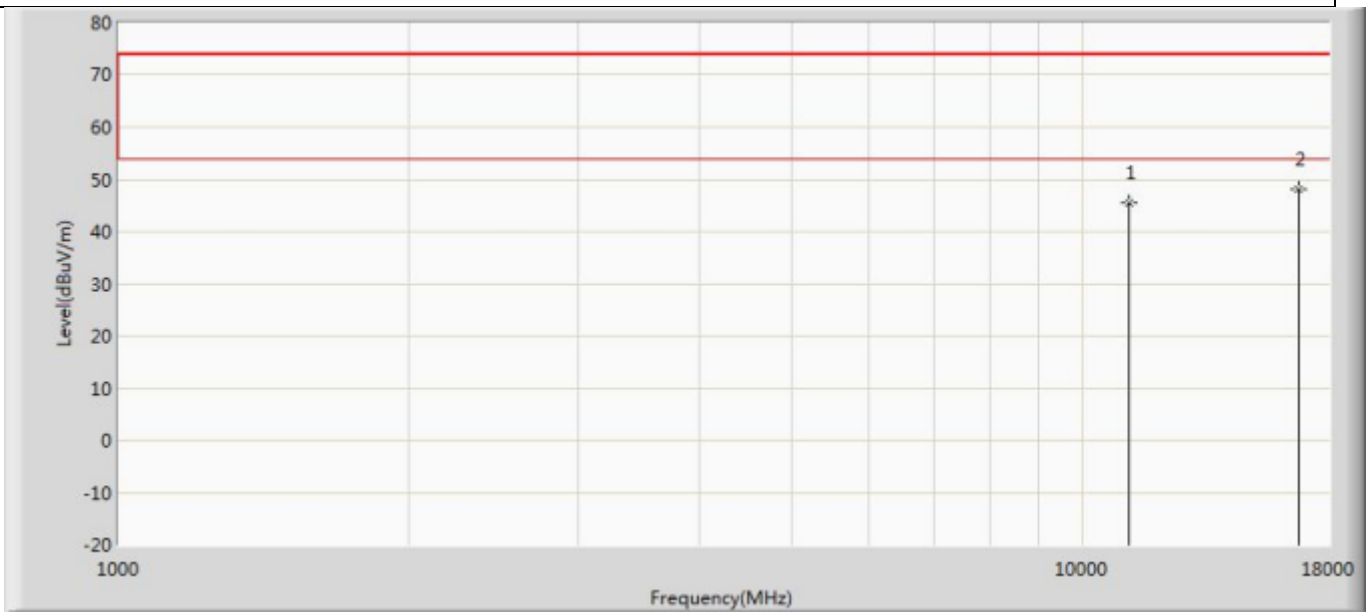
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	43.786	46.966	-30.214	74.000	-3.180	PK
2	*	16530.000	48.933	45.881	-25.067	74.000	3.051	PK

Profile: 2260325R	Page No.: 219
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5590MHz by 11ac40	



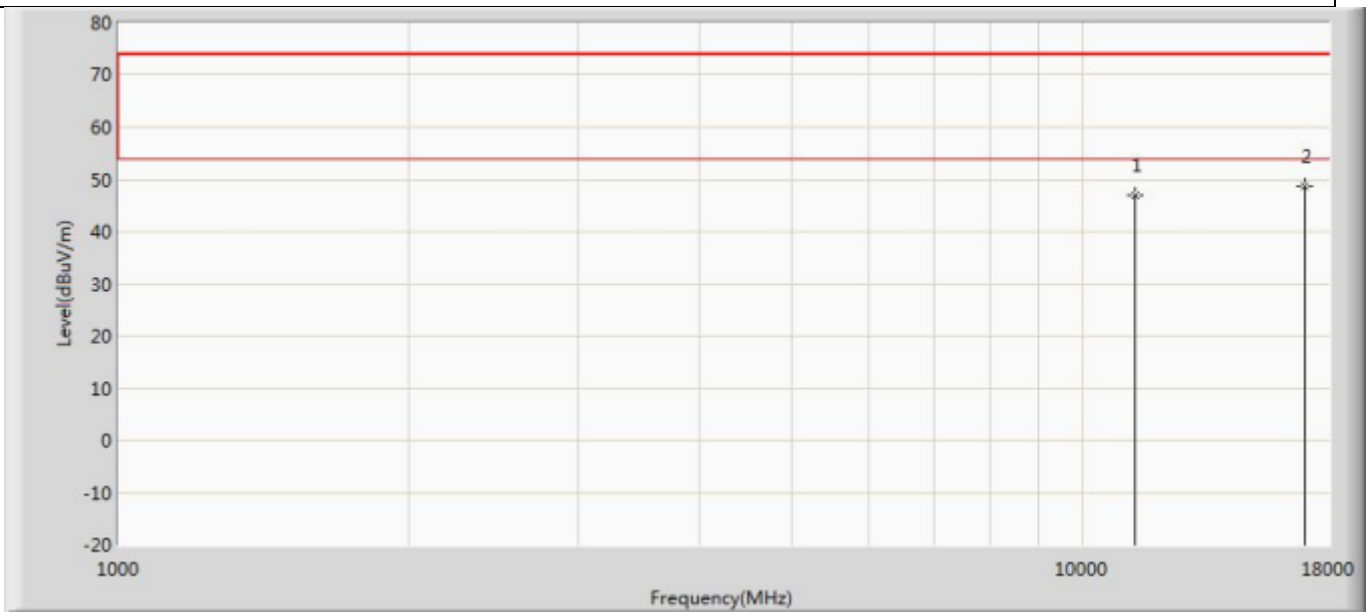
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11180.000	44.189	46.730	-29.811	74.000	-2.542	PK
2	*	16770.000	47.528	45.175	-26.472	74.000	2.352	PK

Profile: 2260325R	Page No.: 220
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5590MHz by 11ac40	



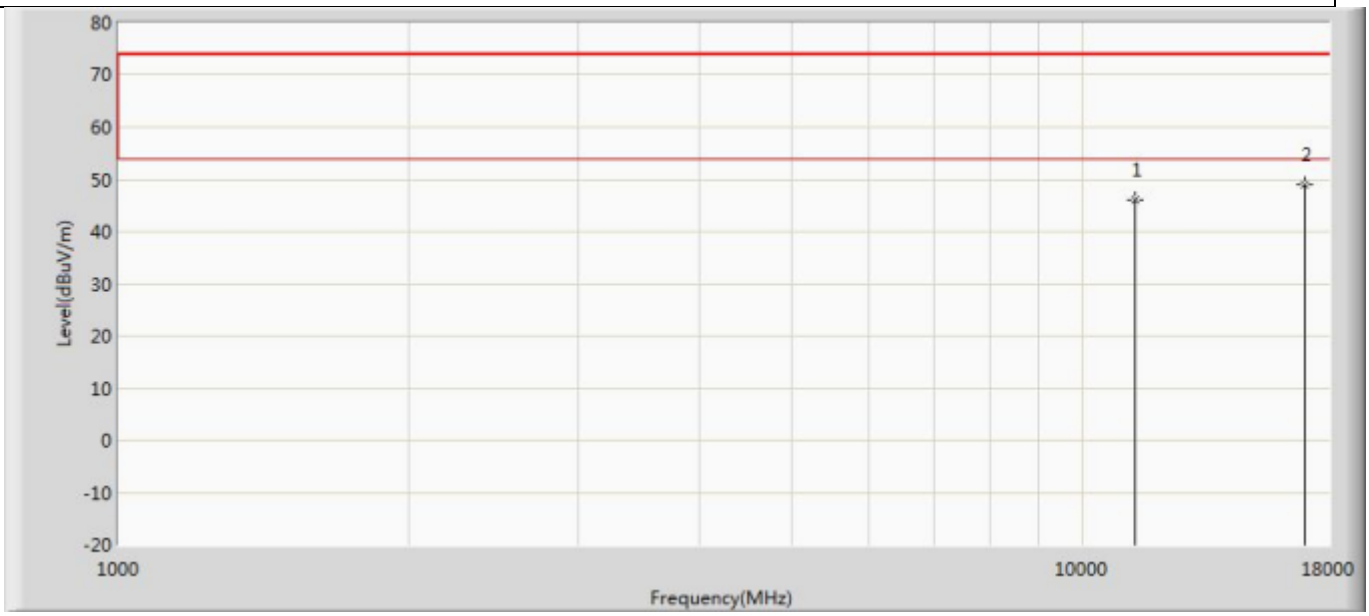
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11180.000	45.641	48.182	-28.359	74.000	-2.542	PK
2	*	16770.000	48.173	45.820	-25.827	74.000	2.352	PK

Profile: 2260325R	Page No.: 221
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5670MHz by 11ac40	



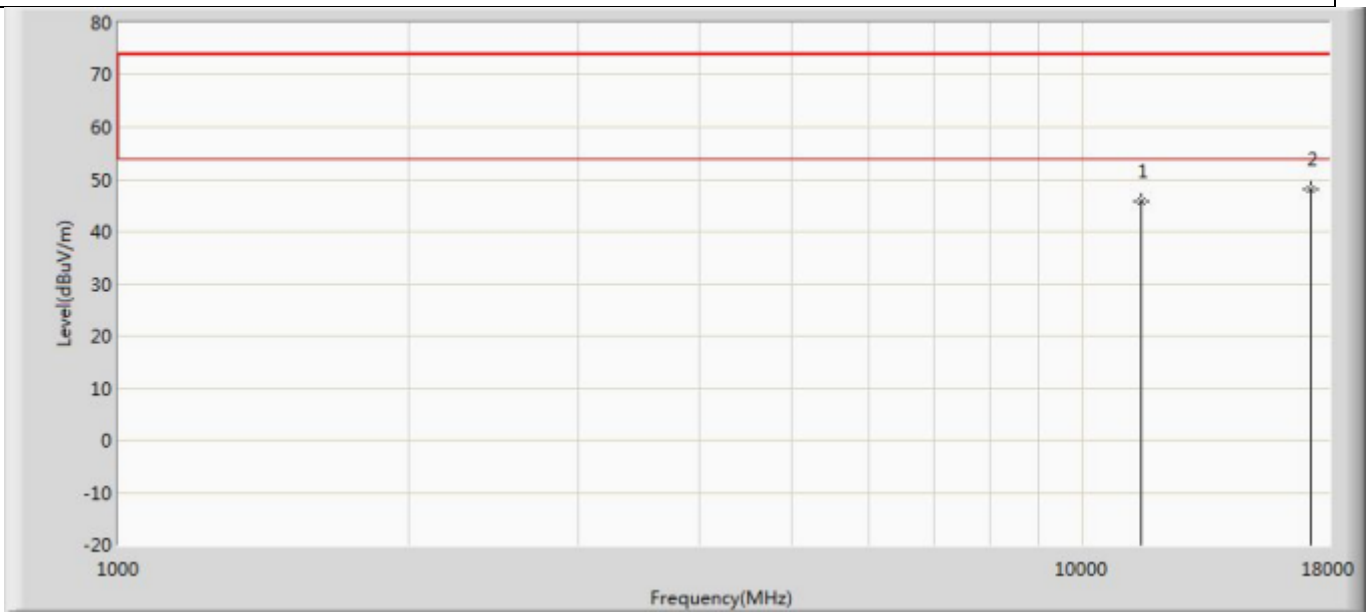
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	47.075	47.840	-26.925	74.000	-0.764	PK
2	*	17010.000	48.813	46.012	-25.187	74.000	2.801	PK

Profile: 2260325R	Page No.: 222
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5670MHz by 11ac40	



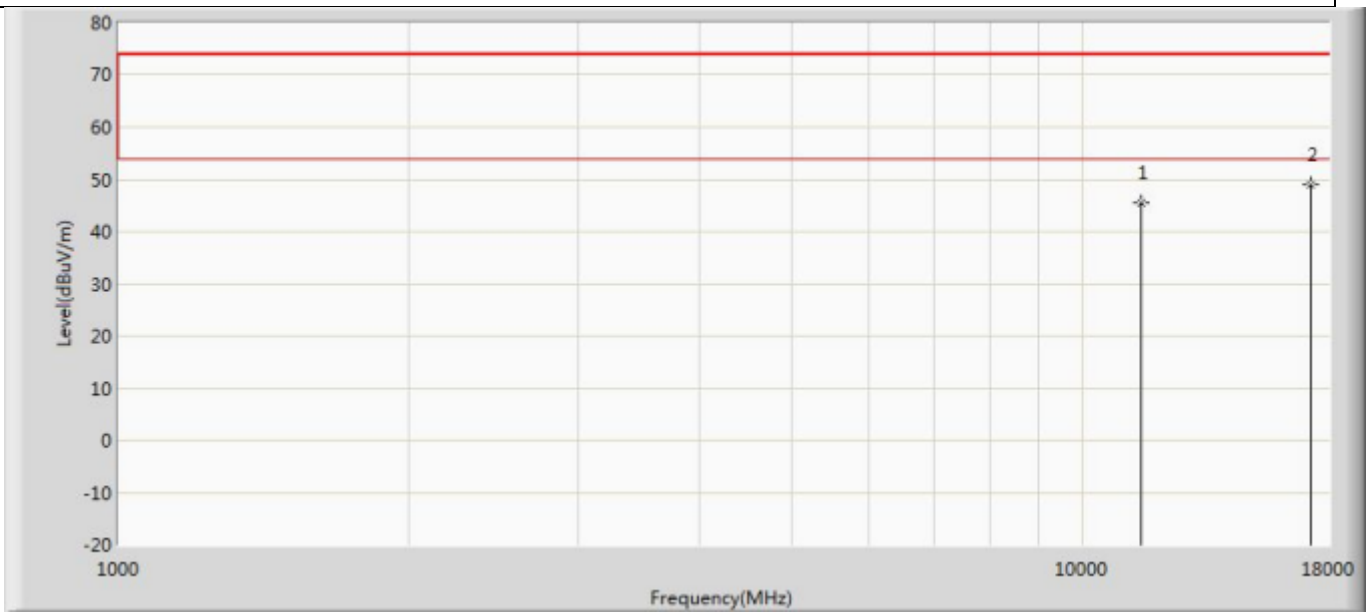
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.231	46.996	-27.769	74.000	-0.764	PK
2	*	17010.000	49.121	46.320	-24.879	74.000	2.801	PK

Profile: 2260325R	Page No.: 223
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5755MHz by 11ac40	



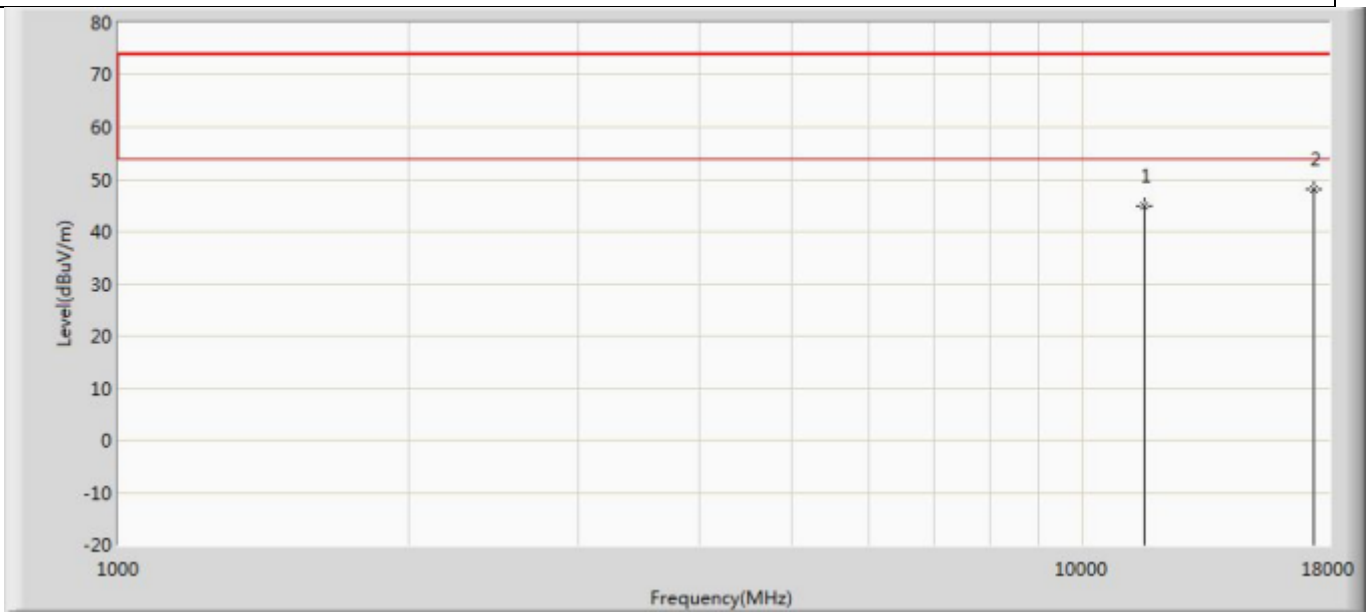
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	45.687	47.706	-28.313	74.000	-2.019	PK
2	*	17265.000	48.126	45.220	-25.874	74.000	2.905	PK

Profile: 2260325R	Page No.: 224
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5755MHz by 11ac40	



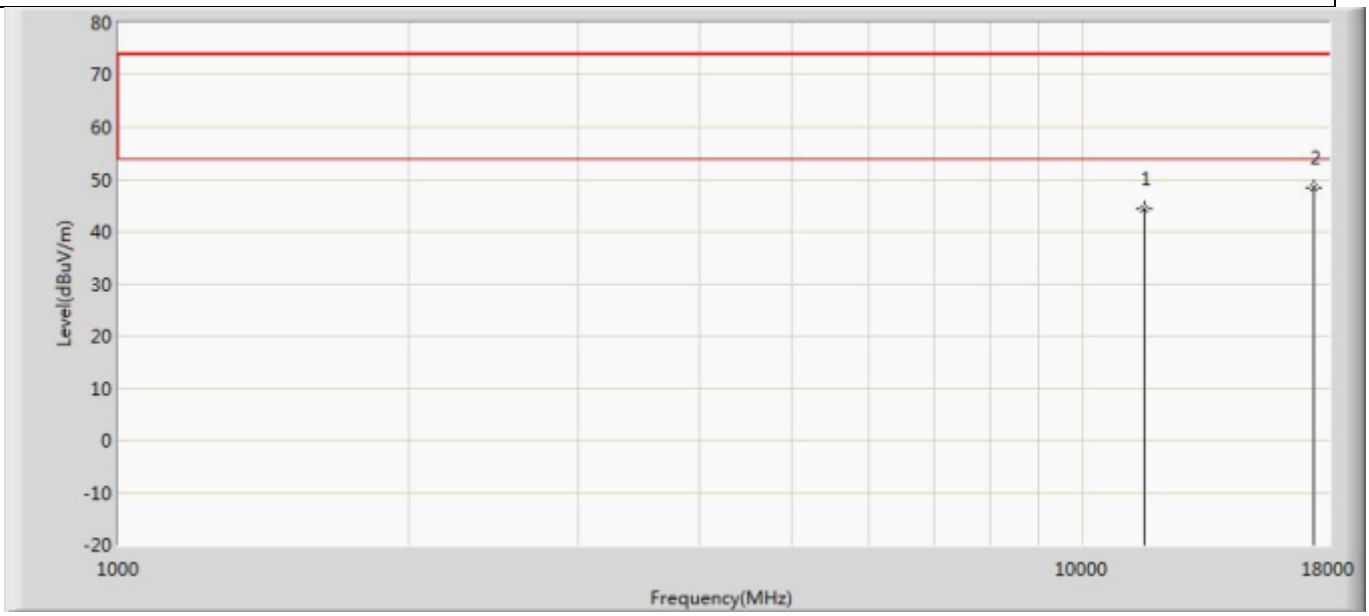
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	45.628	47.647	-28.372	74.000	-2.019	PK
2	*	17265.000	48.930	46.024	-25.070	74.000	2.905	PK

Profile: 2260325R	Page No.: 225
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5795MHz by 11ac40	



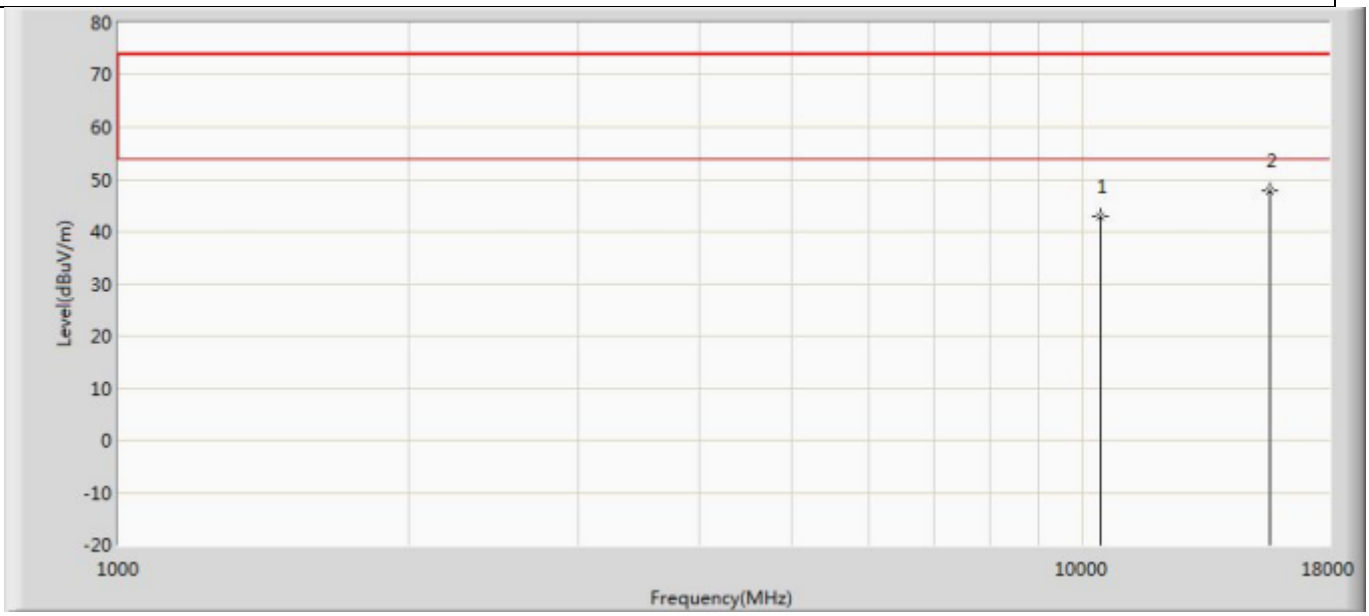
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.837	47.012	-29.163	74.000	-2.174	PK
2	*	17385.000	48.054	44.964	-25.946	74.000	3.090	PK

Profile: 2260325R	Page No.: 226
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5795MHz by 11ac40	



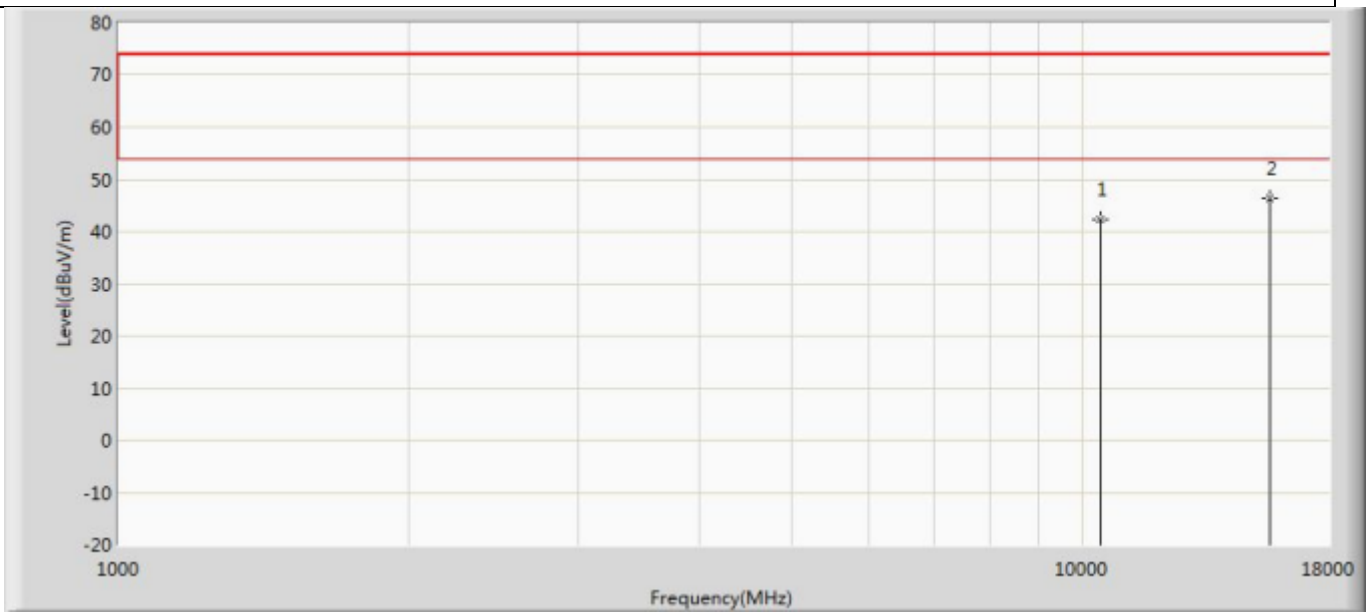
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.208	46.383	-29.792	74.000	-2.174	PK
2	*	17385.000	48.353	45.263	-25.647	74.000	3.090	PK

Profile: 2260325R	Page No.: 227
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



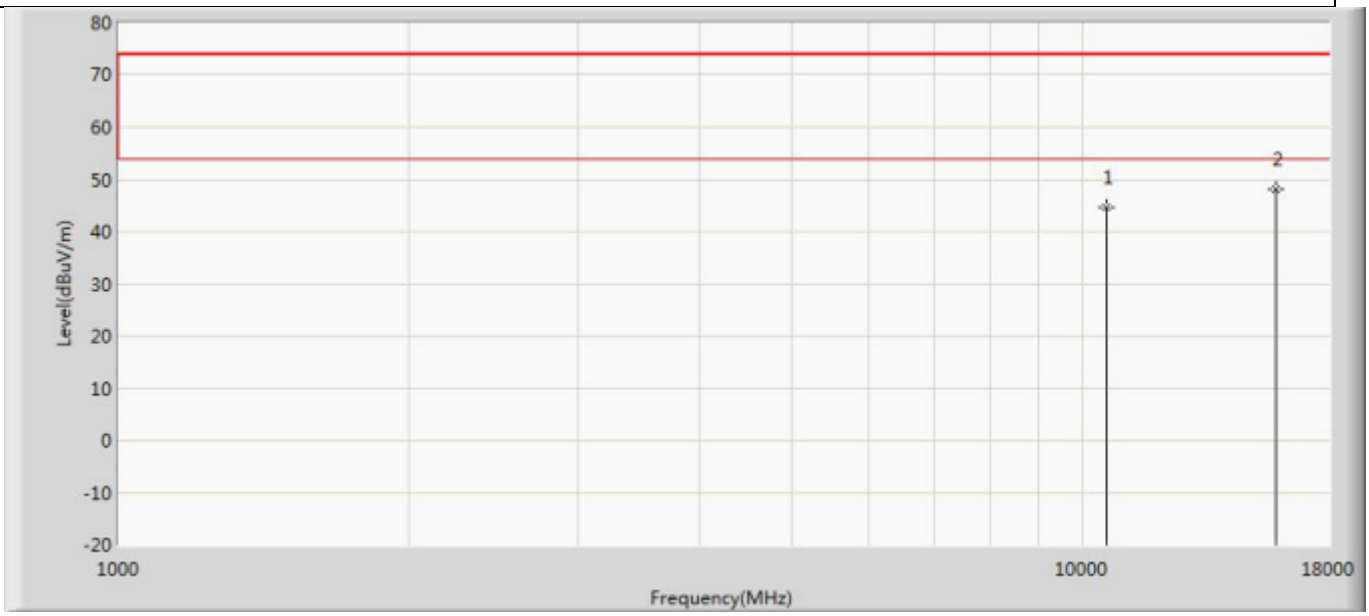
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	42.786	47.350	-31.214	74.000	-4.564	PK
2	*	15630.000	47.880	46.384	-26.120	74.000	1.496	PK

Profile: 2260325R	Page No.: 228
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



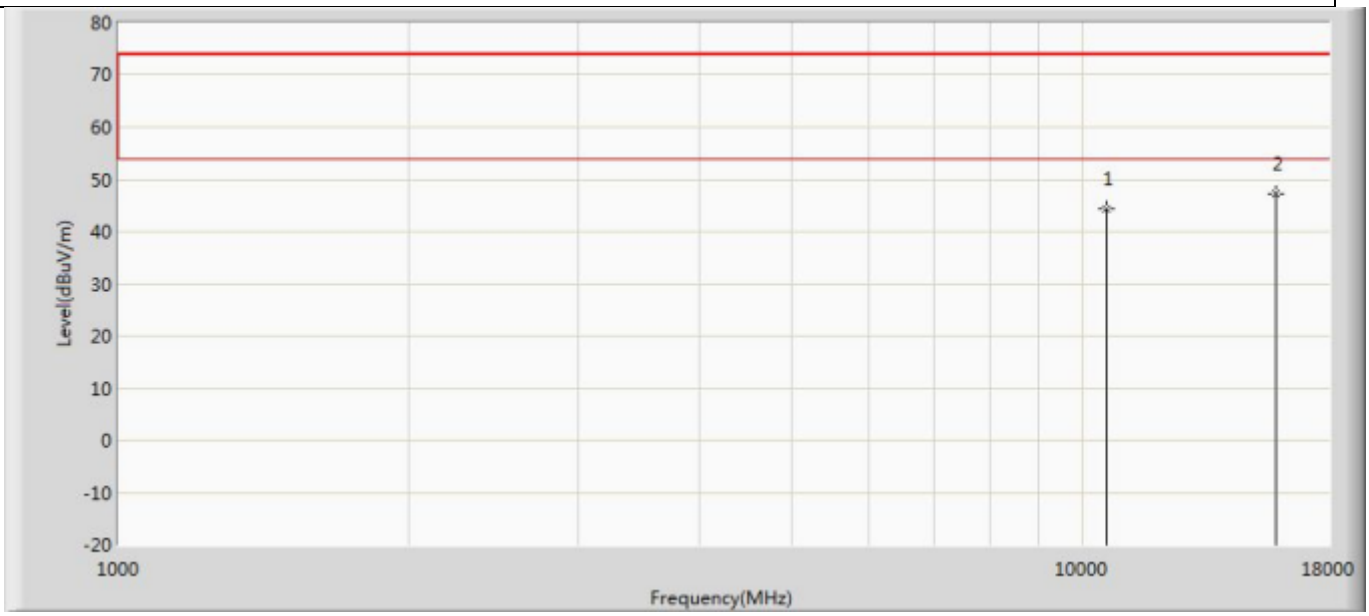
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	42.268	46.832	-31.732	74.000	-4.564	PK
2	*	15630.000	46.237	44.741	-27.763	74.000	1.496	PK

Profile: 2260325R	Page No.: 229
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



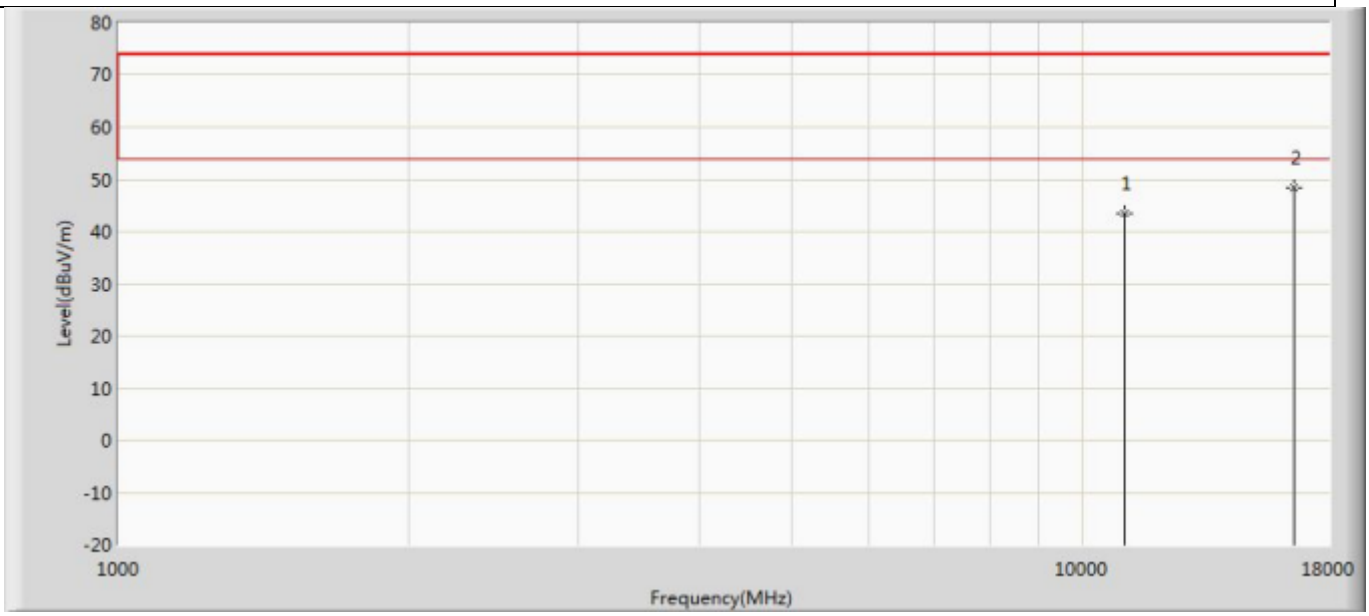
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	44.531	47.953	-29.469	74.000	-3.422	PK
2	*	15870.000	47.988	46.192	-26.012	74.000	1.797	PK

Profile: 2260325R	Page No.: 230
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



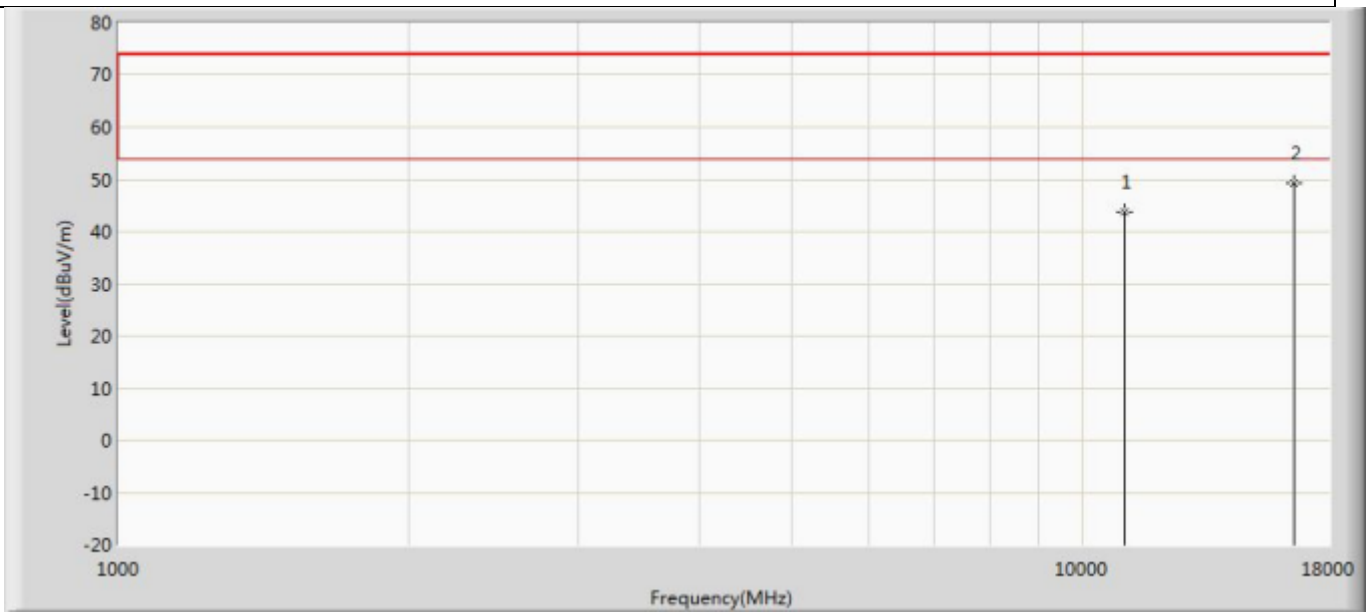
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	44.337	47.759	-29.663	74.000	-3.422	PK
2	*	15870.000	47.388	45.592	-26.612	74.000	1.797	PK

Profile: 2260325R	Page No.: 231
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



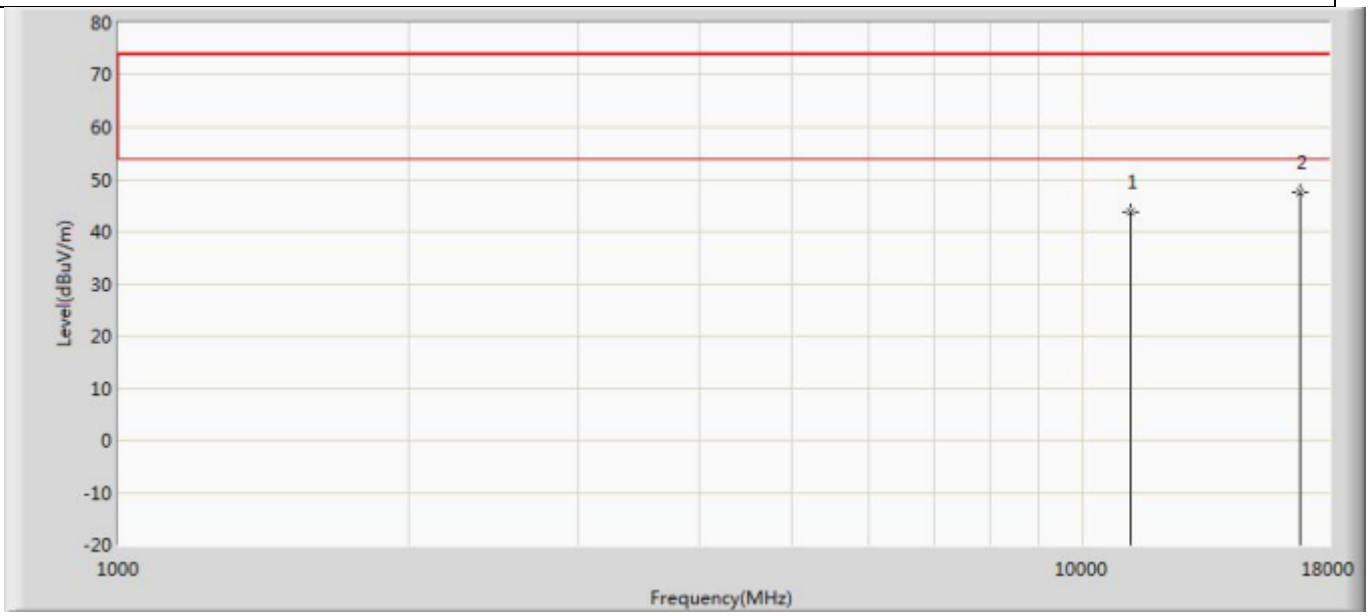
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	43.355	46.881	-30.645	74.000	-3.526	PK
2	*	16590.000	48.374	45.461	-25.626	74.000	2.914	PK

Profile: 2260325R	Page No.: 232
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



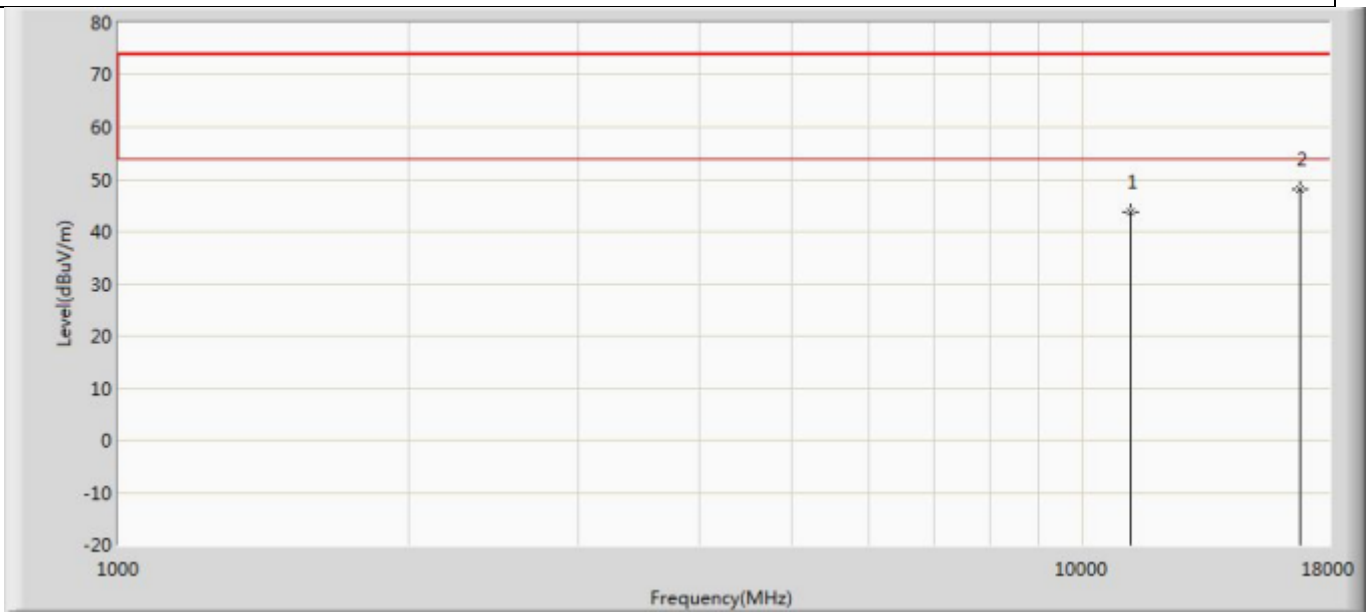
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	43.875	47.401	-30.125	74.000	-3.526	PK
2	*	16590.000	49.188	46.275	-24.812	74.000	2.914	PK

Profile: 2260325R	Page No.: 233
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5610MHz by 11ac80	



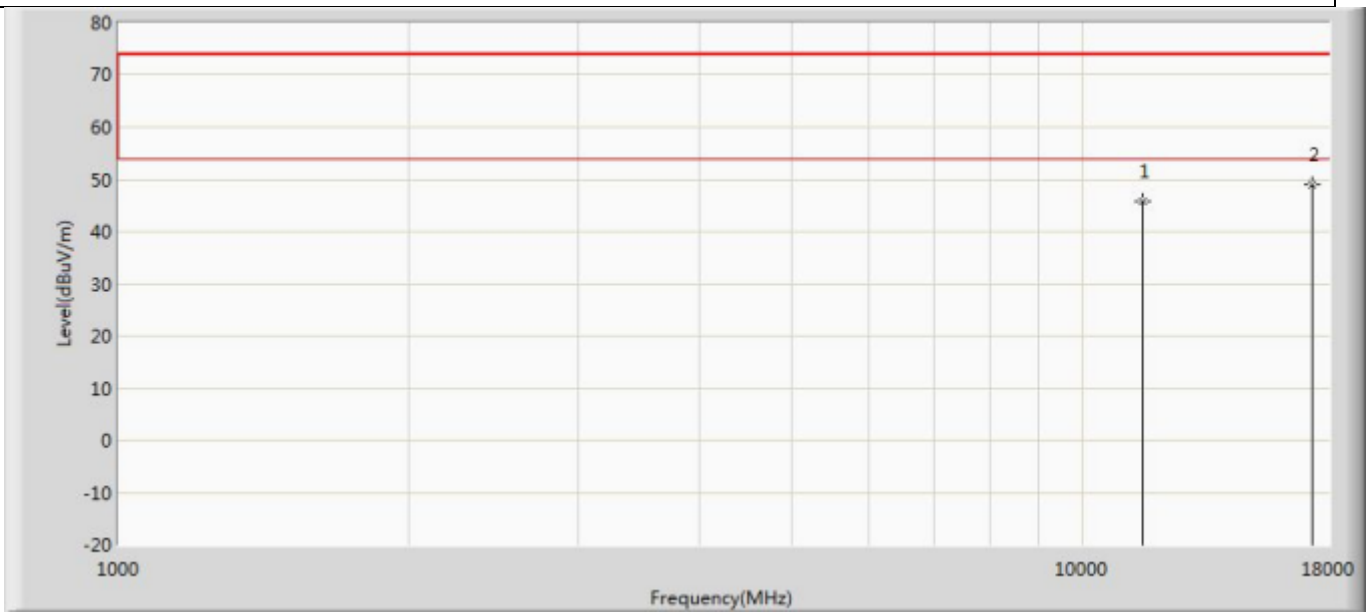
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	43.864	46.415	-30.136	74.000	-2.550	PK
2	*	16830.000	47.650	45.345	-26.350	74.000	2.305	PK

Profile: 2260325R	Page No.: 234
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5610MHz by 11ac80	



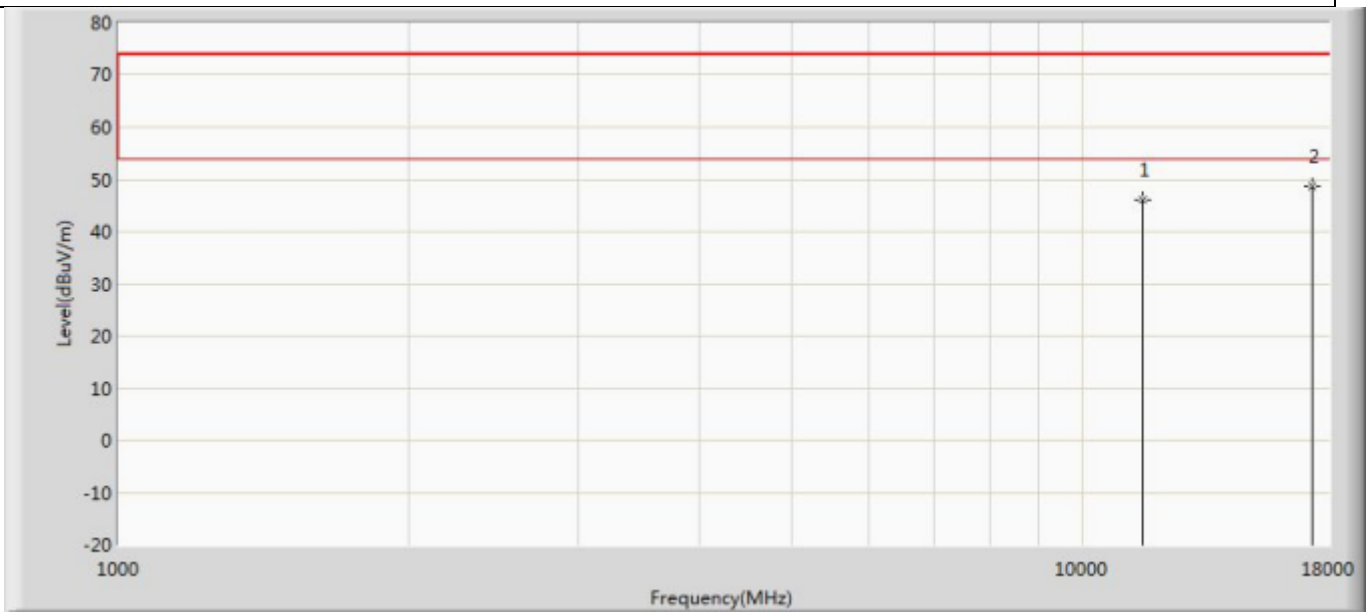
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	43.830	46.381	-30.170	74.000	-2.550	PK
2	*	16830.000	48.010	45.705	-25.990	74.000	2.305	PK

Profile: 2260325R	Page No.: 235
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5775MHz by 11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	45.740	47.848	-28.260	74.000	-2.108	PK
2	*	17325.000	48.880	45.627	-25.120	74.000	3.253	PK

Profile: 2260325R	Page No.: 236
Engineer: YuLiu	
Site: AC5	Time: 2022/06/30 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5775MHz by 11ac80	

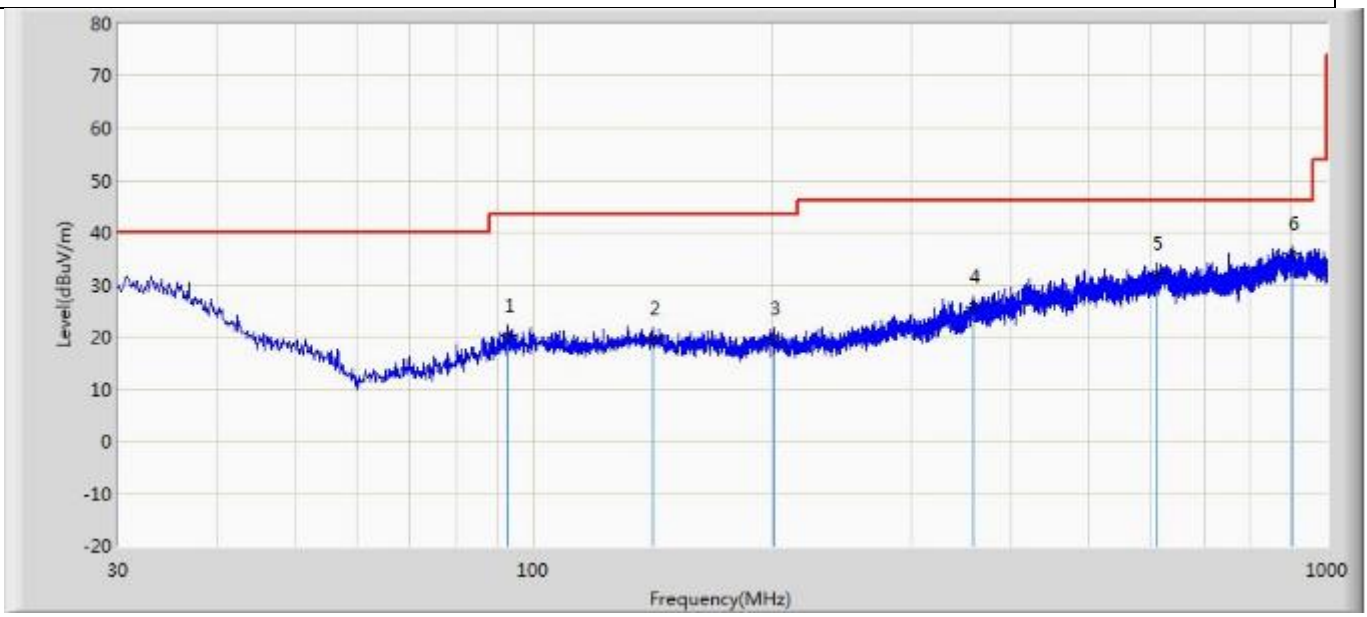


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	45.965	48.073	-28.035	74.000	-2.108	PK
2	*	17325.000	48.695	45.442	-25.305	74.000	3.253	PK

Note:
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for both peak and average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4.The points in graph are the highest data in test frequency range.

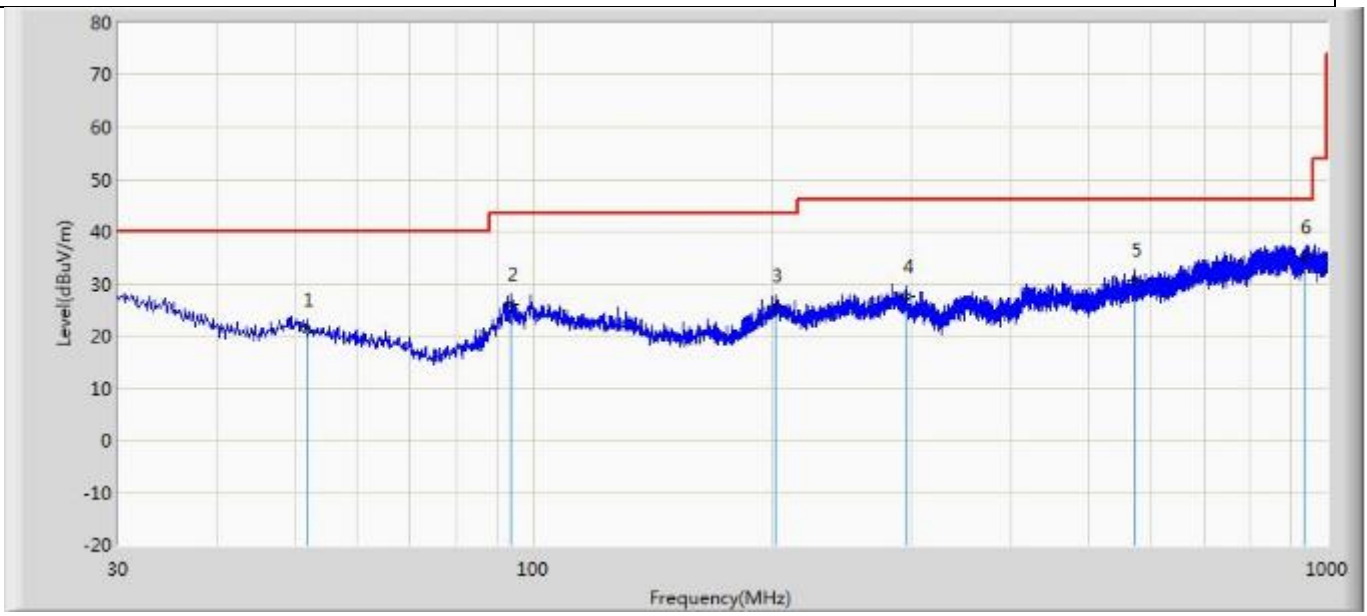
The worst case of Radiated Emission below 1GHz:

Profile: 2260325R	Page No.: 65
Engineer: YuLiu	
Site: AC2	Time: 2022/07/04 - 22:38
Limit: FCC_Part15.209_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5700MHz by 11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		92.808	20.421	6.105	-23.079	43.500	14.316	QP
2		141.792	19.844	2.613	-23.656	43.500	17.231	QP
3		201.084	19.649	1.892	-23.851	43.500	17.756	QP
4		358.345	25.779	1.587	-20.221	46.000	24.191	QP
5		609.939	32.082	2.566	-13.918	46.000	29.516	QP
6	*	903.970	35.809	2.620	-10.191	46.000	33.189	QP

Profile: 2260325R	Page No.: 66
Engineer: YuLiu	
Site: AC2	Time: 2022/07/04 - 22:39
Limit: FCC_Part15.209_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5700MHz by 11a	

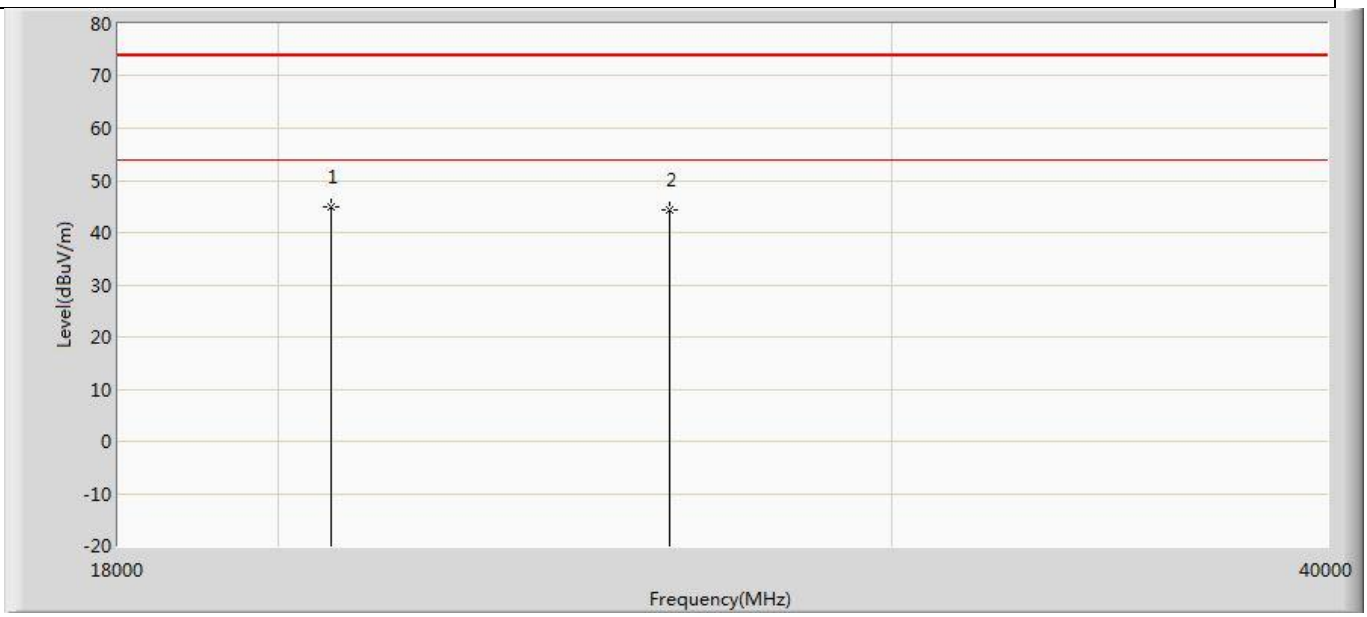


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		51.946	21.070	2.307	-18.930	40.000	18.763	QP
2		93.899	26.057	6.799	-17.443	43.500	19.258	QP
3		201.932	25.793	2.307	-17.707	43.500	23.486	QP
4		295.416	27.572	3.600	-18.428	46.000	23.972	QP
5		573.685	30.673	3.550	-15.327	46.000	27.123	QP
6	*	937.040	35.149	2.530	-10.851	46.000	32.619	QP

Note:
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

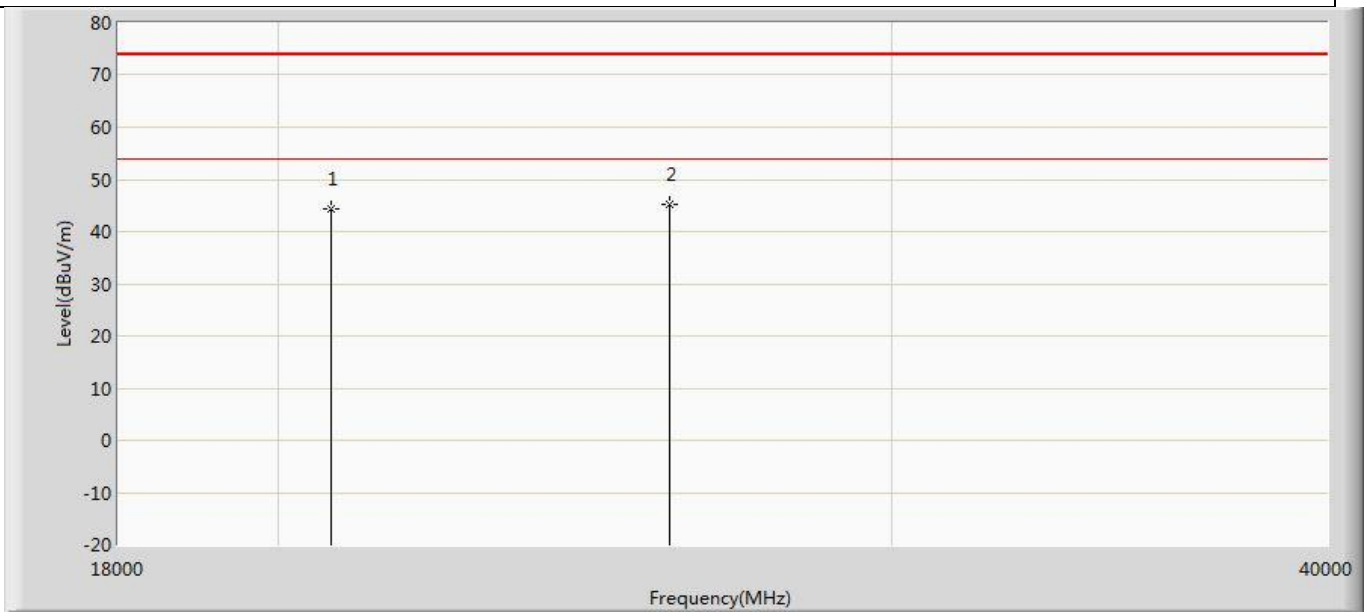
The worst case of Radiated Emission above 18GHz:

Profile: 2260325R	Page No.: 61
Engineer: Yu Liu	
Site: AC5	Time: 2022/07/05 - 14:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9170_294(18-40GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	20720.000	44.869	47.543	-29.131	74.000	-2.674	PK
2		25900.000	44.463	41.383	-29.537	74.000	3.081	PK

Profile: 2260325R	Page No.: 62
Engineer: Yu Liu	
Site: AC5	Time: 2022/07/05 - 14:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9170_294(18-40GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 802.11a	



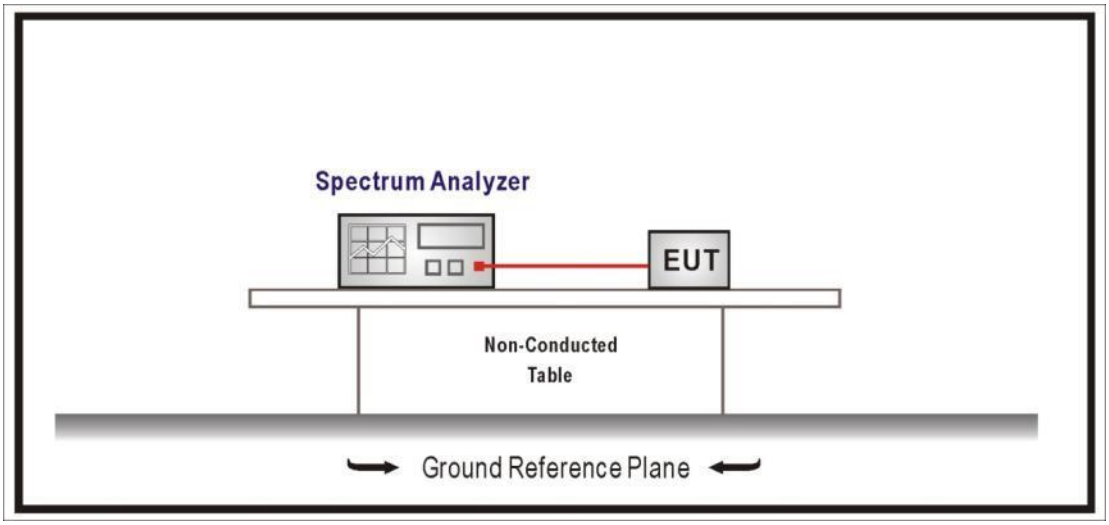
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		20720.000	44.288	46.962	-29.712	74.000	-2.674	PK
2	*	25900.000	45.304	42.224	-28.696	74.000	3.081	PK

Note:
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for both peak and average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4.The points in graph are the highest data in test frequency range.

4.3 Emission bandwidth	VERDICT: PASS

4.3.1 Limit	
Standard	FCC CFR Title 47 Part 15 Subpart E: Section 15.407
N/A	

4.3.2 Test Setup



4.3.3 Test Procedure

References Rule		Chapter	Description
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	☒ FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	☐ FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

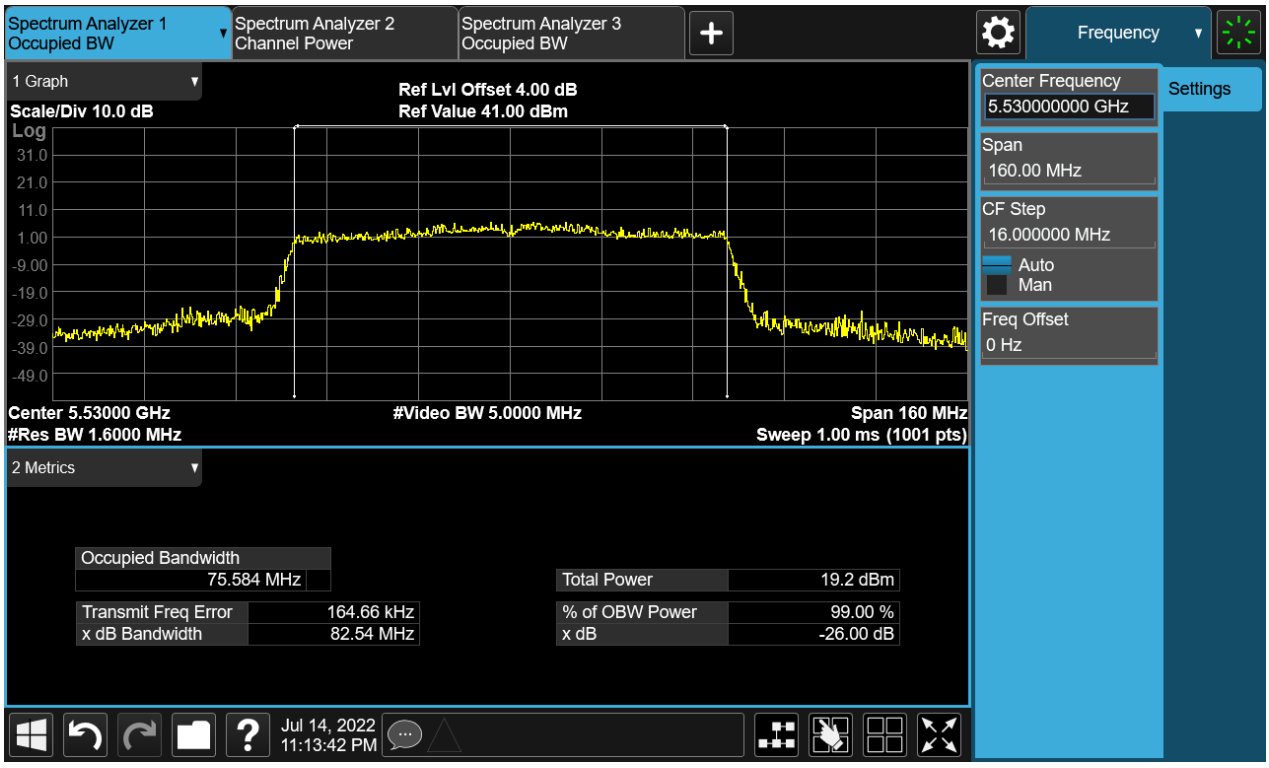
4.3.4 Test Data

Mode	CH.	Test Freq. (MHz)	26dB Emission Bandwidth (MHz)	Limit (kHz)	Result
1	36	5180	25.89	N/A	Pass
	44	5220	21.57	N/A	Pass
	48	5240	25.33	N/A	Pass
	52	5260	21.63	N/A	Pass
	60	5300	21.74	N/A	Pass
	64	5320	21.45	N/A	Pass
	100	5500	21.61	N/A	Pass
	116	5580	21.72	N/A	Pass
	140	5700	21.56	N/A	Pass
2	36	5180	23.53	N/A	Pass
	44	5220	21.92	N/A	Pass
	48	5240	22.39	N/A	Pass
	52	5260	21.73	N/A	Pass
	60	5300	21.89	N/A	Pass
	64	5320	21.60	N/A	Pass
	100	5500	22.02	N/A	Pass
	116	5580	21.74	N/A	Pass
	140	5700	21.62	N/A	Pass
3	38	5190	66.94	N/A	Pass
	46	5230	73.30	N/A	Pass
	54	5270	57.10	N/A	Pass
	62	5310	67.60	N/A	Pass
	102	5510	56.53	N/A	Pass
	110	5550	43.90	N/A	Pass
	134	5670	44.74	N/A	Pass
4	36	5180	22.02	N/A	Pass
	44	5220	23.51	N/A	Pass
	48	5240	22.31	N/A	Pass
	52	5260	21.81	N/A	Pass
	60	5300	21.52	N/A	Pass
	64	5320	21.54	N/A	Pass
	100	5500	21.39	N/A	Pass
	116	5580	21.86	N/A	Pass
	140	5700	21.23	N/A	Pass

5	38	5190	58.04	N/A	Pass
	46	5230	50.91	N/A	Pass
	54	5270	49.72	N/A	Pass
	62	5310	40.06	N/A	Pass
	102	5510	40.37	N/A	Pass
	110	5550	39.79	N/A	Pass
	134	5670	39.99	N/A	Pass
6	42	5210	80.99	N/A	Pass
	58	5290	81.74	N/A	Pass
	106	5530	82.54	N/A	Pass
	122	5610	81.26	N/A	Pass

Note 1 : The worst case of Emission Bandwidth as below:
Note 2: We have evaluated each operating mode, shown in the report is the worst data.

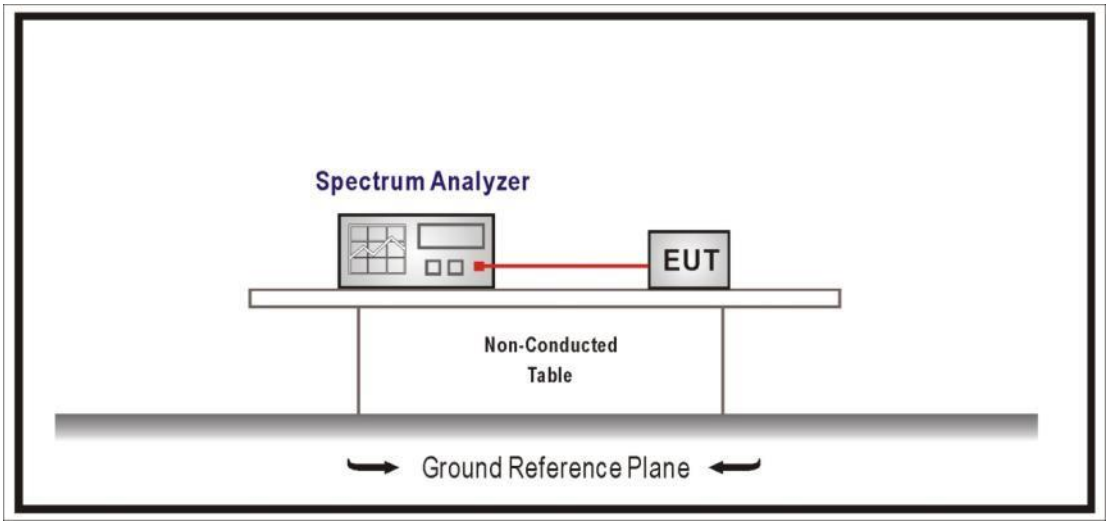
Mode 6 CH106 (5530MHz)



4.4 6dB bandwidth	VERDICT: PASS

4.4.1 Limit	
Standard	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e)
6dB Bandwith ⩾500KHz	

4.4.2 Test Setup



4.4.3 Test Procedure

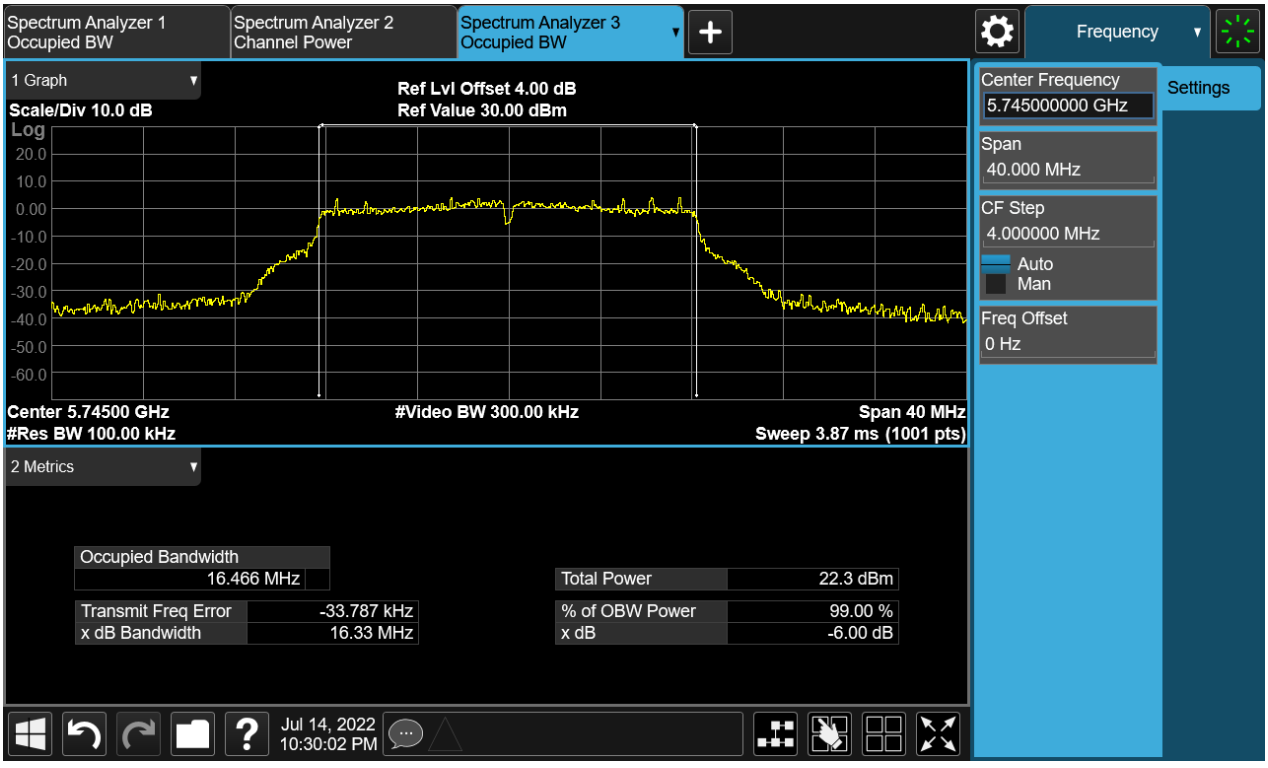
References Rule		Chapter	Description
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	☐ FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	☒ FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

4.4.4 Test Data

Mode	CH.	Test Freq. (MHz)	6dB Occupied Bandwidth (MHz)	Limit (kHz)	Result
1	149	5745	16.33	>500	Pass
	157	5785	16.34	>500	Pass
	165	5825	16.36	>500	Pass
2	149	5745	17.35	>500	Pass
	157	5785	17.32	>500	Pass
	165	5825	17.35	>500	Pass
3	151	5755	35.42	>500	Pass
	159	5795	35.33	>500	Pass
4	149	5745	17.6	>500	Pass
	157	5785	16.93	>500	Pass
	165	5825	17.32	>500	Pass
5	151	5755	35.54	>500	Pass
	159	5795	35.99	>500	Pass
6	155	5775	75.34	>500	Pass

Note 1 : The worst case of Occupied Bandwidth as below:
Note 2: We have evaluated each operating mode, shown in the report is the worst data.

Mode 1 CH149(5745MHz)

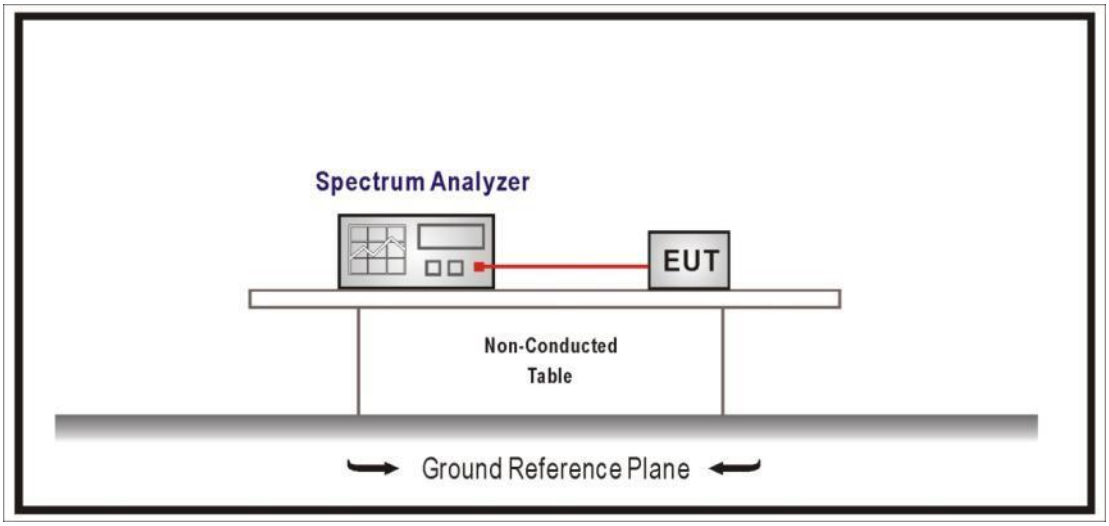


4.5 Duty cycle	VERDICT: PASS

4.5.1 Limit

N/A

4.5.2 Test Setup



4.5.3 Test Procedure

References Rule		Chapter	Description
☒	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

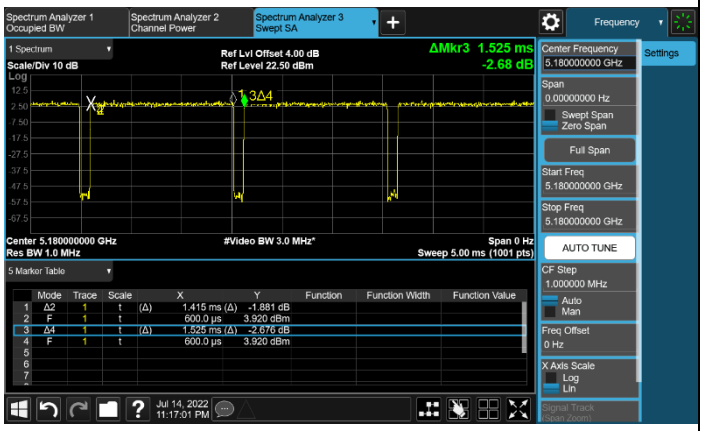
4.5.4 Test Data

Test Mode	Tx On (ms)	VBW (kHz)	Tx On + Tx Off (ms)	Duty Cycle (%)
1	1.415	0.71	1.525	92.79
2	1.31	0.76	1.35	97.04
3	0.634	1.58	0.681	93.10
4	1.335	0.75	1.445	92.39
5	0.630	1.59	0.768	82.03
6	0.308	3.25	0.434	70.97

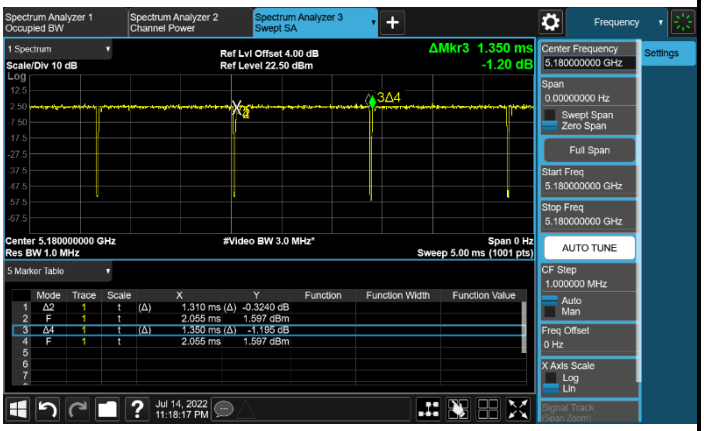
Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to KDB 789033, when test for Radiated Emission Band Edge and Radiated Emission, for average detector set: VBW ⩾ 1/T will be used.

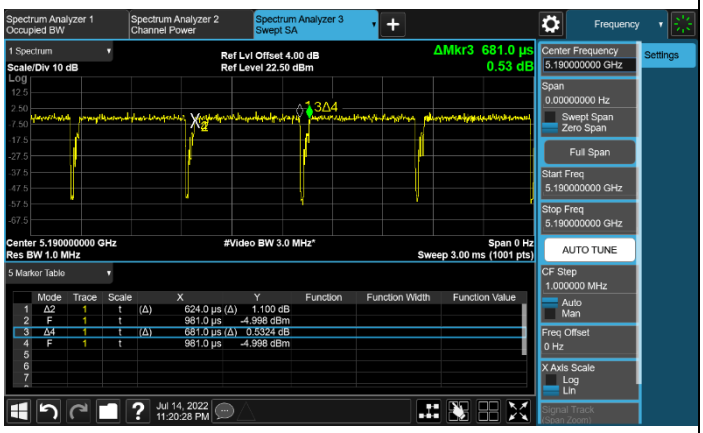
Mode 1



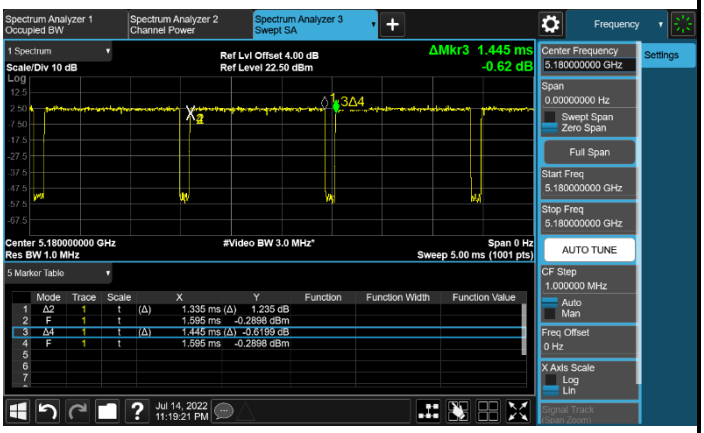
Mode 2

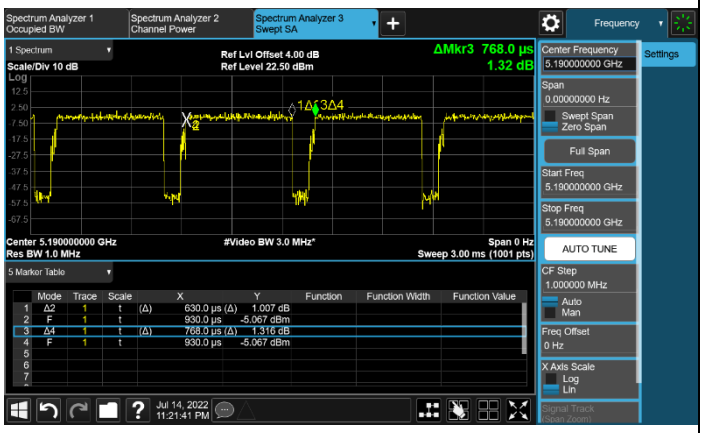
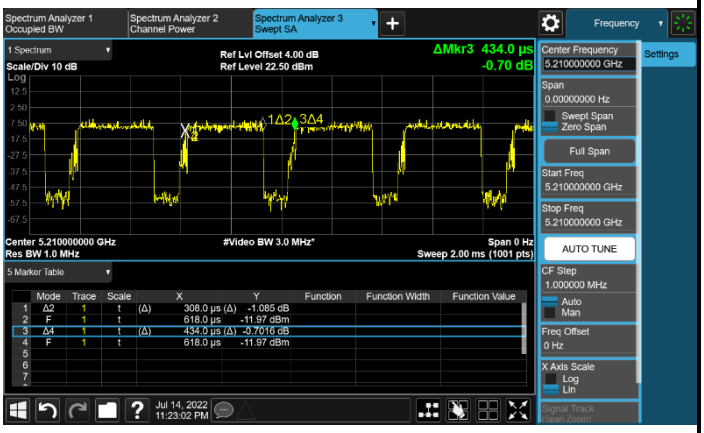


Mode 3



Mode 4



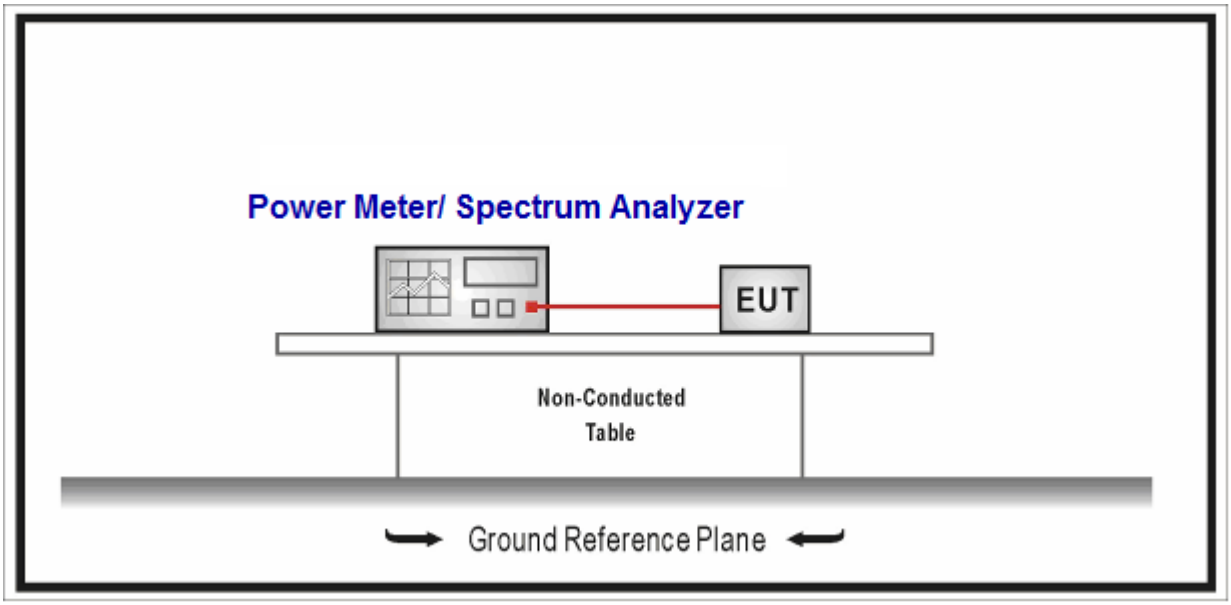
Mode 5	Mode 6
	

Spectrum Analyzer 1
Occupied BW
Spectrum Analyzer 2
Channel Power
Spectrum Analyzer 3
Swept SA
Frequency
1 Spectrum
Ref Lvl Offset 4.00 dB
Ref Level 22.50 dBm
ΔMkr3 768.0 µs
1.32 dB
Scale/Div 10 dB
Log
Center 5.190000000 GHz
#Video BW 3.0 MHz*
Span 0 Hz
Res BW 1.0 MHz
Sweep 3.00 ms (1001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 Δ2 1 t (Δ) 630.0 µs (Δ) 1.007 dB
2 F 1 t 930.0 µs -5.067 dBm
3 Δ4 1 t (Δ) 768.0 µs (Δ) 1.316 dB
4 F 1 t 930.0 µs -5.067 dBm
Center Frequency
5.190000000 GHz
Span
0.00000000 Hz
Swept Span
Zero Span
Full Span
Start Freq
5.190000000 GHz
Stop Freq
5.190000000 GHz
AUTO TUNE
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Settings
Jul 14, 2022
11:21:41 PM
Spectrum Analyzer 1
Occupied BW
Spectrum Analyzer 2
Channel Power
Spectrum Analyzer 3
Swept SA
Frequency
1 Spectrum
Ref Lvl Offset 4.00 dB
Ref Level 22.50 dBm
ΔMkr3 434.0 µs
-0.70 dB
Scale/Div 10 dB
Log
Center 5.210000000 GHz
#Video BW 3.0 MHz*
Span 0 Hz
Res BW 1.0 MHz
Sweep 2.00 ms (1001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 Δ2 1 t (Δ) 308.0 µs (Δ) -1.085 dB
2 F 1 t 618.0 µs -11.97 dBm
3 Δ4 1 t (Δ) 434.0 µs (Δ) -0.7016 dB
4 F 1 t 618.0 µs -11.97 dBm
Center Frequency
5.210000000 GHz
Span
0.00000000 Hz
Swept Span
Zero Span
Full Span
Start Freq
5.210000000 GHz
Stop Freq
5.210000000 GHz
AUTO TUNE
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Settings
Jul 14, 2022
11:23:02 PM

4.6 Power Output	VERDICT: PASS

4.6.1 Limit		
Standard		FCC CFR Title 47 Part 15 Subpart C&E
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX}＞6dBi, then Pout ≤30 - (G_{TX} - 6) and ≤125mW at any angle above 30 degrees
	☐	Indoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX}＞6dBi, then Pout ≤30 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If G_{TX}＞ 23dBi, then Pout≤30 - (G_{TX} - 23)
	☒	client devices: the maximum conducted output power shall not exceed 250mW. If G_{TX}＞6dBi, then Pout≤ 24 - (G_{TX} - 6)
☒	For the band 5.25-5.35 GHz:	
	☒	The maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX} ＞ 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (GTX - 6)
☒	For the 5.47-5.725 GHz:	
	☒	The maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX}＞6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz:	
	☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W
Note 1 : GTX directional gain of transmitting antennas. Note 2 : Pout is maximum conducted output power .		

4.6.2 Test Setup



4.6.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		12.3	Maximum conducted output power
	☒	ANSI C63.10	12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐ ANSI C63.10	12.3.2.2	Method SA-1
		☐ ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒ ANSI C63.10	12.3.2.4	Method SA-2
		☐ ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐ ANSI C63.10	12.3.2.6	Method SA-3
		☐ ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10	12.3.3	Maximum conducted output power using a power meter
		☐ ANSI C63.10	12.3.3.1	Method PM
		☒ ANSI C63.10	12.3.3.2	Method PM-G

4.6.4 Test Data

Mode	Channel	Test Frequency (MHz)	Output power (dBm)	Limit (dBm)	Result
1	36	5180	15.94	≤24	Pass
	44	5220	16.00	≤24	Pass
	48	5240	15.50	≤24	Pass
	52	5260	14.82	≤24	Pass
	60	5300	15.04	≤24	Pass
	64	5320	15.09	≤24	Pass
	100	5500	15.01	≤24	Pass
	116	5580	15.19	≤24	Pass
	140	5700	15.61	≤24	Pass
	149	5745	15.60	≤30	Pass
	157	5785	15.59	≤30	Pass
	165	5825	15.64	≤30	Pass
2	36	5180	14.25	≤24	Pass
	44	5220	14.41	≤24	Pass
	48	5240	14.13	≤24	Pass
	52	5260	13.44	≤24	Pass
	60	5300	13.82	≤24	Pass
	64	5320	13.68	≤24	Pass
	100	5500	13.47	≤24	Pass
	116	5580	13.83	≤24	Pass
	140	5700	14.06	≤24	Pass
	149	5745	14.45	≤30	Pass
	157	5785	14.21	≤30	Pass
	165	5825	14.40	≤30	Pass
3	38	5190	15.10	≤24	Pass
	46	5230	15.17	≤24	Pass
	54	5270	14.92	≤24	Pass
	62	5310	15.01	≤24	Pass
	102	5510	15.21	≤24	Pass
	110	5550	15.35	≤24	Pass
	134	5670	15.37	≤24	Pass
	151	5755	15.53	≤30	Pass
	159	5795	15.64	≤30	Pass
	36	5180	14.28	≤24	Pass
	44	5220	14.40	≤24	Pass

4	48	5240	14.15	⩽24	Pass
	52	5260	13.68	⩽24	Pass
	60	5300	13.83	⩽24	Pass
	64	5320	13.69	⩽24	Pass
	100	5500	13.70	⩽24	Pass
	116	5580	13.84	⩽24	Pass
	140	5700	14.03	⩽24	Pass
	149	5745	14.40	⩽30	Pass
	157	5785	14.21	⩽30	Pass
	165	5825	14.45	⩽30	Pass
5	38	5190	14.28	⩽24	Pass
	46	5230	14.40	⩽24	Pass
	54	5270	14.15	⩽24	Pass
	62	5310	13.68	⩽24	Pass
	102	5510	13.83	⩽24	Pass
	110	5550	13.69	⩽24	Pass
	134	5670	13.70	⩽24	Pass
	151	5755	13.84	⩽30	Pass
	159	5795	14.03	⩽30	Pass
6	42	5210	12.47	⩽24	Pass
	58	5290	12.54	⩽24	Pass
	106	5530	12.27	⩽24	Pass
	122	5610	12.30	⩽24	Pass
	155	5775	12.71	⩽30	Pass
Note 1: Please refer to section 1.2 for antenna gain.					

4.7 Peak Power Spectral Density	VERDICT: PASS

4.7.1 Limit:

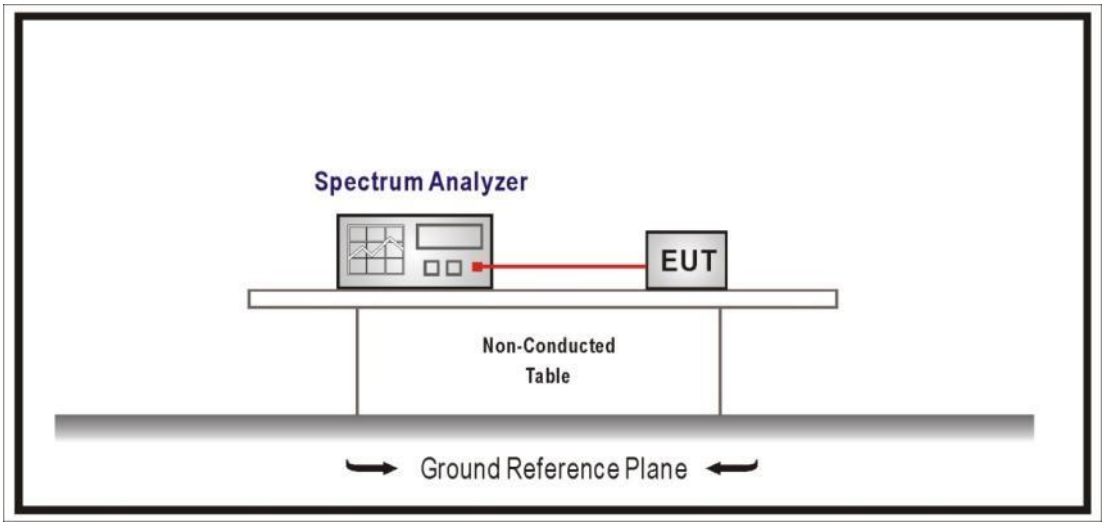
Standard	FCC CFR Title 47 Part 15 Subpart C&E

Fundamental emission output power Limit

☐	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}>6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}>6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}>23dBi, then Pout≤17 - (G_{TX} - 23)
	☒	Client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}>6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.25-5.35 GHz:	
	☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}>6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.47-5.725 GHz:	
	☒	The maximum power spectral density shall not exceed 11 dBm/MHz.If G_{TX}>6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz:	
	☒	The maximum power spectral density shall not exceed 30 dBm/500kHz. If G_{TX}>6dBi, then Pout≤30 - (G_{TX} - 6)

Note 1: GTX directional gain of transmitting antennas.
Note 2: Pout is maximum conducted output power.

4.7.2 Test Setup



4.7.3 Test Procedure			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v02r01	F	Maximum Power Spectral Density (PSD)

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☒	KDB 662911		F2)e)	Spatial stream
	☒	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

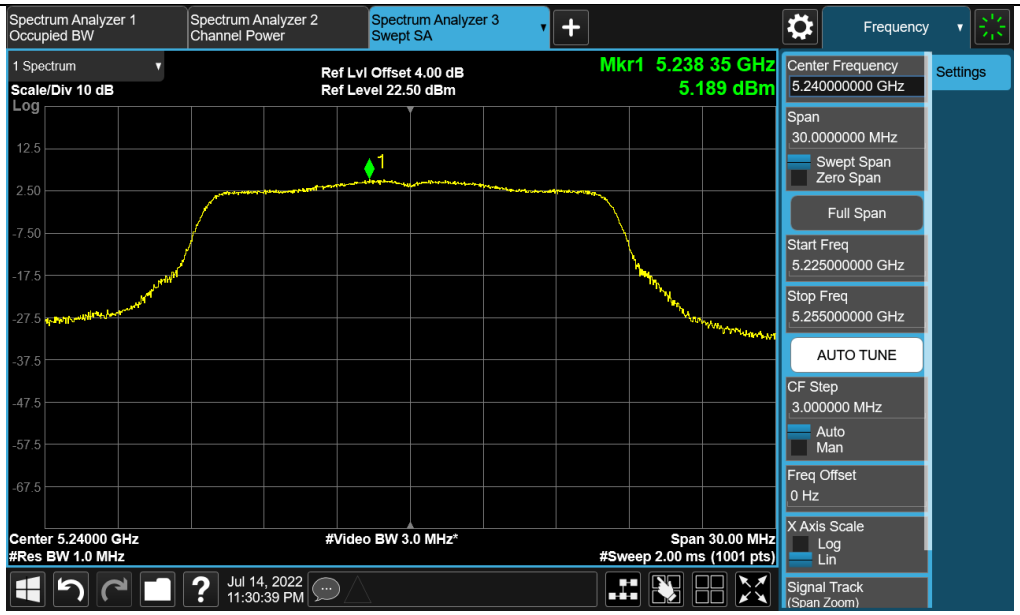
4.7.4 Test Data

Mode	Channel	Test Frequency (MHz)	Total Measurement PSD	Limit	Unit	Result
1	36	5180	5.45	≤11	dBm/MHz	Pass
	44	5220	5.51	≤11	dBm/MHz	Pass
	48	5240	5.52	≤11	dBm/MHz	Pass
	52	5260	5.30	≤11	dBm/MHz	Pass
	60	5300	5.11	≤11	dBm/MHz	Pass
	64	5320	5.23	≤11	dBm/MHz	Pass
	100	5500	5.11	≤11	dBm/MHz	Pass
	116	5580	5.15	≤11	dBm/MHz	Pass
	140	5700	5.39	≤11	dBm/MHz	Pass
	149	5745	2.88	≤30	dBm/500kHz	Pass
	157	5785	2.70	≤30	dBm/500kHz	Pass
	165	5825	2.88	≤30	dBm/500kHz	Pass
2	36	5180	3.47	≤11	dBm/MHz	Pass
	44	5220	3.50	≤11	dBm/MHz	Pass
	48	5240	3.55	≤11	dBm/MHz	Pass
	52	5260	3.48	≤11	dBm/MHz	Pass
	60	5300	3.47	≤11	dBm/MHz	Pass
	64	5320	3.34	≤11	dBm/MHz	Pass
	100	5500	3.24	≤11	dBm/MHz	Pass
	116	5580	3.47	≤11	dBm/MHz	Pass
	140	5700	3.36	≤11	dBm/MHz	Pass
	149	5745	1.71	≤30	dBm/500kHz	Pass
	157	5785	1.57	≤30	dBm/500kHz	Pass
	165	5825	1.45	≤30	dBm/500kHz	Pass
3	38	5190	1.48	≤11	dBm/MHz	Pass
	46	5230	1.32	≤11	dBm/MHz	Pass
	54	5270	1.35	≤11	dBm/MHz	Pass
	62	5310	1.37	≤11	dBm/MHz	Pass
	102	5510	1.58	≤11	dBm/MHz	Pass
	110	5550	1.85	≤11	dBm/MHz	Pass
	134	5670	1.60	≤11	dBm/MHz	Pass
	151	5755	-0.69	≤30	dBm/500kHz	Pass
	159	5795	-0.66	≤30	dBm/500kHz	Pass
	36	5180	3.95	≤11	dBm/MHz	Pass

4	44	5220	3.96	⩽11	dBm/MHz	Pass
	48	5240	3.91	⩽11	dBm/MHz	Pass
	52	5260	3.62	⩽11	dBm/MHz	Pass
	60	5300	3.68	⩽11	dBm/MHz	Pass
	64	5320	3.54	⩽11	dBm/MHz	Pass
	100	5500	3.78	⩽11	dBm/MHz	Pass
	116	5580	3.61	⩽11	dBm/MHz	Pass
	140	5700	3.85	⩽11	dBm/MHz	Pass
	149	5745	1.33	⩽30	dBm/500kHz	Pass
	157	5785	1.40	⩽30	dBm/500kHz	Pass
	165	5825	1.32	⩽30	dBm/500kHz	Pass
5	38	5190	1.88	⩽11	dBm/MHz	Pass
	46	5230	1.70	⩽11	dBm/MHz	Pass
	54	5270	1.99	⩽11	dBm/MHz	Pass
	62	5310	2.05	⩽11	dBm/MHz	Pass
	102	5510	1.79	⩽11	dBm/MHz	Pass
	110	5550	1.94	⩽11	dBm/MHz	Pass
	134	5670	1.88	⩽11	dBm/MHz	Pass
	151	5755	-0.55	⩽30	dBm/500kHz	Pass
	159	5795	-0.84	⩽30	dBm/500kHz	Pass
6	42	5210	-3.86	⩽11	dBm/MHz	Pass
	58	5290	-3.82	⩽11	dBm/MHz	Pass
	106	5530	-3.80	⩽11	dBm/MHz	Pass
	122	5610	-3.54	⩽11	dBm/MHz	Pass
	155	5775	-5.66	⩽30	dBm/500kHz	Pass

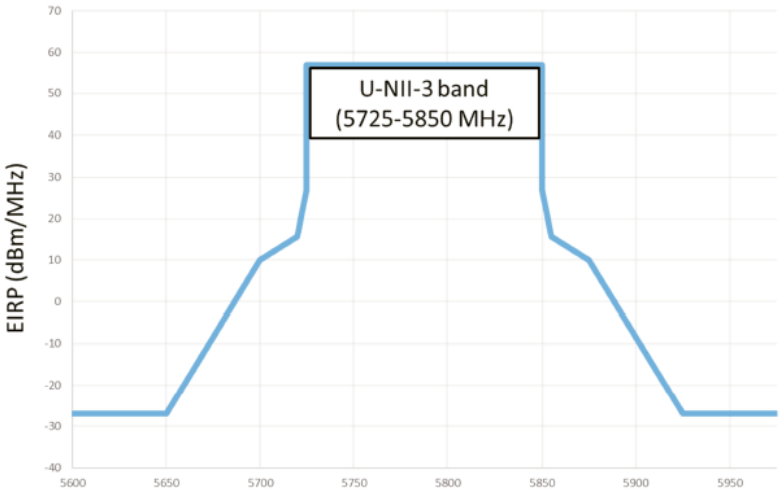
Note 1: The worst data as below:
Note 2: We have evaluated each operating mode, shown in the report is the worst data.
Note 3: Total Measurement PSD= Measurement PSD + add [10 log (1 / D)], where D is the duty cycle.

Mode 1 CH52 (5240MHz)


Spectrum Analyzer 1
Occupied BW
Spectrum Analyzer 2
Channel Power
Spectrum Analyzer 3
Swept SA
Frequency
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 4.00 dB
Ref Level 22.50 dBm
Mkr1 5.238 35 GHz
5.189 dBm
12.5
2.50
-7.50
-17.5
-27.5
-37.5
-47.5
-57.5
-67.5
Center 5.24000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Span 30.00 MHz
#Sweep 2.00 ms (1001 pts)
Jul 14, 2022
11:30:39 PM
Center Frequency
5.240000000 GHz
Span
30.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
5.225000000 GHz
Stop Freq
5.255000000 GHz
AUTO TUNE
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings

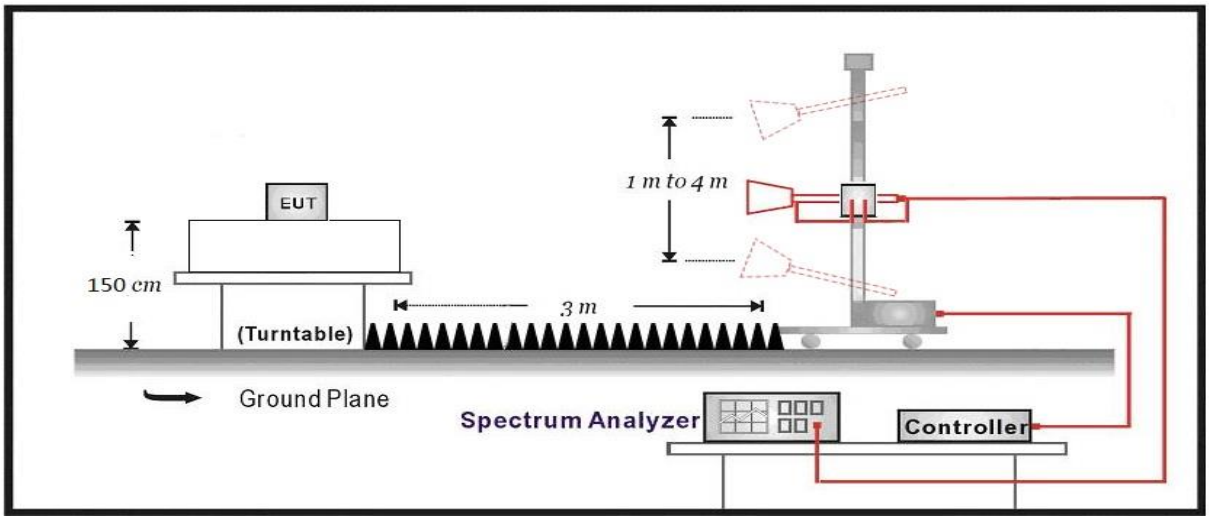
4.8 Radiated Emission Band Edge — VERDICT: PASS

4.8.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.247(d) , 15.209
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5150 - 5250	-27
5250 - 5350	-27
5470 - 5725	-27
5725 - 5850	

4.8.2 Test Setup

Above 1GHz Test Setup:

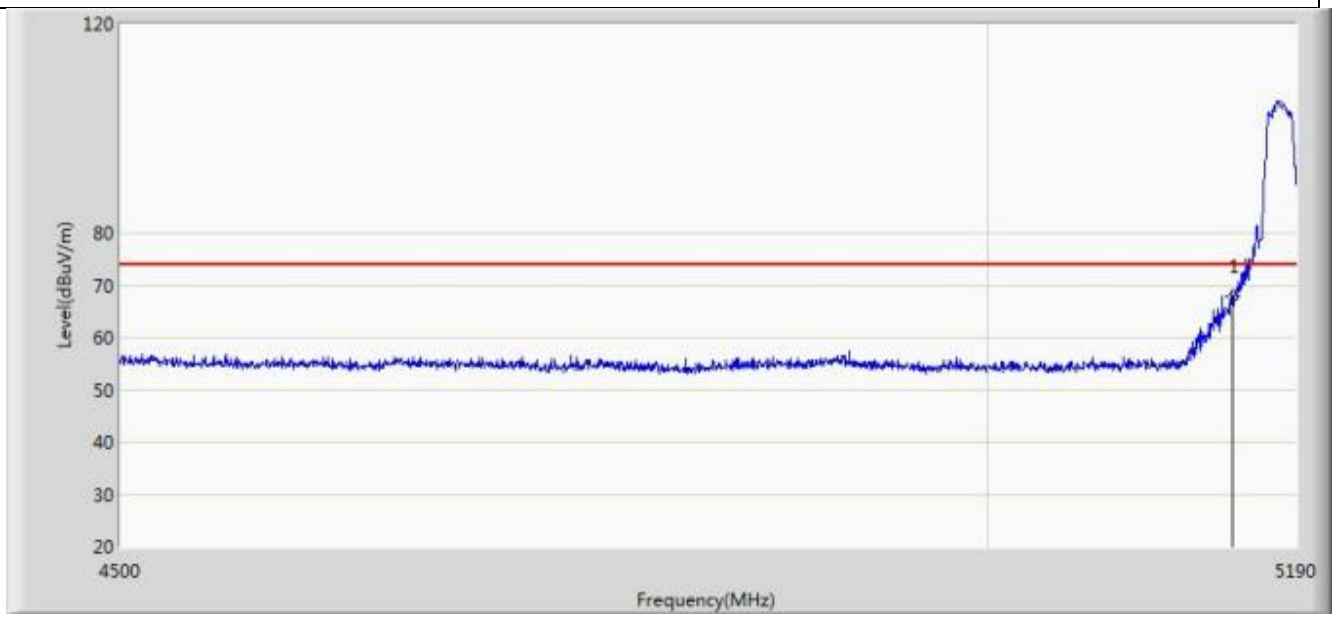


4.8.3 Test Procedure

	References Rule	Chapter	Description
☐	ANSI C63.10	12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10	12.7.2	Emissions in restricted frequency bands
	☐ ANSI C63.10	12.7.5	Radiated emission measurements
	☒ ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒ ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	☐ ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	☒ ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☐ ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☐ ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐ ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v02r01	G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v02r01	G.1	Unwanted Emissions in the Restricted Bands
	☐ FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐ FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐ FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	☐ FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	☐ FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

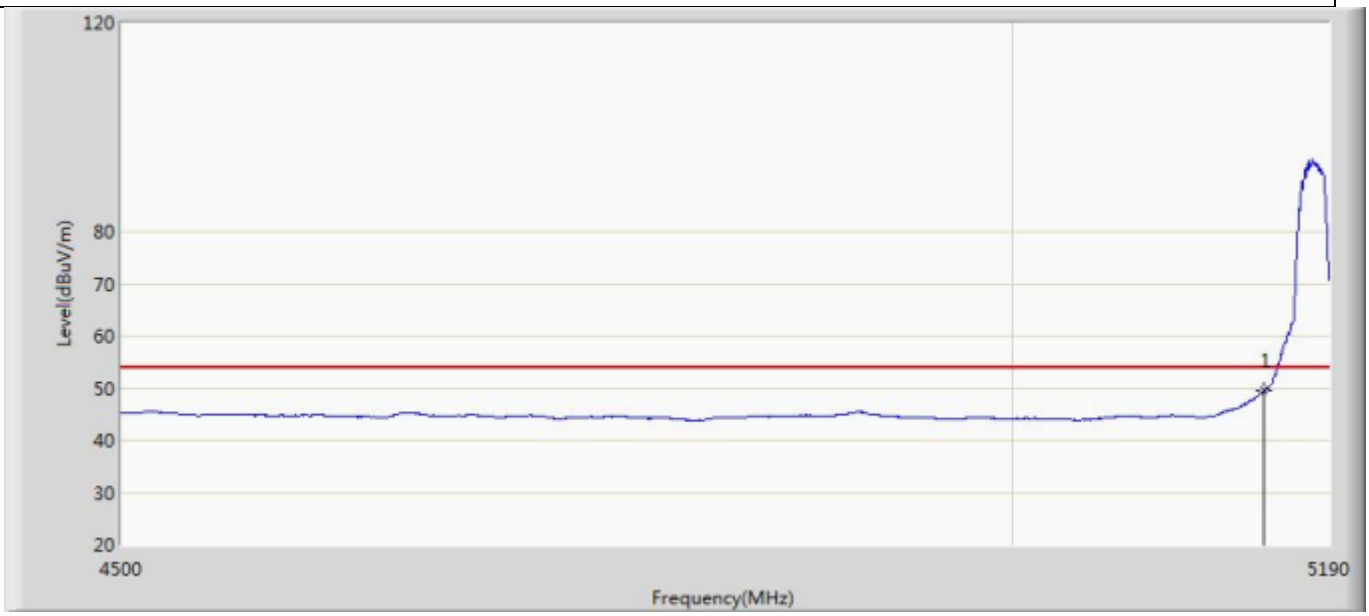
4.8.4 Test Data

Profile: 2260325R	Page No.: 2
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 11a	



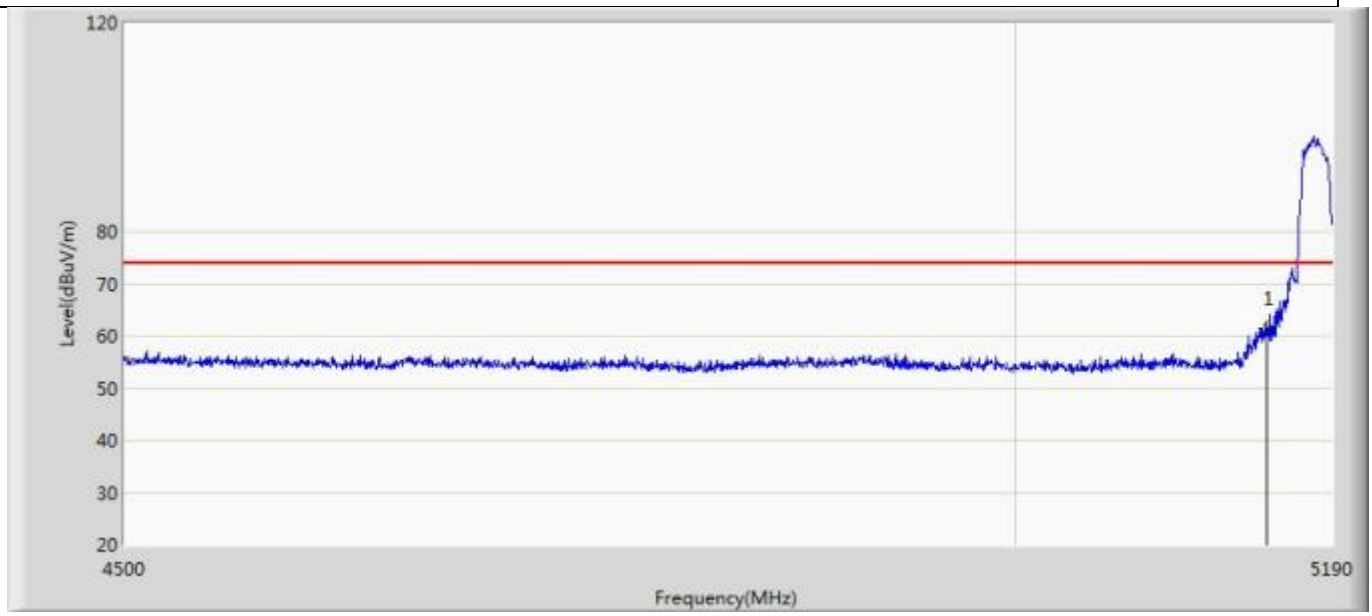
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	67.714	27.253	-6.286	74.000	40.461	PK

Profile: 2260325R	Page No.: 1
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 11a	



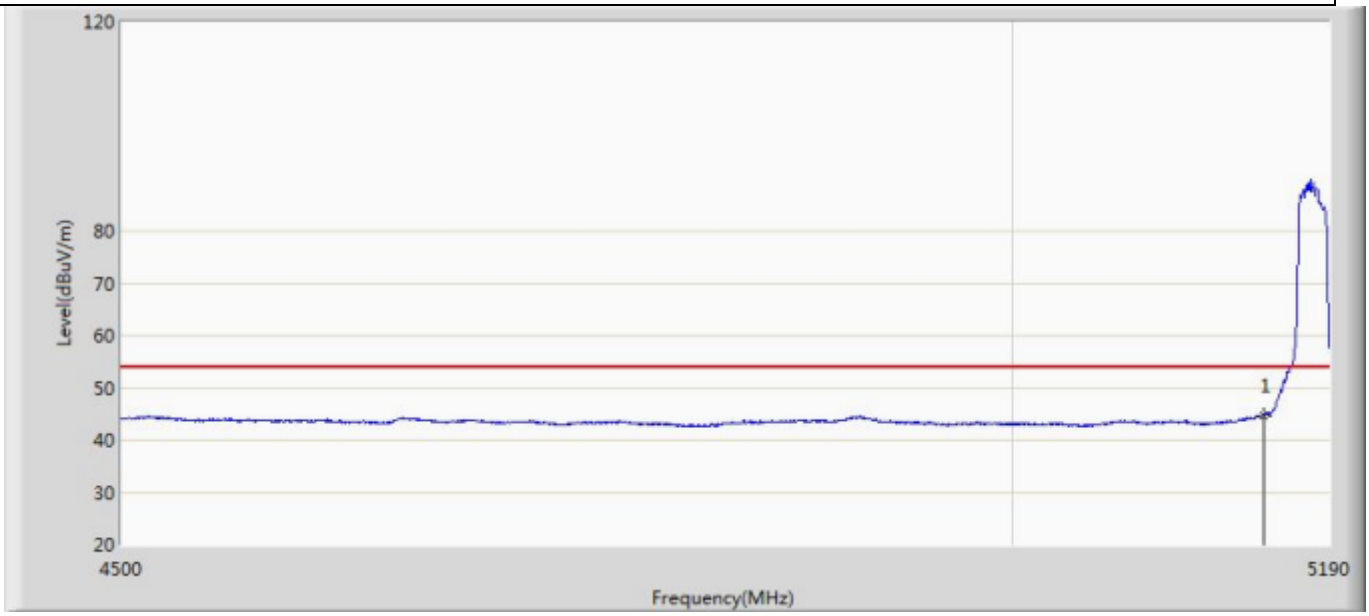
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	49.443	8.982	-4.557	54.000	40.461	AV

Profile: 2260325R	Page No.: 4
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 11a	



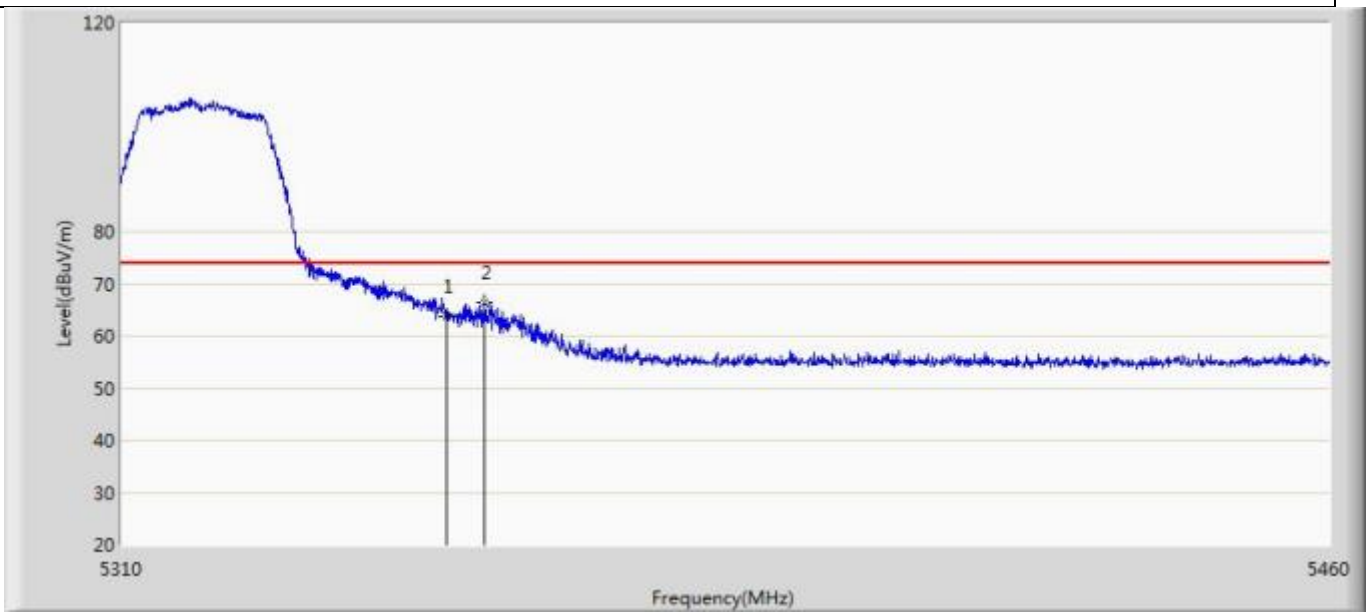
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	61.313	20.852	-12.687	74.000	40.461	PK

Profile: 2260325R	Page No.: 3
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5180MHz by 11a	



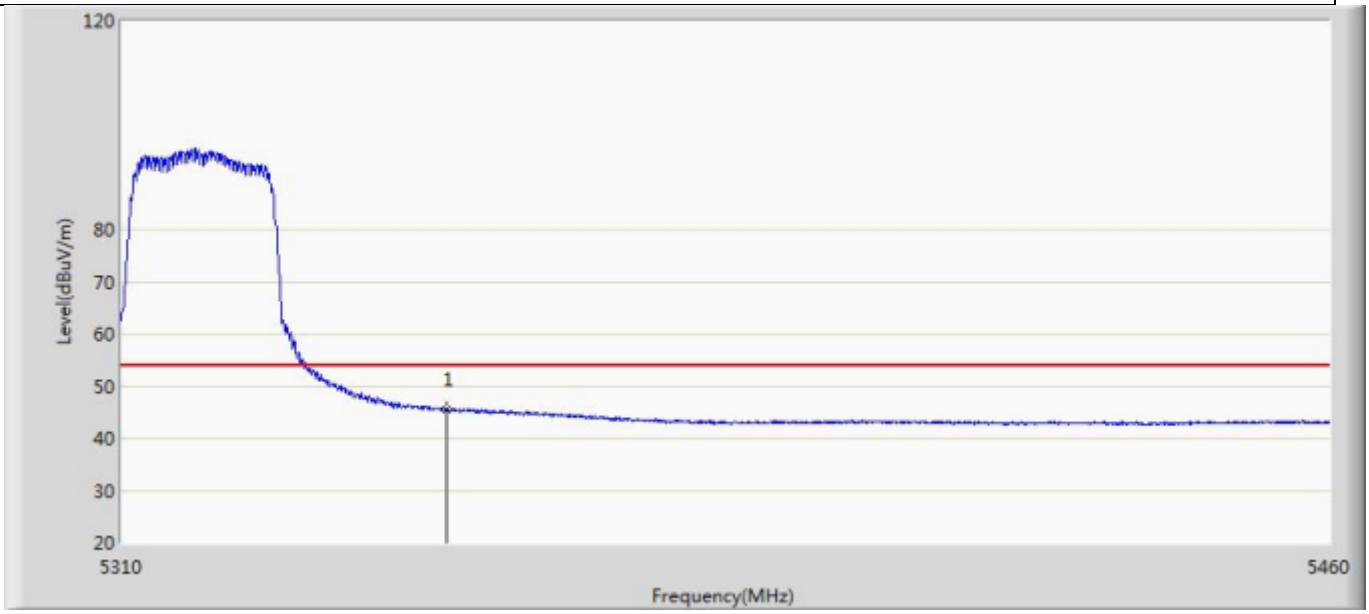
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	44.582	4.121	-9.418	54.000	40.461	AV

Profile: 2260325R	Page No.: 6
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5320MHz by 11a	



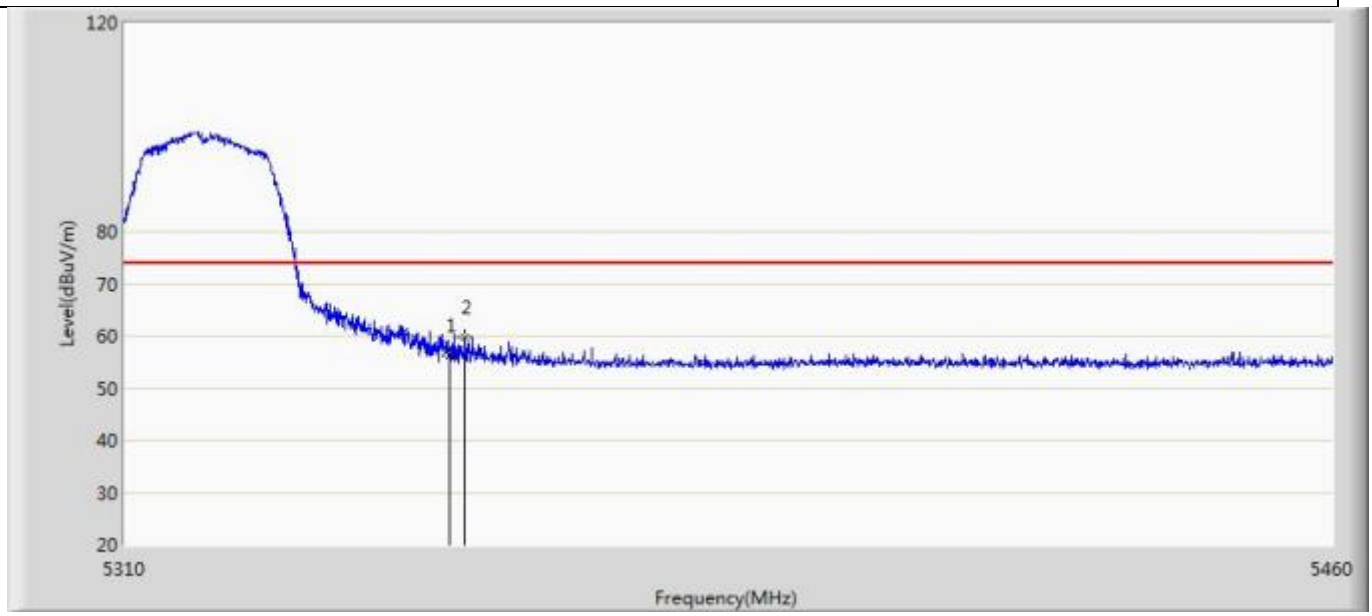
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	63.876	22.760	-10.124	74.000	41.116	PK
2	*	5354.625	66.261	25.160	-7.739	74.000	41.102	PK

Profile: 2260325R	Page No.: 5
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5320MHz by 11a	



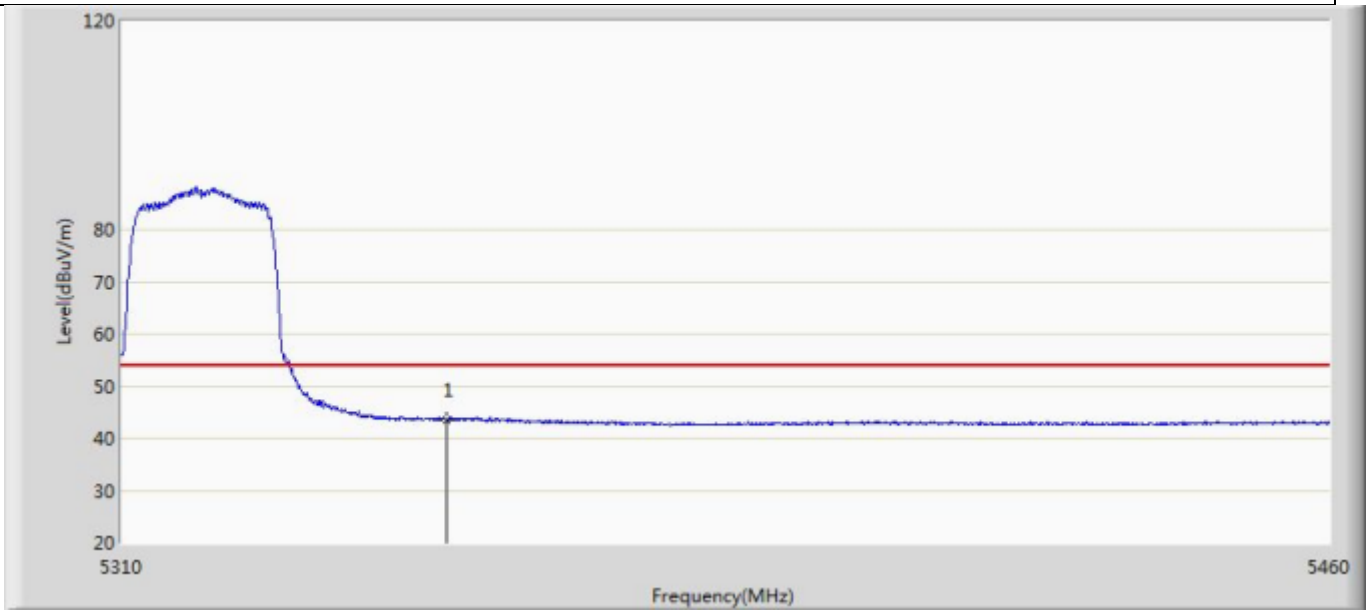
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	45.370	4.254	-8.630	54.000	41.116	AV

Profile: 2260325R	Page No.: 8
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5320MHz by 11a	



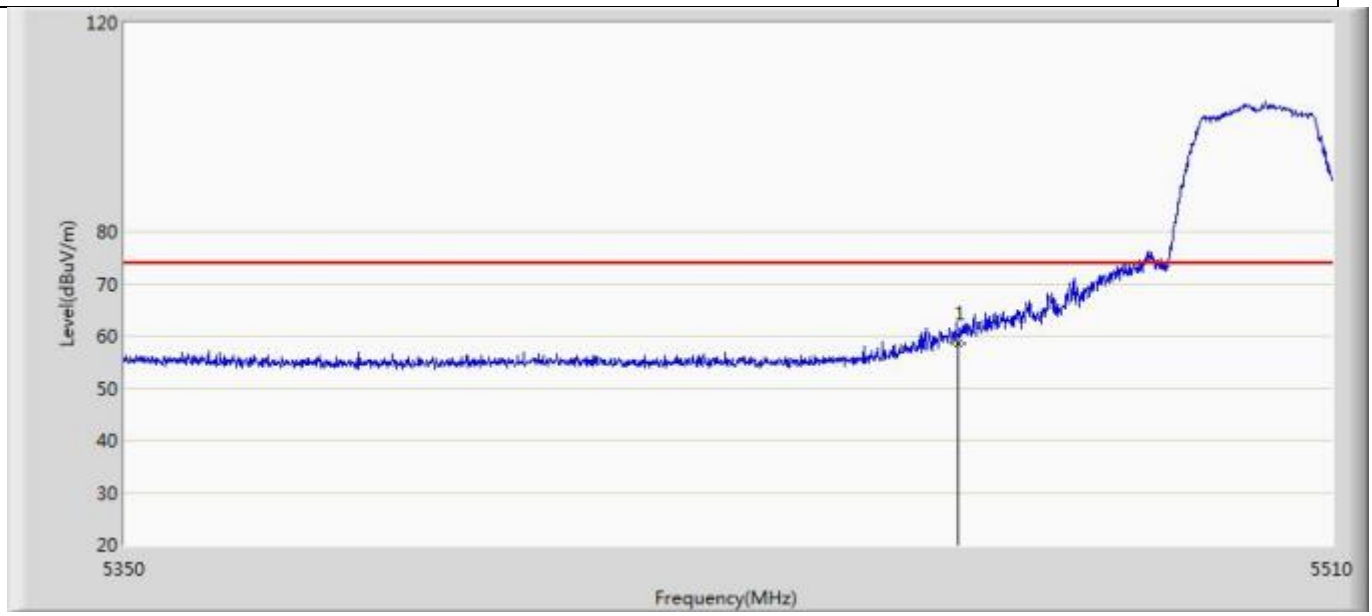
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	56.142	15.026	-17.858	74.000	41.116	PK
2	*	5351.925	59.633	18.477	-14.367	74.000	41.157	PK

Profile: 2260325R	Page No.: 7
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5320MHz by 11a	



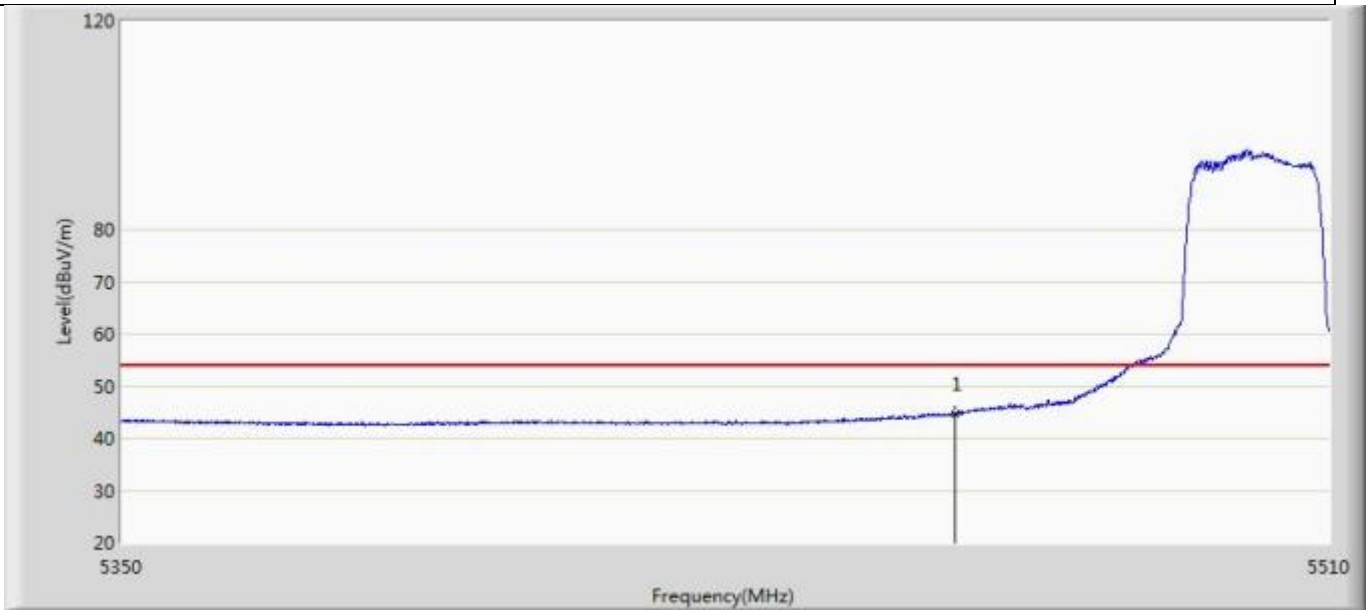
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	43.604	2.488	-10.396	54.000	41.116	AV

Profile: 2260325R	Page No.: 10
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5500MHz by 11a	



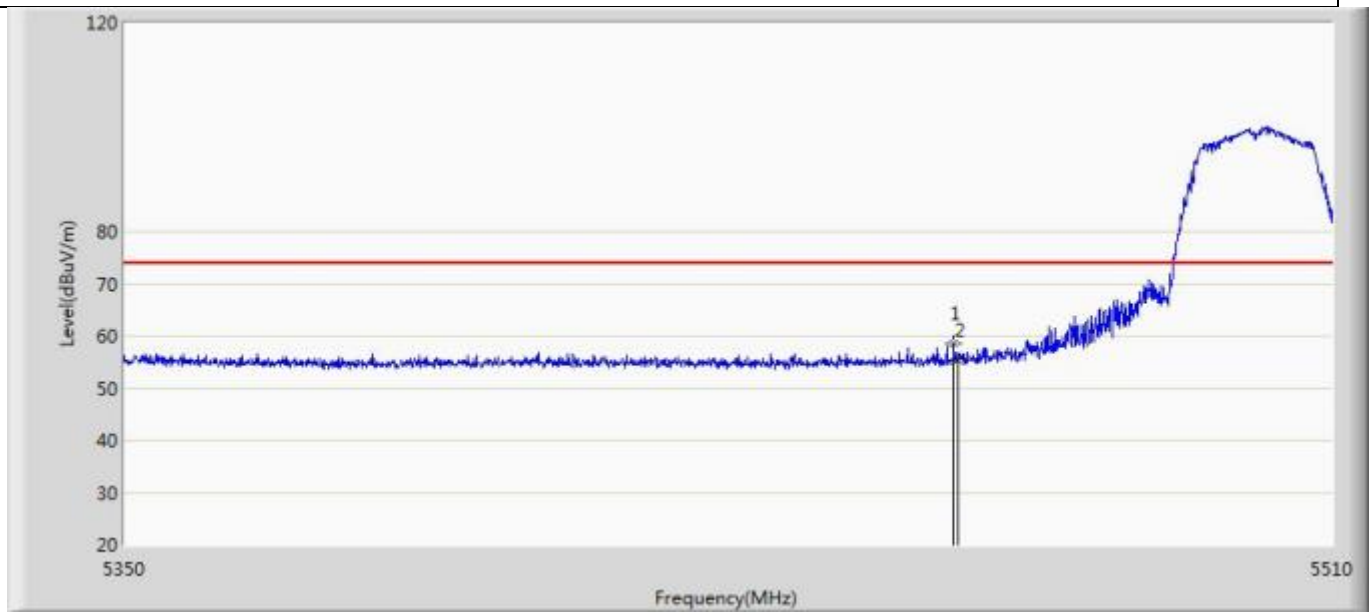
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	58.688	17.682	-15.312	74.000	41.006	PK

Profile: 2260325R	Page No.: 9
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5500MHz by 11a	



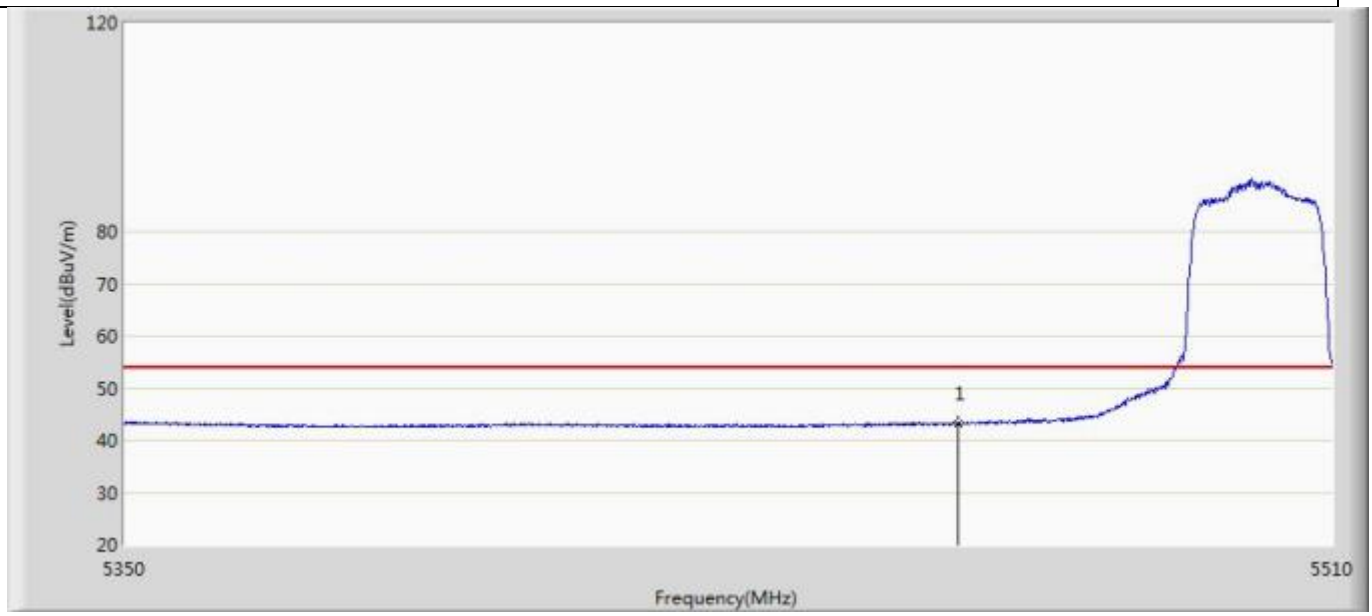
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	44.603	3.597	-9.397	54.000	41.006	AV

Profile: 2260325R	Page No.: 12
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5500MHz by 11a	



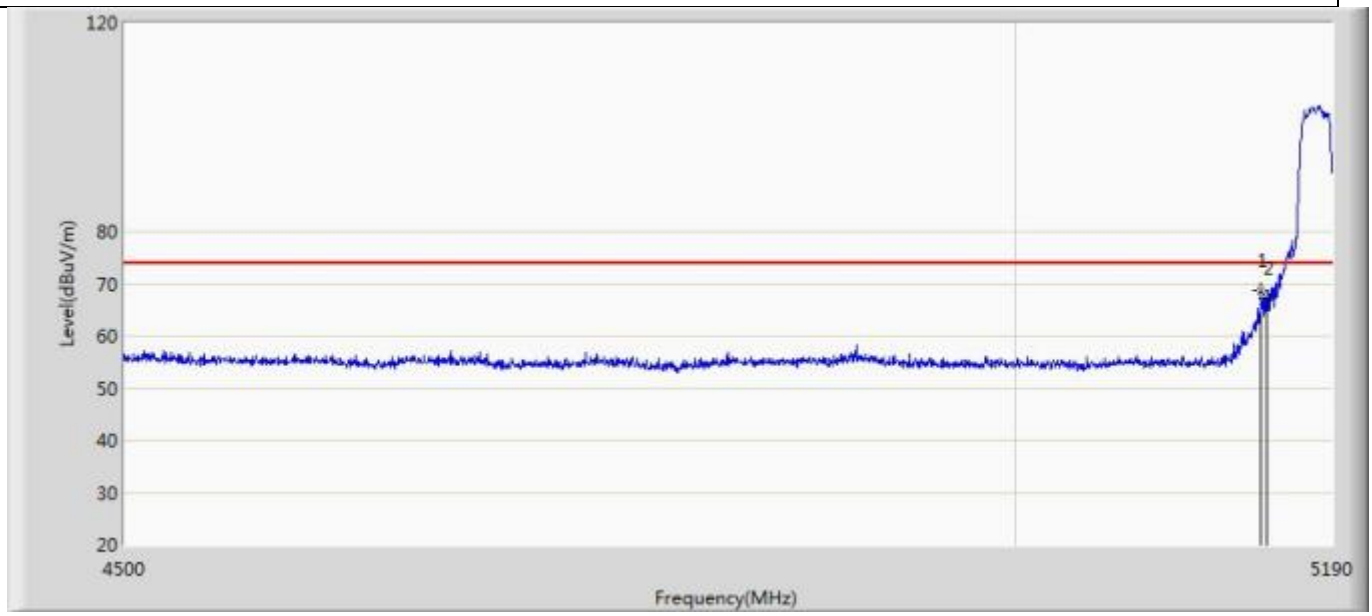
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5459.440	58.684	17.680	-15.316	74.000	41.004	PK
2		5460.000	55.218	14.212	-18.782	74.000	41.006	PK

Profile: 2260325R	Page No.: 11
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5500MHz by 11a	



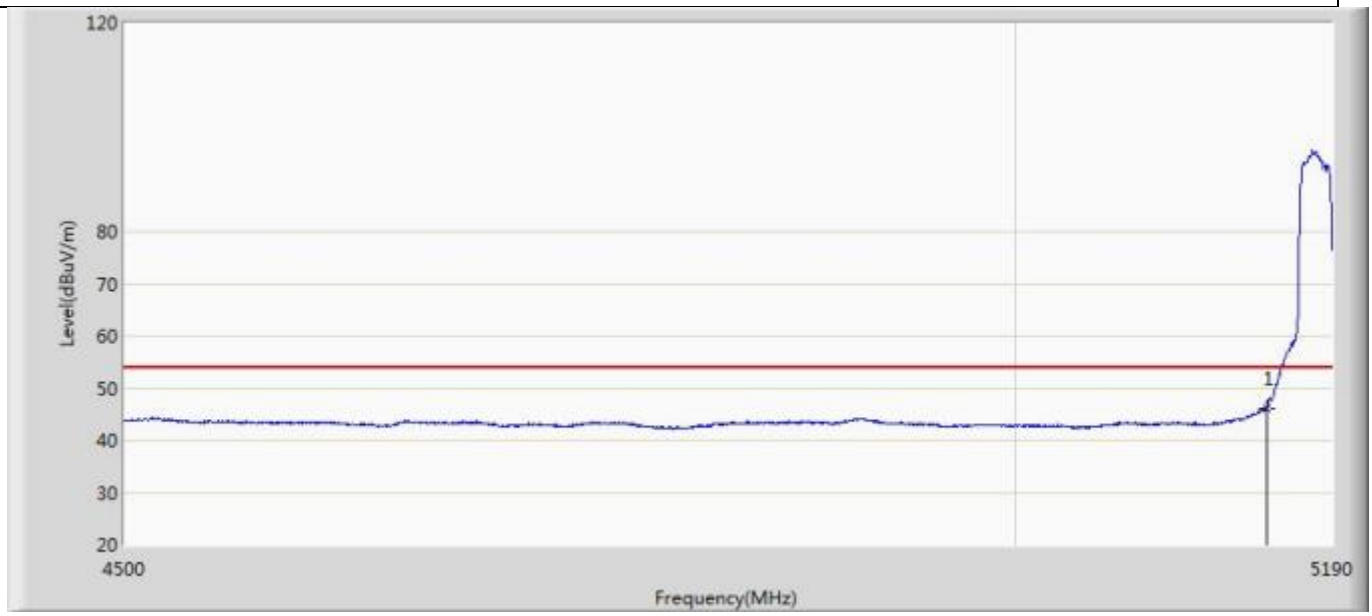
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	43.171	2.165	-10.829	54.000	41.006	AV

Profile: 2260325R	Page No.: 14
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5180MHz by 11n20	



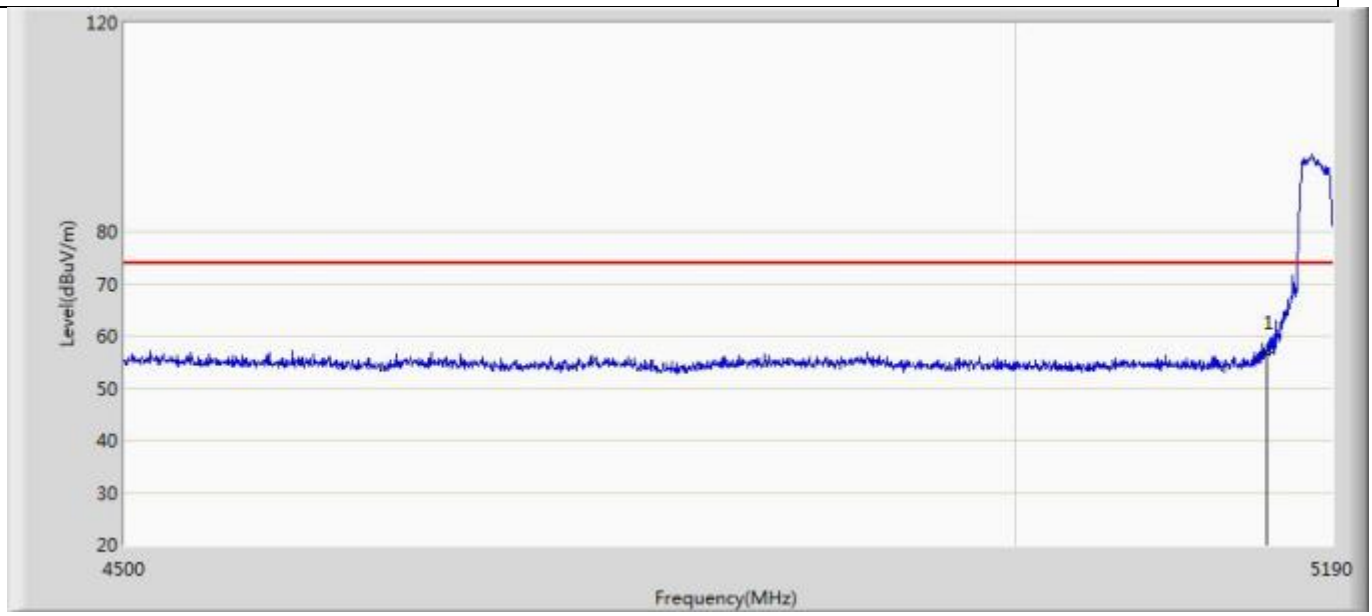
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5146.530	68.708	28.316	-5.292	74.000	40.391	PK
2		5150.000	67.154	26.693	-6.846	74.000	40.461	PK

Profile: 2260325R	Page No.: 13
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5180MHz by 11n20	



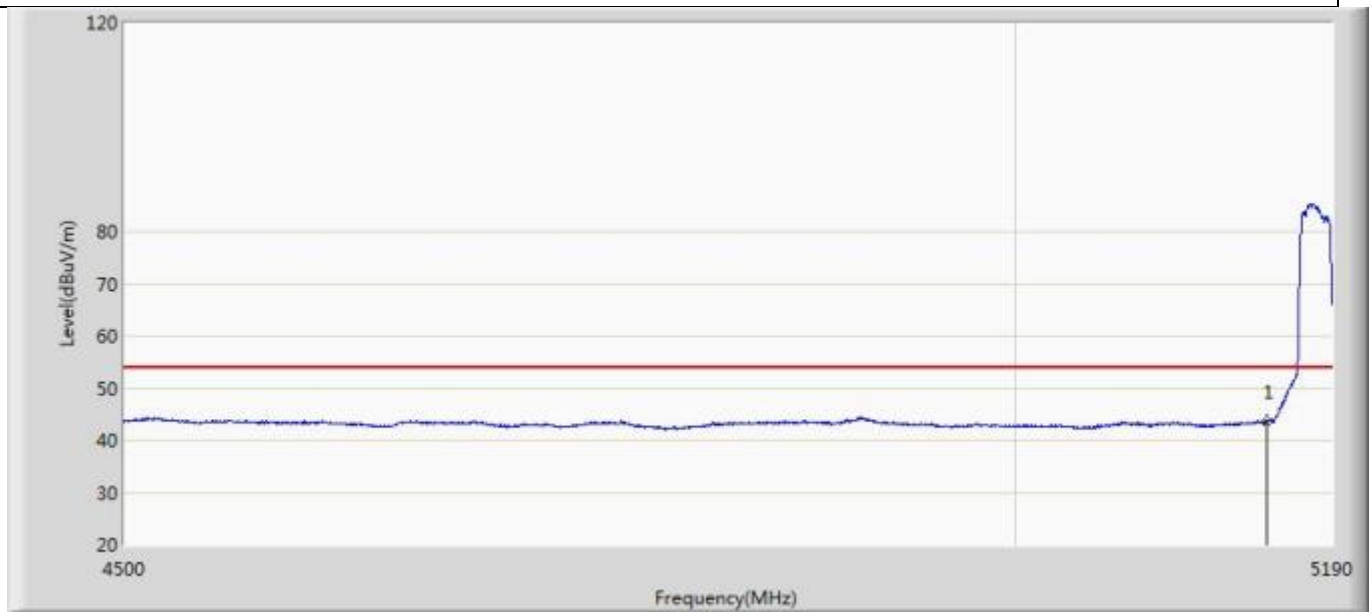
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	46.189	5.728	-7.811	54.000	40.461	AV

Profile: 2260325R	Page No.: 16
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5180MHz by 11n20	



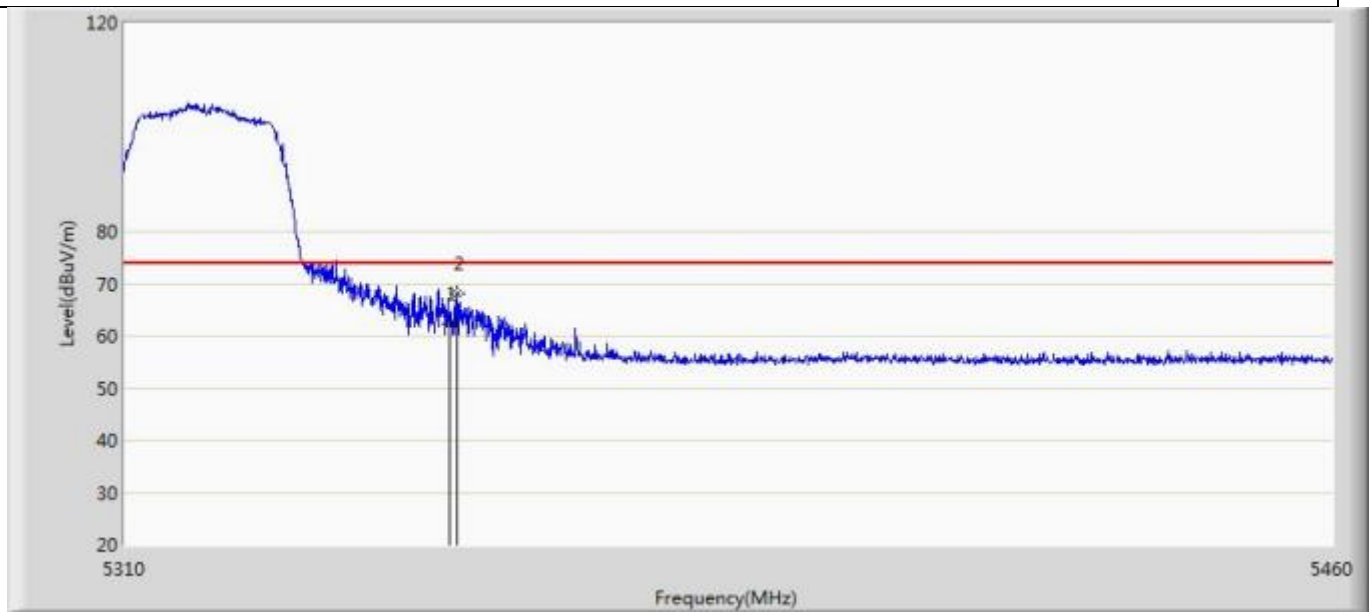
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	56.885	16.424	-17.115	74.000	40.461	PK

Profile: 2260325R	Page No.: 15
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 23:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5180MHz by 11n20	



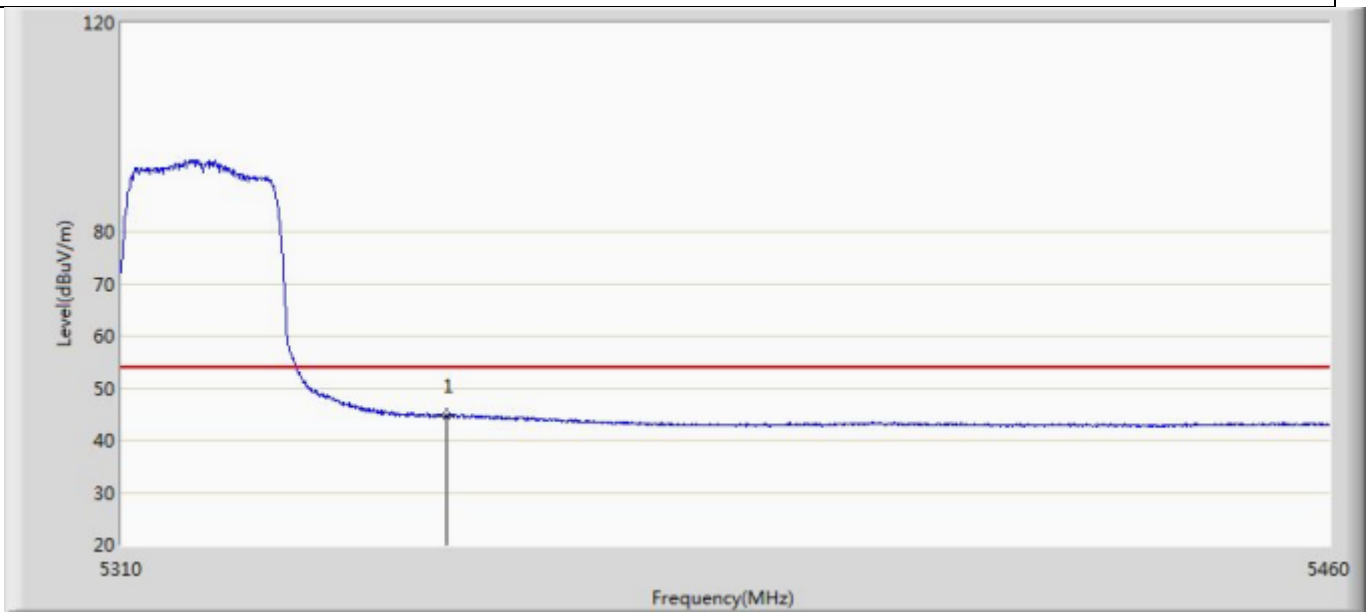
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	43.388	2.927	-10.612	54.000	40.461	AV

Profile: 2260325R	Page No.: 18
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5320MHz by 11n20	



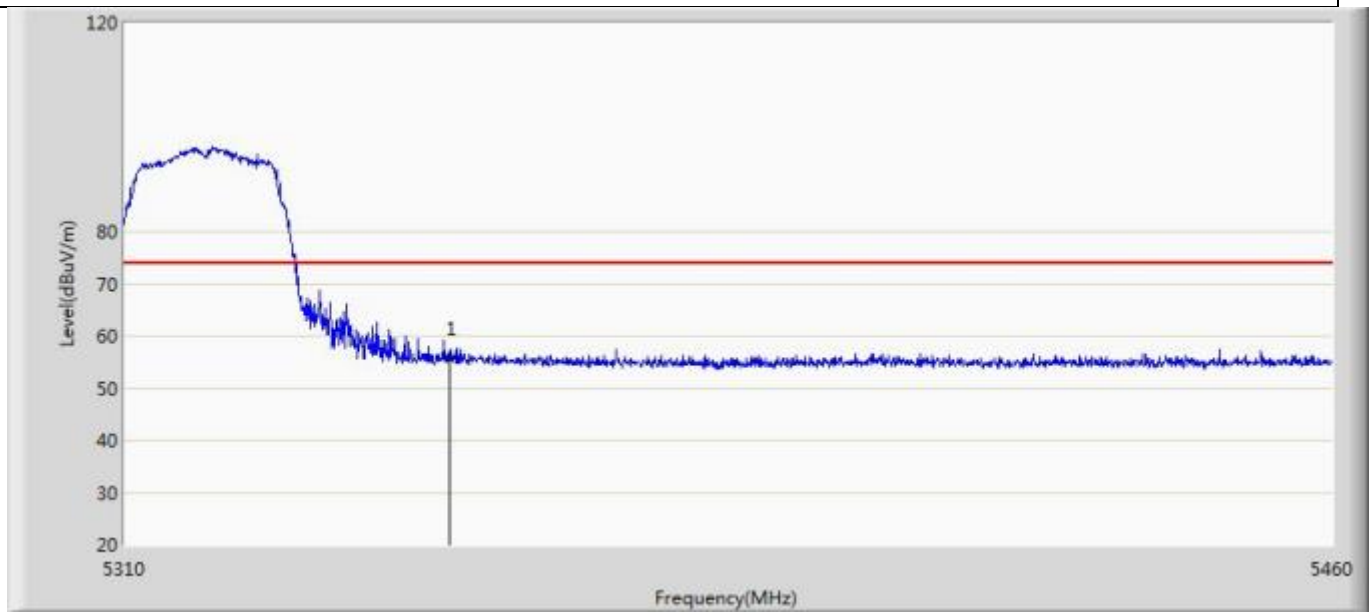
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	62.277	21.161	-11.723	74.000	41.116	PK
2	*	5350.875	68.235	27.100	-5.765	74.000	41.135	PK

Profile: 2260325R	Page No.: 17
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5320MHz by 11n20	



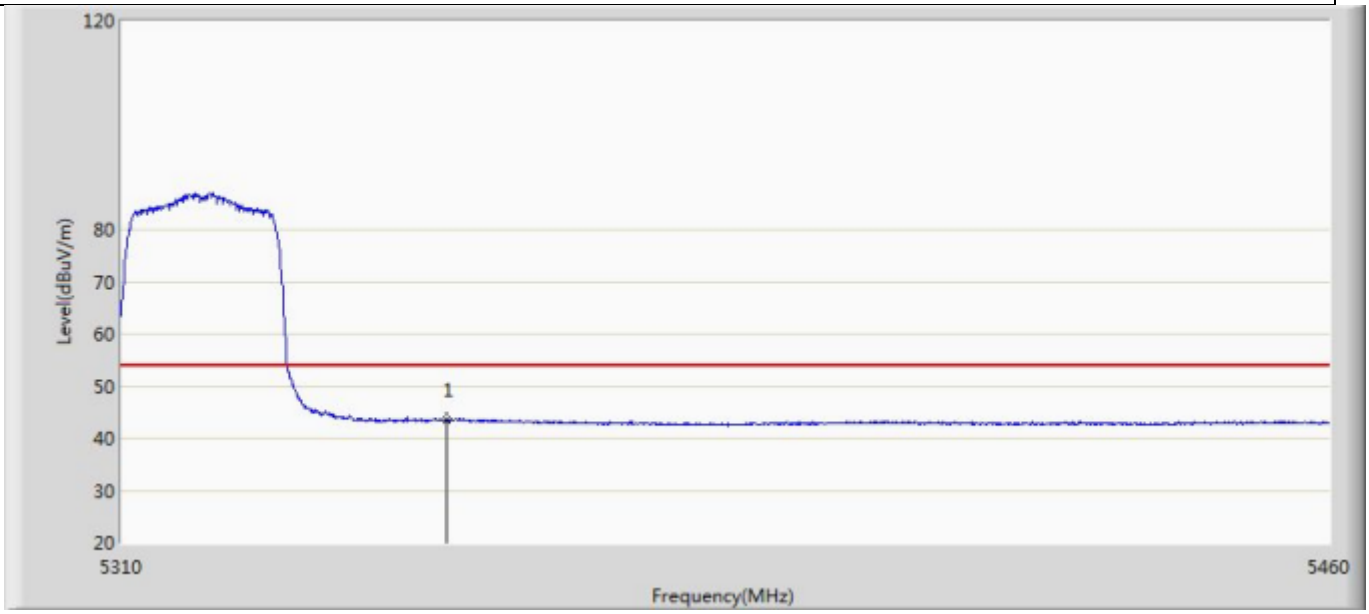
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	44.609	3.493	-9.391	54.000	41.116	AV

Profile: 2260325R	Page No.: 20
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5320MHz by 11n20	



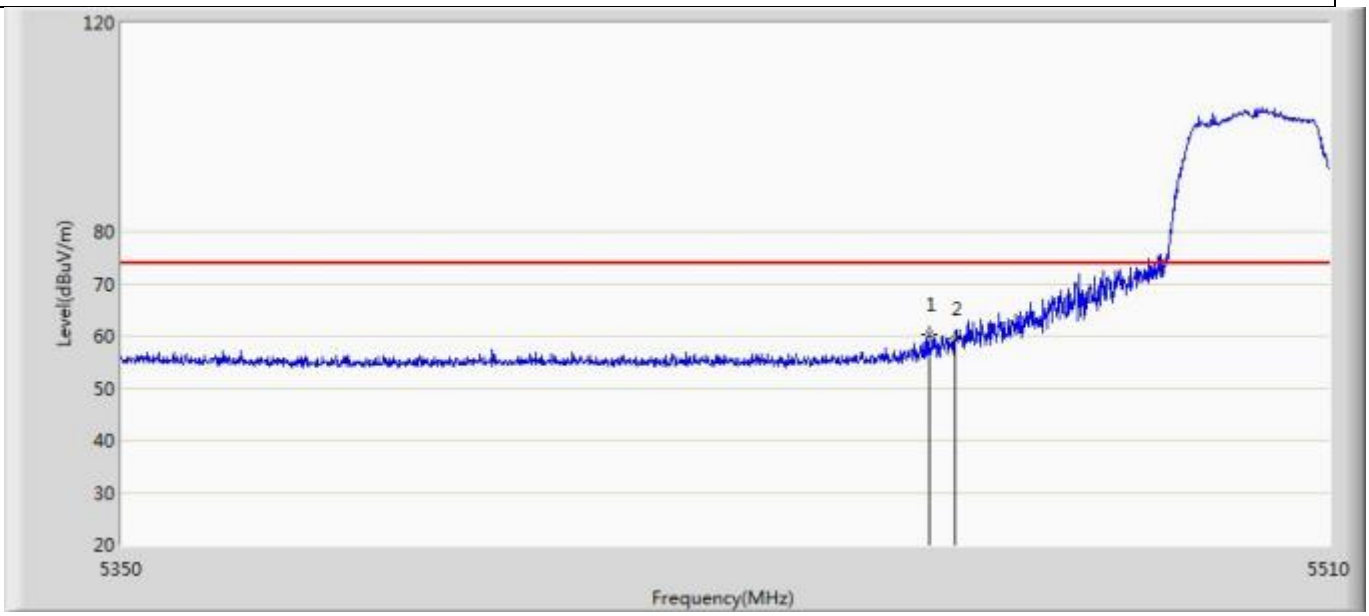
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	55.681	14.565	-18.319	74.000	41.116	PK

Profile: 2260325R	Page No.: 19
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5320MHz by 11n20	



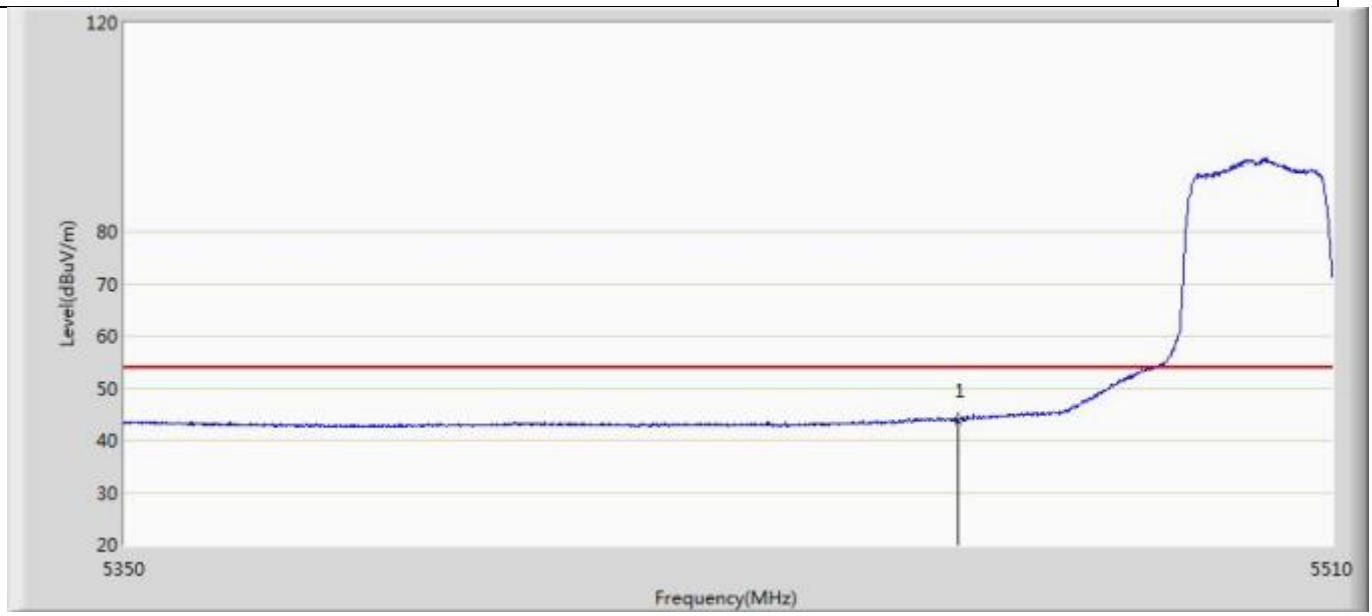
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	43.484	2.368	-10.516	54.000	41.116	AV

Profile: 2260325R	Page No.: 22
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5500MHz by 11n20	



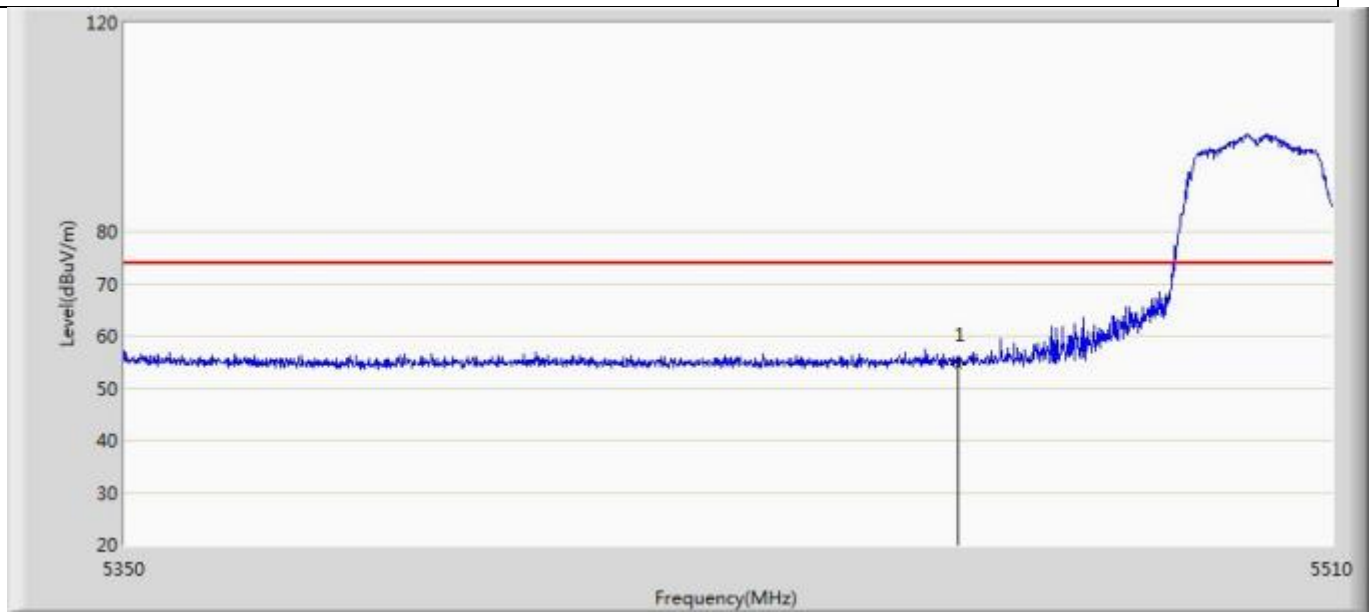
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5456.480	60.230	19.235	-13.770	74.000	40.995	PK
2		5460.000	59.368	18.362	-14.632	74.000	41.006	PK

Profile: 2260325R	Page No.: 21
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5500MHz by 11n20	



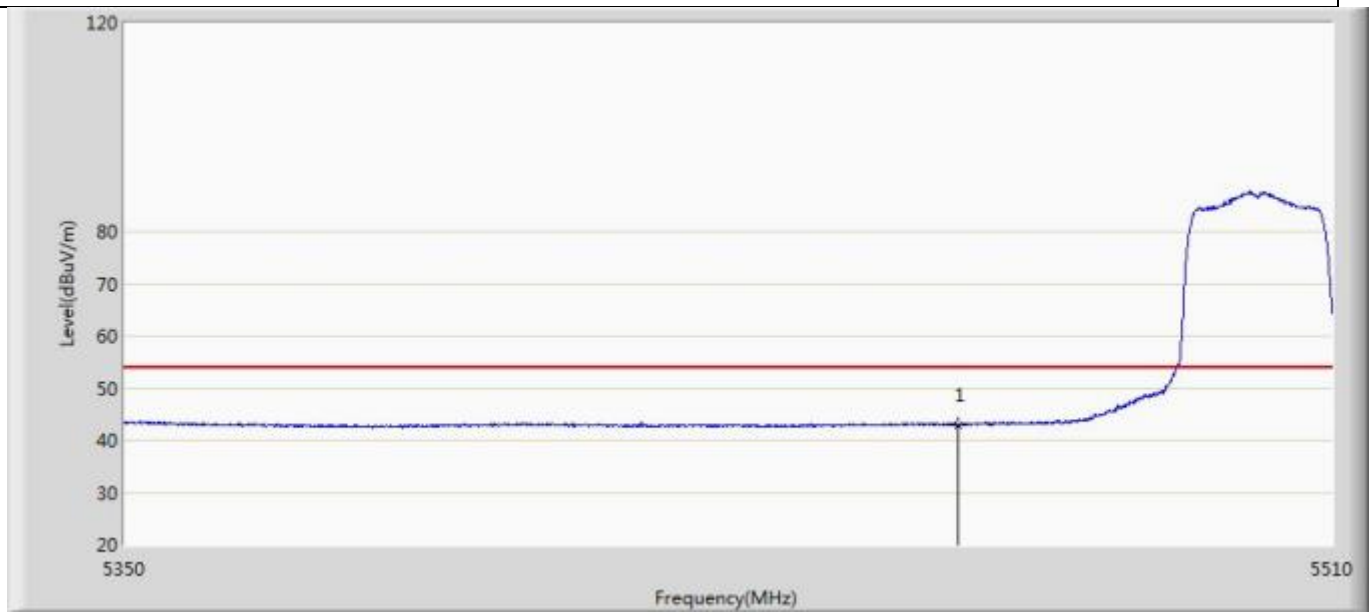
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	43.872	2.866	-10.128	54.000	41.006	AV

Profile: 2260325R	Page No.: 24
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5500MHz by 11n20	



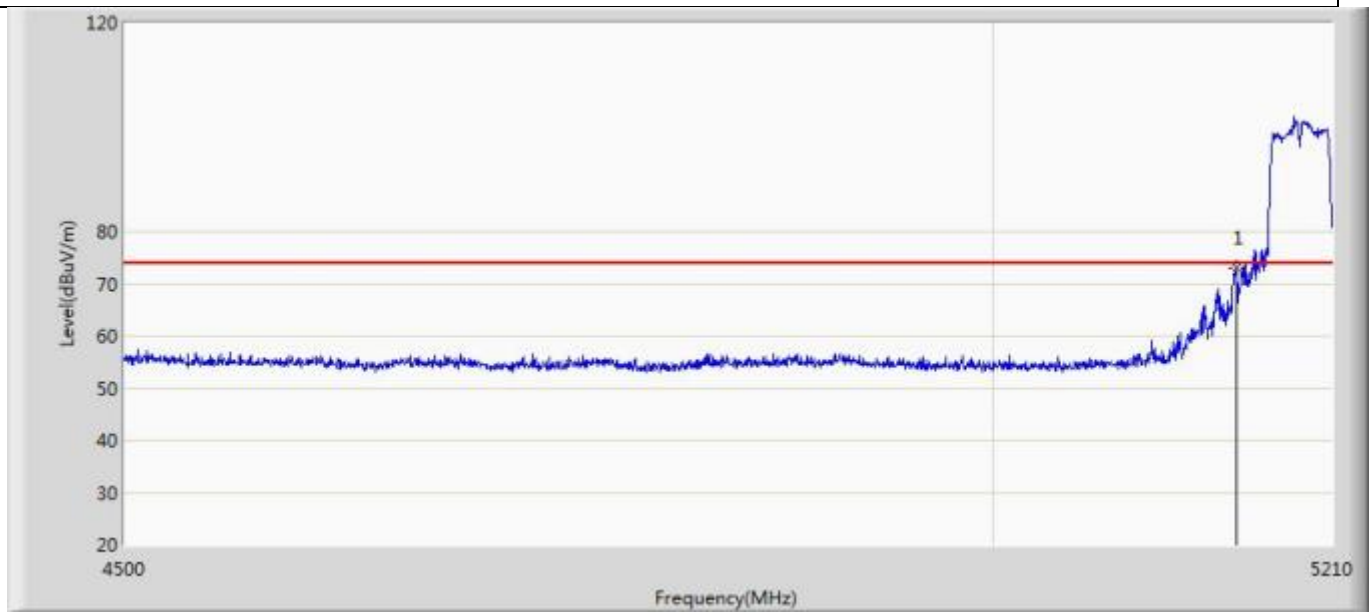
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	54.470	13.464	-19.530	74.000	41.006	PK

Profile: 2260325R	Page No.: 23
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5500MHz by 11n20	



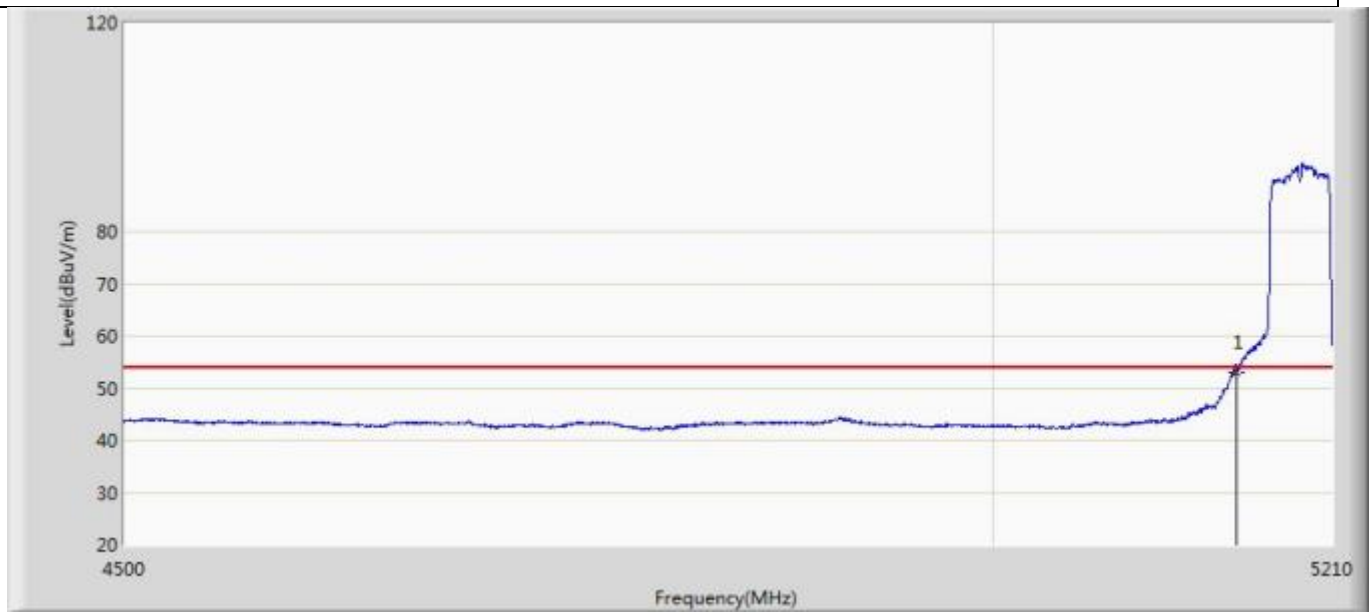
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	43.038	2.032	-10.962	54.000	41.006	AV

Profile: 2260325R	Page No.: 26
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5190MHz by 11n40	



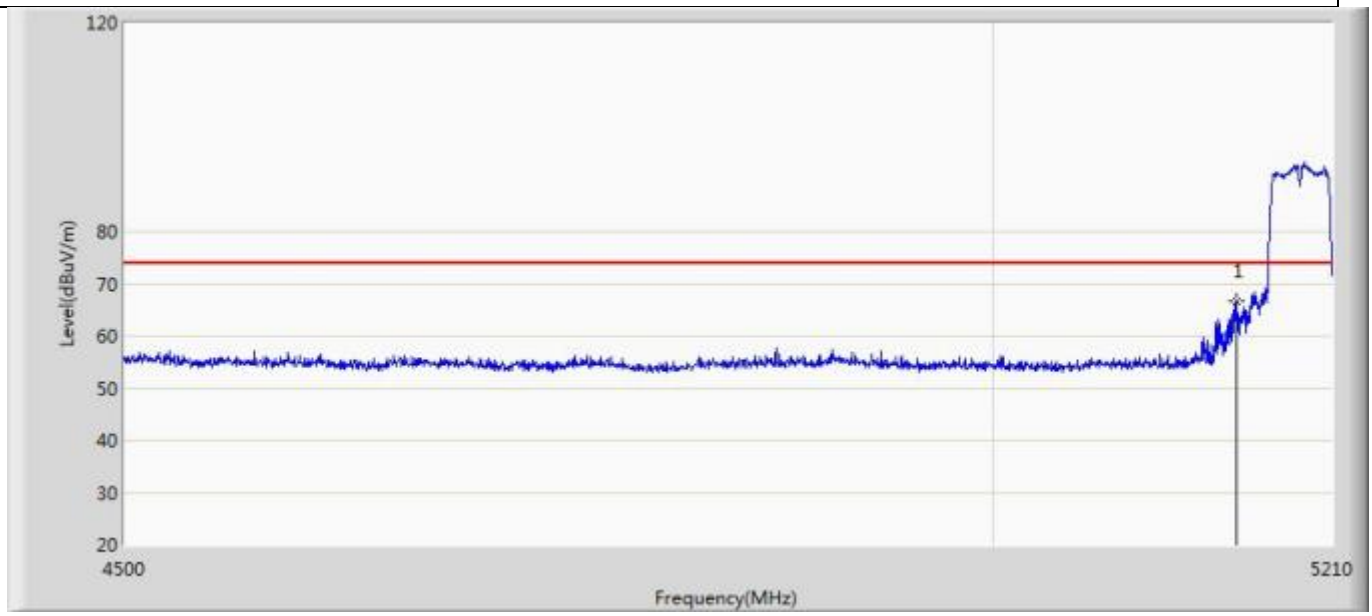
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	72.932	32.471	-1.068	74.000	40.461	PK

Profile: 2260325R	Page No.: 25
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5190MHz by 11n40	



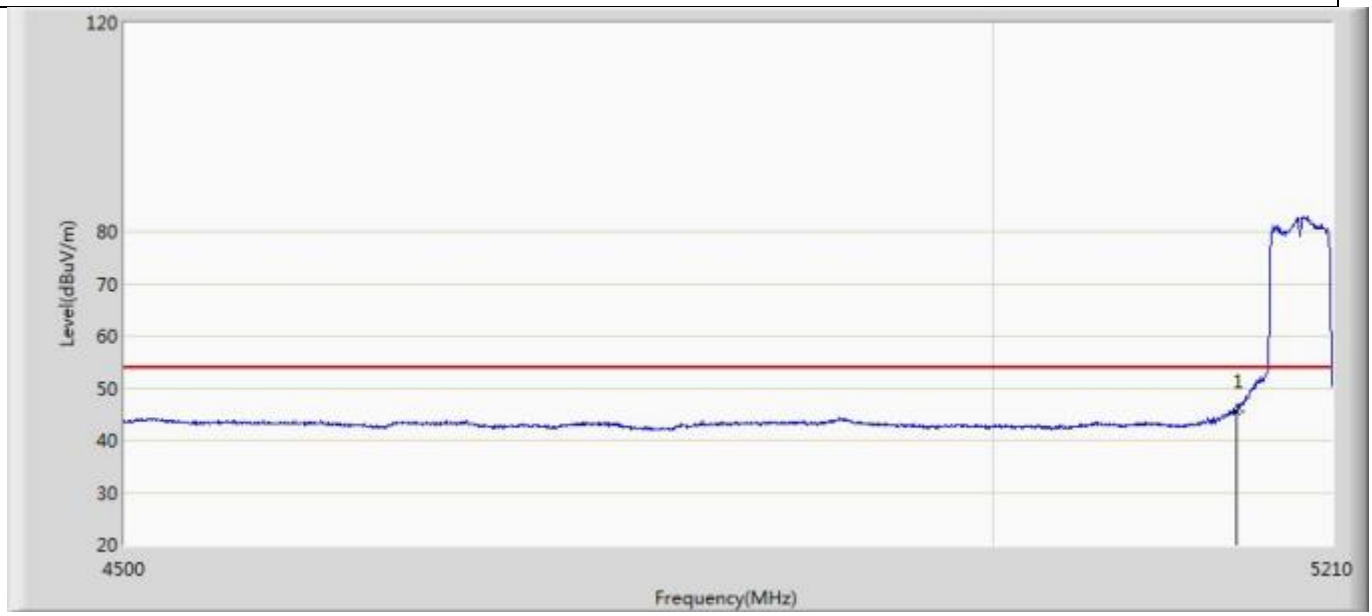
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	52.939	12.478	-1.061	54.000	40.461	AV

Profile: 2260325R	Page No.: 28
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5190MHz by 11n40	



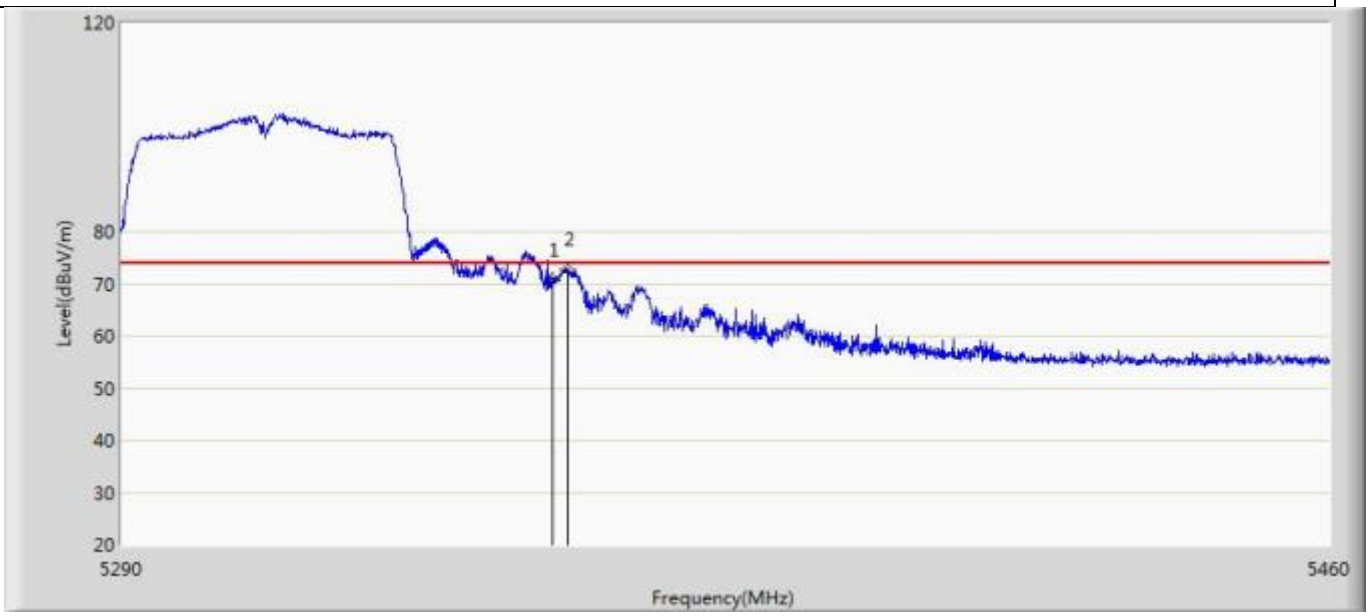
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	66.656	26.195	-7.344	74.000	40.461	PK

Profile: 2260325R	Page No.: 27
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5190MHz by 11n40	



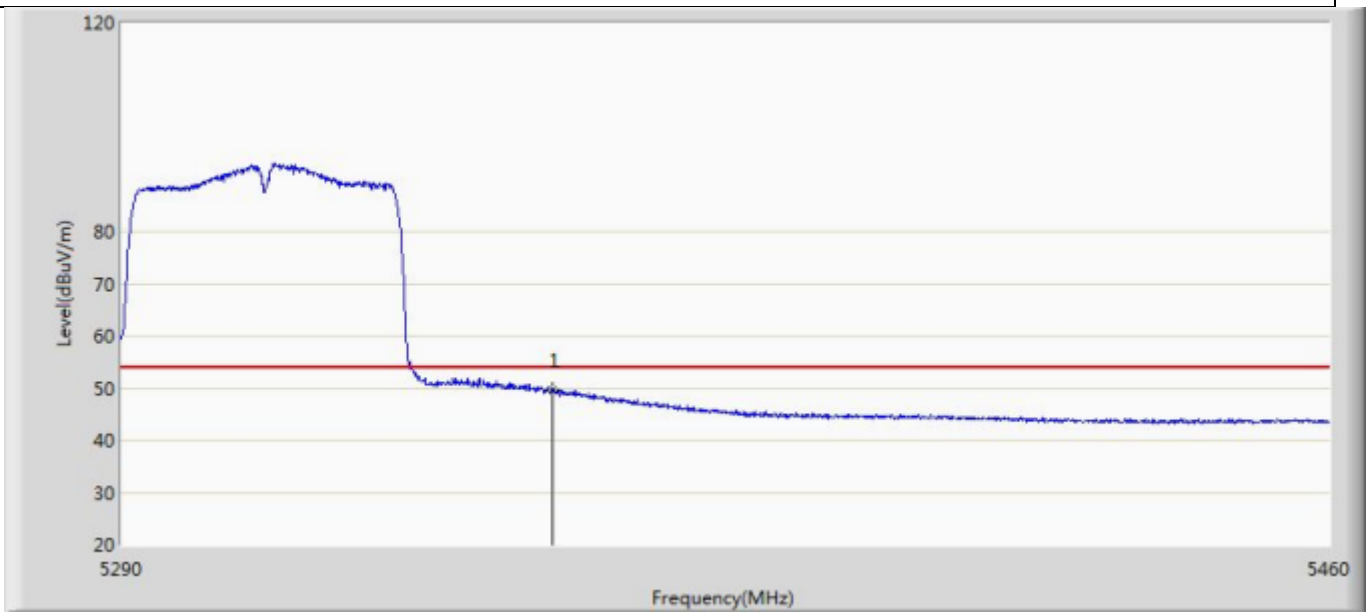
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	45.370	4.909	-8.630	54.000	40.461	AV

Profile: 2260325R	Page No.: 30
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5310MHz by 11n40	



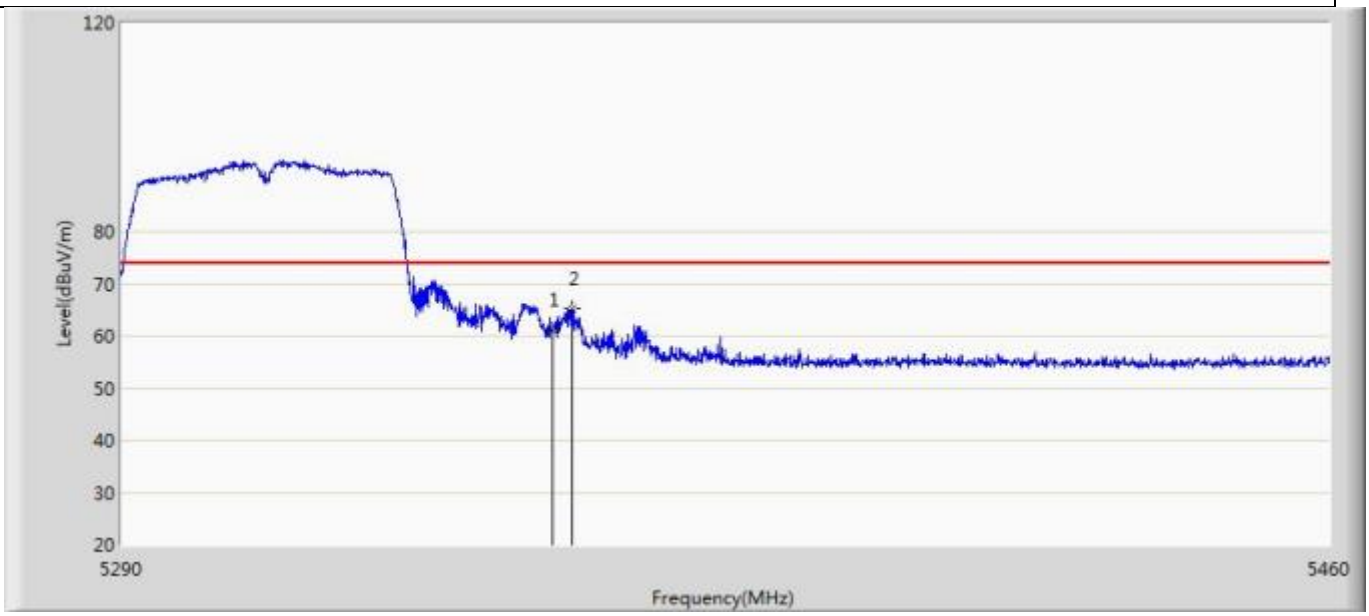
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	70.836	29.720	-3.164	74.000	41.116	PK
2	*	5352.305	72.874	31.723	-1.126	74.000	41.152	PK

Profile: 2260325R	Page No.: 29
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5310MHz by 11n40	



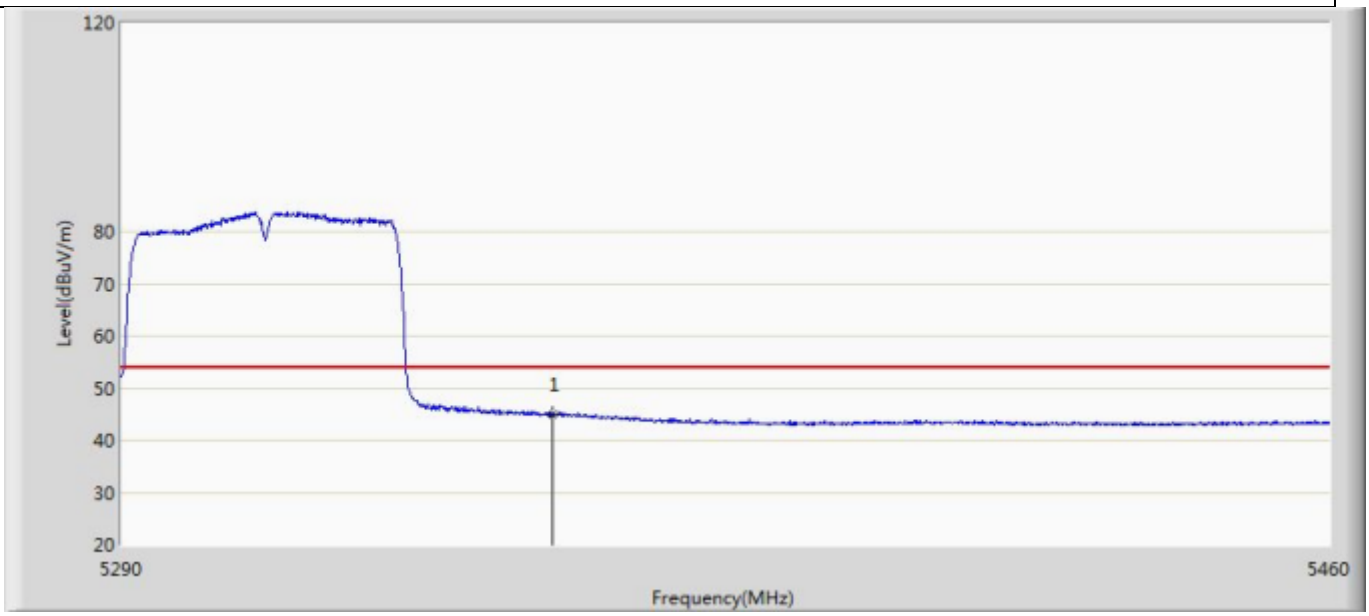
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	49.686	8.570	-4.314	54.000	41.116	AV

Profile: 2260325R	Page No.: 32
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5310MHz by 11n40	



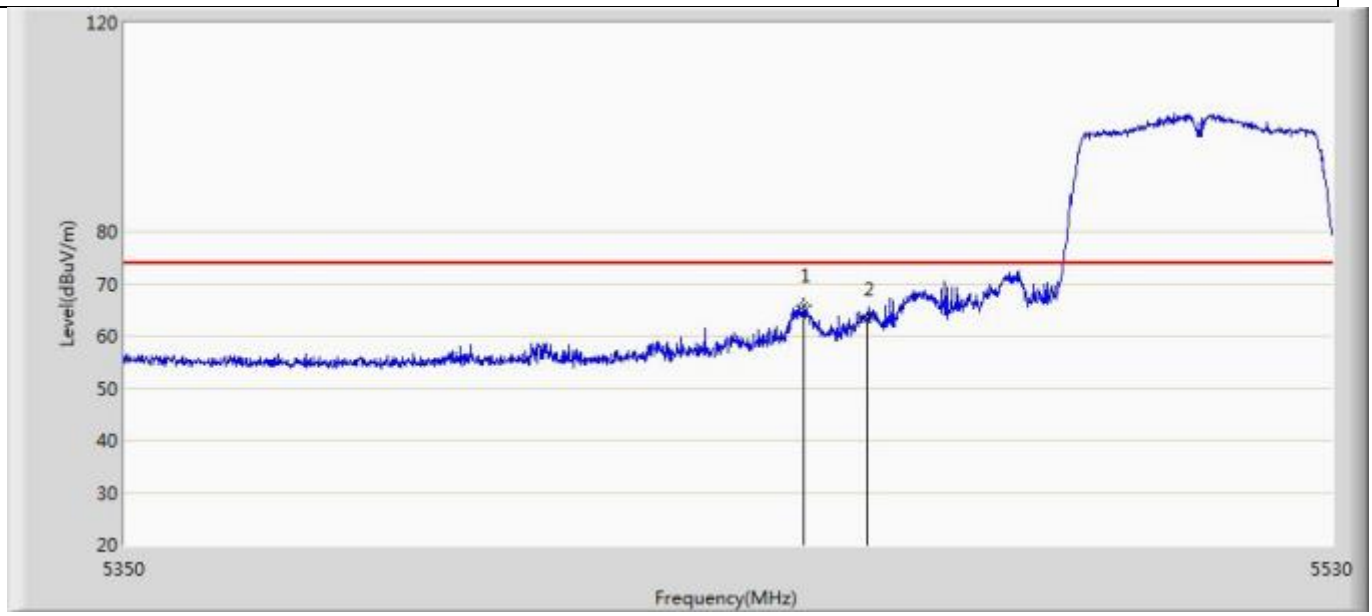
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	61.228	20.112	-12.772	74.000	41.116	PK
2	*	5352.815	65.236	24.096	-8.764	74.000	41.140	PK

Profile: 2260325R	Page No.: 31
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5310MHz by 11n40	



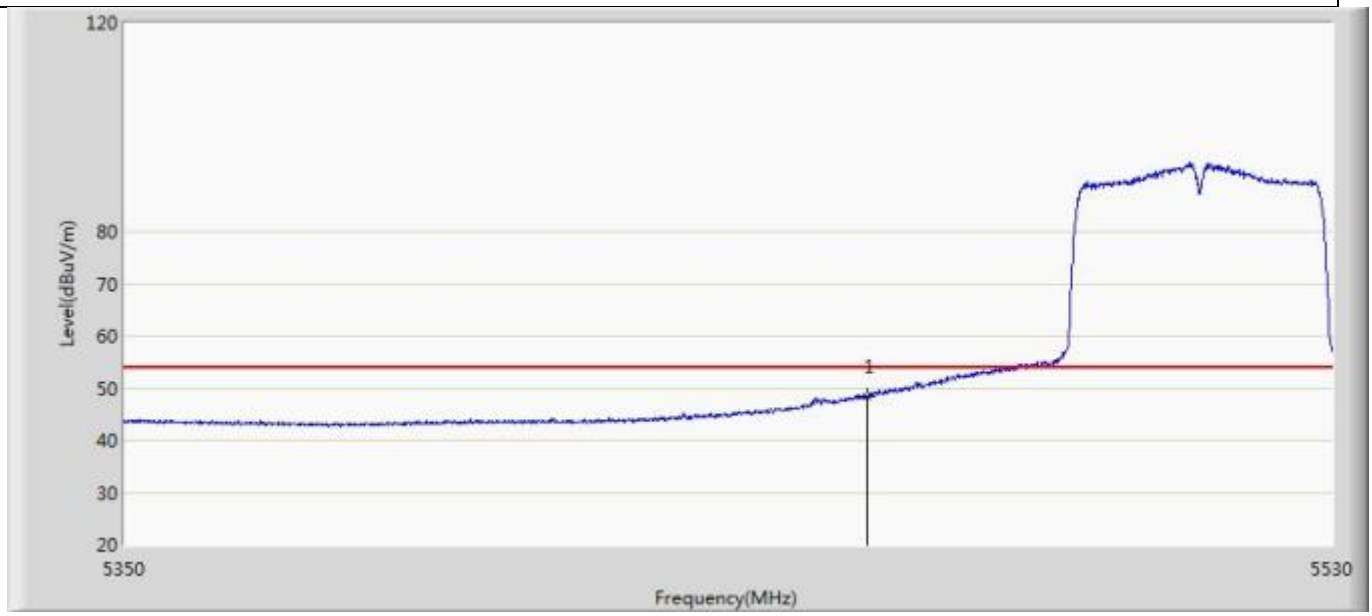
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	45.050	3.934	-8.950	54.000	41.116	AV

Profile: 2260325R	Page No.: 34
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5510MHz by 11n40	



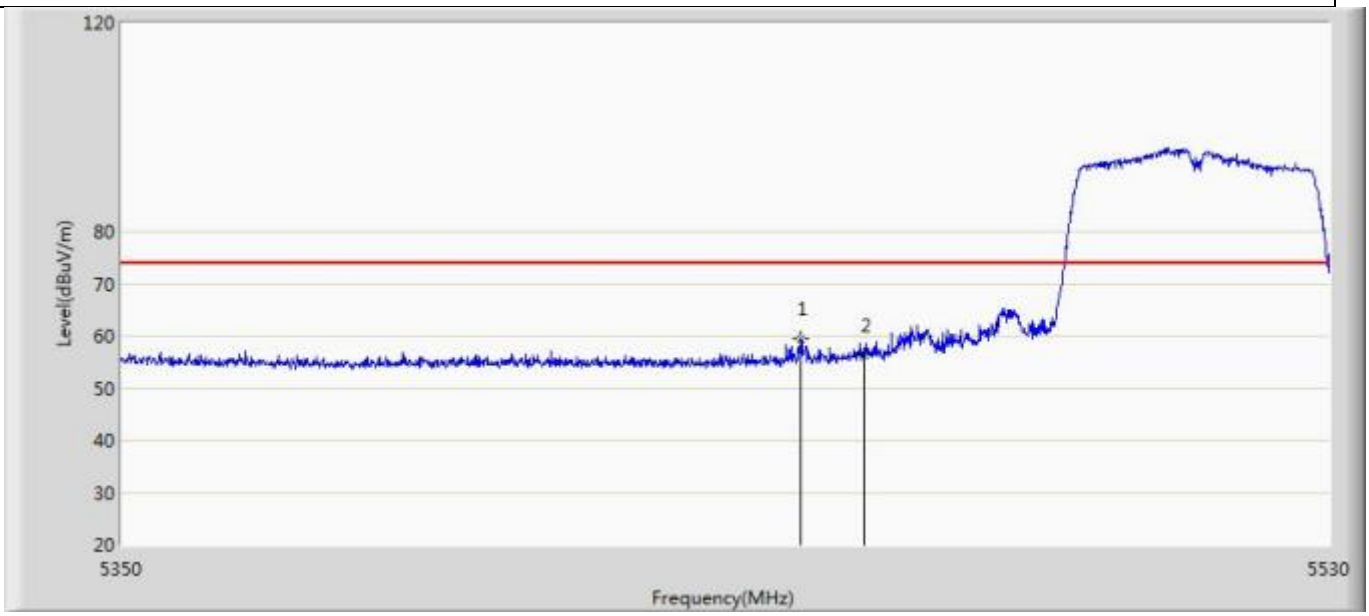
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5450.530	65.739	24.808	-8.261	74.000	40.931	PK
2		5460.000	63.267	22.261	-10.733	74.000	41.006	PK

Profile: 2260325R	Page No.: 33
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5510MHz by 11n40	



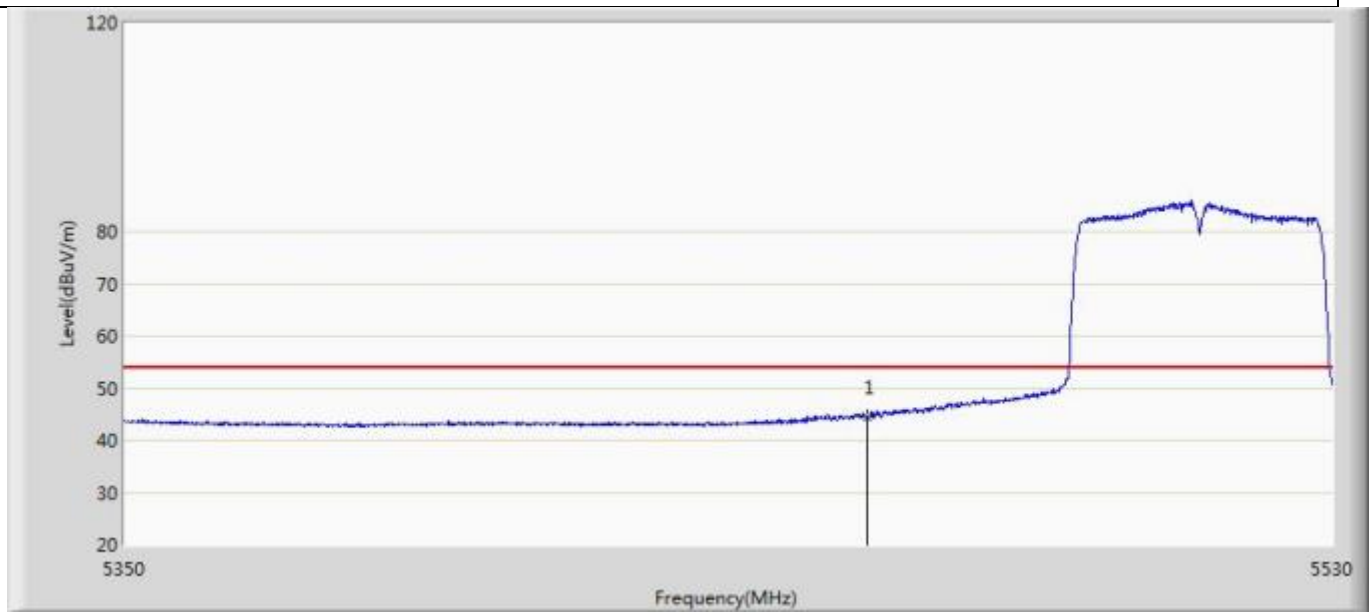
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	48.317	7.311	-5.683	54.000	41.006	AV

Profile: 2260325R	Page No.: 36
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5510MHz by 11n40	



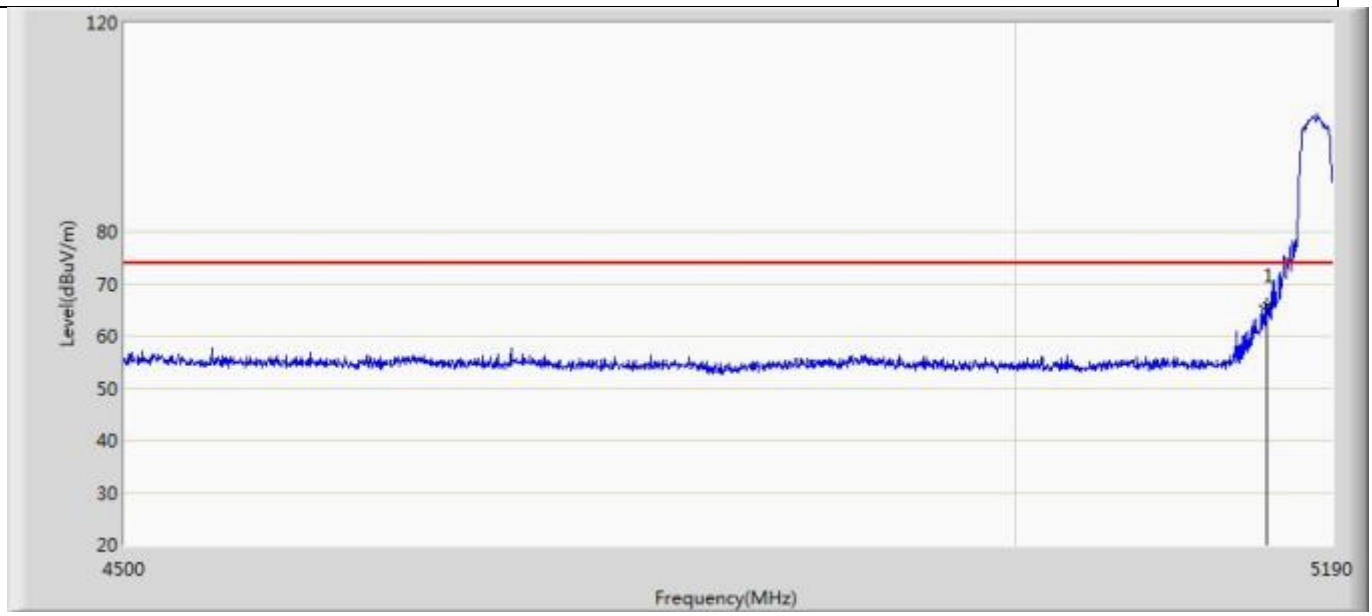
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5450.440	59.542	18.612	-14.458	74.000	40.930	PK
2		5460.000	56.276	15.270	-17.724	74.000	41.006	PK

Profile: 2260325R	Page No.: 35
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5510MHz by 11n40	



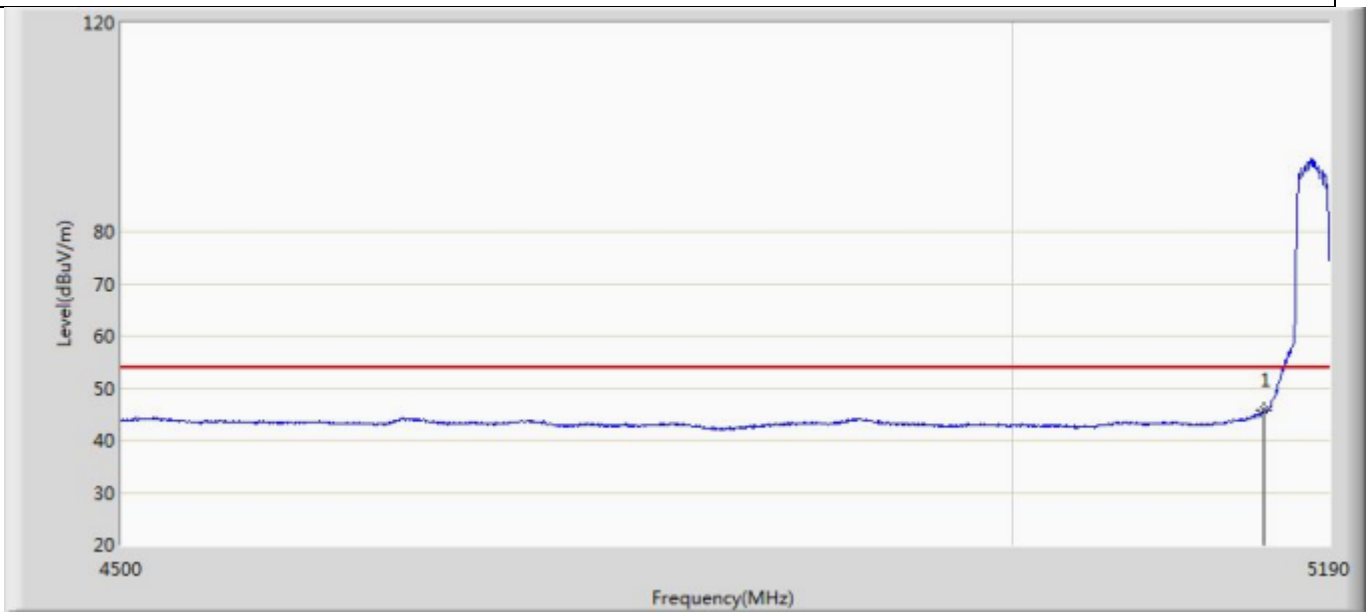
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	44.475	3.469	-9.525	54.000	41.006	AV

Profile: 2260325R	Page No.: 38
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5180MHz by 11ac20	



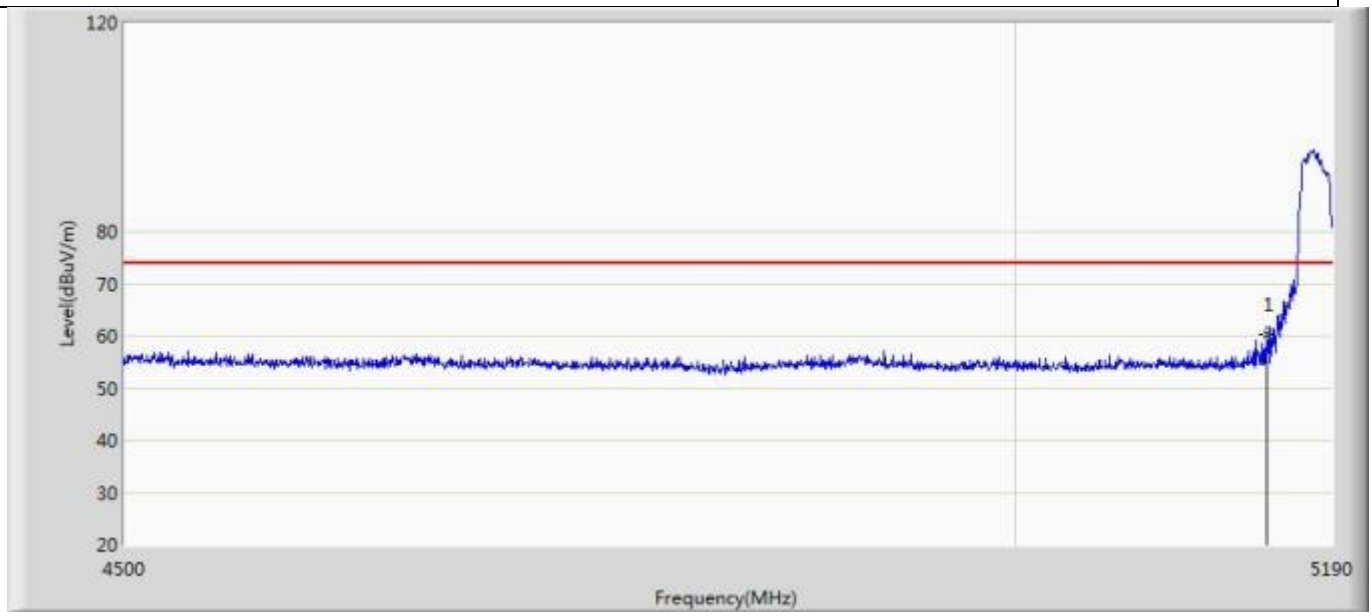
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	65.914	25.453	-8.086	74.000	40.461	PK

Profile: 2260325R	Page No.: 37
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5180MHz by 11ac20	



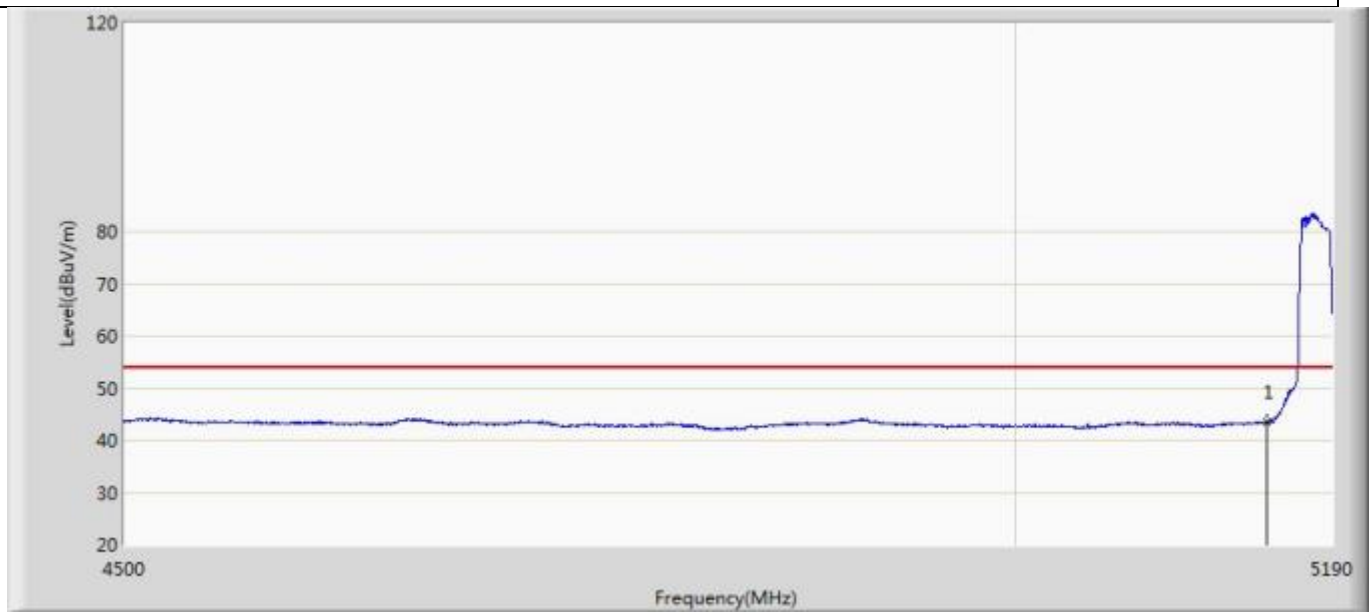
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	45.859	5.398	-8.141	54.000	40.461	AV

Profile: 2260325R	Page No.: 40
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5180MHz by 11ac20	



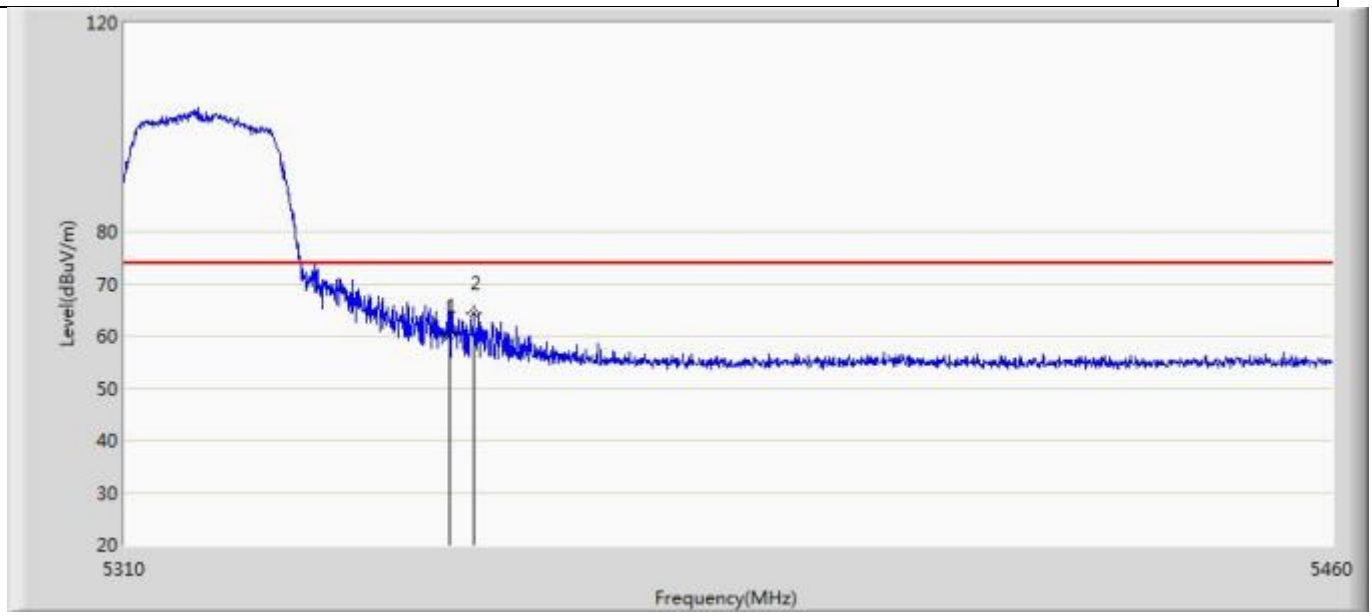
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	60.336	19.875	-13.664	74.000	40.461	PK

Profile: 2260325R	Page No.: 39
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5180MHz by 11ac20	



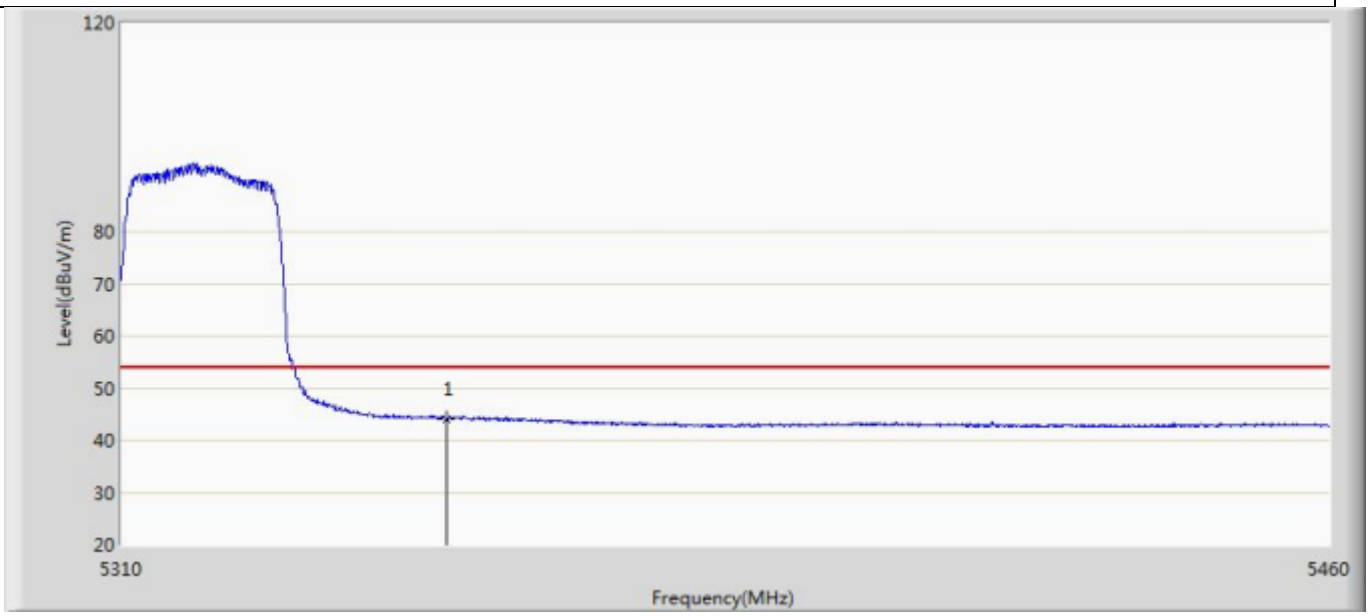
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	43.516	3.055	-10.484	54.000	40.461	AV

Profile: 2260325R	Page No.: 42
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5320MHz by 11ac20	



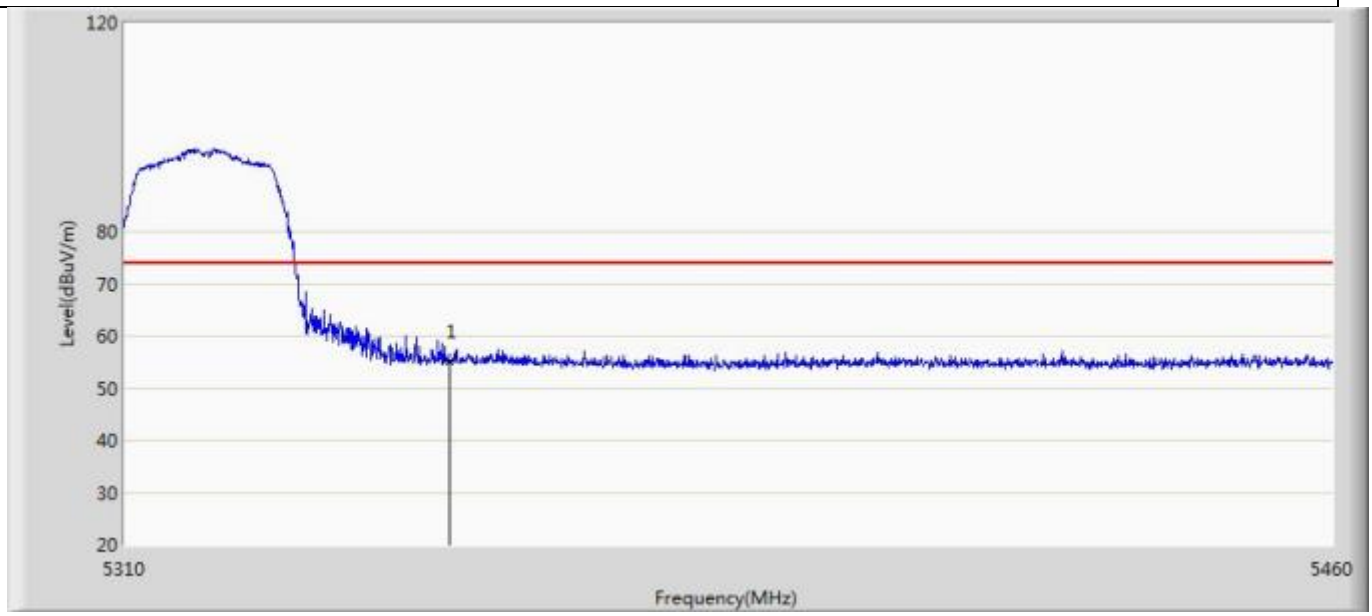
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	60.077	18.961	-13.923	74.000	41.116	PK
2	*	5352.975	64.332	23.195	-9.668	74.000	41.137	PK

Profile: 2260325R	Page No.: 41
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5320MHz by 11ac20	



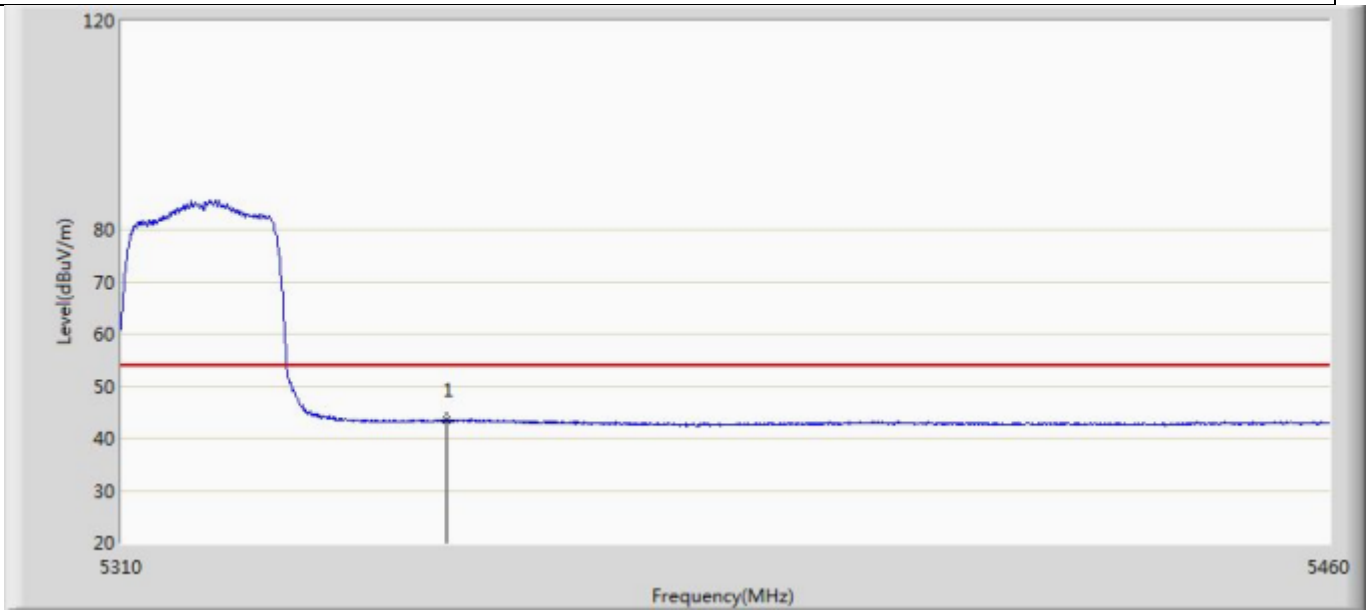
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	44.164	3.048	-9.836	54.000	41.116	AV

Profile: 2260325R	Page No.: 44
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5320MHz by 11ac20	



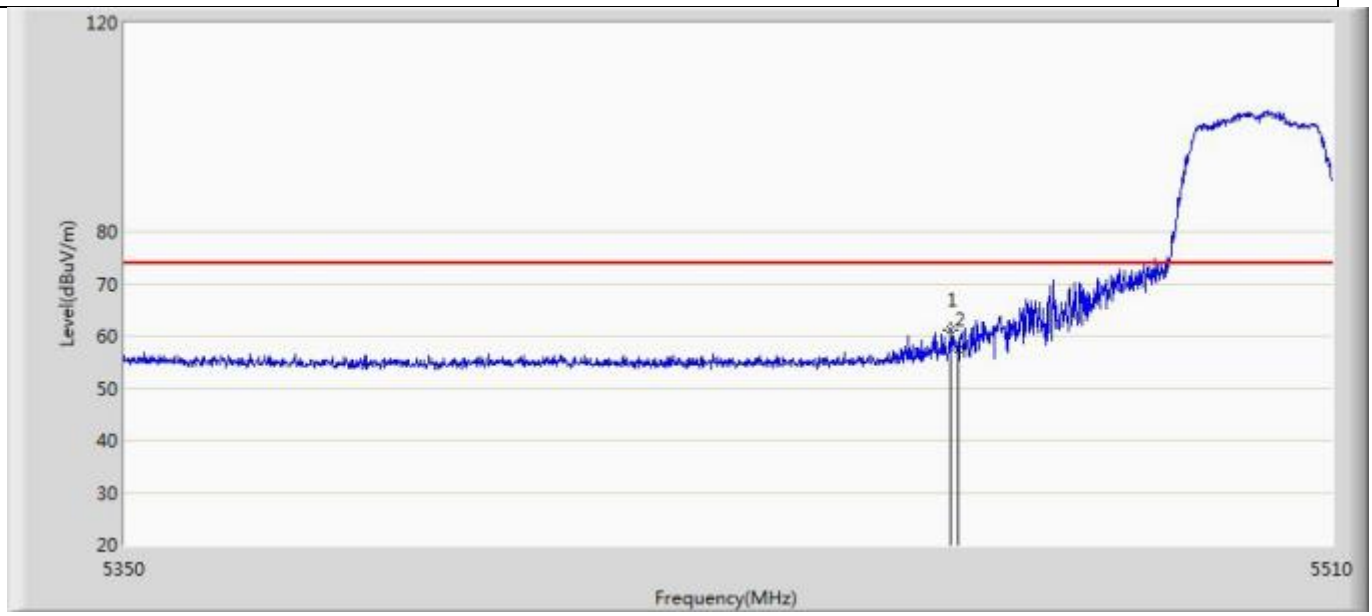
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	55.089	13.973	-18.911	74.000	41.116	PK

Profile: 2260325R	Page No.: 43
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5320MHz by 11ac20	



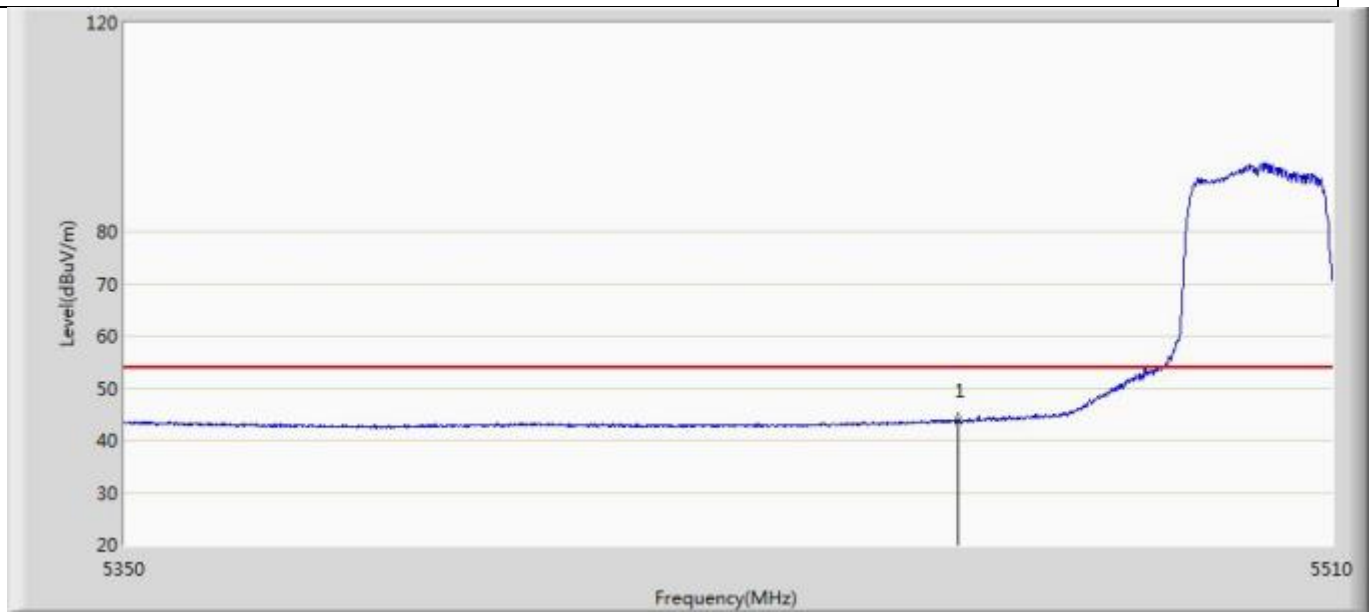
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	43.530	2.414	-10.470	54.000	41.116	AV

Profile: 2260325R	Page No.: 46
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5500MHz by 11ac20	



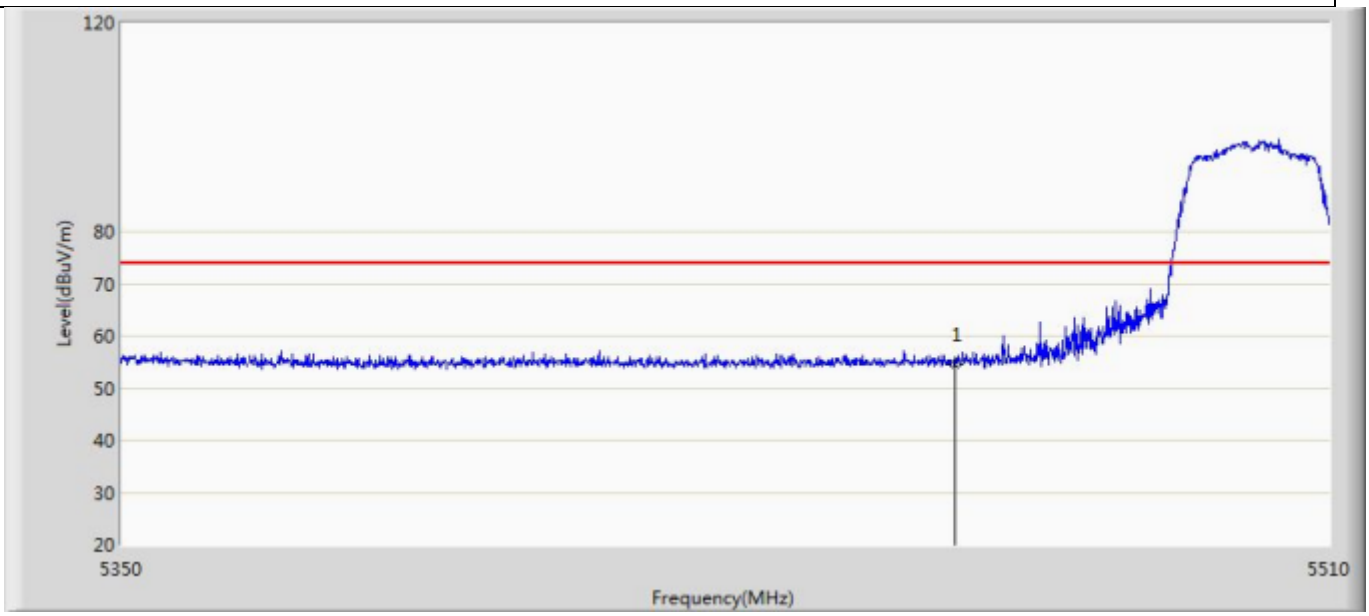
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5458.960	61.228	20.225	-12.772	74.000	41.003	PK
2		5460.000	57.339	16.333	-16.661	74.000	41.006	PK

Profile: 2260325R	Page No.: 45
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5500MHz by 11ac20	



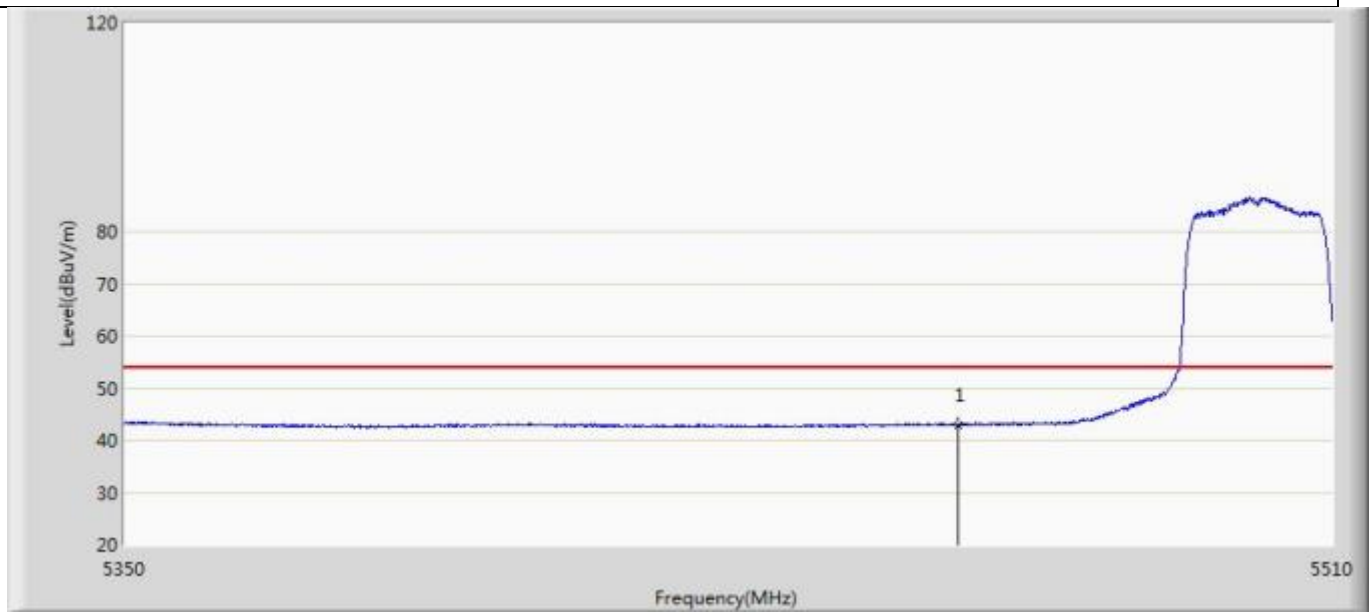
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	43.646	2.640	-10.354	54.000	41.006	AV

Profile: 2260325R	Page No.: 48
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5500MHz by 11ac20	



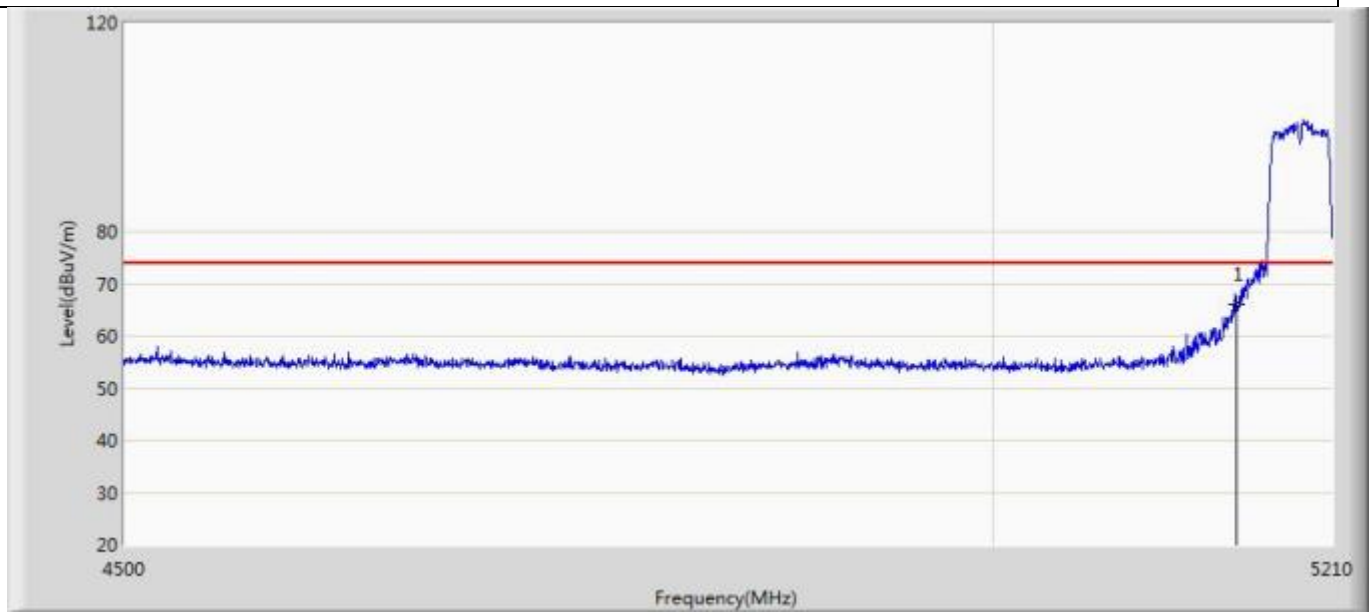
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	54.615	13.609	-19.385	74.000	41.006	PK

Profile: 2260325R	Page No.: 47
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5500MHz by 11ac20	



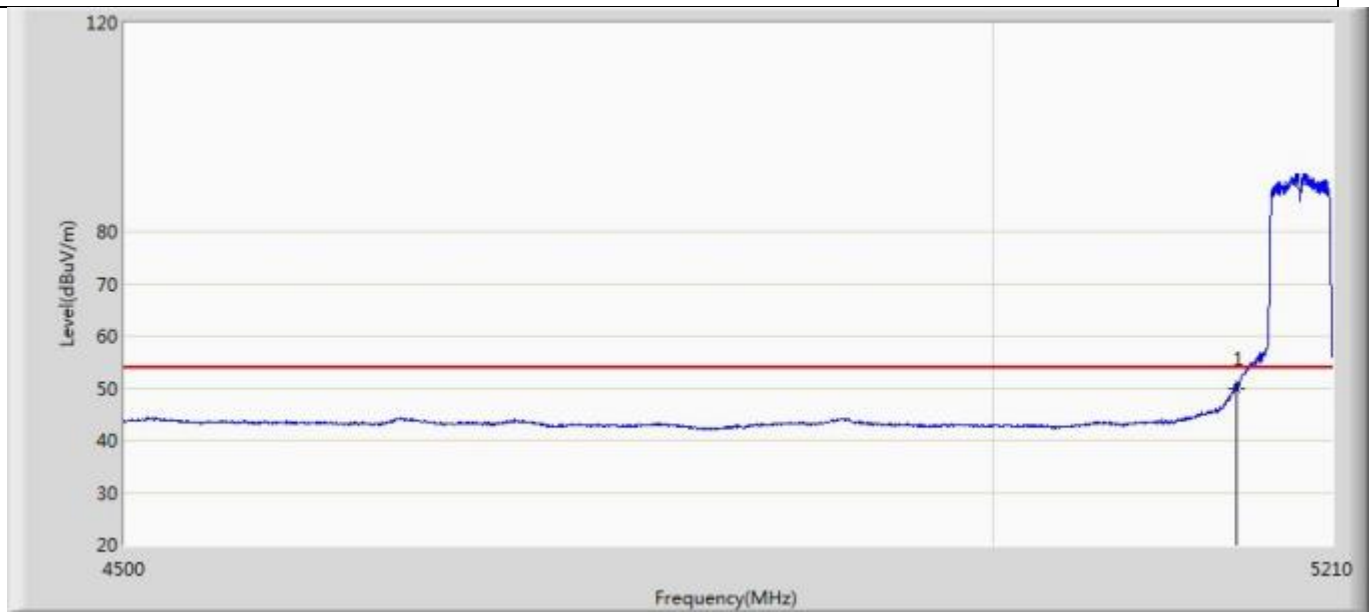
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	42.989	1.983	-11.011	54.000	41.006	AV

Profile: 2260325R	Page No.: 50
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5190MHz by 11ac40	



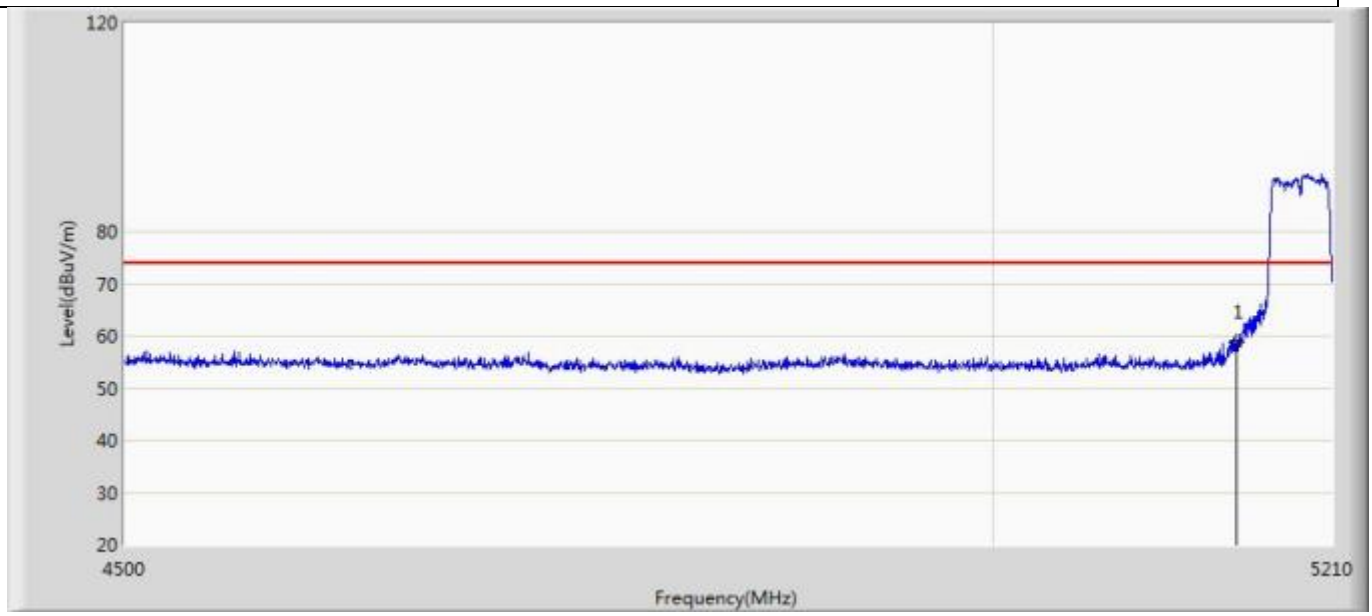
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	65.967	25.506	-8.033	74.000	40.461	PK

Profile: 2260325R	Page No.: 49
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5190MHz by 11ac40	



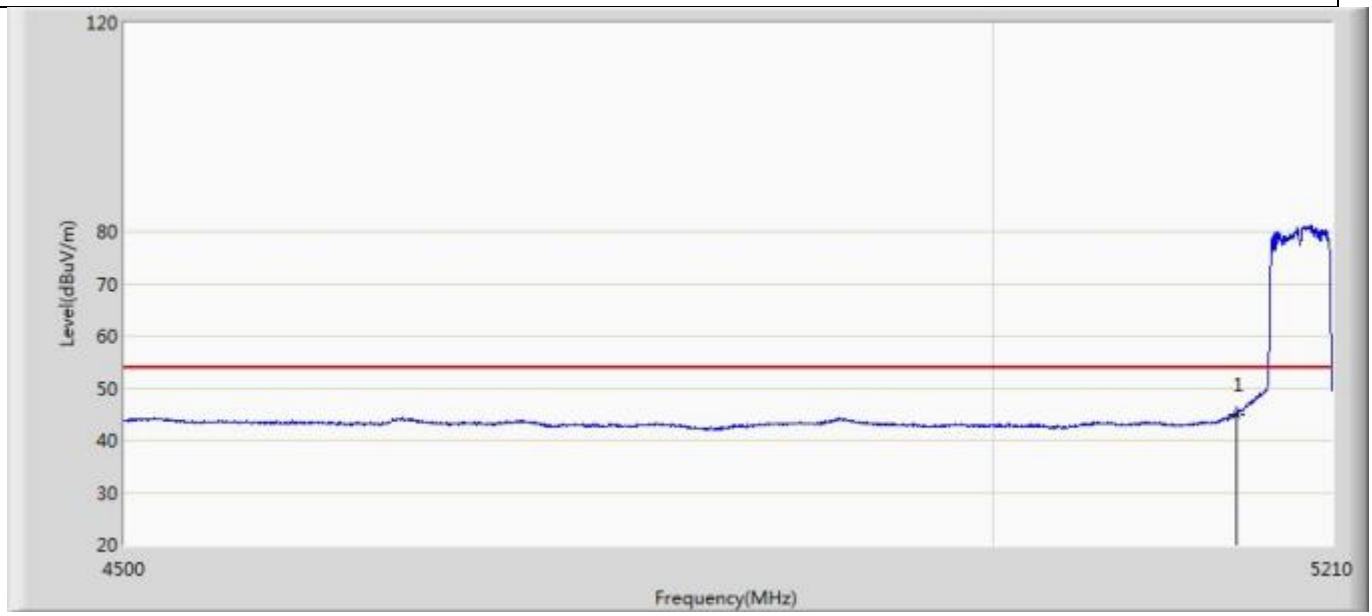
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	49.945	9.484	-4.055	54.000	40.461	AV

Profile: 2260325R	Page No.: 52
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5190MHz by 11ac40	



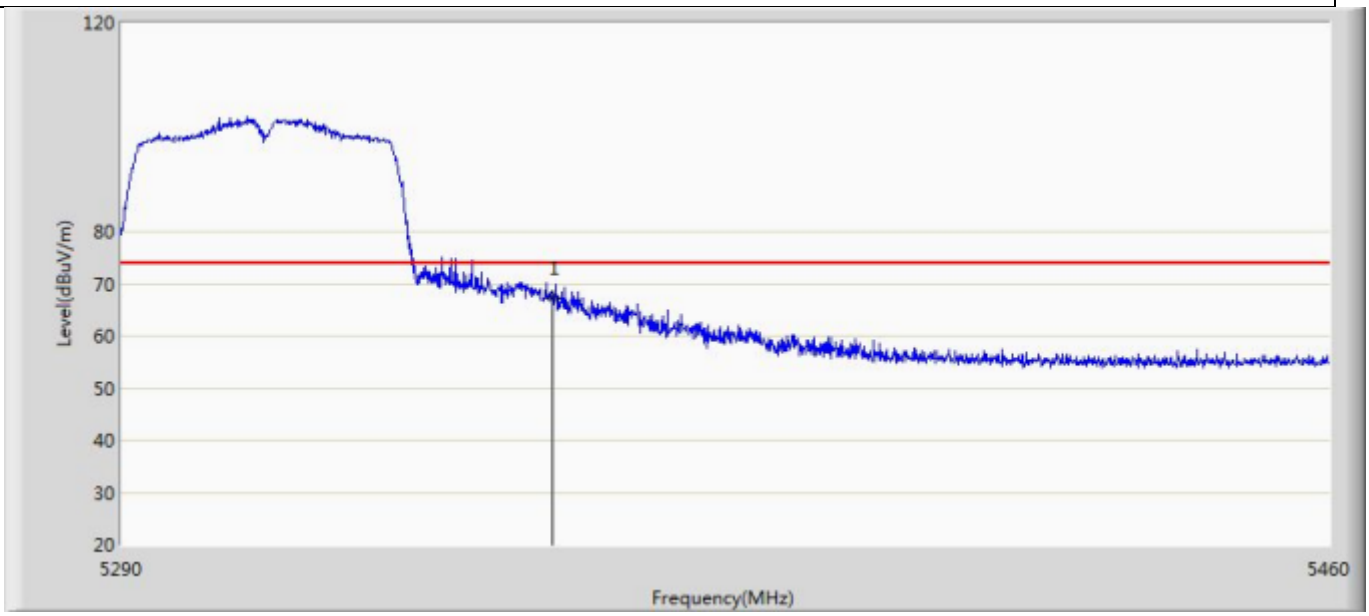
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	58.982	18.521	-15.018	74.000	40.461	PK

Profile: 2260325R	Page No.: 51
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5190MHz by 11ac40	



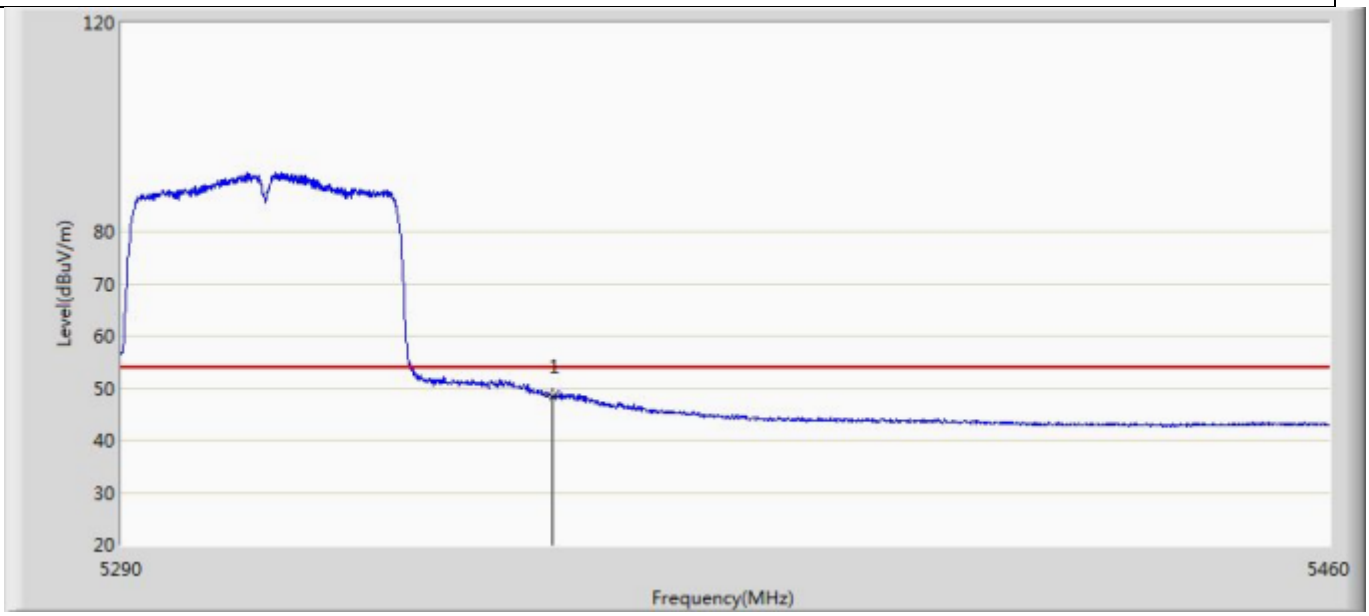
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	44.982	4.521	-9.018	54.000	40.461	AV

Profile: 2260325R	Page No.: 54
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5310MHz by 11ac40	



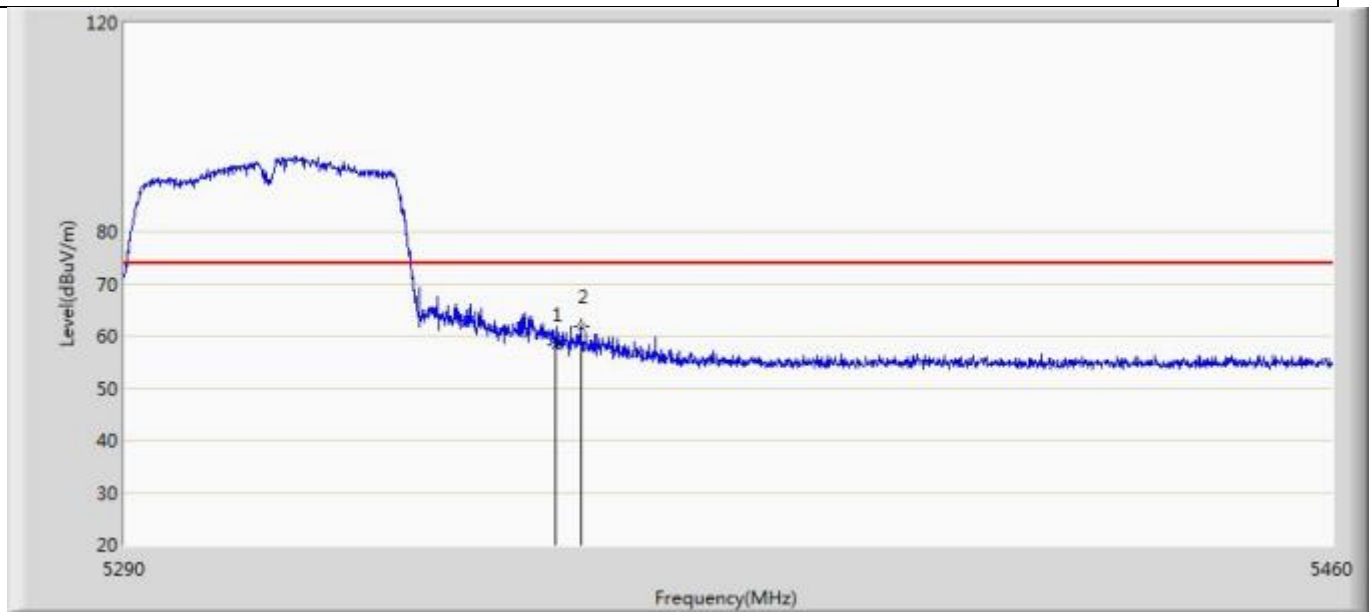
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	67.259	26.143	-6.741	74.000	41.116	PK

Profile: 2260325R	Page No.: 53
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5310MHz by 11ac40	



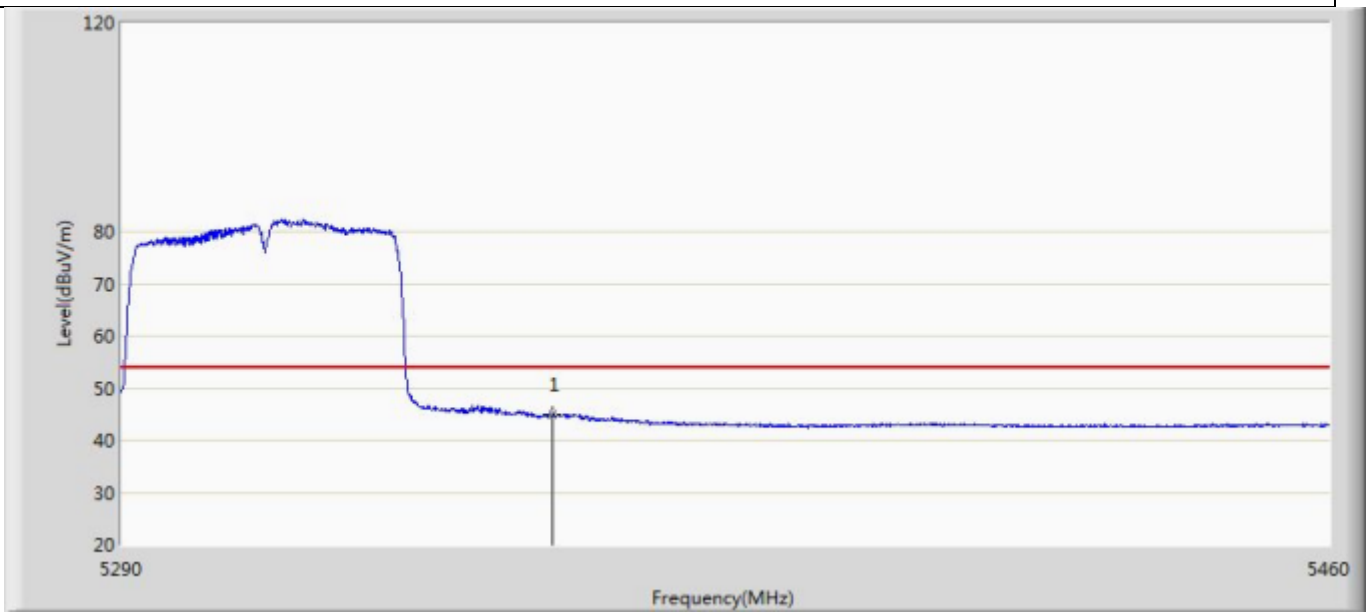
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	48.392	7.276	-5.608	54.000	41.116	AV

Profile: 2260325R	Page No.: 56
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5310MHz by 11ac40	



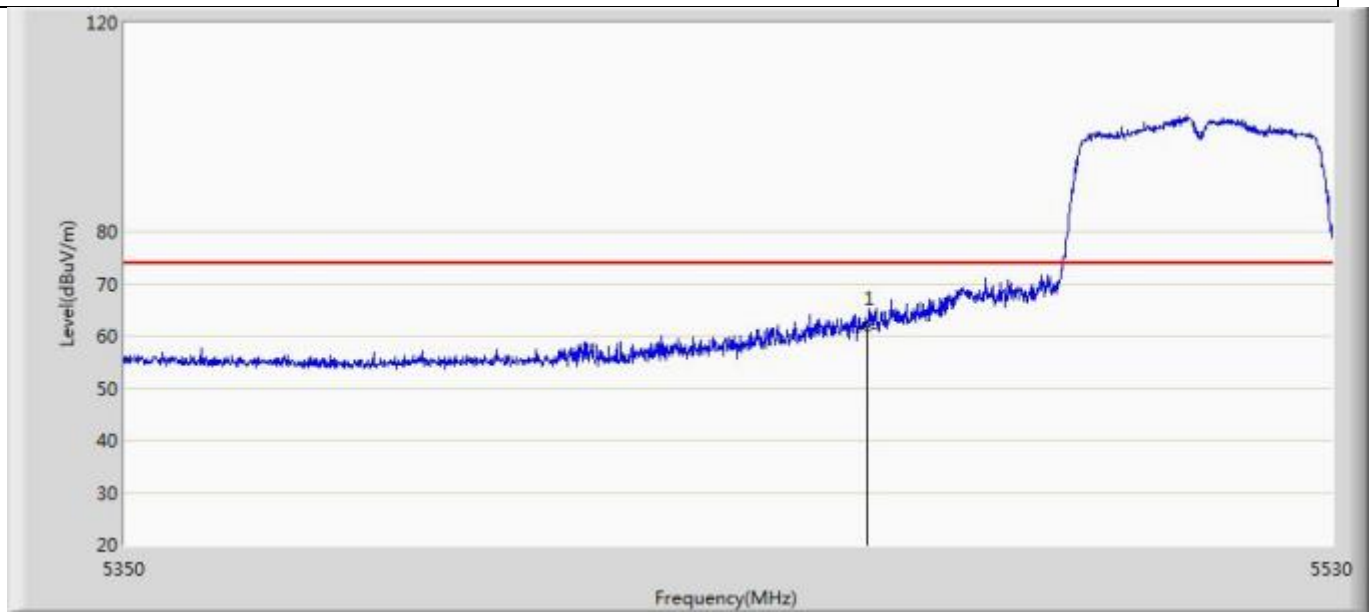
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	58.159	17.043	-15.841	74.000	41.116	PK
2	*	5353.665	61.730	20.608	-12.270	74.000	41.122	PK

Profile: 2260325R	Page No.: 55
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5310MHz by 11ac40	



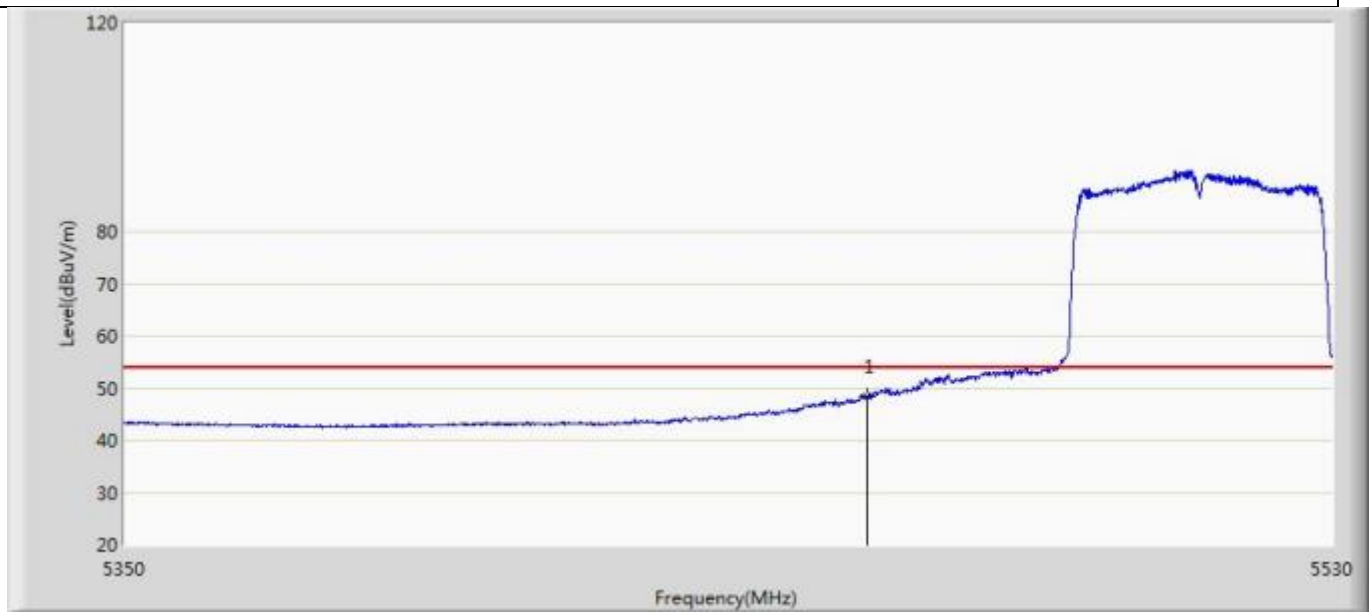
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	44.789	3.673	-9.211	54.000	41.116	AV

Profile: 2260325R	Page No.: 58
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



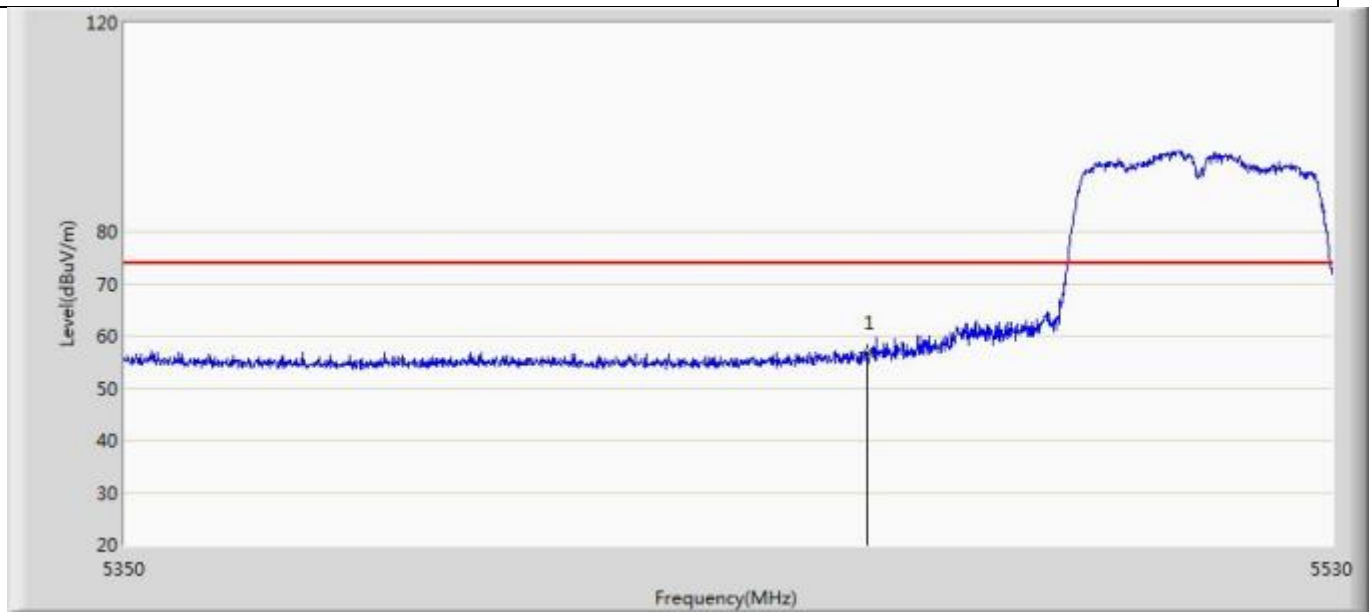
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	61.330	20.324	-12.670	74.000	41.006	PK

Profile: 2260325R	Page No.: 57
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



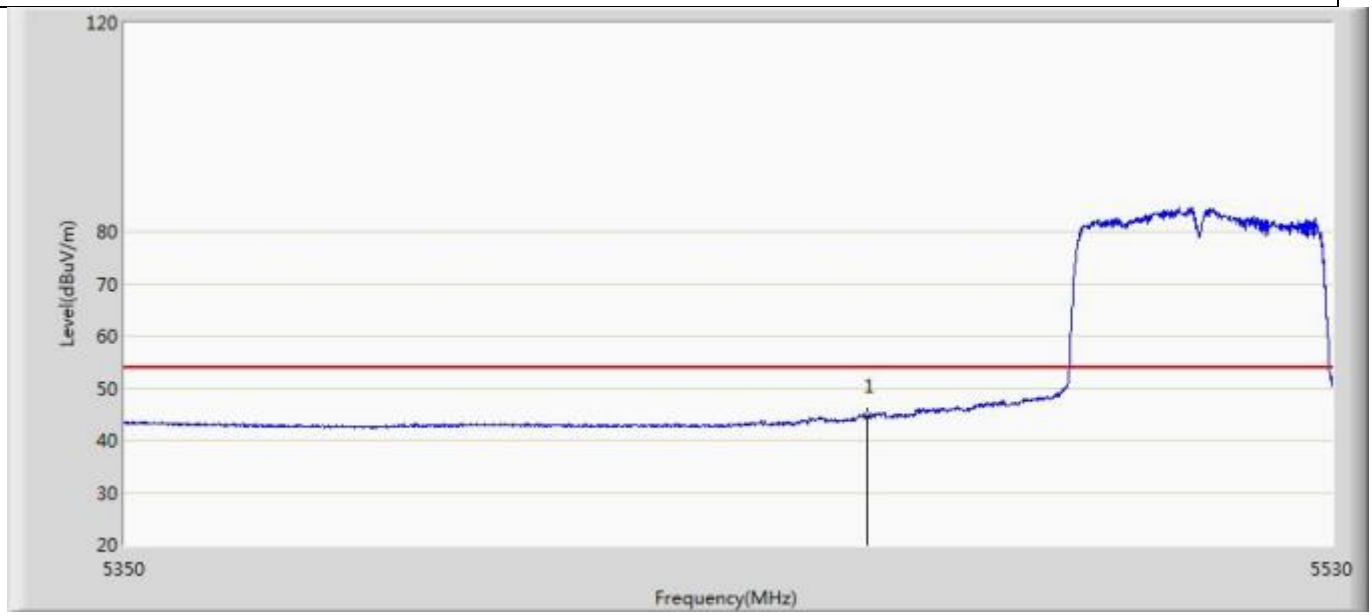
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	48.357	7.351	-5.643	54.000	41.006	AV

Profile: 2260325R	Page No.: 60
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



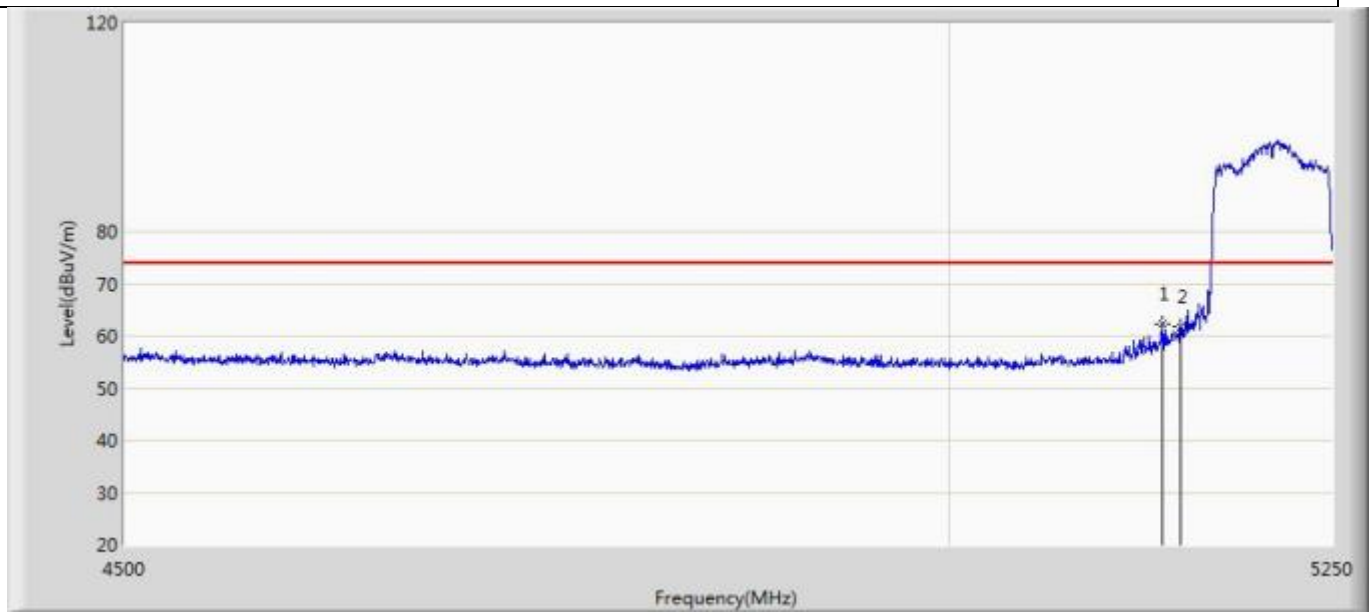
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	56.727	15.721	-17.273	74.000	41.006	PK

Profile: 2260325R	Page No.: 59
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5510MHz by 11ac40	



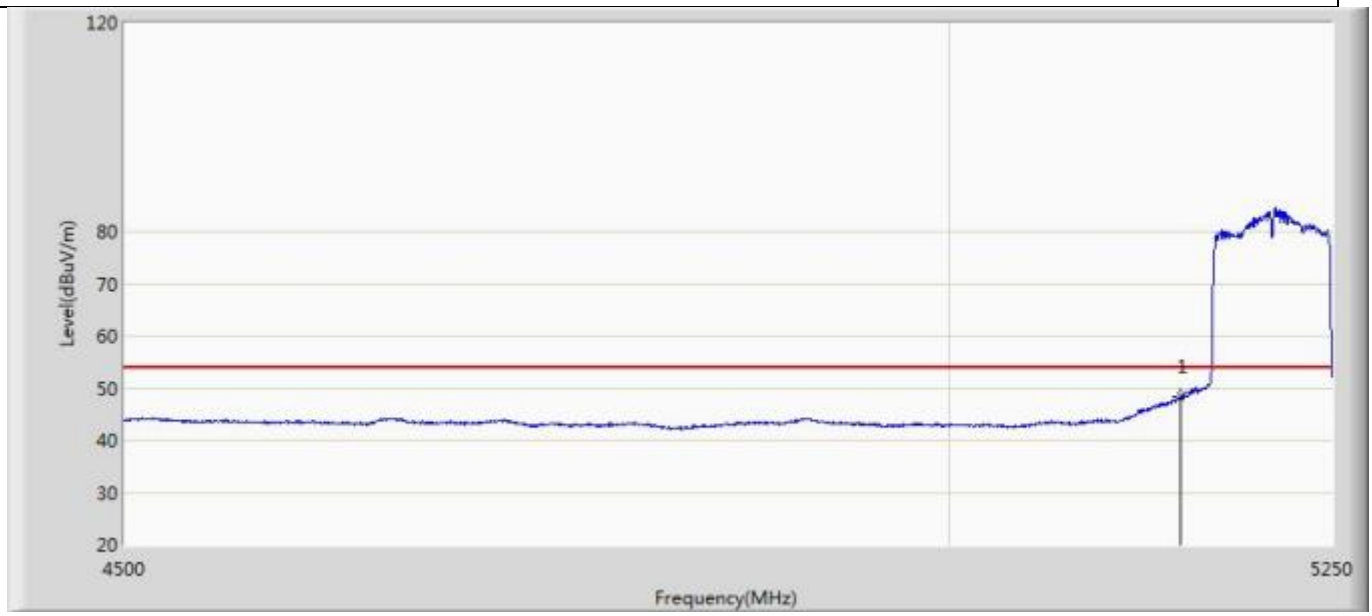
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	44.554	3.548	-9.446	54.000	41.006	AV

Profile: 2260325R	Page No.: 62
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



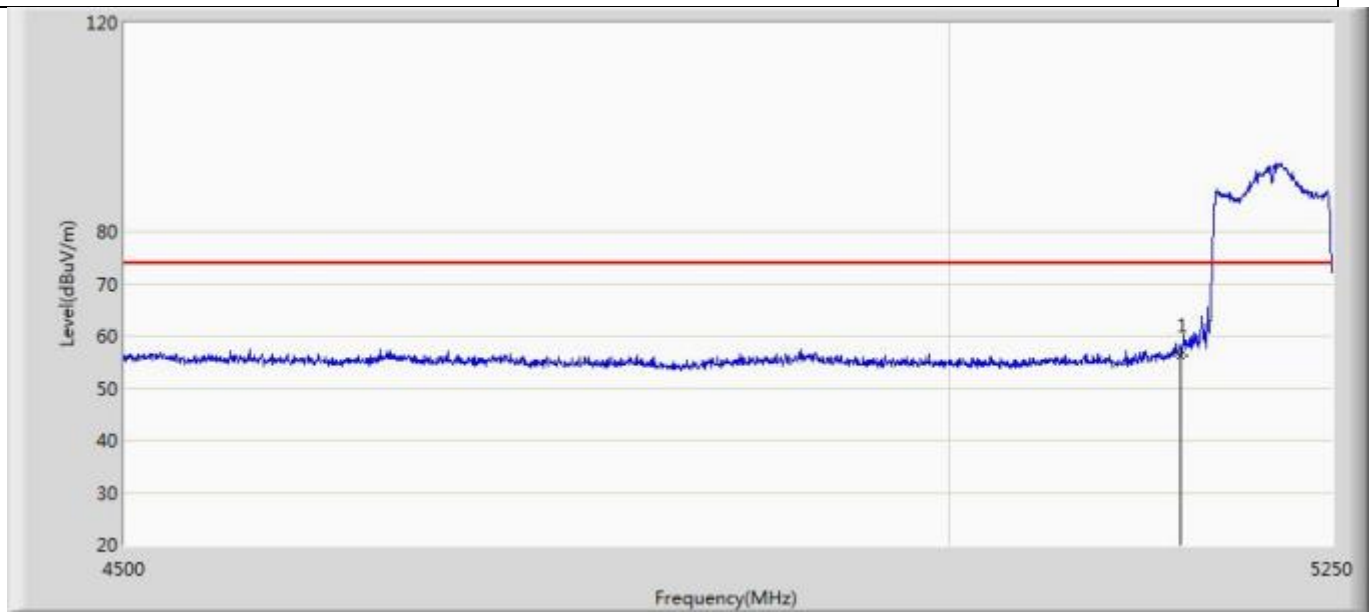
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5137.500	62.313	21.837	-11.687	74.000	40.476	PK
2		5150.000	61.654	21.193	-12.346	74.000	40.461	PK

Profile: 2260325R	Page No.: 61
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 01:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



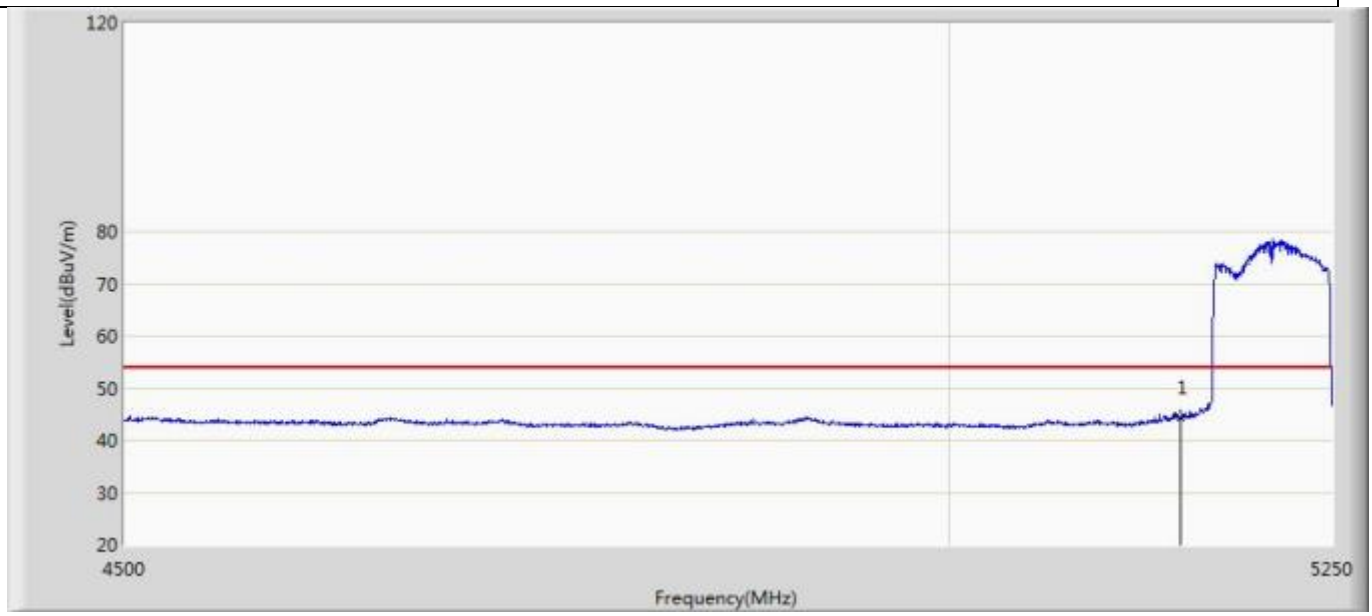
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	48.525	8.064	-5.475	54.000	40.461	AV

Profile: 2260325R	Page No.: 64
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



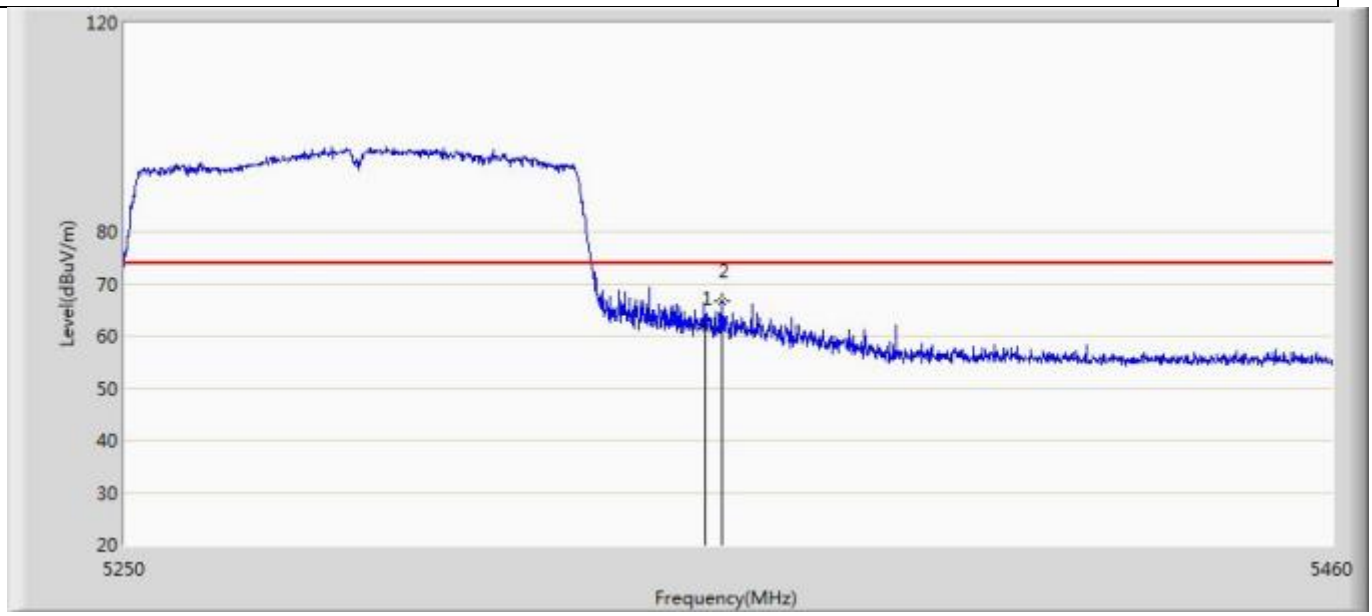
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	56.360	15.899	-17.640	74.000	40.461	PK

Profile: 2260325R	Page No.: 63
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5210MHz by 11ac80	



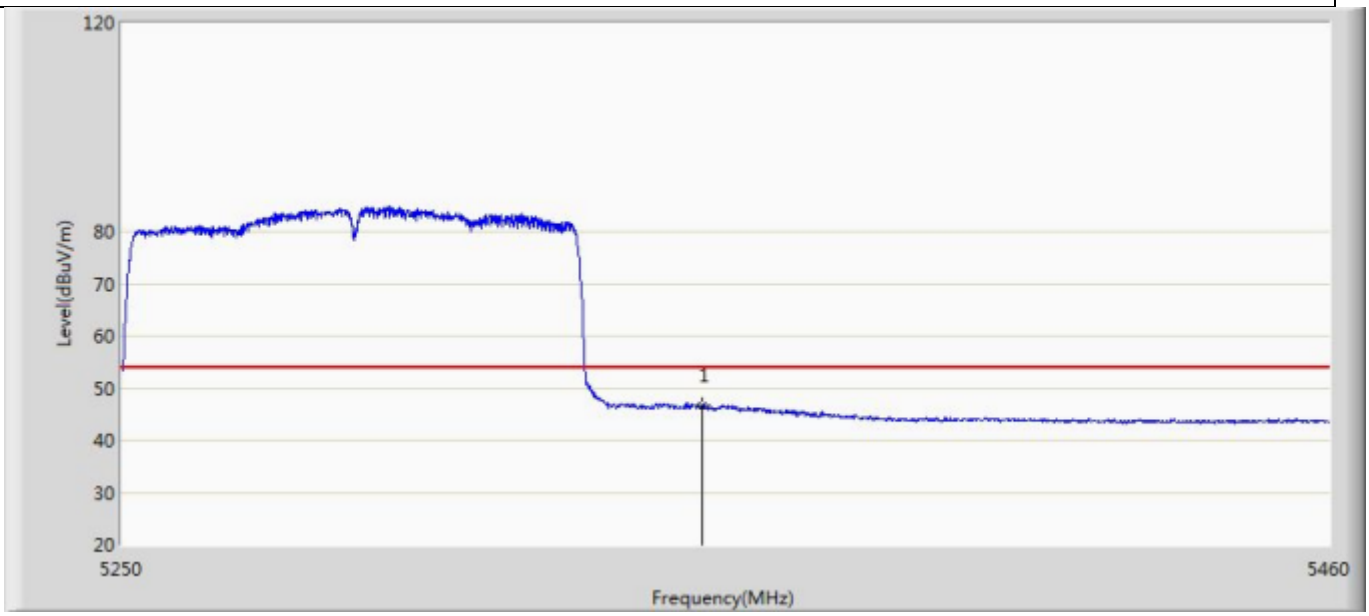
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	44.234	3.773	-9.766	54.000	40.461	AV

Profile: 2260325R	Page No.: 66
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



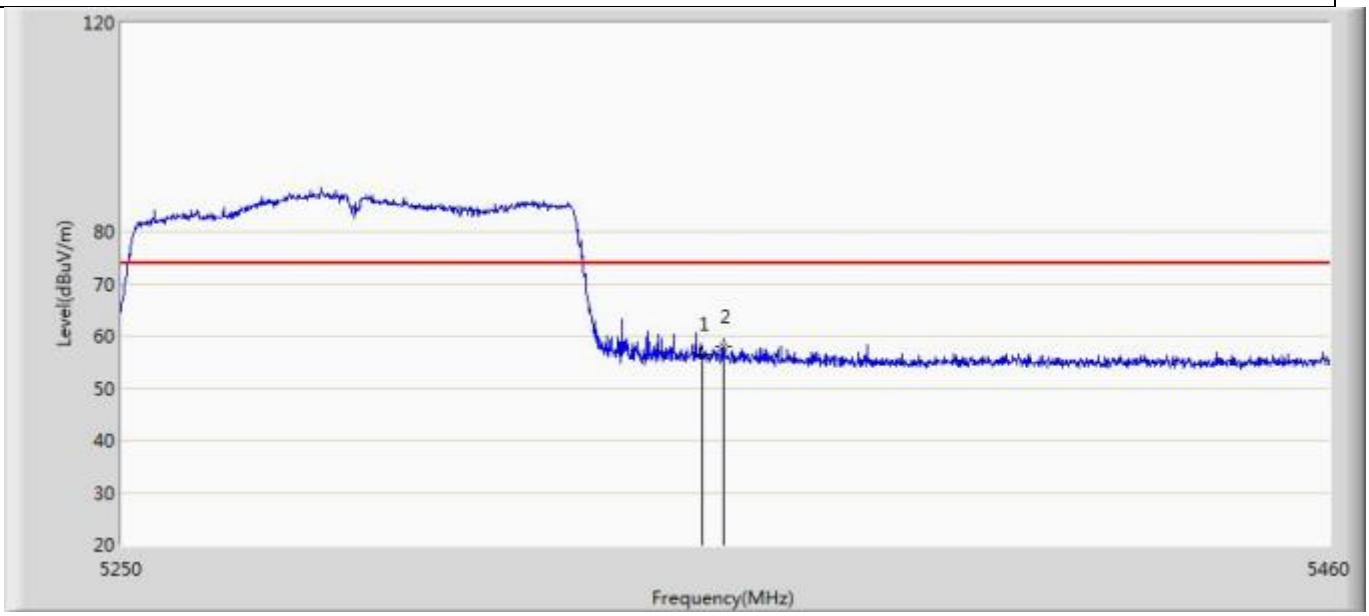
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	61.415	20.299	-12.585	74.000	41.116	PK
2	*	5352.795	66.674	25.533	-7.326	74.000	41.140	PK

Profile: 2260325R	Page No.: 65
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



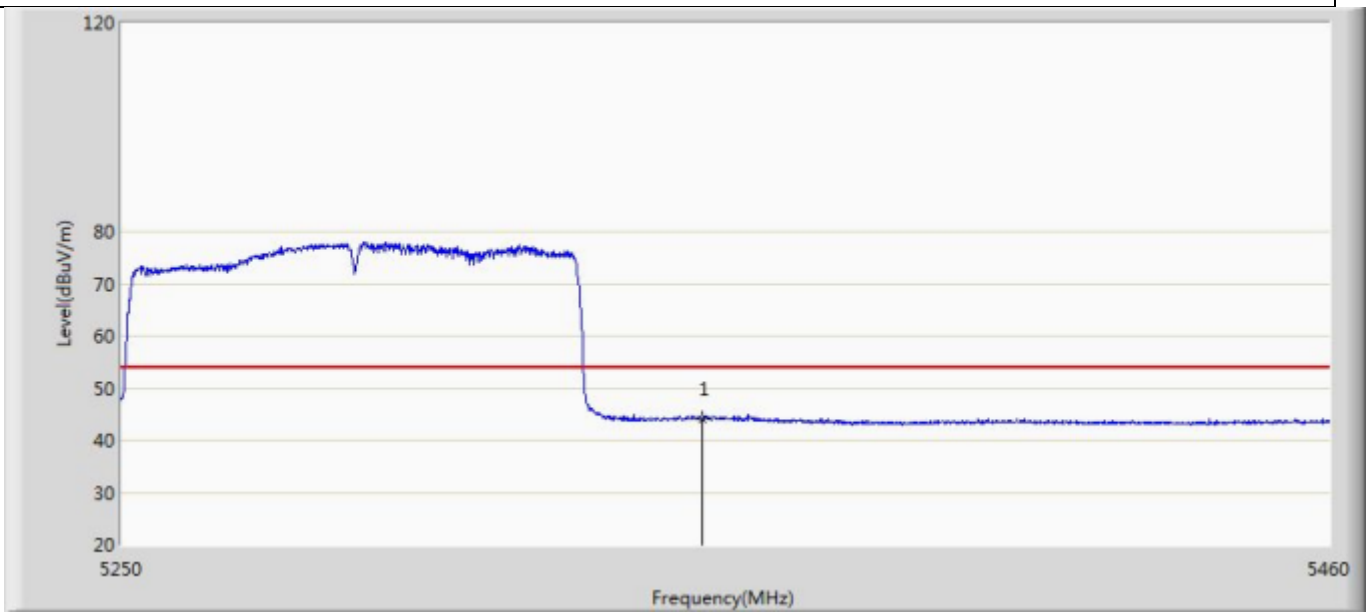
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	46.639	5.523	-7.361	54.000	41.116	AV

Profile: 2260325R	Page No.: 68
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



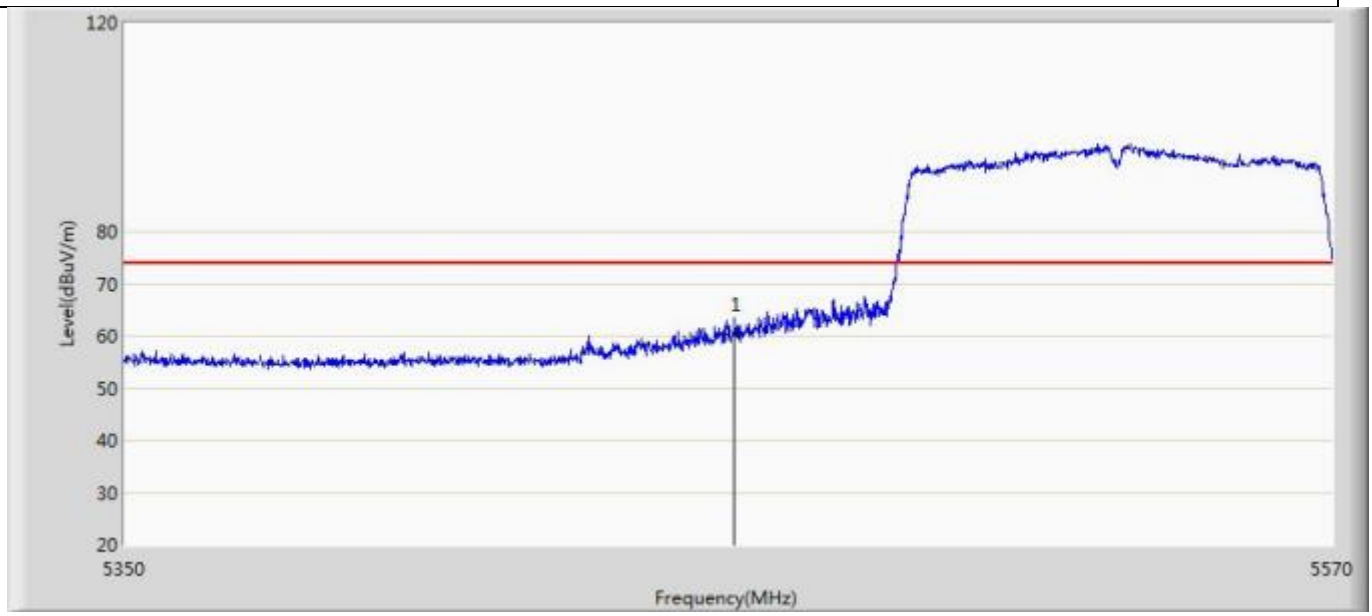
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.000	56.499	15.383	-17.501	74.000	41.116	PK
2	*	5353.635	57.896	16.773	-16.104	74.000	41.123	PK

Profile: 2260325R	Page No.: 67
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5290MHz by 11ac80	



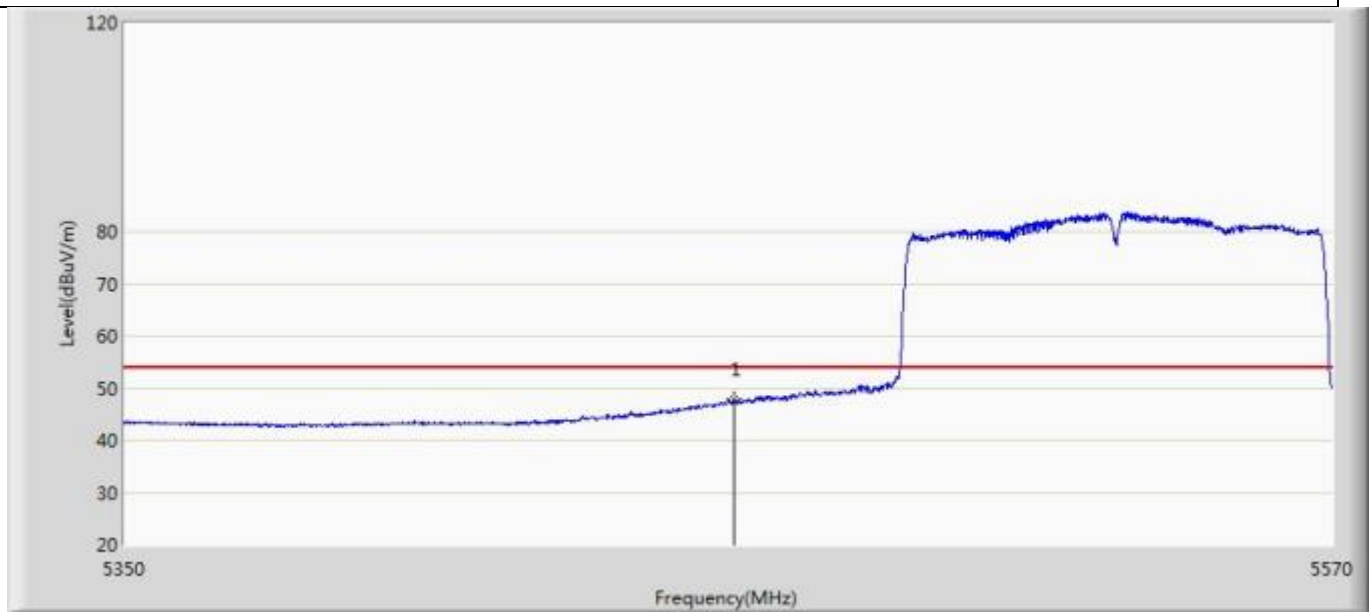
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	44.012	2.896	-9.988	54.000	41.116	AV

Profile: 2260325R	Page No.: 70
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



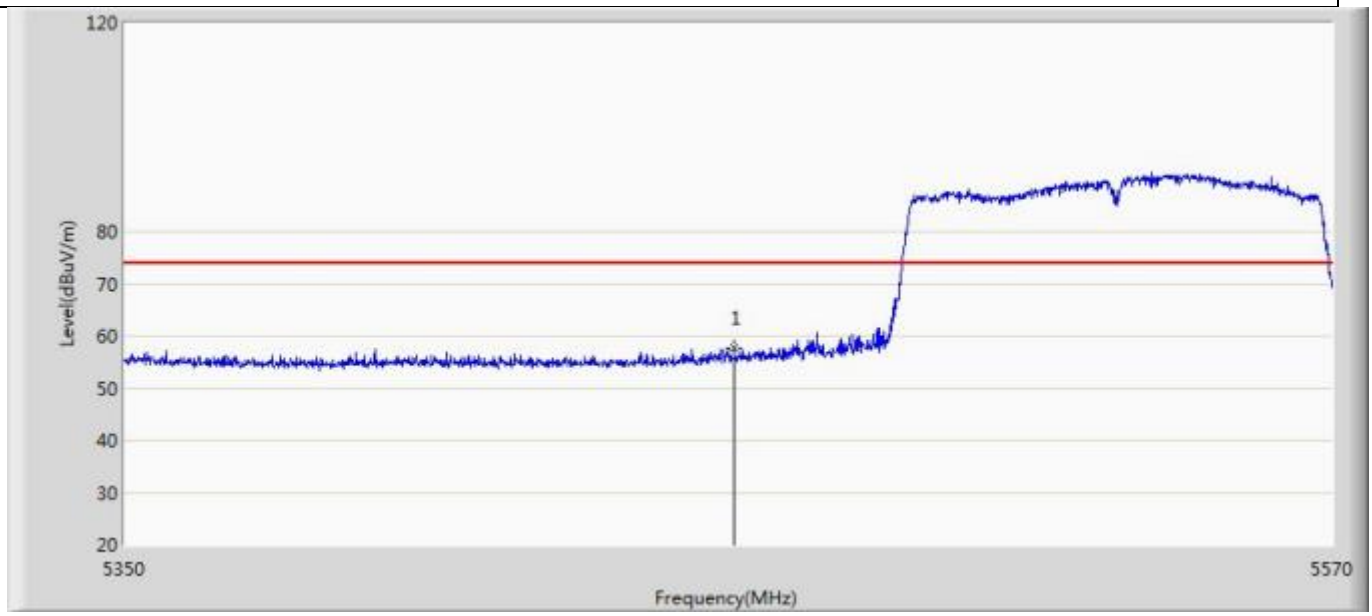
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	60.217	19.211	-13.783	74.000	41.006	PK

Profile: 2260325R	Page No.: 69
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



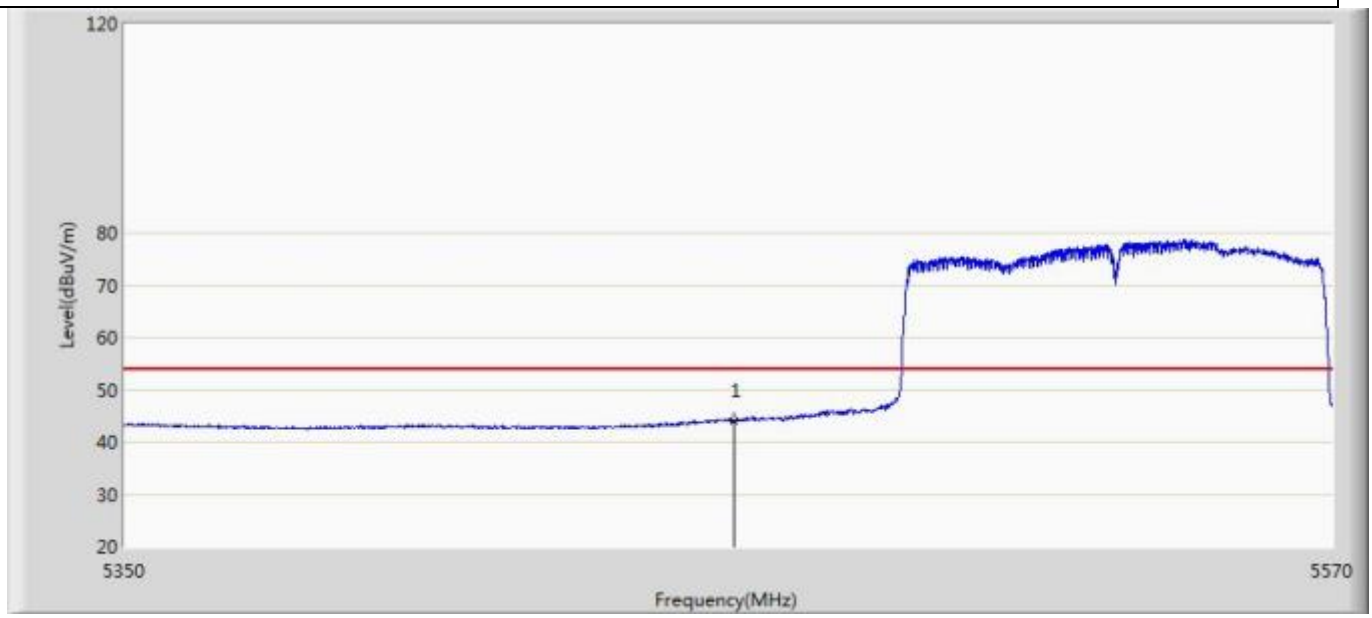
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	47.773	6.767	-6.227	54.000	41.006	AV

Profile: 2260325R	Page No.: 72
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



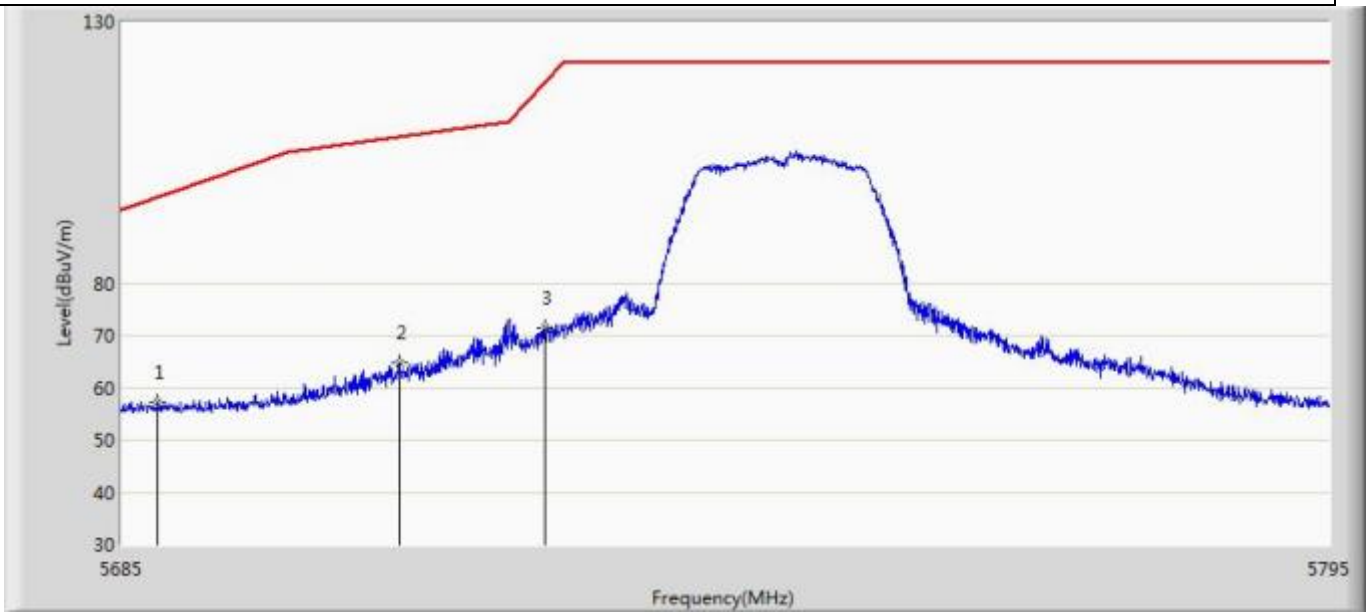
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	57.662	16.656	-16.338	74.000	41.006	PK

Profile: 2260325R	Page No.: 71
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5530MHz by 11ac80	



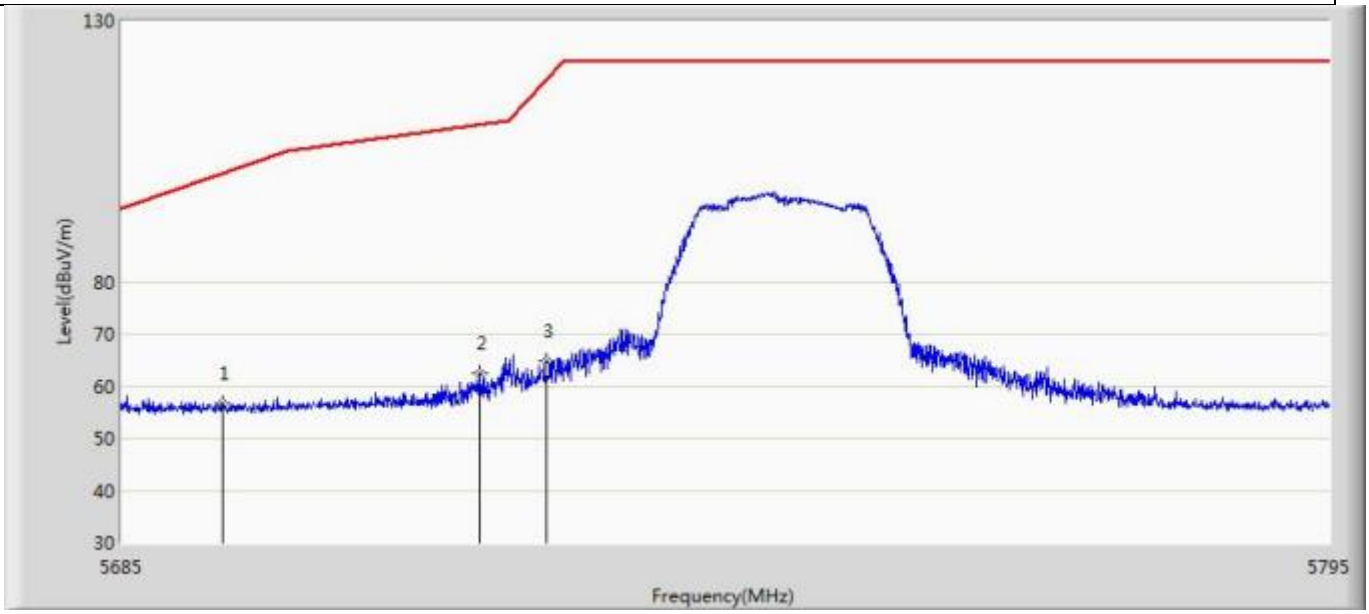
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	44.098	3.092	-9.902	54.000	41.006	AV

Profile: 2260325R	Page No.: 1
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:47
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5745MHz by 11a	



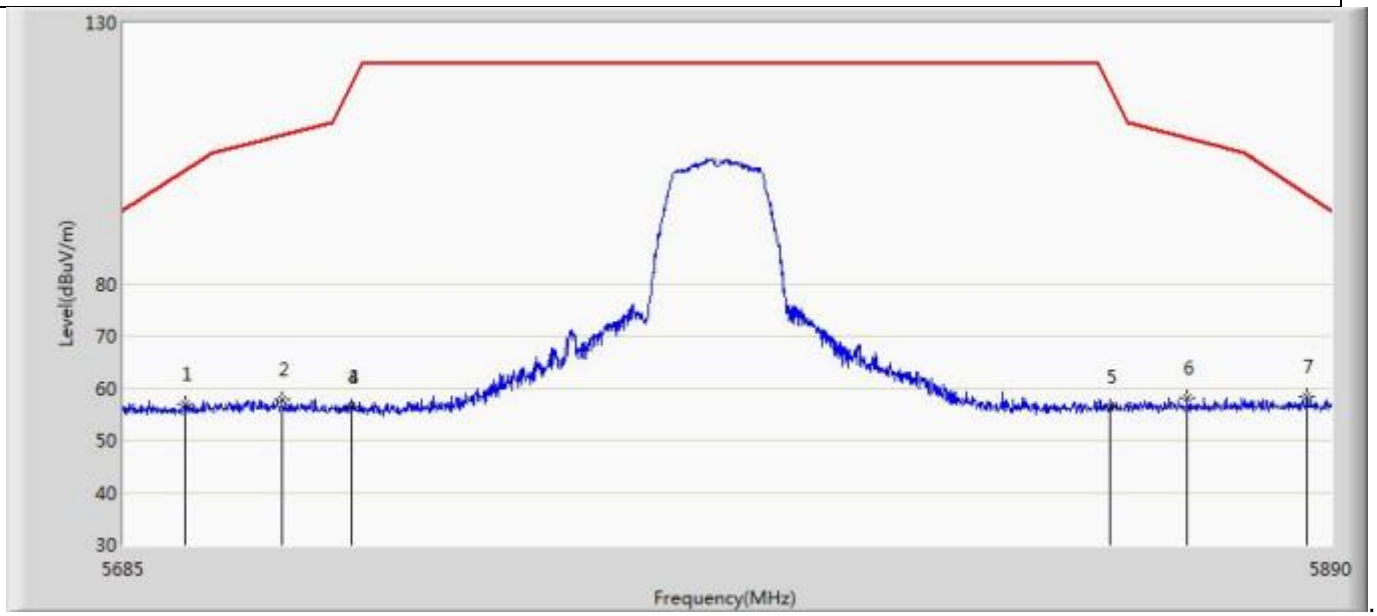
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5688.300	57.368	15.716	-39.203	96.571	41.652	PK
2		5710.135	64.663	22.229	-43.377	108.040	42.434	PK
3		5723.390	71.587	29.597	-46.943	118.530	41.990	PK

Profile: 2260325R	Page No.: 2
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:54
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5745MHz by 11a	



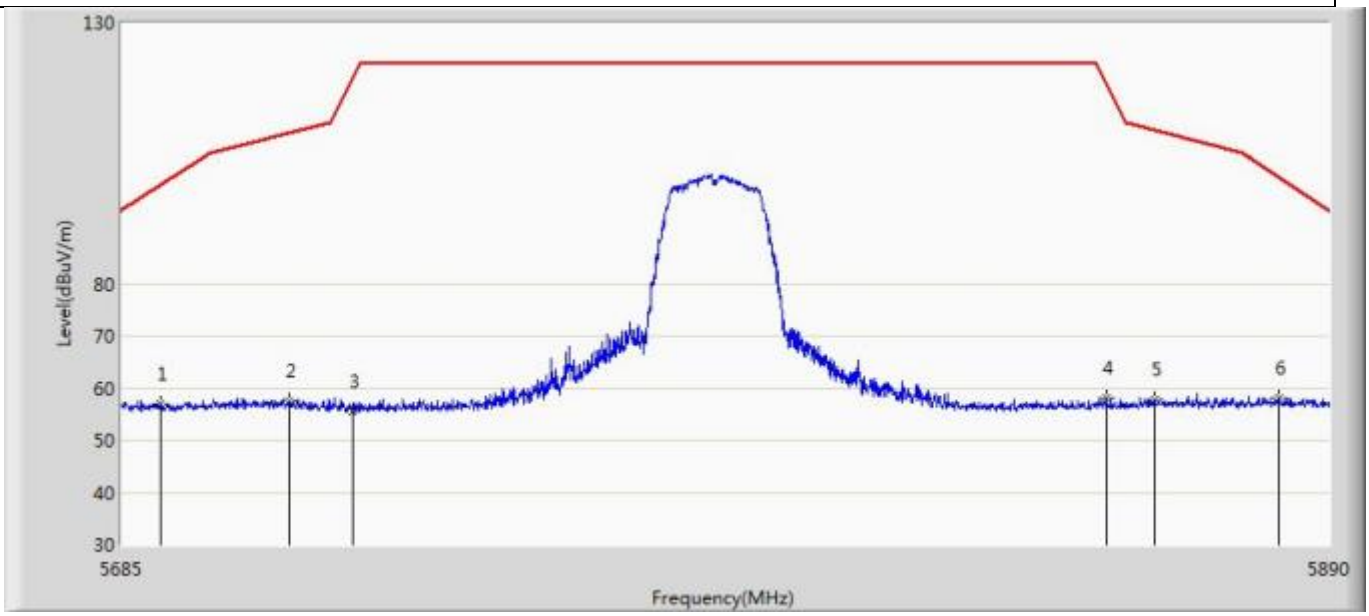
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5694.130	56.627	14.900	-44.246	100.873	41.727	PK
2		5717.395	62.370	20.179	-47.702	110.072	42.191	PK
3		5723.500	64.638	22.651	-54.143	118.781	41.987	PK

Profile: 2260325R	Page No.: 3
Engineer: Yuliu	
Site: AC5	Time: 2022/07/04 - 02:54
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5785MHz by 11a	



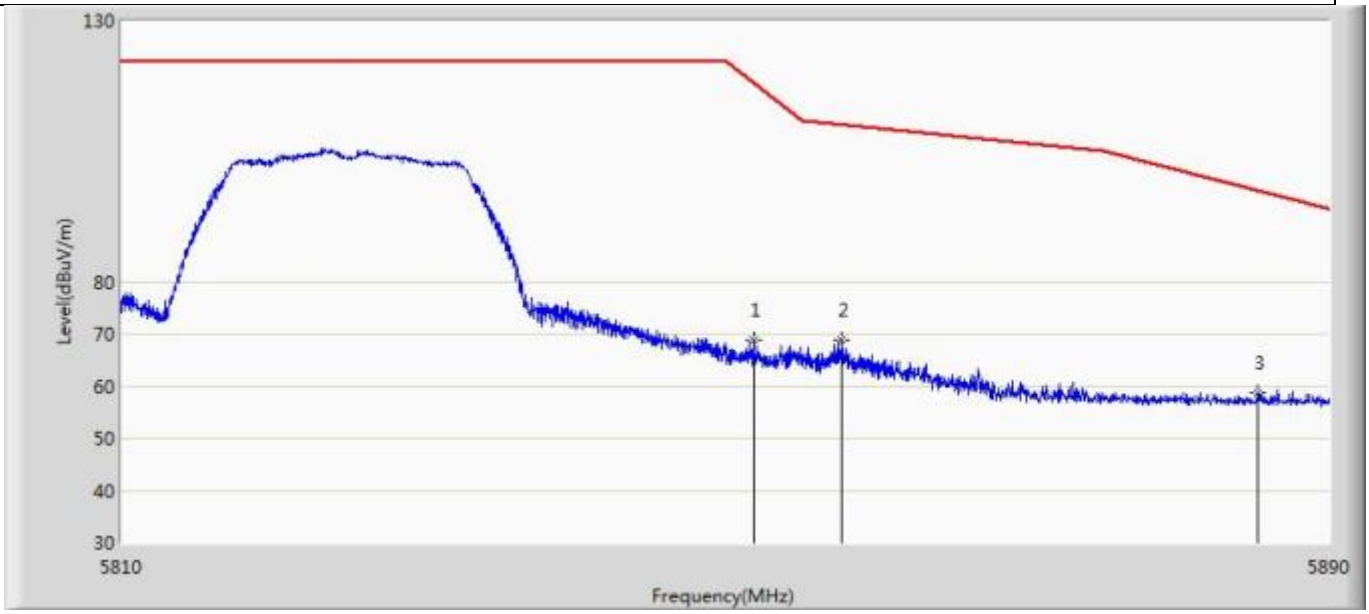
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.455	56.866	15.073	-44.984	101.850	41.793	PK
2		5711.547	57.941	15.554	-50.495	108.436	42.386	PK
3		5723.130	56.451	14.452	-61.487	117.938	41.999	PK
4		5723.130	56.451	14.452	-61.487	117.938	41.999	PK
5		5851.973	56.484	14.476	-61.217	117.700	42.008	PK
6		5865.297	58.175	15.987	-49.740	107.914	42.188	PK
7	*	5885.797	58.487	16.175	-38.697	97.184	42.312	PK

Profile: 2260325R	Page No.: 4
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:58
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5785MHz by 11a	



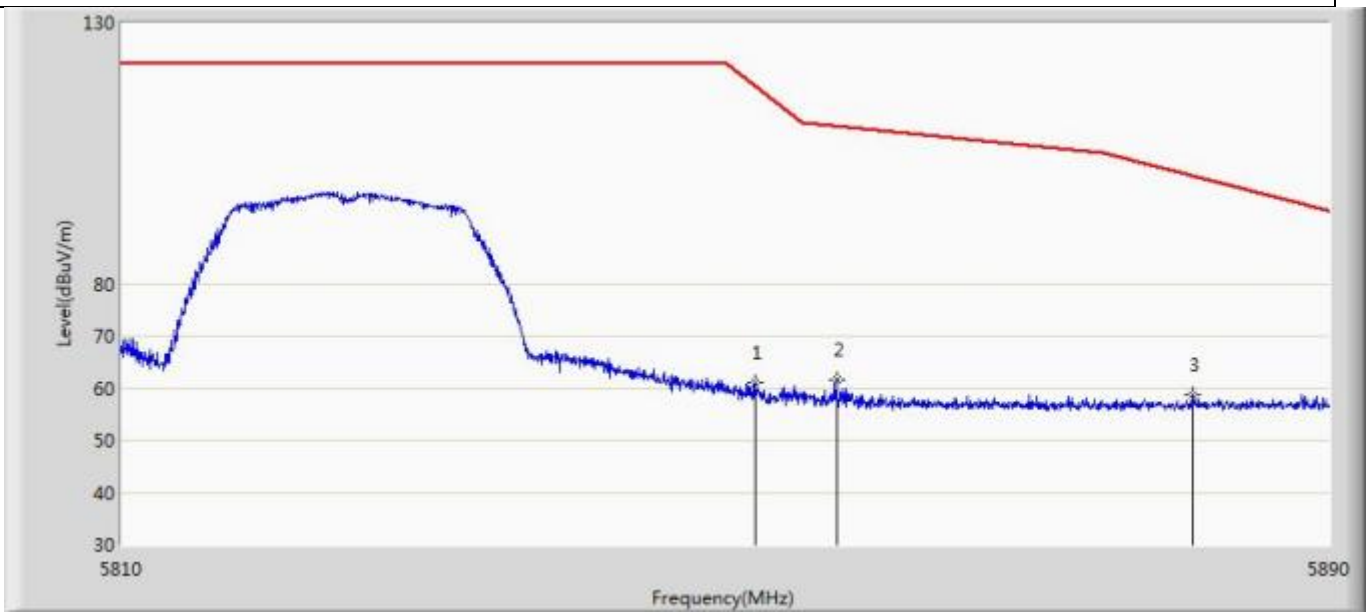
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5691.458	56.906	15.281	-41.996	98.902	41.624	PK
2		5713.187	57.621	15.289	-51.274	108.895	42.332	PK
3		5723.643	55.459	13.477	-63.648	119.107	41.982	PK
4		5851.768	58.201	16.197	-59.967	118.168	42.005	PK
5		5859.967	57.904	15.766	-51.504	109.407	42.138	PK
6		5881.493	58.126	15.849	-42.251	100.377	42.277	PK

Profile: 2260325R	Page No.: 5
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 02:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5825MHz by 11a	



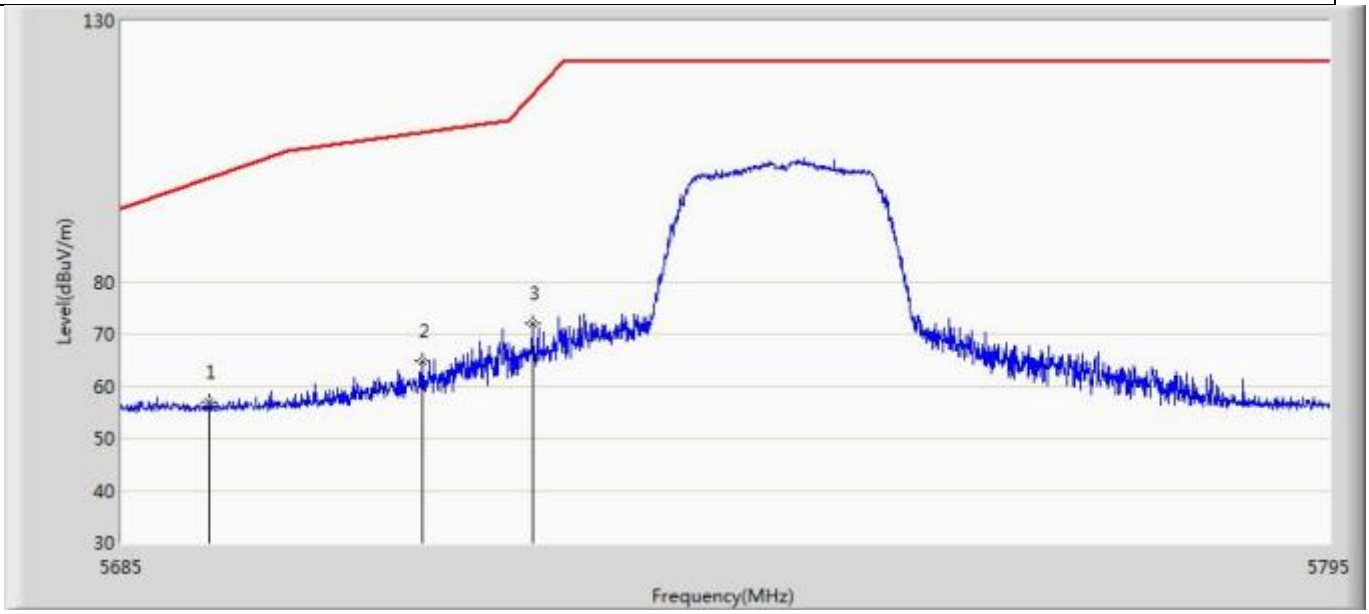
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5851.720	68.785	26.782	-49.492	118.277	42.003	PK
2		5857.600	68.923	26.824	-41.148	110.071	42.100	PK
3	*	5885.280	58.640	16.332	-38.928	97.567	42.307	PK

Profile: 2260325R	Page No.: 6
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:00
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 1:Transmit at 5825MHz by 11a	



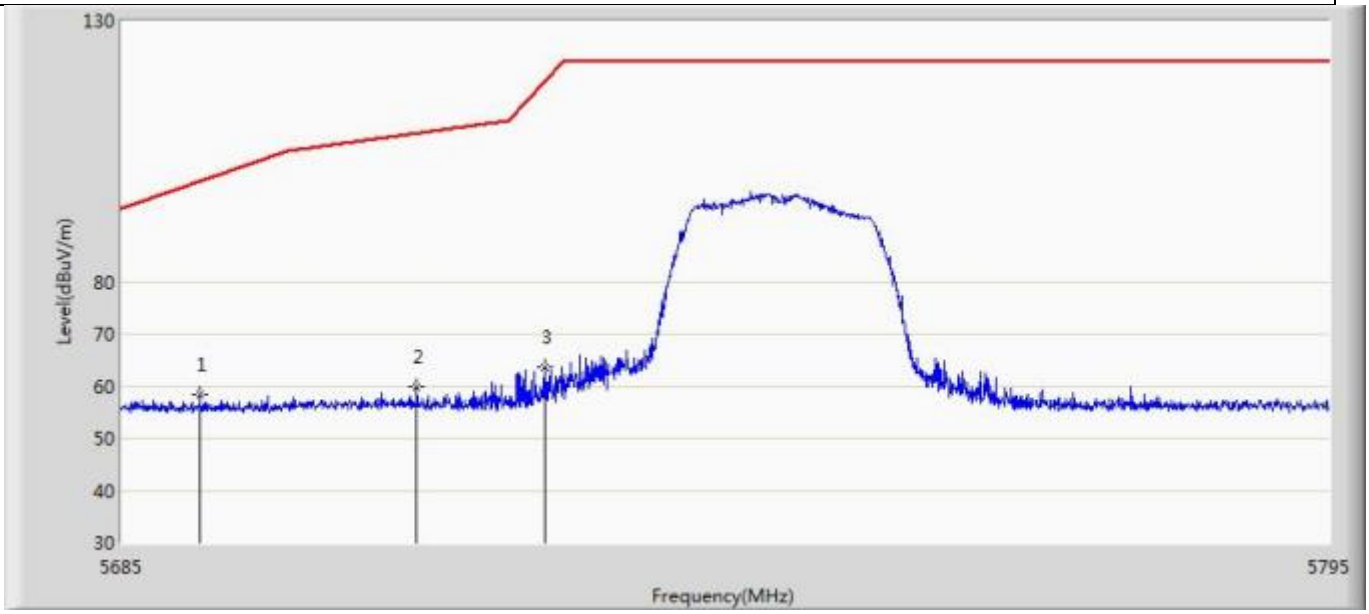
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5851.840	61.034	19.029	-56.969	118.004	42.006	PK
2		5857.240	61.615	19.522	-48.556	110.172	42.093	PK
3	*	5880.880	58.746	16.474	-42.086	100.832	42.273	PK

Profile: 2260325R	Page No.: 7
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5745MHz by 11n20	



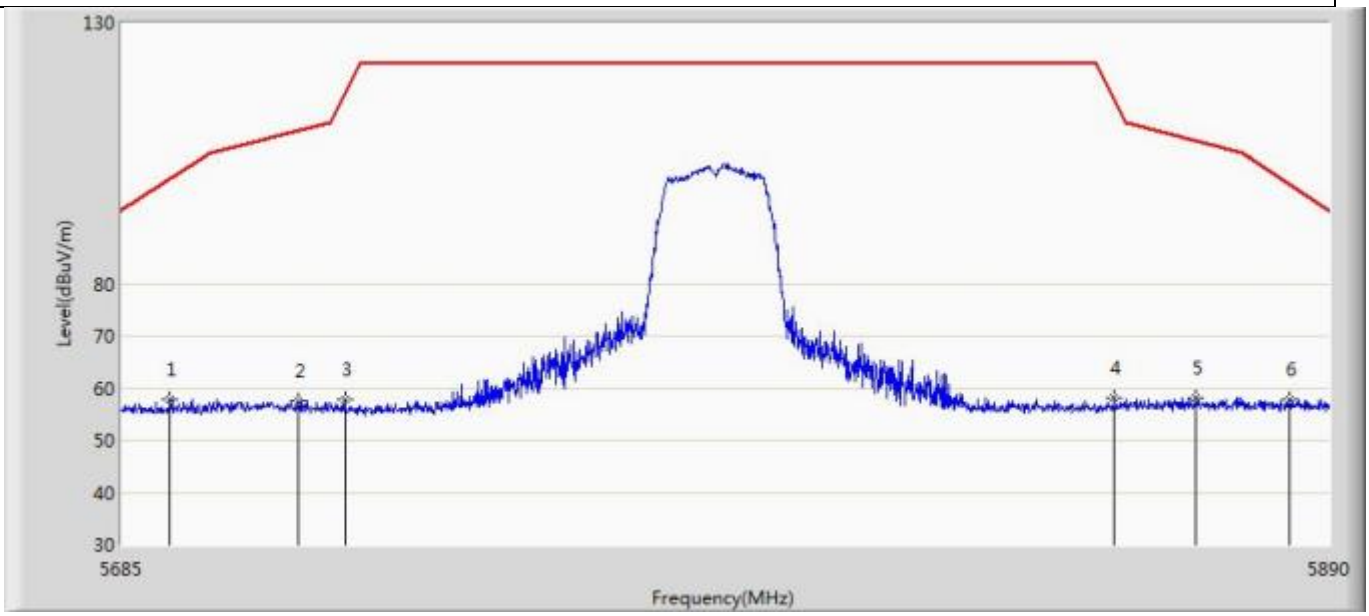
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5692.865	57.006	15.343	-42.934	99.940	41.663	PK
2		5712.280	64.684	22.322	-43.957	108.641	42.362	PK
3		5722.235	71.905	29.876	-43.992	115.897	42.029	PK

Profile: 2260325R	Page No.: 8
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5745MHz by 11n20	



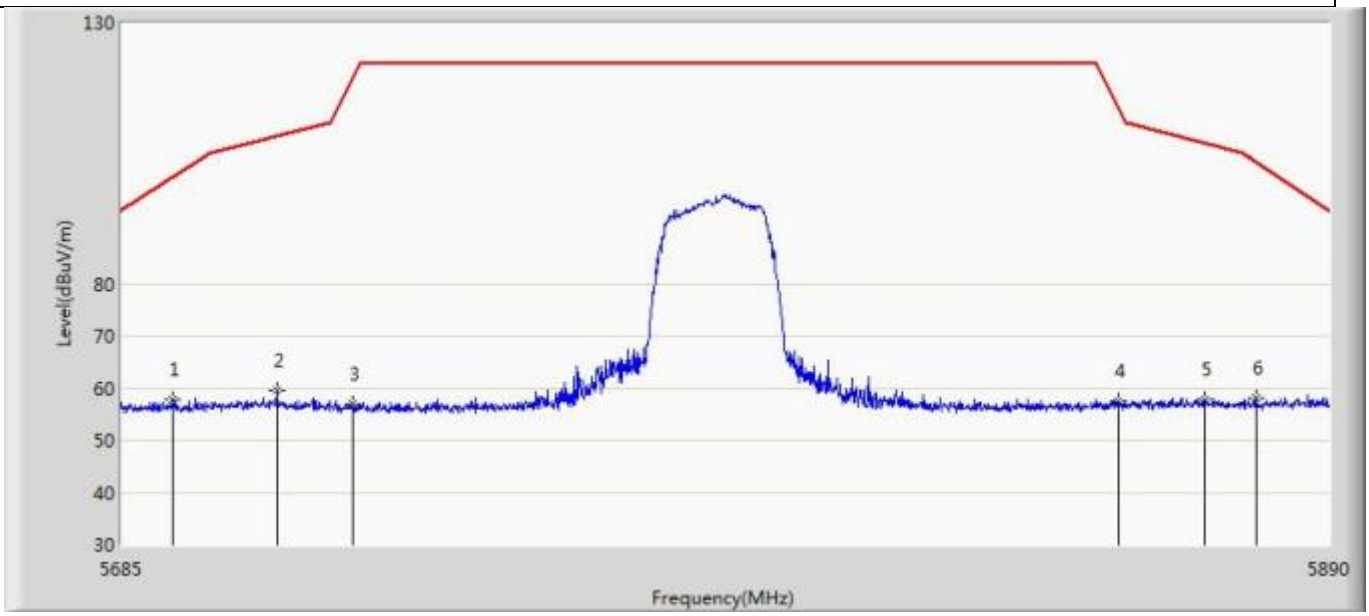
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5692.095	58.519	16.894	-40.853	99.372	41.625	PK
2		5711.730	59.925	17.544	-48.562	108.487	42.381	PK
3		5723.335	63.497	21.505	-54.908	118.405	41.992	PK

Profile: 2260325R	Page No.: 9
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:02
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5785MHz by 11n20	



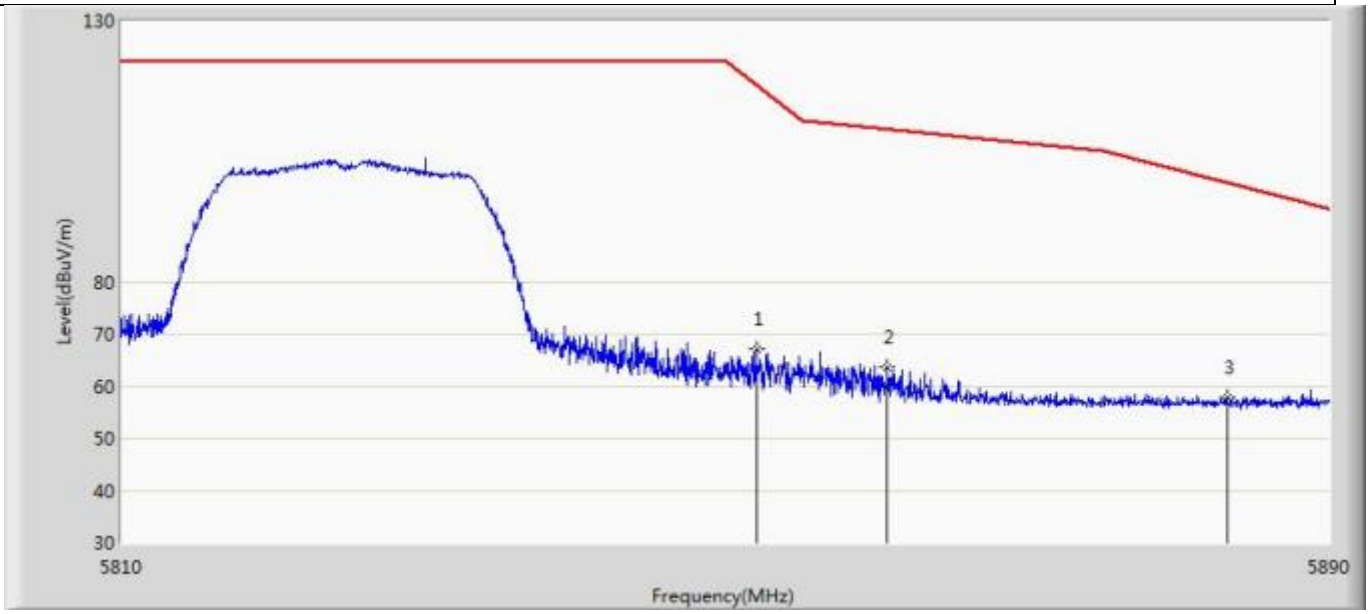
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.098	57.833	16.158	-42.279	100.112	41.675	PK
2		5714.725	57.586	15.306	-51.739	109.325	42.281	PK
3		5722.413	57.825	15.802	-58.478	116.303	42.023	PK
4		5852.998	58.049	16.025	-57.314	115.363	42.024	PK
5		5867.143	58.096	15.899	-49.302	107.398	42.197	PK
6	*	5883.235	57.961	15.670	-41.123	99.084	42.291	PK

Profile: 2260325R	Page No.: 10
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:04
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5785MHz by 11n20	



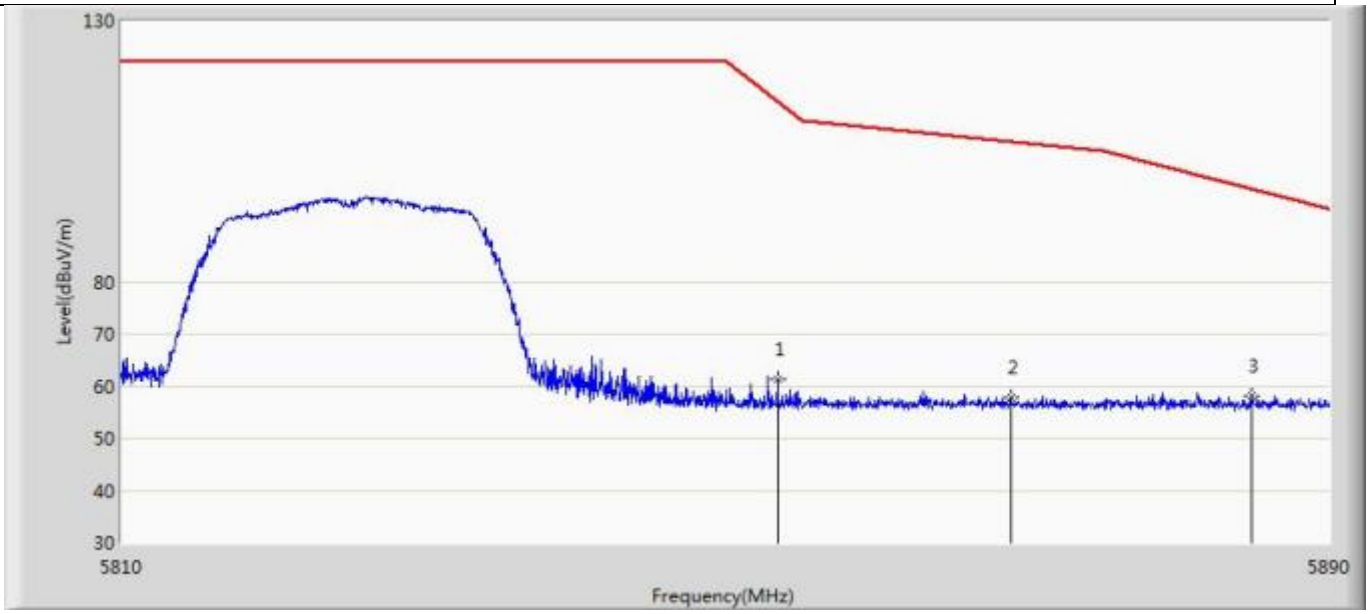
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5693.712	57.888	16.182	-42.677	100.565	41.705	PK
2		5710.933	59.589	17.182	-48.674	108.264	42.408	PK
3		5723.745	57.043	15.065	-62.296	119.340	41.979	PK
4		5853.715	57.553	15.517	-56.176	113.729	42.036	PK
5		5868.475	57.876	15.672	-49.149	107.025	42.204	PK
6		5877.393	58.011	15.762	-45.411	103.422	42.249	PK

Profile: 2260325R	Page No.: 11
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:05
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5825MHz by 11n20	



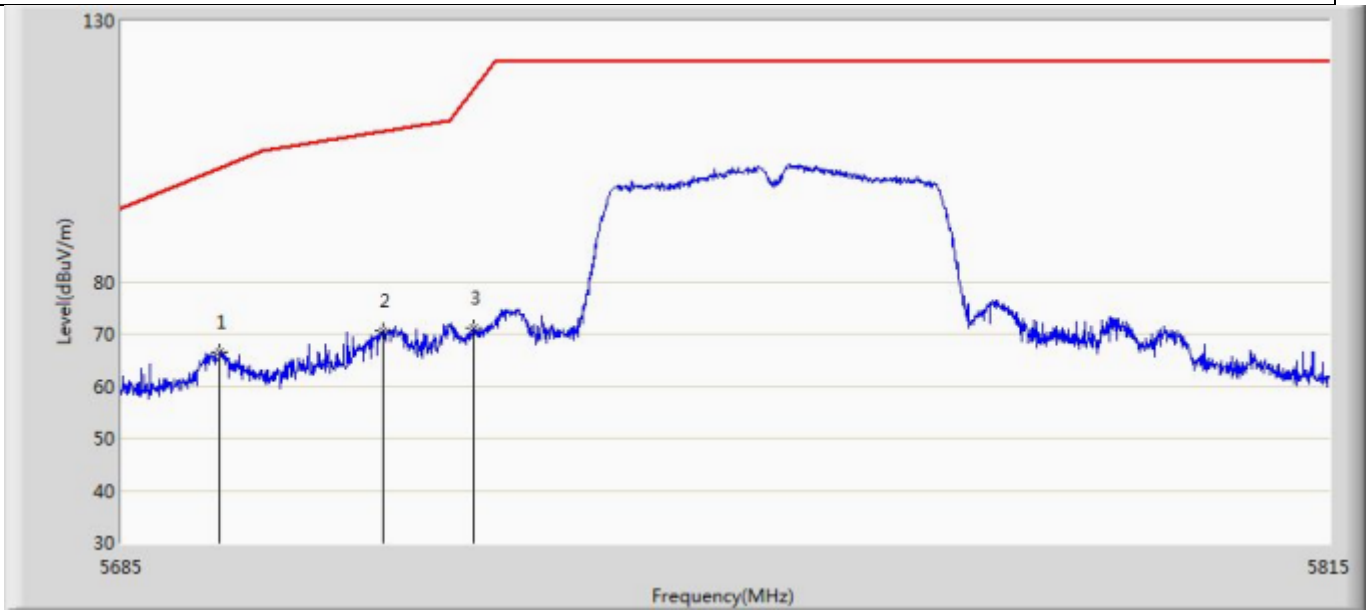
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5851.920	67.115	25.108	-50.706	117.821	42.007	PK
2		5860.640	63.696	21.547	-45.523	109.219	42.149	PK
3	*	5883.240	57.831	15.540	-41.250	99.081	42.291	PK

Profile: 2260325R	Page No.: 12
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:05
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 2:Transmit at 5825MHz by 11n20	



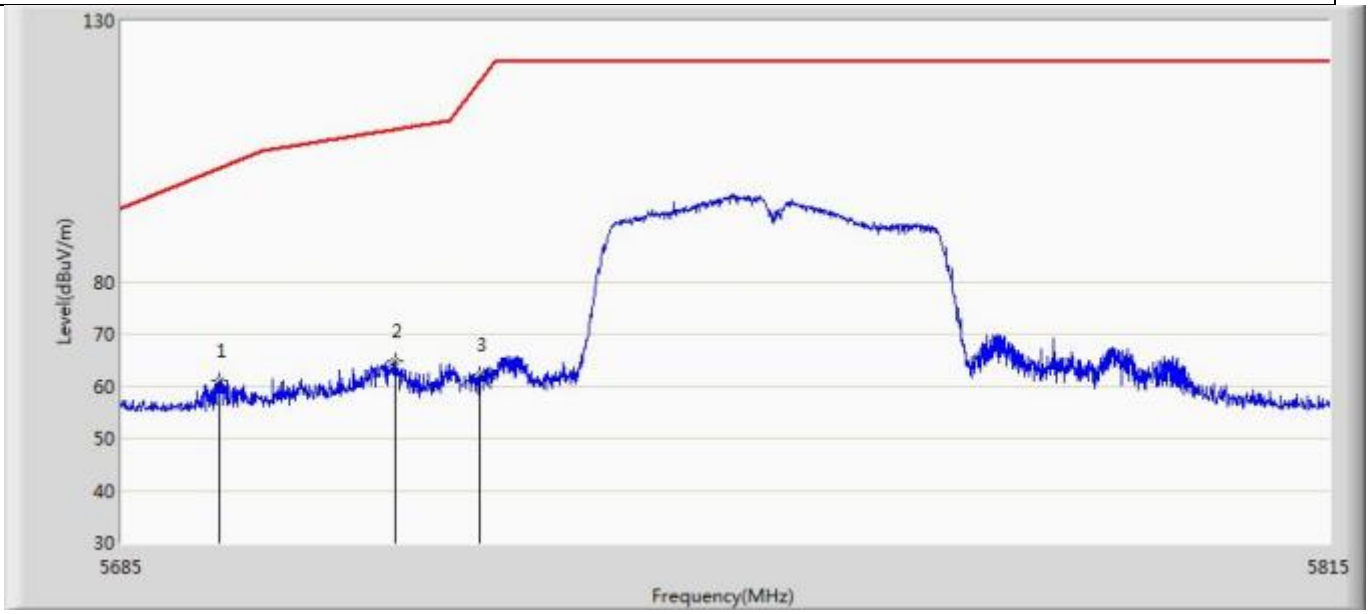
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5853.360	61.302	19.272	-53.236	114.538	42.030	PK
2		5868.840	57.856	15.650	-49.067	106.923	42.206	PK
3	*	5884.880	58.021	15.717	-39.843	97.864	42.304	PK

Profile: 2260325R	Page No.: 13
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5755MHz by 11n40	



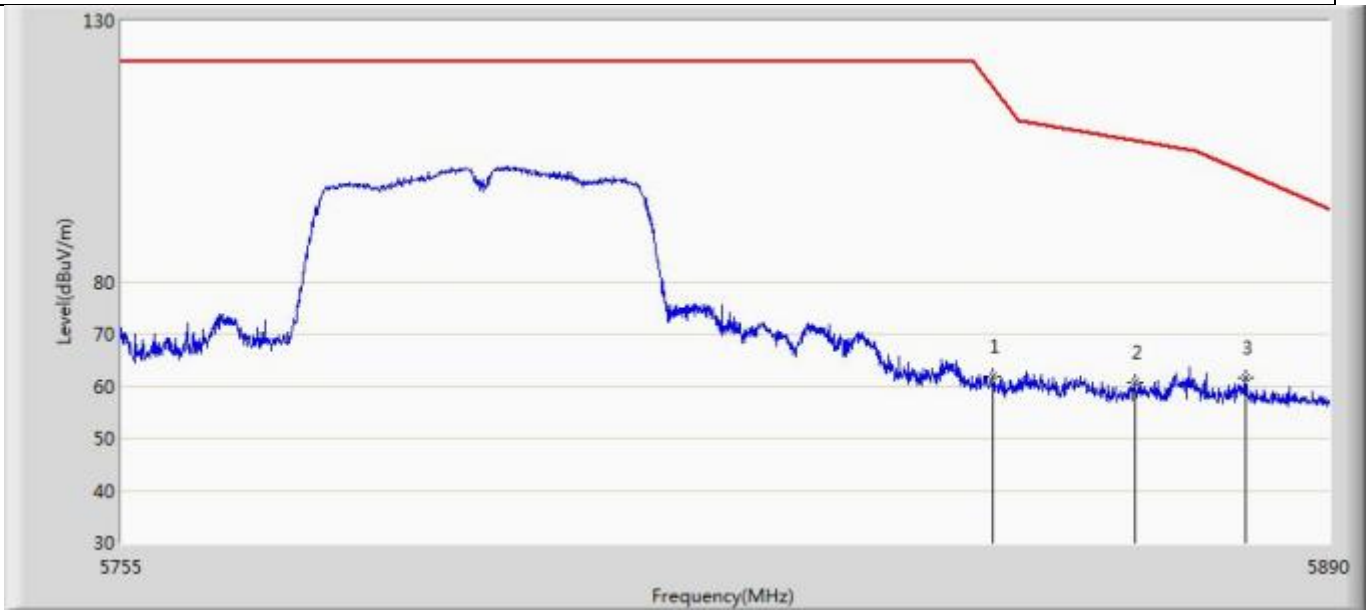
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5695.530	66.651	24.854	-35.255	101.905	41.797	PK
2		5712.885	70.633	28.291	-38.177	108.810	42.342	PK
3		5722.635	71.245	29.229	-45.564	116.809	42.015	PK

Profile: 2260325R	Page No.: 14
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:13
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5755MHz by 11n40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5695.400	61.000	19.210	-40.809	101.810	41.791	PK
2		5714.185	64.881	22.583	-44.292	109.174	42.298	PK
3		5723.285	62.163	20.169	-56.128	118.291	41.994	PK

Profile: 2260325R	Page No.: 15
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:13
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5795MHz by 11n40	

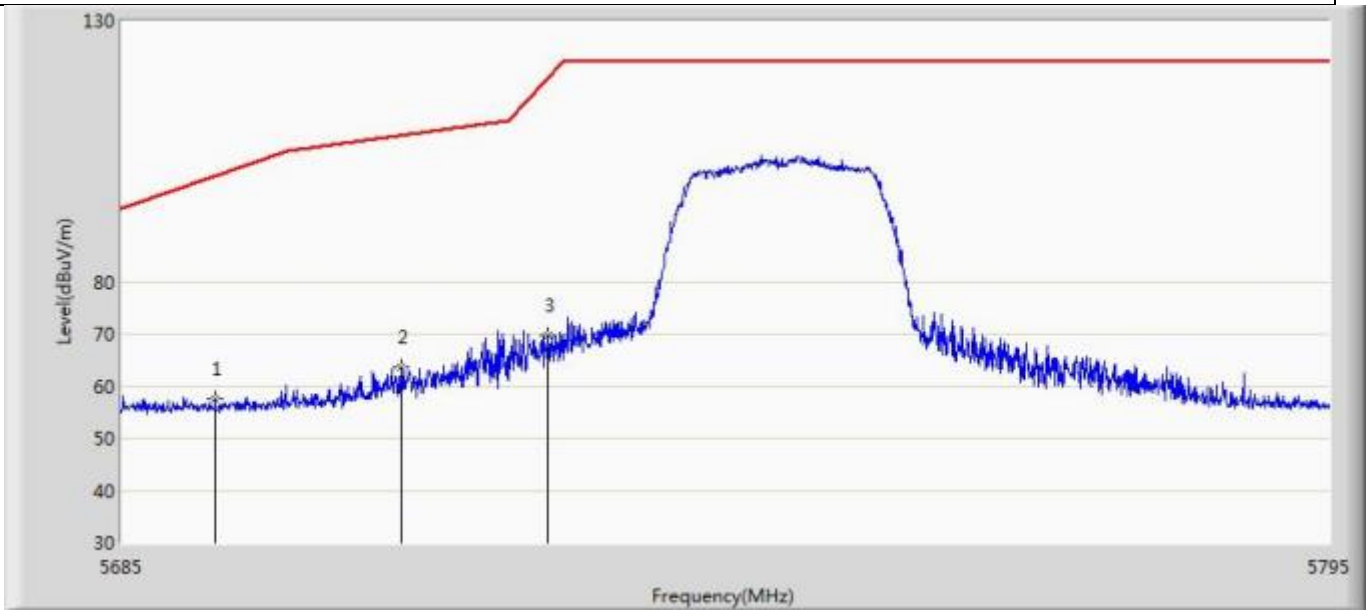


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5852.132	61.793	19.783	-55.545	117.338	42.010	PK
2		5868.130	60.745	18.543	-46.376	107.121	42.202	PK
3	*	5880.550	61.713	19.444	-39.364	101.077	42.269	PK

Profile: 2260325R	Page No.: 16
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:14
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 3:Transmit at 5795MHz by 11n40	

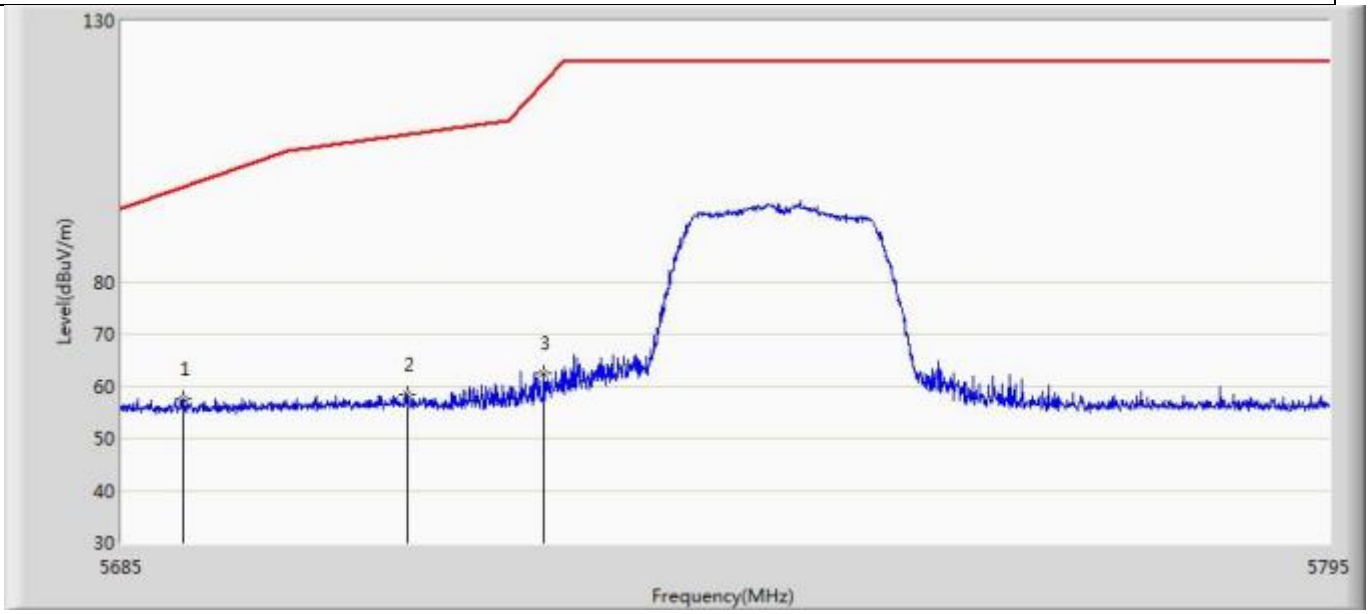
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5851.053	58.461	16.468	-61.338	119.798	41.993	PK
2		5866.780	58.135	15.940	-49.364	107.499	42.195	PK
3	*	5883.520	58.100	15.807	-40.773	98.873	42.293	PK

Profile: 2260325R	Page No.: 17
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5745MHz by 11ac20	



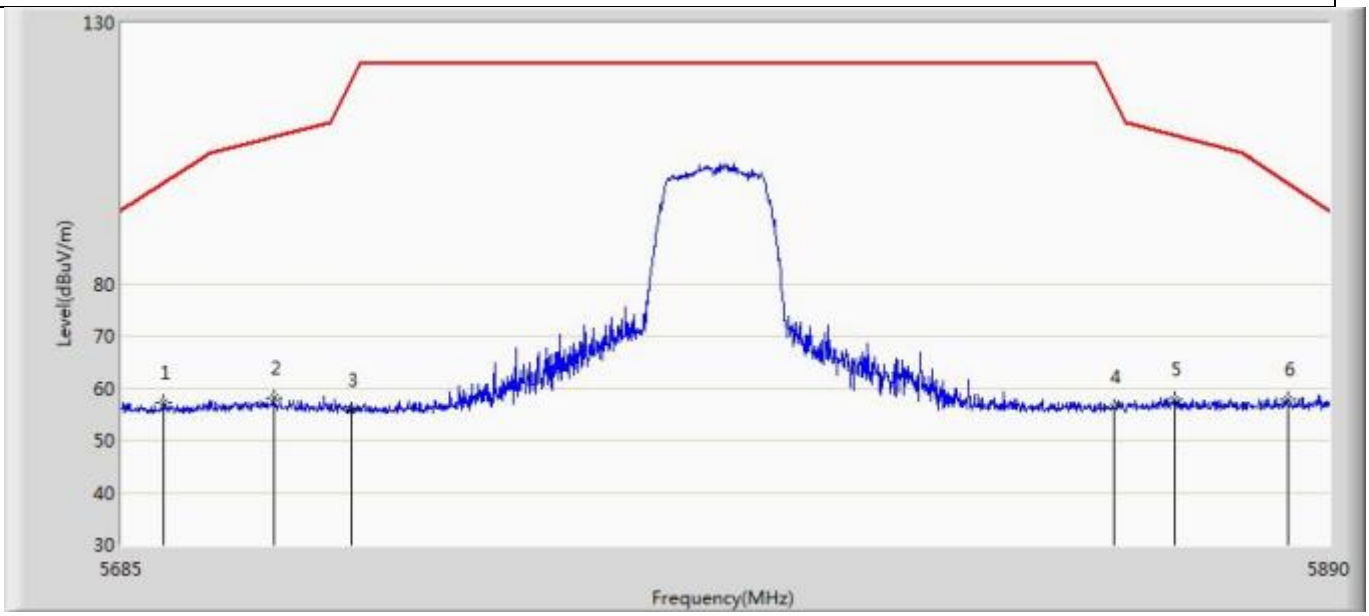
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5693.470	57.535	15.841	-42.852	100.386	41.694	PK
2		5710.300	63.629	21.201	-44.457	108.086	42.429	PK
3		5723.610	69.619	27.636	-49.413	119.032	41.983	PK

Profile: 2260325R	Page No.: 18
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5745MHz by 11ac20	



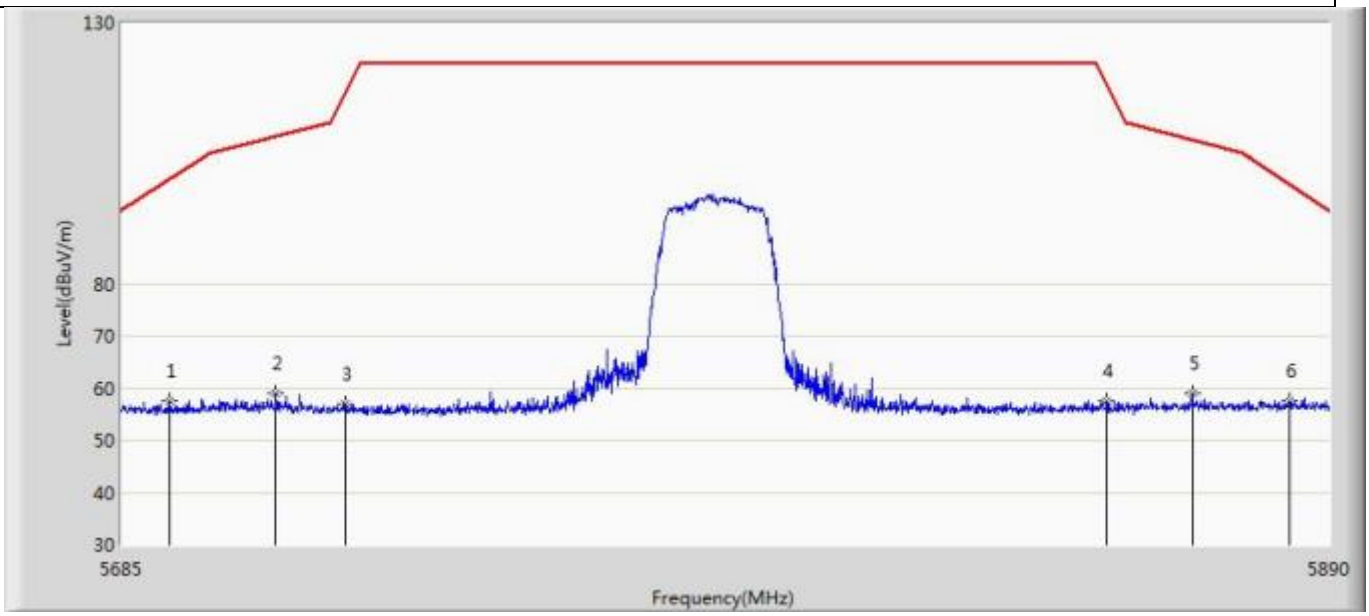
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5690.610	57.557	15.925	-40.719	98.276	41.632	PK
2		5710.795	58.516	16.104	-49.709	108.225	42.411	PK
3		5723.280	62.334	20.340	-55.945	118.280	41.994	PK

Profile: 2260325R	Page No.: 19
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:21
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5785MHz by 11ac20	



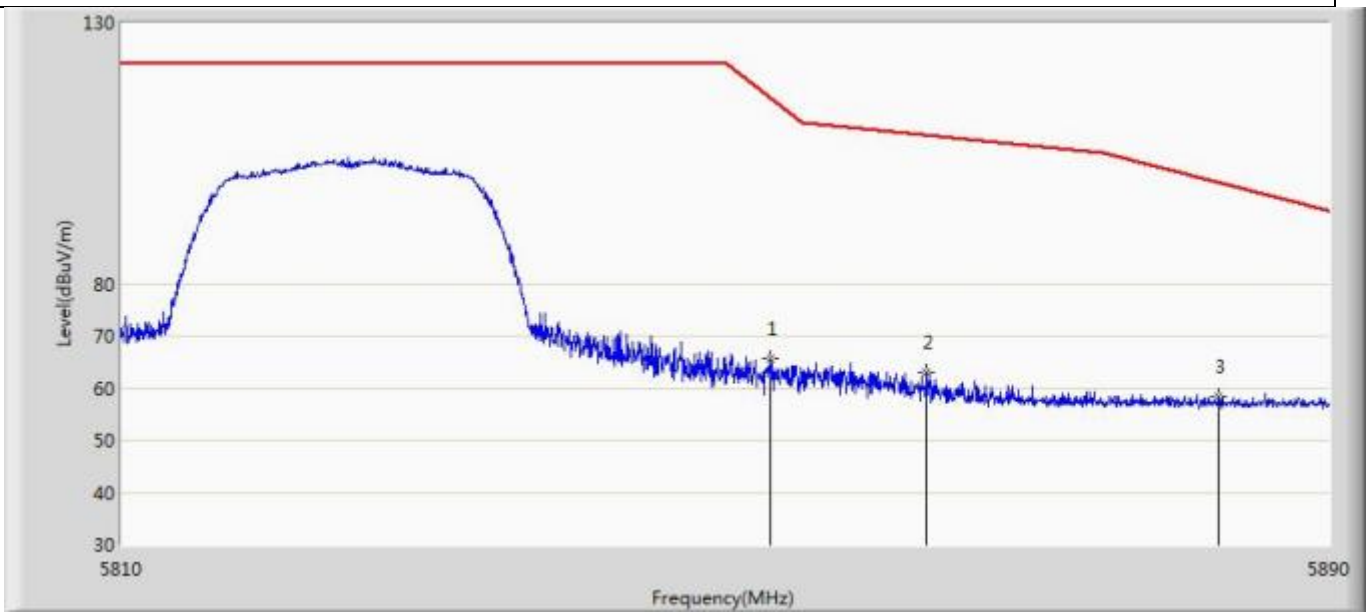
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.175	57.102	15.473	-42.329	99.431	41.629	PK
2		5710.420	58.182	15.758	-49.938	108.120	42.425	PK
3		5723.437	55.867	13.878	-62.771	118.637	41.989	PK
4		5852.998	56.243	14.219	-59.120	115.363	42.024	PK
5		5863.453	57.939	15.761	-50.491	108.431	42.178	PK
6	*	5882.825	57.825	15.537	-41.564	99.389	42.288	PK

Profile: 2260325R	Page No.: 20
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:21
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5785MHz by 11ac20	



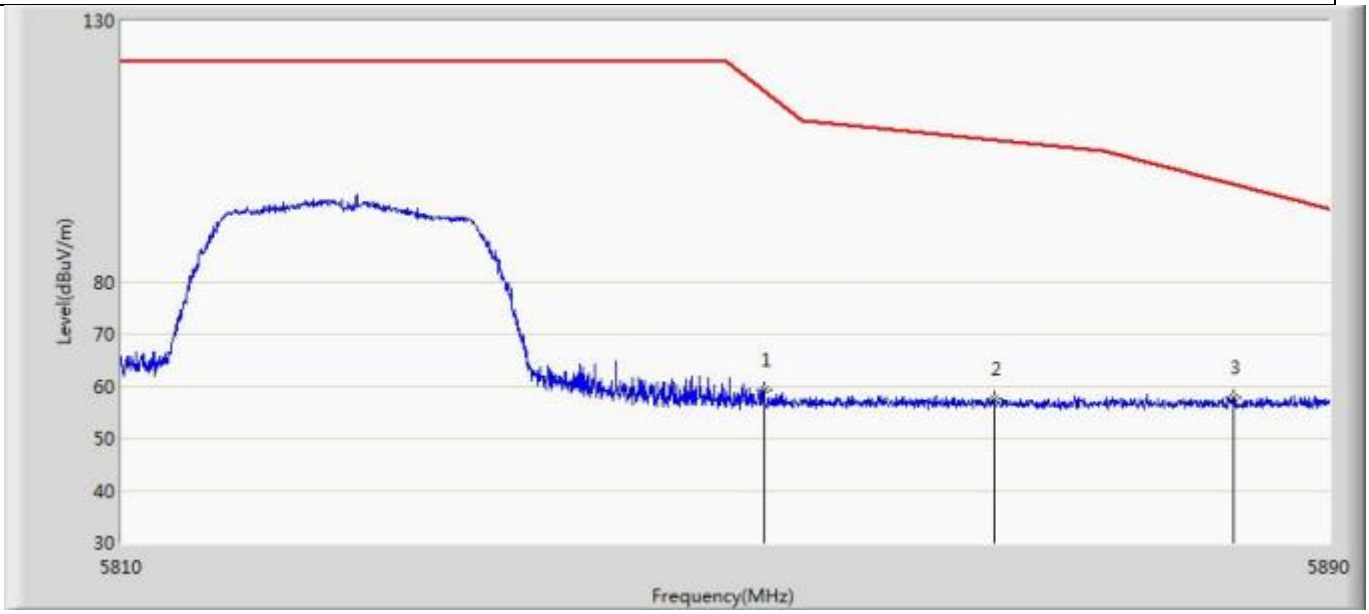
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.200	57.495	15.815	-42.692	100.187	41.680	PK
2		5710.830	58.983	16.572	-49.252	108.235	42.410	PK
3		5722.515	56.990	14.970	-59.546	116.535	42.019	PK
4		5851.768	57.538	15.534	-60.630	118.168	42.005	PK
5		5866.425	58.851	16.658	-48.747	107.599	42.193	PK
6	*	5883.235	57.496	15.205	-41.588	99.084	42.291	PK

Profile: 2260325R	Page No.: 21
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5825MHz by 11ac20	



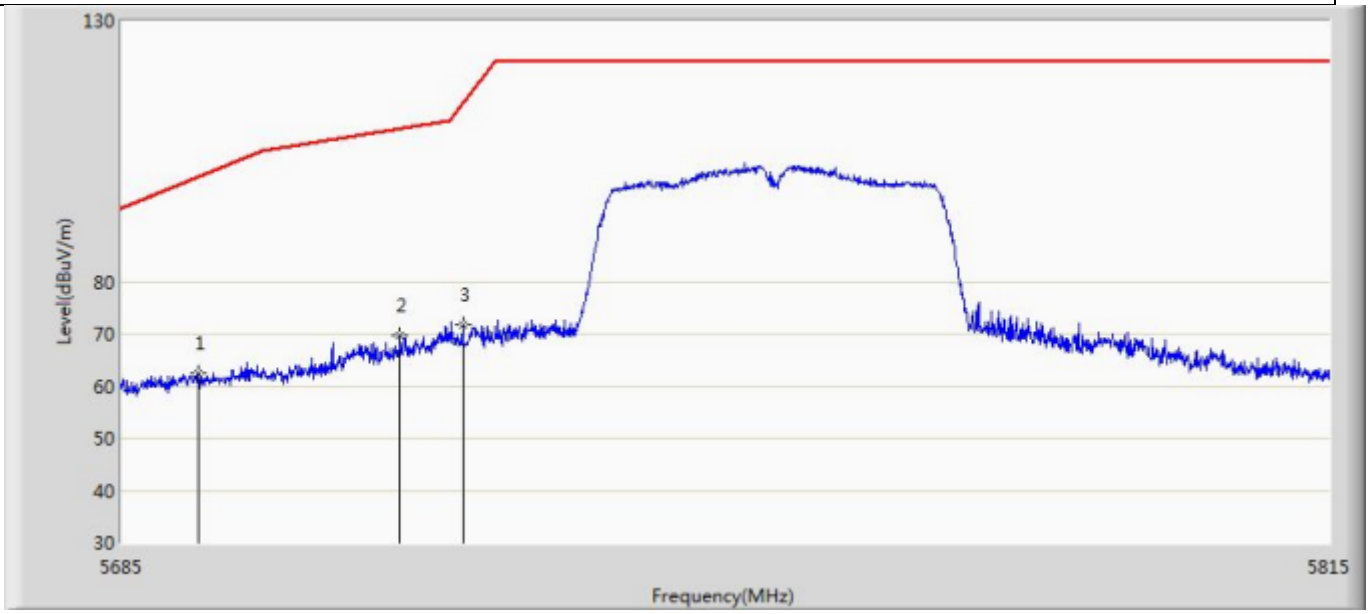
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5852.880	65.726	23.704	-49.906	115.632	42.022	PK
2		5863.240	63.186	21.009	-45.304	108.490	42.178	PK
3	*	5882.640	58.416	16.130	-41.110	99.526	42.286	PK

Profile: 2260325R	Page No.: 22
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 4:Transmit at 5825MHz by 11ac20	



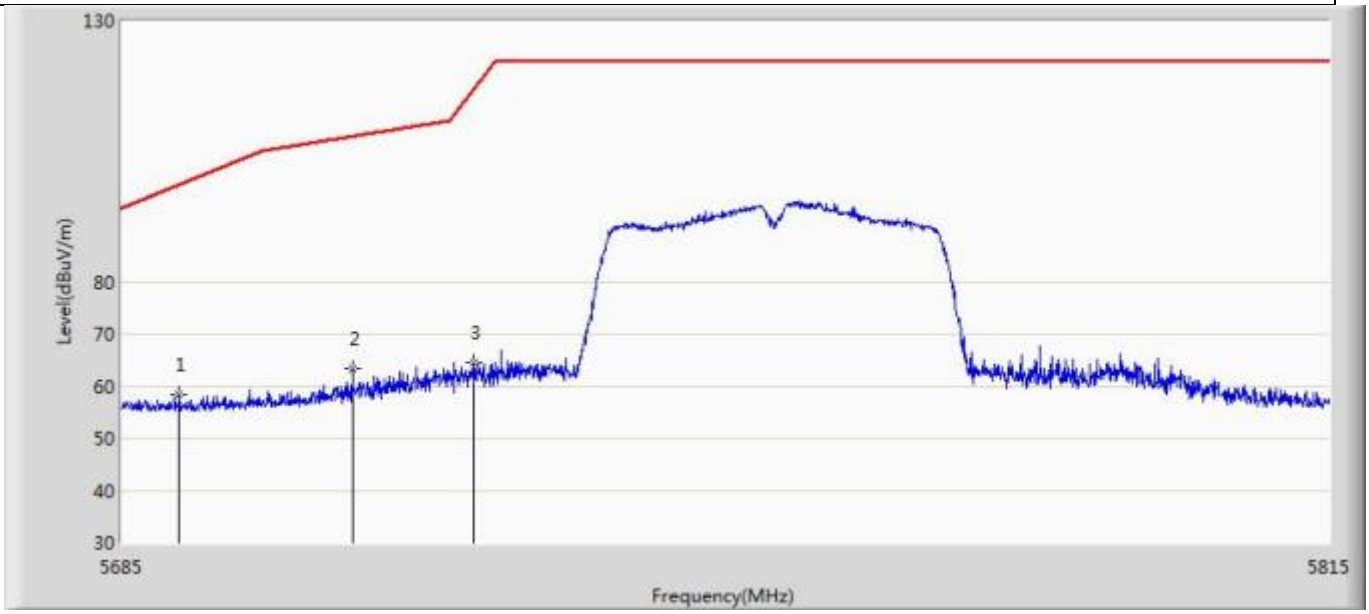
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5852.480	59.395	17.379	-57.150	116.544	42.016	PK
2		5867.720	57.602	15.402	-49.634	107.236	42.200	PK
3	*	5883.600	57.784	15.490	-41.030	98.814	42.294	PK

Profile: 2260325R	Page No.: 23
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5755MHz by 11ac40	



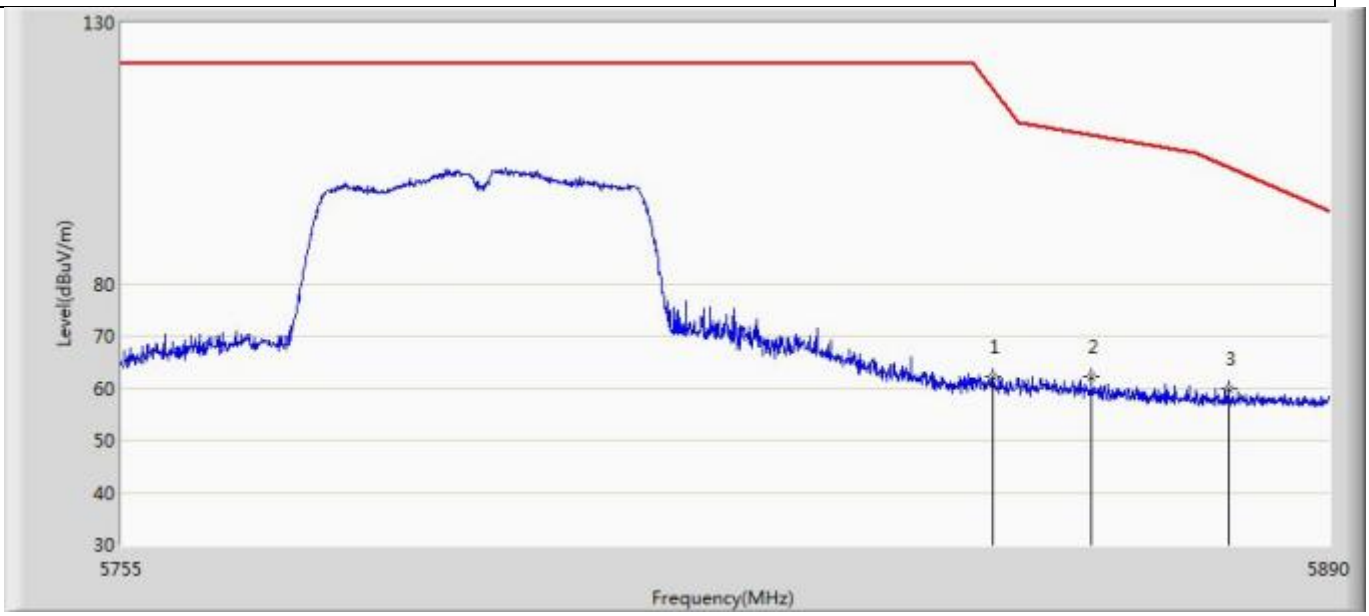
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5693.190	62.367	20.687	-37.813	100.180	41.680	PK
2		5714.770	69.684	27.405	-39.654	109.337	42.279	PK
3		5721.465	71.778	29.723	-42.363	114.141	42.055	PK

Profile: 2260325R	Page No.: 24
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5755MHz by 11ac40	



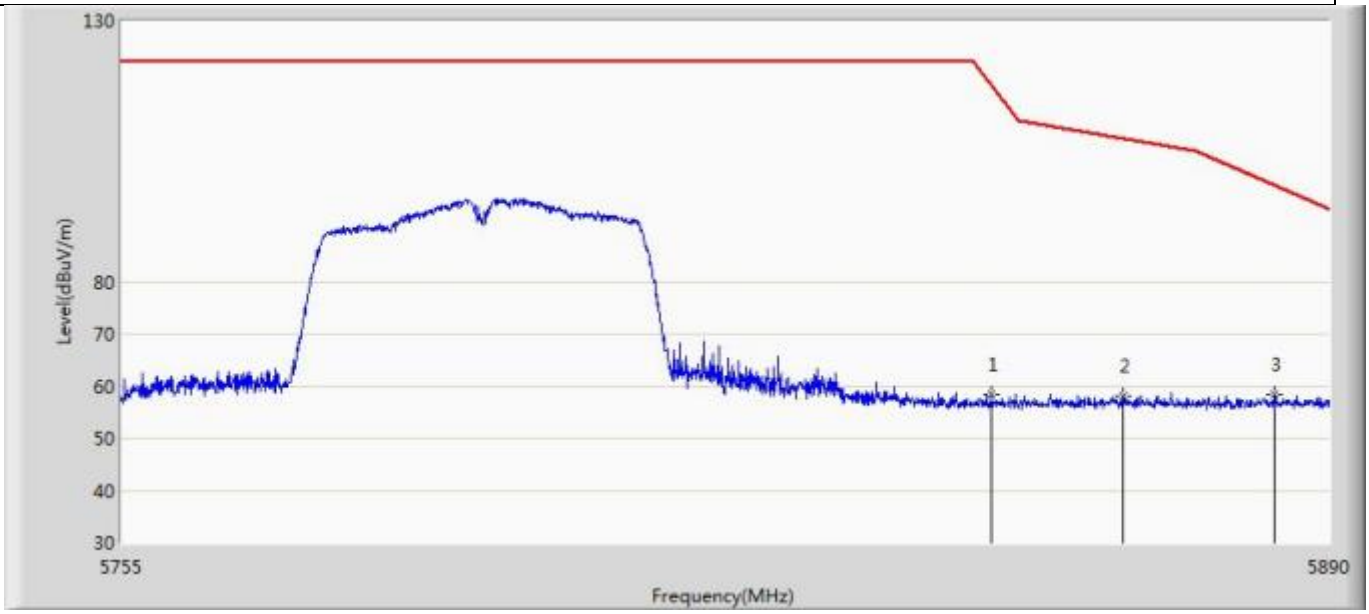
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5691.110	58.261	16.633	-40.384	98.645	41.628	PK
2		5709.635	63.201	20.750	-44.700	107.900	42.451	PK
3		5722.700	64.622	22.609	-52.335	116.957	42.014	PK

Profile: 2260325R	Page No.: 25
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:25
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5795MHz by 11ac40	



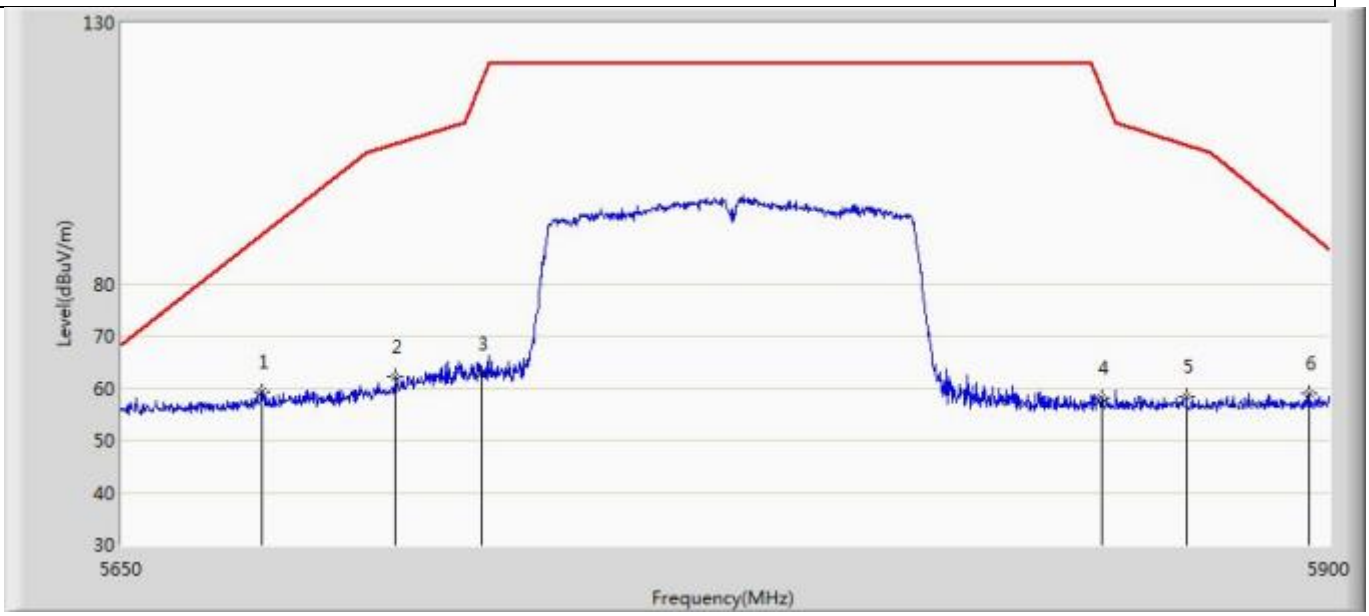
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5852.200	62.209	20.198	-54.973	117.183	42.011	PK
2		5863.203	62.033	19.856	-46.468	108.501	42.177	PK
3	*	5878.728	59.984	17.728	-42.447	102.430	42.256	PK

Profile: 2260325R	Page No.: 26
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 5:Transmit at 5795MHz by 11ac40	



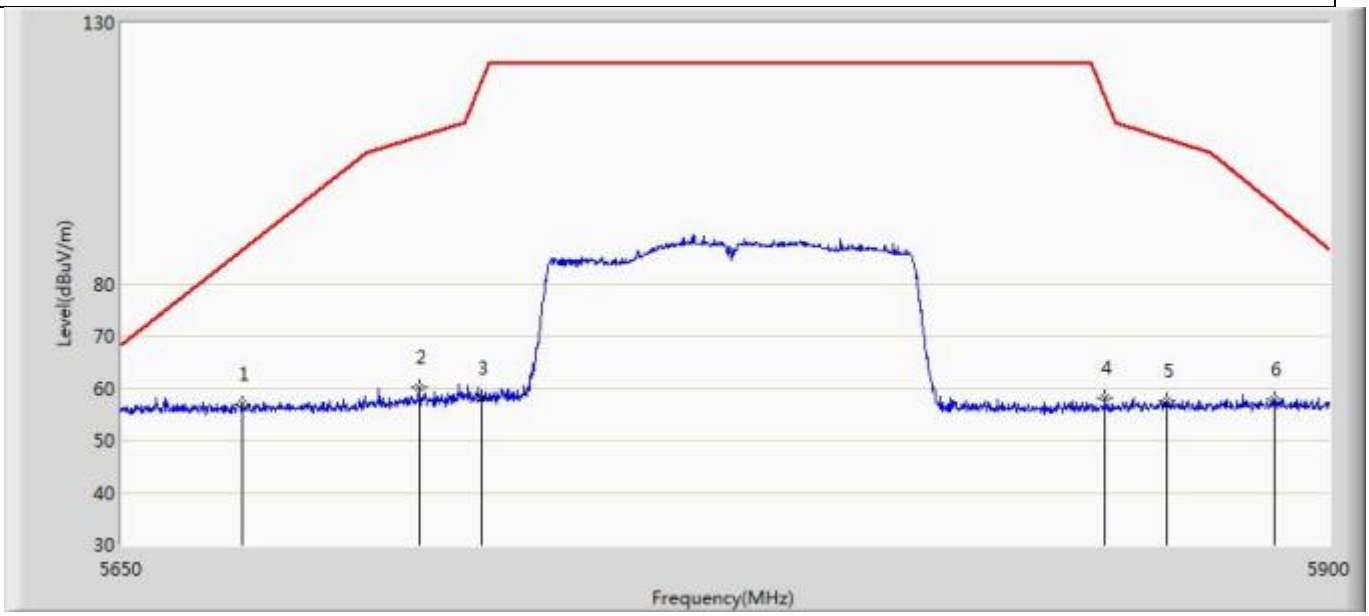
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5851.998	58.270	16.262	-59.373	117.643	42.008	PK
2		5866.712	58.188	15.993	-49.330	107.518	42.195	PK
3	*	5883.925	58.340	16.043	-40.233	98.572	42.297	PK

Profile: 2260325R	Page No.: 27
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5775MHz by 11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5678.625	59.416	17.680	-30.007	89.422	41.736	PK
2		5705.875	62.064	19.749	-44.783	106.847	42.316	PK
3		5723.500	62.848	20.861	-55.933	118.781	41.987	PK
4		5852.250	58.187	16.175	-58.882	117.069	42.012	PK
5		5870.000	58.365	16.154	-48.233	106.598	42.211	PK
6		5895.875	58.856	16.463	-30.858	89.714	42.393	PK

Profile: 2260325R	Page No.: 28
Engineer: YuLiu	
Site: AC5	Time: 2022/07/04 - 03:27
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LBEE5HY2DU	Power: DC 3.6V
Note: Mode 6:Transmit at 5775MHz by 11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5674.500	56.995	15.224	-29.376	86.371	41.771	PK
2		5710.625	60.106	17.688	-48.072	108.177	42.417	PK
3		5723.500	57.992	16.005	-60.789	118.781	41.987	PK
4		5852.875	58.251	16.229	-57.392	115.644	42.022	PK
5		5865.875	57.503	15.312	-50.250	107.753	42.190	PK
6		5888.375	57.920	15.587	-37.352	95.272	42.333	PK

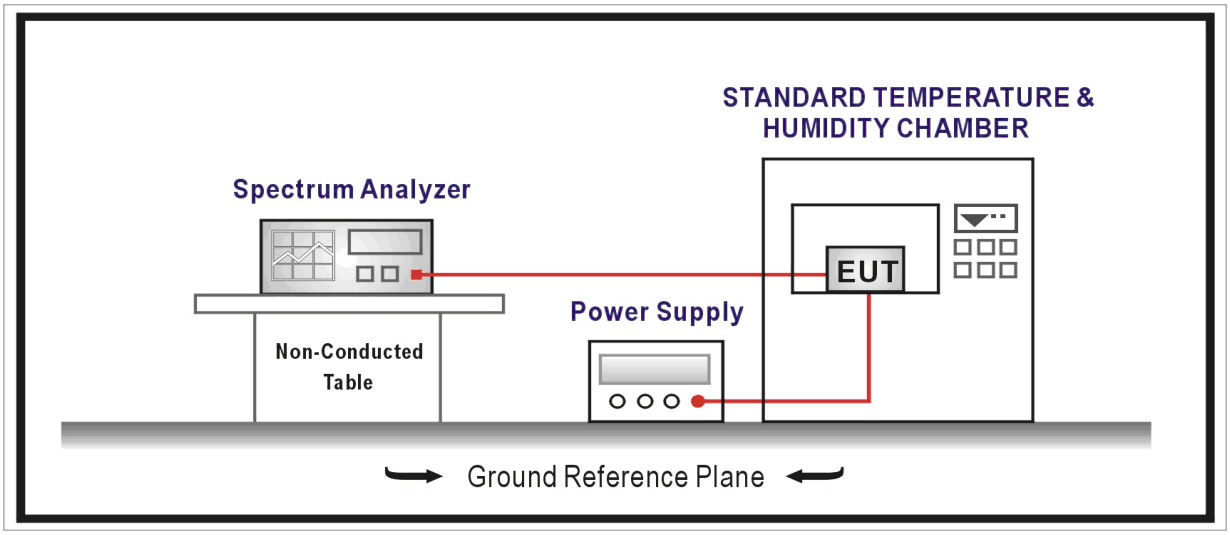
Note:
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

4.9 Frequency Stability	VERDICT: PASS

4.9.1 Limit:

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25ppm maximum for the 2.4 GHz band.

4.9.2 Test Setup



4.9.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

4.9.4 Test Data

Frequency Stability under Temperature at 0min				
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
-20	5500.000	-0.0017	±20	Pass
-10	5500.000	-0.0046	±20	Pass
0	5500.000	0.0015	±20	Pass
10	5500.000	0.0006	±20	Pass
20	5500.000	0.0009	±20	Pass
30	5500.000	-0.0006	±20	Pass
40	5500.000	-0.0007	±20	Pass
50	5500.000	-0.0014	±20	Pass
60	5500.000	-0.0034	±20	Pass
70	5500.000	-0.0065	±20	Pass
75	5500.000	-0.0069	±20	Pass

Frequency Stability under Temperature at 2min				
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
-20	5500.000	-0.0016	±20	Pass
-10	5500.000	-0.0016	±20	Pass
0	5500.000	-0.0036	±20	Pass
10	5500.000	0.0012	±20	Pass
20	5500.000	-0.0006	±20	Pass
30	5500.000	-0.0025	±20	Pass
40	5500.000	-0.0036	±20	Pass
50	5500.000	-0.0046	±20	Pass
60	5500.000	-0.0054	±20	Pass
70	5500.000	-0.0025	±20	Pass
75	5500.000	-0.0065	±20	Pass

Frequency Stability under Temperature at 5min				
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
-20	5500.000	-0.0024	±20	Pass
-10	5500.000	0.0026	±20	Pass
0	5500.000	0.0043	±20	Pass
10	5500.000	0.0035	±20	Pass
20	5500.000	-0.0012	±20	Pass
30	5500.000	-0.0033	±20	Pass
40	5500.000	-0.0017	±20	Pass
50	5500.000	-0.0012	±20	Pass
60	5500.000	-0.0052	±20	Pass
70	5500.000	-0.0020	±20	Pass
75	5500.000	-0.0039	±20	Pass

Frequency Stability under Temperature at 10min				
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
-20	5500.000	-0.0043	±20	Pass
-10	5500.000	-0.0045	±20	Pass
0	5500.000	-0.0063	±20	Pass
10	5500.000	0.0017	±20	Pass
20	5500.000	-0.0012	±20	Pass
30	5500.000	-0.0038	±20	Pass
40	5500.000	-0.0038	±20	Pass
50	5500.000	-0.0041	±20	Pass
60	5500.000	-0.0031	±20	Pass
70	5500.000	-0.0039	±20	Pass
75	5500.000	-0.0064	±20	Pass

Frequency Stability under Voltage				
DC Voltage (V)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
2.88	5500	-0.0014	±20	PASS
3.60	5500	-0.0013	±20	PASS
4.62	5500	0.0033	±20	PASS

4.10 Antenna Requirement	VERDICT: PASS

4.10.1 Limit:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.10.2 Antenna Connector Construction:

☐	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☒	The use of a nonstandard antenna jack or electrical connector

Please refer to the attached document “Internal Photograph” to show the antenna connector.

4.11 Test setup photo and EUT Photo	VERDICT: PASS

Remark: The test setup photo and EUT Photo please see appendix.

The End