

Appendix B_Radiated Data for 5GHz WIFI:

1.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

Note:

- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (MIMO 802.11ax20-TX Channel 116)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.

Radiated Spurious Emission:

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	52.0251	42.38	-24.00	18.38	40.00	-21.62	peak
2	129.9226	44.78	-25.91	18.87	43.50	-24.63	peak
3	159.7844	49.24	-23.72	25.52	43.50	-17.98	peak
4	234.1684	46.88	-23.19	23.69	46.00	-22.31	peak
5	329.0390	46.56	-24.40	22.16	46.00	-23.84	peak
6 *	750.1083	40.43	-9.66	30.77	46.00	-15.23	peak

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	41.7129	46.72	-23.20	23.52	40.00	-16.48	peak
2	52.2079	45.22	-22.45	22.77	40.00	-17.23	peak
3	65.1145	49.47	-25.64	23.83	40.00	-16.17	peak
4	129.9226	49.74	-25.91	23.83	43.50	-19.67	peak
5	234.1684	49.59	-26.47	23.12	46.00	-22.88	peak
6 *	758.0408	36.91	-6.52	30.39	46.00	-15.61	peak

Above 1GHz:

Note:

- 1.All the modes have been tested. The report only records the worst data, performance in the (Antenna 0_802.11A) mode.
- 2.In frequency ranges 18 ~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.
- 3.We used the filter to test and the main frequency was filtered out.
- 4.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
5. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
6. Margin value = Emission level-Limit value.
- 7.While performing the testing, the notch filter is used for avoiding test instrument overload.

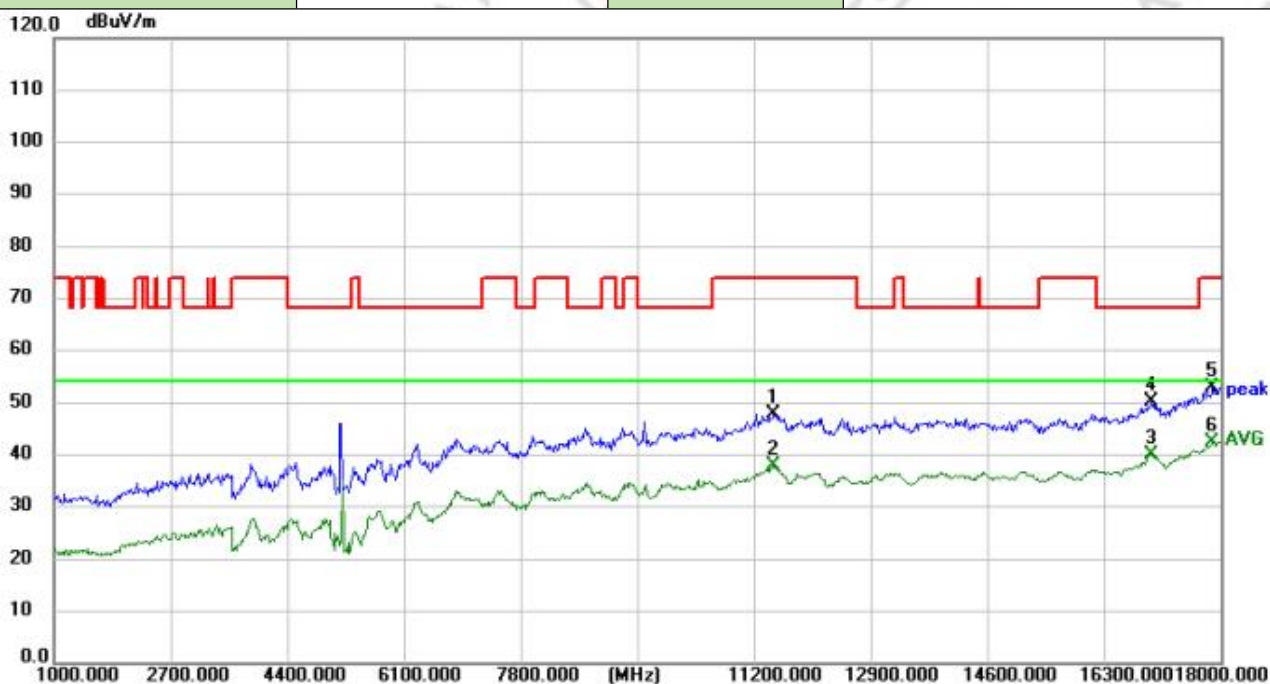
For U-NII-1:

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Test Mode	Antenna 0_802.11a-TX Channel 36



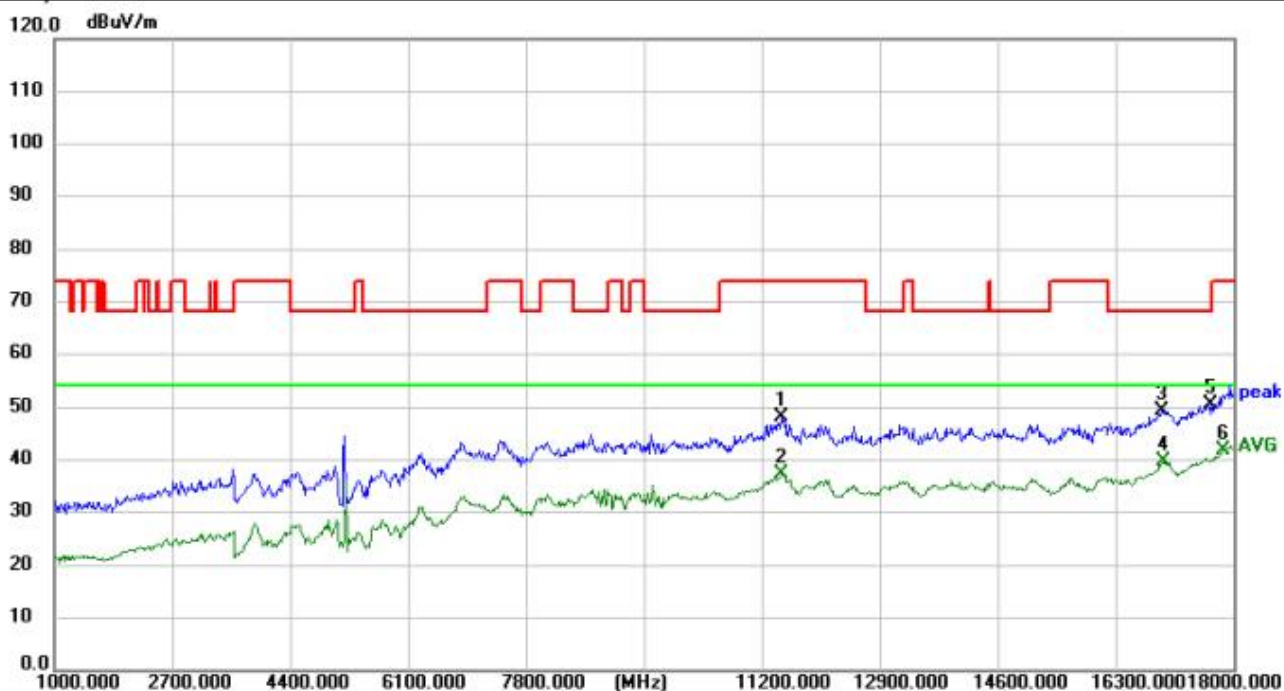
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11472.000	45.80	2.90	48.70	74.00	-25.30	peak
2	11489.000	35.10	2.90	38.00	54.00	-16.00	AVG
3	16963.000	44.33	5.60	49.93	68.20	-18.27	peak
4	16980.000	34.48	5.64	40.12	54.00	-13.88	AVG
5	17762.000	40.61	9.88	50.49	74.00	-23.51	peak
6 *	17881.000	31.43	10.76	42.19	54.00	-11.81	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Test Mode	Antenna 0_802.11a-TX Channel 36



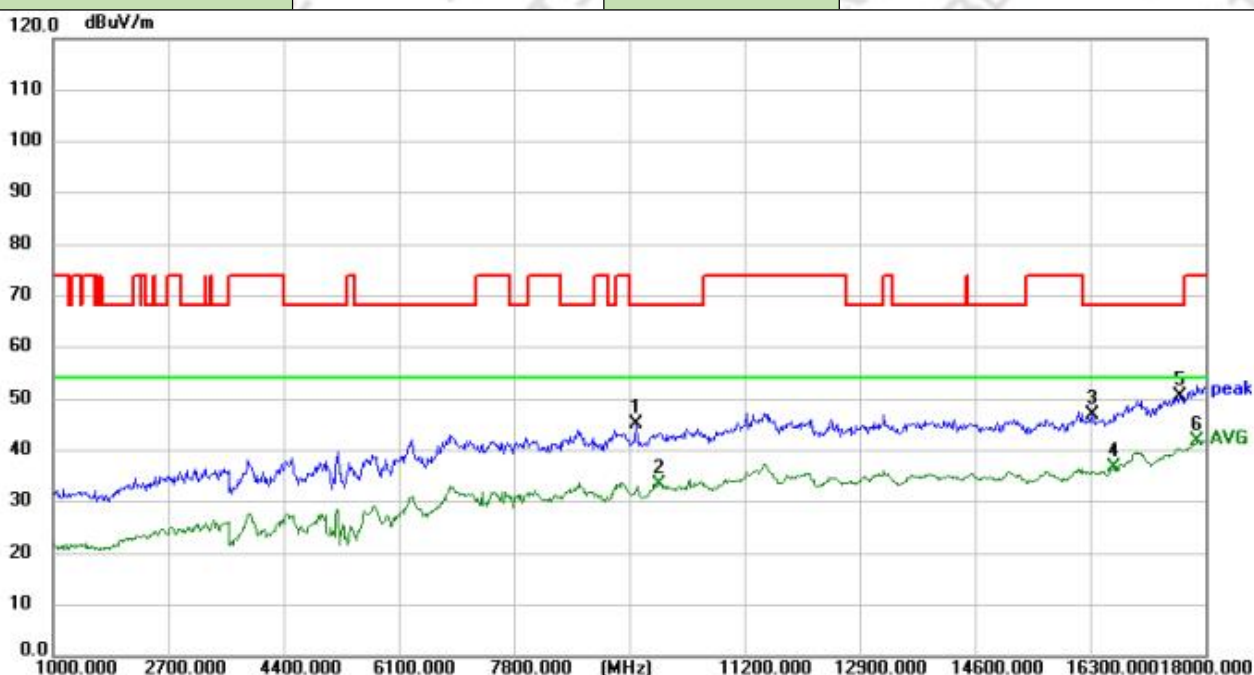
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	44.94	2.90	47.84	74.00	-26.16	peak
2	11489.000	35.02	2.90	37.92	54.00	-16.08	AVG
3	16980.000	34.48	5.64	40.12	54.00	-13.88	AVG
4	16997.000	44.55	5.68	50.23	68.20	-17.97	peak
5	17881.000	42.34	10.76	53.10	74.00	-20.90	peak
6 *	17881.000	31.70	10.76	42.46	54.00	-11.54	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 40



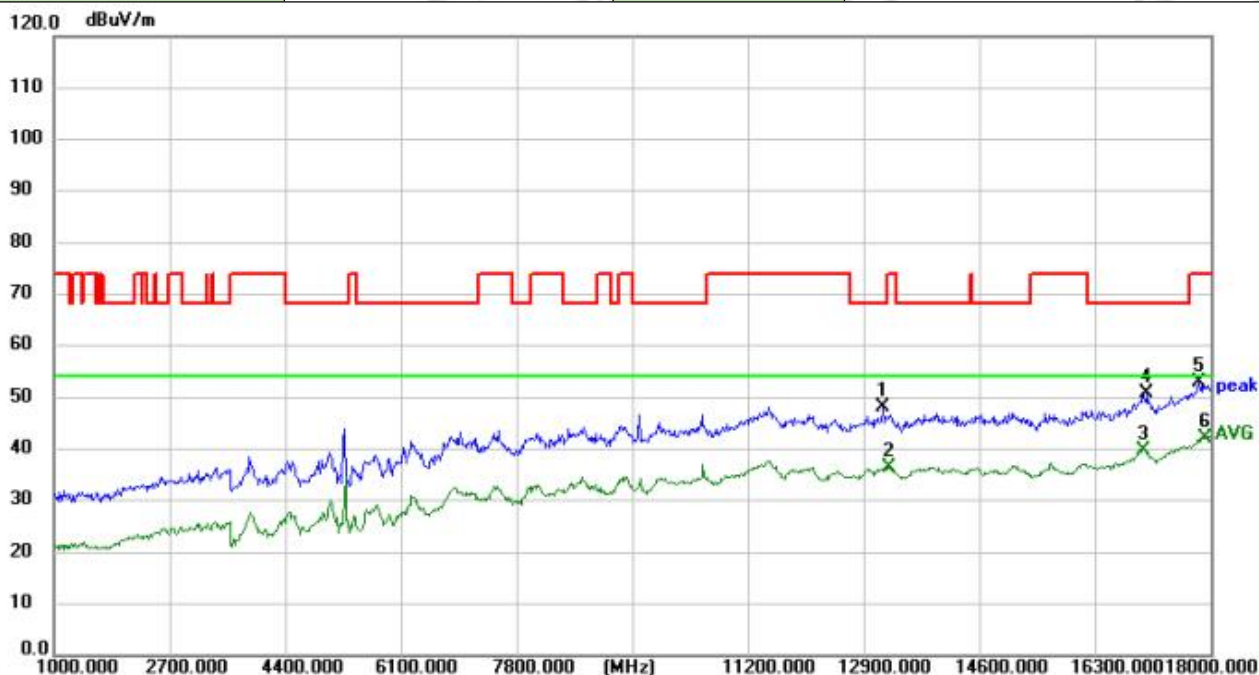
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11472.000	45.30	2.90	48.20	74.00	-25.80	peak
2	11489.000	34.60	2.90	37.50	54.00	-16.50	AVG
3	16963.000	43.83	5.60	49.43	68.20	-18.77	peak
4	16980.000	33.98	5.64	39.62	54.00	-14.38	AVG
5	17660.000	41.65	8.93	50.58	68.20	-17.62	peak
6 *	17847.000	31.30	10.55	41.85	54.00	-12.15	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 40



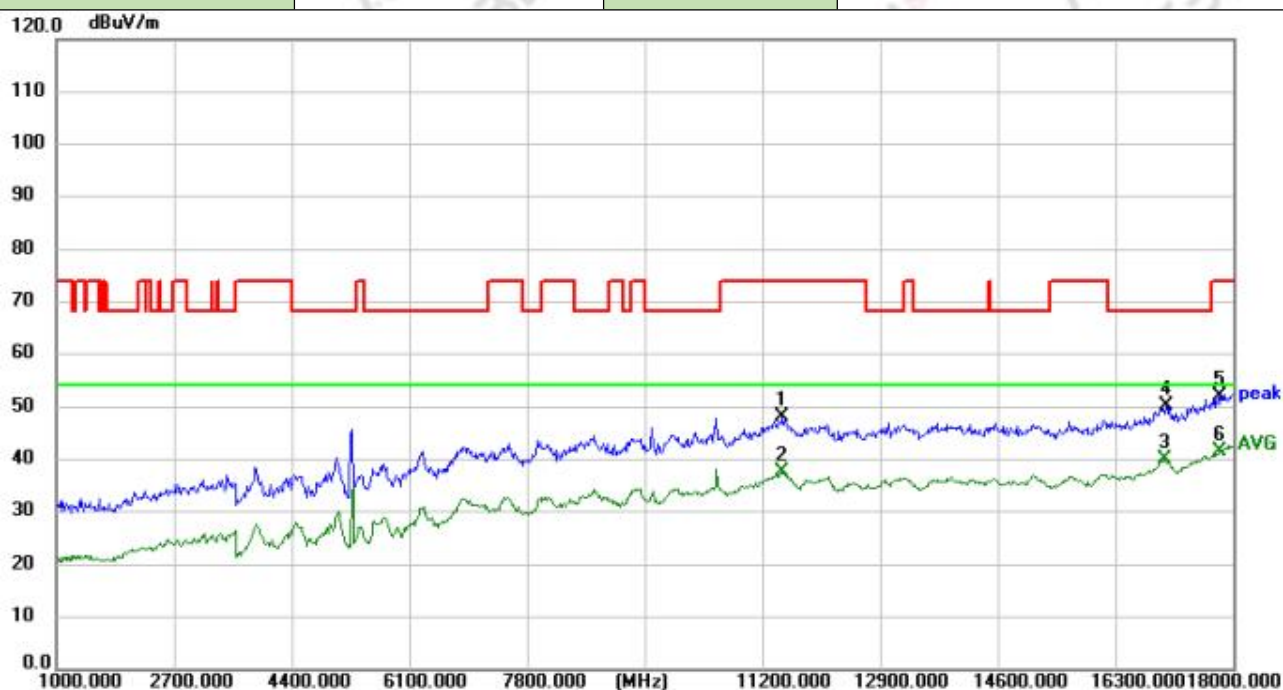
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	9602.000	44.94	0.32	45.26	68.20	-22.94	peak
2	9942.000	32.83	0.71	33.54	54.00	-20.46	AVG
3	16334.000	43.15	3.69	46.84	68.20	-21.36	peak
4	16657.000	32.25	4.59	36.84	54.00	-17.16	AVG
5	17626.000	41.87	8.65	50.52	68.20	-17.68	peak
6 *	17881.000	31.20	10.76	41.96	54.00	-12.04	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	13189.000	44.65	3.46	48.11	68.20	-20.09	peak
2	13274.000	33.08	3.41	36.49	54.00	-17.51	AVG
3	17014.000	34.17	5.73	39.90	54.00	-14.10	AVG
4	17065.000	45.00	5.89	50.89	68.20	-17.31	peak
5	17830.000	42.65	10.45	53.10	74.00	-20.90	peak
6 *	17915.000	31.32	10.97	42.29	54.00	-11.71	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.11	2.90	48.01	74.00	-25.99	peak
2	11489.000	34.70	2.90	37.60	54.00	-16.40	AVG
3	17014.000	34.32	5.73	40.05	54.00	-13.95	AVG
4	17031.000	44.36	5.78	50.14	68.20	-18.06	peak
5	17796.000	41.93	10.22	52.15	74.00	-21.85	peak
6 *	17813.000	31.27	10.35	41.62	54.00	-12.38	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 149



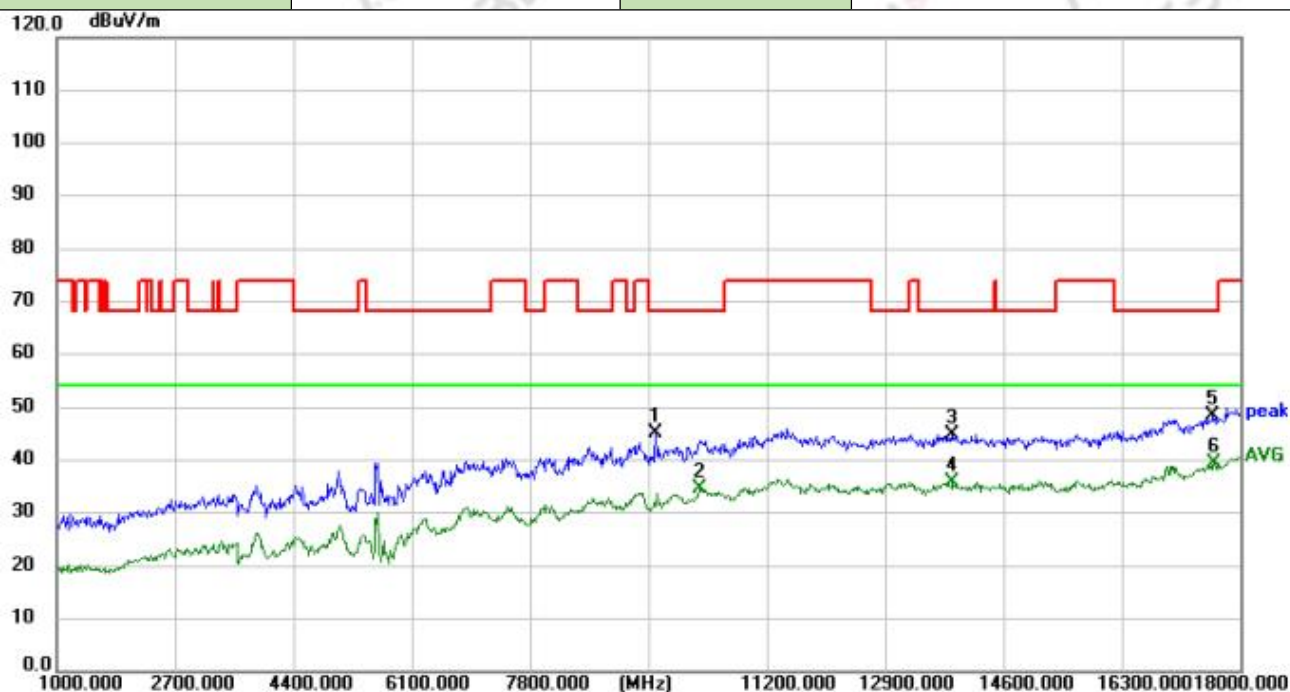
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.09	2.90	47.99	74.00	-26.01	peak
2	11506.000	35.17	2.90	38.07	54.00	-15.93	AVG
3	16980.000	34.50	5.64	40.14	54.00	-13.86	AVG
4	17048.000	45.49	5.84	51.33	68.20	-16.87	peak
5	17847.000	42.09	10.55	52.64	74.00	-21.36	peak
6 *	17898.000	31.66	10.86	42.52	54.00	-11.48	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 149



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	13104.000	43.55	3.43	46.98	68.20	-21.22	peak
2	13189.000	33.09	3.46	36.55	54.00	-17.45	AVG
3	16929.000	44.36	5.52	49.88	68.20	-18.32	peak
4	16997.000	34.49	5.68	40.17	54.00	-13.83	AVG
5	17609.000	42.39	8.52	50.91	68.20	-17.29	peak
6 *	17728.000	31.21	9.54	40.75	54.00	-13.25	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 157



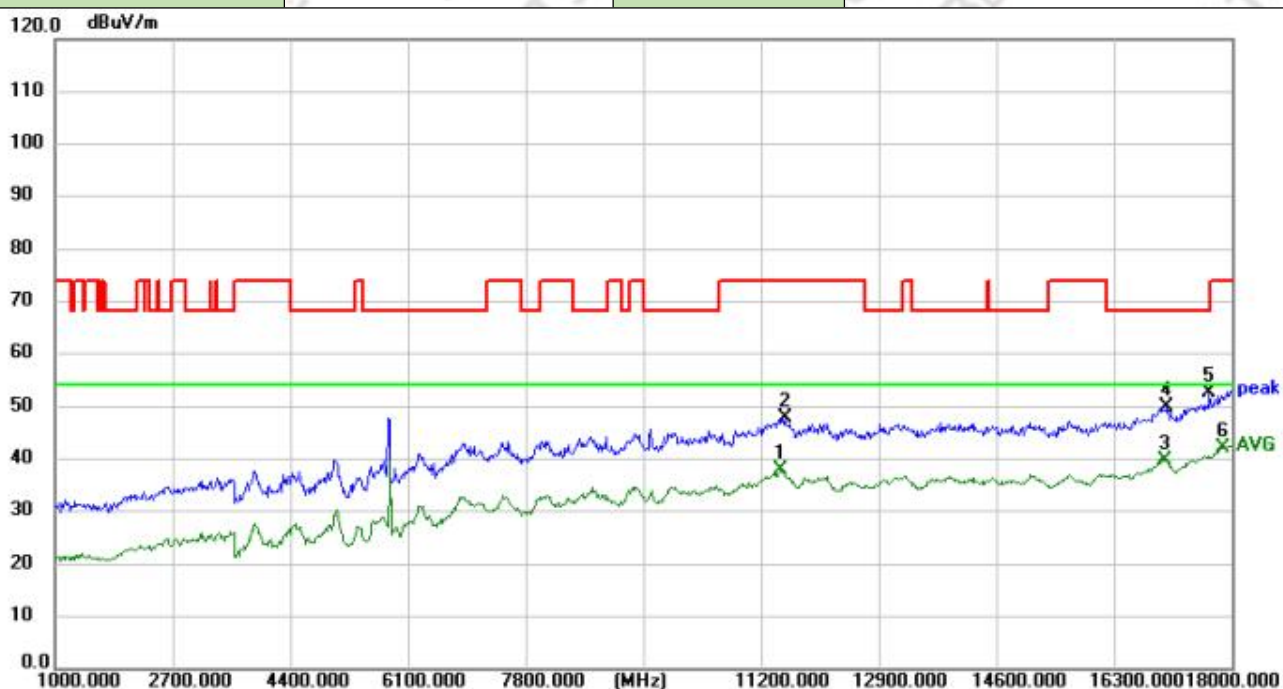
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	9602.000	44.77	0.32	45.09	68.20	-23.11	peak
2	10231.000	33.47	1.26	34.73	54.00	-19.27	AVG
3	13852.000	41.26	3.71	44.97	68.20	-23.23	peak
4	13869.000	32.04	3.73	35.77	54.00	-18.23	AVG
5	17609.000	39.87	8.52	48.39	68.20	-19.81	peak
6 *	17626.000	30.76	8.65	39.41	54.00	-14.59	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 157



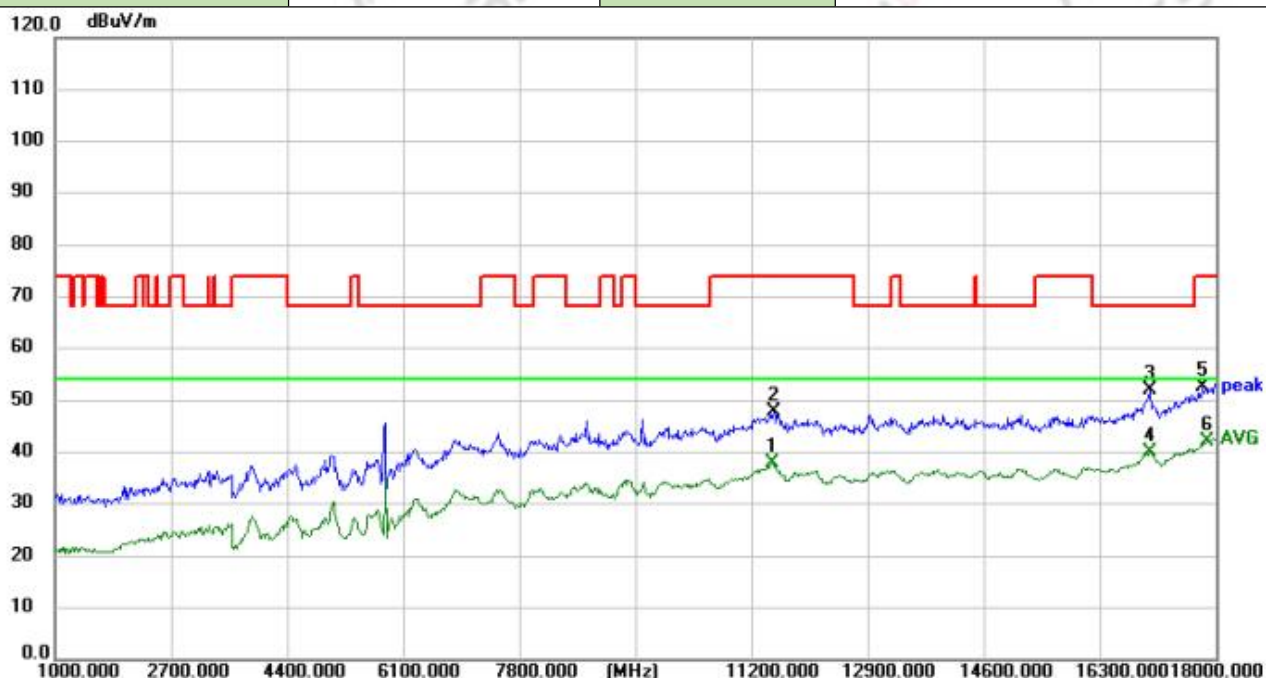
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	9602.000	42.91	0.32	43.23	68.20	-24.97	peak
2	9619.000	30.70	0.34	31.04	54.00	-22.96	AVG
3	13597.000	40.32	3.43	43.75	68.20	-24.45	peak
4	13750.000	30.06	3.60	33.66	54.00	-20.34	AVG
5	17660.000	38.89	8.93	47.82	68.20	-20.38	peak
6 *	17728.000	28.91	9.54	38.45	54.00	-15.55	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 165



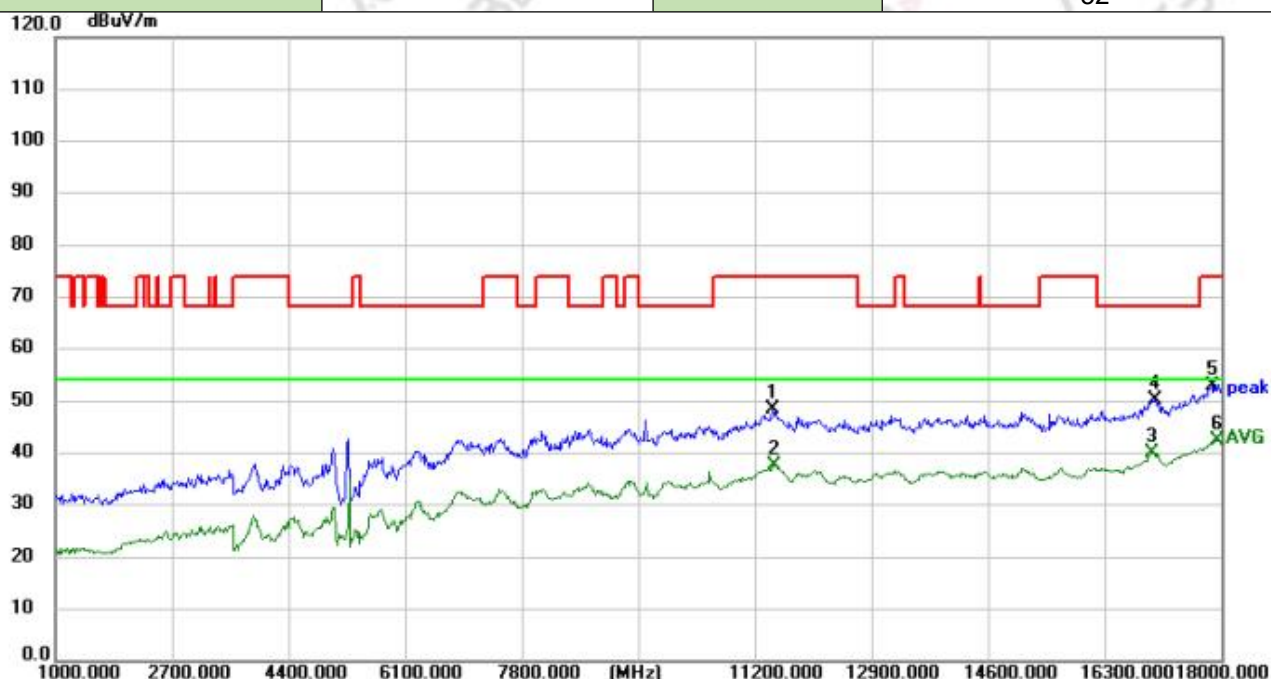
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	34.98	2.90	37.88	54.00	-16.12	AVG
2	11540.000	44.90	2.90	47.80	74.00	-26.20	peak
3	17031.000	34.05	5.78	39.83	54.00	-14.17	AVG
4	17065.000	44.07	5.89	49.96	68.20	-18.24	peak
5	17677.000	43.68	9.07	52.75	68.20	-15.45	peak
6 *	17881.000	31.50	10.76	42.26	54.00	-11.74	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 165



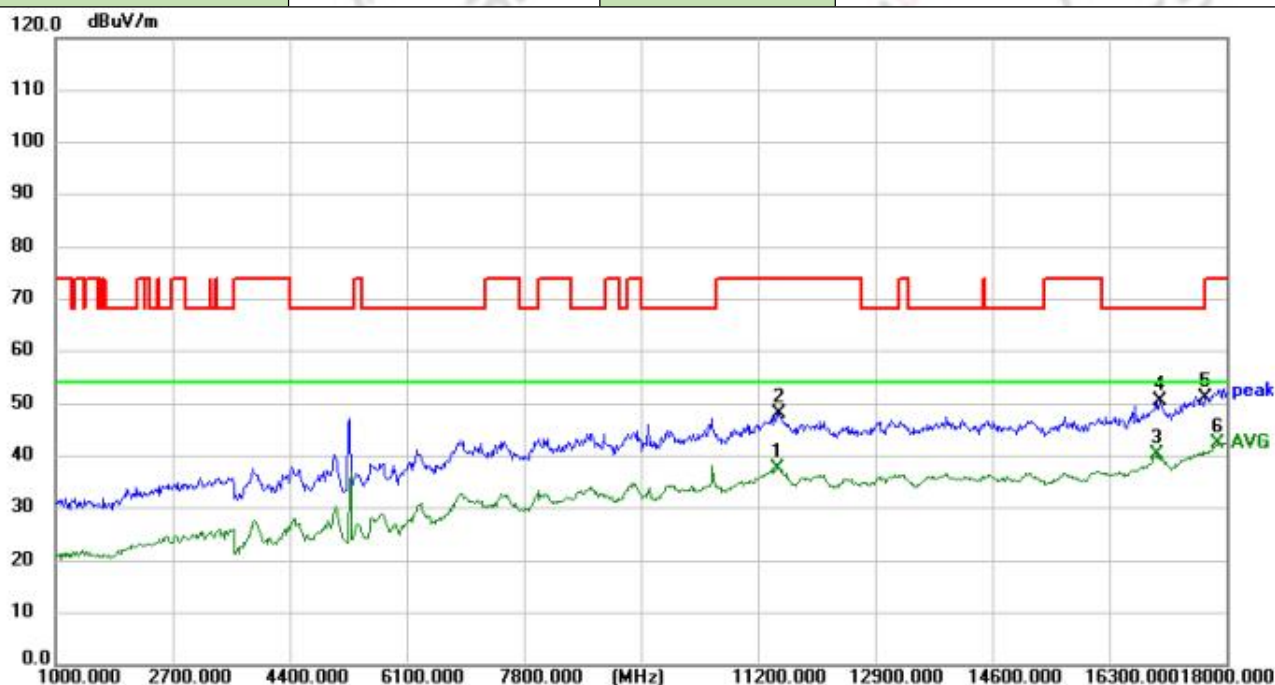
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11506.000	35.07	2.90	37.97	54.00	-16.03	AVG
2	11523.000	44.91	2.91	47.82	74.00	-26.18	peak
3	17031.000	46.20	5.78	51.98	68.20	-16.22	peak
4	17031.000	34.26	5.78	40.04	54.00	-13.96	AVG
5	17796.000	42.50	10.22	52.72	74.00	-21.28	peak
6 *	17864.000	31.56	10.66	42.22	54.00	-11.78	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 52



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11455.000	45.55	2.90	48.45	74.00	-25.55	peak
2	11489.000	34.85	2.90	37.75	54.00	-16.25	AVG
3	16980.000	34.48	5.64	40.12	54.00	-13.88	AVG
4	17031.000	44.54	5.78	50.32	68.20	-17.88	peak
5	17864.000	42.21	10.66	52.87	74.00	-21.13	peak
6 *	17949.000	31.26	11.18	42.44	54.00	-11.56	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 52



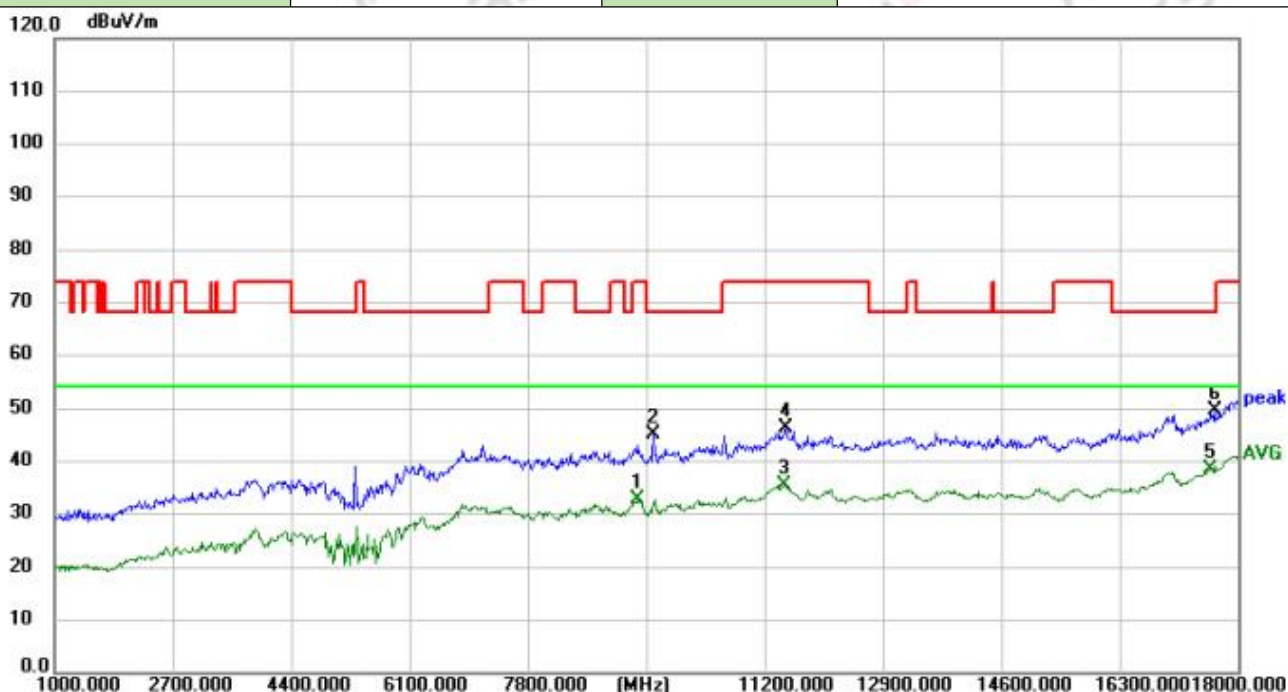
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11472.000	34.71	2.90	37.61	54.00	-16.39	AVG
2	11506.000	45.27	2.90	48.17	74.00	-25.83	peak
3	16997.000	34.54	5.68	40.22	54.00	-13.78	AVG
4	17031.000	44.86	5.78	50.64	68.20	-17.56	peak
5	17694.000	42.00	9.21	51.21	68.20	-16.99	peak
6 *	17881.000	31.59	10.76	42.35	54.00	-11.65	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 60



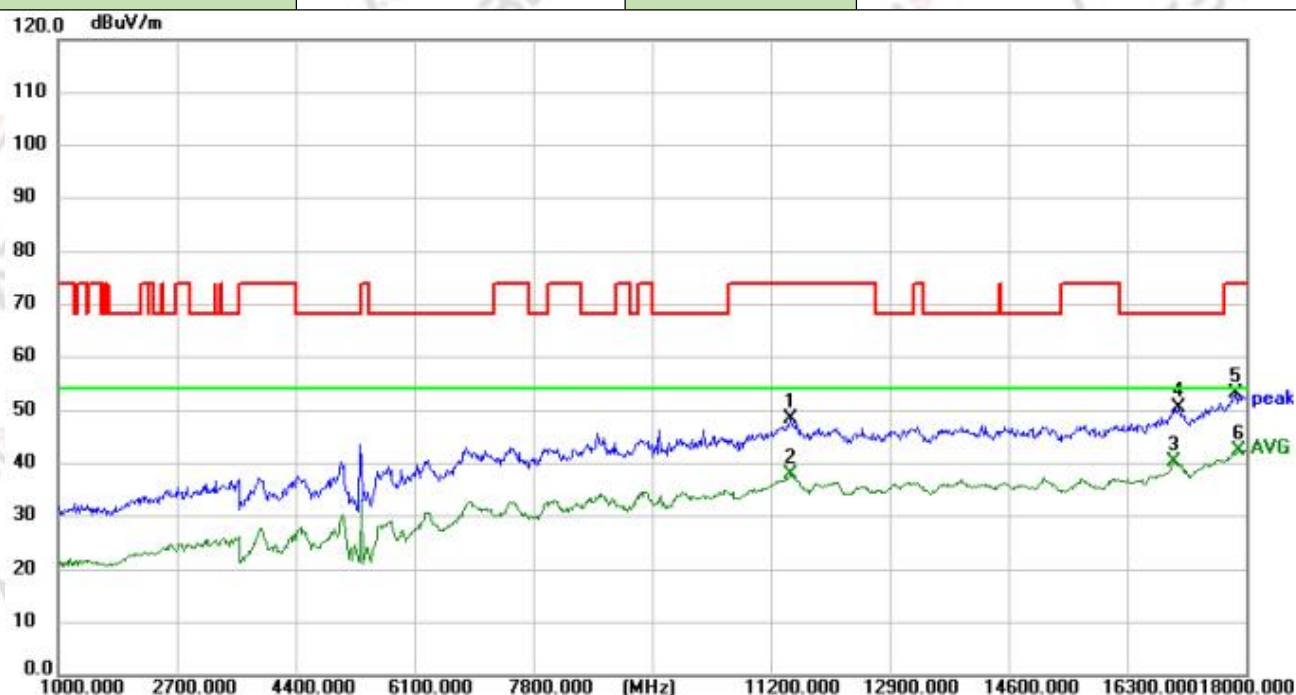
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11336.000	32.03	2.90	34.93	54.00	-19.07	AVG
2	11370.000	41.15	2.89	44.04	74.00	-29.96	peak
3	16946.000	41.16	5.56	46.72	68.20	-21.48	peak
4	17082.000	31.38	5.94	37.32	54.00	-16.68	AVG
5	17660.000	37.25	8.93	46.18	68.20	-22.02	peak
6 *	17847.000	29.50	10.55	40.05	54.00	-13.95	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 60



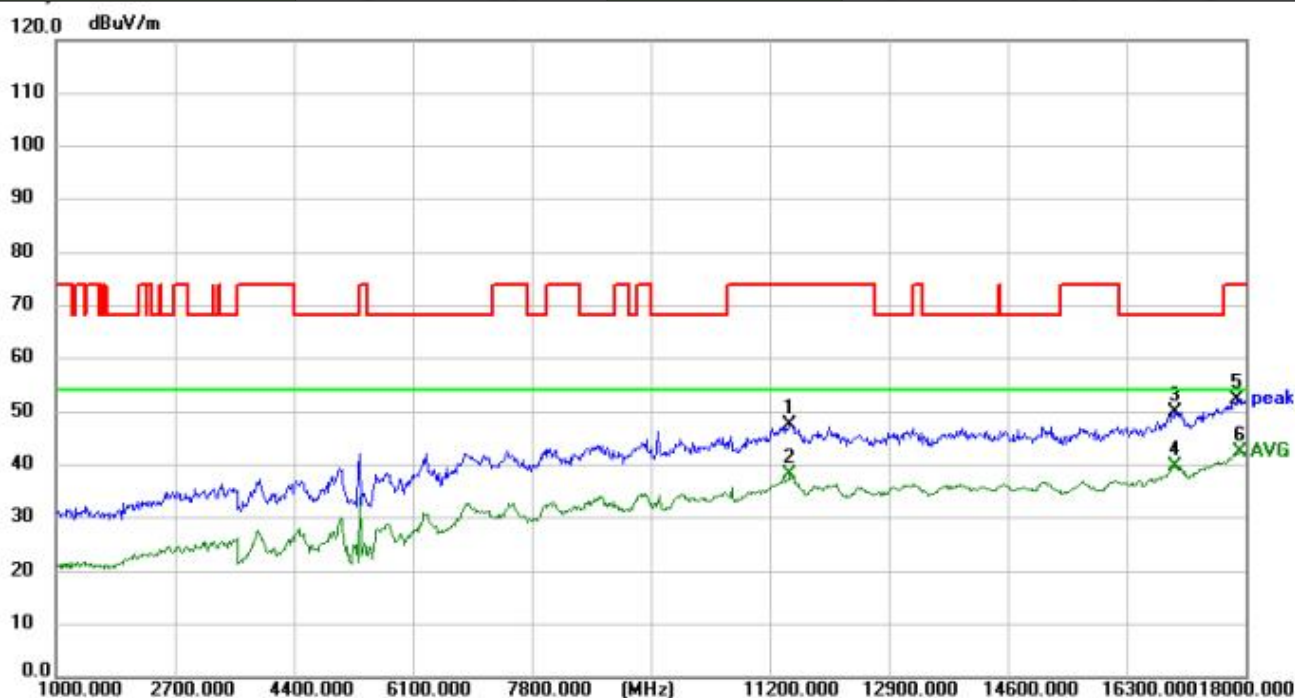
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	9381.000	32.77	0.23	33.00	54.00	-21.00	AVG
2	9602.000	44.94	0.32	45.26	68.20	-22.94	peak
3	11472.000	32.63	2.90	35.53	54.00	-18.47	AVG
4	11506.000	43.40	2.90	46.30	74.00	-27.70	peak
5 *	17609.000	30.17	8.52	38.69	54.00	-15.31	AVG
6	17660.000	40.76	8.93	49.69	68.20	-18.51	peak

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 64



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.63	2.90	48.53	74.00	-25.47	peak
2	11489.000	34.92	2.90	37.82	54.00	-16.18	AVG
3	16963.000	34.70	5.60	40.30	54.00	-13.70	AVG
4	17031.000	44.69	5.78	50.47	68.20	-17.73	peak
5	17847.000	42.63	10.55	53.18	74.00	-20.82	peak
6 *	17898.000	31.47	10.86	42.33	54.00	-11.67	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 64



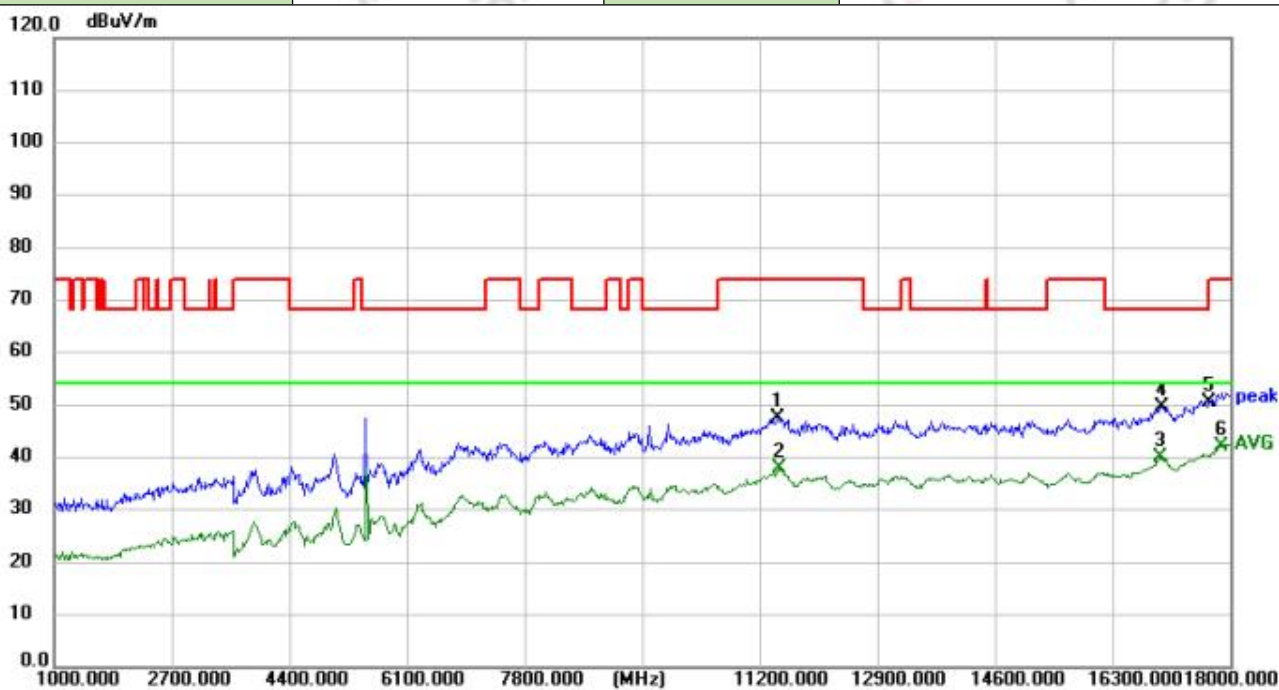
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11472.000	44.62	2.90	47.52	74.00	-26.48	peak
2	11489.000	35.25	2.90	38.15	54.00	-15.85	AVG
3	16997.000	44.34	5.68	50.02	68.20	-18.18	peak
4	16997.000	34.08	5.68	39.76	54.00	-14.24	AVG
5	17864.000	41.76	10.66	52.42	74.00	-21.58	peak
6 *	17915.000	31.51	10.97	42.48	54.00	-11.52	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 100



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.72	2.90	48.62	74.00	-25.38	peak
2	11489.000	35.13	2.90	38.03	54.00	-15.97	AVG
3	16963.000	45.04	5.60	50.64	68.20	-17.56	peak
4	16980.000	34.55	5.64	40.19	54.00	-13.81	AVG
5 *	17881.000	31.91	10.76	42.67	54.00	-11.33	AVG
6	17932.000	41.85	11.08	52.93	74.00	-21.07	peak

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 100



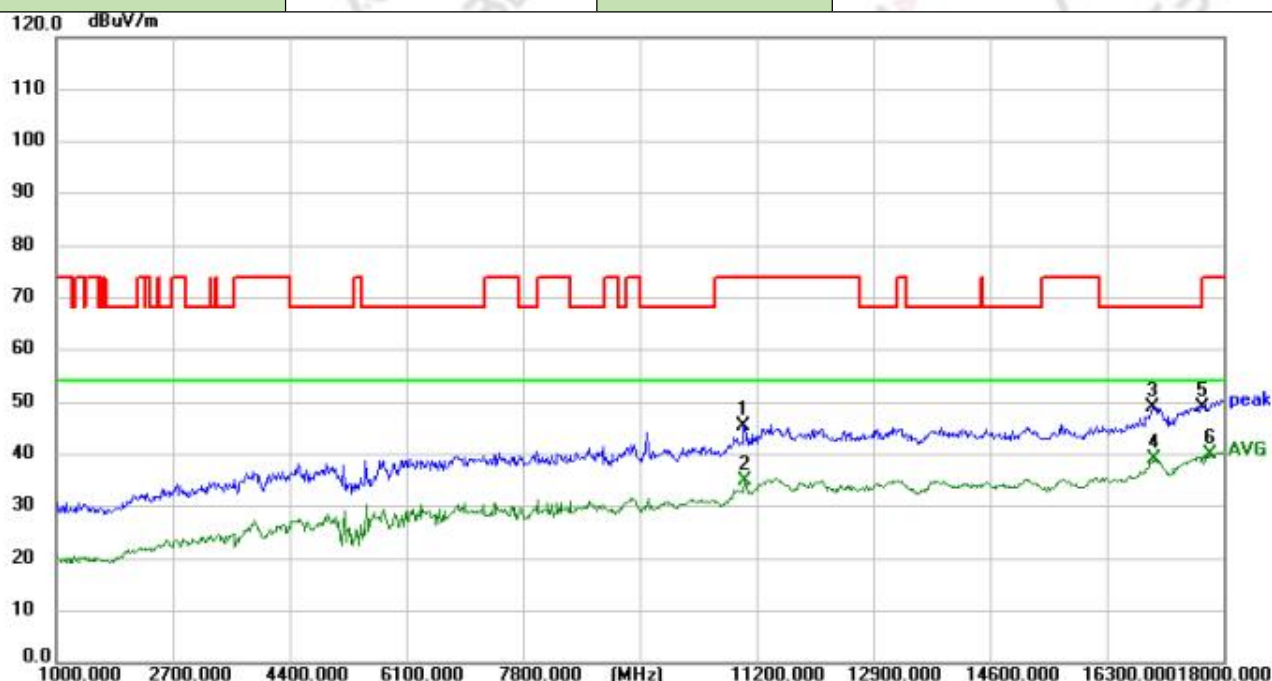
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11455.000	44.69	2.90	47.59	74.00	-26.41	peak
2	11472.000	35.00	2.90	37.90	54.00	-16.10	AVG
3	16980.000	34.50	5.64	40.14	54.00	-13.86	AVG
4	17014.000	43.88	5.73	49.61	68.20	-18.59	peak
5	17694.000	41.46	9.21	50.67	68.20	-17.53	peak
6 *	17864.000	31.57	10.66	42.23	54.00	-11.77	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 116



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	9602.000	43.74	0.32	44.06	68.20	-24.14	peak
2	9619.000	32.01	0.34	32.35	54.00	-21.65	AVG
3	14430.000	39.61	4.16	43.77	68.20	-24.43	peak
4	14566.000	29.61	4.07	33.68	54.00	-20.32	AVG
5	17575.000	39.42	8.24	47.66	68.20	-20.54	peak
6 *	17915.000	28.38	10.97	39.35	54.00	-14.65	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 116



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11013.000	42.64	2.81	45.45	74.00	-28.55	peak
2	11030.000	32.14	2.81	34.95	54.00	-19.05	AVG
3	16963.000	43.55	5.60	49.15	68.20	-19.05	peak
4	16980.000	33.38	5.64	39.02	54.00	-14.98	AVG
5	17694.000	39.86	9.21	49.07	68.20	-19.13	peak
6 *	17796.000	29.90	10.22	40.12	54.00	-13.88	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	Antenna 0_802.11a-TX Channel 140



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.93	2.90	48.83	74.00	-25.17	peak
2	11489.000	34.86	2.90	37.76	54.00	-16.24	AVG
3	16963.000	34.38	5.60	39.98	54.00	-14.02	AVG
4	17048.000	44.67	5.84	50.51	68.20	-17.69	peak
5	17694.000	41.47	9.21	50.68	68.20	-17.52	peak
6 *	17847.000	31.76	10.55	42.31	54.00	-11.69	AVG

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	Antenna 0_802.11a-TX Channel 140



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.000	45.76	2.90	48.66	74.00	-25.34	peak
2	11489.000	35.08	2.90	37.98	54.00	-16.02	AVG
3	16980.000	34.92	5.64	40.56	54.00	-13.44	AVG
4	16997.000	44.77	5.68	50.45	68.20	-17.75	peak
5	17847.000	42.42	10.55	52.97	74.00	-21.03	peak
6 *	17915.000	31.63	10.97	42.60	54.00	-11.40	AVG

18GHz~40GHz

Note:

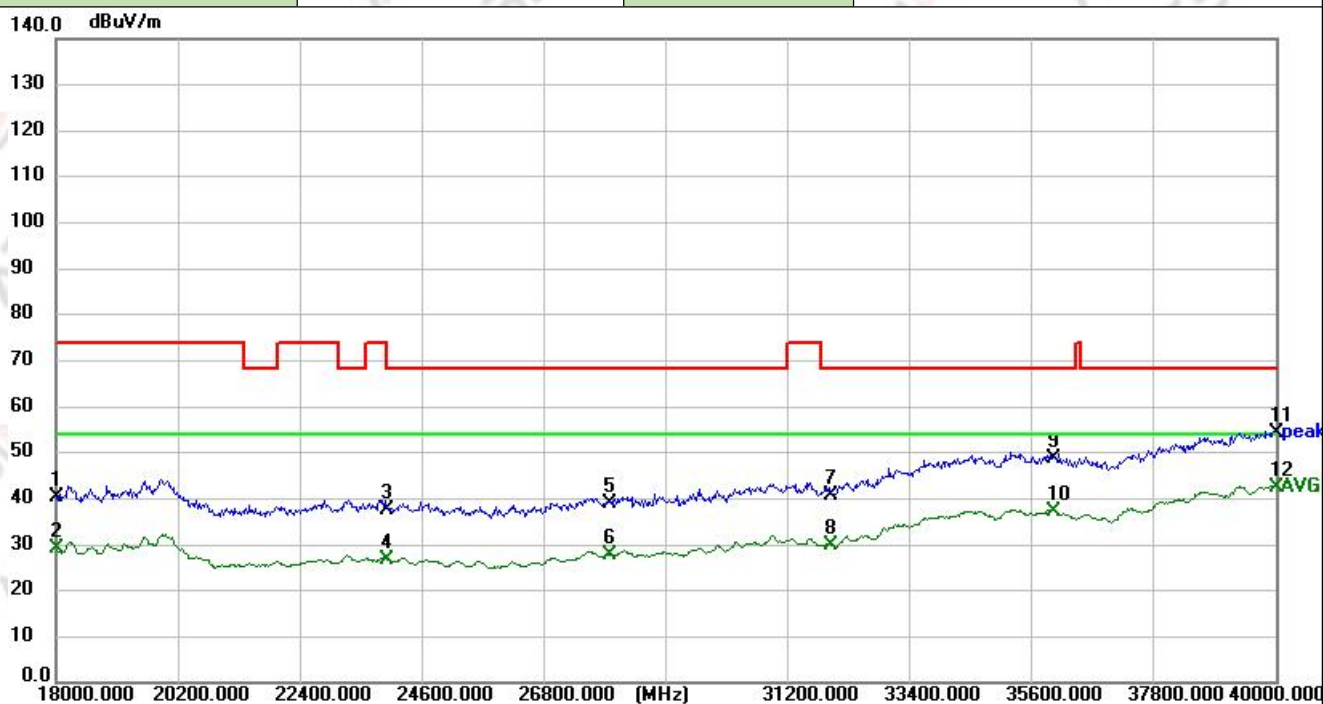
All modes have been tested, only worst (MIMO 802.11ax20-TX Channel 116)mode was recorded in the test report.

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	18000.000	41.48	-0.55	40.93	74.00	-33.07	peak
2	18000.000	29.81	-0.55	29.26	54.00	-24.74	AVG
3	24000.000	39.94	-1.65	38.29	68.20	-29.91	peak
4	24000.000	28.63	-1.65	26.98	54.00	-27.02	AVG
5	28000.000	39.66	-1.52	38.14	68.20	-30.06	peak
6	28000.000	29.02	-1.52	27.50	54.00	-26.50	AVG
7	32000.000	40.80	0.84	41.64	68.20	-26.56	peak
8	32000.000	29.61	0.84	30.45	54.00	-23.55	AVG
9	36000.000	44.10	5.45	49.55	68.20	-18.65	peak
10	36000.000	32.19	5.45	37.64	54.00	-16.36	AVG
11	40000.000	46.95	7.38	54.33	68.20	-13.87	peak
12	40000.000	35.26	7.38	42.64	54.00	-11.36	AVG
*							

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	18000.000	41.30	-0.85	40.45	74.00	-33.55	peak
2	18000.000	29.89	-0.85	29.04	54.00	-24.96	AVG
3	24000.000	39.75	-2.05	37.70	68.20	-30.50	peak
4	24000.000	28.59	-2.05	26.54	54.00	-27.46	AVG
5	28000.000	40.27	-1.22	39.05	68.20	-29.15	peak
6	28000.000	28.95	-1.22	27.73	54.00	-26.27	AVG
7	32000.000	40.60	0.24	40.84	68.20	-27.36	peak
8	32000.000	29.59	0.24	29.83	54.00	-24.17	AVG
9	36000.000	43.80	5.05	48.85	68.20	-19.35	peak
10	36000.000	32.15	5.05	37.20	54.00	-16.80	AVG
11	40000.000	47.21	7.18	54.39	68.20	-13.81	peak
12	40000.000	35.28	7.18	42.46	54.00	-11.54	AVG
*							

Restricted Band:

Test Result of Restricted Band

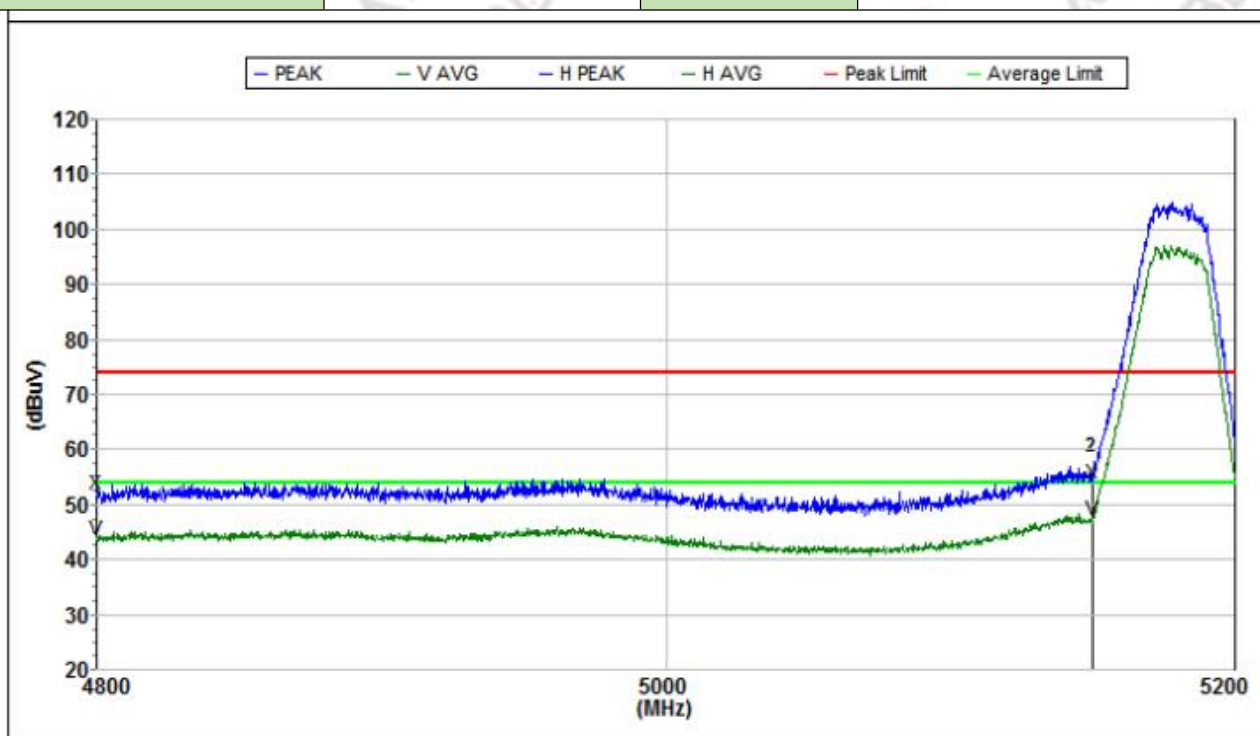
Note:

1.Only the worst MIMO 802.11ax data is represented in the report.

2.Margin=Level-Limit=Reading+factor-Limit

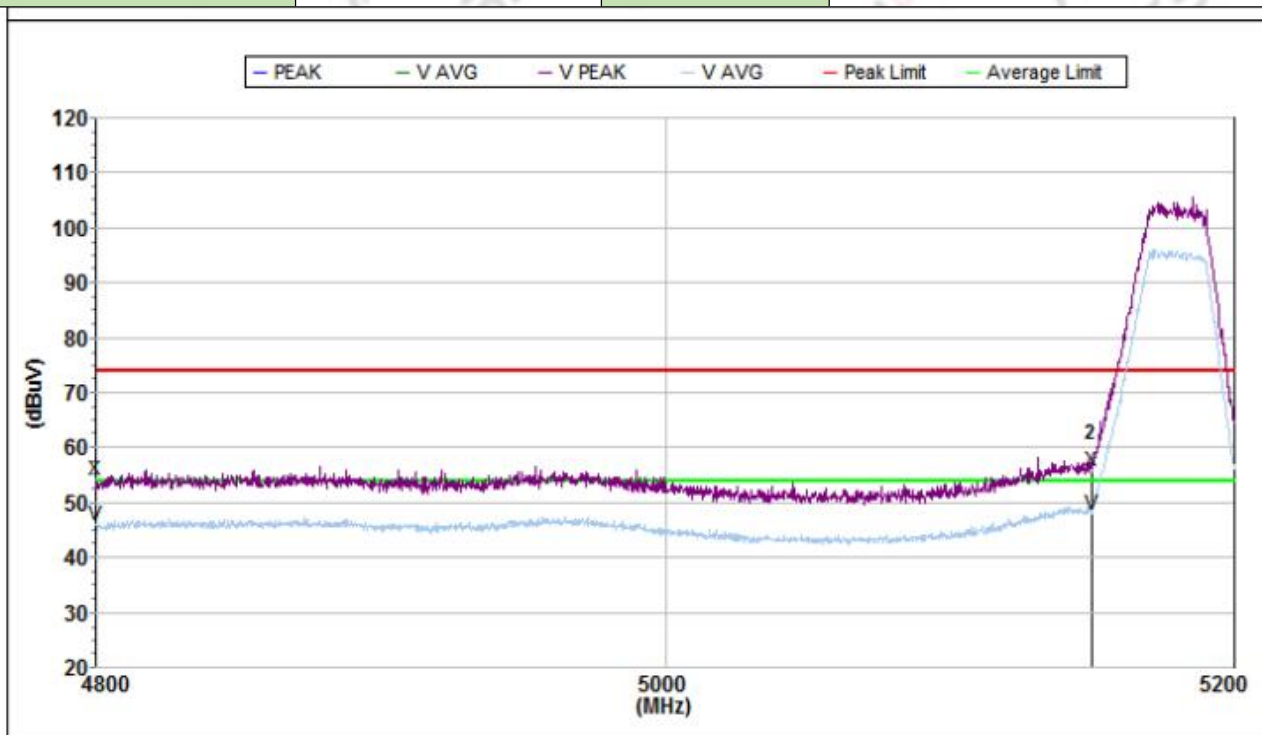
For 5150MHz~5250MHz:

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 36 MIMO



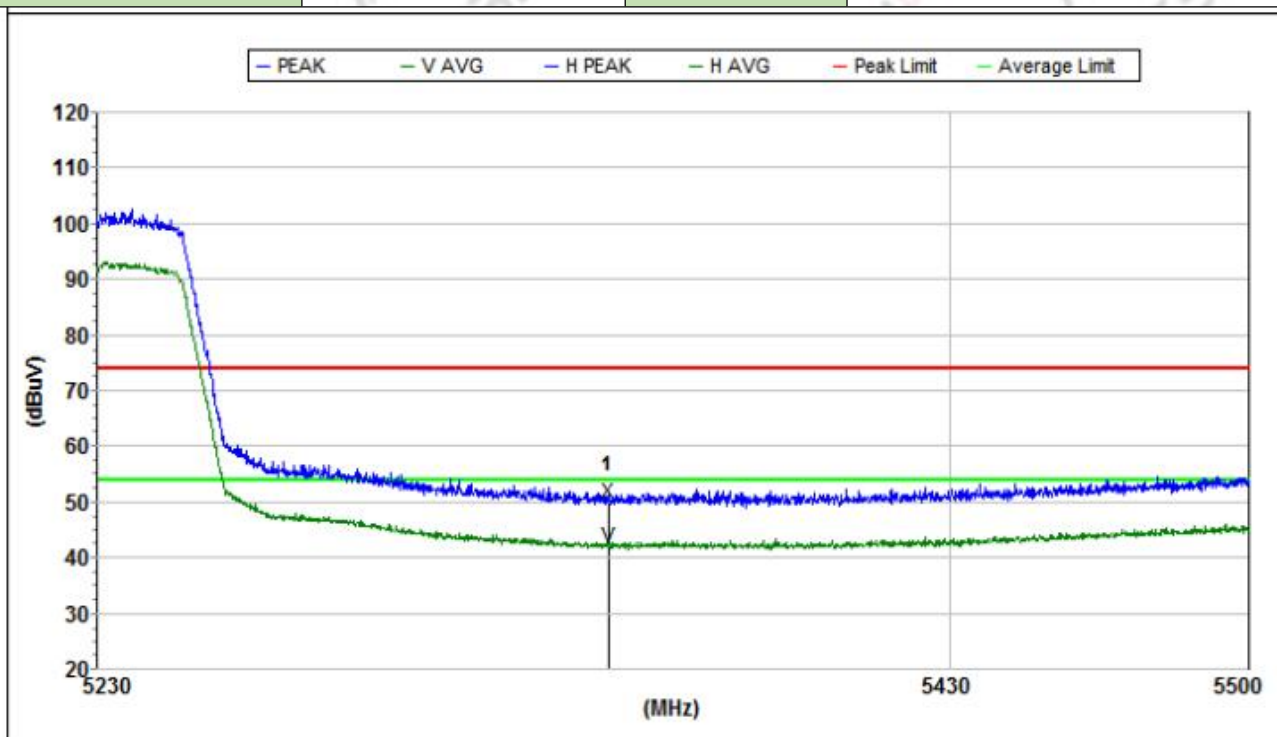
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4800.000	57.9	-6.0	51.9	74.0	22.1	H
2	5150.000	56.6	-2.8	53.8	74.0	20.2	H
Avg							
1	4800.000	49.6	-6.0	43.6	54.0	10.4	H
2	5150.000	50.0	-2.8	47.2	54.0	6.8	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 36 MIMO



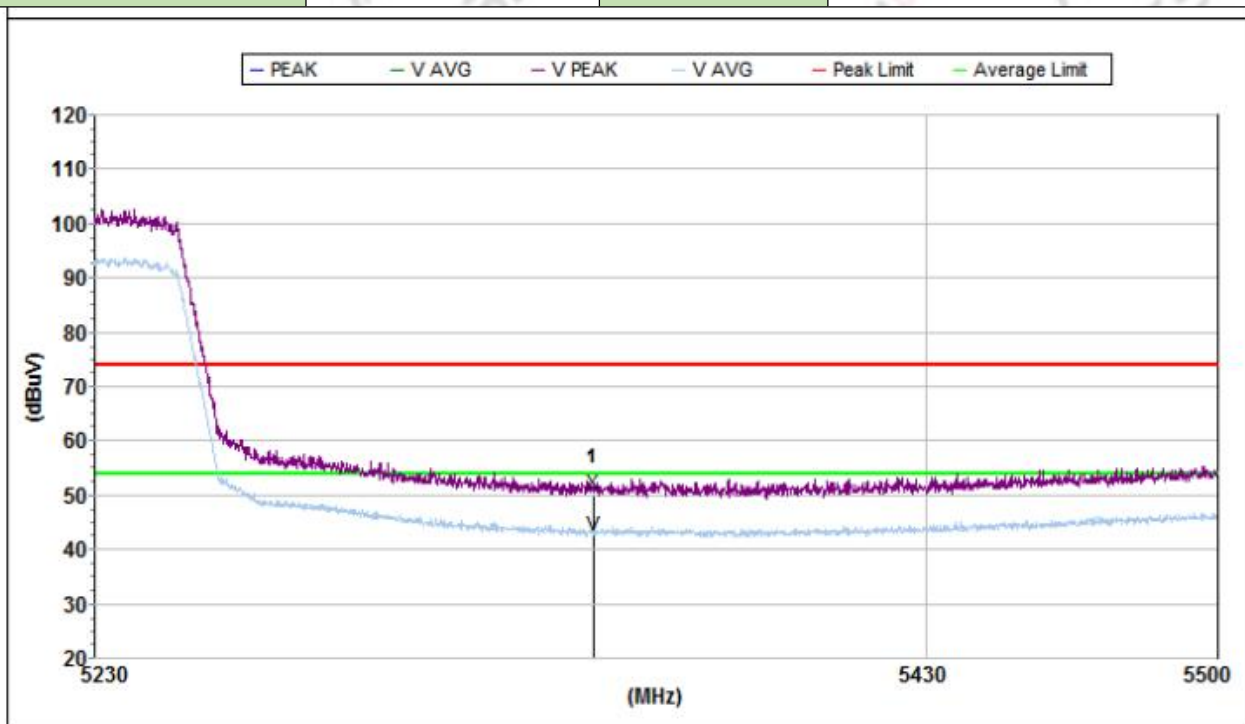
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4800.000	58.4	-4.2	54.2	74.0	19.8	V
2	5150.000	57.2	-1.4	55.8	74.0	18.2	V
Avg							
1	4800.000	50.2	-4.2	46.0	54.0	8.0	V
2	5150.000	49.5	-1.4	48.1	54.0	5.9	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 48 MIMO



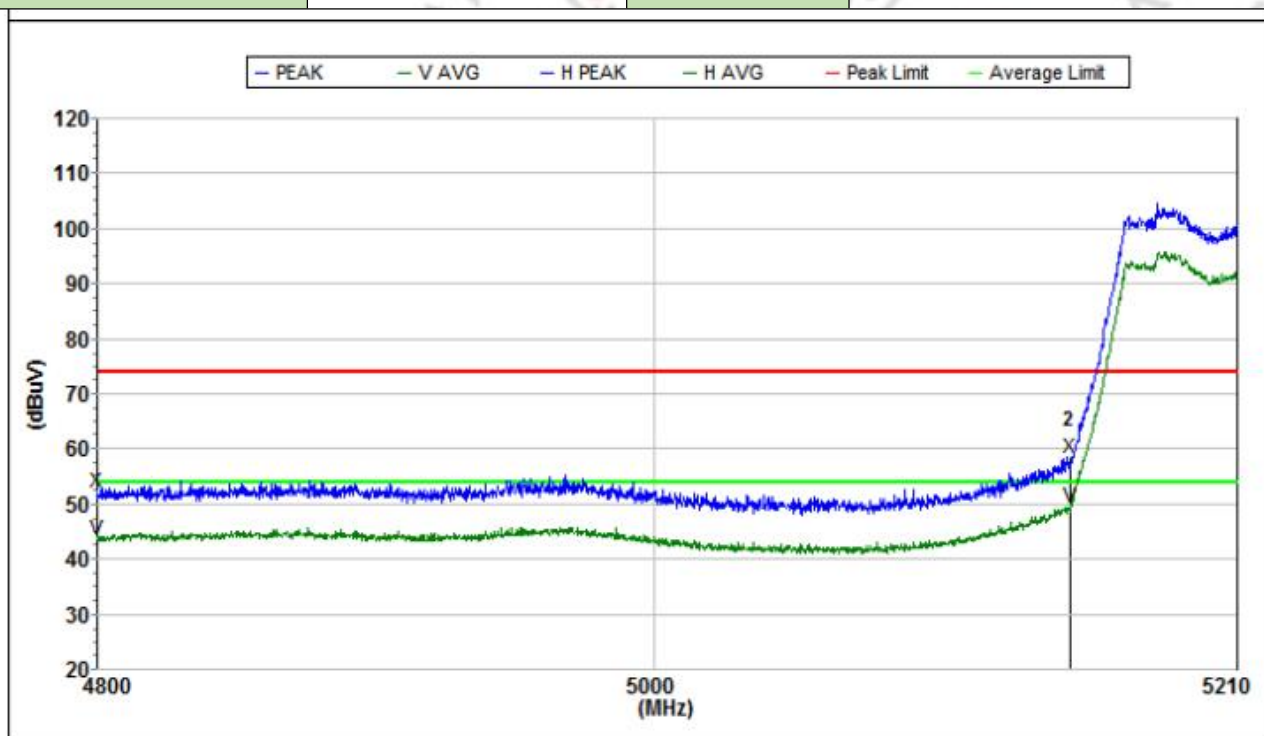
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	54.4	-4.6	49.8	74.0	24.2	H
Avg							
1	5350.000	46.6	-4.6	42.0	54.0	12.0	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 48 MIMO



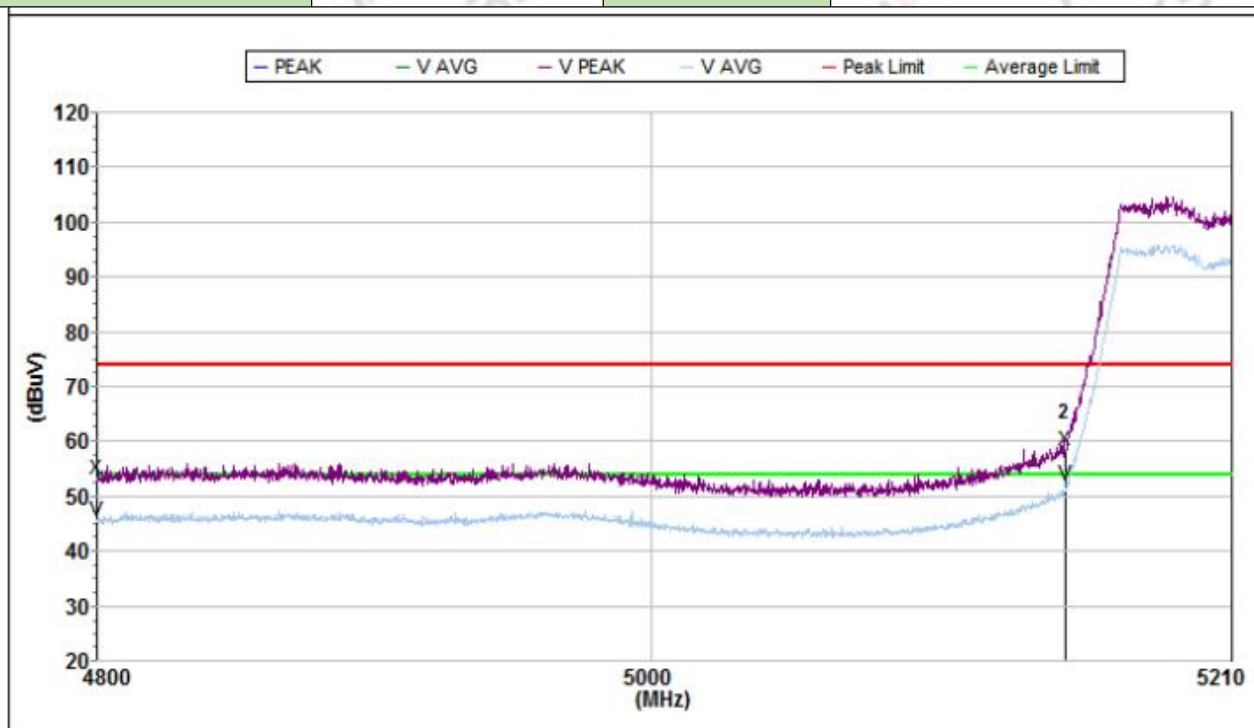
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	53.5	-3.2	50.3	74.0	23.7	V
Avg							
1	5350.000	46.0	-3.2	42.8	54.0	11.2	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax40-TX Channel 38 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4800.000	58.2	-6.0	52.2	74.0	21.8	H
2	5150.000	58.9	-0.4	58.5	74.0	15.5	H
Avg							
1	4800.000	49.8	-6.0	43.8	54.0	10.2	H
2	5150.000	50.0	-0.4	49.6	54.0	4.4	H

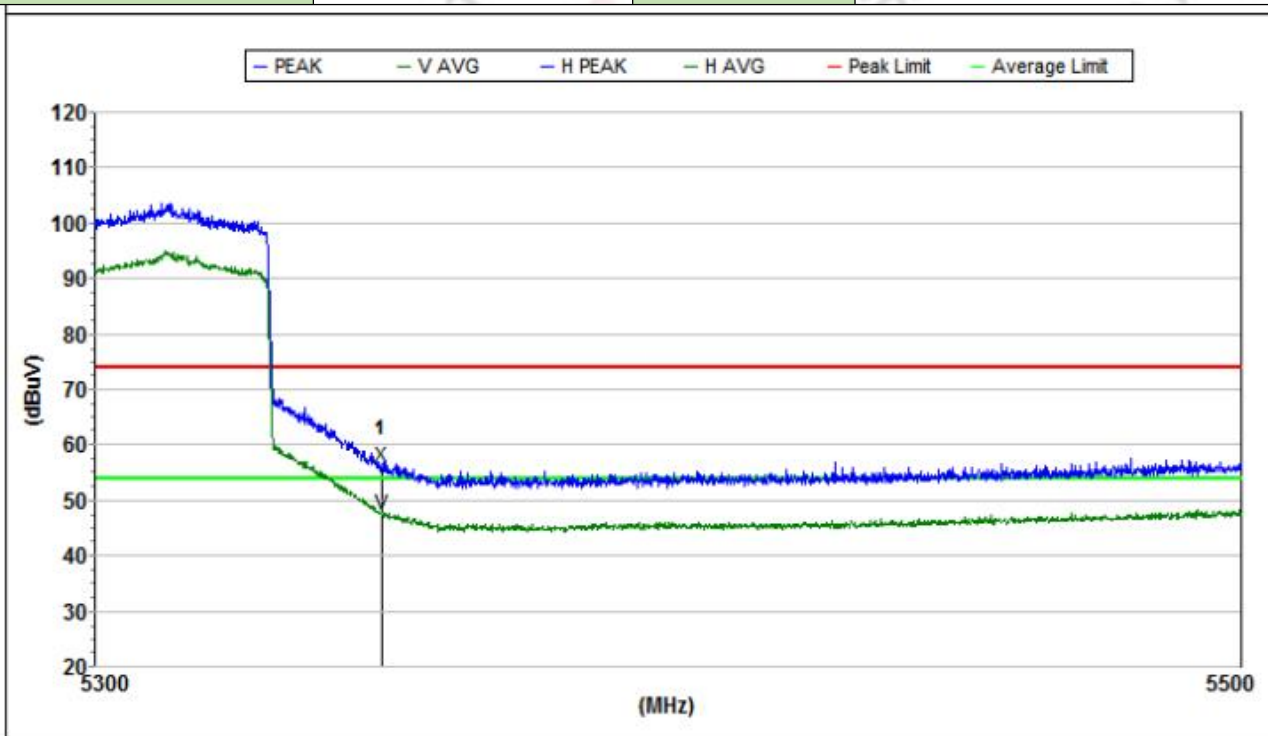
EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax40-TX Channel 38 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4800.000	57.5	-4.2	53.3	74.0	20.7	V
2	5150.000	57.4	1.0	58.4	74.0	15.6	V
Avg							
1	4800.000	50.0	-4.2	45.8	54.0	8.2	V
2	5150.000	51.3	1.0	52.3	54.0	1.7	V

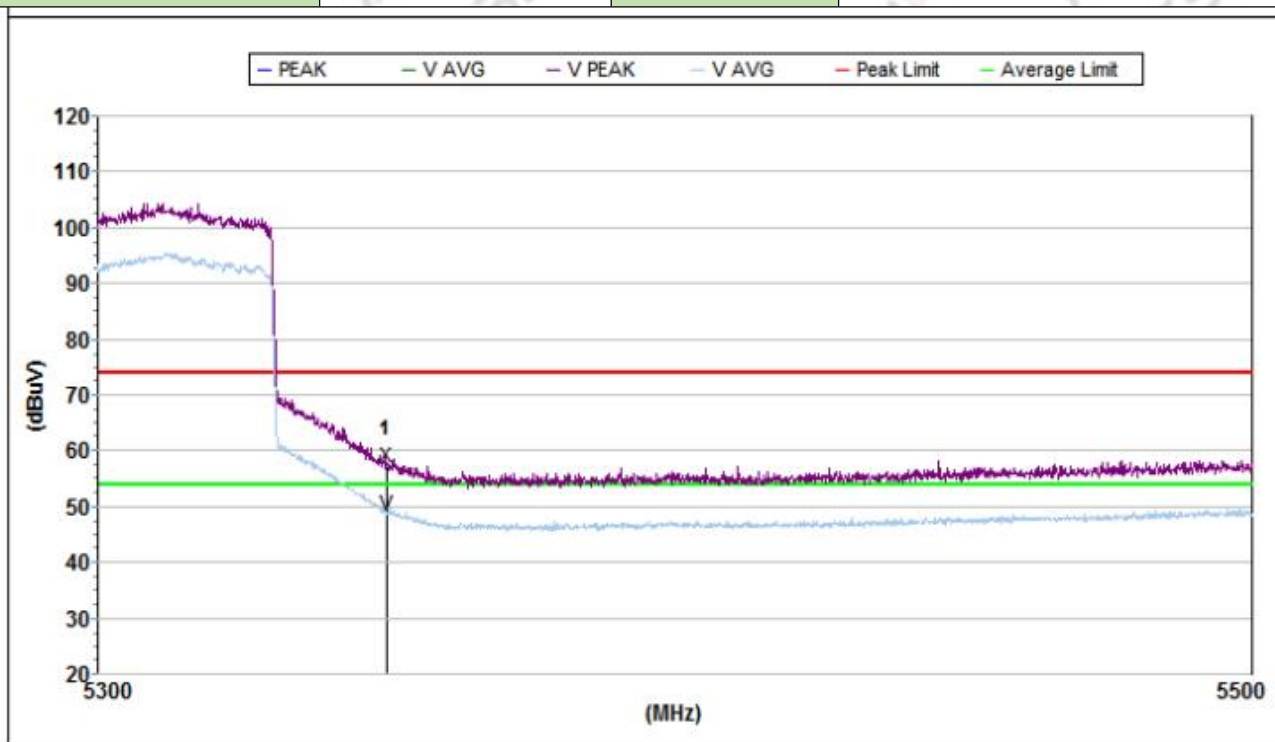
For (5250-5350MHz)

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 64 MIMO



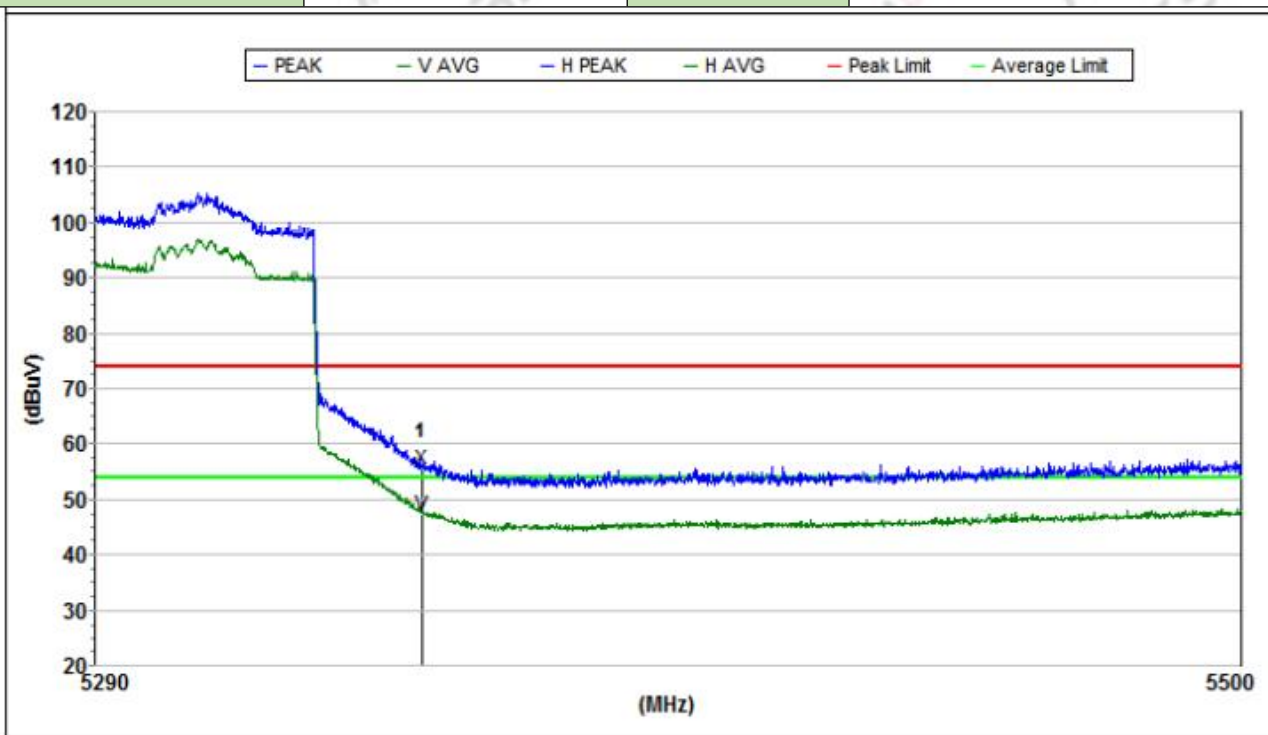
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	55.3	0.9	56.2	74.0	17.8	H
Avg							
1	5350.000	46.7	0.9	47.6	54.0	6.4	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 64 MIMO



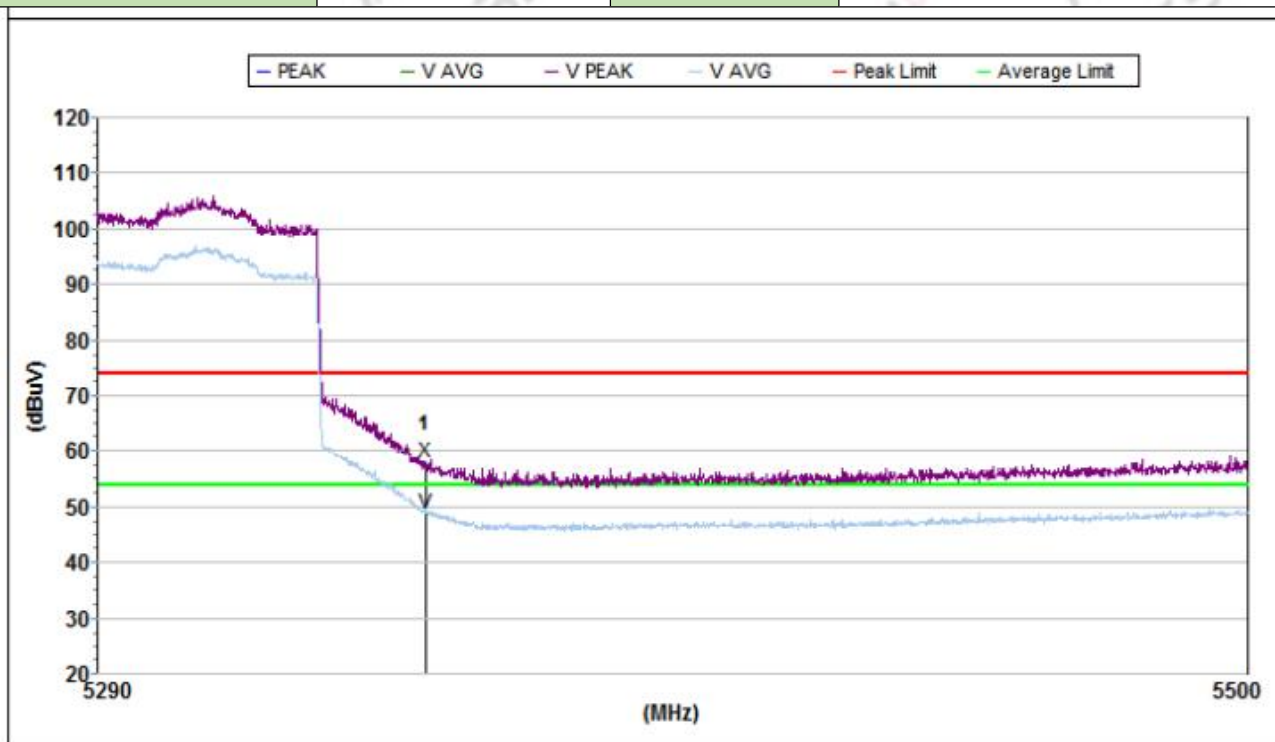
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	54.8	2.3	57.1	74.0	16.9	V
Avg							
1	5350.000	46.4	2.3	48.7	54.0	5.3	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax40-TX Channel 62 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	54.5	0.9	55.4	74.0	18.6	H
Avg							
1	5350.000	46.5	0.9	47.4	54.0	6.6	H

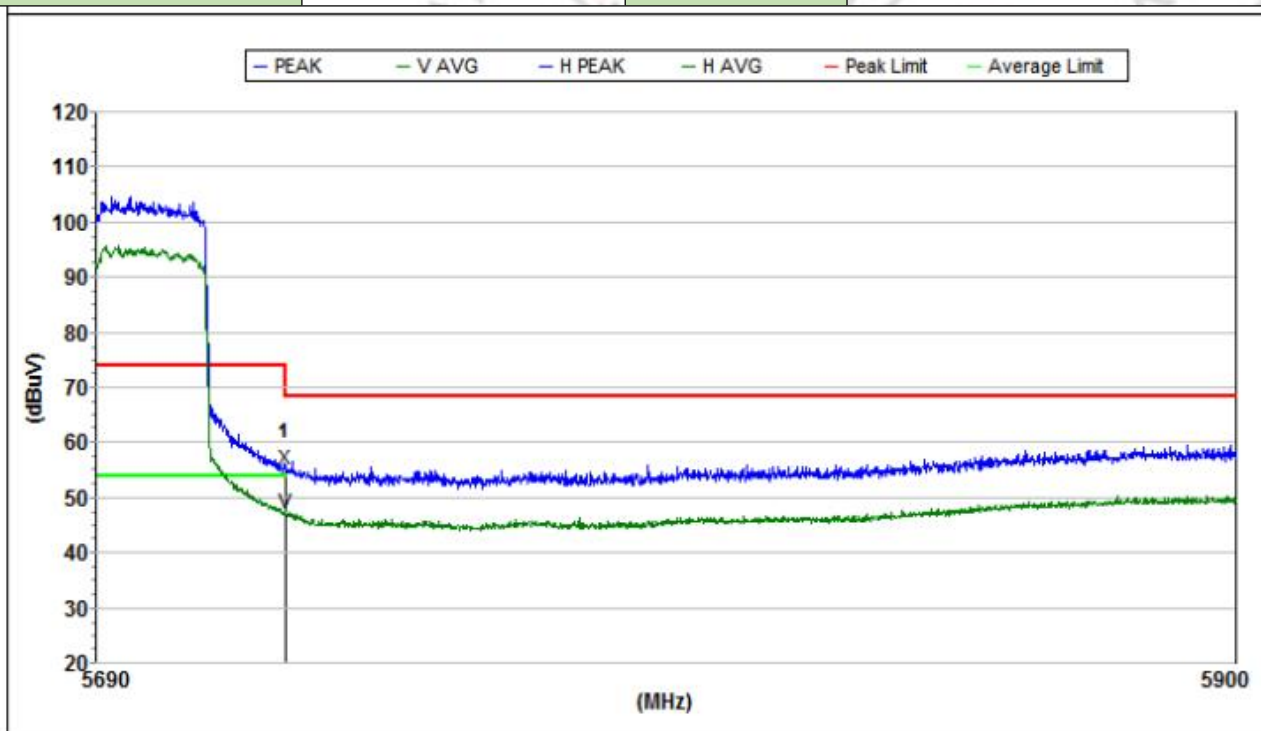
EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax40-TX Channel 62 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	55.7	2.3	58.0	74.0	16.0	V
Avg							
1	5350.000	46.5	2.3	48.8	54.0	5.2	V

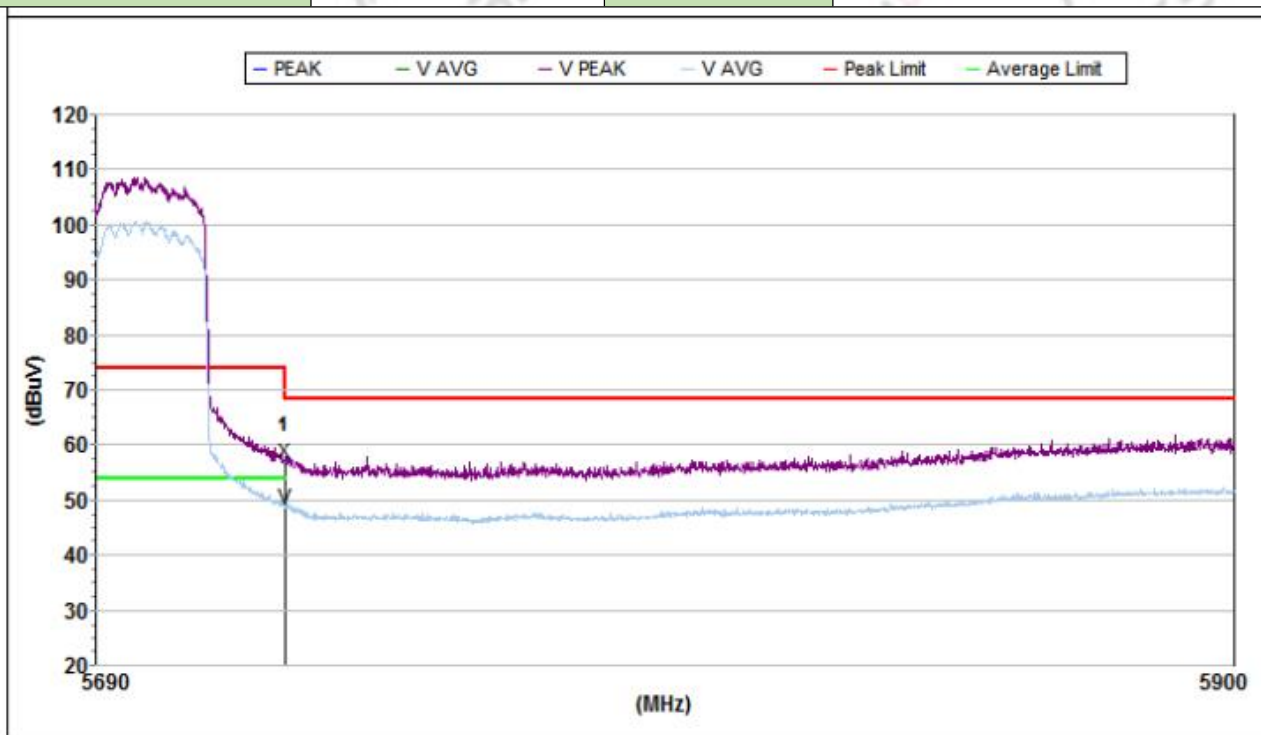
For (5470-5725MHz)

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 140 MIMO



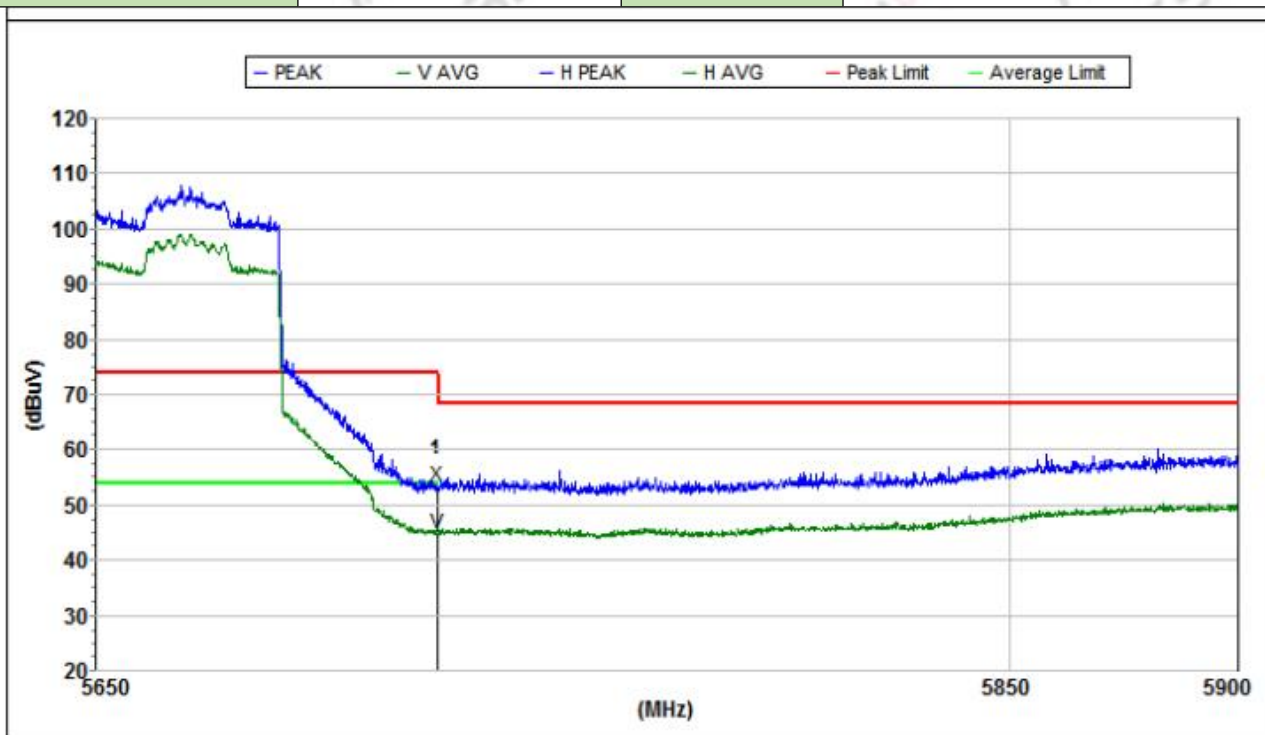
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	53.9	1.3	55.2	74.0	18.8	H
Avg							
1	5725.000	46.0	1.3	47.3	54.0	6.7	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 140 MIMO



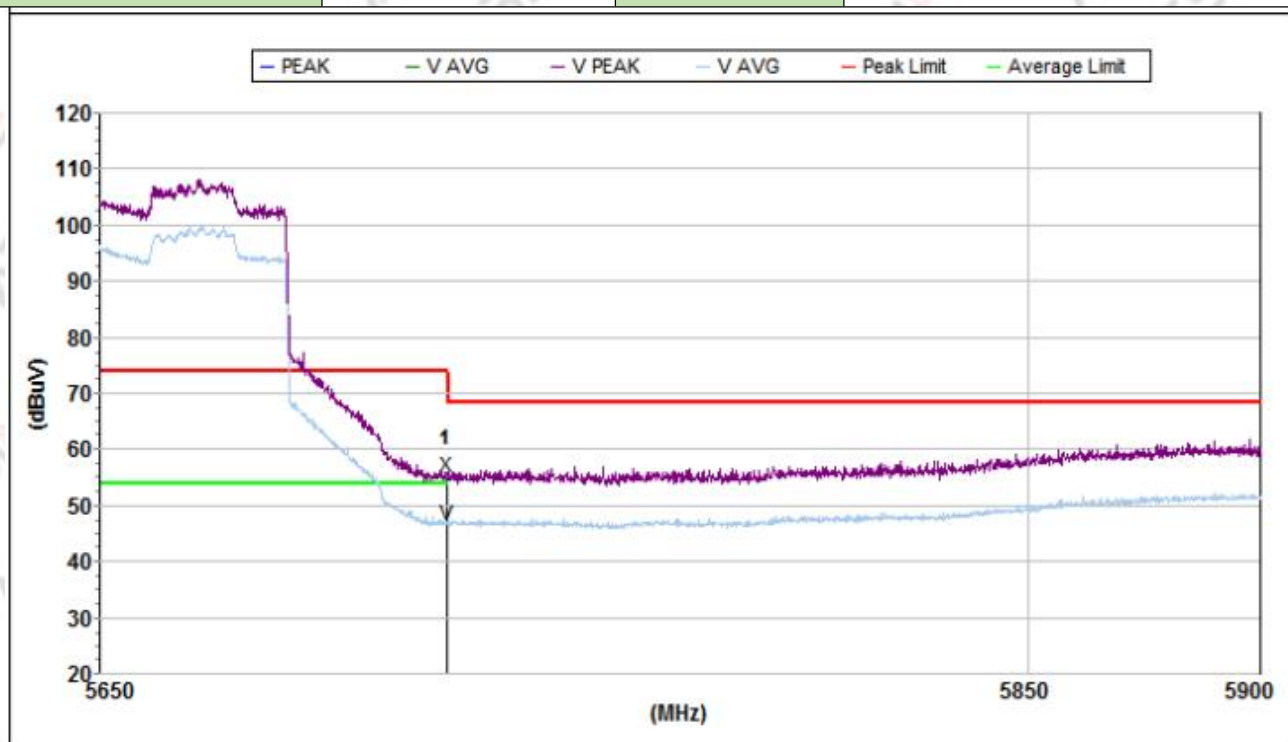
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	53.8	3.0	56.8	74.0	17.2	V
Avg							
1	5725.000	45.6	3.0	48.6	54.0	5.4	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax40-TX Channel 134 MIMO



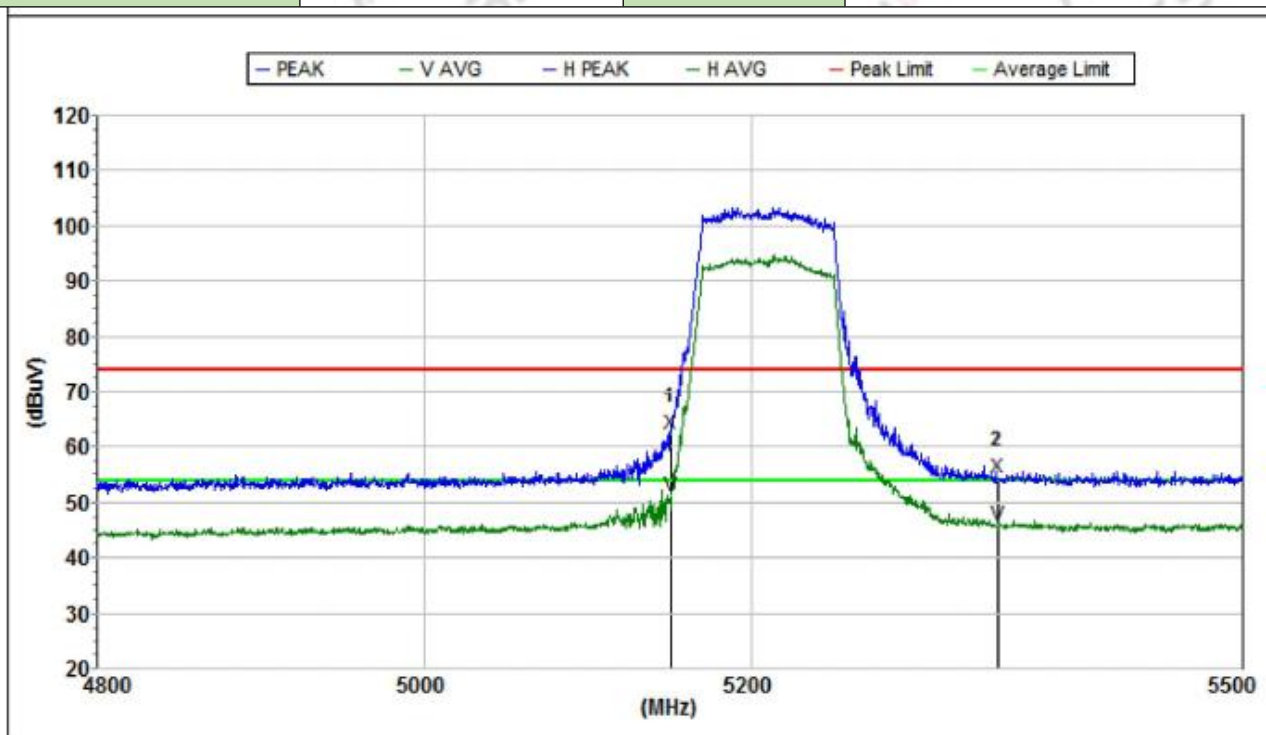
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	54.4	-0.8	53.6	74.0	20.4	H
Avg							
1	5725.000	45.7	-0.8	44.9	54.0	9.1	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax40-TX Channel 134 MIMO



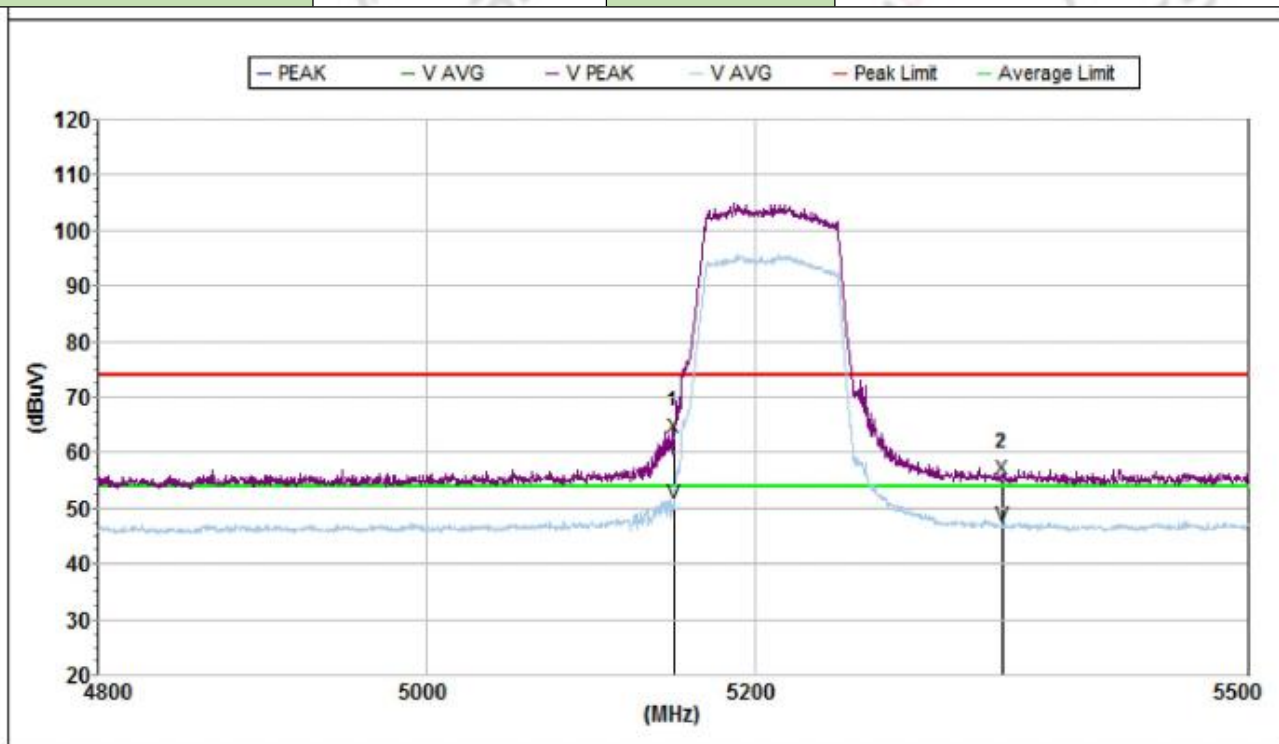
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	54.3	0.9	55.2	74.0	18.8	V
Avg							
1	5725.000	45.8	0.9	46.7	54.0	7.3	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax80-TX Channel 42 MIMO



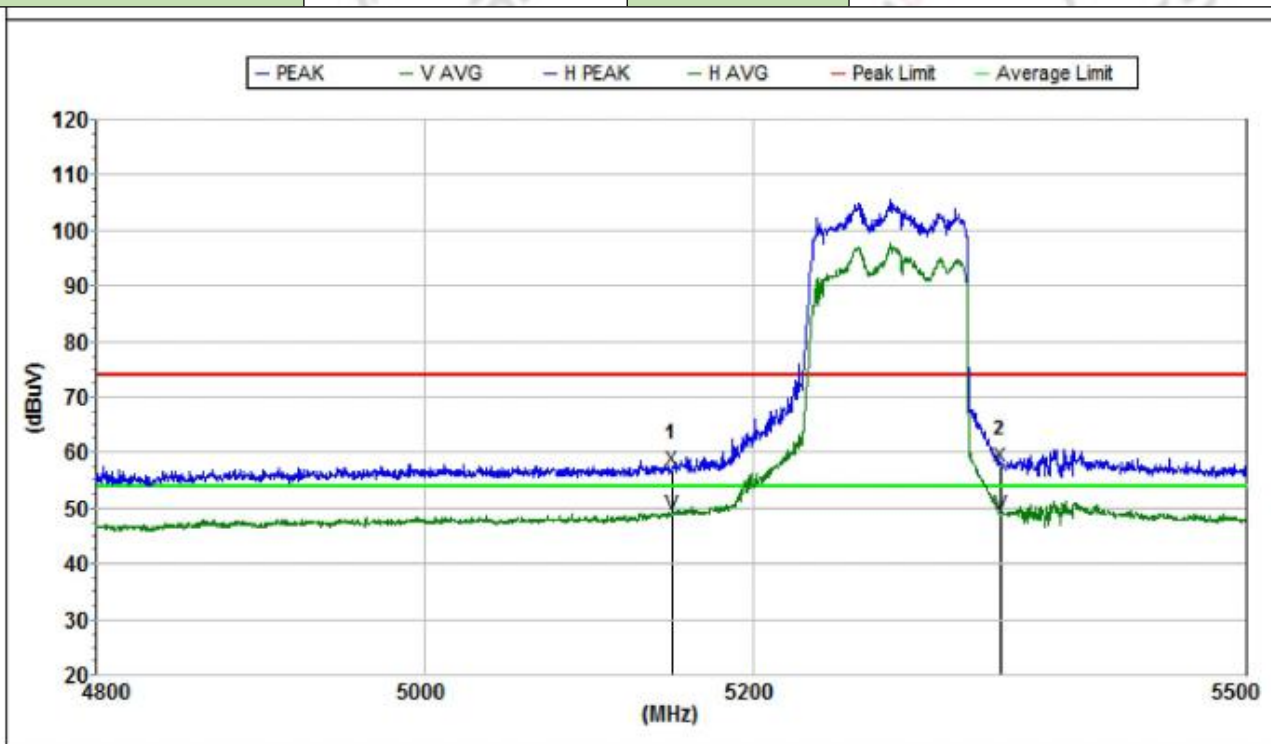
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	62.9	-0.4	62.5	74.0	11.5	H
2	5350.000	59.0	-4.6	54.4	74.0	19.6	H
Avg							
1	5150.000	51.8	-0.4	51.4	54.0	2.6	H
2	5350.000	50.5	-4.6	45.9	54.0	8.1	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax80-TX Channel 42 MIMO



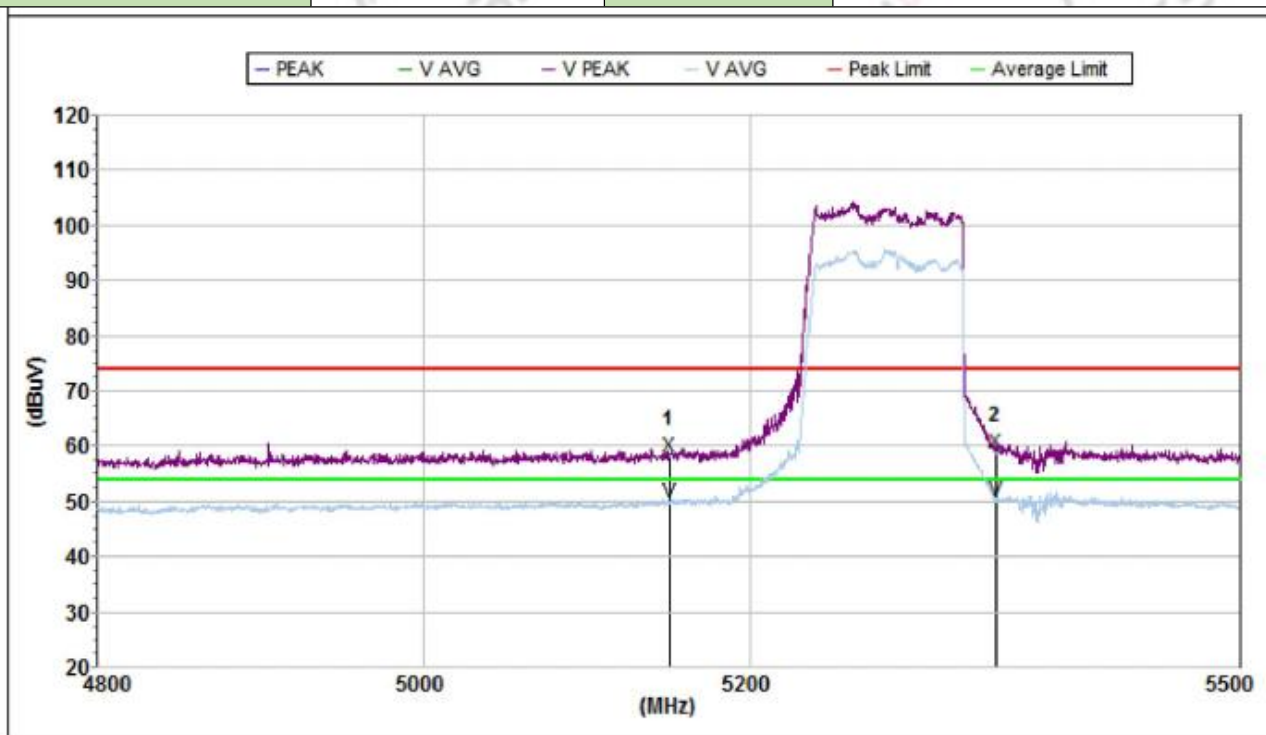
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	61.9	1.0	62.9	74.0	11.1	V
2	5350.000	58.4	-3.2	55.2	74.0	18.8	V
Avg							
1	5150.000	49.8	1.0	50.8	54.0	3.2	V
2	5350.000	50.3	-3.2	47.1	54.0	6.9	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax80-TX Channel 58 MIMO



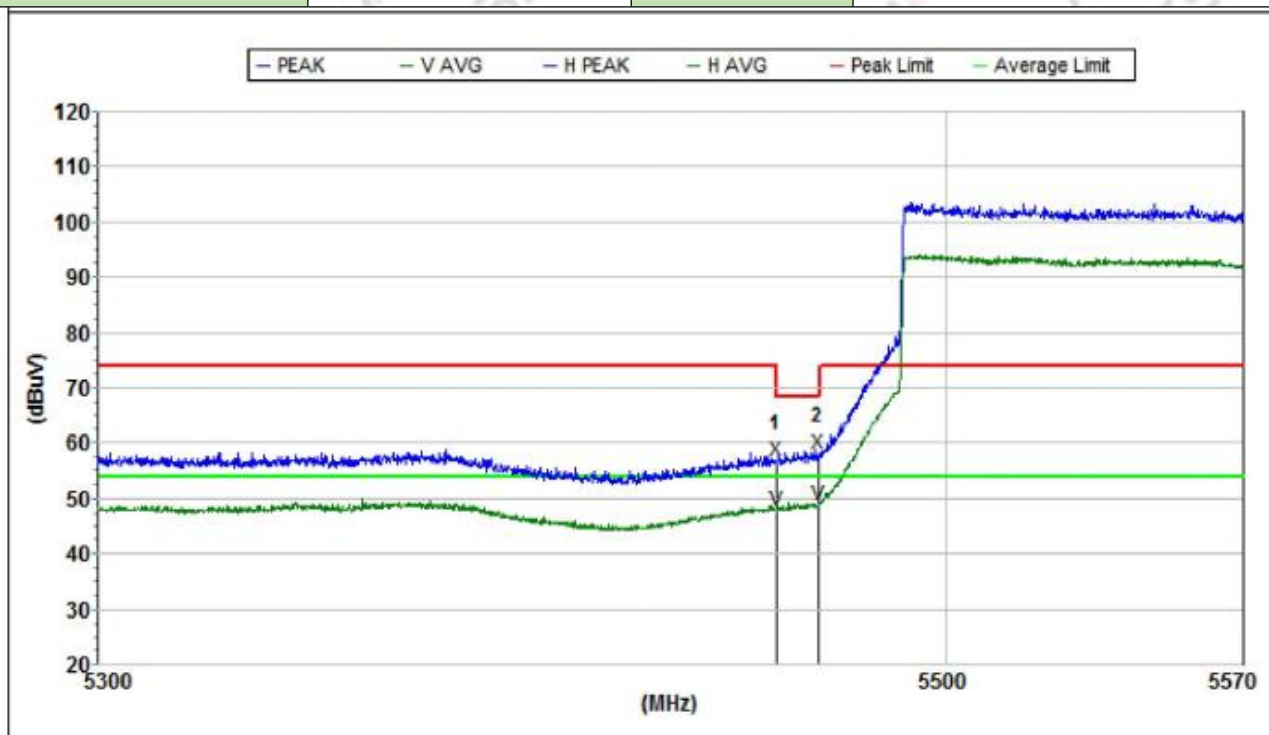
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	59.1	-2.3	56.8	74.0	17.2	H
2	5350.000	56.6	0.9	57.5	74.0	16.5	H
Avg							
1	5150.000	51.3	-2.3	49.0	54.0	5.0	H
2	5350.000	48.2	0.9	49.1	54.0	4.9	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax80-TX Channel 58 MIMO



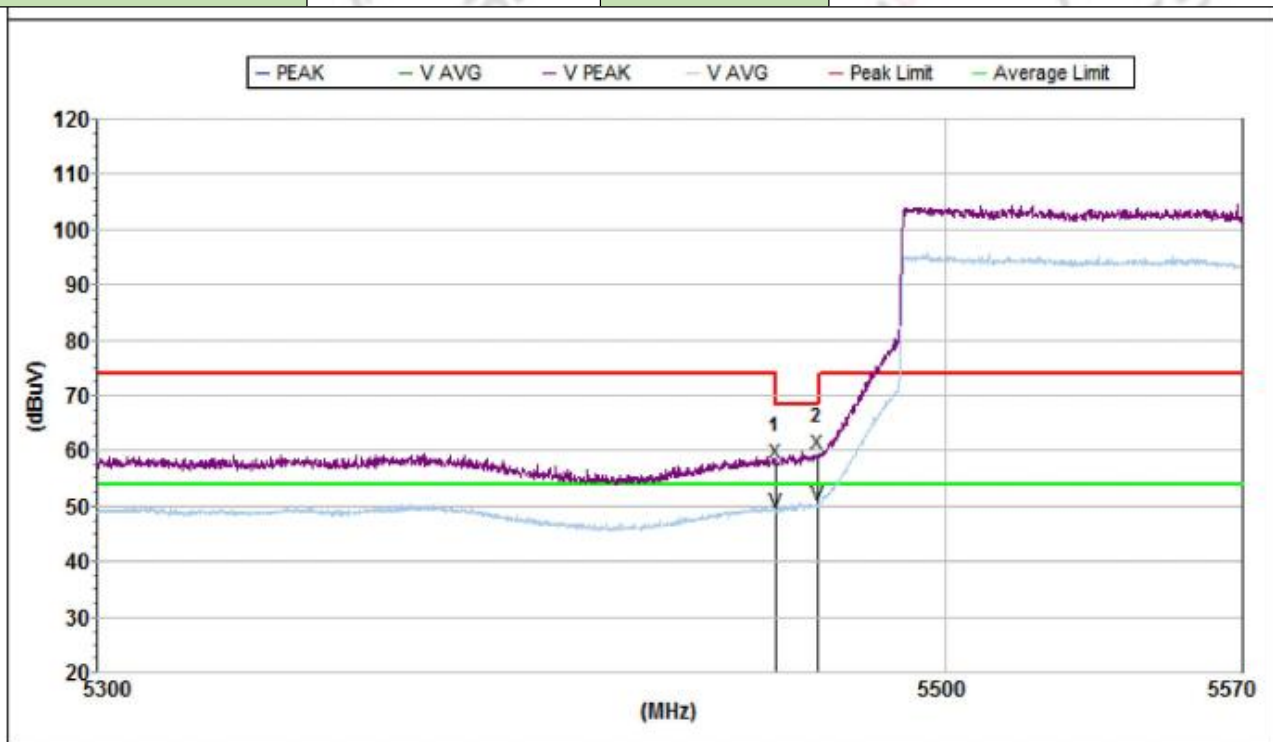
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	59.0	-0.9	58.1	74.0	15.9	V
2	5350.000	56.5	2.3	58.8	74.0	15.2	V
Avg							
1	5150.000	50.8	-0.9	49.9	54.0	4.1	V
2	5350.000	47.9	2.3	50.2	54.0	3.8	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax80-TX Channel 106 MIMO



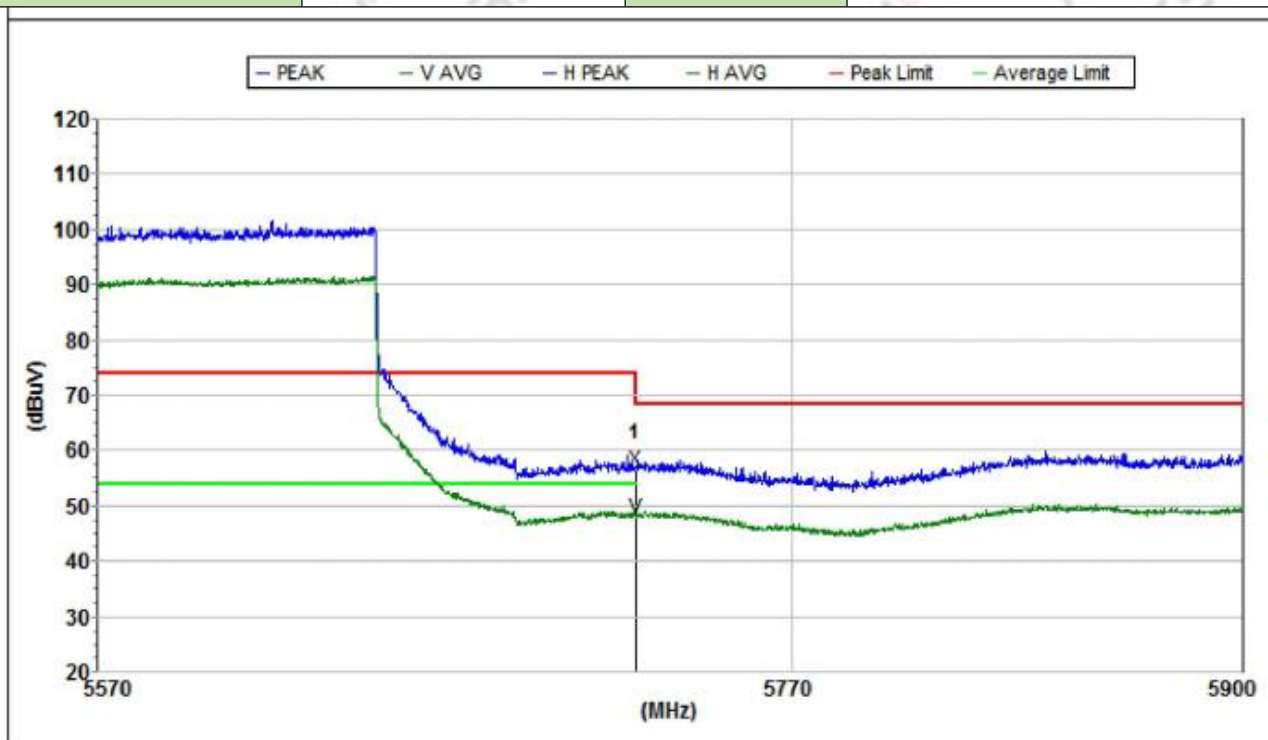
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5460.000	58.1	-1.4	56.7	74.0	17.3	H
2	5470.000	57.7	0.3	58.0	68.2	10.2	H
Avg							
1	5460.000	49.4	-1.4	48.0	54.0	6.0	H
2	5470.000	48.6	0.3	48.9	54.0	5.1	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax80-TX Channel 106 MIMO



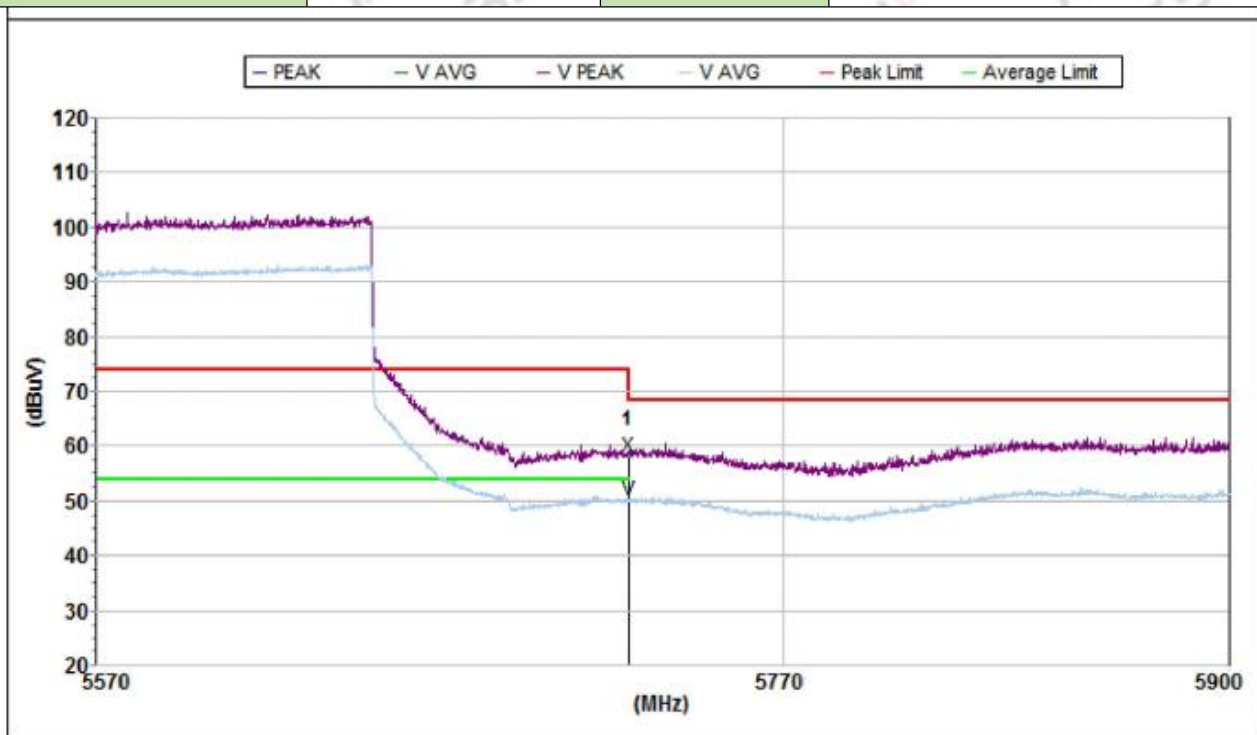
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5460.000	57.9	-0.1	57.8	74.0	16.2	V
2	5470.000	57.8	1.6	59.4	68.2	8.8	V
Avg							
1	5460.000	49.2	-0.1	49.1	54.0	4.9	V
2	5470.000	48.5	1.6	50.1	54.0	3.9	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax80-TX Channel 122 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	57.4	-0.8	56.6	74.0	17.4	H
Avg							
1	5725.000	48.9	-0.8	48.1	54.0	5.9	H

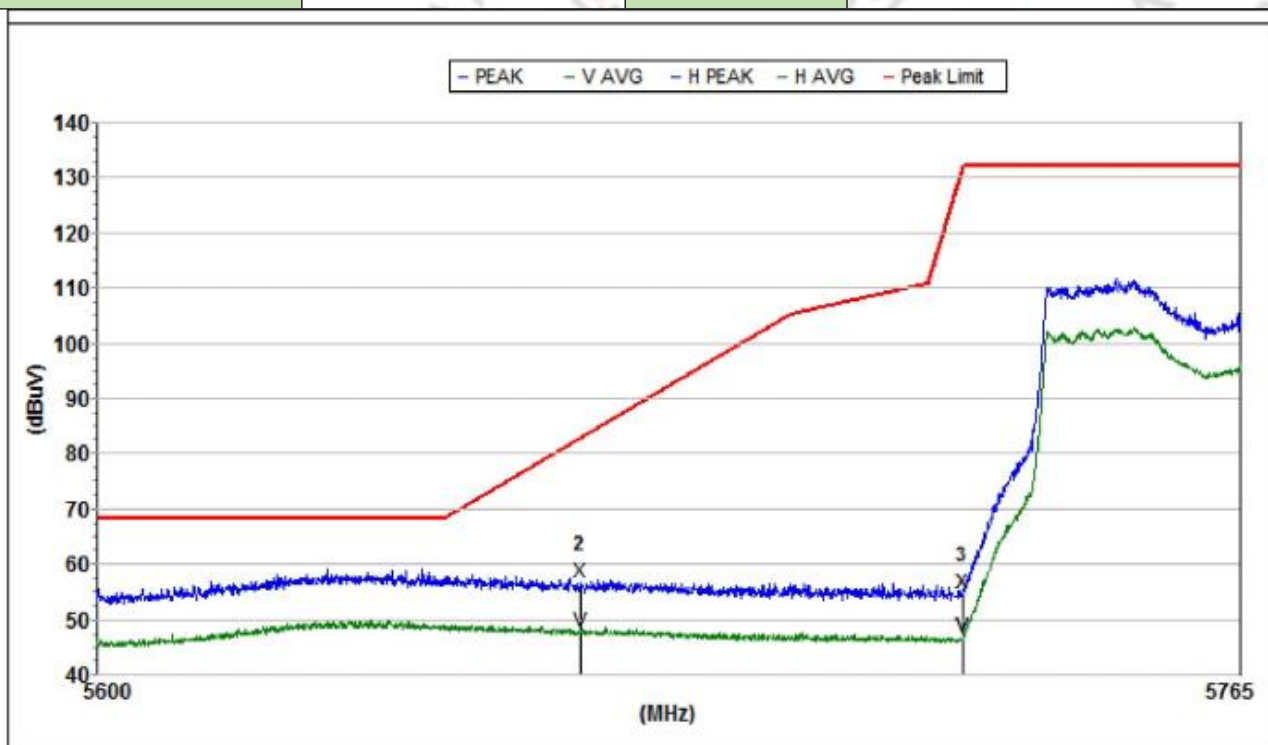
EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax80-TX Channel 122 MIMO



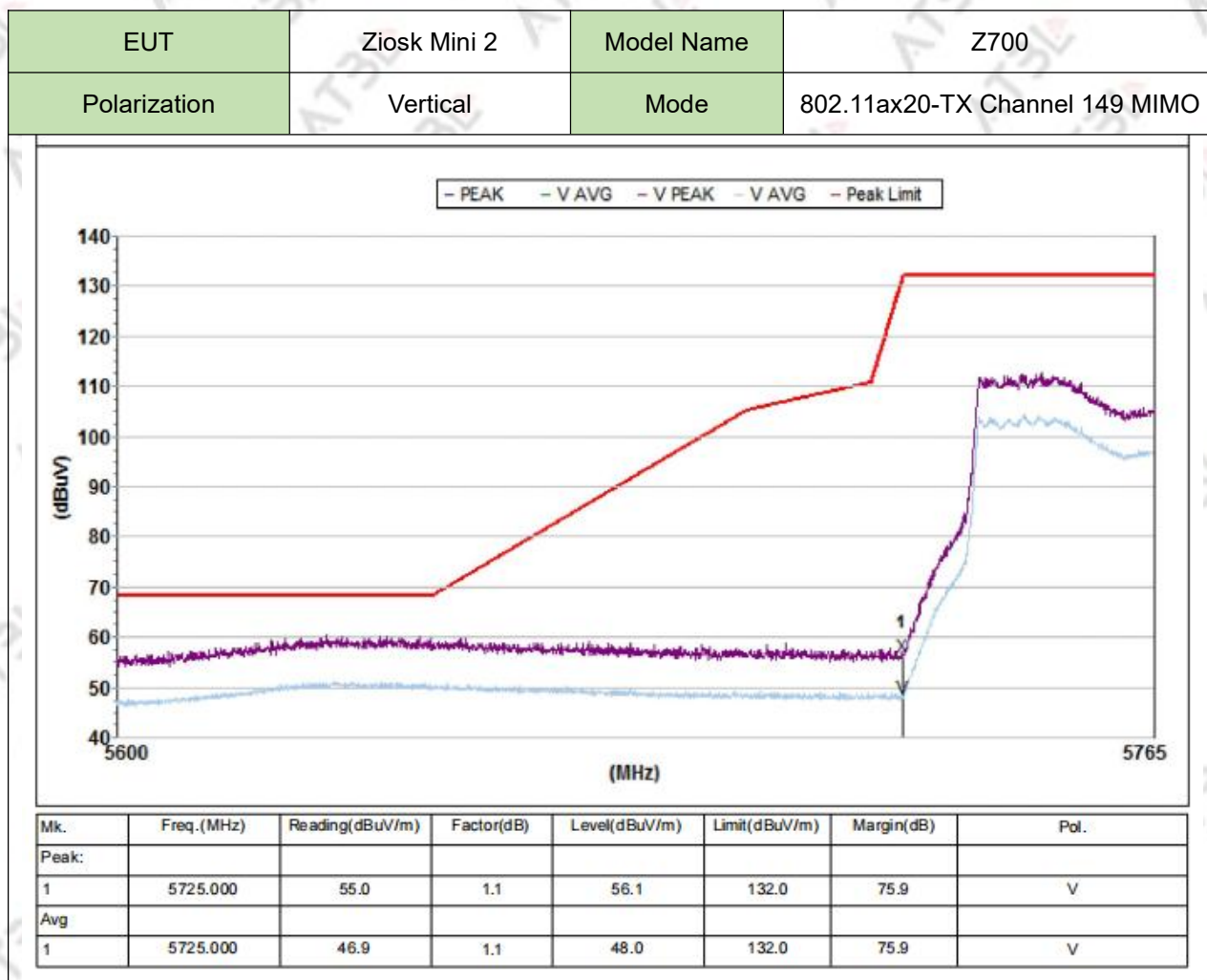
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	57.1	0.9	58.0	74.0	16.0	V
Avg							
1	5725.000	49.2	0.9	50.1	54.0	3.9	V

For (5725-5875MHz)

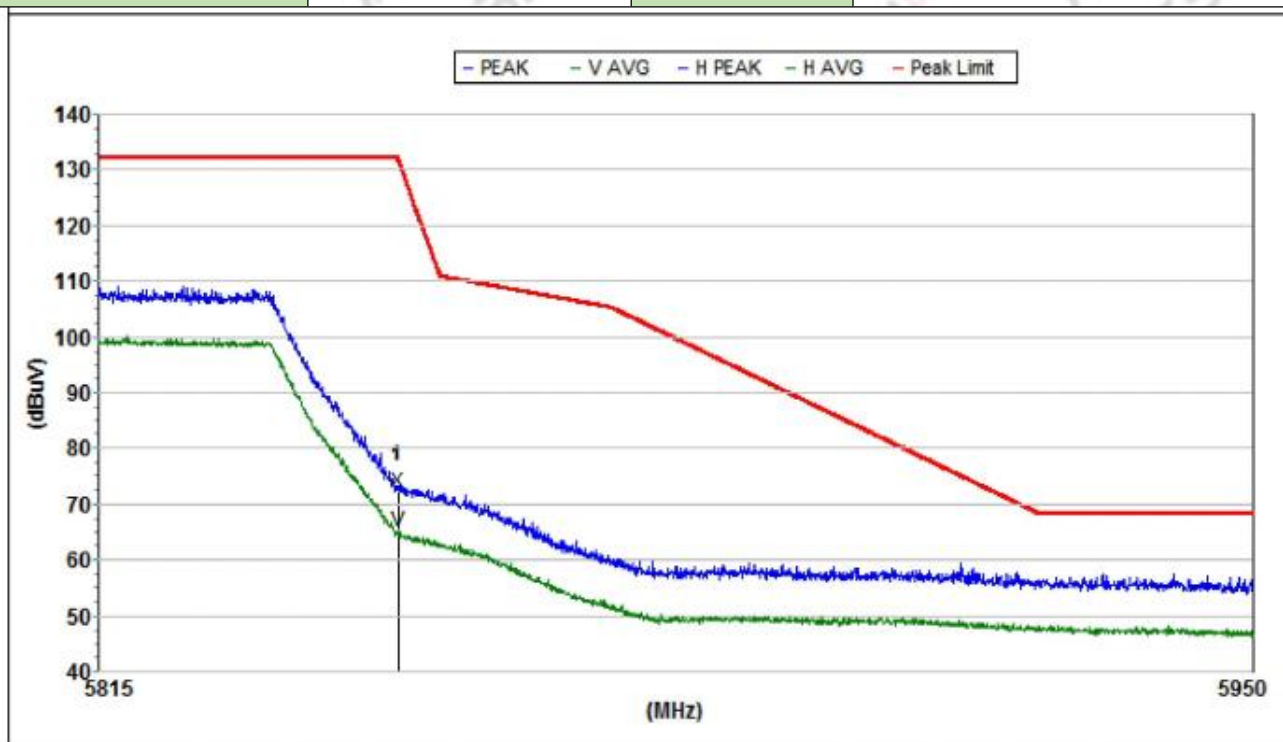
EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 149 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	55.3	-0.6	54.7	132.0	77.3	H
2	5669.795	57.7	-0.9	56.8	82.8	26.0	H
3	5725.000	55.3	-0.6	54.7	132.0	77.3	H
Avg							
1	5725.000	47.6	-0.6	47.0	132.0	77.3	H
2	5669.795	48.7	-0.9	47.8	82.8	26.0	H
3	5725.000	47.6	-0.6	47.0	132.0	77.3	H

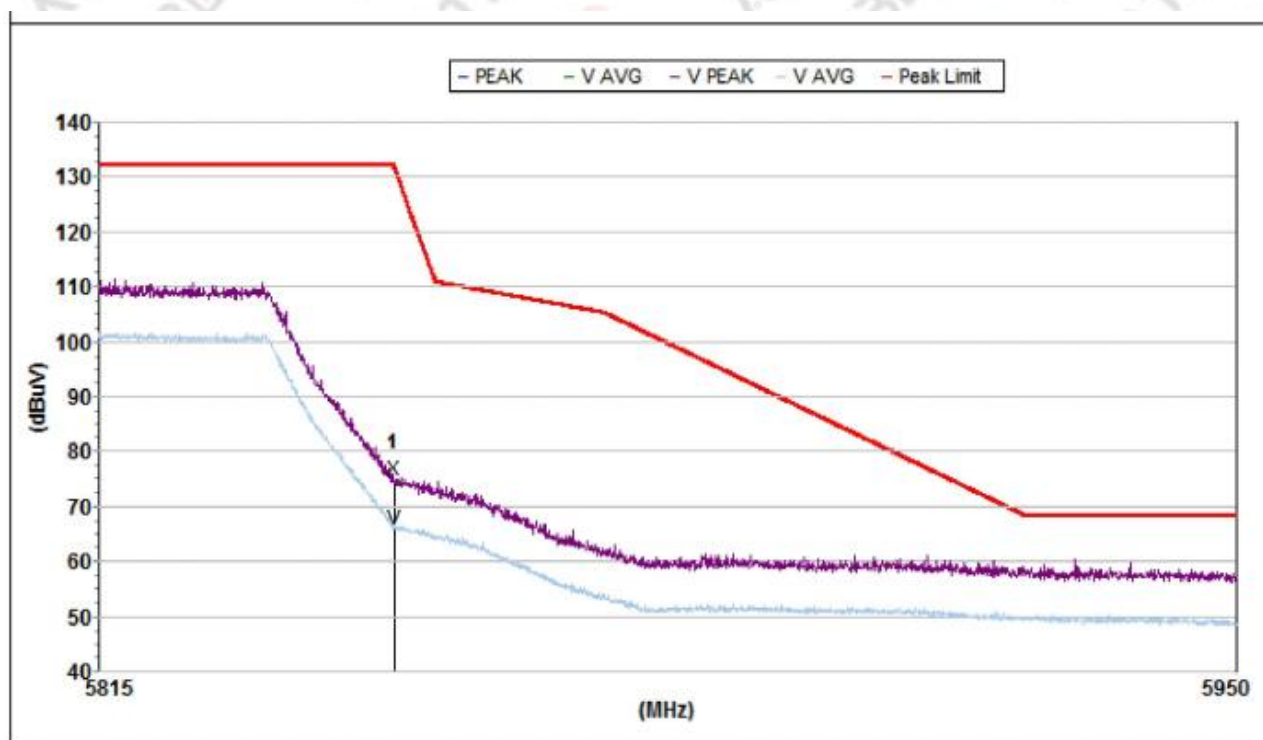


EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax20-TX Channel 165 MIMO



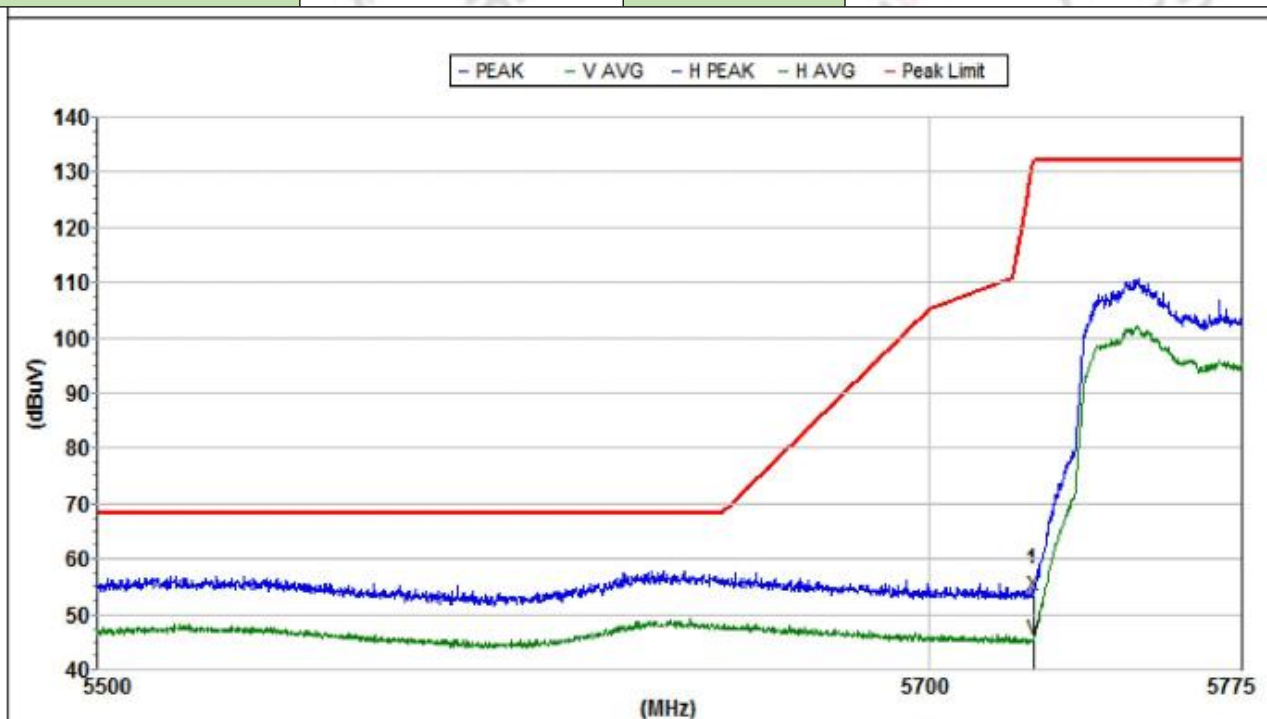
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	55.5	16.9	72.4	132.0	59.6	H
Avg							
1	5850.000	48.4	16.9	65.3	132.0	59.6	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax20-TX Channel 165 MIMO



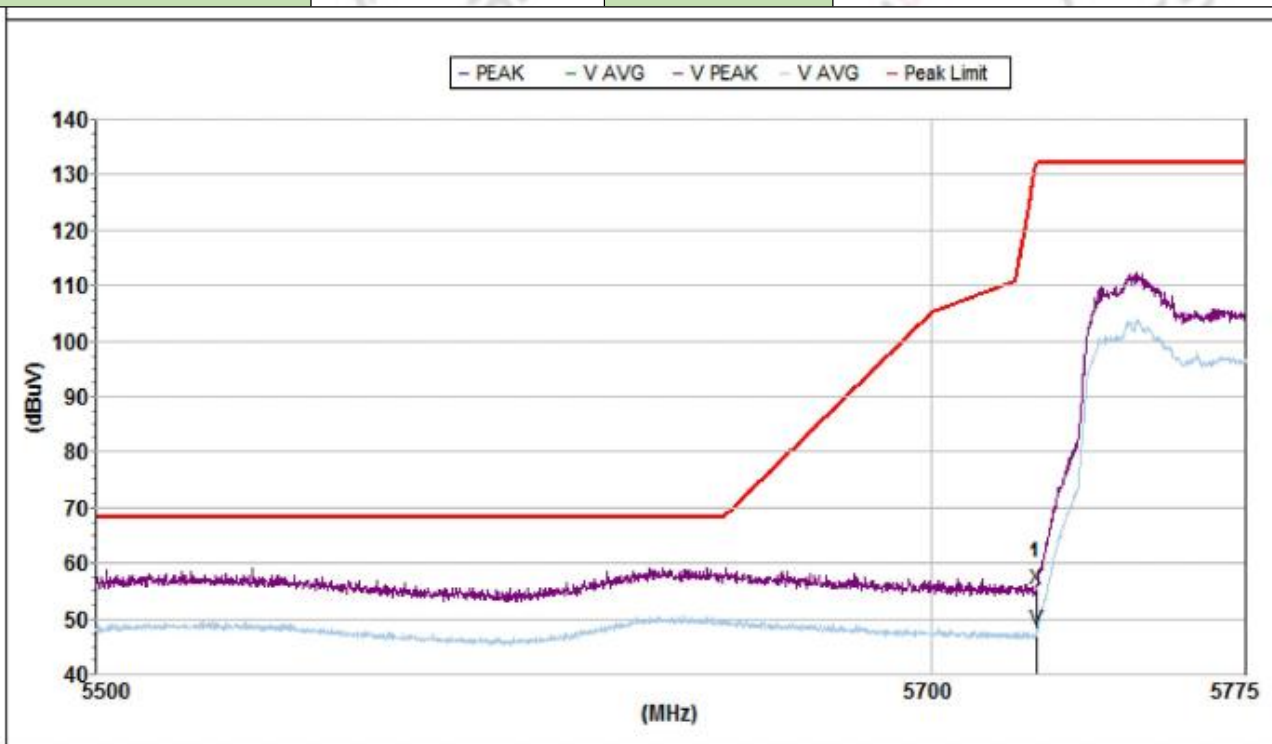
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	56.1	18.7	74.8	132.0	57.2	V
Avg							
1	5850.000	47.4	18.7	66.1	132.0	57.2	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax40-TX Channel 151 MIMO



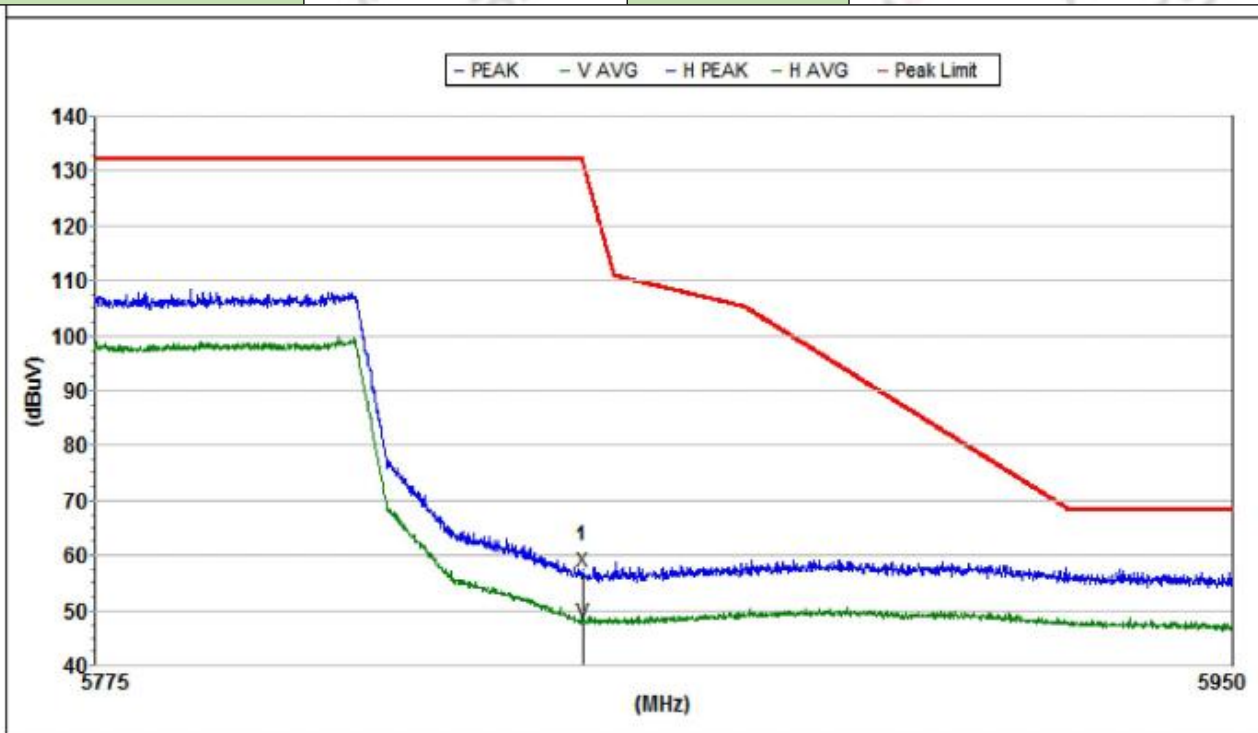
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	54.1	-0.6	53.5	132.0	78.5	H
Avg							
1	5725.000	46.2	-0.6	45.6	132.0	78.5	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax40-TX Channel 151 MIMO



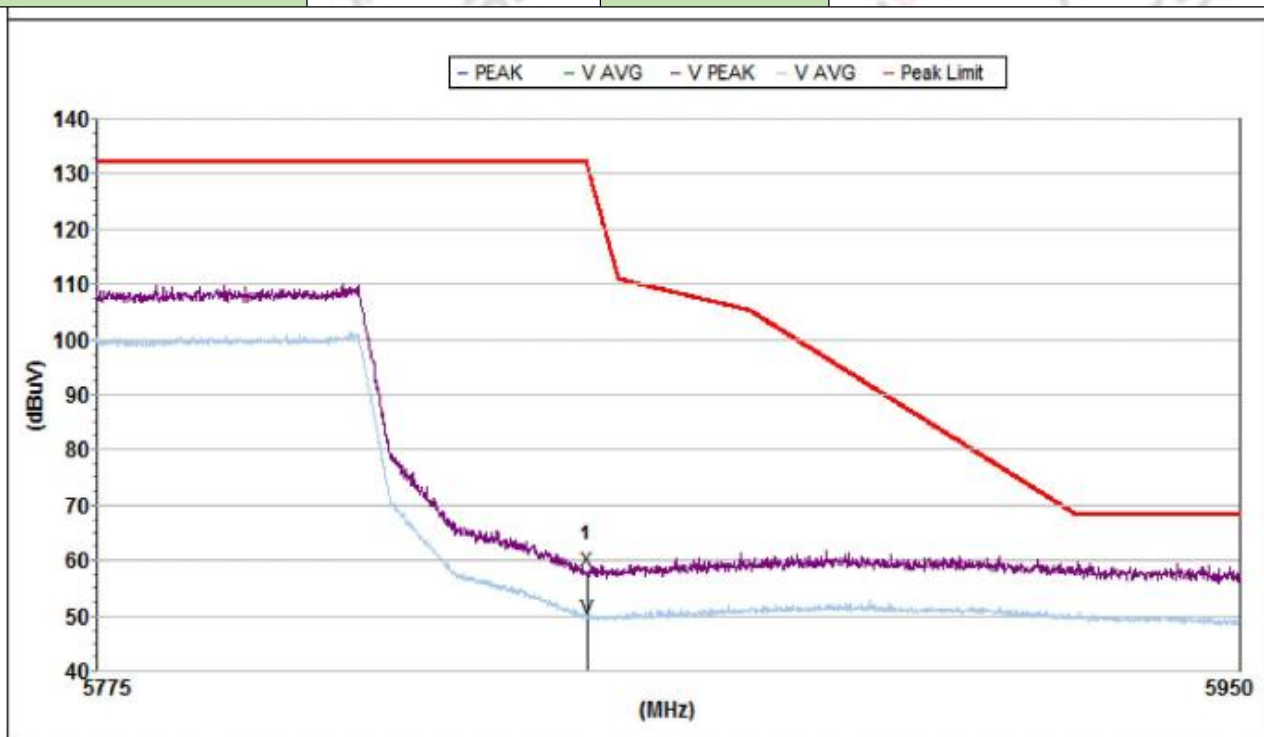
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	54.5	1.1	55.6	132.0	76.4	V
Avg							
1	5725.000	47.0	1.1	48.1	132.0	76.4	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax40-TX Channel 159 MIMO



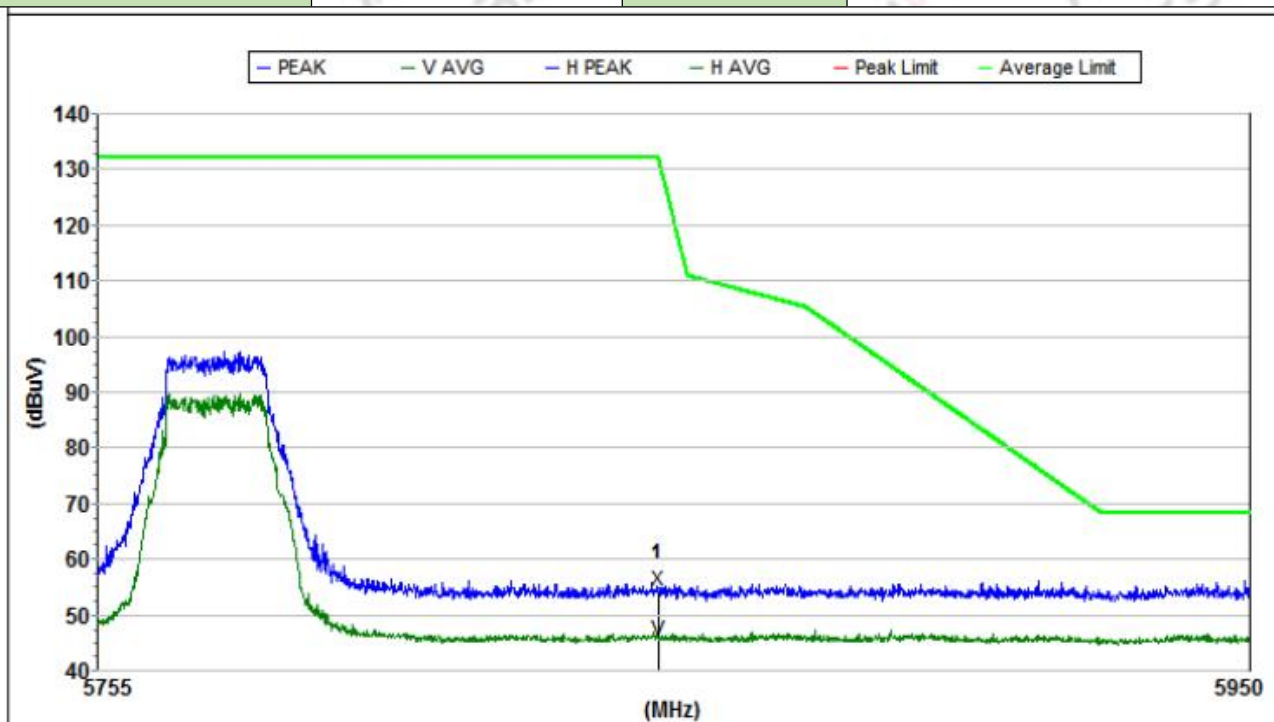
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	56.9	0.2	57.1	132.0	74.9	H
Avg							
1	5850.000	47.7	0.2	47.9	132.0	74.9	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax40-TX Channel 159 MIMO



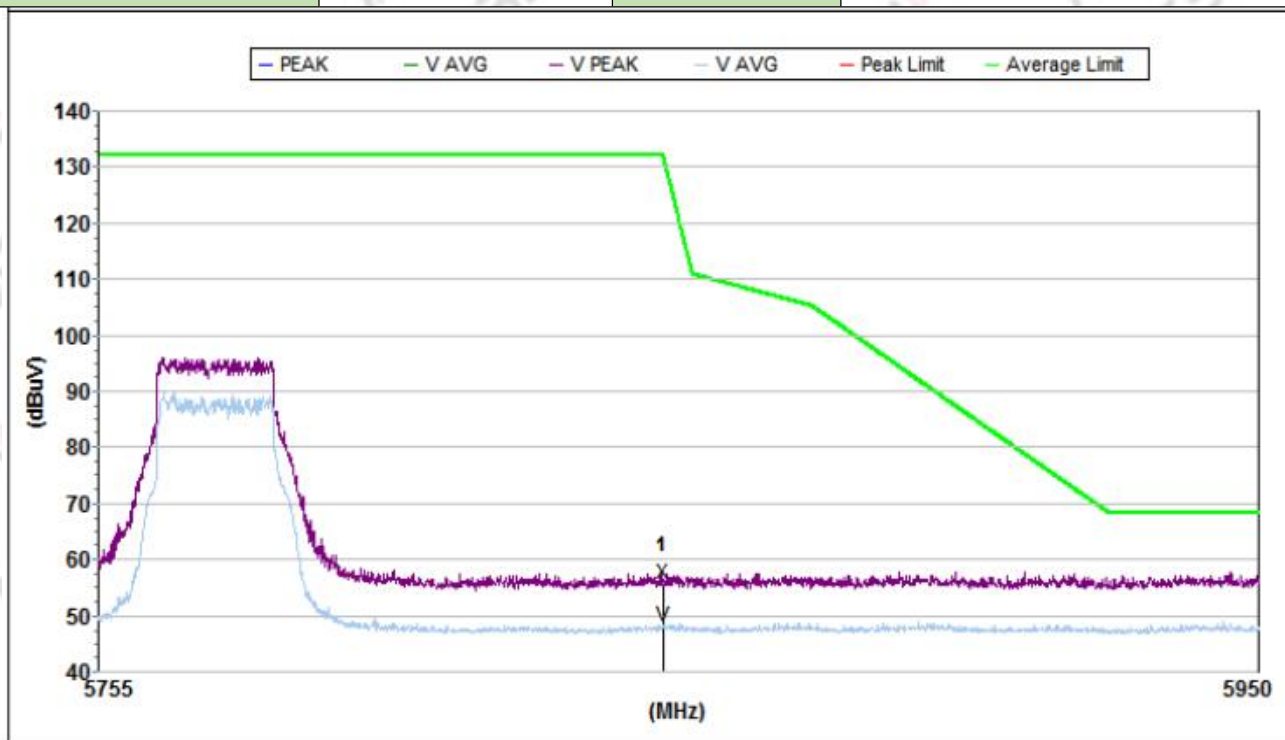
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	56.2	2.0	58.2	132.0	73.8	V
Avg							
1	5850.000	47.6	2.0	49.6	132.0	73.8	V

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Horizontal	Mode	802.11ax80-TX Channel 155 MIMO



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	58.1	-3.7	54.4	132.0	77.6	H
Avg							
1	5850.000	49.3	-3.7	45.6	132.0	86.4	H

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	Vertical	Mode	802.11ax80-TX Channel 155 MIMO



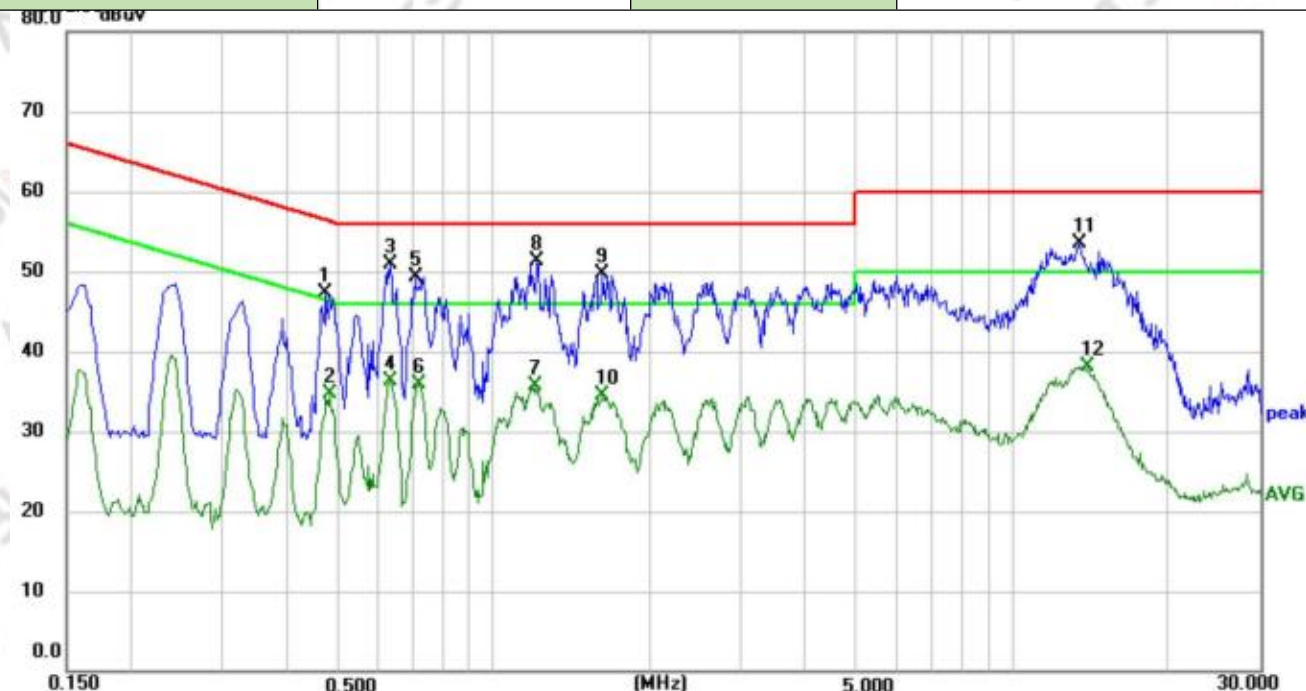
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5850.000	57.6	-1.8	55.8	132.0	76.2	V
Avg							
1	5850.000	49.9	-1.8	48.1	132.0	83.9	V

2.AC Power-Line Conducted Emission

Note:

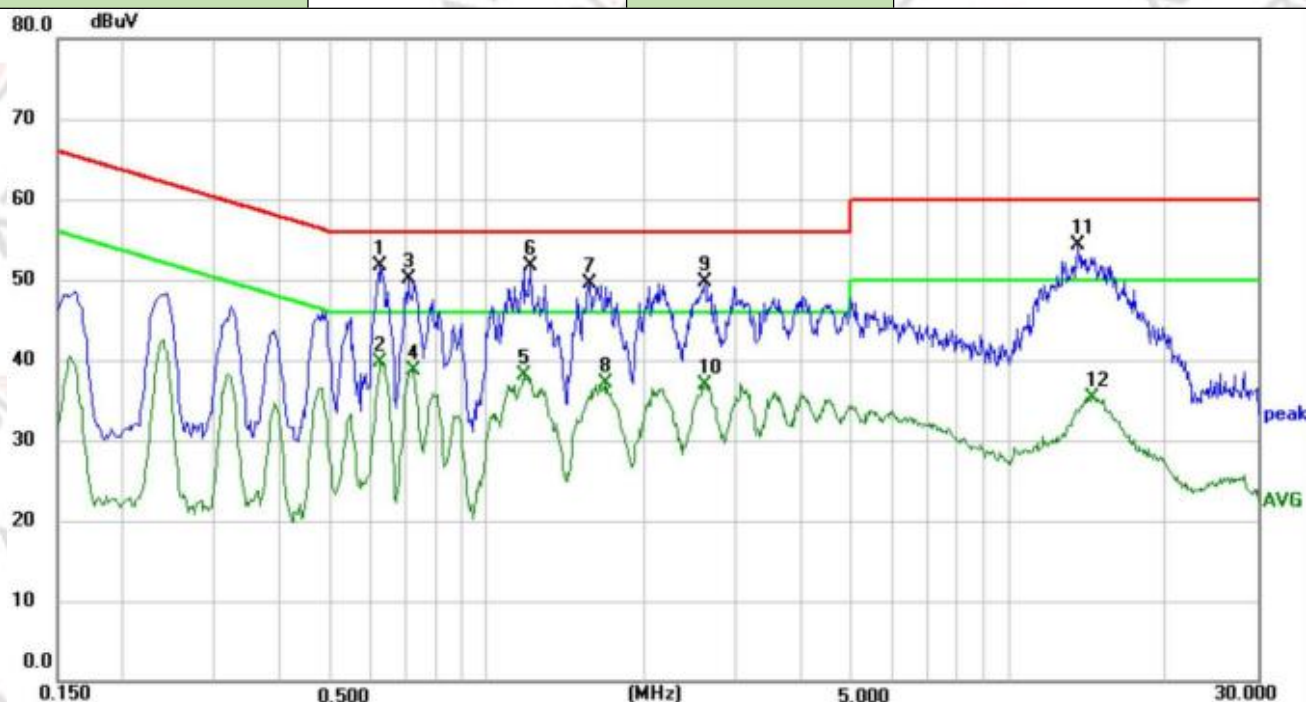
- 1.All modes have been tested, only worst mode(MIMO 802.11ax-TX Channel 116) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin value = Emission level-Limit value.

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	N	Test Mode	802.11ax-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.4740	27.76	19.59	47.35	56.44	-9.09	peak	P	
2	0.4820	15.06	19.58	34.64	46.30	-11.66	AVG	P	
3	0.6300	31.31	19.68	50.99	56.00	-5.01	peak	P	
4	0.6300	16.67	19.68	36.35	46.00	-9.65	AVG	P	
5	0.7060	29.56	19.75	49.31	56.00	-6.69	peak	P	
6	0.7180	16.15	19.75	35.90	46.00	-10.10	AVG	P	
7	1.2020	15.94	19.82	35.76	46.00	-10.24	AVG	P	
8	1.2100	31.50	19.82	51.32	56.00	-4.68	peak	P	
9	1.6260	29.83	19.96	49.79	56.00	-6.21	peak	P	
10	1.6260	14.64	19.96	34.60	46.00	-11.40	AVG	P	
11	13.4420	32.10	21.31	53.41	60.00	-6.59	peak	P	
12	13.9500	16.71	21.38	38.09	50.00	-11.91	AVG	P	

EUT	Ziosk Mini 2	Model Name	Z700
Polarization	L1	Test Mode	802.11ax-TX Channel 116 MIMO



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.6260	32.04	19.68	51.72	56.00	-4.28	peak	P	
2	0.6260	19.97	19.68	39.65	46.00	-6.35	AVG	P	
3	0.7060	30.27	19.75	50.02	56.00	-5.98	peak	P	
4	0.7220	19.05	19.75	38.80	46.00	-7.20	AVG	P	
5	1.1780	18.36	19.81	38.17	46.00	-7.83	AVG	P	
6	1.2100	31.81	19.82	51.63	56.00	-4.37	peak	P	
7	1.5740	29.60	19.94	49.54	56.00	-6.46	peak	P	
8	1.6940	17.12	19.98	37.10	46.00	-8.90	AVG	P	
9	2.6220	29.71	20.08	49.79	56.00	-6.21	peak	P	
10	2.6220	16.79	20.08	36.87	46.00	-9.13	AVG	P	
11	13.6220	33.00	21.34	54.34	60.00	-5.66	peak	P	
12	14.4940	13.93	21.46	35.39	50.00	-14.61	AVG	P	

*****END*****