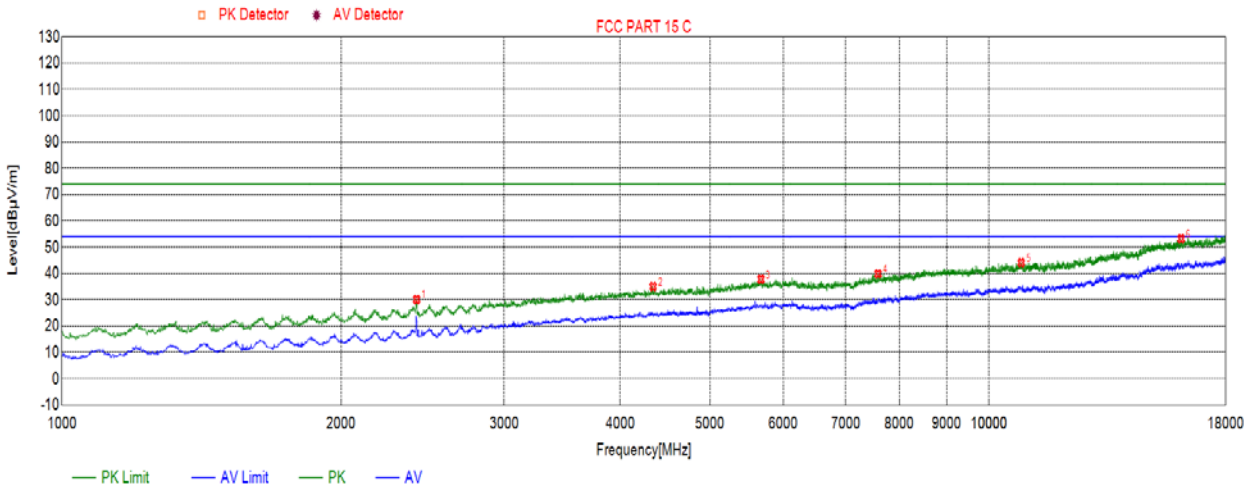
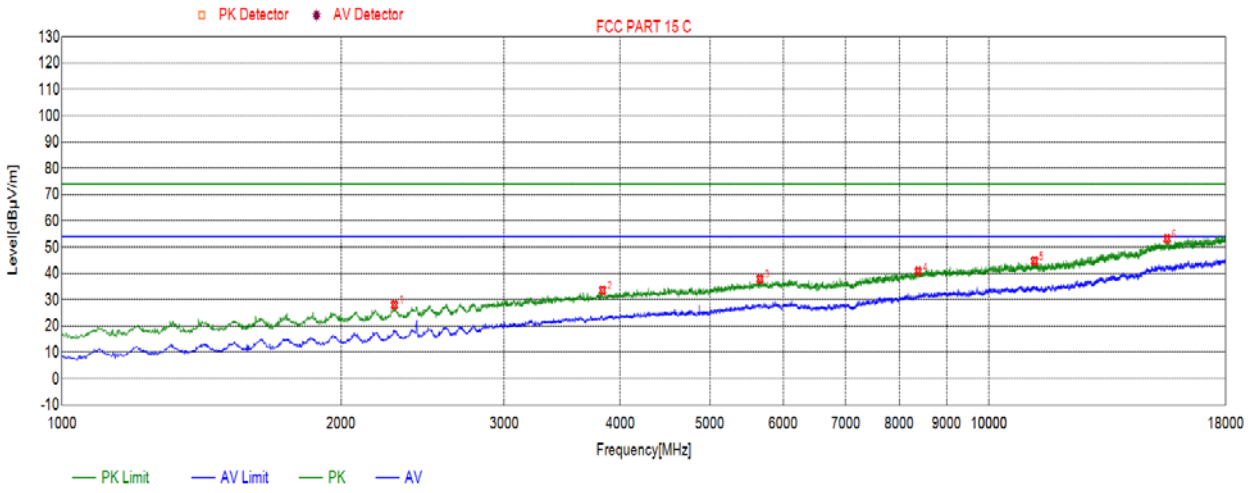
Test Mode	Channel	Polarization	Verdict
11NSISO40	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2412.8413	30.11	-12.50	74.00	-43.89	54.00	-23.89	peak
2	4340.8341	35.06	-5.77	74.00	-38.94	54.00	-18.94	peak
3	5675.4675	37.83	-2.04	74.00	-36.17	54.00	-16.17	peak
4	7589.8590	39.90	1.11	74.00	-34.10	54.00	-14.1	peak
5	10832.0832	44.09	6.77	74.00	-29.91	54.00	-9.91	peak
6	16112.8113	53.17	15.62	74.00	-20.83	54.00	-0.83	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

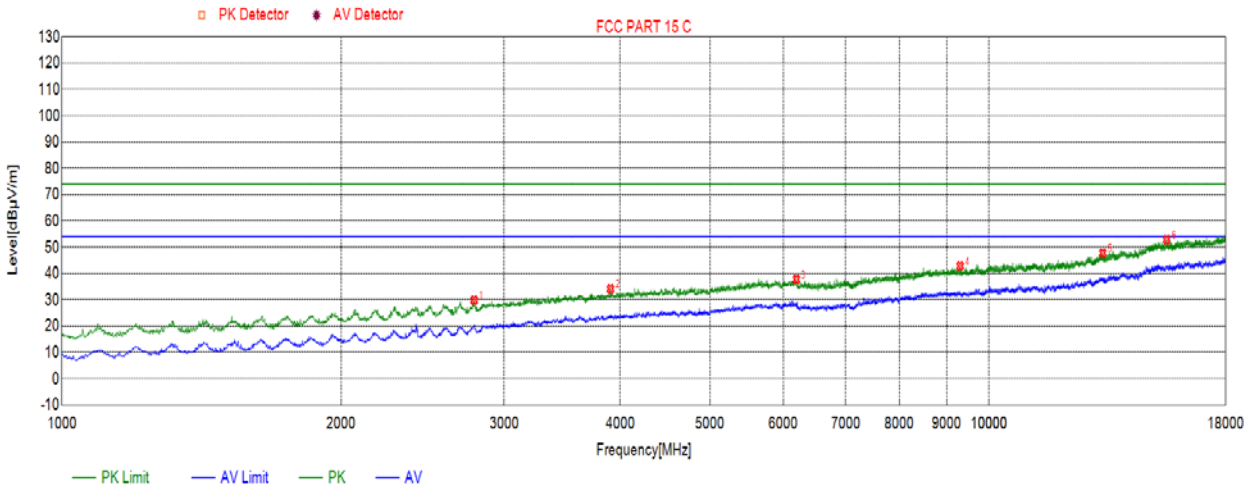
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2283.6284	28.07	-13.00	74.00	-45.93	54.00	-25.93	peak
2	3829.0829	33.62	-7.21	74.00	-40.38	54.00	-20.38	peak
3	5660.1660	37.90	-1.95	74.00	-36.10	54.00	-16.1	peak
4	8385.5386	40.83	2.76	74.00	-33.17	54.00	-13.17	peak
5	11195.9196	44.76	6.98	74.00	-29.24	54.00	-9.24	peak
6	15561.9562	53.12	14.86	74.00	-20.88	54.00	-0.88	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

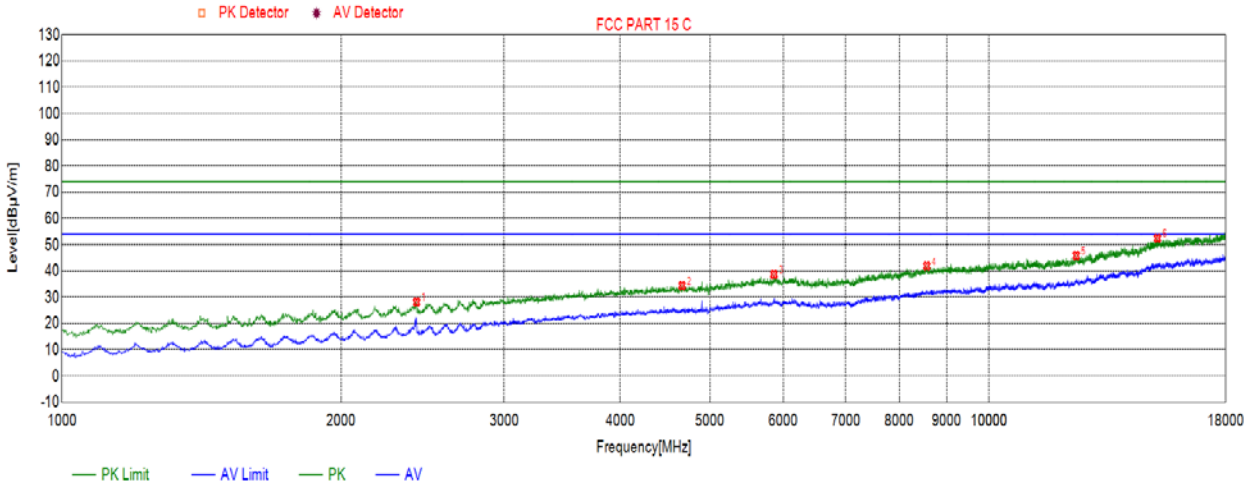
Test Mode	Channel	Polarization	Verdict
11NSISO40	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2783.4783	29.85	-11.38	74.00	-44.15	54.00	-24.15	peak
2	3905.5906	34.15	-6.50	74.00	-39.85	54.00	-19.85	peak
3	6197.4197	37.76	-1.35	74.00	-36.24	54.00	-16.24	peak
4	9307.0307	42.88	4.03	74.00	-31.12	54.00	-11.12	peak
5	13261.6262	47.72	10.29	74.00	-26.28	54.00	-6.28	peak
6	15543.2543	52.81	14.80	74.00	-21.19	54.00	-1.19	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

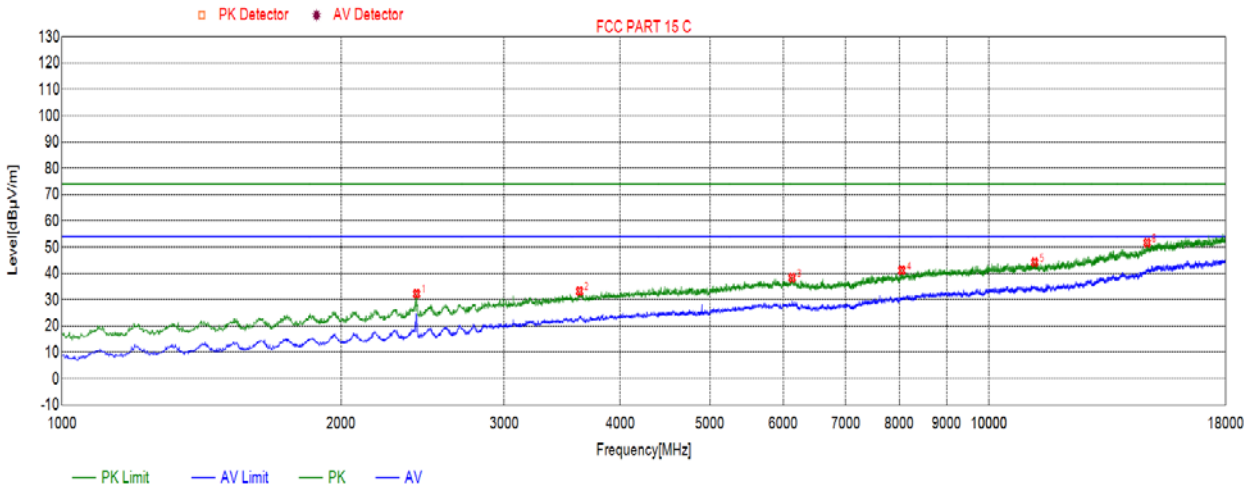
Test Mode	Channel	Polarization	Verdict
11NSISO40	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2412.8413	28.17	-12.50	74.00	-45.83	54.00	-25.83	peak
2	4665.5666	34.40	-5.32	74.00	-39.60	54.00	-19.6	peak
3	5860.7861	38.67	-1.85	74.00	-35.33	54.00	-15.33	peak
4	8567.4567	41.90	3.19	74.00	-32.10	54.00	-12.1	peak
5	12418.3418	45.85	8.55	74.00	-28.15	54.00	-8.15	peak
6	15193.0193	52.47	14.91	74.00	-21.53	54.00	-1.53	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11NSISO40	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2412.8413	32.26	-12.50	74.00	-41.74	54.00	-21.74	peak
2	3616.5617	33.26	-7.61	74.00	-40.74	54.00	-20.74	peak
3	6131.1131	38.41	-1.00	74.00	-35.59	54.00	-15.59	peak
4	8052.3052	41.23	1.87	74.00	-32.77	54.00	-12.77	peak
5	11201.0201	44.21	6.99	74.00	-29.79	54.00	-9.79	peak
6	14808.7809	51.71	14.13	74.00	-22.29	54.00	-2.29	peak

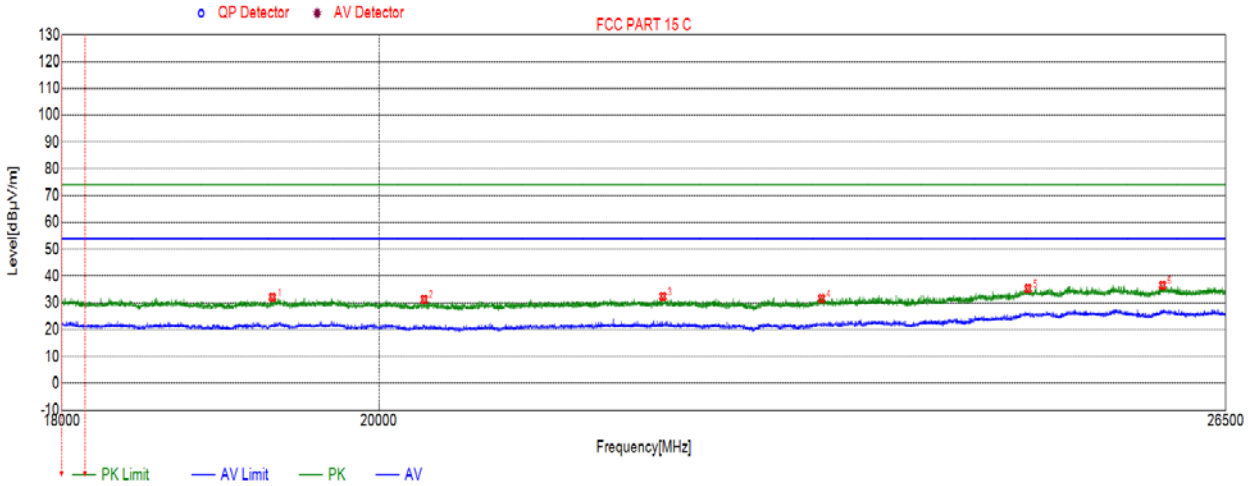
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

6.6.4. SPURIOUS EMISSIONS 18G ~ 26GHz

SPURIOUS EMISSIONS 18GHz TO 26GHz (WORST-CASE CONFIGURATION)

Adapter1: NBS05B050100VUU with Consumer Camera

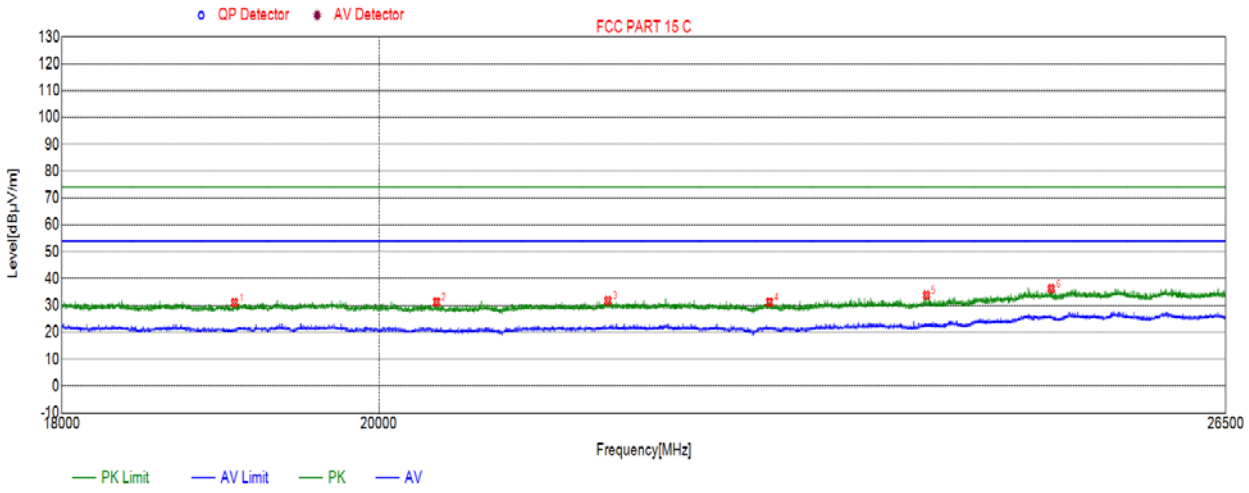
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19304.0304	32.07	-6.01	74.00	-41.93	54.00	-21.93	peak
2	20302.8803	31.28	-6.12	74.00	-42.72	54.00	-22.72	peak
3	21979.2479	32.38	-5.38	74.00	-41.62	54.00	-21.62	peak
4	23169.3669	31.64	-5.87	74.00	-42.36	54.00	-22.36	peak
5	24814.2814	35.34	-2.91	74.00	-38.66	54.00	-18.66	peak
6	25949.9950	36.55	-1.31	74.00	-37.45	54.00	-17.45	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

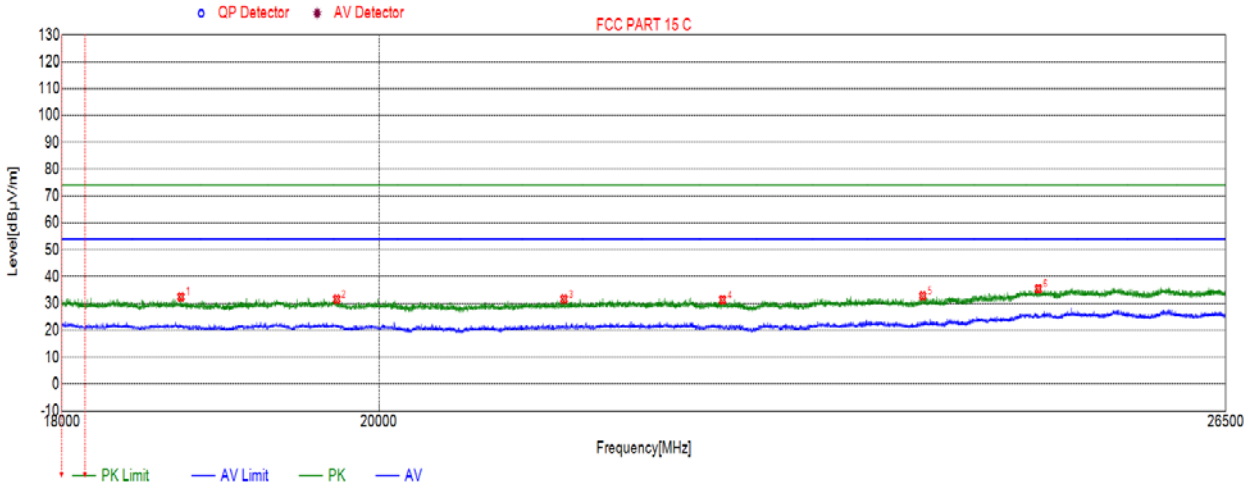
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19062.6063	30.98	-6.32	74.00	-43.02	54.00	-23.02	peak
2	20387.0387	31.30	-6.26	74.00	-42.70	54.00	-22.7	peak
3	21581.4081	31.77	-5.48	74.00	-42.23	54.00	-22.23	peak
4	22772.3772	31.19	-6.14	74.00	-42.81	54.00	-22.81	peak
5	23991.3991	33.84	-5.38	74.00	-40.16	54.00	-20.16	peak
6	25007.2507	36.22	-2.40	74.00	-37.78	54.00	-17.78	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

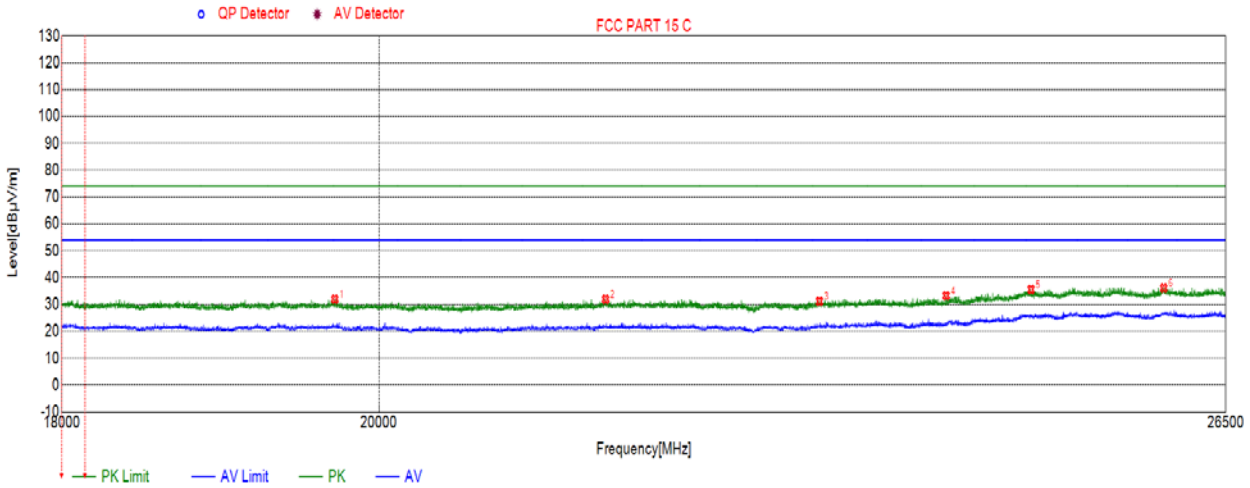
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18725.9726	32.47	-6.34	74.00	-41.53	54.00	-21.53	peak
2	19721.4221	31.63	-5.62	74.00	-42.37	54.00	-22.37	peak
3	21268.5769	31.65	-5.65	74.00	-42.35	54.00	-22.35	peak
4	22419.5920	31.37	-6.01	74.00	-42.63	54.00	-22.63	peak
5	23961.6462	32.84	-5.39	74.00	-41.16	54.00	-21.16	peak
6	24900.1400	35.44	-2.68	74.00	-38.56	54.00	-18.56	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

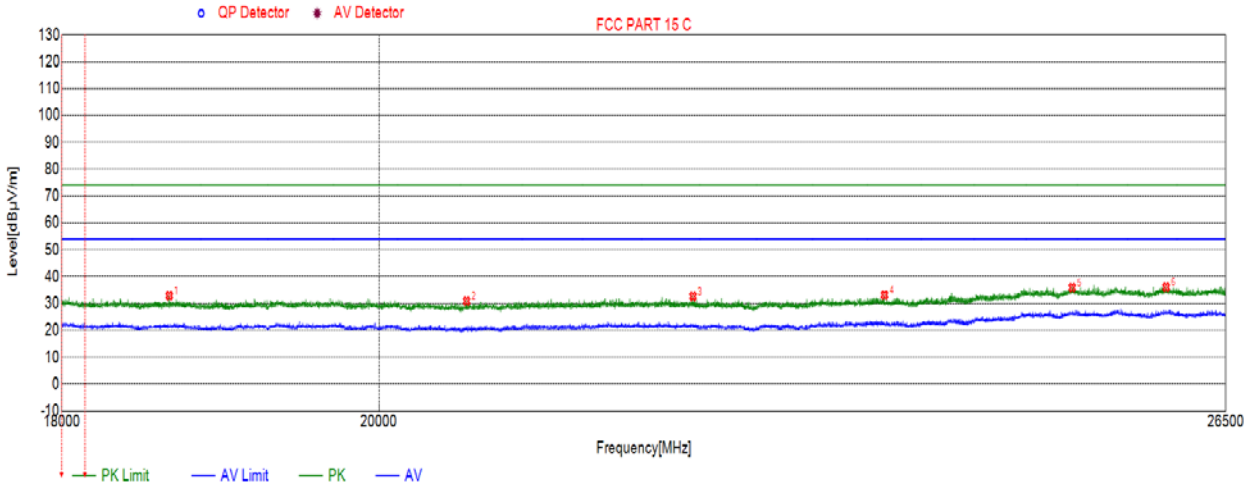
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Vertical	PASS



No.	Frequency	Result	Factor	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dB)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	19708.6709	31.96	-5.62	74.00	-42.04	54.00	-22.04	peak
2	21564.4064	31.94	-5.48	74.00	-42.06	54.00	-22.06	peak
3	23153.2153	31.16	-5.89	74.00	-42.84	54.00	-22.84	peak
4	24148.6649	33.27	-4.88	74.00	-40.73	54.00	-20.73	peak
5	24839.7840	35.58	-2.84	74.00	-38.42	54.00	-18.42	peak
6	25960.1960	36.14	-1.30	74.00	-37.86	54.00	-17.86	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

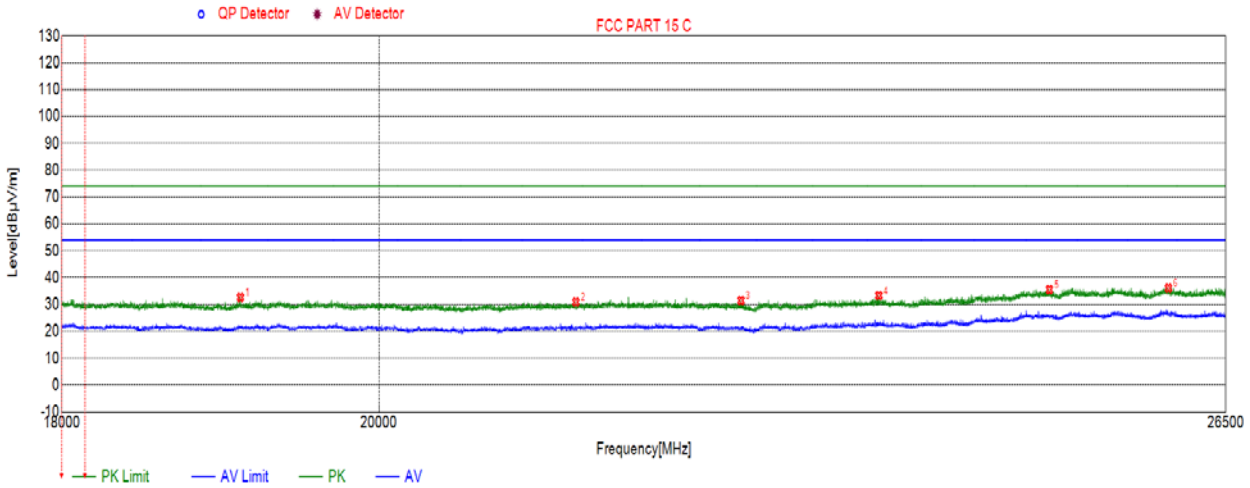
Test Mode	Channel	Polarization	Verdict
1NSISO20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	18653.7154	32.90	-6.36	74.00	-41.10	54.00	-21.1	peak
2	20591.0591	30.85	-6.31	74.00	-43.15	54.00	-23.15	peak
3	22200.2700	32.67	-5.72	74.00	-41.33	54.00	-21.33	peak
4	23659.0159	33.13	-5.34	74.00	-40.87	54.00	-20.87	peak
5	25181.5182	35.92	-2.16	74.00	-38.08	54.00	-18.08	peak
6	25980.5981	36.09	-1.29	74.00	-37.91	54.00	-17.91	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Vertical	PASS

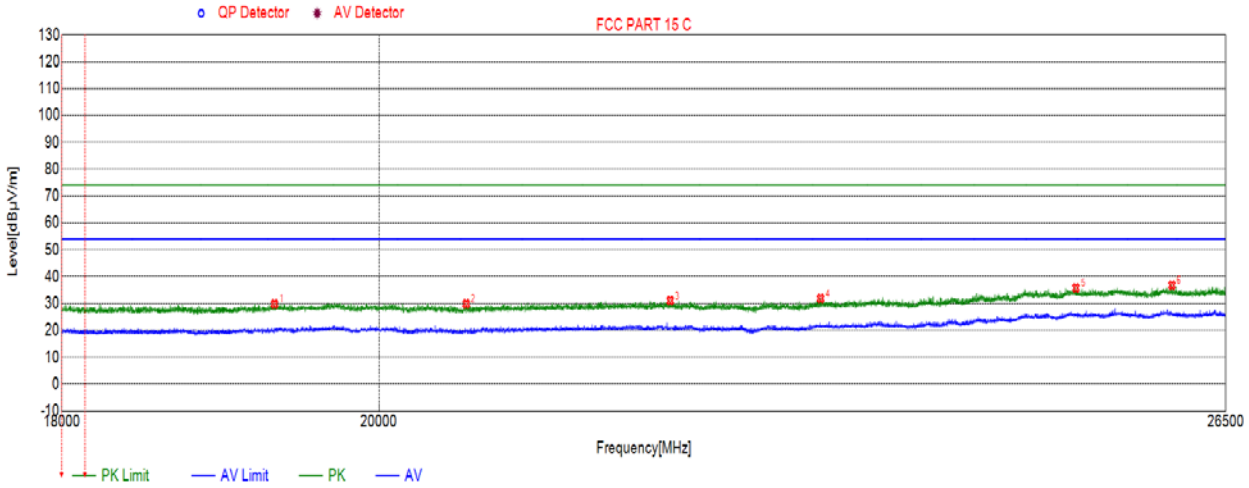


No.	Frequency	Result	Factor	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dB)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	19100.0100	32.68	-6.26	74.00	-41.32	54.00	-21.32	peak
2	21352.7353	30.88	-5.61	74.00	-43.12	54.00	-23.12	peak
3	22557.3057	31.45	-6.10	74.00	-42.55	54.00	-22.55	peak
4	23614.8115	33.32	-5.31	74.00	-40.68	54.00	-20.68	peak
5	24991.9492	35.53	-2.43	74.00	-38.47	54.00	-18.47	peak
6	26000.1500	36.13	-1.28	74.00	-37.87	54.00	-17.87	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Adapter: ED1-050100UA with Consumer Camera

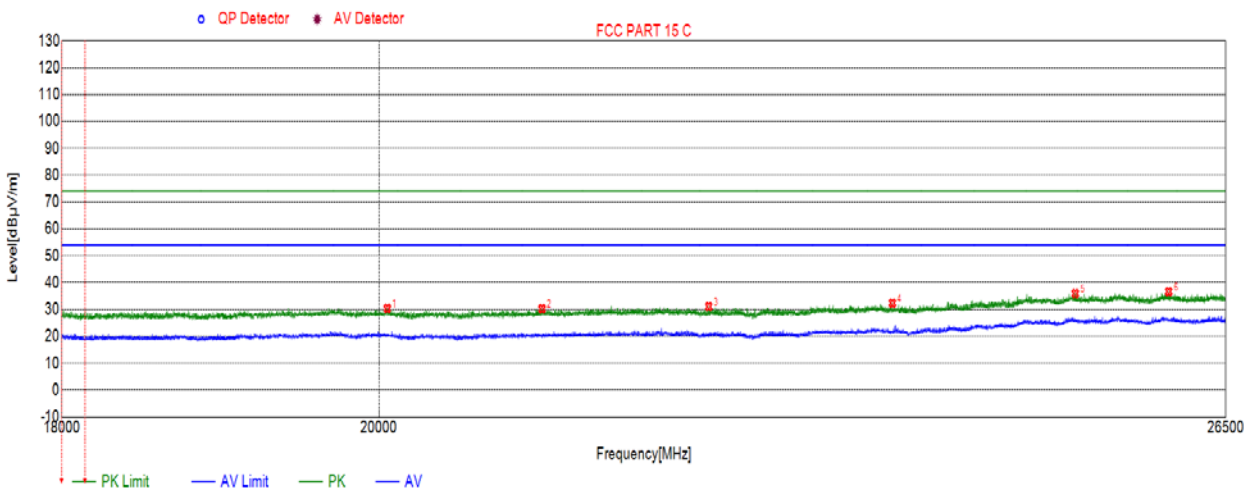
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19317.6318	29.81	-5.99	74.00	-44.19	54.00	-24.19	peak
2	20588.5089	29.87	-6.31	74.00	-44.13	54.00	-24.13	peak
3	22032.8033	31.06	-5.45	74.00	-42.94	54.00	-22.94	peak
4	23161.7162	31.88	-5.88	74.00	-42.12	54.00	-22.12	peak
5	25212.9713	35.78	-2.11	74.00	-38.22	54.00	-18.22	peak
6	26030.7531	36.83	-1.25	74.00	-37.17	54.00	-17.17	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

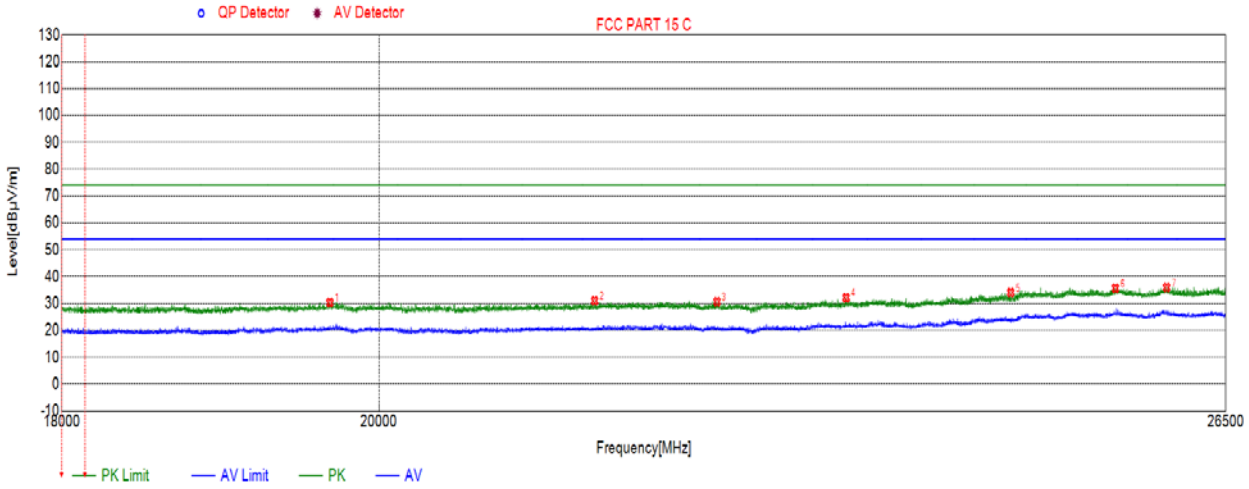
Test Mode	Channel	Polarization	Verdict
11NSISO20	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	20055.5056	30.39	-5.72	74.00	-43.61	54.00	-23.61	peak
2	21113.8614	30.27	-5.70	74.00	-43.73	54.00	-23.73	peak
3	22316.7317	31.09	-5.87	74.00	-42.91	54.00	-22.91	peak
4	23721.0721	32.35	-5.37	74.00	-41.65	54.00	-21.65	peak
5	25207.8708	35.95	-2.12	74.00	-38.05	54.00	-18.05	peak
6	26002.7003	36.62	-1.28	74.00	-37.38	54.00	-17.38	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

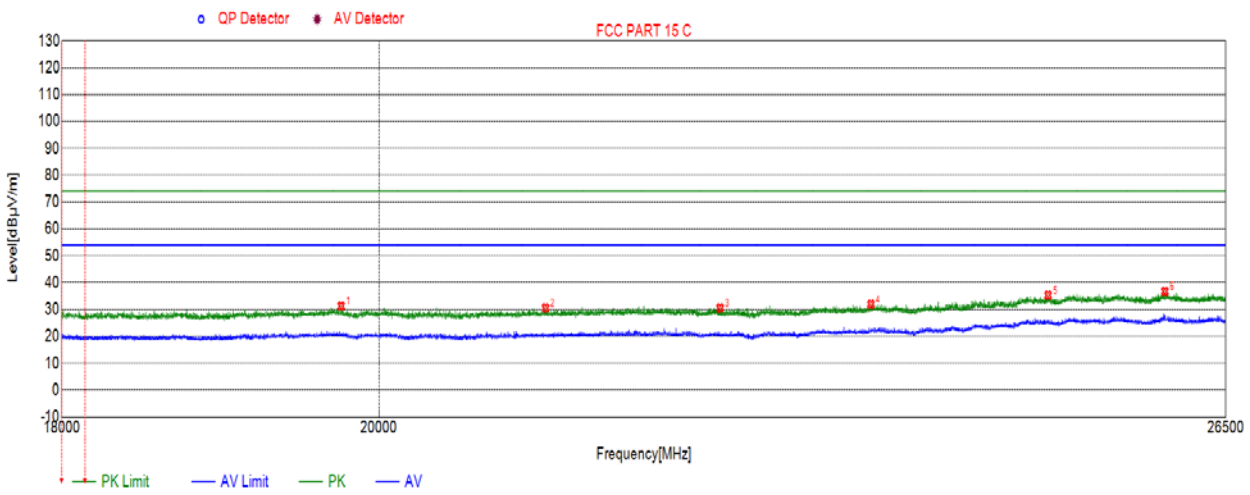
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19676.3676	30.36	-5.62	74.00	-43.64	54.00	-23.64	peak
2	21486.1986	30.99	-5.51	74.00	-43.01	54.00	-23.01	peak
3	22377.9378	30.63	-5.96	74.00	-43.37	54.00	-23.37	peak
4	23358.9359	32.12	-5.56	74.00	-41.88	54.00	-21.88	peak
5	24672.3172	34.06	-3.26	74.00	-39.94	54.00	-19.94	peak
6	25546.2046	35.65	-1.51	74.00	-38.35	54.00	-18.35	peak
7	25984.8485	35.96	-1.29	74.00	-38.04	54.00	-18.04	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

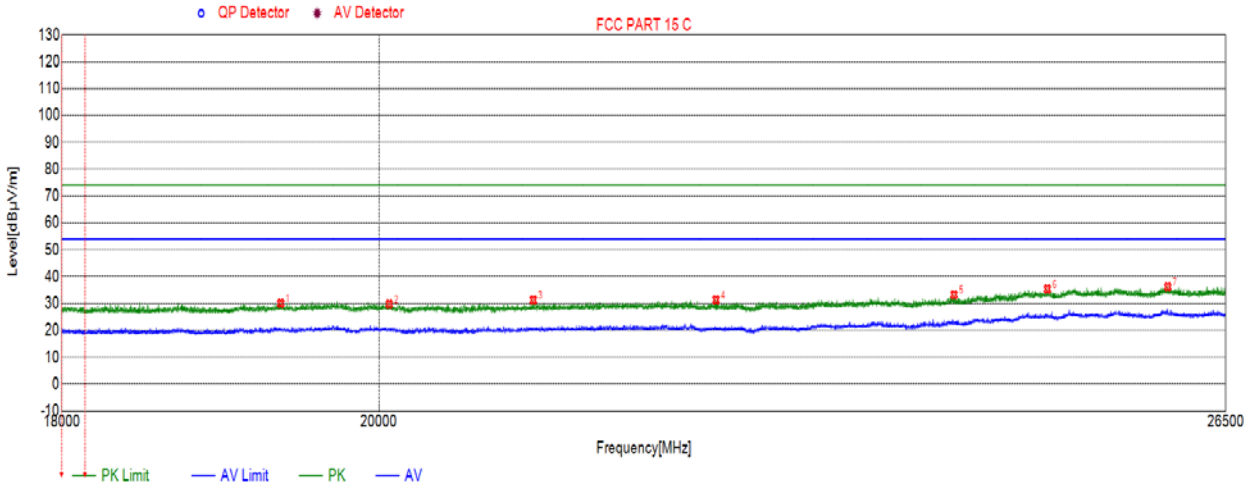
Test Mode	Channel	Polarization	Verdict
11NSISO20	MCH	Vertical	PASS



No.	Frequency	Result	Factor	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dB)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	19750.3250	31.25	-5.62	74.00	-42.75	54.00	-22.75	peak
2	21138.5139	30.57	-5.69	74.00	-43.43	54.00	-23.43	peak
3	22400.8901	30.54	-5.99	74.00	-43.46	54.00	-23.46	peak
4	23552.7553	31.95	-5.28	74.00	-42.05	54.00	-22.05	peak
5	24980.8981	35.28	-2.46	74.00	-38.72	54.00	-18.72	peak
6	25969.5470	36.74	-1.30	74.00	-37.26	54.00	-17.26	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

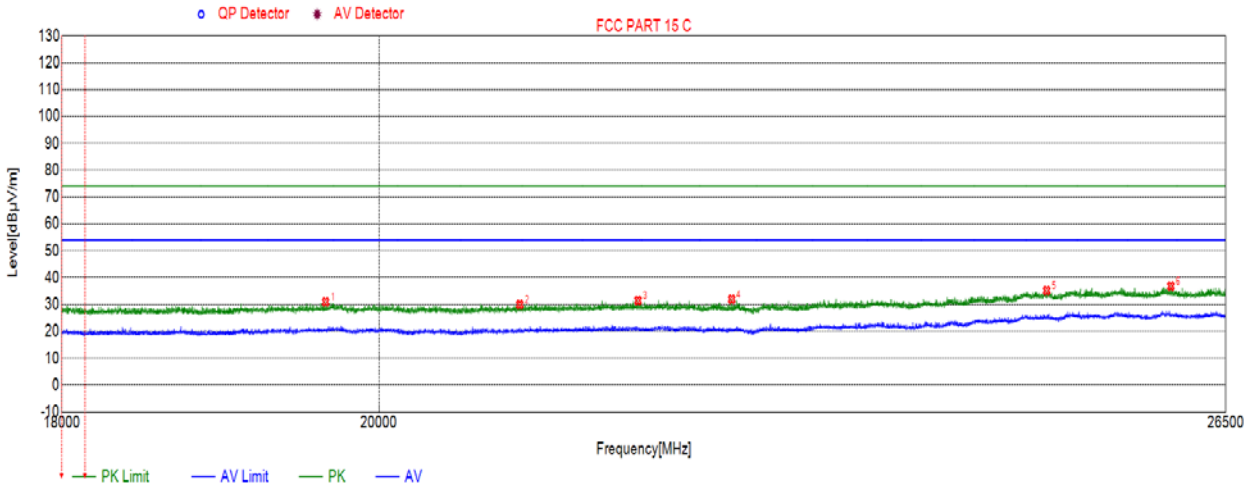
Test Mode	Channel	Polarization	Verdict
1NSISO20	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19357.5858	30.04	-5.91	74.00	-43.96	54.00	-23.96	peak
2	20068.2568	29.77	-5.74	74.00	-44.23	54.00	-24.23	peak
3	21052.6553	31.28	-5.75	74.00	-42.72	54.00	-22.72	peak
4	22370.2870	31.33	-5.95	74.00	-42.67	54.00	-22.67	peak
5	24212.4212	33.21	-4.67	74.00	-40.79	54.00	-20.79	peak
6	24974.9475	35.37	-2.48	74.00	-38.63	54.00	-18.63	peak
7	25995.0495	36.21	-1.29	74.00	-37.79	54.00	-17.79	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11NSISO20	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	19648.3148	30.94	-5.62	74.00	-43.06	54.00	-21.32	peak
2	20958.2958	29.95	-5.84	74.00	-44.05	54.00	-23.12	peak
3	21798.1798	31.46	-5.41	74.00	-42.54	54.00	-22.55	peak
4	22487.5988	31.96	-6.08	74.00	-42.04	54.00	-20.68	peak
5	24968.9969	35.16	-2.49	74.00	-38.84	54.00	-18.47	peak
6	26021.4021	36.86	-1.26	74.00	-37.14	54.00	-17.87	peak

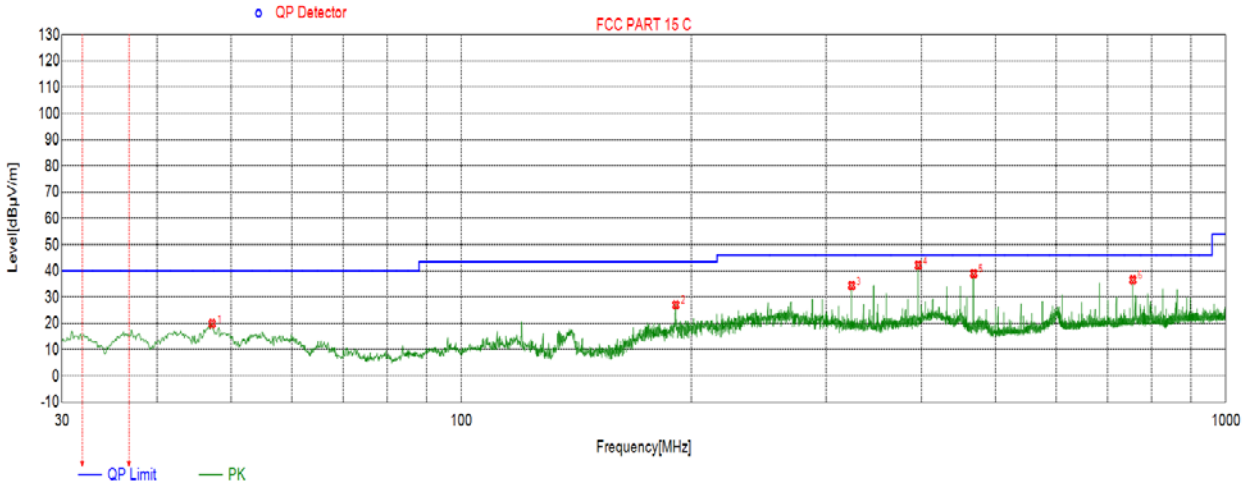
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

6.6.5. SPURIOUS EMISSIONS 30M ~ 1GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)

Adapter1: NBS05B050100VUU with Consumer Camera

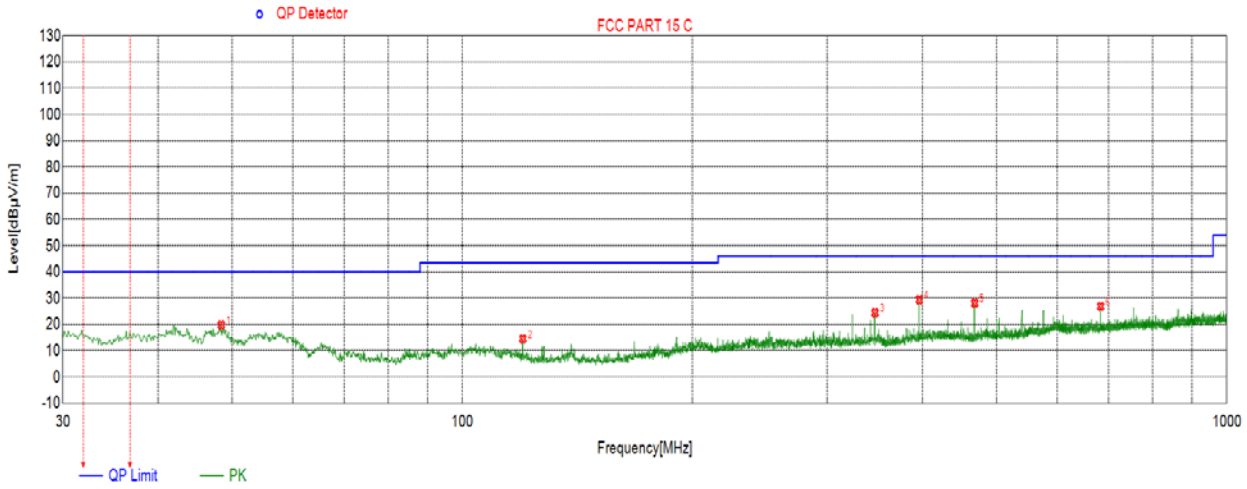
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.1707	19.93	-24.37	40.00	-20.07	QP
2	190.7451	27.09	-26.41	43.50	-16.41	QP
3	324.0364	34.44	-22.47	46.00	-11.56	QP
4	396.0176	42.21	-20.56	46.00	-3.79	QP
5	467.9988	39.02	-19.09	46.00	-6.98	QP
6	756.0206	36.57	-14.01	46.00	-9.43	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

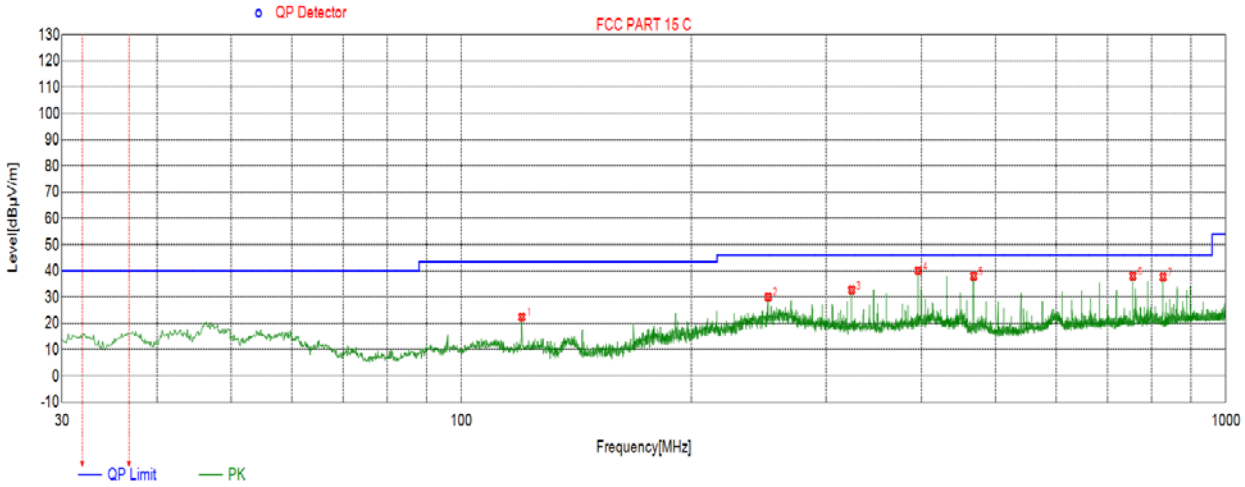
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	48.3348	19.78	-24.34	40.00	-20.22	QP
2	119.9280	14.54	-27.62	43.50	-28.96	QP
3	346.5427	24.41	-21.43	46.00	-21.59	QP
4	396.0176	29.44	-20.56	46.00	-16.56	QP
5	467.9988	28.10	-19.09	46.00	-17.90	QP
6	684.0394	26.89	-15.03	46.00	-19.11	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

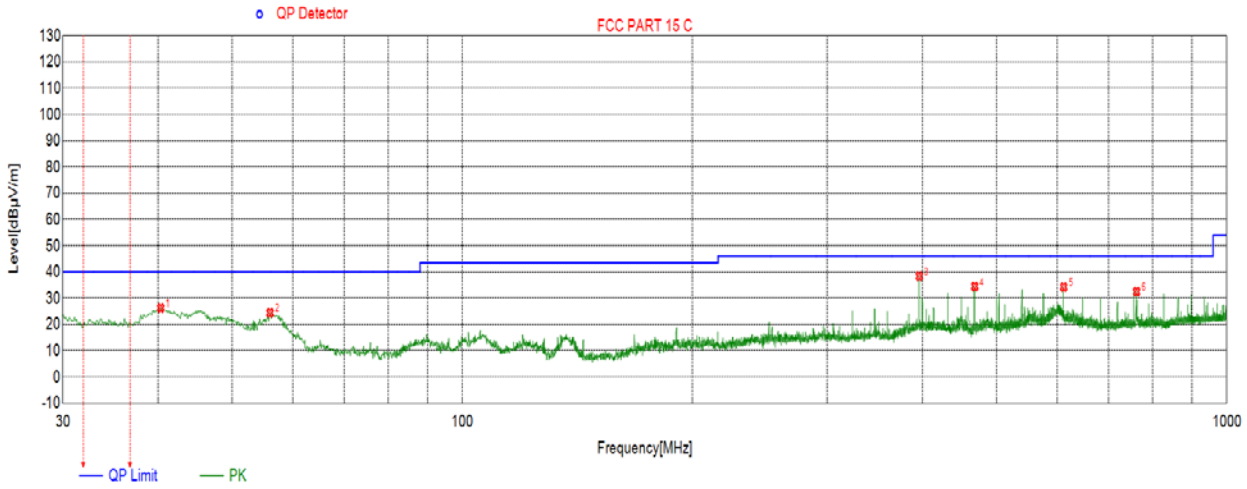
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.9280	22.40	-27.62	43.50	-21.10	QP
2	251.9582	30.09	-24.43	46.00	-15.91	QP
3	324.0364	32.77	-22.47	46.00	-13.23	QP
4	396.0176	40.09	-20.56	46.00	-5.91	QP
5	467.9988	38.03	-19.09	46.00	-7.97	QP
6	756.0206	38.07	-14.01	46.00	-7.93	QP
7	828.0018	37.69	-14.16	46.00	-8.31	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

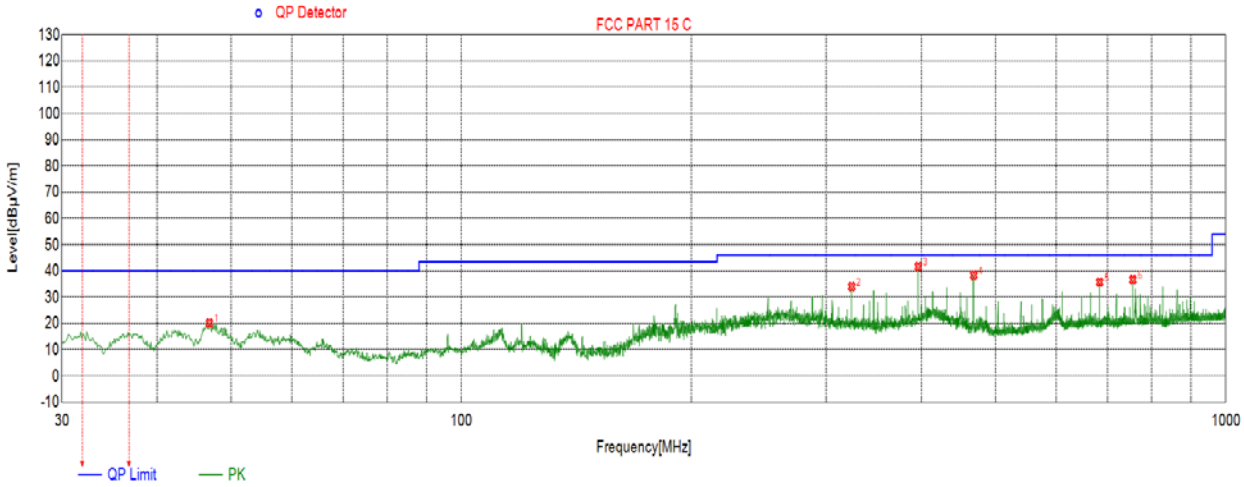
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.2830	26.28	-25.35	40.00	-13.72	QP
2	55.9986	24.42	-24.93	40.00	-15.58	QP
3	396.0176	38.42	-20.56	46.00	-7.58	QP
4	467.9988	34.47	-19.09	46.00	-11.53	QP
5	611.9612	34.27	-15.88	46.00	-11.73	QP
6	762.2292	32.52	-13.96	46.00	-13.48	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

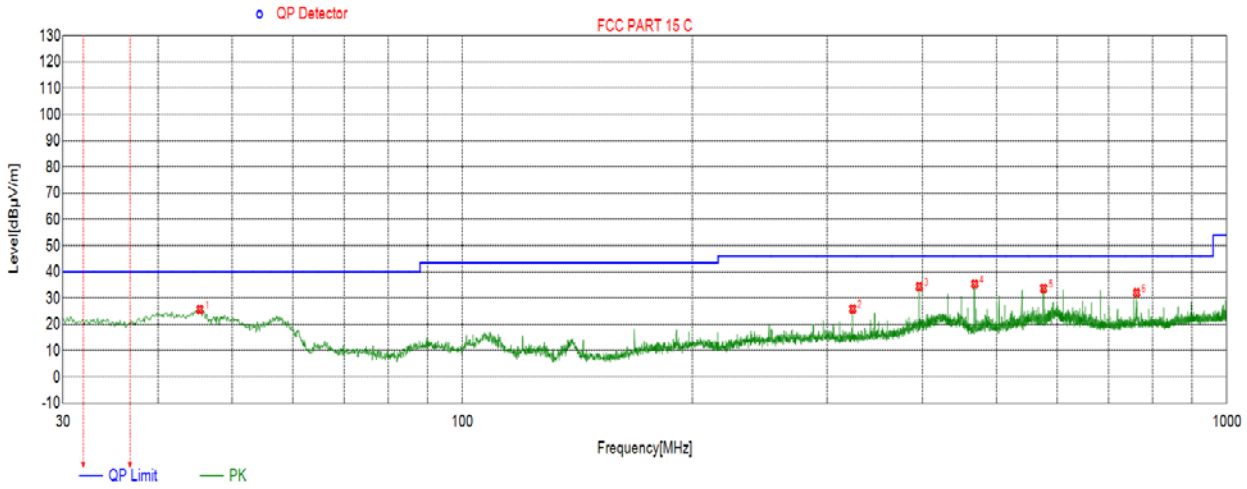
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	46.7827	20.11	-24.39	40.00	-19.89	QP
2	324.0364	34.07	-22.47	46.00	-11.93	QP
3	396.0176	41.67	-20.56	46.00	-4.33	QP
4	467.9988	38.40	-19.09	46.00	-7.60	QP
5	684.0394	35.77	-15.03	46.00	-10.23	QP
6	756.0206	36.63	-14.01	46.00	-9.37	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

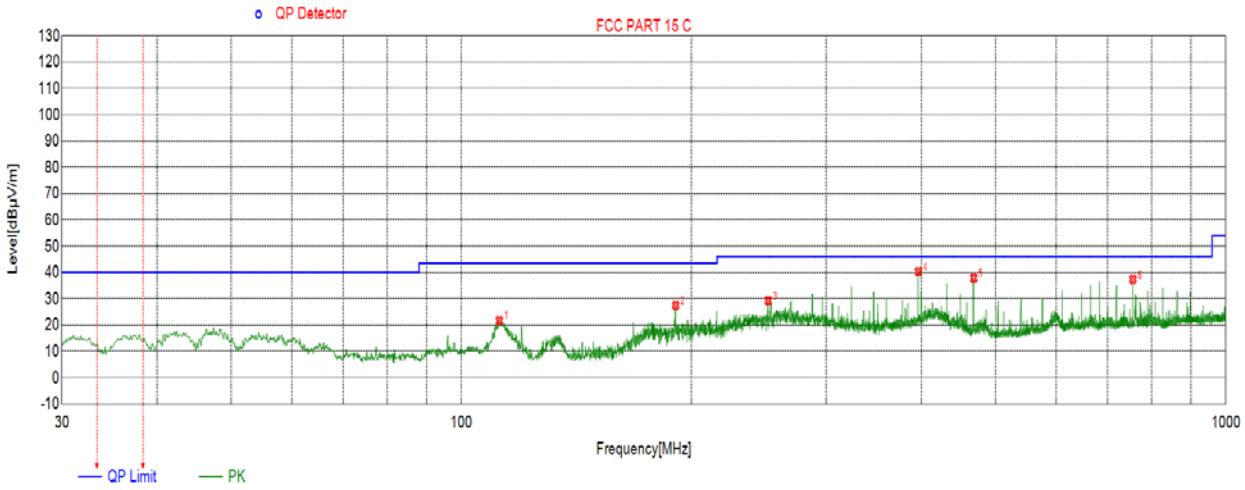
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	45.3275	25.68	-24.47	40.00	-14.32	QP
2	324.0364	25.90	-22.47	46.00	-20.10	QP
3	396.0176	34.41	-20.56	46.00	-11.59	QP
4	467.9988	35.40	-19.09	46.00	-10.60	QP
5	575.9706	33.74	-16.71	46.00	-12.26	QP
6	762.2292	32.06	-13.96	46.00	-13.94	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

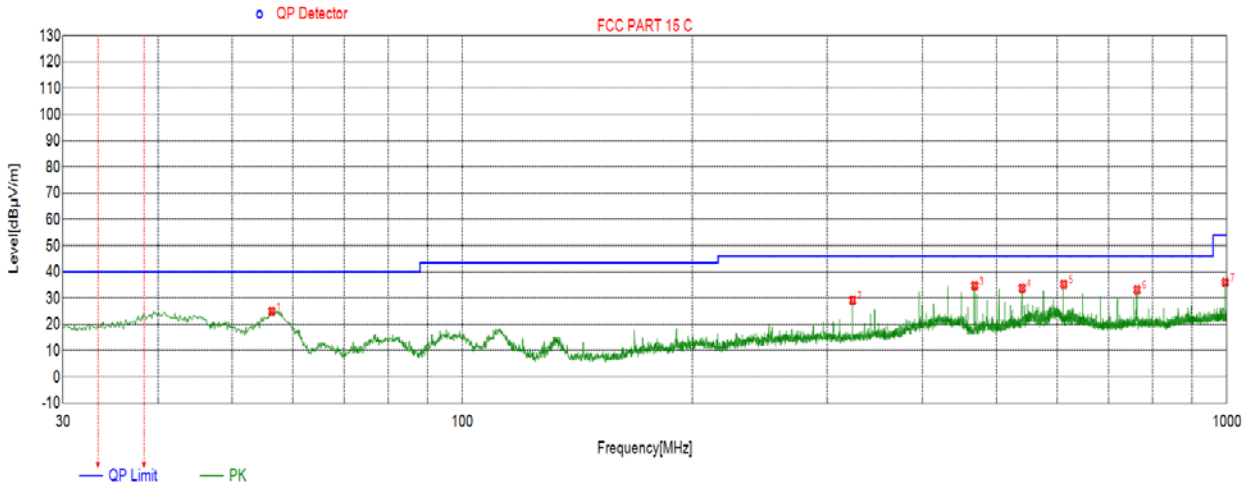
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	112.0702	21.75	-26.32	43.50	-21.75	QP
2	190.6481	27.46	-26.42	43.50	-16.04	QP
3	251.9582	29.30	-24.43	46.00	-16.70	QP
4	396.0176	40.41	-20.56	46.00	-5.59	QP
5	467.9988	37.86	-19.09	46.00	-8.14	QP
6	756.0206	37.37	-14.01	46.00	-8.63	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

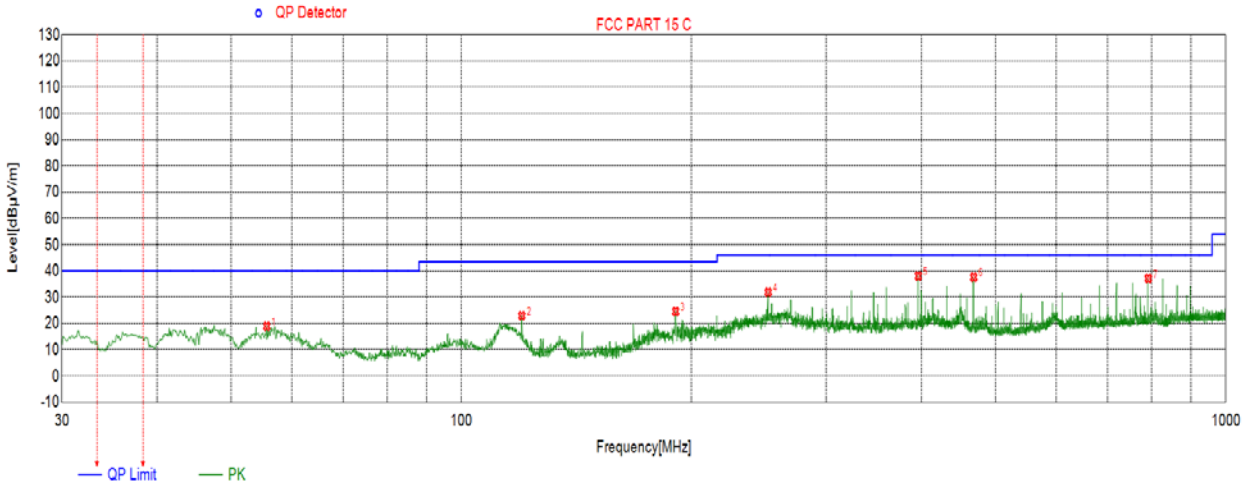
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.2896	24.98	-25.02	40.00	-15.02	QP
2	324.0364	29.22	-22.47	46.00	-16.78	QP
3	467.9988	34.81	-19.09	46.00	-11.19	QP
4	539.9800	33.83	-17.68	46.00	-12.17	QP
5	612.0582	35.29	-15.88	46.00	-10.71	QP
6	763.3933	33.15	-13.96	46.00	-12.85	QP
7	995.6346	36.09	-11.52	54.00	-17.91	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

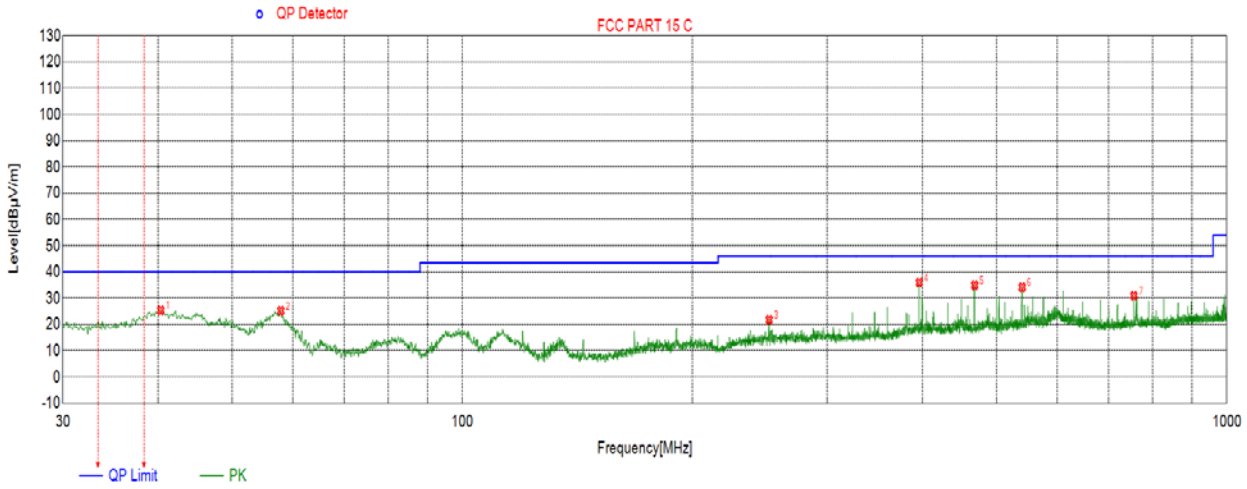
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	55.6106	18.88	-24.81	40.00	-21.12	QP
2	119.9280	22.95	-27.62	43.50	-20.55	QP
3	190.6481	24.55	-26.42	43.50	-18.95	QP
4	251.9582	31.91	-24.43	46.00	-14.09	QP
5	396.0176	38.10	-20.56	46.00	-7.90	QP
6	467.9988	37.62	-19.09	46.00	-8.38	QP
7	792.0112	37.17	-13.70	46.00	-8.83	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

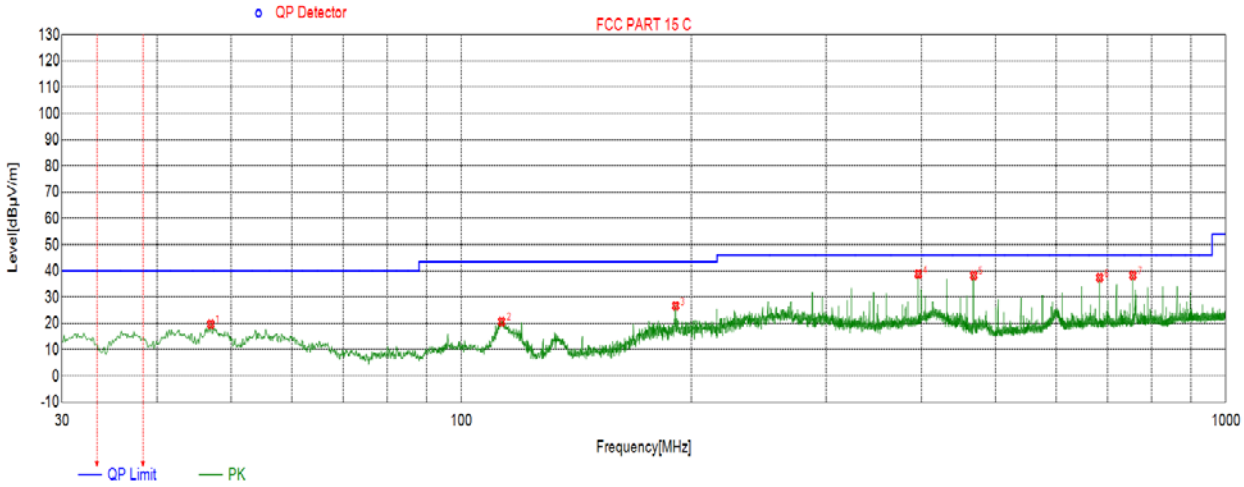
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.2830	25.37	-25.35	40.00	-14.63	QP
2	57.8418	25.22	-25.55	40.00	-14.78	QP
3	251.9582	21.81	-24.43	46.00	-24.19	QP
4	396.0176	36.03	-20.56	46.00	-9.97	QP
5	467.9988	34.96	-19.09	46.00	-11.04	QP
6	539.9800	34.19	-17.68	46.00	-11.81	QP
7	756.0206	30.93	-14.01	46.00	-15.07	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

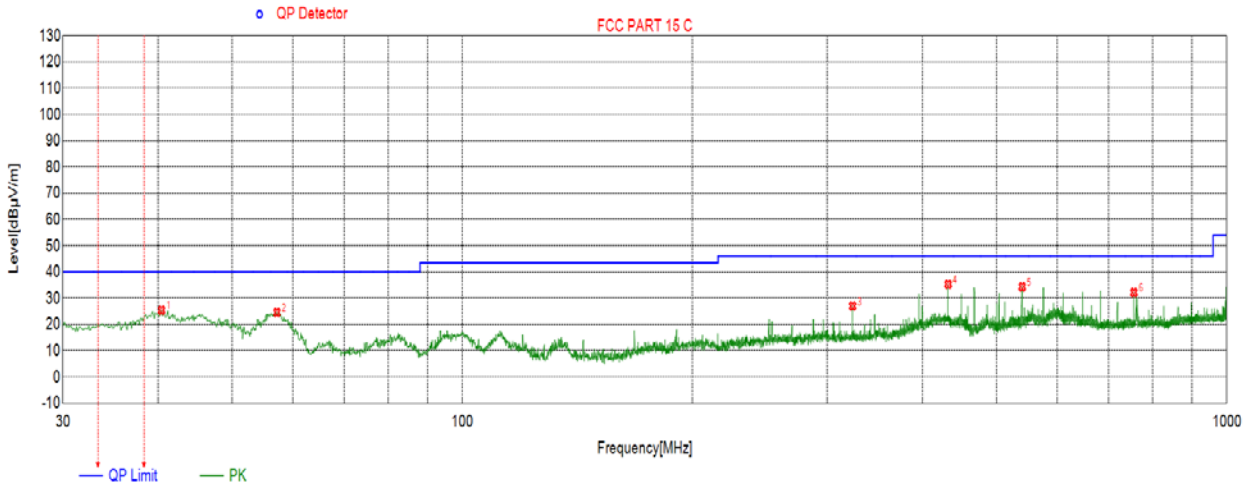
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	46.9767	19.70	-24.38	40.00	-20.30	QP
2	112.8463	20.68	-26.44	43.50	-22.82	QP
3	190.6481	26.69	-26.42	43.50	-16.81	QP
4	396.0176	38.84	-20.56	46.00	-7.16	QP
5	467.9988	38.34	-19.09	46.00	-7.66	QP
6	684.0394	37.46	-15.03	46.00	-8.54	QP
7	756.0206	38.38	-14.01	46.00	-7.62	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.3800	25.42	-25.31	40.00	-14.58	QP
2	57.1627	24.57	-25.32	40.00	-15.43	QP
3	323.9394	27.03	-22.47	46.00	-18.97	QP
4	432.0082	35.31	-19.66	46.00	-10.69	QP
5	539.9800	34.34	-17.68	46.00	-11.66	QP
6	756.0206	32.17	-14.01	46.00	-13.83	QP

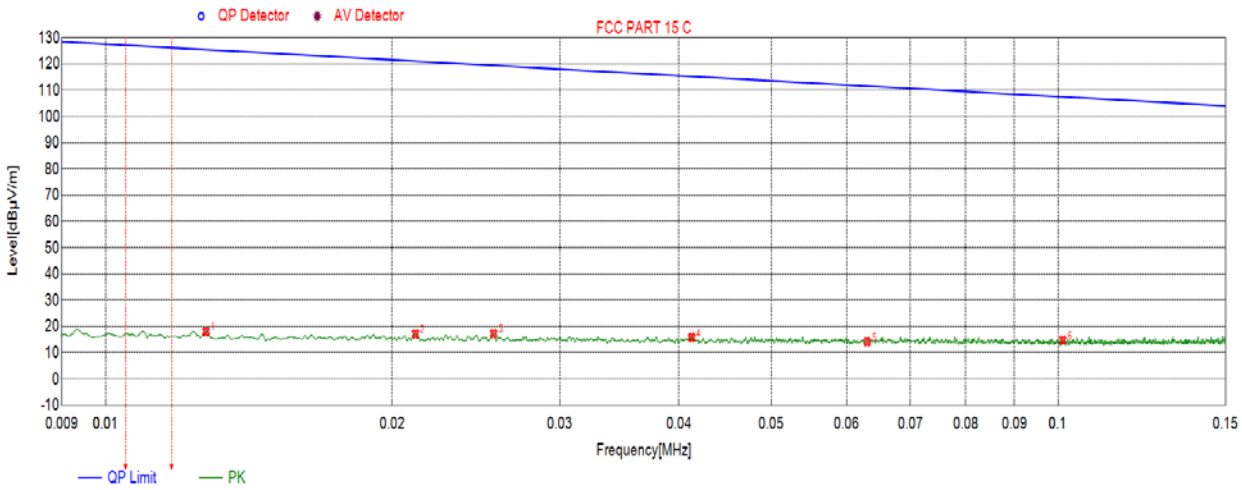
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto
3. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

6.6.6. SPURIOUS EMISSIONS BELOW 30M

SPURIOUS EMISSIONS Below 30MHz (WORST-CASE CONFIGURATION)

Adapter1: NBS05B050100VUU with Consumer Camera

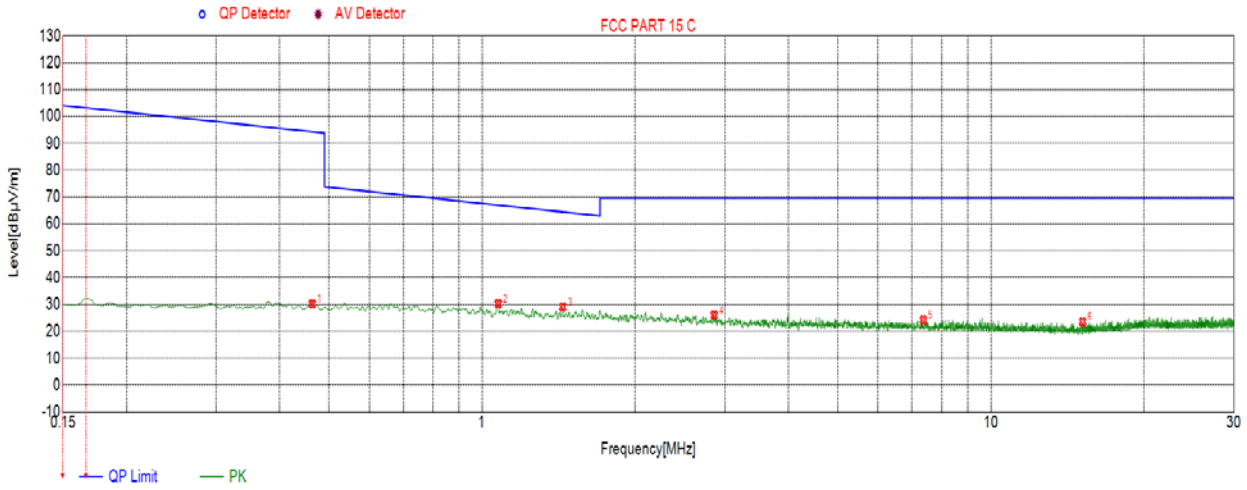
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0128	18.07	19.58	125.47	-107.40	Peak
2	0.0212	17.18	19.80	121.08	-103.90	Peak
3	0.0256	17.33	19.78	119.44	-102.11	Peak
4	0.0413	15.77	19.73	115.28	-99.51	Peak
5	0.0631	14.19	19.75	111.59	-97.40	Peak
6	0.1012	14.80	19.31	107.49	-92.69	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

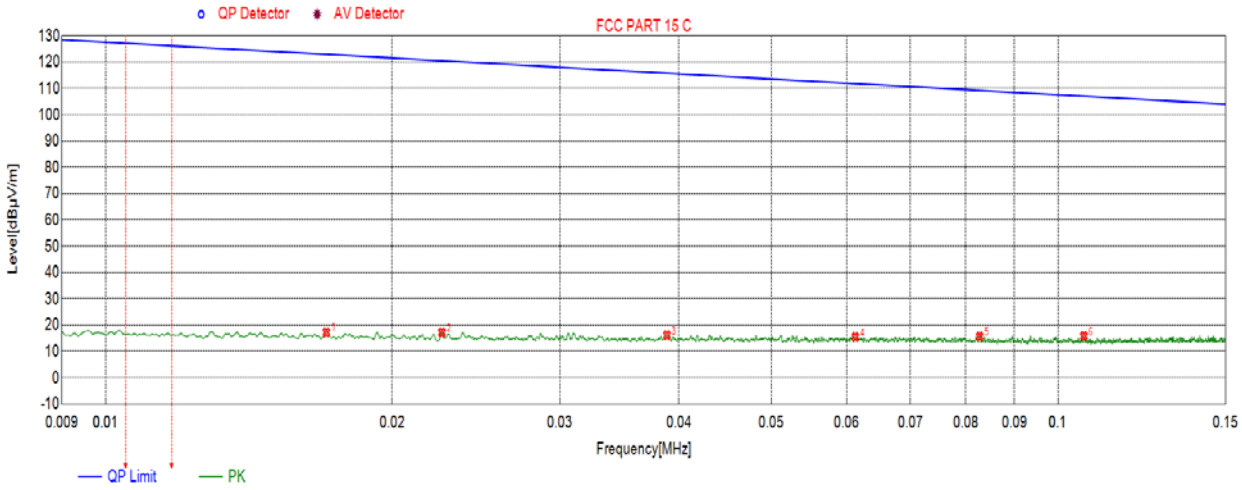
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.4635	30.22	19.68	94.28	-64.06	Peak
2	1.0754	30.31	20.03	66.99	-36.68	Peak
3	1.4396	29.05	20.02	64.47	-35.42	Peak
4	2.8577	26.05	20.13	69.50	-43.45	Peak
5	7.3655	24.25	20.27	69.50	-45.25	Peak
6	15.1422	23.49	20.40	69.50	-46.01	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

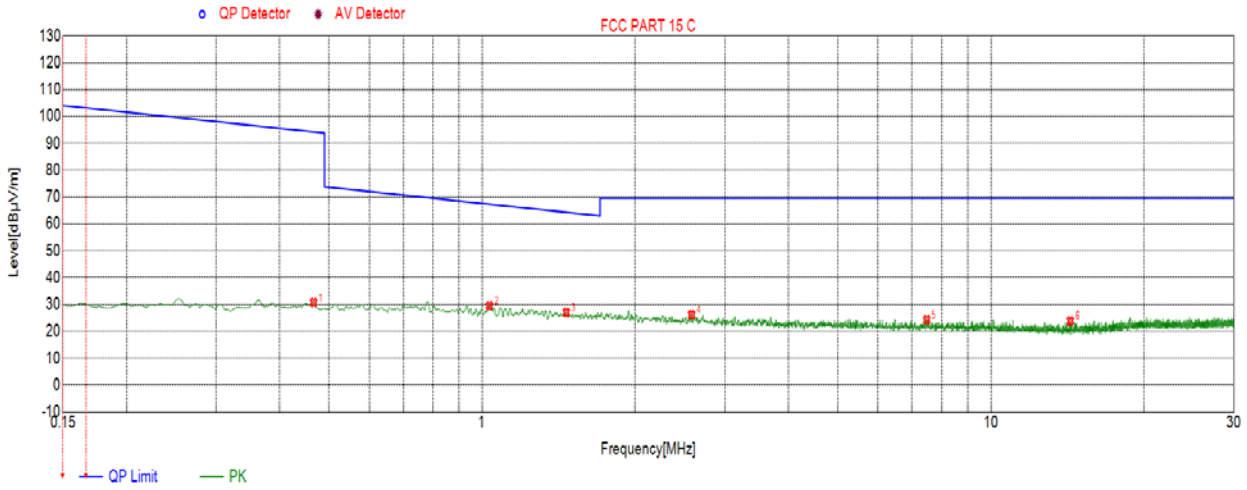
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0171	17.28	19.71	122.92	-105.64	Peak
2	0.0226	17.19	19.79	120.52	-103.33	Peak
3	0.0389	16.21	19.74	115.79	-99.58	Peak
4	0.0613	15.51	19.75	111.85	-96.34	Peak
5	0.0828	15.68	19.64	109.23	-93.55	Peak
6	0.1065	15.86	19.37	107.05	-91.19	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

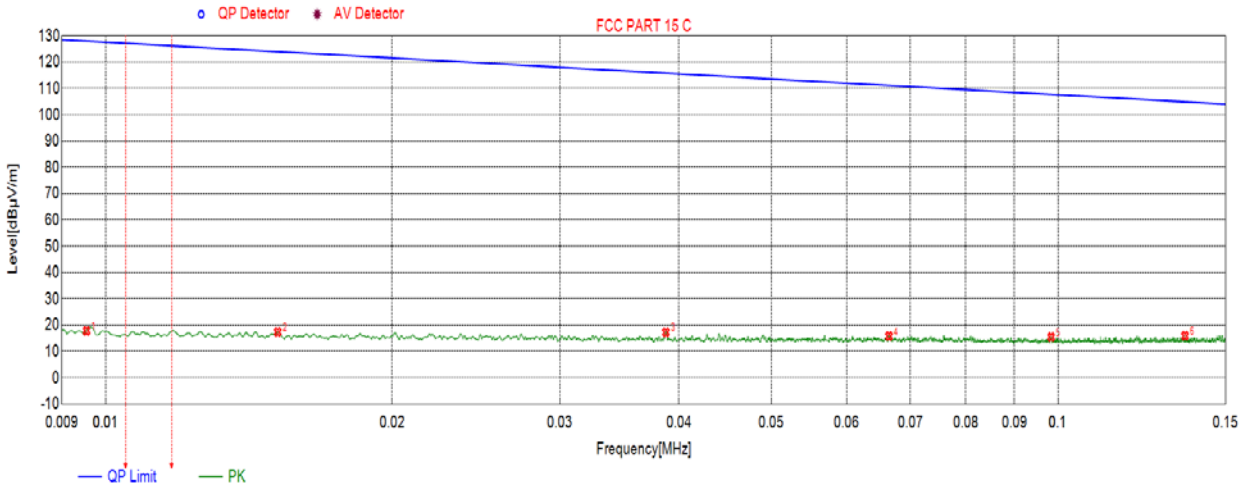
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.4664	30.74	19.68	94.23	-63.49	Peak
2	1.0336	29.49	20.04	67.33	-37.84	Peak
3	1.4635	27.02	20.01	64.32	-37.30	Peak
4	2.5800	26.17	20.09	69.50	-43.33	Peak
5	7.4789	24.29	20.27	69.50	-45.21	Peak
6	14.3212	23.83	20.34	69.50	-45.67	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

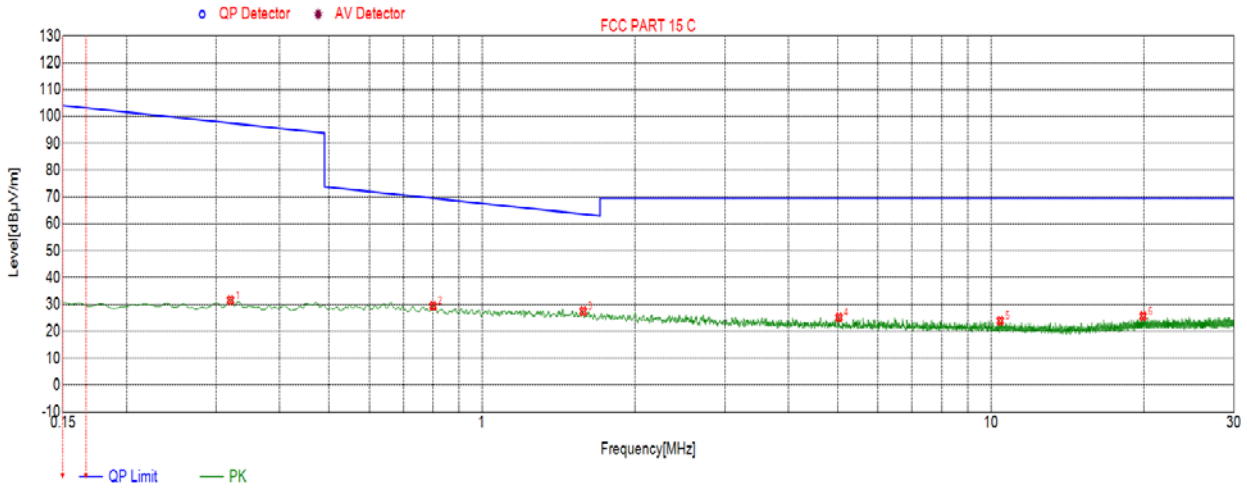
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0096	17.82	19.36	127.90	-110.08	Peak
2	0.0152	17.40	19.66	123.96	-106.56	Peak
3	0.0388	17.28	19.74	115.82	-98.54	Peak
4	0.0665	15.84	19.77	111.14	-95.30	Peak
5	0.0984	15.47	19.33	107.74	-92.27	Peak
6	0.1360	15.97	19.67	104.93	-88.96	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~30MHz	PASS

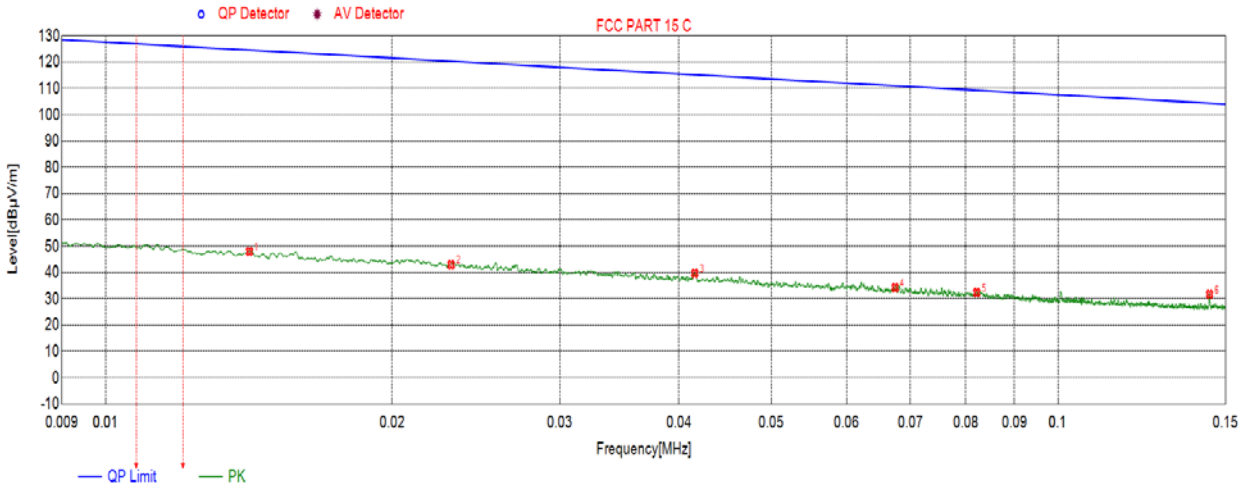


No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.3202	31.62	19.65	97.49	-65.87	Peak
2	0.8008	29.45	20.03	69.55	-40.10	Peak
3	1.5800	27.50	20.01	63.66	-36.16	Peak
4	5.0280	25.20	20.30	69.50	-44.30	Peak
5	10.4314	23.94	20.25	69.50	-45.56	Peak
6	19.9067	25.57	22.27	69.50	-43.93	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

Adapter2: ED1-050100UA with Consumer Camera

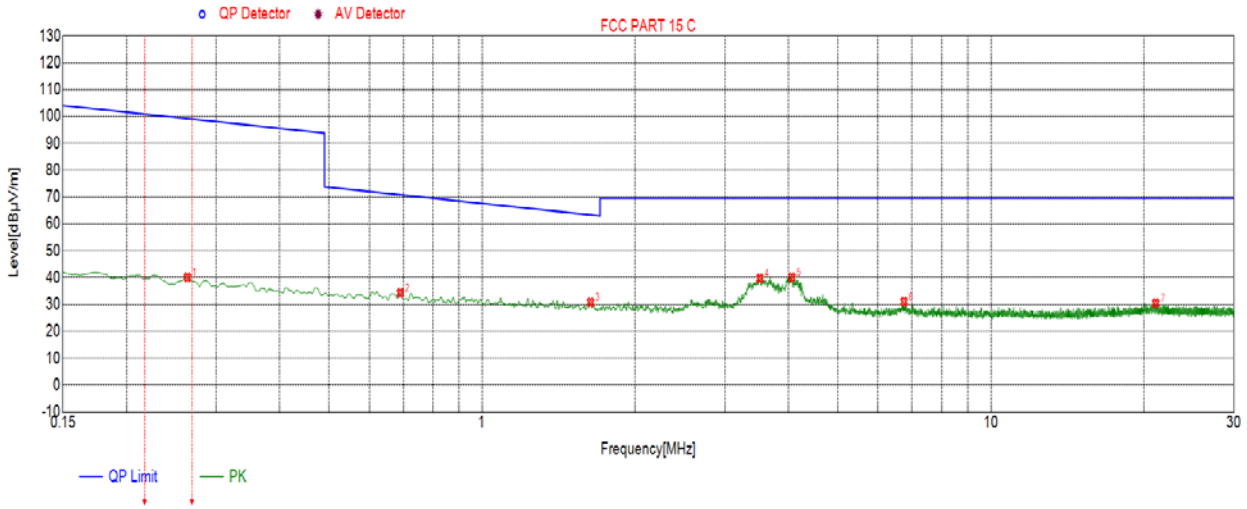
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0142	47.98	19.63	124.52	-76.54	Peak
2	0.0231	43.00	19.79	120.31	-77.31	Peak
3	0.0416	39.72	19.73	115.21	-75.49	Peak
4	0.0675	34.27	19.77	111.00	-76.73	Peak
5	0.0822	32.35	19.66	109.29	-76.94	Peak
6	0.1443	31.75	19.76	104.41	-72.66	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

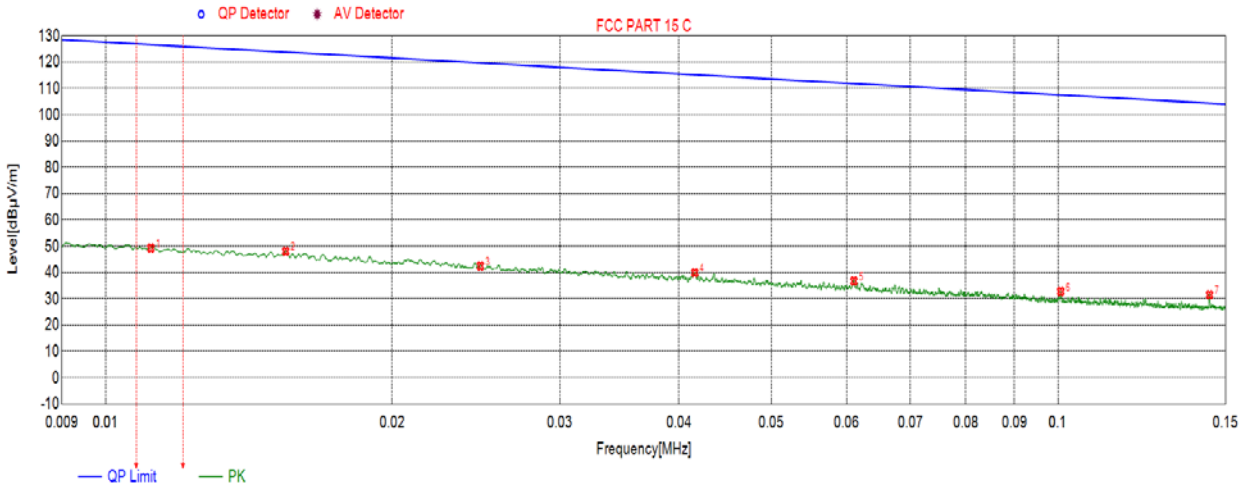
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.2634	40.13	19.64	99.19	-59.06	Peak
2	0.6903	34.24	19.94	70.83	-36.59	Peak
3	1.6337	30.80	20.01	63.37	-32.57	Peak
4	3.5144	39.70	20.16	69.50	-29.80	Peak
5	4.0607	40.12	20.18	69.50	-29.38	Peak
6	6.7475	31.01	20.28	69.50	-38.49	Peak
7	21.0769	30.47	22.21	69.50	-39.03	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

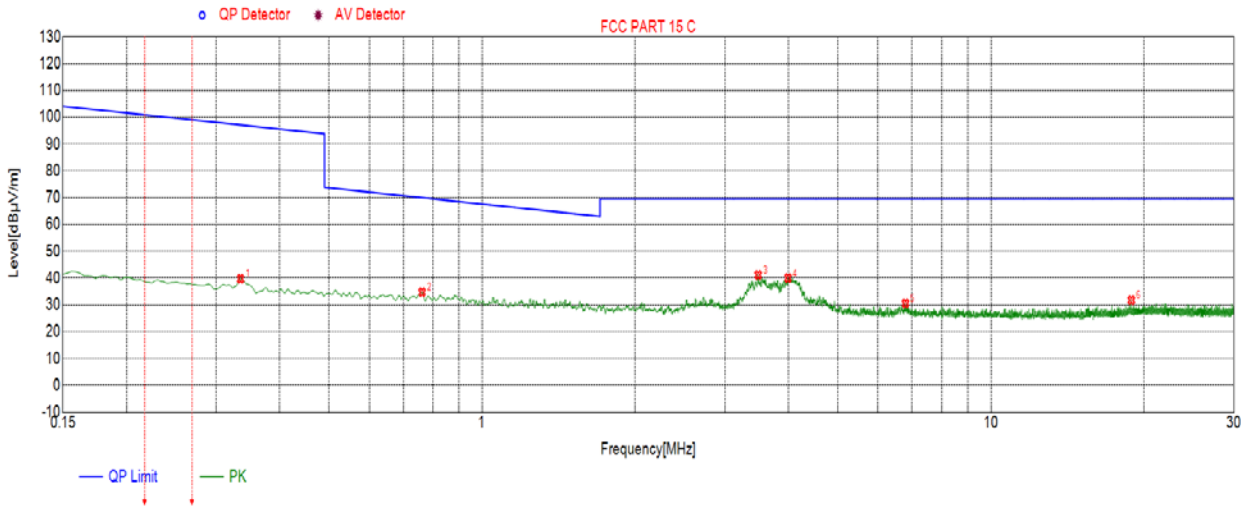
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0112	49.26	19.54	126.59	-77.33	Peak
2	0.0155	48.05	19.66	123.79	-75.74	Peak
3	0.0248	42.47	19.78	119.70	-77.23	Peak
4	0.0416	39.95	19.73	115.22	-75.27	Peak
5	0.0611	36.78	19.74	111.87	-75.09	Peak
6	0.1007	32.78	19.31	107.54	-74.76	Peak
7	0.1443	31.54	19.76	104.41	-72.87	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

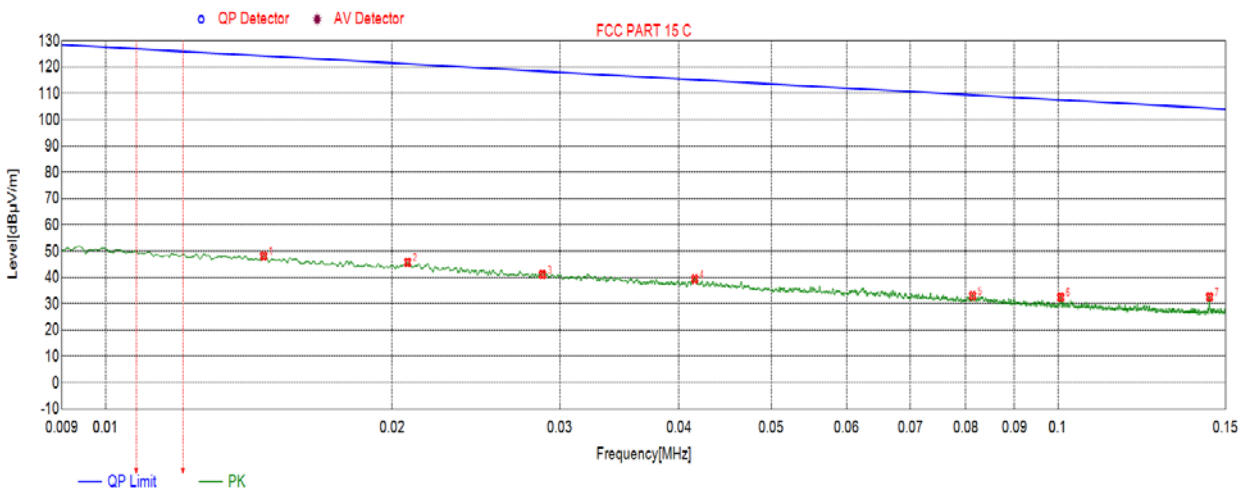
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.3351	39.74	19.66	97.10	-57.36	Peak
2	0.7620	34.75	20.03	69.98	-35.23	Peak
3	3.4876	41.20	20.16	69.50	-28.30	Peak
4	3.9921	40.01	20.18	69.50	-29.49	Peak
5	6.7923	30.54	20.28	69.50	-38.96	Peak
6	18.8798	31.77	21.87	69.50	-37.73	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

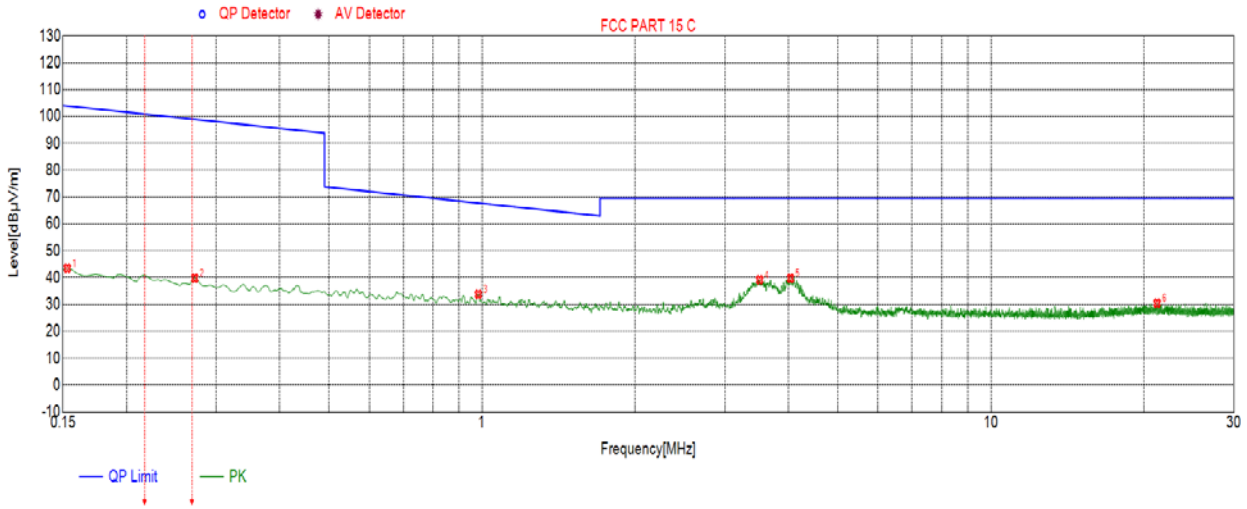
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



No.	Frequency (KHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0147	48.17	19.64	124.24	-76.07	Peak
2	0.0208	45.75	19.80	121.24	-75.49	Peak
3	0.0288	41.14	19.77	118.39	-77.25	Peak
4	0.0416	39.47	19.73	115.21	-75.74	Peak
5	0.0814	33.04	19.67	109.38	-76.34	Peak
6	0.1007	32.48	19.31	107.54	-75.06	Peak
7	0.1443	32.61	19.76	104.41	-71.80	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1530	43.49	19.81	103.91	-60.42	Peak
2	0.2724	39.82	19.64	98.90	-59.08	Peak
3	0.9829	33.81	20.04	67.77	-33.96	Peak
4	3.5114	39.17	20.16	69.50	-30.33	Peak
5	4.0369	39.76	20.18	69.50	-29.74	Peak
6	21.2113	30.47	22.20	69.50	-39.03	Peak

Note:
1.If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Per-testing all test modes, find only the 11B mode which is the worst case, so only the test data of the 11B mode is shown in this test report.

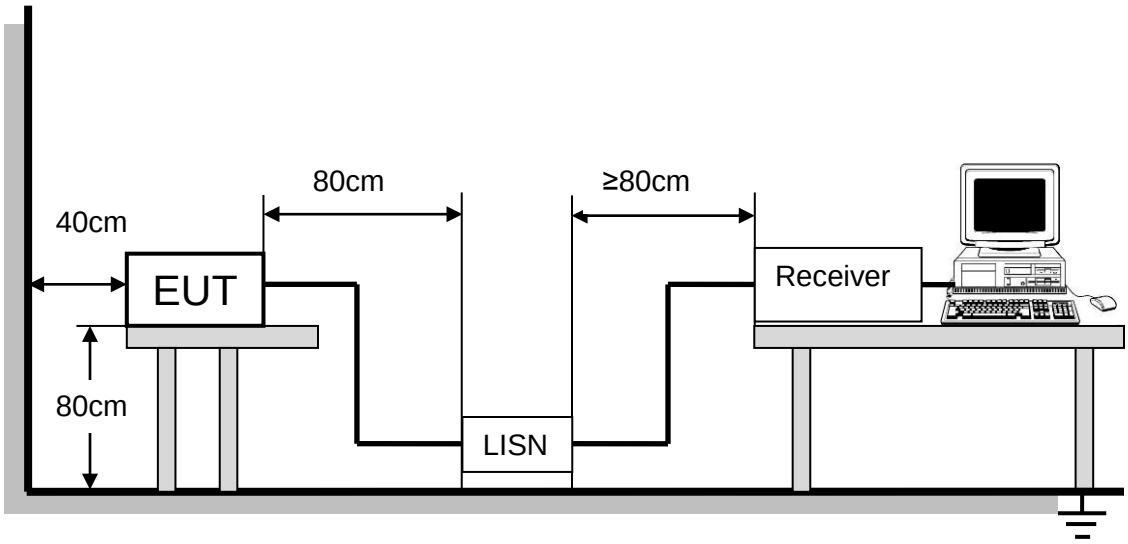
7. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

TEST SETUP AND PROCEDURE

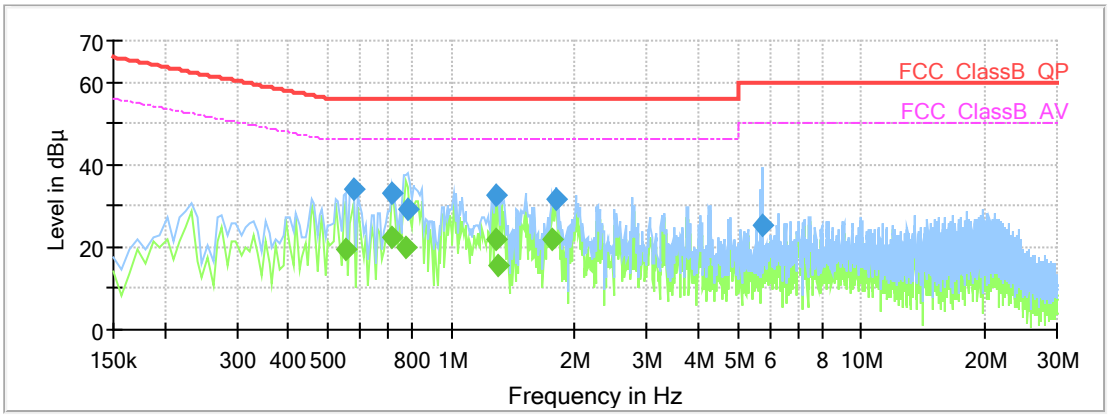


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULTS (WORST-CASE CONFIGURATION)

Adapter1: NBS05B050100VUU with Consumer Camera



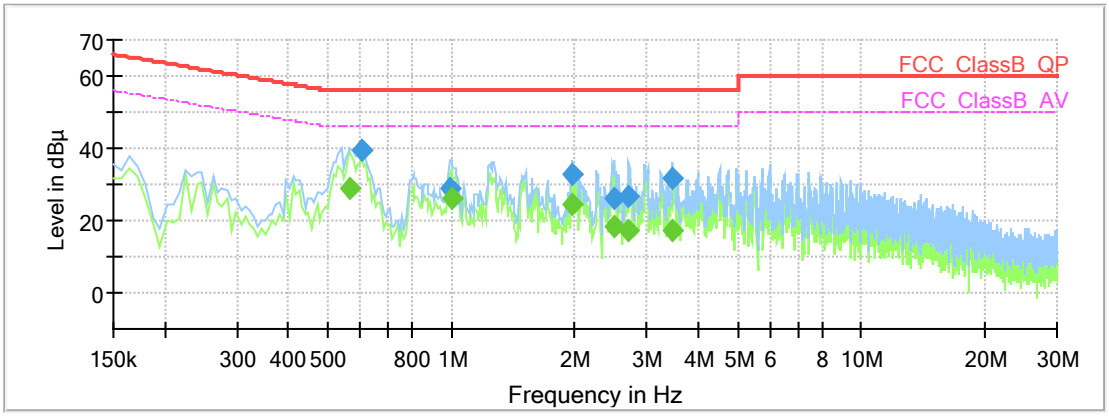
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.552975	---	19.26	46.00	26.74	1000.0	9.000	N	OFF	9.9
0.575363	34.00	---	56.00	22.00	1000.0	9.000	L1	OFF	9.7
0.717150	---	22.57	46.00	23.43	1000.0	9.000	L1	OFF	9.7
0.717150	32.95	---	56.00	23.05	1000.0	9.000	L1	OFF	9.7
0.776850	---	20.12	46.00	25.88	1000.0	9.000	N	OFF	9.9
0.784313	29.19	---	56.00	26.81	1000.0	9.000	N	OFF	9.9
1.284300	---	21.79	46.00	24.21	1000.0	9.000	L1	OFF	9.7
1.284300	32.37	---	56.00	23.63	1000.0	9.000	L1	OFF	9.7
1.306688	---	15.62	46.00	30.38	1000.0	9.000	N	OFF	9.9
1.761900	---	21.72	46.00	24.28	1000.0	9.000	L1	OFF	9.8
1.806675	31.57	---	56.00	24.43	1000.0	9.000	L1	OFF	9.8
5.739413	25.14	---	60.00	34.86	1000.0	9.000	N	OFF	10.0

(continuation of the "Final_Result" table from column 15 ...)

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.

Adapter2: ED1-050100UA with Consumer Camera



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.567900	---	28.81	46.00	17.19	1000.0	9.000	N	OFF	9.9
0.605213	39.22	---	56.00	16.78	1000.0	9.000	N	OFF	9.9
0.993263	28.75	---	56.00	27.25	1000.0	9.000	N	OFF	9.9
1.000725	---	26.27	46.00	19.73	1000.0	9.000	L1	OFF	9.7
1.963388	32.88	---	56.00	23.12	1000.0	9.000	L1	OFF	9.8
1.970850	---	24.38	46.00	21.62	1000.0	9.000	L1	OFF	9.8
2.493225	26.27	---	56.00	29.73	1000.0	9.000	N	OFF	9.8
2.493225	---	18.14	46.00	27.86	1000.0	9.000	N	OFF	9.8
2.709638	---	17.03	46.00	28.97	1000.0	9.000	N	OFF	9.9
2.709638	26.59	---	56.00	29.41	1000.0	9.000	N	OFF	9.9
3.463350	31.93	---	56.00	24.07	1000.0	9.000	L1	OFF	9.8
3.470813	---	16.97	46.00	29.03	1000.0	9.000	N	OFF	9.9

(continuation of the "Final_Result" table from column 15 ...)

8. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203
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.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA CONNECTOR

EUT has a Internal antenna without antenna connector.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT