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11N40MIMO_Ant1_5795



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant1_5785

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11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795

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11AC80MIMO_Ant1_5775



2. Maximum output power

2.1 Test Data

U-NII-1:

TestMode	Antenna	Channel	Conducted Power Result [dBm]	FCC Limit Conducted Power [dBm]	EIRP [dBm]	ISED Limit EIRP [dBm]	Verdict
11A	Ant1	5180	12.54	≤23.98	16.24	≤22.50	PASS
	Ant2	5180	15.19	≤23.98	18.89	≤22.50	PASS
	Ant1	5200	11.73	≤23.98	15.43	≤22.50	PASS
	Ant2	5200	14.06	≤23.98	17.76	≤22.50	PASS
	Ant1	5240	12.00	≤23.98	15.70	≤22.50	PASS
	Ant2	5240	14.99	≤23.98	18.69	≤22.50	PASS
11N20MIMO	Ant1	5180	13.63	≤23.98	17.33	≤22.50	PASS
	Ant2	5180	13.90	≤23.98	17.60	≤22.50	PASS
	total	5180	16.78	≤23.63	20.48	≤22.50	PASS
	Ant1	5200	13.62	≤23.98	17.32	≤22.50	PASS
	Ant2	5200	14.11	≤23.98	17.81	≤22.50	PASS
	total	5200	16.88	≤23.63	20.58	≤22.50	PASS
	Ant1	5240	13.75	≤23.98	17.45	≤22.50	PASS
	Ant2	5240	13.83	≤23.98	17.53	≤22.50	PASS
11N40MIMO	total	5240	16.80	≤23.63	20.50	≤22.50	PASS
	Ant1	5190	13.94	≤23.98	17.64	≤22.50	PASS
	Ant2	5190	14.37	≤23.98	18.07	≤22.50	PASS
	total	5190	17.17	≤23.63	20.87	≤22.50	PASS
	Ant1	5230	13.96	≤23.98	17.66	≤22.50	PASS
	Ant2	5230	14.35	≤23.98	18.05	≤22.50	PASS
11AC20MIMO	total	5230	17.17	≤23.63	20.87	≤22.50	PASS
	Ant1	5180	13.64	≤23.98	17.34	≤22.50	PASS
	Ant2	5180	14.00	≤23.98	17.70	≤22.50	PASS
	total	5180	16.83	≤23.63	20.53	≤22.50	FAIL
	Ant1	5200	13.63	≤23.98	17.33	≤22.50	PASS
	Ant2	5200	14.08	≤23.98	17.78	≤22.50	PASS
	total	5200	16.87	≤23.63	20.57	≤22.50	PASS
	Ant1	5240	13.72	≤23.98	17.42	≤22.50	PASS
11AC40MIMO	Ant2	5240	13.88	≤23.98	17.58	≤22.50	PASS
	total	5240	16.81	≤23.63	20.51	≤22.50	PASS
	Ant1	5190	13.94	≤23.98	17.64	≤22.50	PASS
	Ant2	5190	14.36	≤23.98	18.06	≤22.50	PASS
	total	5190	17.17	≤23.63	20.87	≤22.50	PASS
	Ant1	5230	14.13	≤23.98	17.83	≤22.50	PASS
11AC80MIMO	Ant2	5230	14.38	≤23.98	18.08	≤22.50	PASS
	total	5230	17.27	≤23.63	20.97	≤22.50	PASS
	Ant1	5210	12.14	≤23.98	15.84	≤22.50	PASS
	Ant2	5210	12.42	≤23.98	16.12	≤22.50	PASS
	total	5210	15.29	≤23.63	18.99	≤22.50	PASS

Note:

As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.35dBi*, thus 0.35dB reduction needed on the conducted PSD and/or Power limit.

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U-NII-2A, U-NII-2C, U-NII-3:

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5260	12.49	≤23.98	PASS
	Ant2	5260	13.74	≤23.98	PASS
	Ant1	5280	12.73	≤23.98	PASS
	Ant2	5280	13.82	≤23.98	PASS
	Ant1	5320	14.38	≤23.98	PASS
	Ant2	5320	14.65	≤23.98	PASS
	Ant1	5500	14.31	≤23.98	PASS
	Ant2	5500	14.02	≤23.98	PASS
	Ant1	5580	14.28	≤23.98	PASS
	Ant2	5580	13.28	≤23.98	PASS
	Ant1	5700	14.32	≤23.98	PASS
	Ant2	5700	13.04	≤23.98	PASS
	Ant1	5745	14.25	≤30.00	PASS
	Ant2	5745	13.26	≤30.00	PASS
	Ant1	5785	13.74	≤30.00	PASS
	Ant2	5785	13.45	≤30.00	PASS
	Ant1	5825	13.43	≤30.00	PASS
	Ant2	5825	13.89	≤30.00	PASS
11N20MIMO	Ant1	5260	12.18	≤23.98	PASS
	Ant2	5260	13.71	≤23.98	PASS
	total	5260	16.02	≤23.63	PASS
	Ant1	5280	13.52	≤23.98	PASS
	Ant2	5280	14.68	≤23.98	PASS
	total	5280	17.15	≤23.63	PASS
	Ant1	5320	14.21	≤23.98	PASS
	Ant2	5320	14.57	≤23.98	PASS
	total	5320	17.40	≤23.63	PASS
	Ant1	5500	14.23	≤23.98	PASS
	Ant2	5500	13.93	≤23.98	PASS
	total	5500	17.09	≤23.28	PASS
	Ant1	5580	14.22	≤23.98	PASS
	Ant2	5580	13.34	≤23.98	PASS
	total	5580	16.81	≤23.28	PASS
	Ant1	5700	14.20	≤23.98	PASS
	Ant2	5700	13.17	≤23.98	PASS
	total	5700	16.73	≤23.28	PASS
	Ant1	5745	14.05	≤30.00	PASS
	Ant2	5745	13.31	≤30.00	PASS
	total	5745	16.71	≤30.00	PASS
	Ant1	5785	13.50	≤30.00	PASS
	Ant2	5785	13.43	≤30.00	PASS
	total	5785	16.48	≤30.00	PASS
	Ant1	5825	13.07	≤30.00	PASS
	Ant2	5825	13.78	≤30.00	PASS
	total	5825	16.45	≤30.00	PASS
11N40MIMO	Ant1	5270	12.80	≤23.98	PASS
	Ant2	5270	14.30	≤23.98	PASS
	total	5270	16.62	≤23.63	PASS
	Ant1	5310	13.28	≤23.98	PASS
	Ant2	5310	14.06	≤23.98	PASS
	total	5310	16.70	≤23.63	PASS
	Ant1	5510	13.41	≤23.98	PASS
	Ant2	5510	13.20	≤23.98	PASS
	total	5510	16.32	≤23.28	PASS
	Ant1	5550	13.53	≤23.98	PASS
	Ant2	5550	12.69	≤23.98	PASS
	total	5550	16.14	≤23.28	PASS

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	Ant1	5670	13.72	≤23.98	PASS
	Ant2	5670	12.36	≤23.98	PASS
	total	5670	16.10	≤23.28	PASS
	Ant1	5755	13.38	≤30.00	PASS
	Ant2	5755	12.61	≤30.00	PASS
	total	5755	16.02	≤30.00	PASS
	Ant1	5795	12.99	≤30.00	PASS
	Ant2	5795	12.76	≤30.00	PASS
	total	5795	15.89	≤30.00	PASS
11AC20MIMO	Ant1	5260	12.32	≤23.98	PASS
	Ant2	5260	13.74	≤23.98	PASS
	total	5260	16.10	≤23.63	PASS
	Ant1	5280	13.64	≤23.98	PASS
	Ant2	5280	14.37	≤23.98	PASS
	total	5280	17.03	≤23.63	PASS
	Ant1	5320	14.12	≤23.98	PASS
	Ant2	5320	14.15	≤23.98	PASS
	total	5320	17.15	≤23.63	PASS
	Ant1	5500	14.21	≤23.98	PASS
	Ant2	5500	13.70	≤23.98	PASS
	total	5500	16.97	≤23.28	PASS
	Ant1	5580	14.14	≤23.98	PASS
	Ant2	5580	13.13	≤23.98	PASS
	total	5580	16.67	≤23.28	PASS
	Ant1	5700	14.38	≤23.98	PASS
	Ant2	5700	12.98	≤23.98	PASS
	total	5700	16.75	≤23.28	PASS
	Ant1	5745	14.09	≤30.00	PASS
	Ant2	5745	13.15	≤30.00	PASS
	total	5745	16.66	≤30.00	PASS
	Ant1	5785	13.61	≤30.00	PASS
	Ant2	5785	13.30	≤30.00	PASS
	total	5785	16.47	≤30.00	PASS
	Ant1	5825	13.31	≤30.00	PASS
	Ant2	5825	13.63	≤30.00	PASS
	total	5825	16.48	≤30.00	PASS
11AC40MIMO	Ant1	5270	11.74	≤23.98	PASS
	Ant2	5270	13.18	≤23.98	PASS
	total	5270	15.53	≤23.63	PASS
	Ant1	5310	13.33	≤23.98	PASS
	Ant2	5310	14.01	≤23.98	PASS
	total	5310	16.69	≤23.63	PASS
	Ant1	5510	13.63	≤23.98	PASS
	Ant2	5510	13.14	≤23.98	PASS
	total	5510	16.40	≤23.28	PASS
	Ant1	5550	13.44	≤23.98	PASS
	Ant2	5550	12.73	≤23.98	PASS
	total	5550	16.11	≤23.28	PASS
	Ant1	5670	13.73	≤23.98	PASS
	Ant2	5670	12.27	≤23.98	PASS
	total	5670	16.07	≤23.28	PASS
	Ant1	5755	13.27	≤30.00	PASS
	Ant2	5755	12.55	≤30.00	PASS
	total	5755	15.94	≤30.00	PASS
	Ant1	5795	12.86	≤30.00	PASS
	Ant2	5795	12.80	≤30.00	PASS
	total	5795	15.84	≤30.00	PASS
11AC80MIMO	Ant1	5290	10.90	≤23.98	PASS
	Ant2	5290	11.99	≤23.98	PASS
	total	5290	14.49	≤23.63	PASS
	Ant1	5530	11.35	≤23.98	PASS
	Ant2	5530	10.68	≤23.98	PASS

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	total	5530	14.04	≤23.28	PASS
	Ant1	5610	11.70	≤23.98	PASS
	Ant2	5610	10.68	≤23.98	PASS
	total	5610	14.23	≤23.28	PASS
	Ant1	5775	10.87	≤30.00	PASS
	Ant2	5775	10.45	≤30.00	PASS
	total	5775	13.68	≤30.00	PASS

Note:

1. Band U-NII-2A: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.35dBi*, thus 0.35dB reduction needed on the conducted PSD and/or Power limit.
2. Band U-NII-2C: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.7dBi*, thus 0.7dB reduction needed on the conducted PSD and/or Power limit.
3. Band U-NII-3: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 5.8dBi*, thus No reduction needed on the conducted PSD and/or Power limit.
4. The maximum e.i.r.p. not greater than 500 mW, thus TPC function not required.

3. Power Spectral Density

3.1 Test Datas

Bands U-NII-1

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	1.72	≤11.00	4.69	≤10.00	PASS
	Ant2	5180	4.89	≤11.00	8.59	≤10.00	PASS
	Ant1	5200	0.92	≤11.00	3.89	≤10.00	PASS
	Ant2	5200	3.3	≤11.00	7.00	≤10.00	PASS
	Ant1	5240	1.45	≤11.00	4.42	≤10.00	PASS
	Ant2	5240	4.5	≤11.00	8.20	≤10.00	PASS
11N20MIMO	Ant1	5180	3.31	≤11.00	6.28	≤10.00	PASS
	Ant2	5180	3.88	≤11.00	7.58	≤10.00	PASS
	total	5180	6.61	≤10.65	9.99	≤10.00	PASS
	Ant1	5200	3.12	≤11.00	6.09	≤10.00	PASS
	Ant2	5200	3.66	≤11.00	7.36	≤10.00	PASS
	total	5200	6.41	≤10.65	9.78	≤10.00	PASS
	Ant1	5240	3.05	≤11.00	6.02	≤10.00	PASS
	Ant2	5240	3.69	≤11.00	7.39	≤10.00	PASS
11N40MIMO	total	5240	6.39	≤10.65	9.77	≤10.00	PASS
	Ant1	5190	1.12	≤11.00	4.09	≤10.00	PASS
	Ant2	5190	1.45	≤11.00	5.15	≤10.00	PASS
	total	5190	4.30	≤10.65	7.66	≤10.00	PASS
	Ant1	5230	0.62	≤11.00	3.59	≤10.00	PASS
	Ant2	5230	1.66	≤11.00	5.36	≤10.00	PASS
11AC20MIMO	total	5230	4.18	≤10.65	7.57	≤10.00	PASS
	Ant1	5180	3.3	≤11.00	6.27	≤10.00	PASS
	Ant2	5180	3.59	≤11.00	7.29	≤10.00	PASS
	total	5180	6.46	≤10.65	9.82	≤10.00	FAIL
	Ant1	5200	2.98	≤11.00	5.95	≤10.00	PASS
	Ant2	5200	3.63	≤11.00	7.33	≤10.00	PASS
	total	5200	6.33	≤10.65	9.70	≤10.00	PASS
	Ant1	5240	3.16	≤11.00	6.13	≤10.00	PASS
11AC40MIMO	Ant2	5240	3.39	≤11.00	7.09	≤10.00	PASS
	total	5240	6.29	≤10.65	9.65	≤10.00	PASS
	Ant1	5190	0.56	≤11.00	3.53	≤10.00	PASS
	Ant2	5190	1.13	≤11.00	4.83	≤10.00	PASS
	total	5190	3.86	≤10.65	7.24	≤10.00	PASS
	Ant1	5230	0.85	≤11.00	3.82	≤10.00	PASS
11AC80MIMO	Ant2	5230	1.64	≤11.00	5.34	≤10.00	PASS
	total	5230	4.27	≤10.65	7.66	≤10.00	PASS
	Ant1	5210	-4.41	≤11.00	-1.44	≤10.00	PASS
11AC80MIMO	Ant2	5210	-3.72	≤11.00	-0.02	≤10.00	PASS
	total	5210	-1.04	≤10.65	2.34	≤10.00	PASS

Note:

As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.35dBi*, thus 0.35dB reduction needed on the conducted PSD and/or Power limit.

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Bands U-NII-2A, U-NII-2C, U-NII-3

TestMode	Antenna	Channel	Result U-NII-2A, U-NII-2C [dBm/MHz] U-NII-3 [dBm/500KHz]	Limit U-NII-2A, U-NII-2C [dBm/MHz] U-NII-3 [dBm/500KHz]	Verdict
11A	Ant1	5260	2.03	≤11.00	PASS
	Ant2	5260	3.83	≤11.00	PASS
	Ant1	5280	2.77	≤11.00	PASS
	Ant2	5280	3.83	≤11.00	PASS
	Ant1	5320	4.28	≤11.00	PASS
	Ant2	5320	4.7	≤11.00	PASS
	Ant1	5500	4.28	≤11.00	PASS
	Ant2	5500	4.5	≤11.00	PASS
	Ant1	5580	4.3	≤11.00	PASS
	Ant2	5580	3.82	≤11.00	PASS
	Ant1	5700	5.31	≤11.00	PASS
	Ant2	5700	4.1	≤11.00	PASS
	Ant1	5745	1.88	≤30.00	PASS
	Ant2	5745	1.11	≤30.00	PASS
	Ant1	5785	1.46	≤30.00	PASS
	Ant2	5785	1.2	≤30.00	PASS
11N20MIMO	Ant1	5825	0.28	≤30.00	PASS
	Ant2	5825	1.3	≤30.00	PASS
	Ant1	5260	1.3	≤11.00	PASS
	Ant2	5260	3.12	≤11.00	PASS
	total	5260	5.31	≤10.65	PASS
	Ant1	5280	3.01	≤11.00	PASS
	Ant2	5280	4.22	≤11.00	PASS
	total	5280	6.67	≤10.65	PASS
	Ant1	5320	3.49	≤11.00	PASS
	Ant2	5320	4.27	≤11.00	PASS
	total	5320	6.91	≤10.65	PASS
	Ant1	5500	3.7	≤11.00	PASS
	Ant2	5500	3.78	≤11.00	PASS
	total	5500	6.75	≤10.30	PASS
	Ant1	5580	3.8	≤11.00	PASS
	Ant2	5580	3.03	≤11.00	PASS
	total	5580	6.44	≤10.30	PASS
	Ant1	5700	4.92	≤11.00	PASS
	Ant2	5700	3.63	≤11.00	PASS
	total	5700	7.33	≤10.30	PASS
	Ant1	5745	1.19	≤30.00	PASS
	Ant2	5745	0.79	≤30.00	PASS
	total	5745	4.00	≤30.00	PASS
	Ant1	5785	0.57	≤30.00	PASS
	Ant2	5785	0.93	≤30.00	PASS
	total	5785	3.76	≤30.00	PASS
11N40MIMO	Ant1	5825	-0.31	≤30.00	PASS
	Ant2	5825	0.66	≤30.00	PASS
	total	5825	3.21	≤30.00	PASS
	Ant1	5270	-0.67	≤11.00	PASS
	Ant2	5270	0.7	≤11.00	PASS
	total	5270	3.08	≤10.65	PASS
	Ant1	5310	-0.37	≤11.00	PASS
	Ant2	5310	0.53	≤11.00	PASS
	total	5310	3.11	≤10.65	PASS
	Ant1	5510	0.18	≤11.00	PASS
	Ant2	5510	0.13	≤11.00	PASS
	total	5510	3.17	≤10.30	PASS
	Ant1	5550	0.14	≤11.00	PASS
	Ant2	5550	-0.55	≤11.00	PASS

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	total	5550	2.82	≤10.30	PASS
	Ant1	5670	0.93	≤11.00	PASS
	Ant2	5670	-0.04	≤11.00	PASS
	total	5670	3.48	≤10.30	PASS
	Ant1	5755	-2.3	≤30.00	PASS
	Ant2	5755	-2.41	≤30.00	PASS
	total	5755	0.66	≤30.00	PASS
	Ant1	5795	-3.23	≤30.00	PASS
	Ant2	5795	-2.82	≤30.00	PASS
11AC20MIMO	total	5795	-0.01	≤30.00	PASS
	Ant1	5260	1.64	≤11.00	PASS
	Ant2	5260	3.32	≤11.00	PASS
	total	5260	5.57	≤10.65	PASS
	Ant1	5280	3.1	≤11.00	PASS
	Ant2	5280	4.4	≤11.00	PASS
	total	5280	6.81	≤10.65	PASS
	Ant1	5320	3.8	≤11.00	PASS
	Ant2	5320	4.31	≤11.00	PASS
	total	5320	7.07	≤10.65	PASS
	Ant1	5500	3.94	≤11.00	PASS
	Ant2	5500	3.48	≤11.00	PASS
	total	5500	6.73	≤10.30	PASS
	Ant1	5580	3.82	≤11.00	PASS
	Ant2	5580	2.92	≤11.00	PASS
	total	5580	6.40	≤10.30	PASS
	Ant1	5700	5	≤11.00	PASS
	Ant2	5700	3.55	≤11.00	PASS
	total	5700	7.35	≤10.30	PASS
	Ant1	5745	1.57	≤30.00	PASS
	Ant2	5745	0.75	≤30.00	PASS
	total	5745	4.19	≤30.00	PASS
	Ant1	5785	0.97	≤30.00	PASS
	Ant2	5785	0.73	≤30.00	PASS
	total	5785	3.86	≤30.00	PASS
	Ant1	5825	-0.1	≤30.00	PASS
	Ant2	5825	1.07	≤30.00	PASS
	total	5825	3.53	≤30.00	PASS
11AC40MIMO	Ant1	5270	-1.65	≤11.00	PASS
	Ant2	5270	-0.26	≤11.00	PASS
	total	5270	2.11	≤10.65	PASS
	Ant1	5310	-0.43	≤11.00	PASS
	Ant2	5310	0.78	≤11.00	PASS
	total	5310	3.23	≤10.65	PASS
	Ant1	5510	0.79	≤11.00	PASS
	Ant2	5510	0.75	≤11.00	PASS
	total	5510	3.78	≤10.30	PASS
	Ant1	5550	0.01	≤11.00	PASS
	Ant2	5550	-0.47	≤11.00	PASS
	total	5550	2.79	≤10.30	PASS
	Ant1	5670	1.61	≤11.00	PASS
	Ant2	5670	0.12	≤11.00	PASS
	total	5670	3.94	≤10.30	PASS
	Ant1	5755	-1.94	≤30.00	PASS
	Ant2	5755	-2.6	≤30.00	PASS
	total	5755	0.75	≤30.00	PASS
	Ant1	5795	-2.85	≤30.00	PASS
	Ant2	5795	-2.96	≤30.00	PASS
	total	5795	0.11	≤30.00	PASS
11AC80MIMO	Ant1	5290	-5.21	≤11.00	PASS
	Ant2	5290	-4.05	≤11.00	PASS
	total	5290	-1.58	≤10.65	PASS
	Ant1	5530	-4.73	≤11.00	PASS

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	Ant2	5530	-26.77	≤11.00	PASS
	total	5530	-4.70	≤10.30	PASS
	Ant1	5610	-5.01	≤11.00	PASS
	Ant2	5610	-5.77	≤11.00	PASS
	total	5610	-2.36	≤10.30	PASS
	Ant1	5775	-7.86	≤30.00	PASS
	Ant2	5775	-8.23	≤30.00	PASS
	total	5775	-5.03	≤30.00	PASS

Note:

1. Band U-NII-2A: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.35dBi*, thus 0.35dB reduction needed on the conducted PSD and/or Power limit.
2. Band U-NII-2C: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 6.7dBi*, thus 0.7dB reduction needed on the conducted PSD and/or Power limit.
3. Band U-NII-3: As per KDB662911D01 section F) f) (ii), the direction gain for MIMO mode is 5.8dBi*, thus No reduction needed on the conducted PSD and/or Power limit.

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11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200



11A_Ant2_5200

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11A Ant1 5240



11A Ant2 5240



11A Ant1 5260

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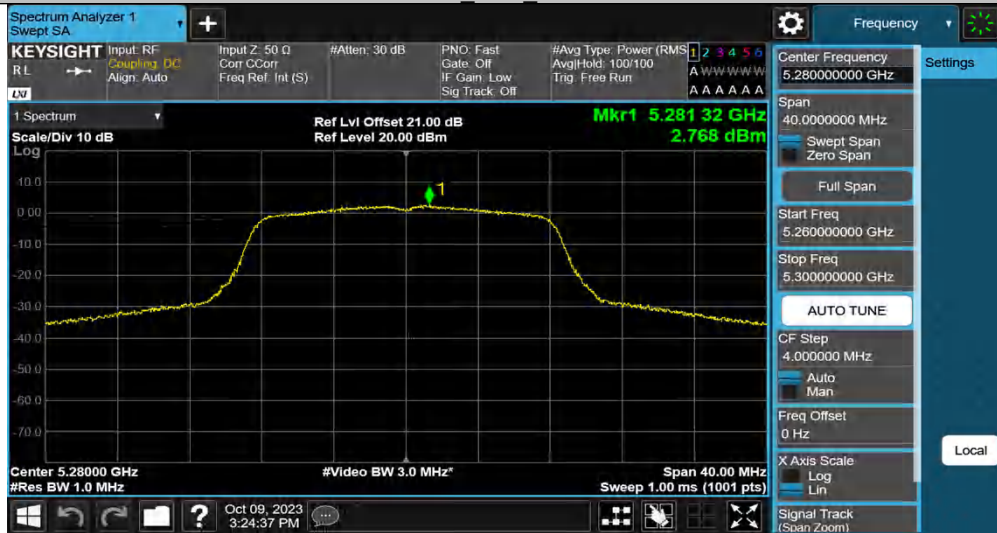
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11A_Ant2_5260



11A_Ant1_5280



11A_Ant2_5280

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11A_Ant1_5320



11A_Ant2_5320



11A_Ant1_5500

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11A_Ant2_5500



11A_Ant1_5580



11A_Ant2_5580

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11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5745

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11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5180

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11N20MIMO_Ant2 5180



11N20MIMO_Ant1 5200



11N20MIMO_Ant2 5200

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11N20MIMO_Ant1 5240



11N20MIMO_Ant2 5240



11N20MIMO_Ant1 5260

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11N20MIMO_Ant2 5260



11N20MIMO_Ant1 5280



11N20MIMO_Ant2 5280

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11N20MIMO_Ant1 5320



11N20MIMO_Ant2 5320



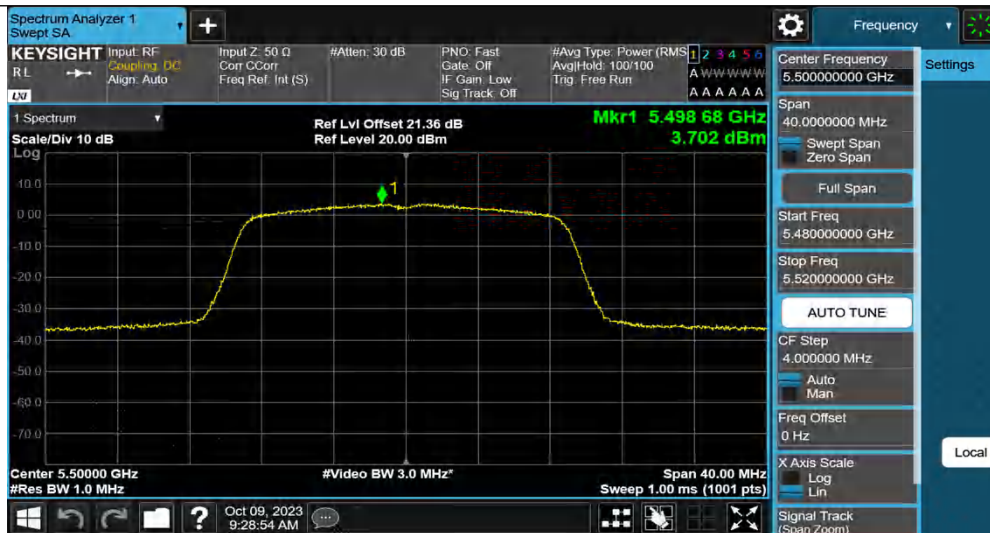
11N20MIMO_Ant1 5500

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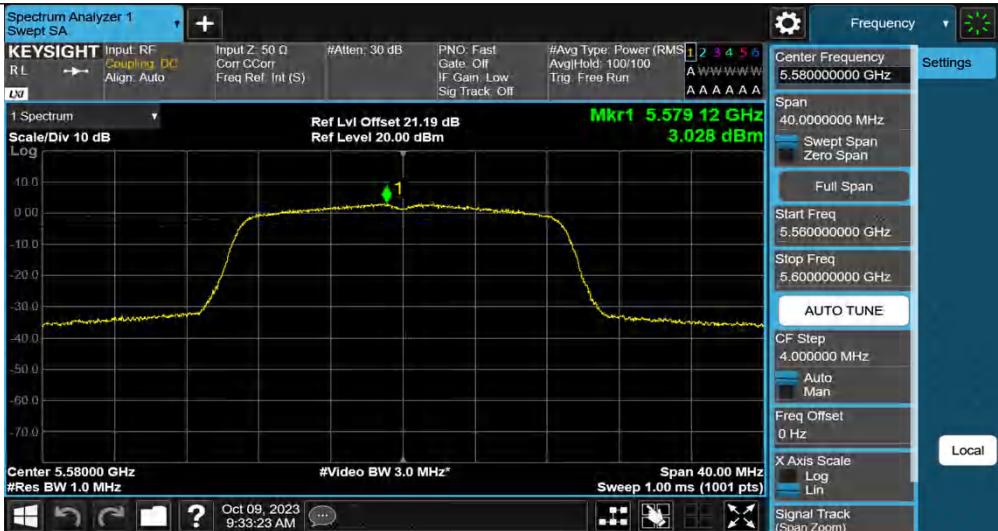
11N20MIMO_Ant2 5500



11N20MIMO_Ant1 5580



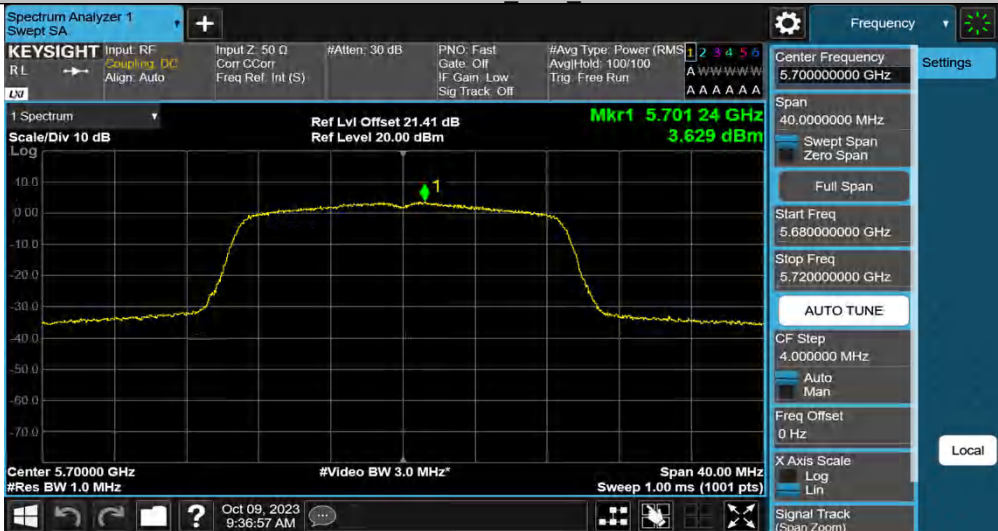
11N20MIMO_Ant2 5580



11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



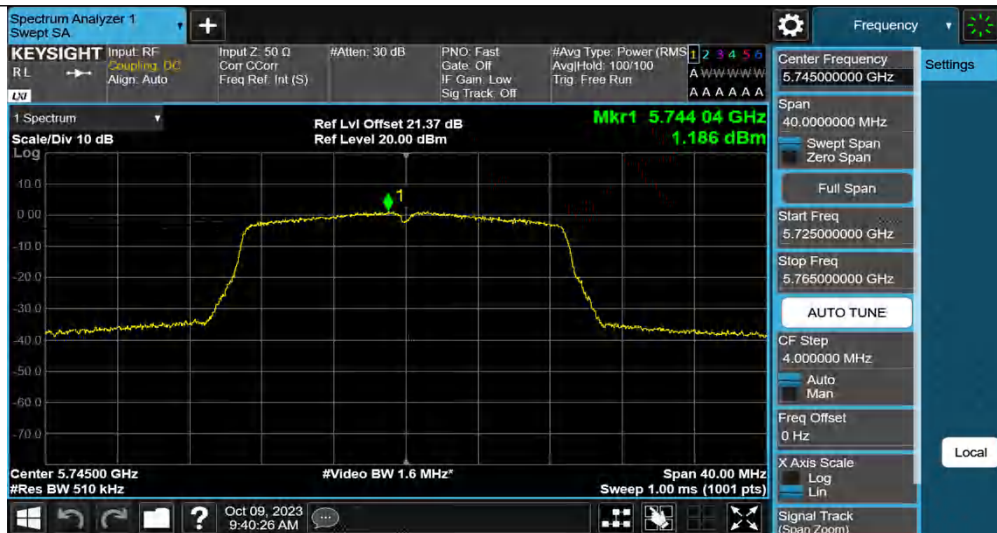
11N20MIMO_Ant1_5745

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11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785

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11N20MIMO_Ant1 5825



11N20MIMO_Ant2 5825



11N40MIMO_Ant1 5190

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11N40MIMO_Ant2 5190



11N40MIMO_Ant1 5230



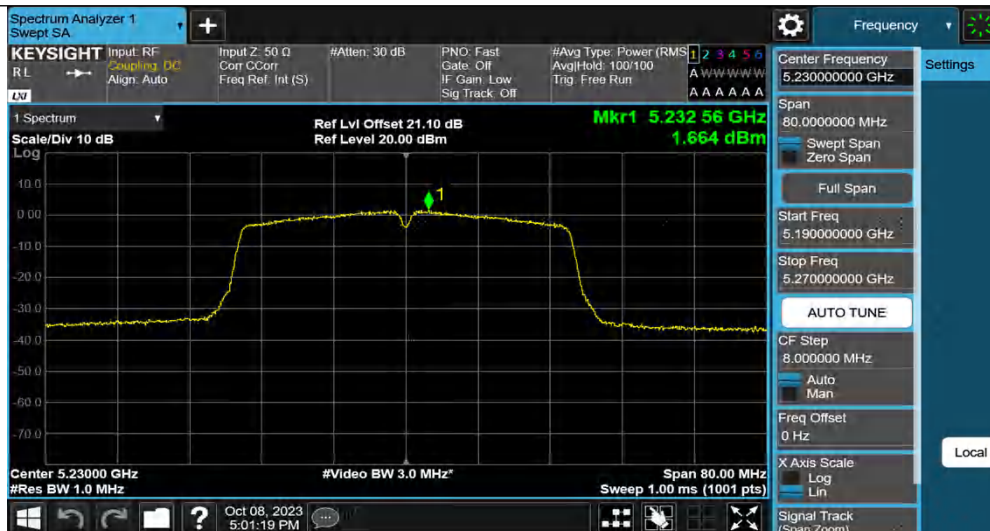
11N40MIMO_Ant2 5230

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11N40MIMO_Ant1 5270



11N40MIMO_Ant2 5270



11N40MIMO_Ant1 5310

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11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510



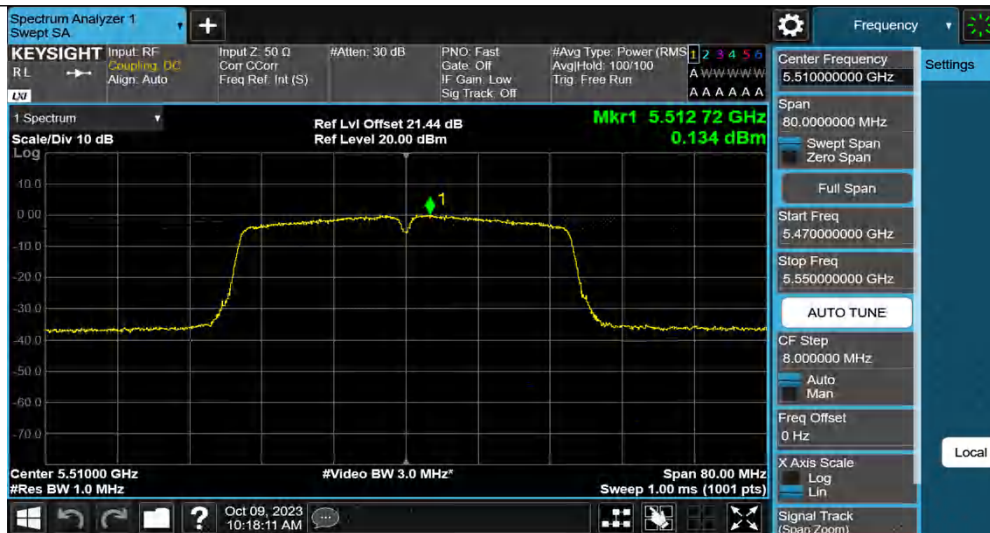
11N40MIMO_Ant2_5510

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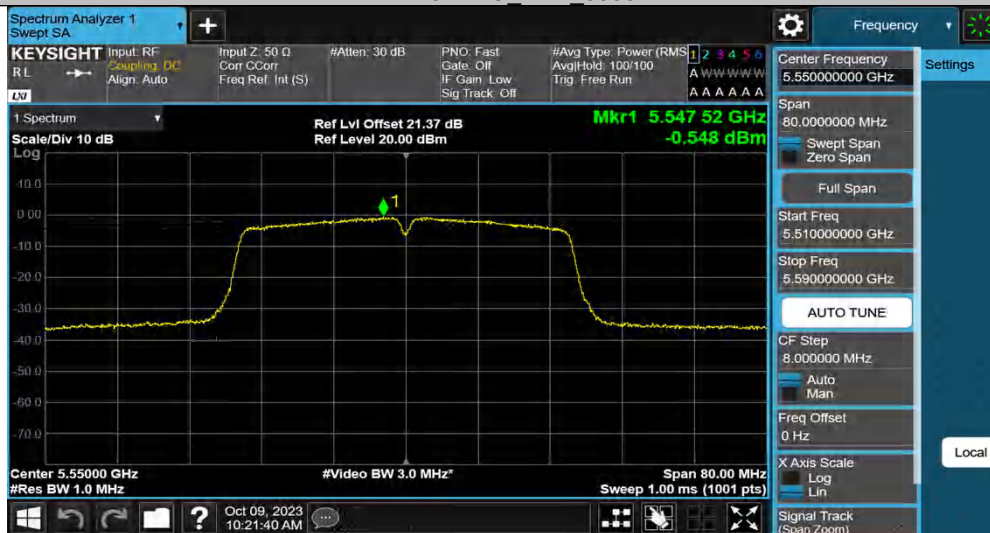
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11N40MIMO_Ant1 5550



11N40MIMO_Ant2 5550



11N40MIMO_Ant1 5670

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11N40MIMO_Ant2_5670



11N40MIMO_Ant1_5755



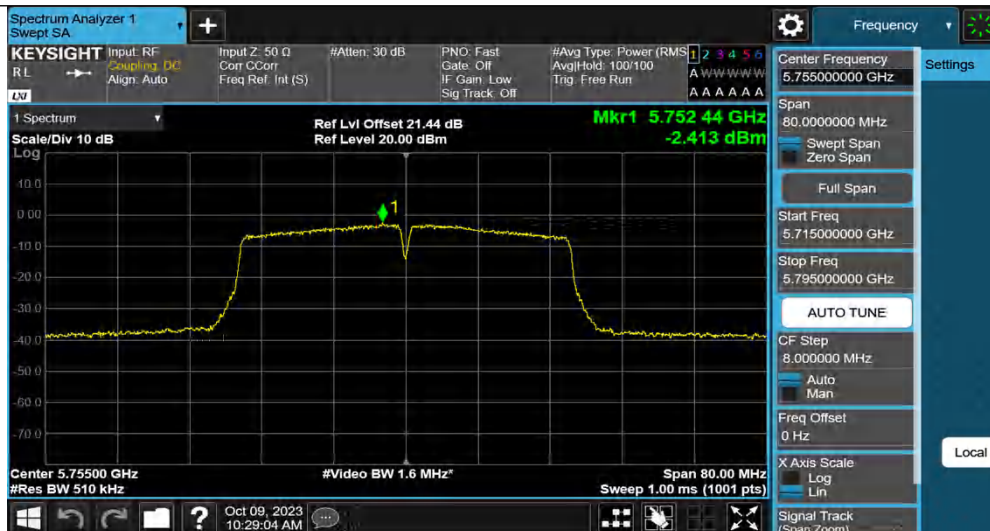
11N40MIMO_Ant2_5755

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11N40MIMO_Ant1 5795



11N40MIMO_Ant2 5795



11AC20MIMO_Ant1 5180

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11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200

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11AC20MIMO_Ant1_5240



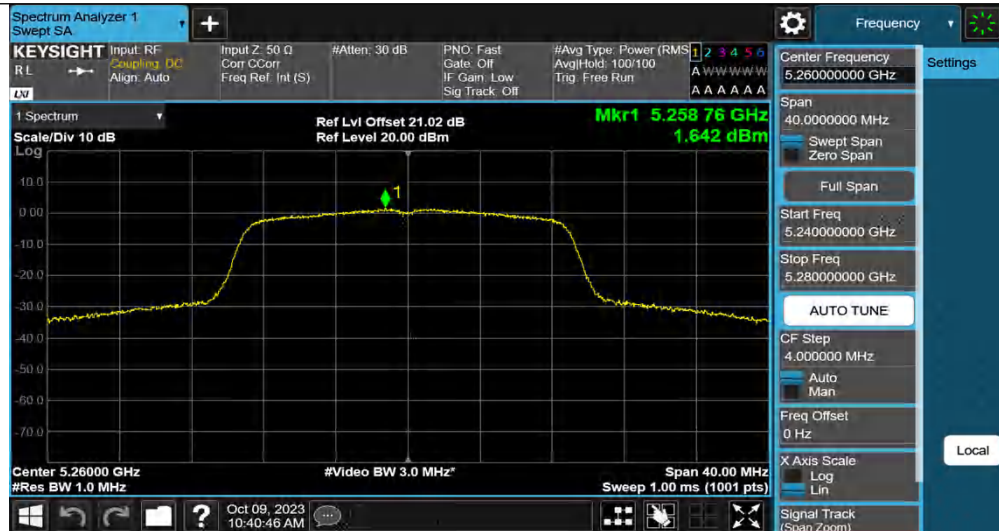
11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260

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11AC20MIMO_Ant2_5260



11AC20MIMO_Ant1_5280



11AC20MIMO_Ant2_5280

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11AC20MIMO_Ant1_5320



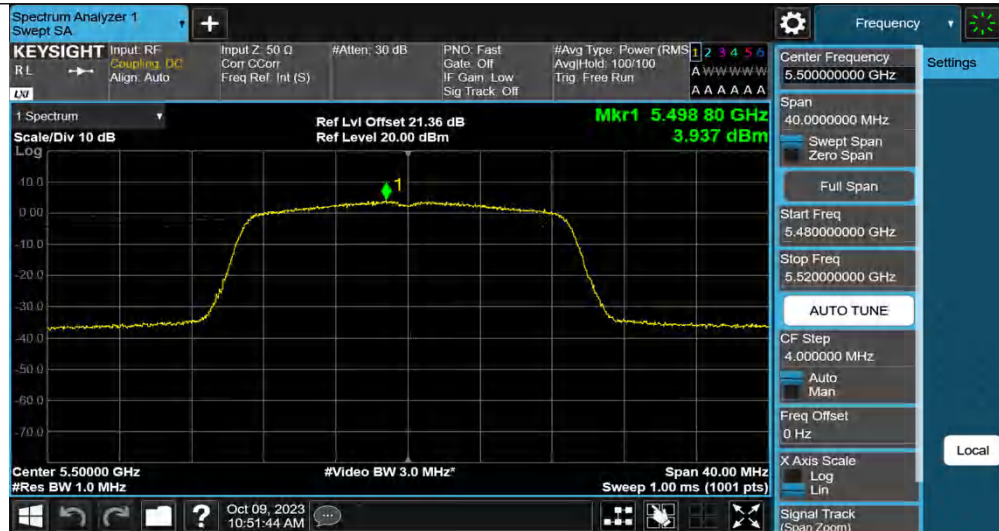
11AC20MIMO_Ant2_5320



11AC20MIMO_Ant1_5500

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11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant2_5580

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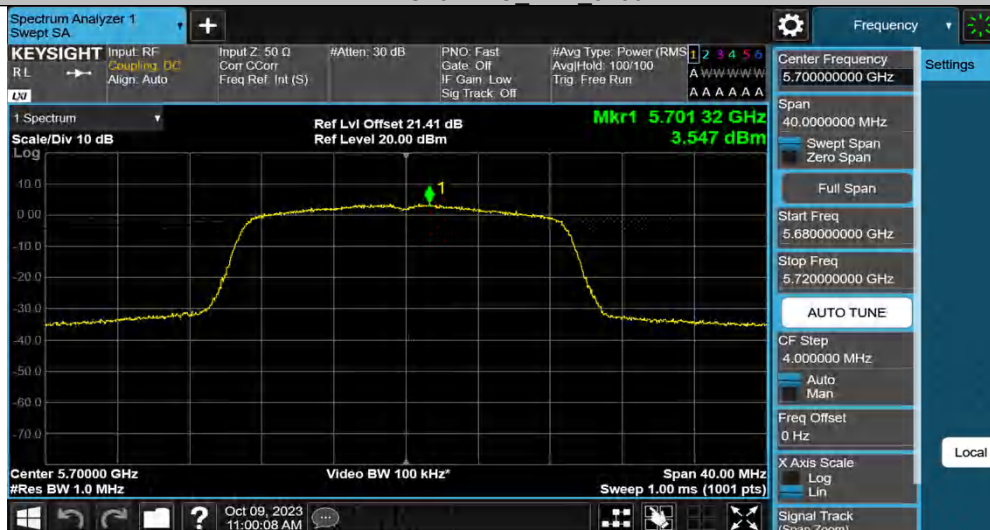
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11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5745

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11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



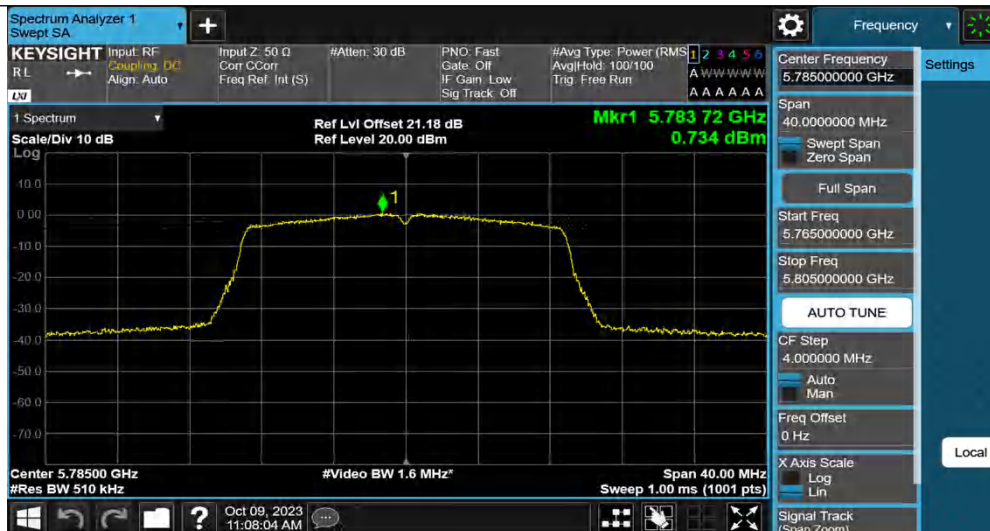
11AC20MIMO_Ant2_5785

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11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190

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11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230

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11AC40MIMO_Ant1_5270



11AC40MIMO_Ant2_5270



11AC40MIMO_Ant1_5310

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11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510

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11AC40MIMO_Ant1_5550



11AC40MIMO_Ant2_5550



11AC40MIMO_Ant1_5670

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11AC40MIMO_Ant2_5670



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755

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11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290

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11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610

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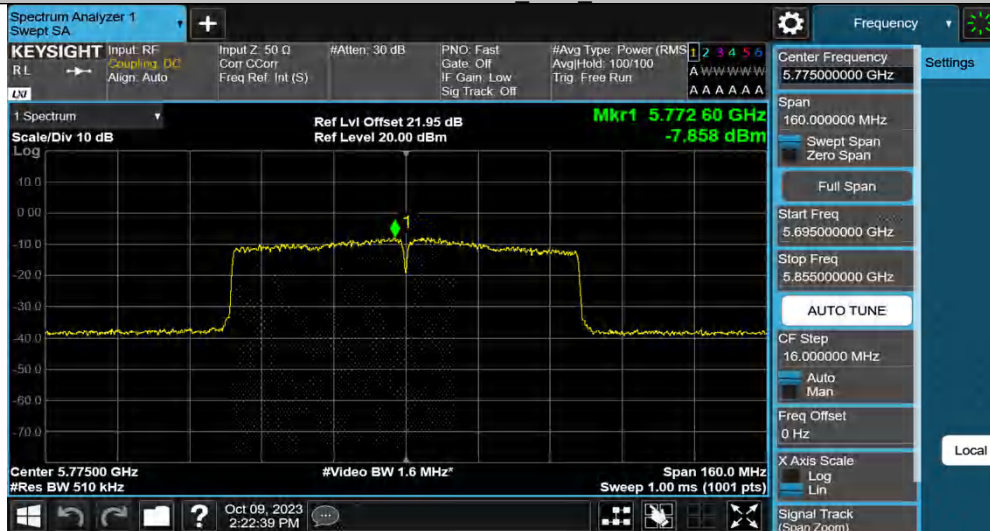
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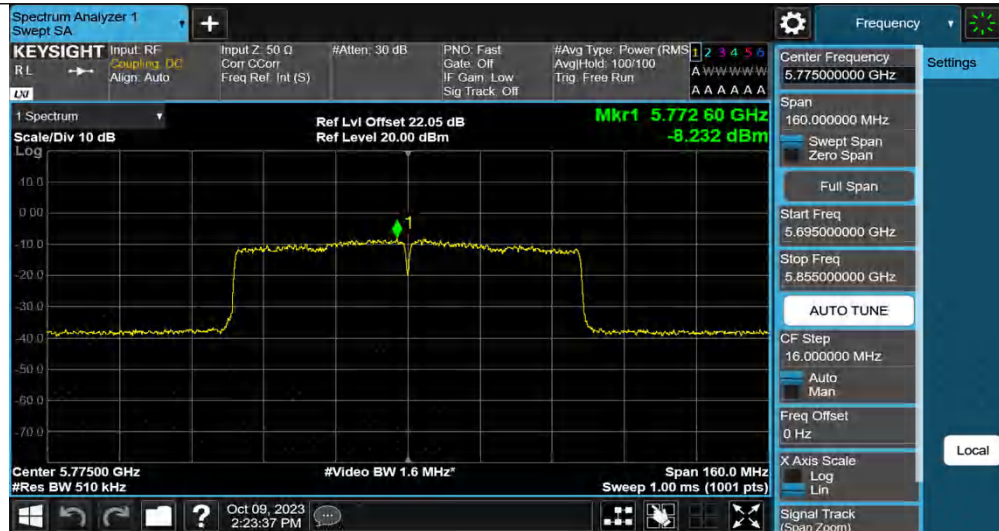
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



4. Transmitter Spurious Emissions

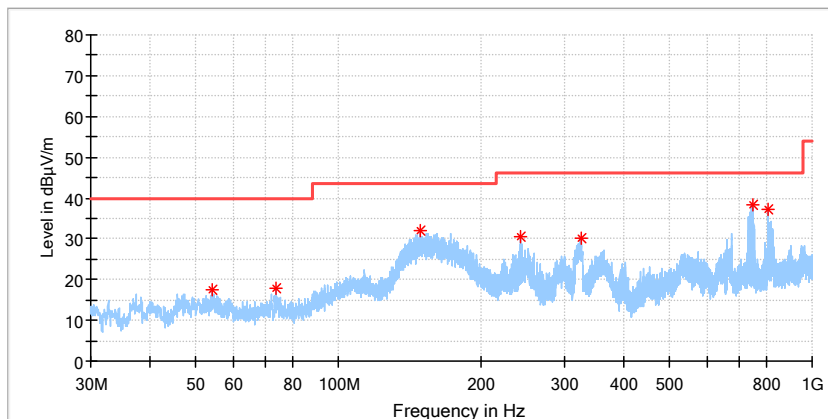
Note:

1. Testing is carried out with frequency rang 9kHz to the tenth harmonics. And it verified that the emssions above 18GHz are just floor-nises, no need to report it.
2. The highest emissions are the fundamental waves.
2. The emissions more than 20dB below the limits not recorded.
3. All modes for required channel tested, only the worst-case reported.

4.1 Transmitter Spurious Emissions, Below 1GHz

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

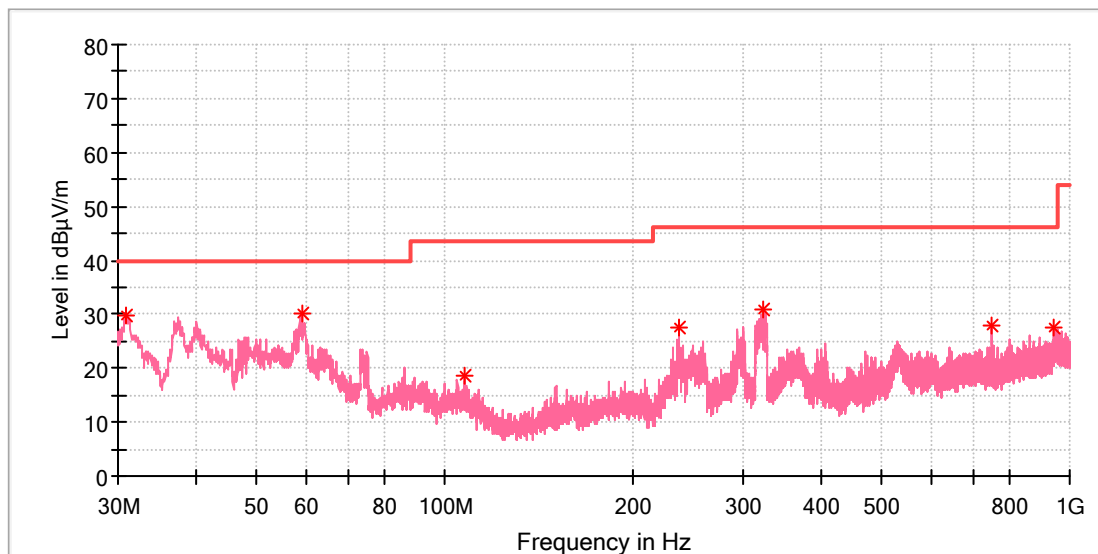
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.175385	17.46	40.00	22.54	100.0	H	245.0	-18.7
73.724615	17.71	40.00	22.29	100.0	H	84.0	-23.3
148.638462	32.03	43.50	11.47	100.0	H	3.0	-22.5
241.534615	30.67	46.00	15.33	100.0	H	336.0	-18.0
326.260385	30.21	46.00	15.79	100.0	H	245.0	-15.8
747.538846	38.50	46.00	7.50	100.0	H	317.0	-7.6
805.253846	37.38	46.00	8.62	100.0	H	307.0	-6.7

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.932692	29.81	40.00	10.19	100.0	V	338.0	-23.2
58.950769	30.09	40.00	9.91	100.0	V	189.0	-19.2
107.898462	18.55	43.50	24.95	100.0	V	302.0	-19.3
237.580000	27.41	46.00	18.59	100.0	V	247.0	-18.1
323.536923	30.81	46.00	15.19	100.0	V	198.0	-15.9
752.463462	27.75	46.00	18.25	100.0	V	95.0	-7.5
945.157692	27.59	46.00	18.41	100.0	V	165.0	-4.9

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

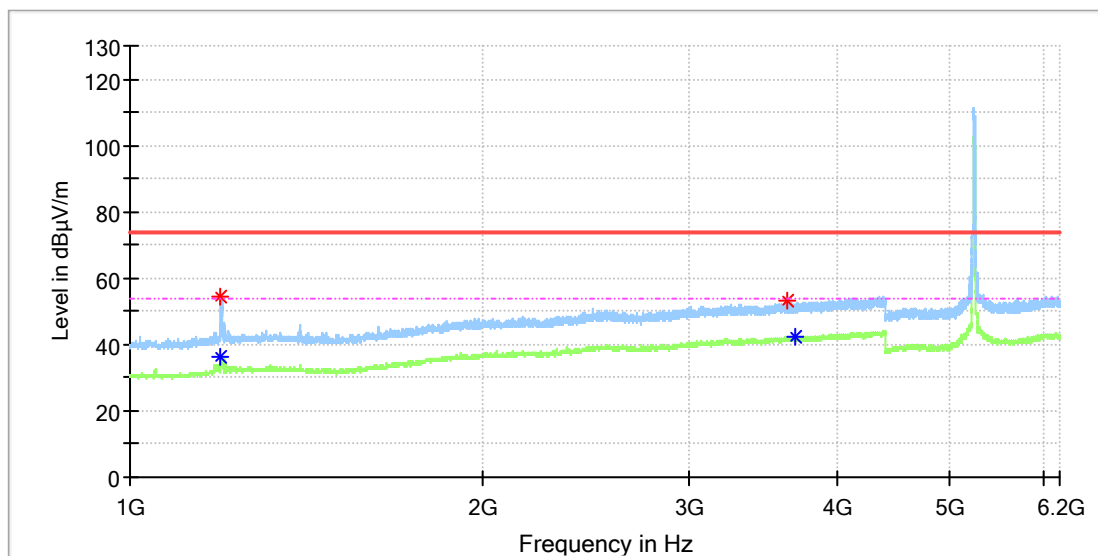
4.2 Transmitter Spurious Emissions, above 1GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

U-NII-1 Band:

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

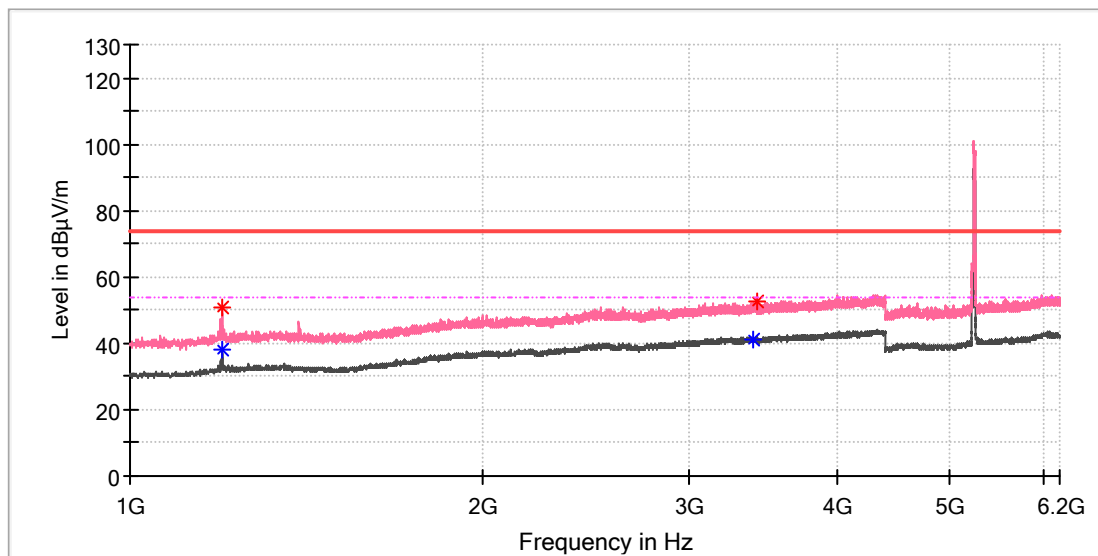
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.500000	54.30	---	74.00	19.70	100.0	H	245.0	1.1
1195.500000	---	36.36	54.00	17.64	100.0	H	245.0	1.1
3638.500000	52.98	---	74.00	21.02	100.0	H	312.0	9.4
3693.500000	---	42.27	54.00	11.73	100.0	H	299.0	9.6

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

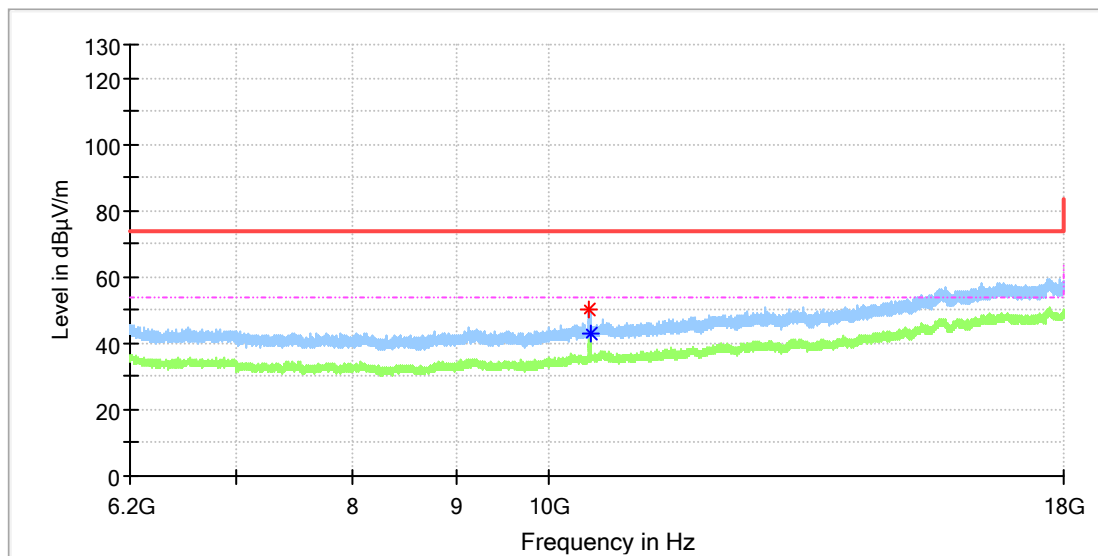
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	---	38.31	54.00	15.69	100.0	V	126.0	1.1
1198.500000	50.83	---	74.00	23.17	100.0	V	308.0	1.1
3400.500000	---	41.40	54.00	12.60	100.0	V	327.0	8.7
3429.000000	52.32	---	74.00	21.68	100.0	V	257.0	8.8

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

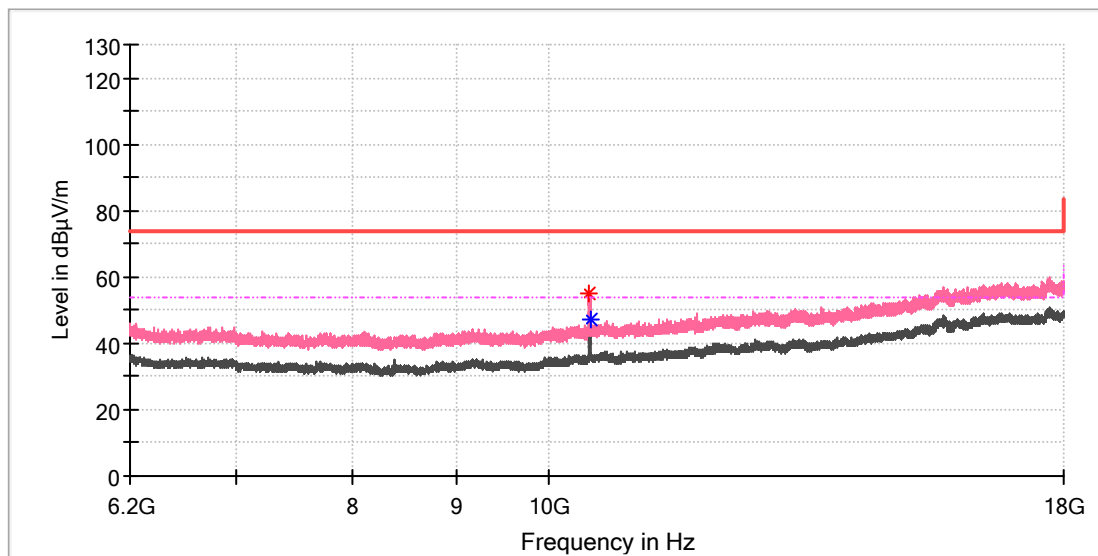
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10475.533333	50.39	---	74.00	23.61	100.0	H	311.0	12.0
10483.891667	---	42.68	54.00	11.32	100.0	H	101.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

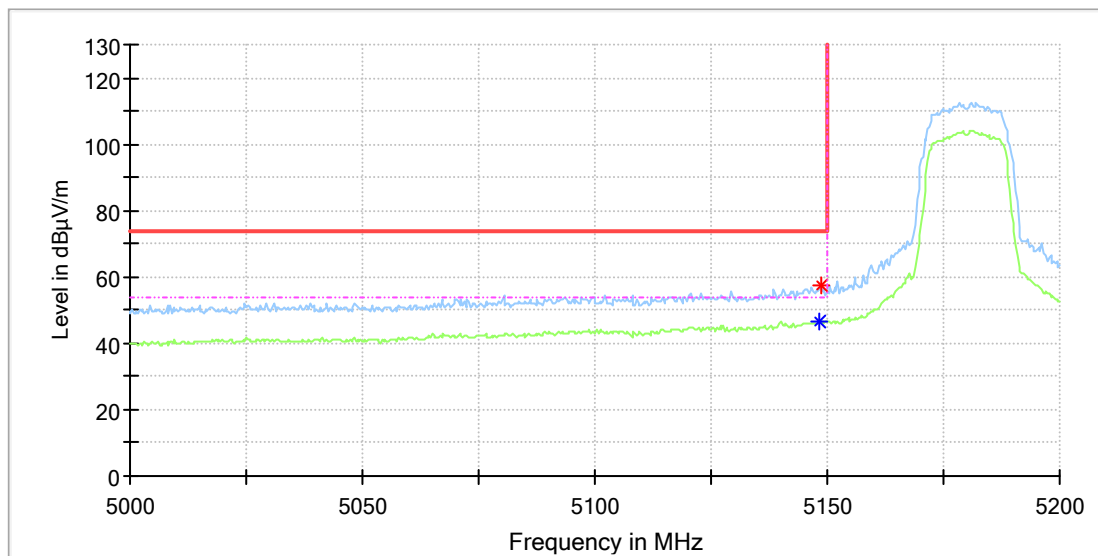
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10477.991667	54.73	---	74.00	19.27	100.0	V	6.0	12.0
10481.925000	---	47.03	54.00	6.97	100.0	V	22.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

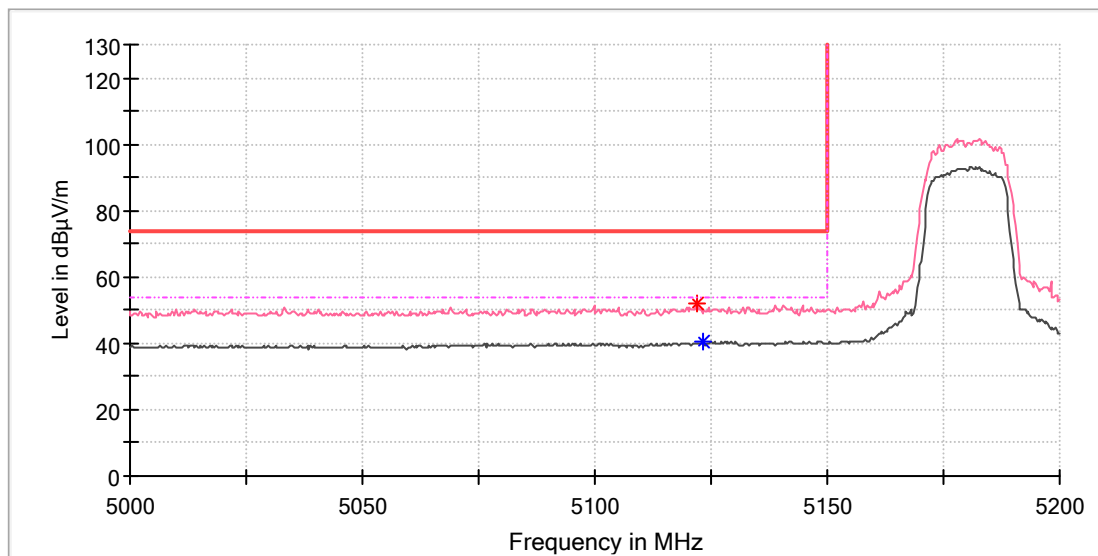
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.316667	---	46.59	54.00	7.41	100.0	H	113.0	12.4
5148.644445	57.44	---	74.00	16.56	100.0	H	113.0	12.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

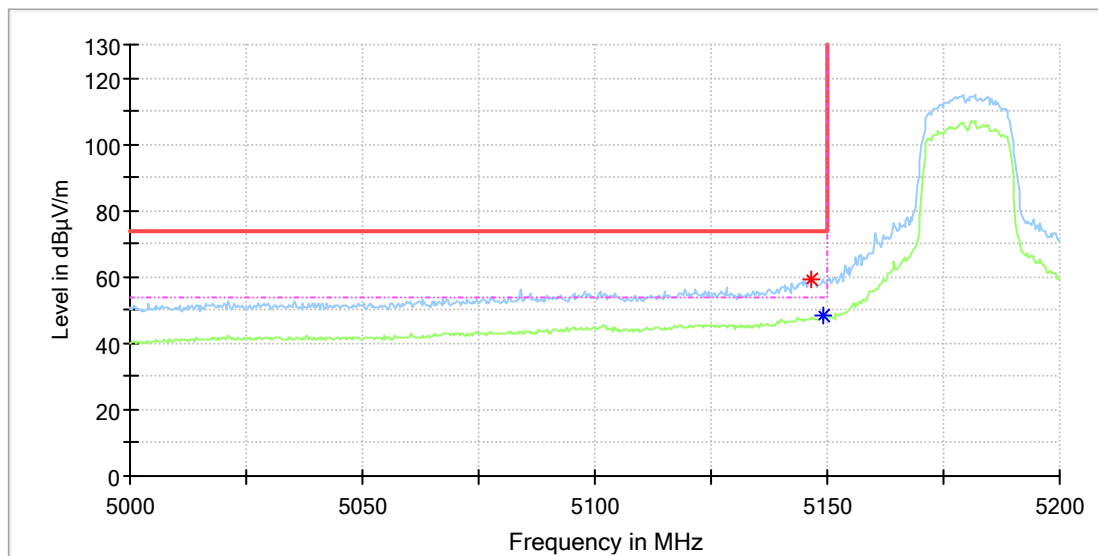
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5122.094445	52.01	---	74.00	21.99	100.0	V	265.0	12.3
5123.077778	---	40.63	54.00	13.37	100.0	V	287.0	12.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

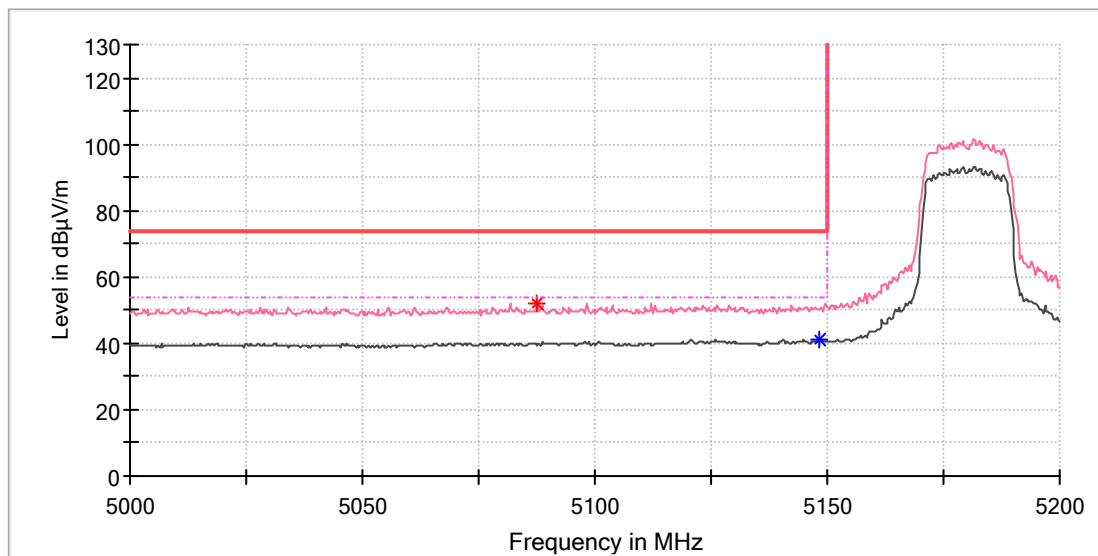
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.677778	59.50	---	74.00	14.50	100.0	H	168.0	12.4
5148.972222	---	48.41	54.00	5.59	100.0	H	237.0	12.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

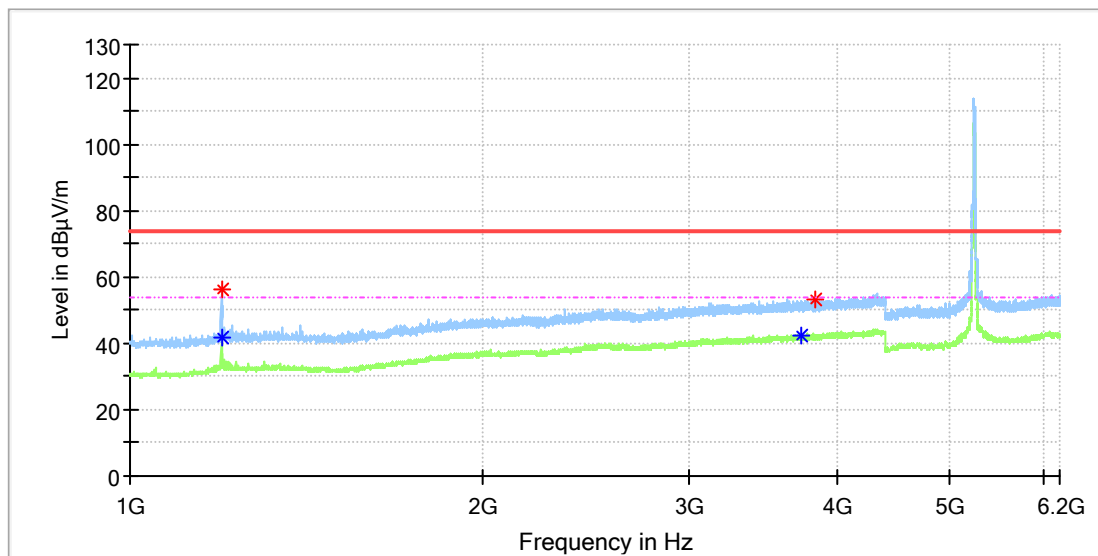
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5087.677778	52.24	---	74.00	21.76	100.0	V	354.0	12.2
5148.316667	---	41.27	54.00	12.73	100.0	V	299.0	12.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

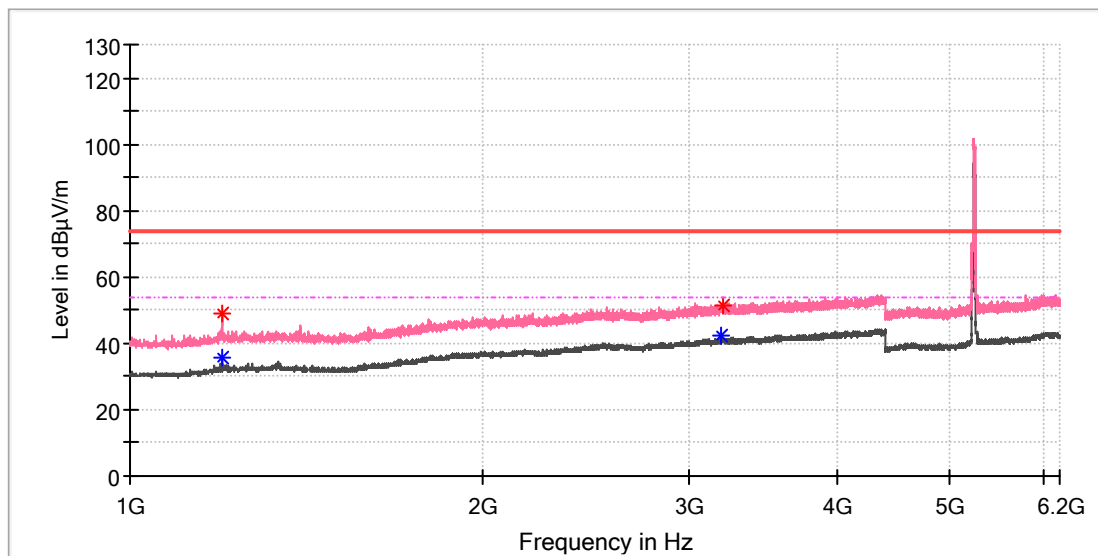
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.000000	---	41.46	54.00	12.54	100.0	H	304.0	1.1
1196.000000	56.06	---	74.00	17.94	100.0	H	304.0	1.1
3727.000000	---	42.55	54.00	11.45	100.0	H	0.0	9.6
3838.500000	53.38	---	74.00	20.62	100.0	H	333.0	9.9

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

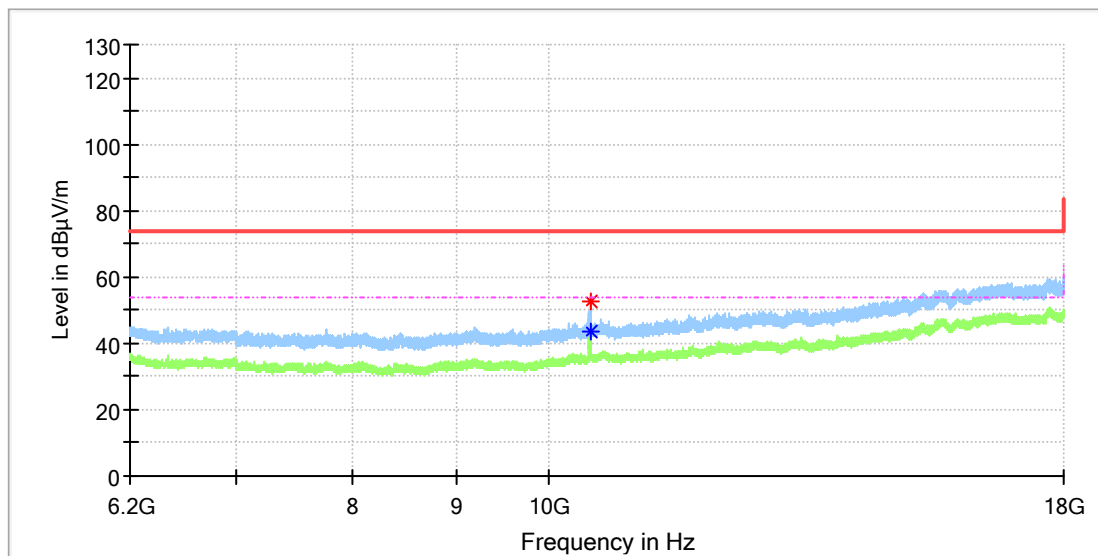
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	48.98	---	74.00	25.02	100.0	V	359.0	1.1
1199.500000	---	35.68	54.00	18.32	100.0	V	48.0	1.1
3193.500000	---	42.30	54.00	11.70	100.0	V	130.0	8.6
3196.500000	51.36	---	74.00	22.64	100.0	V	164.0	8.6

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

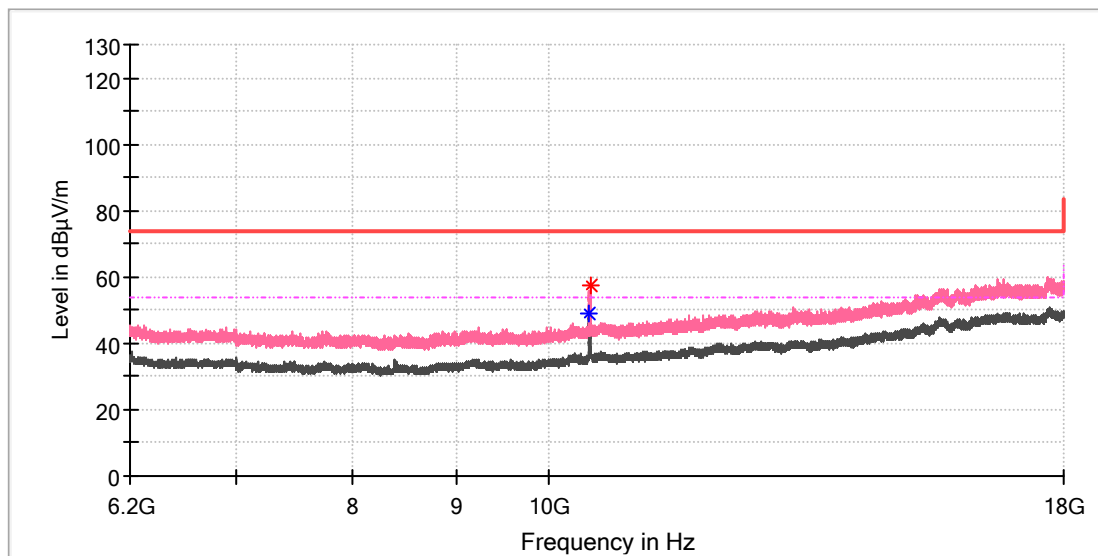
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10481.433333	52.58	---	74.00	21.42	100.0	H	99.0	12.0
10481.433333	---	43.38	54.00	10.62	100.0	H	99.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

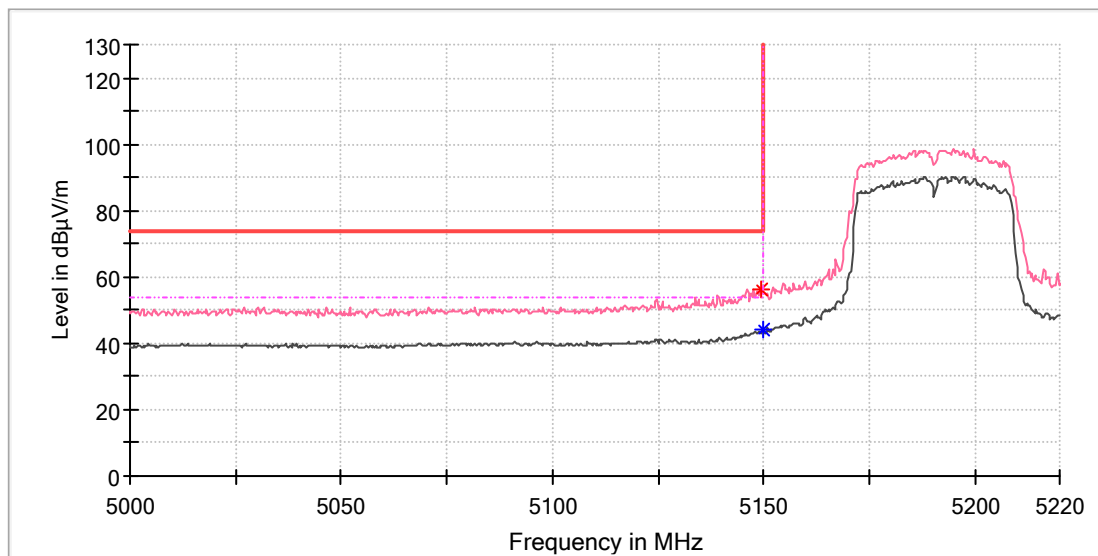
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10478.975000	---	49.14	54.00	4.86	100.0	V	55.0	12.0
10486.350000	57.31	---	74.00	16.69	100.0	V	28.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

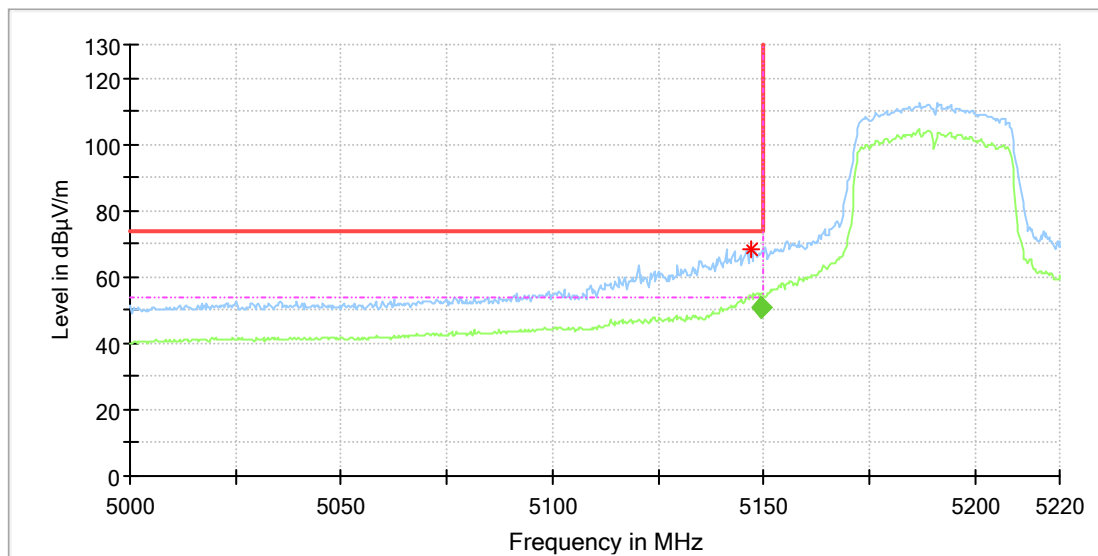
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	56.30	---	74.00	17.70	100.0	V	267.0	12.4
5149.627778	---	44.01	54.00	9.99	100.0	V	273.0	12.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

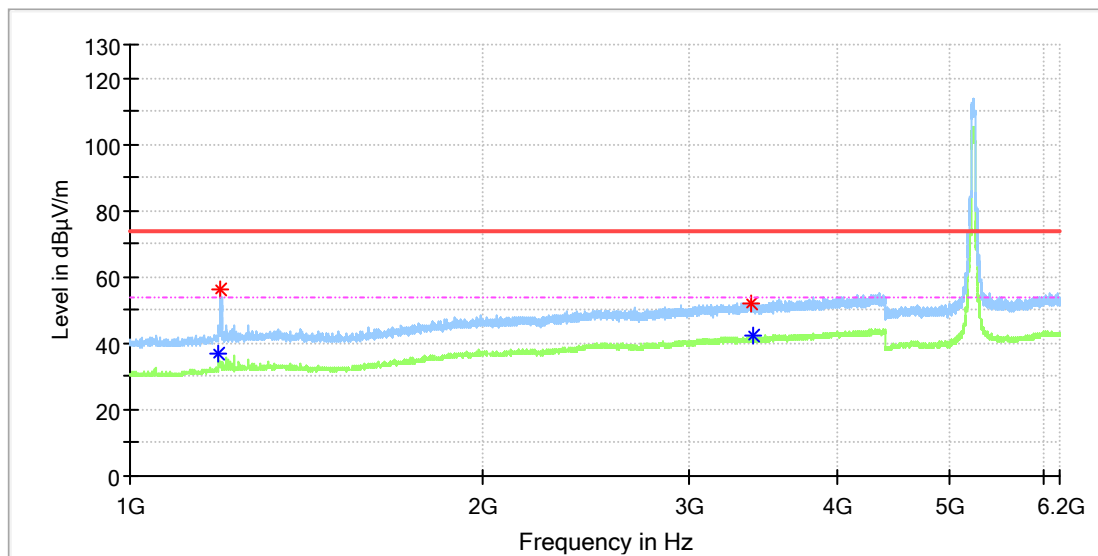
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.530555	68.39	---	74.00	5.61	100.0	H	116.0	12.4

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.530555	50.78	54.00	3.22	100.0	H	111.0	12.4

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

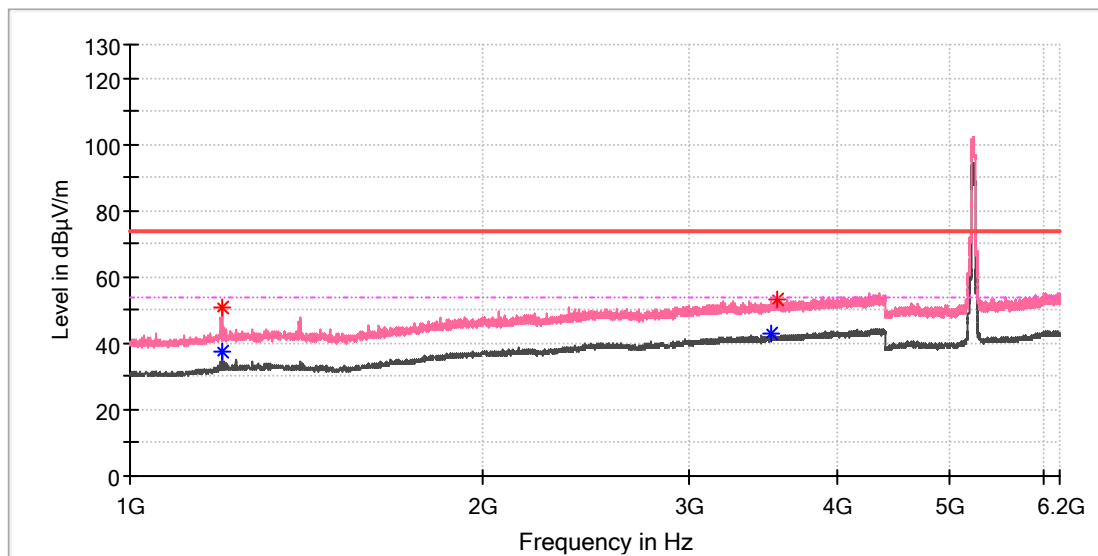
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1190.000000	---	37.00	54.00	17.00	100.0	H	237.0	1.1
1195.000000	56.25	---	74.00	17.75	100.0	H	237.0	1.1
3387.000000	52.13	---	74.00	21.87	100.0	H	292.0	8.7
3390.500000	---	42.43	54.00	11.57	100.0	H	97.0	8.7

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

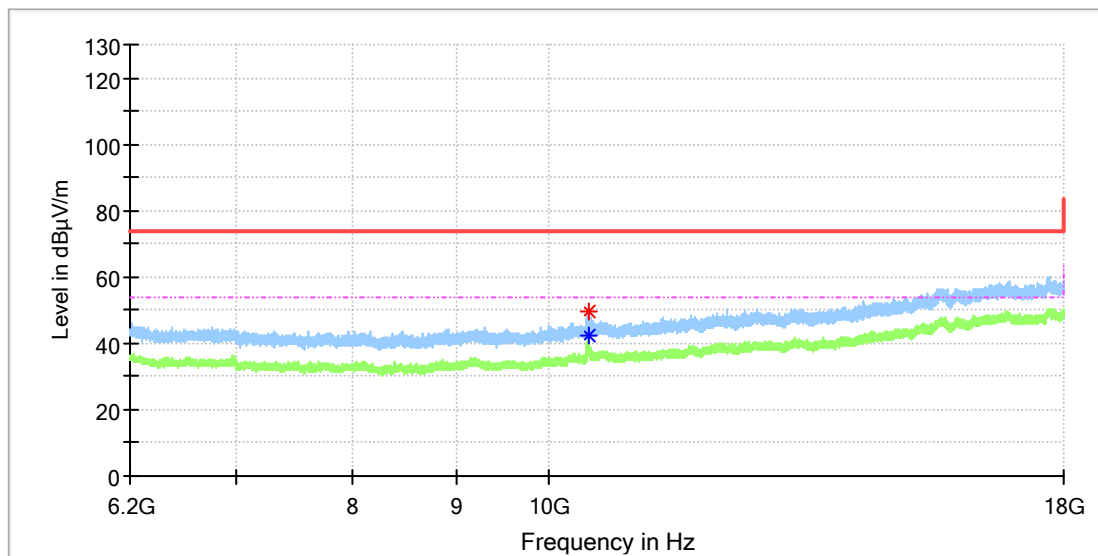
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.000000	50.86	---	74.00	23.14	100.0	V	135.0	1.1
1198.000000	---	37.22	54.00	16.78	100.0	V	135.0	1.1
3522.500000	---	43.05	54.00	10.95	100.0	V	110.0	9.1
3565.000000	53.30	---	74.00	20.70	100.0	V	125.0	9.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

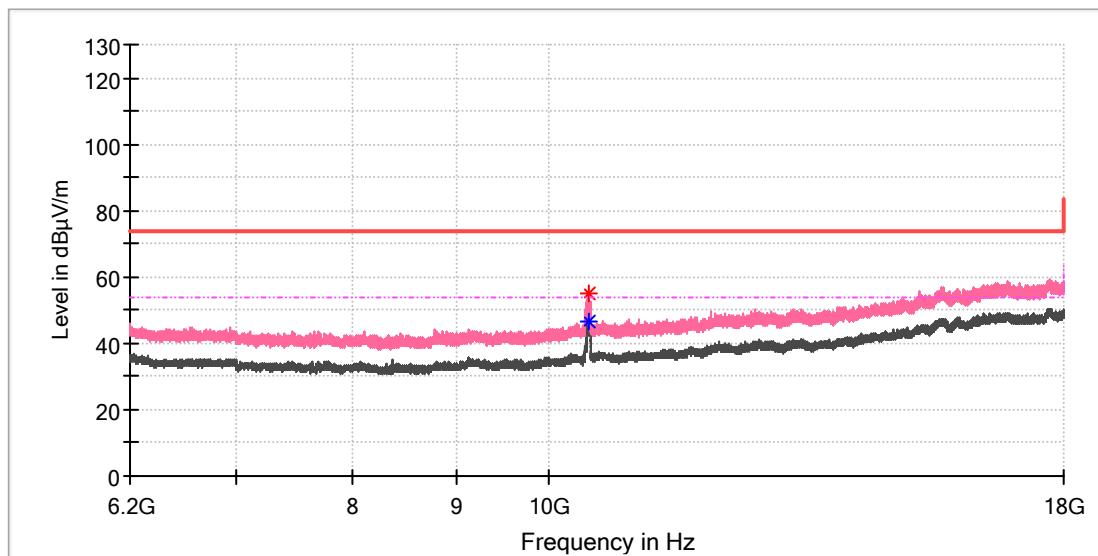
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10459.308333	---	42.51	54.00	11.49	100.0	H	87.0	12.0
10461.766667	49.61	---	74.00	24.39	100.0	H	76.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

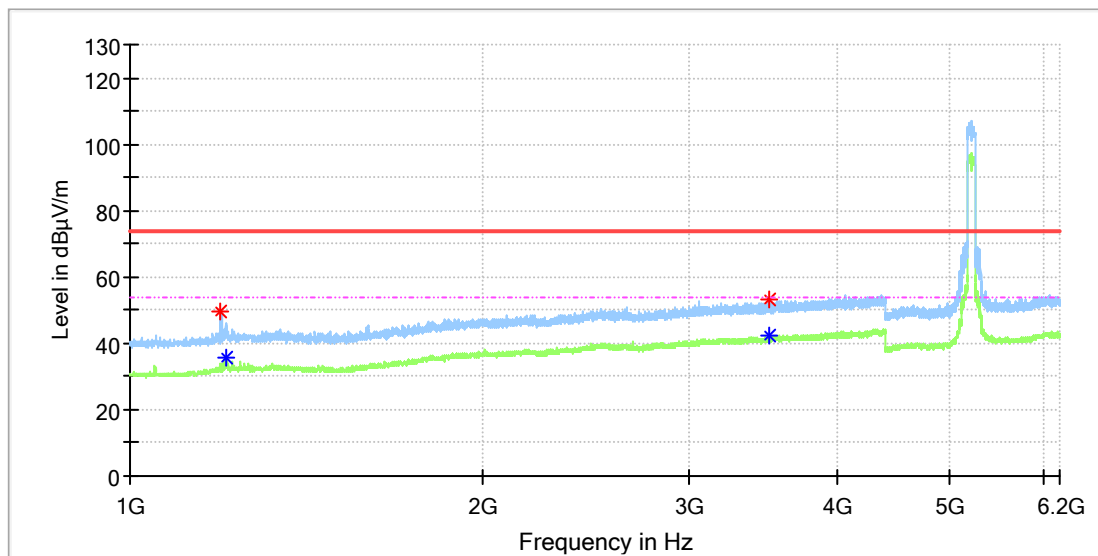
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10456.850000	54.79	---	74.00	19.21	100.0	V	47.0	12.0
10468.158333	---	46.55	54.00	7.45	100.0	V	207.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

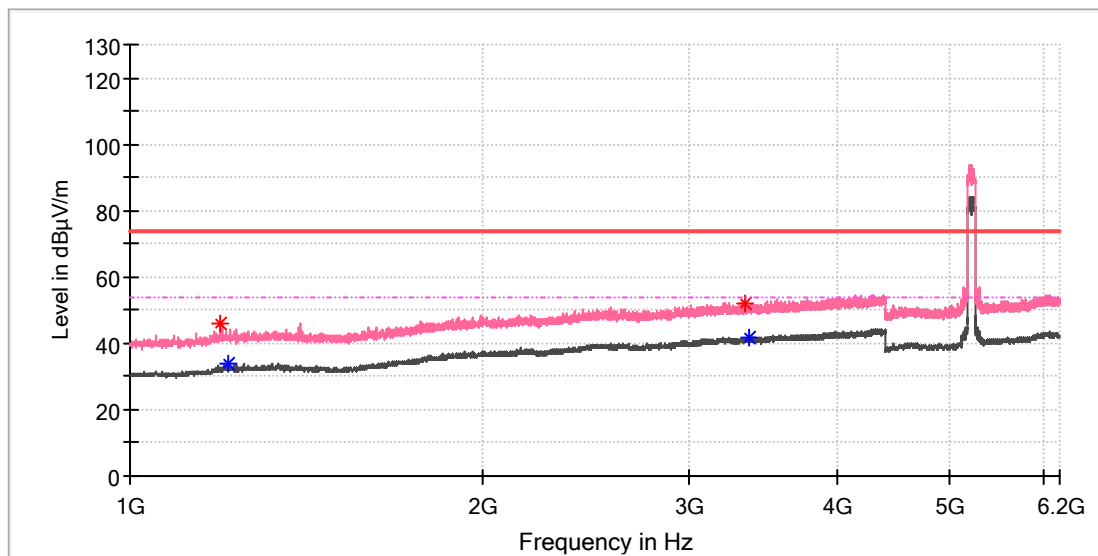
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.500000	49.37	---	74.00	24.63	100.0	H	295.0	1.1
1209.500000	---	35.63	54.00	18.37	100.0	H	228.0	1.3
3505.000000	53.05	---	74.00	20.95	100.0	H	295.0	9.0
3510.000000	---	42.41	54.00	11.59	100.0	H	222.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

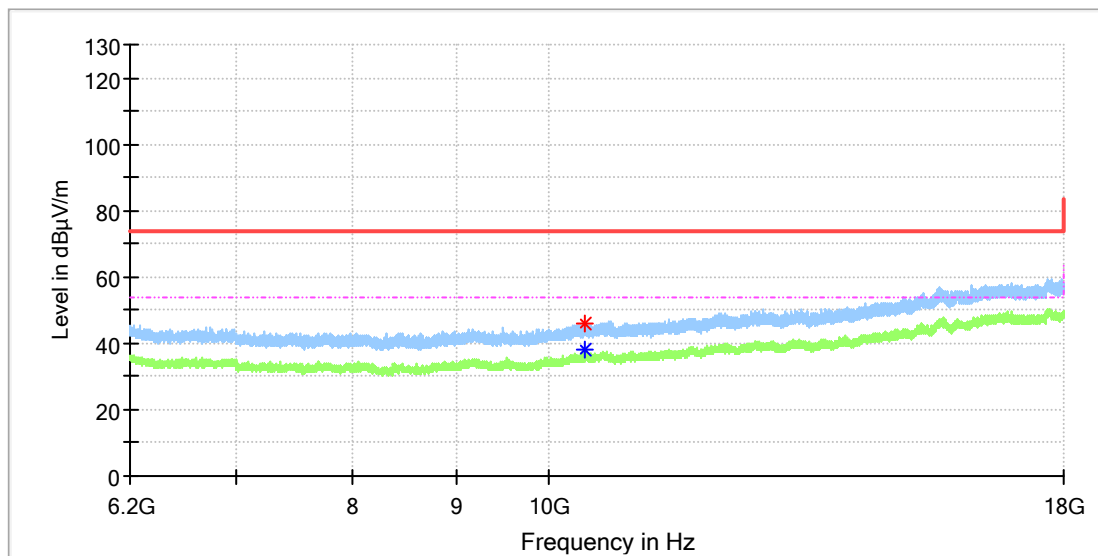
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	46.03	---	74.00	27.97	100.0	V	233.0	1.1
1212.500000	---	33.86	54.00	20.14	100.0	V	282.0	1.3
3341.500000	52.29	---	74.00	21.71	100.0	V	144.0	8.5
3371.500000	---	41.90	54.00	12.10	100.0	V	359.0	8.6

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

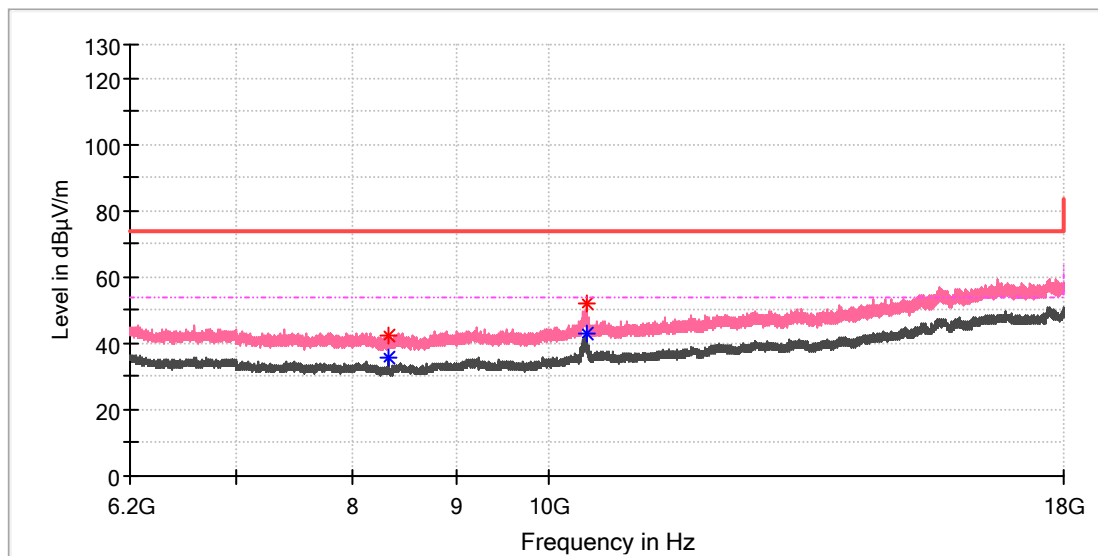
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10418.500000	---	38.19	54.00	15.81	100.0	H	108.0	11.9
10420.958333	46.21	---	74.00	27.79	100.0	H	305.0	11.9

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

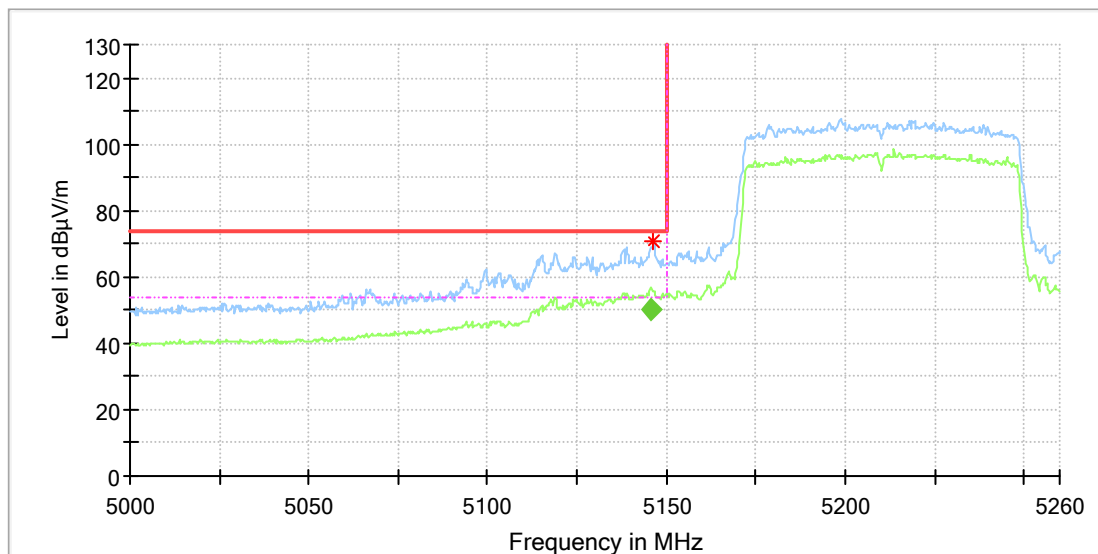
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8335.800000	---	35.77	54.00	18.23	100.0	V	189.0	8.8
8336.291667	42.59	---	74.00	31.41	100.0	V	189.0	8.8
10439.150000	---	42.86	54.00	11.14	100.0	V	25.0	11.9
10447.016667	52.03	---	74.00	21.97	100.0	V	25.0	11.9

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

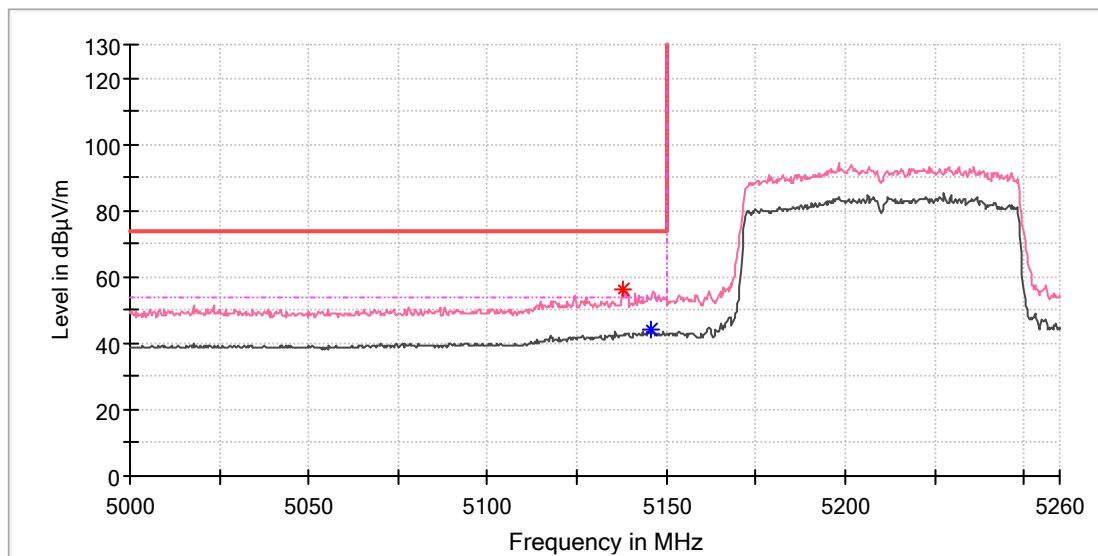
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.350000	70.62	---	74.00	3.38	100.0	H	251.0	12.4

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5145.472222	50.34	54.00	3.66	100.0	H	229.0	12.4

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5137.827778	56.37	---	74.00	17.63	100.0	V	117.0	12.4
5145.694445	---	44.00	54.00	10.00	100.0	V	277.0	12.4

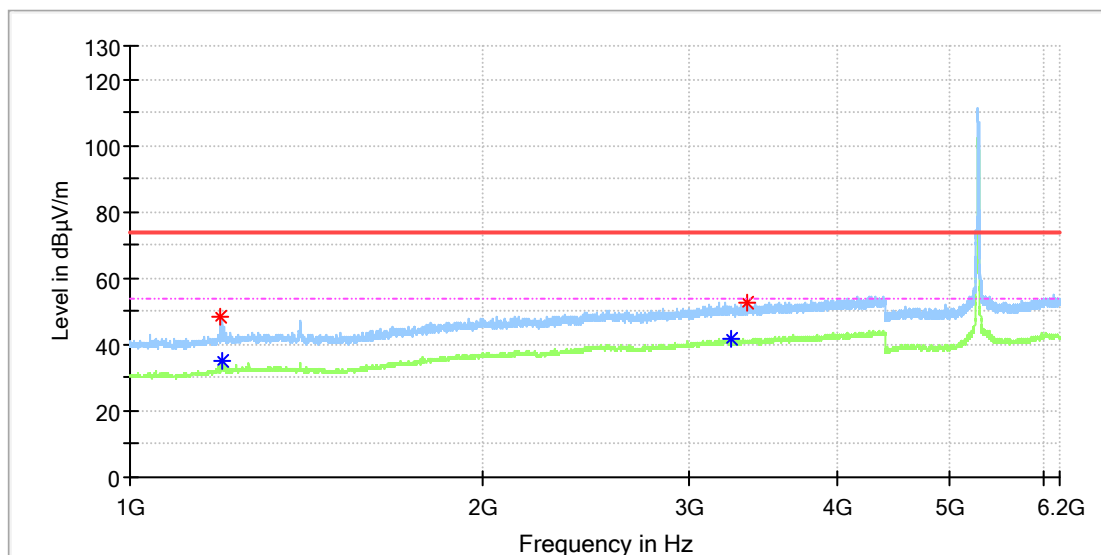
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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U-NII-2A:

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

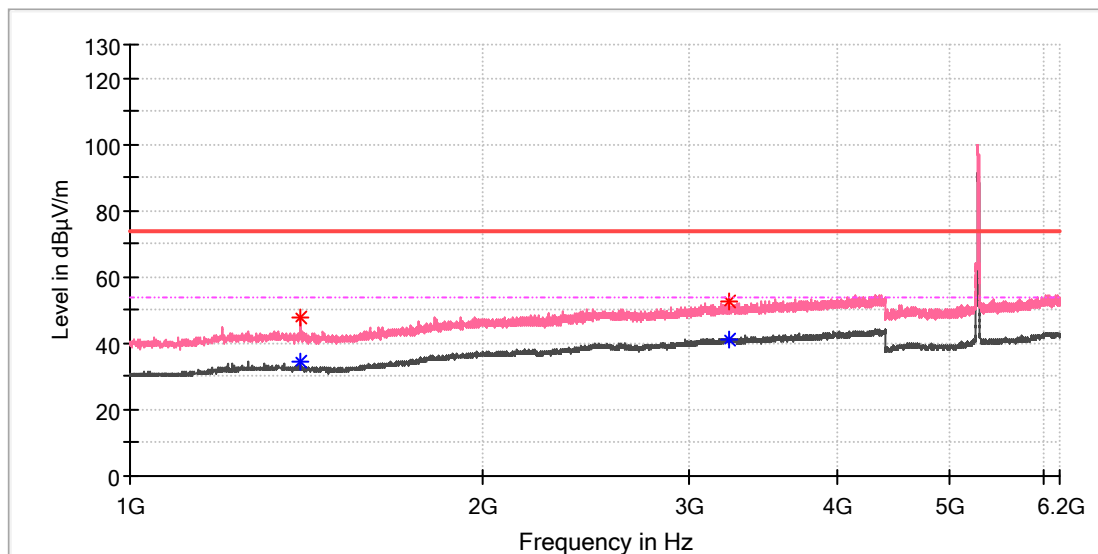
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	48.45	---	74.00	25.55	100.0	H	107.0	1.1
1196.000000	---	35.36	54.00	18.64	100.0	H	241.0	1.1
3252.500000	---	41.69	54.00	12.31	100.0	H	356.0	8.5
3357.500000	52.65	---	74.00	21.35	100.0	H	112.0	8.6

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

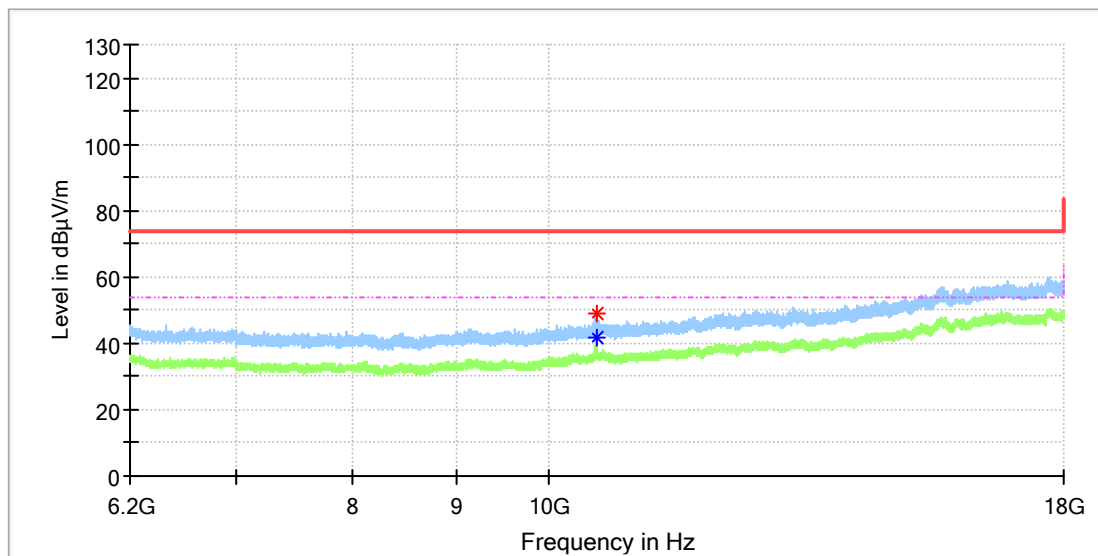
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1399.000000	47.90	---	74.00	26.10	100.0	V	269.0	1.7
1399.000000	---	34.39	54.00	19.61	100.0	V	269.0	1.7
3238.000000	52.79	---	74.00	21.21	100.0	V	0.0	8.5
3239.000000	---	41.39	54.00	12.61	100.0	V	92.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

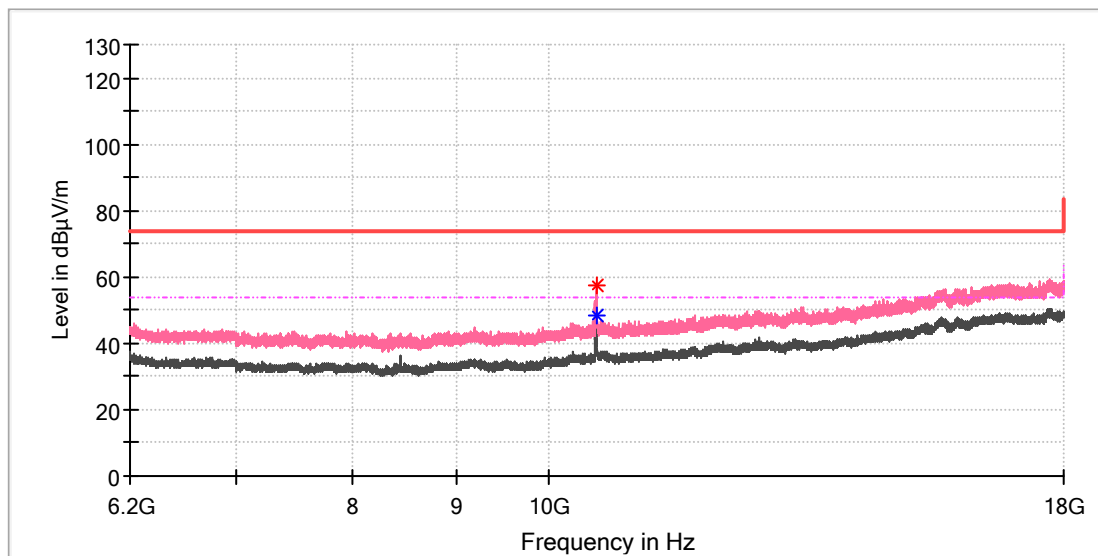
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10560.591667	---	41.70	54.00	12.30	100.0	H	115.0	12.0
10562.066667	49.19	---	74.00	24.81	100.0	H	67.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

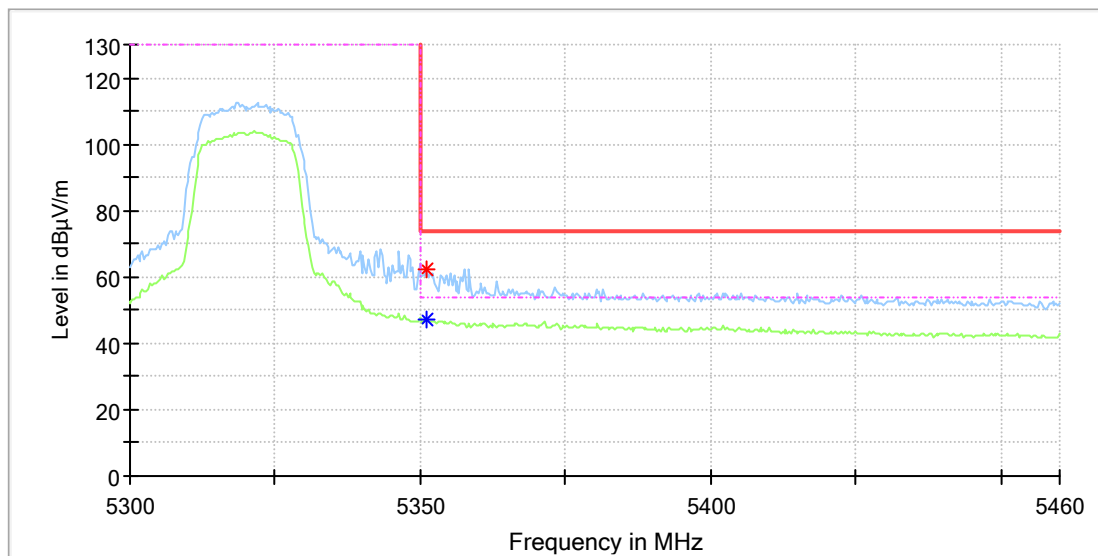
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10558.625000	---	48.64	54.00	5.36	100.0	V	171.0	12.0
10560.591667	57.55	---	74.00	16.45	100.0	V	61.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

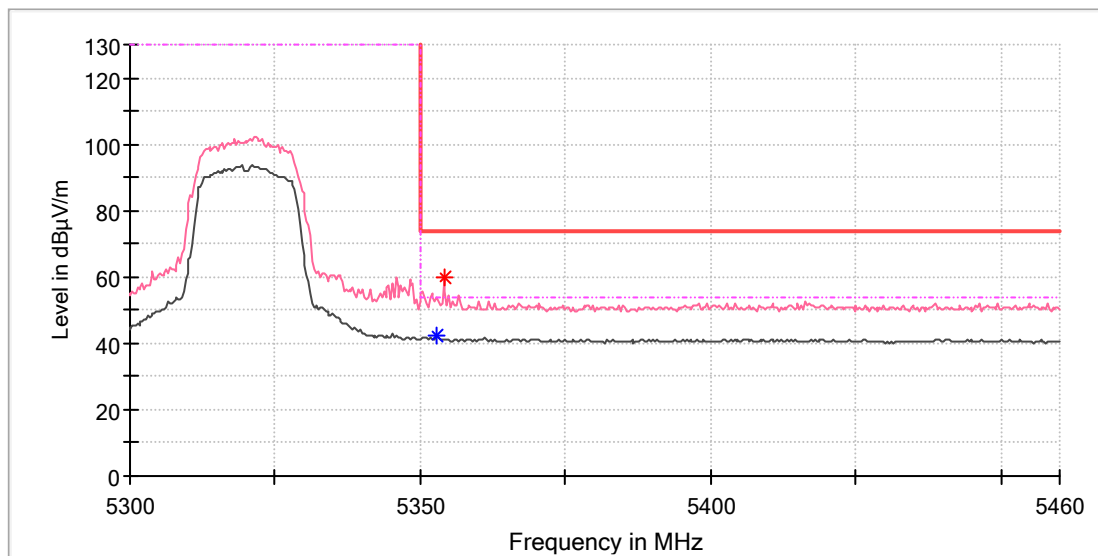
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.055556	62.46	---	74.00	11.54	100.0	H	75.0	13.3
5351.055556	---	47.06	54.00	6.94	100.0	H	75.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

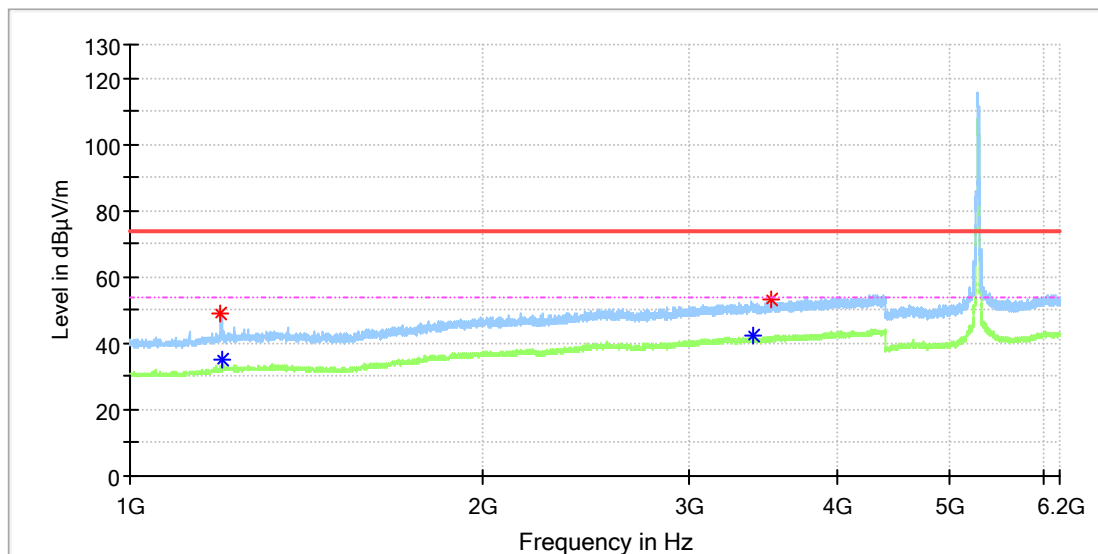
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.822222	---	42.18	54.00	11.82	100.0	V	286.0	13.3
5354.000000	59.57	---	74.00	14.43	100.0	V	346.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

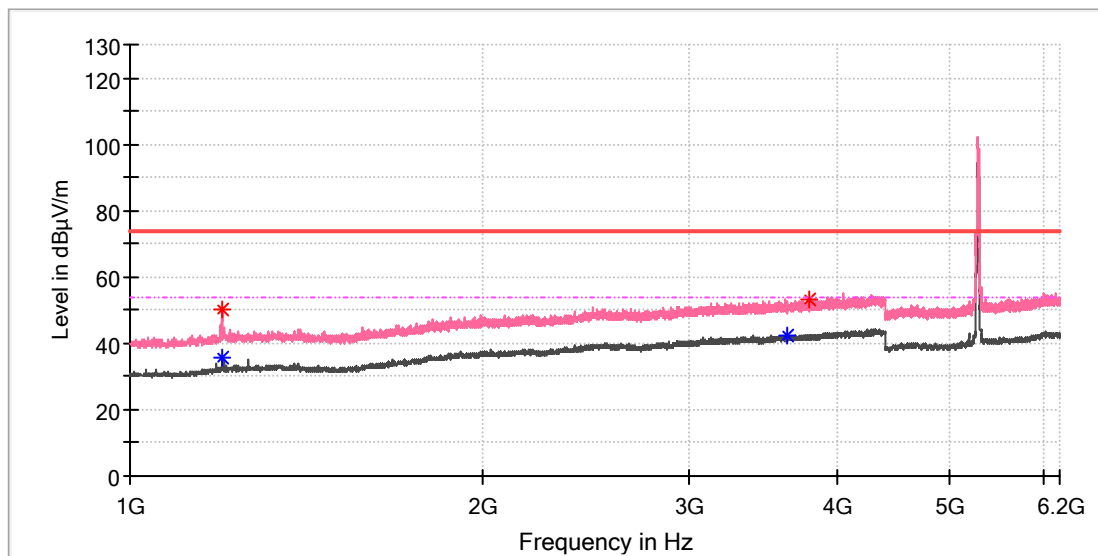
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	49.18	---	74.00	24.82	100.0	H	232.0	1.1
1196.500000	---	34.89	54.00	19.11	100.0	H	232.0	1.1
3395.500000	---	42.06	54.00	11.94	100.0	H	105.0	8.7
3520.000000	53.39	---	74.00	20.61	100.0	H	178.0	9.1

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

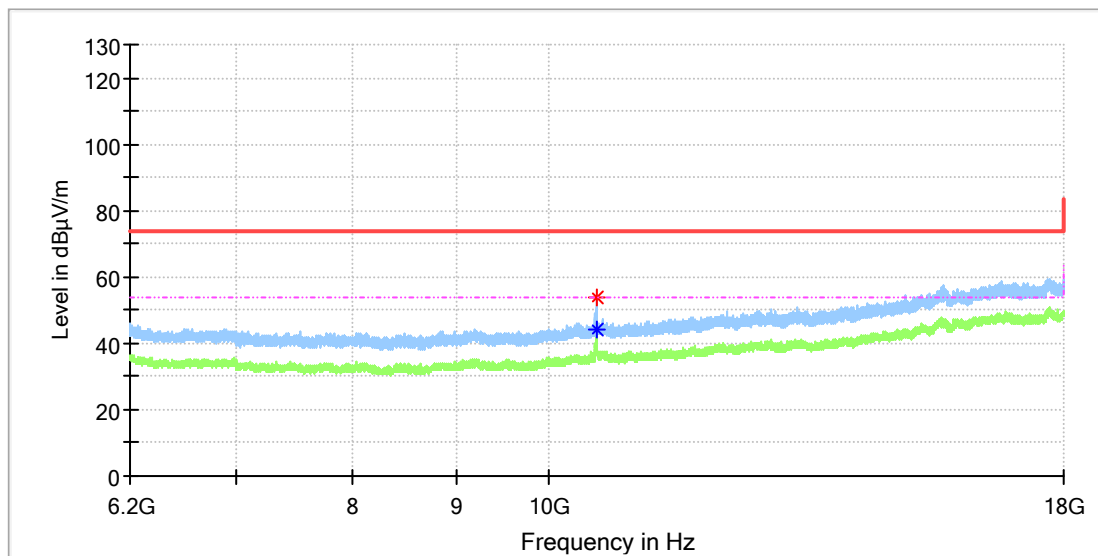
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.500000	50.25	---	74.00	23.75	100.0	V	54.0	1.1
1198.500000	---	35.86	54.00	18.14	100.0	V	54.0	1.1
3633.500000	---	42.52	54.00	11.48	100.0	V	262.0	9.4
3789.500000	53.36	---	74.00	20.64	100.0	V	17.0	9.8

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

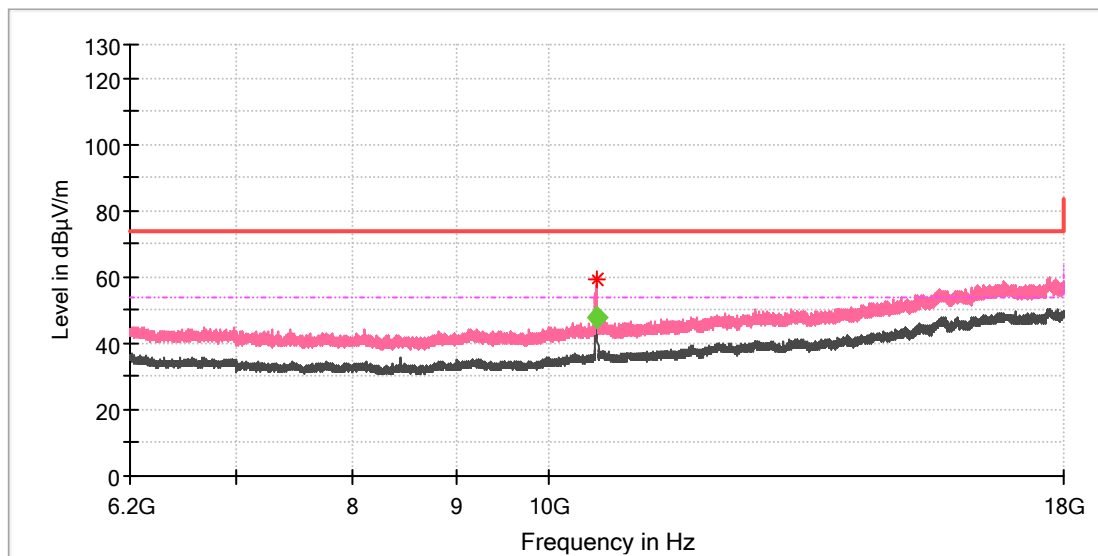
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10561.083333	53.52	---	74.00	20.48	100.0	H	308.0	12.0
10561.083333	---	44.19	54.00	9.81	100.0	H	308.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch56
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

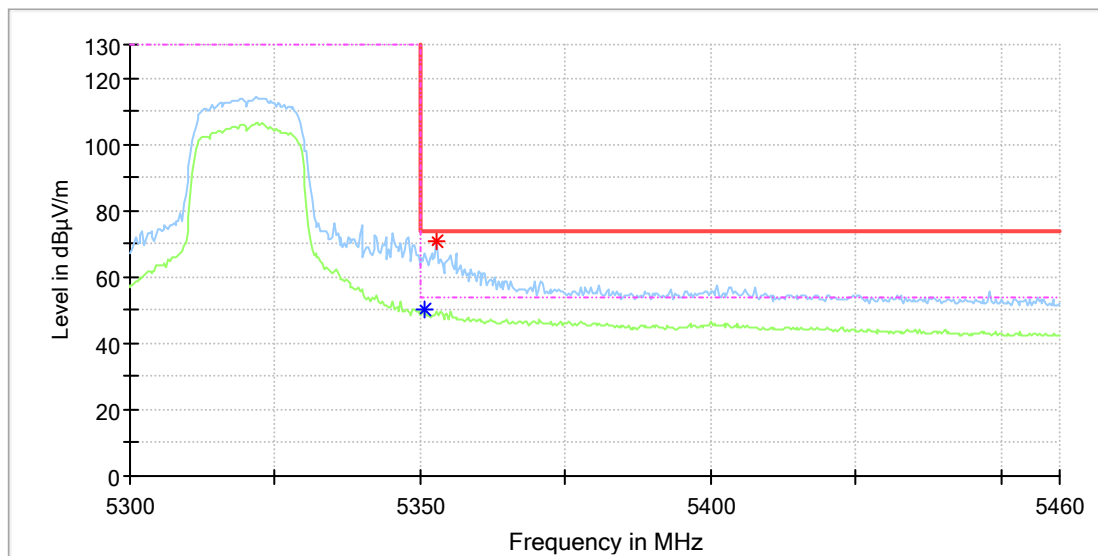
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10564.033333	59.20	---	74.00	14.80	100.0	V	178.0	12.0

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10561.445417	48.02	54.00	5.98	100.0	V	49.0	12.0

EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch64
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

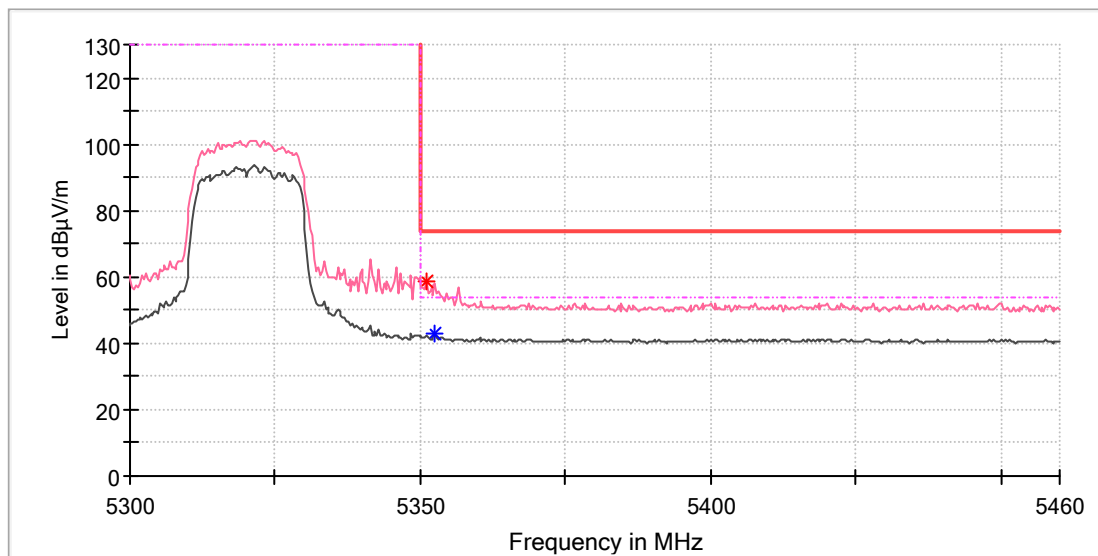
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.822222	70.86	---	74.00	3.14	100.0	H	221.0	13.3
5350.761111	---	50.18	54.00	3.82	100.0	H	241.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n20_Ch64
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

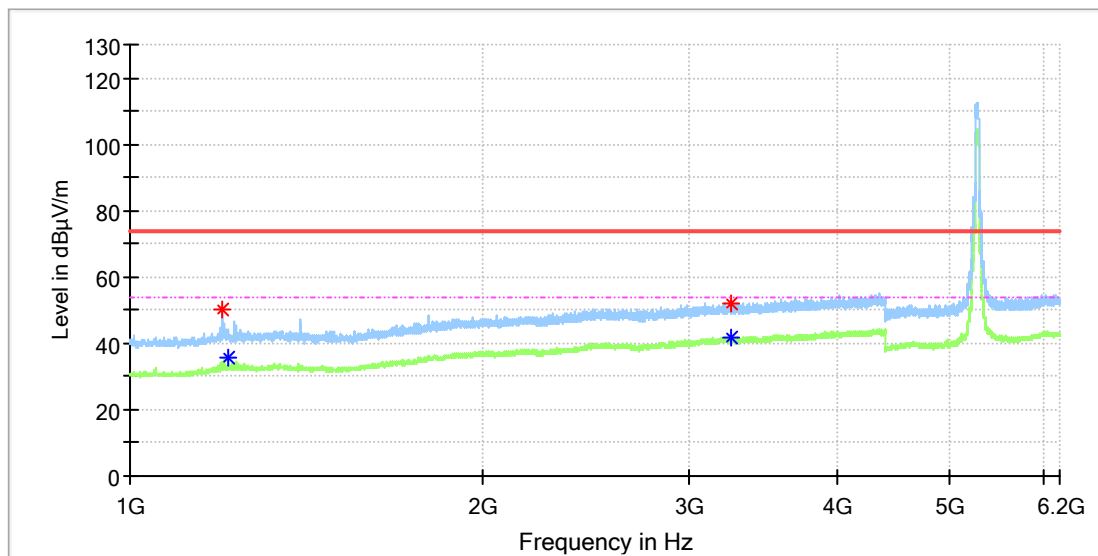
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.055556	58.57	---	74.00	15.43	100.0	V	77.0	13.3
5352.527778	---	42.87	54.00	11.13	100.0	V	260.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

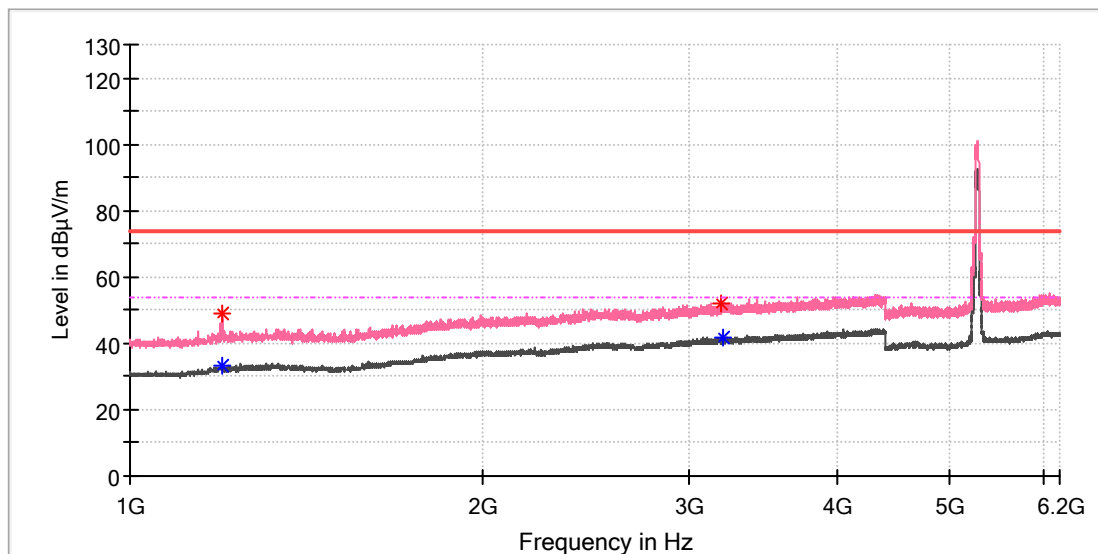
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.000000	50.42	---	74.00	23.58	100.0	H	228.0	1.1
1214.000000	---	35.47	54.00	18.53	100.0	H	236.0	1.3
3247.000000	52.24	---	74.00	21.76	100.0	H	303.0	8.5
3256.000000	---	41.84	54.00	12.16	100.0	H	0.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

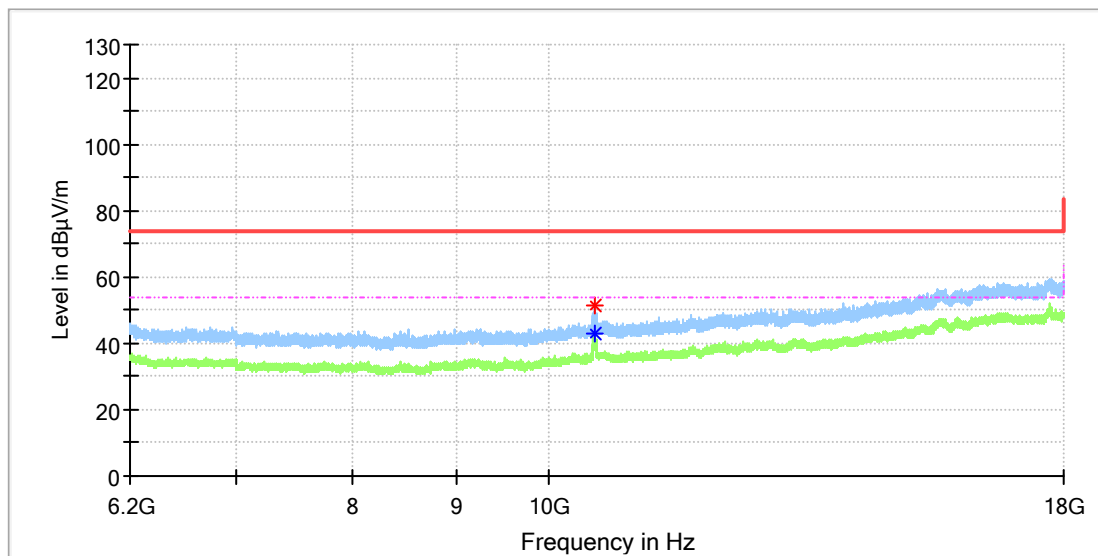
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	---	33.53	54.00	20.47	100.0	V	65.0	1.1
1199.500000	49.24	---	74.00	24.76	100.0	V	124.0	1.1
3192.500000	52.14	---	74.00	21.86	100.0	V	347.0	8.6
3201.000000	---	41.65	54.00	12.35	100.0	V	0.0	8.6

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

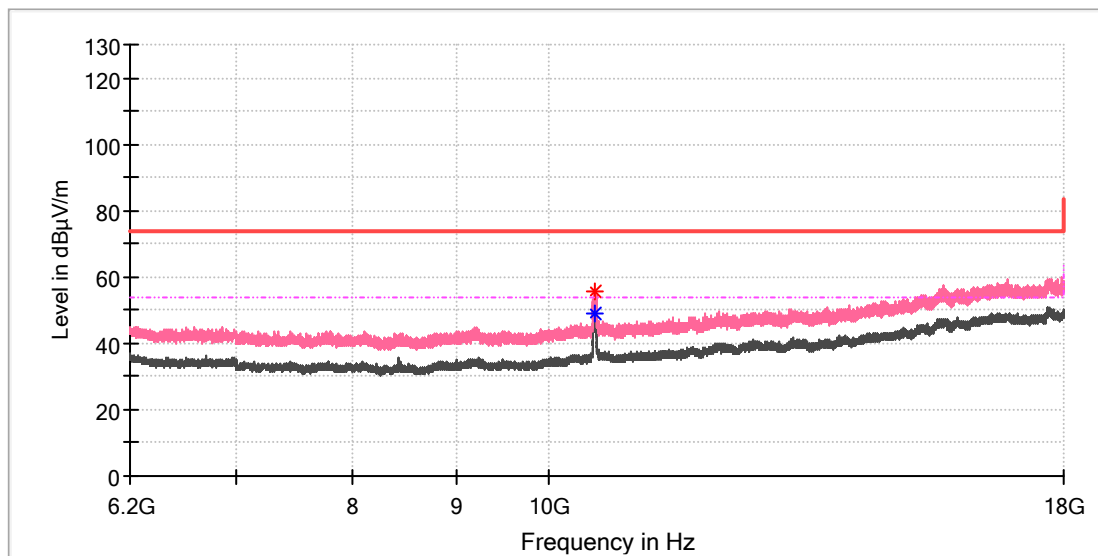
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10538.958333	51.41	---	74.00	22.59	100.0	H	84.0	12.0
10544.366667	---	43.03	54.00	10.97	100.0	H	97.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Remote controlled colour TV
Model:	32FHA570
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168444521
Test Voltage::	AC 120V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10544.366667	---	48.89	54.00	5.11	100.0	V	27.0	12.0
10544.366667	55.35	---	74.00	18.65	100.0	V	27.0	12.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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