

Bandedge Test Data

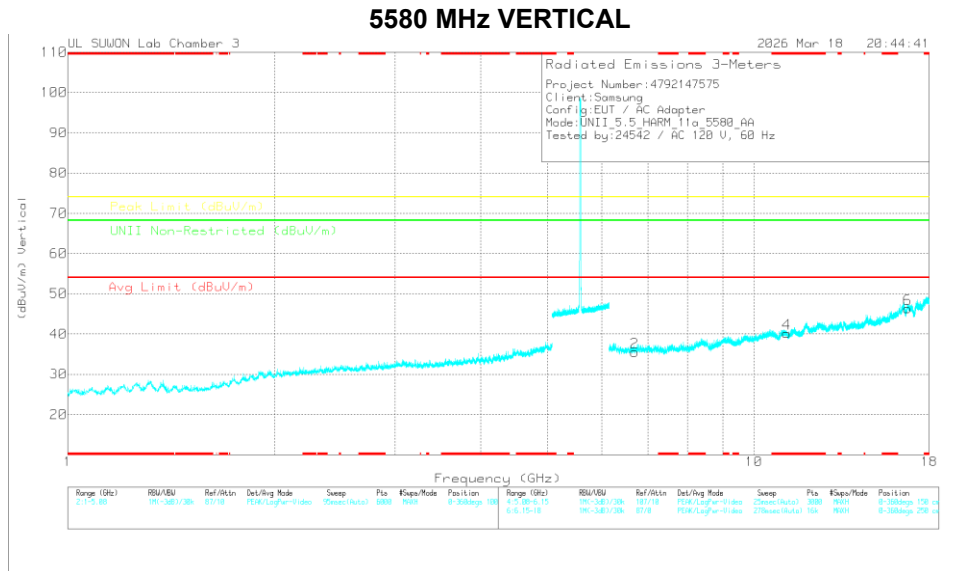
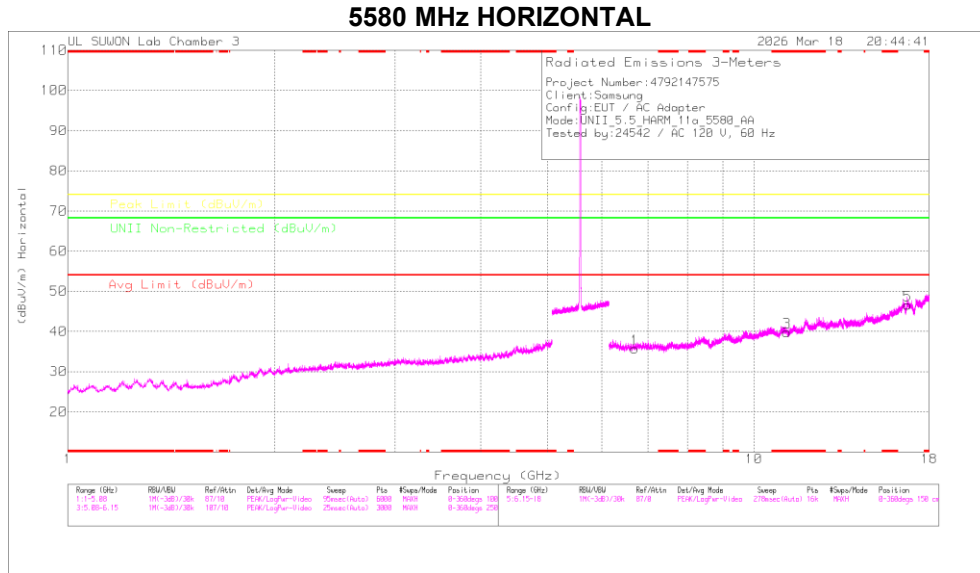
Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result dBuV/m	AV Limit dBuV/m	AV Margin [dB]	PK Limit dBuV/m	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5500	MIMO	* 5.45998	37.90	Pk	34.90	-20.10	0.00	52.70	-	-	74.00	-21.30	308	325	H
			* 5.45657	39.34	Pk	34.90	-20.10	0.00	54.14	-	-	74.00	-19.86	308	325	H
			5.46998	37.10	Pk	34.90	-20.10	0.00	51.90	-	-	68.20	-16.30	308	325	H
			5.46814	40.09	Pk	34.90	-20.20	0.00	54.79	-	-	68.20	-13.41	308	325	H
			* 5.45998	26.23	RMS	34.90	-20.10	0.49	41.52	54.00	-12.48	-	-	308	325	H
			* 5.45648	28.15	RMS	34.90	-20.10	0.49	43.44	54.00	-10.56	-	-	308	325	H
			5.46998	27.58	RMS	34.90	-20.10	0.49	42.87	-	-	-	-	308	325	H
			5.46770	28.34	RMS	34.90	-20.20	0.49	43.53	-	-	-	-	308	325	H
			5.72500	39.63	Pk	35.00	-19.50	0.00	55.13	-	-	68.20	-13.07	316	304	H
			5.72588	40.82	Pk	35.00	-19.50	0.00	56.32	-	-	68.20	-11.88	316	304	H
802.11n (HT20)	5500	MIMO	* 5.45998	36.77	Pk	34.90	-20.10	0.00	51.57	-	-	74.00	-22.43	308	364	H
			* 5.36496	39.54	Pk	34.70	-20.30	0.00	53.94	-	-	74.00	-20.06	308	364	H
			5.46998	37.48	Pk	34.90	-20.10	0.00	52.28	-	-	68.20	-15.92	308	364	H
			5.46886	39.05	Pk	34.90	-20.20	0.00	53.75	-	-	68.20	-14.45	308	364	H
			* 5.45998	26.42	RMS	34.90	-20.10	0.10	41.32	54.00	-12.68	-	-	308	364	H
			* 5.45442	27.61	RMS	34.90	-20.10	0.10	42.51	54.00	-11.49	-	-	308	364	H
			5.46998	27.95	RMS	34.90	-20.10	0.10	42.85	-	-	-	-	308	364	H
			5.46910	28.20	RMS	34.90	-20.10	0.10	43.10	-	-	-	-	308	364	H
			5.72500	38.26	Pk	35.00	-19.50	0.00	53.76	-	-	68.20	-14.44	310	100	H
			5.76318	39.63	Pk	35.00	-19.50	0.00	55.13	-	-	68.20	-13.07	310	100	H
802.11n (HT40)	5510	MIMO	* 5.45998	38.18	Pk	34.90	-20.10	0.00	52.98	-	-	74.00	-21.02	313	345	H
			* 5.45941	40.47	Pk	34.90	-20.10	0.00	55.27	-	-	74.00	-18.73	313	345	H
			5.46998	40.79	Pk	34.90	-20.10	0.00	55.59	-	-	68.20	-12.61	313	345	H
			5.46965	42.08	Pk	34.90	-20.10	0.00	56.88	-	-	68.20	-11.32	313	345	H
			* 5.45998	28.26	RMS	34.90	-20.10	0.21	43.27	54.00	-10.73	-	-	313	345	H
			* 5.45972	28.64	RMS	34.90	-20.10	0.21	43.65	54.00	-10.35	-	-	313	345	H
			5.46998	30.28	RMS	34.90	-20.10	0.21	45.29	-	-	-	-	313	345	H
			5.46959	30.58	RMS	34.90	-20.10	0.21	45.59	-	-	-	-	313	345	H
			5.72500	39.29	Pk	35.00	-19.50	0.00	54.79	-	-	68.20	-13.41	316	121	H
			5.72780	41.69	Pk	35.00	-19.50	0.00	57.19	-	-	68.20	-11.01	316	121	H
802.11ac (VHT80)	5530	MIMO	* 5.45998	40.54	Pk	34.90	-20.10	0.00	55.34	-	-	74.00	-18.66	314	324	H
			* 5.45576	42.95	Pk	34.90	-20.10	0.00	57.75	-	-	74.00	-16.25	314	324	H
			5.46998	40.79	Pk	34.90	-20.10	0.00	55.59	-	-	68.20	-12.61	314	324	H
			5.46510	43.50	Pk	34.90	-20.10	0.00	58.30	-	-	68.20	-9.90	314	324	H
			* 5.45998	29.88	RMS	34.90	-20.10	0.26	44.94	54.00	-9.06	-	-	314	324	H
			* 5.45928	31.18	RMS	34.90	-20.10	0.26	46.24	54.00	-7.76	-	-	314	324	H
			5.46998	30.61	RMS	34.90	-20.10	0.26	45.67	-	-	-	-	314	324	H
			5.46965	31.80	RMS	34.90	-20.10	0.26	46.86	-	-	-	-	314	324	H
			5.72500	39.78	Pk	35.00	-19.50	0.00	55.28	-	-	68.20	-12.92	319	293	H
			5.74655	40.50	Pk	35.00	-19.50	0.00	56.00	-	-	68.20	-12.20	319	293	H
802.11ac (VHT160)	5570 Lower	MIMO	* 5.45998	39.28	Pk	34.90	-20.10	0.00	54.08	-	-	74.00	-19.92	313	323	H
			* 5.43399	45.26	Pk	34.90	-20.20	0.00	59.96	-	-	74.00	-14.04	313	323	H
			5.46998	40.59	Pk	34.90	-20.10	0.00	55.39	-	-	68.20	-12.81	313	323	H
			5.46127	42.50	Pk	34.90	-20.10	0.00	57.30	-	-	68.20	-10.90	313	323	H
			* 5.45998	30.25	RMS	34.90	-20.10	0.26	45.31	54.00	-8.69	-	-	313	323	H
			* 5.446	32.02	RMS	34.90	-20.20	0.26	46.98	54.00	-7.02	-	-	313	323	H
			5.46998	30.88	RMS	34.90	-20.10	0.26	45.94	-	-	-	-	313	323	H
			5.46869	31.48	RMS	34.90	-20.20	0.26	46.44	-	-	-	-	313	323	H
			5.72501	42.31	Pk	35.00	-19.50	0.00	57.81	-	-	68.20	-10.39	318	272	H
			5.76987	46.15	Pk	35.00	-19.50	0.00	61.65	-	-	68.20	-6.55	318	272	H
802.11be (EHT20)	5570 Upper	MIMO	5.72501	41.45	Pk	35.00	-19.50	0.00	56.95	-	-	68.20	-11.25	240	382	V
			5.77541	45.40	Pk	35.10	-19.50	0.00	61.00	-	-	68.20	-7.20	240	382	V
			* 5.45998	36.70	Pk	34.90	-20.10	0.00	51.50	-	-	74.00	-22.50	144	155	H
			* 5.45425	38.80	Pk	34.90	-20.10	0.00	53.60	-	-	74.00	-20.40	144	155	H
			5.46998	37.99	Pk	34.90	-20.10	0.00	52.79	-	-	68.20	-15.41	144	155	H
			5.46934	40.20	Pk	34.90	-20.10	0.00	55.00	-	-	68.20	-13.20	144	155	H
			* 5.45998	26.73	RMS	34.90	-20.10	0.00	41.53	54.00	-12.47	-	-	144	155	H
			* 5.45536	27.64	RMS	34.90	-20.10	0.00	42.44	54.00	-11.56	-	-	144	155	H
			5.46998	27.98	RMS	34.90	-20.10	0.00	42.78	-	-	-	-	144	155	H
			5.46941	28.26	RMS	34.90	-20.10	0.00	43.06	-	-	-	-	144	155	H
802.11be (EHT20) MRU mode 106+26 Tone offset 82	5700	MIMO	5.72500	41.02	Pk	35.00	-19.50	0.00	56.52	-	-	68.20	-11.68	301	331	H
			5.72536	43.79	Pk	35.00	-19.50	0.00	59.29	-	-	68.20	-8.91	301	331	H
			* 5.45998	36.37	Pk	34.90	-20.10	0.00	51.17	-	-	74.00	-22.83	309	324	H
			* 5.41931	39.44	Pk	34.80	-20.20	0.00	54.04	-	-	74.00	-19.96	309	324	H
			5.46998	36.85	Pk	34.90	-20.10	0.00	51.65	-	-	68.20	-16.55	309	324	H
			5.46624	38.35	Pk	34.90	-20.10	0.00	53.15	-	-	68.20	-15.05	309	324	H
			* 5.45998	26.67	RMS	34.90	-20.10	0.00	41.47	54.00	-12.53	-	-	309	324	H
			* 5.45022	27.78	RMS	34.90	-20.20	0.00	42.48	54.00	-11.52	-	-	309	324	H
			5.46998	27.09	RMS	34.90	-20.10	0.00	41.89	-	-	-	-	309	324	H
			5.46366	27.65	RMS	34.90	-20.20	0.00	42.35	-	-	-	-	309	324	H
offset 83	5700	MIMO	5.72500	37.01	Pk	35.00	-19.50	0.00	52.51	-	-	68.20	-15.69	309	302	H
			5.72746	39.90	Pk	35.00	-19.50	0.00	55.40	-	-	68.20	-12.80	309	302	H
			* 5.45998	40.08	Pk	34.90	-20.10	0.00	54.88	-	-	74.00	-19.12	144	155	H
			* 5.45994	41.61	Pk	34.90	-20.10	0.00	56.41	-	-	74.00	-17.59	144	155	H
			5.46998	43.24	Pk	34.90	-20.10	0.00	58.04	-	-	68.20	-10.16	144	155	H
			5.46602	46.51	Pk	34.90	-20.10	0.00	61.31	-	-	68.20	-6.89	144	155	H
			* 5.45998	28.97	RMS	34.90	-20.10	0.00	43.77	54.00	-10.23	-	-	144	155	H
			* 5.45941	29.22	RMS	34.90	-20.10	0.00	44.02	54.00	-9.98	-	-	144	155	H
			5.46998	32.55	RMS	34.90	-20.10	0.00	47.35	-	-	-	-	144	155	H
			5.46956	33.55	RMS	34.90	-20.10	0.00	48.35	-	-	-	-	144	155	H
802.11be (EHT40)	5670	MIMO	5.72500	38.03	Pk	35.00	-19.50	0.00	53.53	-	-	68.20	-14.67	309	289	H
			5.72602	40.59	Pk	35.00	-19.50	0.00	56.09	-	-	68.20	-12.11	309	289	H
			* 5.45998	40.08	Pk	34.90	-20.10	0.00	54.88	-	-	74.00	-19.12	144	155	H
			* 5.45994	41.61	Pk	34.90	-20.10	0.00	56.41	-	-	74.00	-17.59	144	155	H
			5.46998	43.24	Pk	34.90	-20.10	0.00	58.04	-	-	68.20	-10.16	144	155	H
			5.46602	46.51	Pk	34.90	-20.10	0.00	61.31	-	-	68.20	-6.89	144	155	H
			* 5.45998	28.97	RMS	34.90	-20.10	0.00	43.77	54.00	-10.23	-	-	144	155	H
			* 5.45941	29.22	RMS	34.90	-20.10	0.00	44.02	54.00	-9.98	-	-	144	155	H
			5.46998	32.55	RMS	34.90	-20.10	0.00	47.35	-	-	-	-	144	155	H
			5.46956	33.55	RMS	34.90	-20.10	0.00	48.35	-	-	-	-	144	155	H

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11be (EHT80)	5530	MIMO	* 5.45998	44.06	Pk	34.90	-20.10	0.00	58.86	-	-	74.00	-15.14	148	259	H
			* 5.45915	46.68	Pk	34.90	-20.10	0.00	61.48	-	-	74.00	-12.52	148	259	H
			5.46998	45.23	Pk	34.90	-20.10	0.00	60.03	-	-	68.20	-8.17	148	259	H
			5.46878	47.92	Pk	34.90	-20.20	0.00	62.62	-	-	68.20	-5.58	148	259	H
			* 5.45998	33.63	RMS	34.90	-20.10	0.00	48.43	54.00	-5.57	-	-	148	259	H
			* 5.45773	34.08	RMS	34.90	-20.10	0.00	48.88	54.00	-5.12	-	-	148	259	H
			5.46998	33.89	RMS	34.90	-20.10	0.00	48.69	-	-	-	-	148	259	H
			5.46587	34.94	RMS	34.90	-20.10	0.00	49.74	-	-	-	-	148	259	H
			5.72500	38.57	Pk	35.00	-19.50	0.00	54.07	-	-	68.20	-14.13	311	254	H
			5.74401	40.71	Pk	35.00	-19.50	0.00	56.21	-	-	68.20	-11.99	311	254	H
802.11be (EHT80) MRU mode 484+242 Tone offset 93	5530	MIMO	* 5.45998	43.56	Pk	34.90	-20.10	0.00	58.36	-	-	74.00	-15.64	170	108	H
			* 5.45906	45.86	Pk	34.90	-20.10	0.00	60.66	-	-	74.00	-13.34	170	108	H
			5.46998	47.43	Pk	34.90	-20.10	0.00	62.23	-	-	68.20	-5.97	170	108	H
			5.46832	50.05	Pk	34.90	-20.20	0.00	64.75	-	-	68.20	-3.45	170	108	H
			* 5.45998	30.58	RMS	34.90	-20.10	0.17	45.55	54.00	-8.45	-	-	170	108	H
			* 5.45948	31.71	RMS	34.90	-20.10	0.17	46.68	54.00	-7.32	-	-	170	108	H
			5.46998	35.32	RMS	34.90	-20.10	0.17	50.29	-	-	-	-	170	108	H
			5.46950	36.59	RMS	34.90	-20.10	0.17	51.56	-	-	-	-	170	108	H
			* 5.45998	43.56	Pk	34.90	-20.10	0.00	58.36	-	-	74.00	-15.64	232	298	V
			* 5.45635	46.63	Pk	34.90	-20.10	0.00	61.43	-	-	74.00	-12.57	232	298	V
			5.46998	45.79	Pk	34.90	-20.10	0.00	60.59	-	-	68.20	-7.61	232	298	V
			5.46252	47.58	Pk	34.90	-20.20	0.00	62.28	-	-	68.20	-5.92	232	298	V
			* 5.45998	34.10	RMS	34.90	-20.10	0.17	49.07	54.00	-4.93	-	-	232	298	V
			* 5.45871	34.95	RMS	34.90	-20.10	0.17	49.92	54.00	-4.08	-	-	232	298	V
			5.46998	34.84	RMS	34.90	-20.10	0.17	49.81	-	-	-	-	232	298	V
			5.46681	36.21	RMS	34.90	-20.10	0.17	51.18	-	-	-	-	232	298	V
			5.72500	40.06	Pk	35.00	-19.50	0.00	55.56	-	-	68.20	-12.64	308	335	H
			5.72672	42.99	Pk	35.00	-19.50	0.00	58.49	-	-	68.20	-9.71	308	335	H
			* 5.45998	43.82	Pk	34.90	-20.10	0.00	58.62	-	-	74.00	-15.38	303	347	H
			* 5.43486	54.18	Pk	34.90	-20.20	0.00	68.88	-	-	74.00	-5.12	303	347	H
802.11be (EHT160)	5570 Lower	MIMO	5.46998	43.99	Pk	34.90	-20.10	0.00	58.79	-	-	68.20	-9.41	303	347	H
			* 5.43486	54.18	Pk	34.90	-20.20	0.00	68.88	-	-	74.00	-5.12	303	347	H
			* 5.45998	32.87	RMS	34.90	-20.10	0.00	47.67	54.00	-6.33	-	-	303	347	H
			* 5.44237	35.44	RMS	34.90	-20.20	0.00	50.14	54.00	-3.86	-	-	303	347	H
			5.46998	33.17	RMS	34.90	-20.10	0.00	47.97	-	-	-	-	303	347	H
			5.46560	34.15	RMS	34.90	-20.10	0.00	48.95	-	-	-	-	303	347	H
			5.72501	47.43	Pk	35.00	-19.50	0.00	62.93	-	-	68.20	-5.27	309	237	H
			5.72557	50.29	Pk	35.00	-19.50	0.00	65.79	-	-	68.20	-2.41	309	237	H
			5.72501	45.09	Pk	35.00	-19.50	0.00	60.59	-	-	68.20	-7.61	250	392	V
			5.72748	50.14	Pk	35.00	-19.50	0.00	65.64	-	-	68.20	-2.56	250	392	V
802.11be (EHT160) MRU mode 996+484 Tone offset 1095	5570 Lower	MIMO	* 5.45998	41.96	Pk	34.90	-20.10	0.00	56.76	-	-	74.00	-17.24	168	120	H
			* 5.45226	45.99	Pk	34.90	-20.10	0.00	60.79	-	-	74.00	-13.21	168	120	H
			5.46998	42.18	Pk	34.90	-20.10	0.00	56.98	-	-	68.20	-11.22	168	120	H
			5.46210	45.40	Pk	34.90	-20.20	0.00	60.10	-	-	68.20	-8.10	168	120	H
			* 5.45998	30.51	RMS	34.90	-20.10	0.18	45.49	54.00	-8.51	-	-	168	120	H
			* 5.44852	32.31	RMS	34.90	-20.10	0.18	47.29	54.00	-6.71	-	-	168	120	H
			5.46998	30.46	RMS	34.90	-20.10	0.18	45.44	-	-	-	-	168	120	H
			5.46889	32.27	RMS	34.90	-20.20	0.18	47.15	-	-	-	-	168	120	H
offset 94	5570 Upper	MIMO	5.72501	43.75	Pk	35.00	-19.50	0.00	59.25	-	-	68.20	-8.95	298	386	H
			5.72771	45.17	Pk	35.00	-19.50	0.00	60.67	-	-	68.20	-7.53	298	386	H

Note1. Pk - Peak detector, RMS - RMS detector

Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 802.11a / 5580 MHz)



Note. Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

5580 MHz DATA

Radiated Emissions

Frequency (GHz)	Antenna Factor (dBm)	Antenna Factor (dBm)	Antenna Factor (dBm)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (deg)	Height (cm)	Polarity
6.69504	37.52	PK-U	36	-27.1	0	46.42	-	-	-	68.2	-21.78	107	270	H
6.69593	37.9	PK-U	36	-27.1	0	46.8	-	-	-	68.2	-21.4	102	284	V
*11.15449	34.24	PK-U	38.1	-21.3	0	51.04	-	74	-22.06	-	-	216	248	H
*11.15237	22.69	ADR	38.1	-21.3	.49	39.98	54	-14.02	-	-	-	216	248	H
*11.15495	34.31	PK-U	38.1	-21.3	0	51.11	-	74	-22.89	-	-	196	312	V
*11.15517	23.04	ADR	38.1	-21.3	.49	40.33	54	-13.67	-	-	-	196	312	V
16.73752	33.57	PK-U	41.8	-18.1	0	57.27	-	-	-	68.2	-10.93	0	100	H
16.73852	32.61	PK-U	41.8	-18.1	0	56.31	-	-	-	68.2	-11.89	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result dBuV/m	AV Limit dBuV/m	AV Margin [dB]	PK Limit dBuV/m	PK Margin [dB]	Non-Restricted [dBuV/m]	Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5500	MIMO	6.596	37.74	PK-U	36.00	-26.60	0.00	47.14	-	-	-	-	68.20	-21.06	117	100	H
			6.600	37.60	PK-U	36.00	-26.60	0.00	47.00	-	-	-	-	68.20	-21.20	176	376	V
			*11.00045	33.77	PK-U	38.00	-21.00	0.00	50.77	-	-	74.00	-23.23	-	-	166	146	H
			*11.00015	22.15	ADR	38.00	-21.00	0.49	39.64	54.00	-14.36	-	-	-	-	166	146	H
			*11.00014	33.66	PK-U	38.00	-21.00	0.00	50.66	-	-	74.00	-23.34	-	-	138	151	V
			*11.00142	21.63	ADR	38.00	-20.90	0.49	39.22	54.00	-14.78	-	-	-	-	138	151	V
			16.505	33.92	PK-U	41.60	-18.90	0.00	56.62	-	-	-	-	68.20	-11.58	0	100	H
			16.503	33.72	PK-U	41.60	-18.90	0.00	56.42	-	-	-	-	68.20	-11.78	0	100	V
			6.696	37.52	PK-U	36.00	-27.10	0.00	46.42	-	-	-	-	68.20	-21.78	107	270	H
			6.696	37.90	PK-U	36.00	-27.10	0.00	46.80	-	-	-	-	68.20	-21.40	102	284	V
			*11.15449	34.24	PK-U	38.10	-21.30	0.00	51.04	-	-	74.00	-22.96	-	-	216	248	H
			*11.15237	22.69	ADR	38.10	-21.30	0.49	39.98	54.00	-14.02	-	-	-	-	216	248	H
	5580	MIMO	*11.15495	34.31	PK-U	38.10	-21.30	0.00	51.11	-	-	74.00	-22.89	-	-	196	312	V
			*11.15517	23.04	ADR	38.10	-21.30	0.49	40.33	54.00	-13.67	-	-	-	-	196	312	V
			16.738	33.57	PK-U	41.80	-18.10	0.00	57.27	-	-	-	-	68.20	-10.93	0	100	H
			16.739	32.61	PK-U	41.80	-18.10	0.00	56.31	-	-	-	-	68.20	-11.89	0	100	V
			6.840	38.53	PK-U	36.00	-26.60	0.00	47.93	-	-	-	-	68.20	-20.27	116	100	H
			6.839	37.59	PK-U	36.00	-26.60	0.00	46.99	-	-	-	-	68.20	-21.21	199	100	V
			*11.39427	32.58	PK-U	38.10	-21.00	0.00	49.68	-	-	74.00	-24.32	-	-	0	100	H
			*11.40759	32.74	PK-U	38.10	-21.00	0.00	49.84	-	-	74.00	-24.16	-	-	0	100	V
			17.104	31.21	PK-U	41.40	-17.10	0.00	55.51	-	-	-	-	68.20	-12.89	0	100	H
			17.106	31.55	PK-U	41.40	-17.10	0.00	55.85	-	-	-	-	68.20	-12.35	0	100	V
			6.864	38.32	PK-U	36.00	-26.60	0.00	47.72	-	-	-	-	68.20	-20.48	121	103	H
			6.864	37.06	PK-U	36.00	-26.60	0.00	46.46	-	-	-	-	68.20	-21.74	235	116	V
	5700	MIMO	*11.44538	32.86	PK-U	38.20	-21.00	0.00	50.06	-	-	74.00	-23.94	-	-	0	100	H
			*11.43722	33.20	PK-U	38.20	-20.90	0.00	50.50	-	-	74.00	-23.50	-	-	0	100	V
			17.162	32.50	PK-U	41.30	-16.90	0.00	56.90	-	-	-	-	68.20	-11.30	0	100	H
			17.157	32.05	PK-U	41.30	-17.00	0.00	56.35	-	-	-	-	68.20	-11.85	0	100	V
			6.696	38.27	PK-U	36.00	-27.10	0.00	47.17	-	-	-	-	68.20	-21.03	135	259	H
			6.696	37.76	PK-U	36.00	-27.00	0.00	46.76	-	-	-	-	68.20	-21.44	206	100	V
			*11.16269	34.11	PK-U	38.10	-21.40	0.00	50.61	-	-	74.00	-23.19	-	-	0	100	H
			*11.16268	34.22	PK-U	38.10	-21.40	0.00	50.92	-	-	74.00	-23.08	-	-	0	100	V
			16.739	32.73	PK-U	41.80	-18.10	0.00	56.43	-	-	-	-	68.20	-11.77	0	100	H
			16.743	33.07	PK-U	41.80	-17.90	0.00	56.97	-	-	-	-	68.20	-11.23	0	100	V
	5720	MIMO	6.864	38.32	PK-U	36.00	-26.60	0.00	47.72	-	-	-	-	68.20	-20.48	121	103	H
			6.864	37.06	PK-U	36.00	-26.60	0.00	46.46	-	-	-	-	68.20	-21.74	235	116	V
			*11.44538	32.86	PK-U	38.20	-21.00	0.00	50.06	-	-	74.00	-23.94	-	-	0	100	H
			*11.43722	33.20	PK-U	38.20	-20.90	0.00	50.50	-	-	74.00	-23.50	-	-	0	100	V
			17.162	32.50	PK-U	41.30	-16.90	0.00	56.90	-	-	-	-	68.20	-11.30	0	100	H
			17.157	32.05	PK-U	41.30	-17.00	0.00	56.35	-	-	-	-	68.20	-11.85	0	100	V
			6.696	38.27	PK-U	36.00	-27.10	0.00	47.17	-	-	-	-	68.20	-21.03	135	259	H
			6.696	37.76	PK-U	36.00	-27.00	0.00	46.76	-	-	-	-	68.20	-21.44	206	100	V
			*11.16269	34.11	PK-U	38.10	-21.40	0.00	50.61	-	-	74.00	-23.19	-	-	0	100	H
			*11.16268	34.22	PK-U	38.10	-21.40	0.00	50.92	-	-	74.00	-23.08	-	-	0	100	V
			16.739	32.73	PK-U	41.80	-18.10	0.00	56.43	-	-	-	-	68.20	-11.77	0	100	H
			16.743	33.07	PK-U	41.80	-17.90	0.00	56.97	-	-	-	-	68.20	-11.23	0	100	V
802.11be EHT20 RU mode 106 Tone offset 53 Spot-check	5580	MIMO	6.696	38.27	PK-U	36.00	-27.10	0.00	47.17	-	-	-	-	68.20	-21.03	135	259	H
			6.696	37.76	PK-U	36.00	-27.00	0.00	46.76	-	-	-	-	68.20	-21.44	206	100	V
			*11.16269	34.11	PK-U	38.10	-21.40	0.00	50.61	-	-	74.00	-23.19	-	-	0	100	H
			*11.16268	34.22	PK-U	38.10	-21.40	0.00	50.92	-	-	74.00	-23.08	-	-	0	100	V
			16.739	32.73	PK-U	41.80	-18.10	0.00	56.43	-	-	-	-	68.20	-11.77	0	100	H
			16.743	33.07	PK-U	41.80	-17.90	0.00	56.97	-	-	-	-	68.20	-11.23	0	100	V

Note1. PK-U - U-NII: Maximum Peak / ADR - U-NII AD primary method, RMS average

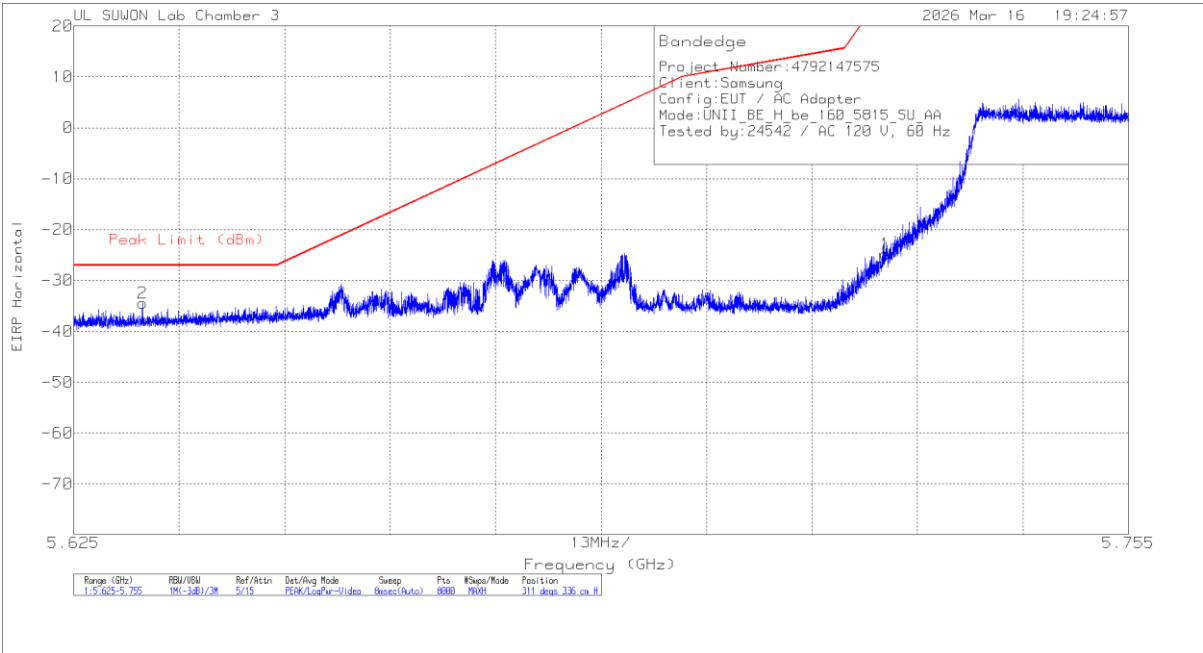
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Note3. Noise floor (802.11a, 5580 MHz minimum margin data)

11.4. TX ABOVE 1GHz 2Tx MODE IN THE 5.8 GHz BAND

BANDEDGE (WORST CASE: 802.11be EHT160 / 5815 MHz Lower)

HORIZONTAL PEAK DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	Antenna Factor (dB/m)	10dB_Path Loss(dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-52	Pk	34.9	-19.5	11.8	0	-24.8	27	-51.8	311	336	H
2	5.63345	-61.3	Pk	34.9	-19.8	11.8	0	-34.4	-27	-7.4	311	336	H

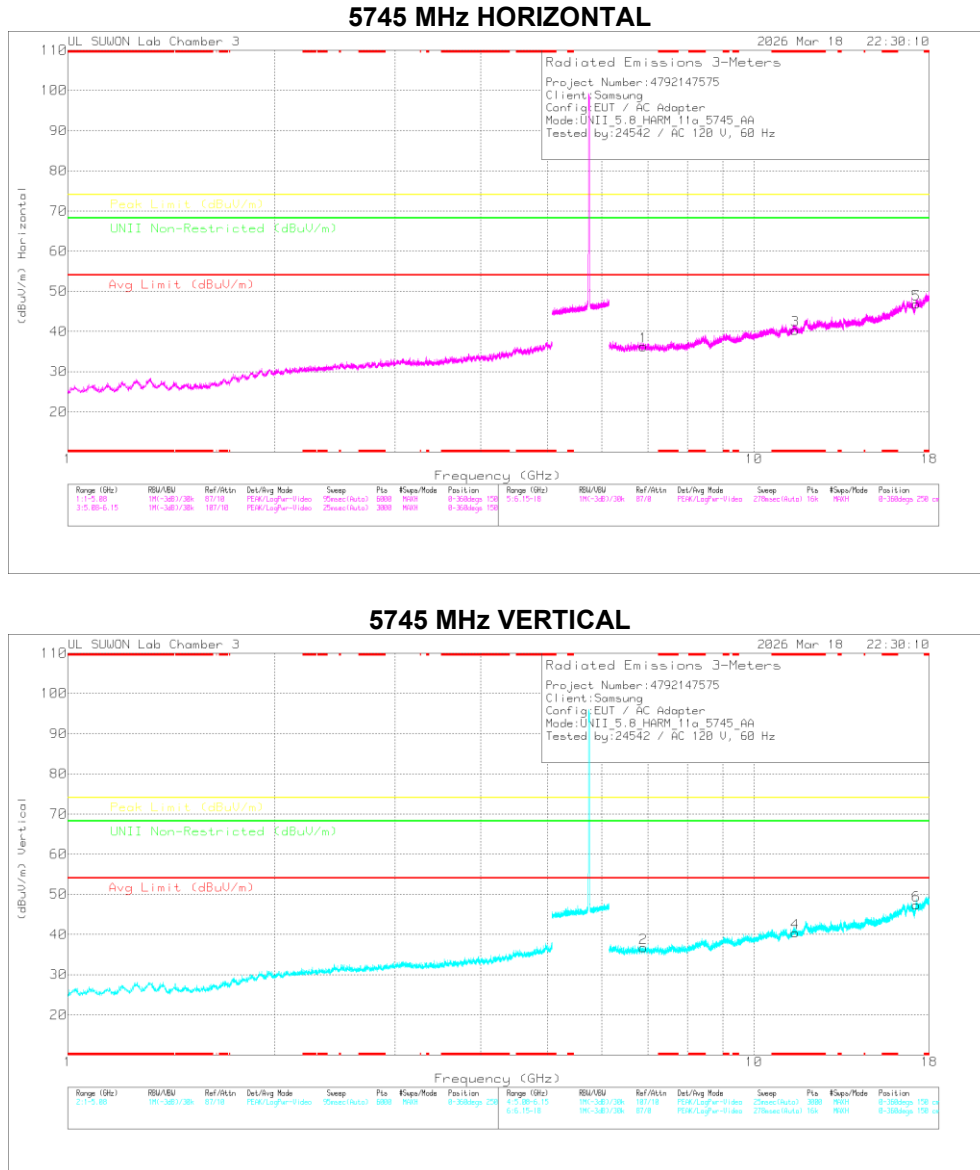
Pk - Peak detector

BANDEDGE TEST DATA

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBm]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	Conv. F [dB]	DC Corr [dB]	Result [dBm]	PK Limit [dBm]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5745	MIMO	5.72500	-64.24	Pk	34.90	-19.50	11.80	0.00	-37.04	27.00	-64.04	301	331	H
			5.64948	-64.89	Pk	34.90	-19.80	11.80	0.00	-37.99	-27.00	-10.99	301	331	H
802.11n (HT20)	5745	MIMO	5.72500	-60.21	Pk	34.90	-19.50	11.80	0.00	-33.01	27.00	-60.01	309	387	H
			5.62661	-64.84	Pk	34.90	-19.90	11.80	0.00	-38.04	-27.00	-11.04	309	387	H
802.11n (HT40)	5755	MIMO	5.72500	-52.39	Pk	34.90	-19.50	11.80	0.00	-25.19	27.00	-52.19	316	277	H
			5.64848	-61.96	Pk	34.90	-19.80	11.80	0.00	-35.06	-27.00	-8.06	316	277	H
802.11ac (VHT80)	5775 (Lower Side)	MIMO	5.72500	-54.17	Pk	34.90	-19.50	11.80	0.00	-26.97	27.00	-53.97	308	329	H
			5.64870	-63.69	Pk	34.90	-19.80	11.80	0.00	-36.79	-27.00	-9.79	308	329	H
802.11ac (VHT160)	5815 (Lower Side)	MIMO	5.72500	-55.18	Pk	34.90	-19.50	11.80	0.00	-27.98	27.00	-54.98	313	329	H
			5.64291	-62.95	Pk	34.90	-19.80	11.80	0.00	-36.05	-27.00	-9.05	313	329	H
			5.72500	-52.95	Pk	34.90	-19.50	11.80	0.00	-25.75	27.00	-52.75	255	400	V
			5.63594	-64.27	Pk	34.90	-19.80	11.80	0.00	-37.37	-27.00	-10.37	255	400	V
802.11be (EHT20)	5745	MIMO	5.72500	-53.01	Pk	34.90	-19.50	11.80	0.00	-25.81	27.00	-52.81	311	314	H
			5.64244	-64.81	Pk	34.90	-19.80	11.80	0.00	-37.91	-27.00	-10.91	311	314	H
802.11be (EHT20) MRU mode 106+26 Tone offset 82	5745	MIMO	5.72500	-64.65	Pk	34.90	-19.50	11.80	0.00	-37.45	27.00	-64.45	316	330	H
			5.64042	-64.64	Pk	34.90	-19.80	11.80	0.00	-37.74	-27.00	-10.74	316	330	H
802.11be (EHT40)	5755	MIMO	5.72500	-53.07	Pk	34.90	-19.50	11.80	0.00	-25.87	27.00	-52.87	311	329	H
			5.64466	-64.98	Pk	34.90	-19.80	11.80	0.00	-38.08	-27.00	-11.08	311	329	H
802.11be (EHT80)	5775 (Lower Side)	MIMO	5.72500	-53.83	Pk	34.90	-19.50	11.80	0.00	-26.63	27.00	-53.63	311	329	H
			5.64450	-63.45	Pk	34.90	-19.80	11.80	0.00	-36.55	-27.00	-9.55	311	329	H
802.11be (EHT80) MRU mode 484+242 Tone offset 93	5775 (Lower Side)	MIMO	5.72500	-54.06	Pk	34.90	-19.50	11.80	0.00	-26.86	27.00	-53.86	311	298	H
			5.63223	-64.20	Pk	34.90	-19.80	11.80	0.00	-37.30	-27.00	-10.30	311	298	H
802.11be (EHT160)	5815 Lower	MIMO	5.72500	-52.00	Pk	34.90	-19.50	11.80	0.00	-24.80	27.00	-51.80	311	336	H
			5.63345	-61.30	Pk	34.90	-19.80	11.80	0.00	-34.40	-27.00	-7.40	311	336	H
			5.72500	-56.09	Pk	34.90	-19.50	11.80	0.00	-28.89	27.00	-55.89	229	311	V
			5.65746	-57.72	Pk	34.90	-19.70	11.80	0.00	-30.72	-21.48	-9.24	229	311	V
802.11be (EHT160) MRU mode 996+484 Tone offset 1095	5815 Lower	MIMO	5.72500	-52.69	Pk	34.90	-19.50	11.80	0.00	-25.49	27.00	-52.49	321	298	H
			5.65198	-61.80	Pk	34.90	-19.80	11.80	0.00	-34.90	-25.54	-9.36	321	298	H
			5.72500	-57.08	Pk	34.90	-19.50	11.80	0.00	-29.88	27.00	-56.88	260	347	V
			5.64949	-63.86	Pk	34.90	-19.80	11.80	0.00	-36.96	-27.00	-9.96	260	347	V

Note. Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 802.11a / 5745 MHz)



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

5745 MHz DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBm)	Det	Antenna Factor (dB/m)	GHz_HF_Futh Loss(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (feet)	Height (m)	Polarity
6.89388	38.28	PK-U	36	-26.6	0	47.58	-	-	-	-	68.2	-20.52	166	103	V
6.89322	37.48	PK-U	36	-26.6	0	45.88	-	-	-	-	68.2	-21.32	210	104	H
*11.49375	33.28	PK-U	38.2	-21.1	0	50.38	-	-	74	-23.62	-	-	0	100	V
*11.49411	33.02	PK-U	38.2	-21.1	0	50.12	-	-	74	-23.88	-	-	0	100	H
17.22747	31.95	PK-U	41.1	-16.1	0	56.95	-	-	-	-	68.2	-11.25	0	100	V
17.23655	32.04	PK-U	41.1	-16.3	0	56.84	-	-	-	-	68.2	-11.36	0	100	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Non-Restricted [dBuV/m]	Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5745	MIMO	6.894	38.28	PK-U	36.00	-26.60	0.00	47.68	-	-	-	-	68.20	-20.52	166	103	V
			6.893	37.48	PK-U	36.00	-26.60	0.00	46.88	-	-	-	-	68.20	-21.32	210	104	H
			* 11.49375	33.28	PK-U	38.20	-21.10	0.00	50.38	-	-	74.00	-23.62	-	-	0	100	V
			* 11.4941	33.02	PK-U	38.20	-21.10	0.00	50.12	-	-	74.00	-23.88	-	-	0	100	H
			17.227	31.95	PK-U	41.10	-16.10	0.00	56.95	-	-	-	-	68.20	-11.25	0	100	V
			17.237	32.04	PK-U	41.10	-16.30	0.00	56.84	-	-	-	-	68.20	-11.36	0	100	H
	5785	MIMO	6.942	37.41	PK-U	36.00	-26.50	0.00	46.91	-	-	-	-	68.20	-21.29	208	106	H
			6.947	37.67	PK-U	36.00	-26.40	0.00	47.27	-	-	-	-	68.20	-20.93	169	106	V
			* 11.56984	33.24	PK-U	38.20	-21.30	0.00	50.14	-	-	74.00	-23.86	-	-	0	100	H
			* 11.57092	34.20	PK-U	38.20	-21.30	0.00	51.10	-	-	74.00	-22.90	-	-	0	100	V
			17.354	33.04	PK-U	41.10	-16.60	0.00	57.54	-	-	-	-	68.20	-10.66	0	100	H
			17.352	33.14	PK-U	41.10	-16.80	0.00	57.44	-	-	-	-	68.20	-10.76	0	100	V
	5825	MIMO	6.990	36.87	PK-U	36.00	-26.30	0.00	46.57	-	-	-	-	68.20	-21.63	223	101	H
			6.991	36.84	PK-U	36.00	-26.20	0.00	46.64	-	-	-	-	68.20	-21.56	163	113	V
			* 11.65059	33.72	PK-U	38.30	-21.30	0.00	50.72	-	-	74.00	-23.28	-	-	0	100	H
			* 11.64989	34.12	PK-U	38.30	-21.30	0.00	51.12	-	-	74.00	-22.88	-	-	0	100	V
			17.475	32.67	PK-U	41.10	-15.90	0.00	57.87	-	-	-	-	68.20	-10.33	0	100	H
			17.479	31.97	PK-U	41.20	-15.90	0.00	57.27	-	-	-	-	68.20	-10.93	0	100	V
802.11be EHT20 RU mode 106 Tone offset 54 Spot-check	5745	MIMO	6.891	37.41	PK-U	36.00	-26.60	0.00	46.81	-	-	-	-	68.20	-21.39	210	104	H
			6.894	37.58	PK-U	36.00	-26.60	0.00	46.98	-	-	-	-	68.20	-21.22	166	101	V
			* 11.49357	32.35	PK-U	38.20	-21.10	0.00	49.45	-	-	74.00	-24.55	-	-	0	100	H
			* 11.4871	33.08	PK-U	38.20	-21.20	0.00	50.08	-	-	74.00	-23.92	-	-	0	100	V
			17.239	32.14	PK-U	41.10	-16.30	0.00	56.94	-	-	-	-	68.20	-11.26	0	100	H
			17.232	32.05	PK-U	41.10	-16.20	0.00	56.95	-	-	-	-	68.20	-11.25	0	100	V

Note1. PK-U - U-NII: Maximum Peak / ADR - U-NII AD primary method, RMS average

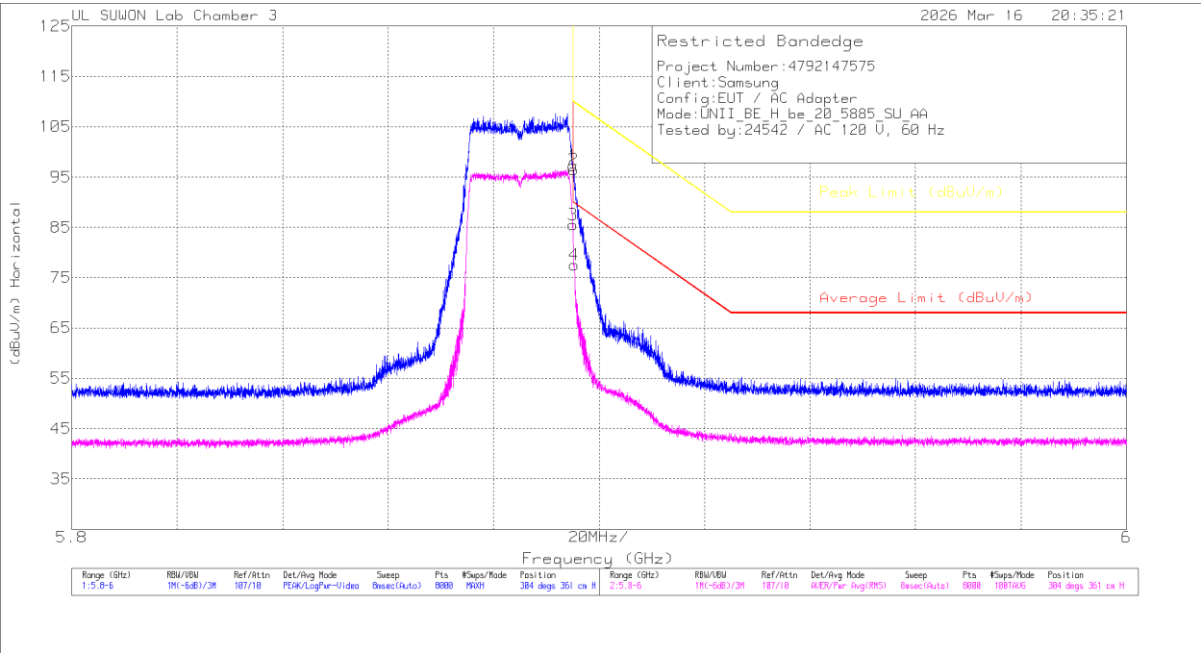
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Note3. In the worst case, the noise floor is excluded.

11.5. TX ABOVE 1GHz 2Tx MODE IN THE 5.9 GHz BAND

BANDEDGE (WORST CASE: 802.11be EHT20 / 5885 MHz)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Factor (dB/m)	10dB_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	5.89501	81.4	Pk	35.4	-19.5	0	97.3	-	-	109.99	-12.69	304	361	H
2	5.89519	80.63	Pk	35.4	-19.5	0	96.53	-	-	109.86	-13.33	304	361	H
3	5.89501	69.64	RMS	35.4	-19.5	0	85.54	89.99	-4.45	-	-	304	361	H
4	5.89529	61.65	RMS	35.4	-19.5	0	77.55	89.79	-12.24	-	-	304	361	H

Pk - Peak detector
RMS - RMS detection

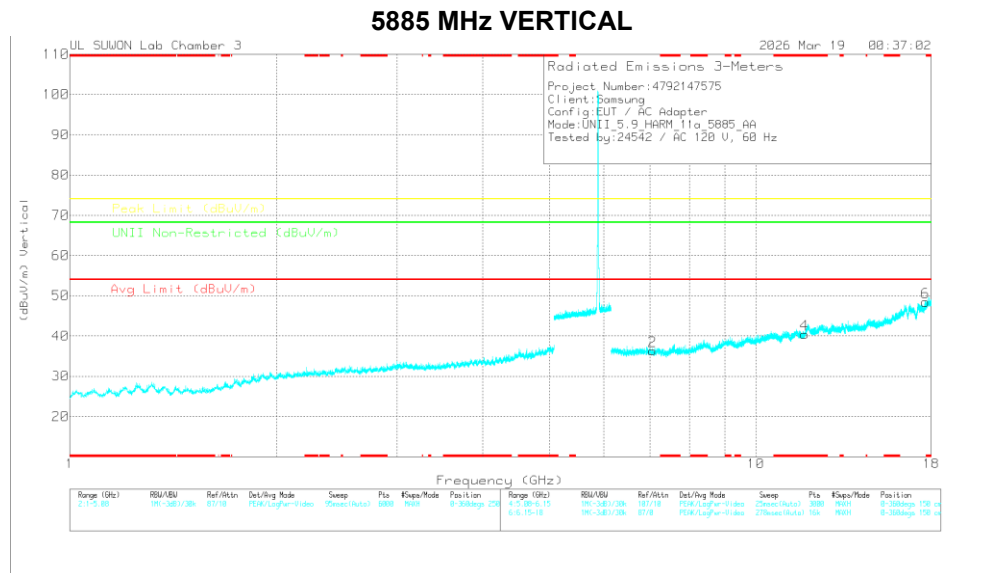
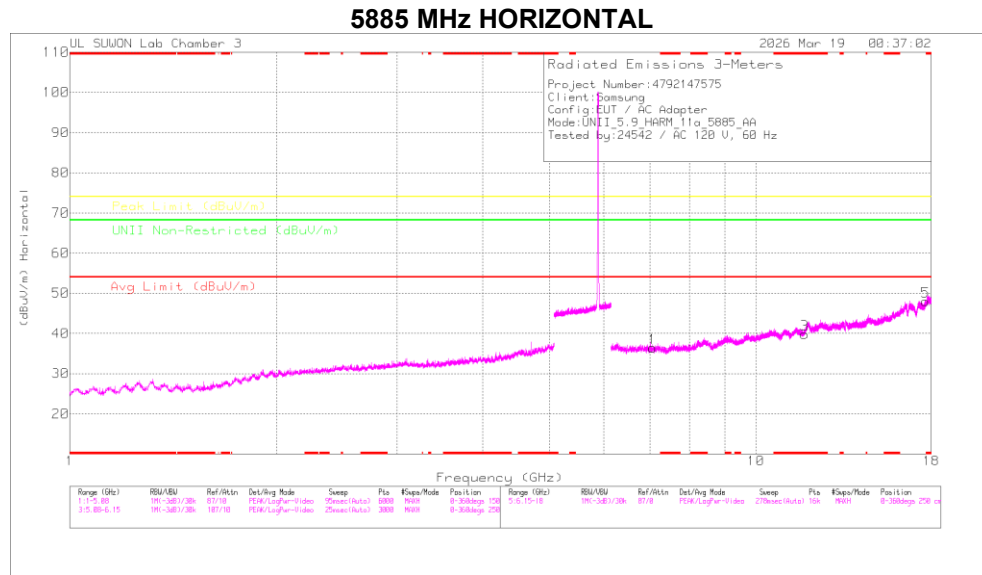
BANDEDGE TEST DATA

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dBm]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5885	MIMO	5.895	69.18	Pk	35.40	-19.50	0.00	85.08	-	-	109.99	-24.91	311	343	H
			5.895	69.70	Pk	35.40	-19.50	0.00	85.60	-	-	109.97	-24.37	311	343	H
			5.895	55.54	RMS	35.40	-19.50	0.49	71.93	89.99	-18.06	-	-	311	343	H
			5.895	56.31	RMS	35.40	-19.50	0.49	72.70	89.92	-17.22	-	-	311	343	H
802.11n (HT20)	5885	MIMO	5.895	75.89	Pk	35.40	-19.50	0.00	91.79	-	-	109.99	-18.20	316	101	H
			5.895	75.06	Pk	35.40	-19.50	0.00	90.96	-	-	109.94	-18.98	316	101	H
			5.895	59.01	RMS	35.40	-19.50	0.10	75.01	89.99	-14.98	-	-	316	100	H
			5.895	60.15	RMS	35.40	-19.50	0.10	76.15	89.97	-13.82	-	-	316	100	H
			5.895	72.66	Pk	35.40	-19.50	0.00	88.56	-	-	109.99	-21.43	137	340	V
			5.895	72.22	Pk	35.40	-19.50	0.00	88.12	-	-	109.92	-21.80	137	340	V
			5.895	57.16	RMS	35.40	-19.50	0.10	73.16	89.99	-16.83	-	-	137	340	V
			5.895	56.98	RMS	35.40	-19.50	0.10	72.98	89.95	-16.97	-	-	137	340	V
802.11n (HT40)	5875	MIMO	5.895	67.75	Pk	35.40	-19.50	0.00	83.65	-	-	109.99	-26.34	300	104	H
			5.895	68.16	Pk	35.40	-19.50	0.00	84.06	-	-	109.97	-25.91	300	104	H
			5.895	51.08	RMS	35.40	-19.50	0.21	67.19	89.99	-22.80	-	-	300	104	H
			5.895	52.25	RMS	35.40	-19.50	0.21	68.36	89.90	-21.54	-	-	300	104	H
802.11ac (VHT80)	5855	MIMO	5.895	64.43	Pk	35.40	-19.50	0.00	80.33	-	-	109.99	-29.66	300	104	H
			5.895	66.19	Pk	35.40	-19.50	0.00	82.09	-	-	109.77	-27.68	300	104	H
			5.895	49.24	RMS	35.40	-19.50	0.26	65.40	89.99	-24.59	-	-	300	104	H
			5.930	30.00	RMS	35.50	-19.40	0.26	46.36	68.00	-21.64	-	-	300	104	H
802.11ac (VHT160)	5815 Upper	MIMO	5.895	62.81	Pk	35.40	-19.50	0.00	78.71	-	-	109.99	-31.28	311	330	H
			5.959	46.26	Pk	35.60	-19.40	0.00	62.46	-	-	88.00	-25.54	311	330	H
			5.895	46.22	RMS	35.40	-19.50	0.26	62.38	89.99	-27.61	-	-	311	330	H
			5.935	32.16	RMS	35.50	-19.40	0.26	48.52	68.00	-19.48	-	-	311	330	H
802.11be (EHT20)	5885	MIMO	5.895	81.40	Pk	35.40	-19.50	0.00	97.30	-	-	109.99	-12.69	304	361	H
			5.895	80.63	Pk	35.40	-19.50	0.00	96.53	-	-	109.86	-13.33	304	361	H
			5.895	69.64	RMS	35.40	-19.50	0.00	85.54	89.99	-4.45	-	-	304	361	H
			5.895	61.65	RMS	35.40	-19.50	0.00	77.55	89.79	-12.24	-	-	304	361	H
			5.895	77.99	Pk	35.40	-19.50	0.00	93.89	-	-	109.99	-16.10	234	121	V
			5.895	78.77	Pk	35.40	-19.50	0.00	94.67	-	-	109.97	-15.30	234	121	V
			5.895	67.21	RMS	35.40	-19.50	0.00	83.11	89.99	-6.88	-	-	234	121	V
			5.895	64.73	RMS	35.40	-19.50	0.00	80.63	89.92	-9.29	-	-	234	121	V
802.11be (EHT20) MRU mode 106+26 Tone offset 83	5885	MIMO	5.895	81.18	Pk	35.40	-19.50	0.00	97.08	-	-	109.99	-12.91	316	286	H
			5.896	76.16	Pk	35.40	-19.50	0.00	92.06	-	-	109.61	-17.55	316	286	H
			5.895	69.53	RMS	35.40	-19.50	0.00	85.43	89.99	-4.56	-	-	316	286	H
			5.895	69.60	RMS	35.40	-19.50	0.00	85.50	89.97	-4.47	-	-	316	286	H
			5.895	79.08	Pk	35.40	-19.50	0.00	94.98	-	-	109.99	-15.01	39	394	V
			5.895	79.50	Pk	35.40	-19.50	0.00	95.40	-	-	109.97	-14.57	39	394	V
			5.895	67.12	RMS	35.40	-19.50	0.00	83.02	89.99	-6.97	-	-	39	394	V
			5.895	66.40	RMS	35.40	-19.50	0.00	82.30	89.95	-7.65	-	-	39	394	V
802.11be (EHT40)	5875	MIMO	5.895	72.39	Pk	35.40	-19.50	0.00	88.29	-	-	109.99	-21.70	313	108	H
			5.895	72.93	Pk	35.40	-19.50	0.00	88.83	-	-	109.95	-21.12	313	108	H
			5.895	51.55	RMS	35.40	-19.50	0.00	67.45	89.99	-22.54	-	-	313	108	H
			5.925	30.37	RMS	35.50	-19.40	0.00	46.47	68.12	-21.65	-	-	313	108	H
802.11be (EHT80)	5855	MIMO	5.895	68.45	Pk	35.40	-19.50	0.00	84.35	-	-	109.99	-25.64	303	346	H
			5.895	72.01	Pk	35.40	-19.50	0.00	87.91	-	-	109.88	-21.97	303	346	H
			5.895	50.34	RMS	35.40	-19.50	0.00	66.24	89.99	-23.75	-	-	303	346	H
			5.927	32.82	RMS	35.50	-19.50	0.00	48.82	68.00	-19.18	-	-	303	346	H
802.11be (EHT80) MRU mode 484+242 Tone offset 90	5855	MIMO	5.895	70.95	Pk	35.40	-19.50	0.00	86.85	-	-	109.99	-23.14	316	288	H
			5.895	68.01	Pk	35.40	-19.50	0.00	83.91	-	-	109.72	-25.81	316	288	H
			5.895	52.18	RMS	35.40	-19.50	0.17	68.25	89.99	-21.74	-	-	316	288	H
			5.928	32.48	RMS	35.50	-19.50	0.17	48.65	68.00	-19.35	-	-	316	288	H
802.11be (EHT160)	5815 Upper	MIMO	5.895	62.00	Pk	35.40	-19.50	0.00	77.90	-	-	109.99	-32.09	300	104	H
			5.928	42.82	Pk	35.50	-19.50	0.00	58.82	-	-	88.00	-29.18	300	104	H
			5.895	45.75	RMS	35.40	-19.50	0.26	61.91	89.99	-28.08	-	-	300	104	H
			5.954	29.74	RMS	35.60	-19.30	0.26	46.30	68.00	-21.70	-	-	300	104	H
802.11be (EHT160) MRU mode 996+484 Tone offset 94	5815 Upper	MIMO	5.895	65.00	Pk	35.40	-19.50	0.00	80.90	-	-	109.99	-29.09	311	363	H
			5.930	45.67	Pk	35.50	-19.40	0.00	61.77	-	-	88.00	-26.23	311	363	H
			5.895	47.06	RMS	35.40	-19.50	0.18	63.14	89.99	-26.85	-	-	311	363	H
			5.931	33.20	RMS	35.50	-19.40	0.18	49.48	68.00	-18.52	-	-	311	363	H

Note1. PK: Maximum Peak / ADR - U-NII AD primary method, RMS average

Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 802.11a / 5885 MHz)



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

5885 MHz DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	Antenna Factor (dBm)	RGPL HP Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
7.06289	38.6	PK-U	35.9	-26.2	0	46.3	-	-	-	-	68.2	-21.9	219	274	H
7.06199	38.05	PK-U	35.9	-26.3	0	47.65	-	-	-	-	68.2	-20.55	217	217	V
* 11.7706	34.51	PK-U	38.4	-21.6	0	51.41	-	-	74	-22.59	-	-	0	100	H
* 11.77495	33.98	PK-U	38.4	-21.4	0	50.98	-	-	74	-23.02	-	-	0	100	V
17.65369	30.95	PK-U	41.3	-14.4	0	57.85	-	-	-	-	68.2	-10.35	0	100	H
17.65229	31.58	PK-U	41.3	-14.6	0	58.28	-	-	-	-	68.2	-9.92	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Mode	Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result dBuV/m	AV Limit dBuV/m	AV Margin [dB]	PK Limit dBuV/m	PK Margin [dB]	Non-Restricted [dBuV/m]	Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
802.11a	5845	MIMO	7.010	36.89	PK-U	36.00	-26.10	0.00	46.79	-	-	-	-	68.20	-21.41	207	104	H
			7.014	37.57	PK-U	36.00	-26.20	0.00	47.37	-	-	-	-	68.20	-20.83	209	322	V
			* 11.6902	33.81	PK-U	38.40	-21.40	0.00	50.81	-	-	74.00	-23.19	-	-	0	100	H
			* 11.69192	34.09	PK-U	38.40	-21.40	0.00	51.09	-	-	74.00	-22.91	-	-	0	100	V
			17.530	31.43	PK-U	41.20	-15.90	0.00	56.73	-	-	-	-	68.20	-11.47	0	100	H
			17.533	32.34	PK-U	41.20	-15.90	0.00	57.64	-	-	-	-	68.20	-10.56	0	100	V
	5865	MIMO	7.038	36.54	PK-U	35.90	-26.20	0.00	46.24	-	-	-	-	68.20	-21.96	205	118	H
			7.039	37.06	PK-U	35.90	-26.20	0.00	46.76	-	-	-	-	68.20	-21.44	220	211	V
			* 11.7286	34.23	PK-U	38.40	-21.50	0.00	51.13	-	-	74.00	-22.87	-	-	0	100	H
			* 11.72542	33.72	PK-U	38.40	-21.50	0.00	50.62	-	-	74.00	-23.38	-	-	0	100	V
			17.596	31.81	PK-U	41.30	-15.30	0.00	57.81	-	-	-	-	68.20	-10.39	0	100	V
			17.591	31.73	PK-U	41.30	-15.20	0.00	57.83	-	-	-	-	68.20	-10.37	0	100	H
	5885	MIMO	7.063	36.60	PK-U	35.90	-26.20	0.00	46.30	-	-	-	-	68.20	-21.90	219	274	H
			7.062	38.05	PK-U	35.90	-26.30	0.00	47.65	-	-	-	-	68.20	-20.55	217	217	V
			* 11.7706	34.61	PK-U	38.40	-21.60	0.00	51.41	-	-	74.00	-22.59	-	-	0	100	H
			* 11.77495	33.98	PK-U	38.40	-21.40	0.00	50.98	-	-	74.00	-23.02	-	-	0	100	V
			17.654	30.95	PK-U	41.30	-14.40	0.00	57.85	-	-	-	-	68.20	-10.35	0	100	H
			17.652	31.58	PK-U	41.30	-14.60	0.00	58.28	-	-	-	-	68.20	-9.92	0	100	V
802.11be EHT20 RU mode 106 Tone offset 53 Spot-check	5885	MIMO	7.067	37.41	PK-U	35.90	-26.20	0.00	47.11	-	-	-	-	68.20	-21.09	21	103	H
			7.062	37.12	PK-U	35.90	-26.30	0.00	46.72	-	-	-	-	68.20	-21.48	209	306	V
			* 11.77138	34.46	PK-U	38.40	-21.50	0.00	51.36	-	-	74.00	-22.64	-	-	0	100	H
			* 11.77362	34.37	PK-U	38.40	-21.50	0.00	51.27	-	-	74.00	-22.73	-	-	0	100	V
			17.652	30.64	PK-U	41.30	-14.60	0.00	57.34	-	-	-	-	68.20	-10.86	0	100	H
			17.656	31.15	PK-U	41.30	-14.60	0.00	57.85	-	-	-	-	68.20	-10.35	0	100	V

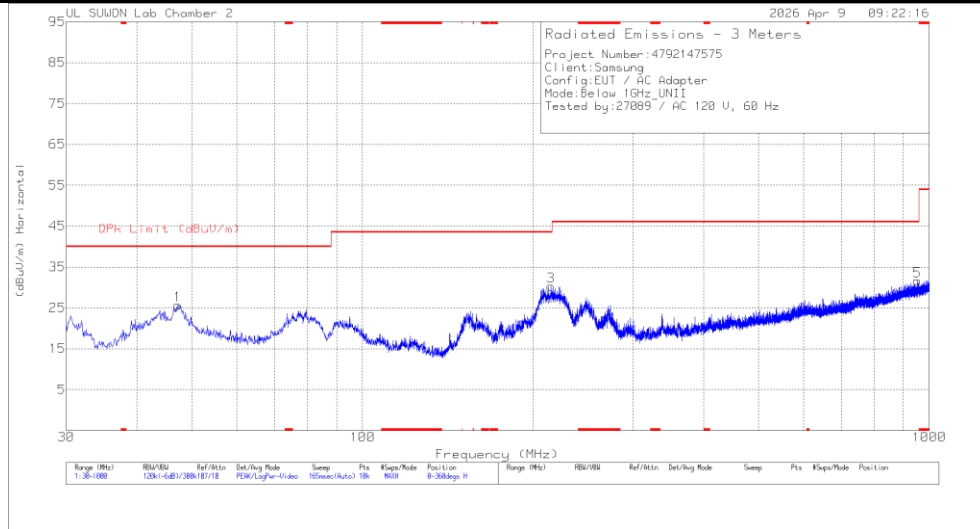
Note1. PK-U - U-NII: Maximum Peak / ADR - U-NII AD primary method, RMS average

Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

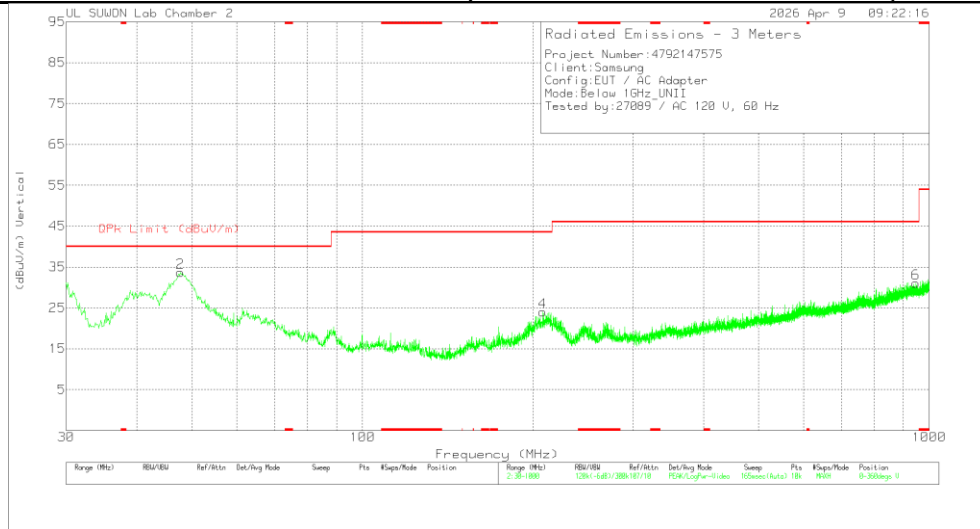
Note3. Noise floor (802.11a, 5885 MHz minimum margin data)

12. WORST-CASE BELOW 1 GHz

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



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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dB/m)	Below_1G_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.169	37.7	Pk	19.7	-31.8	0	25.6	40	-14.4	0-360	300	H
3	214.979	44.21	Pk	16.8	-30.7	0	30.31	43.52	-13.21	0-360	100	H
5	953.731	31.21	Pk	27.9	-27.5	0	31.61	46.02	-14.41	0-360	200	H
2	47.751	45.64	Pk	19.7	-31.7	0	33.64	40	-6.36	0-360	100	V
4	207.995	38.15	Pk	16.6	-30.7	0	24.05	43.52	-19.47	0-360	100	V
6	948.008	30.61	Pk	28	-27.6	0	31.01	46.02	-15.01	0-360	300	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_Factor (dB/m)	Below_1G_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
47.751	41.07	Qp	19.7	-31.7	.49	29.56	40	-10.44	290	106	V

Qp - Quasi-Peak detector

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 ⁺	56 to 46 ⁺
0.5-5	56	46
5-30	60	50

⁺ Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

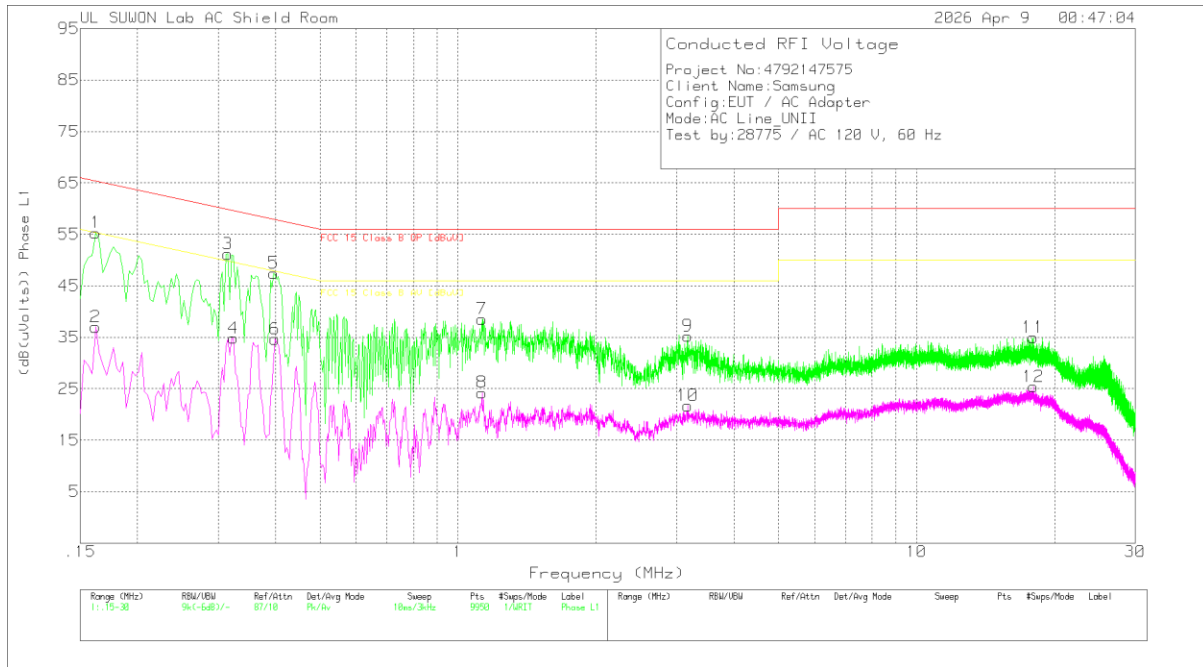
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

WORST EMISSIONS

LINE 1 DATA



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency [MHz]	Meter Reading [dBuV]	Det	101836_Wit h EX_L1 [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin [dB]	FCC 15 Class B AV [dBuV]	Margin [dB]
1	.162	45.31	Pk	9.9	.1	55.31	65.36	-10.05	-	-
2	.162	27	Av	9.9	.1	37	-	-	55.36	-18.36
3	.315	41.37	Pk	9.7	.1	51.17	59.84	-8.67	-	-
4	.324	25.03	Av	9.7	.1	34.83	-	-	49.6	-14.77
5	.396	37.56	Pk	9.8	.1	47.46	57.94	-10.48	-	-
6	.399	24.77	Av	9.8	.1	34.67	-	-	47.87	-13.2
7	1.128	28.76	Pk	9.7	.1	38.56	56	-17.44	-	-
8	1.128	14.46	Av	9.7	.1	24.26	-	-	46	-21.74
9	3.168	25.44	Pk	9.7	.1	35.24	56	-20.76	-	-
10	3.168	11.91	Av	9.7	.1	21.71	-	-	46	-24.29
11	17.958	24.56	Pk	10.1	.3	34.96	60	-25.04	-	-
12	17.976	15.01	Av	10.1	.3	25.41	-	-	50	-24.59

Pk - Peak detector

Av - Average detection

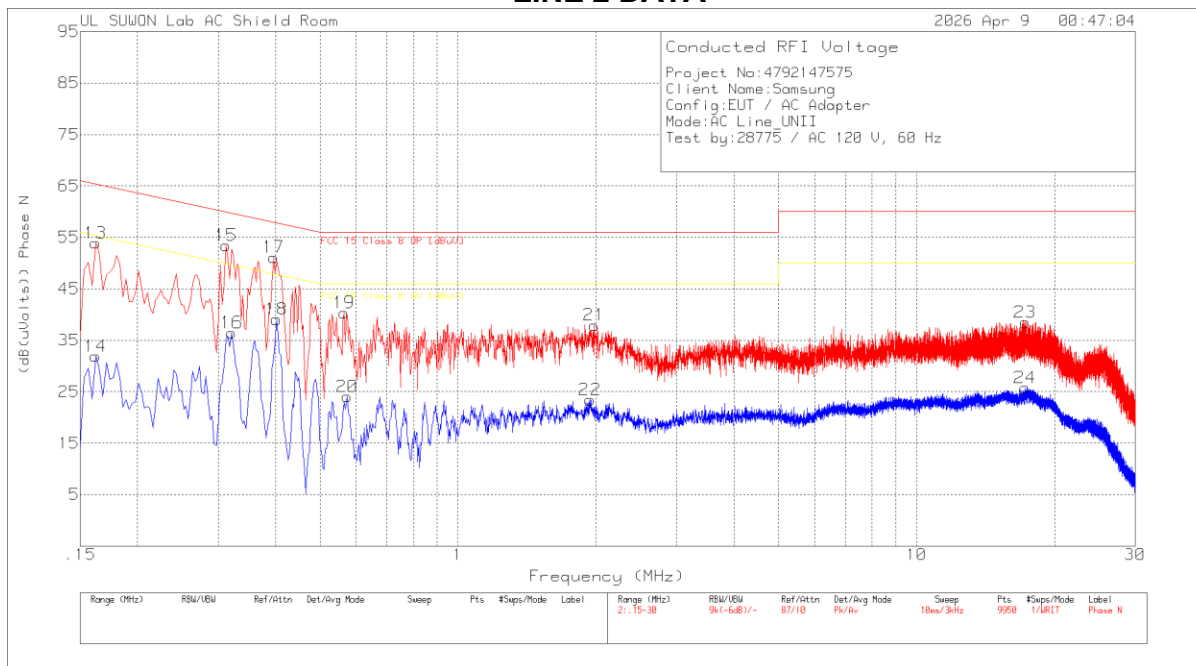
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency [MHz]	Meter Reading [dBuV]	Det	101836_Wit h EX_L1 [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin [dB]	FCC 15 Class B AV [dBuV]	Margin [dB]
.31575	28.75	Qp	9.7	.1	38.55	59.82	-21.27	-	-

Qp - Quasi-Peak detector

LINE 2 DATA



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency [MHz]	Meter Reading [dBuV]	Det	101836_Wit h EX_N [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin [dB]	FCC 15 Class B AV [dBuV]	Margin [dB]
13	.162	43.9	Pk	9.9	.1	53.9	65.36	-11.46	-	-
14	.162	21.89	Av	9.9	.1	31.89	-	-	55.36	-23.47
15	.312	43.63	Pk	9.7	.1	53.43	59.92	-6.49	-	-
16	.321	26.66	Av	9.7	.1	36.46	-	-	49.68	-13.22
17	.396	41.21	Pk	9.8	.1	51.11	57.94	-6.83	-	-
18	.402	29.18	Av	9.8	.1	39.08	-	-	47.81	-8.73
19	.564	30.44	Pk	9.8	.1	40.34	56	-15.66	-	-
20	.573	14.15	Av	9.8	.1	24.05	-	-	46	-21.95
21	1.983	28.15	Pk	9.7	.1	37.95	56	-18.05	-	-
22	1.941	13.63	Av	9.7	.1	23.43	-	-	46	-22.57
23	17.253	27.95	Pk	10.2	.3	38.45	60	-21.55	-	-
24	17.244	15.23	Av	10.2	.3	25.73	-	-	50	-24.27

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency [MHz]	Meter Reading [dBuV]	Det	101836_Wit h EX_N [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin [dB]	FCC 15 Class B AV [dBuV]	Margin [dB]
.31275	30.02	Qp	9.7	.1	39.82	59.9	-20.08	-	-
.39525	28.62	Qp	9.8	.1	38.52	57.95	-19.43	-	-
.40125	20.12	Qp	9.8	.1	30.02	57.83	-27.81	-	-

Qp - Quasi-Peak detector

14. DYNAMIC FREQUENCY SELECTION

14.1. OVERVIEW

14.1.1. LIMITS

FCC

§15.407 (h), FCC KDB 905462 D02 “COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION” and KDB 905462 D03 “U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY”.

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (without radar detection)	Client (with radar detection)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client (without DFS)	Client (with DFS)
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar DFS	Client (without DFS)
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequency between the bonded 20 MHz channel blocks.

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (see notes)
E.I.R.P. $\geq$ 200 mill watt	-64 dBm
E.I.R.P. < 200 mill watt and power spectral density < 10 dBm/MHz	-62 dBm
E.I.R.P. < 200 mill watt that do not meet power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: E.I.R.P. is based on the highest antenna gain. For MIMO devices refer to KDB publication 662911 D01.	

Table 4: DFS Response requirement values

Parameter	Value
<i>Non-occupancy period</i>	30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds (See Note 1)
<i>Channel Closing Transmission Time</i>	200 milliseconds + approx. 60 milliseconds over remaining 10 second period. (See Notes 1 and 2)
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U- NII 99% transmission power bandwidth. (See Note 3)
Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the <i>U-NII Detection Bandwidth</i> detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in table 5a	Roundup: $\{(1/360) \times (19 \times 10^6 \text{ PRI}_{\text{usec}})\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 usec. With a minimum increment of 1 usec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the <i>Detection Bandwidth</i> test, <i>Channel Move Time</i> , and <i>Channel Closing Time</i> tests.					

Table 6 – Long Pulse Radar Test Signal

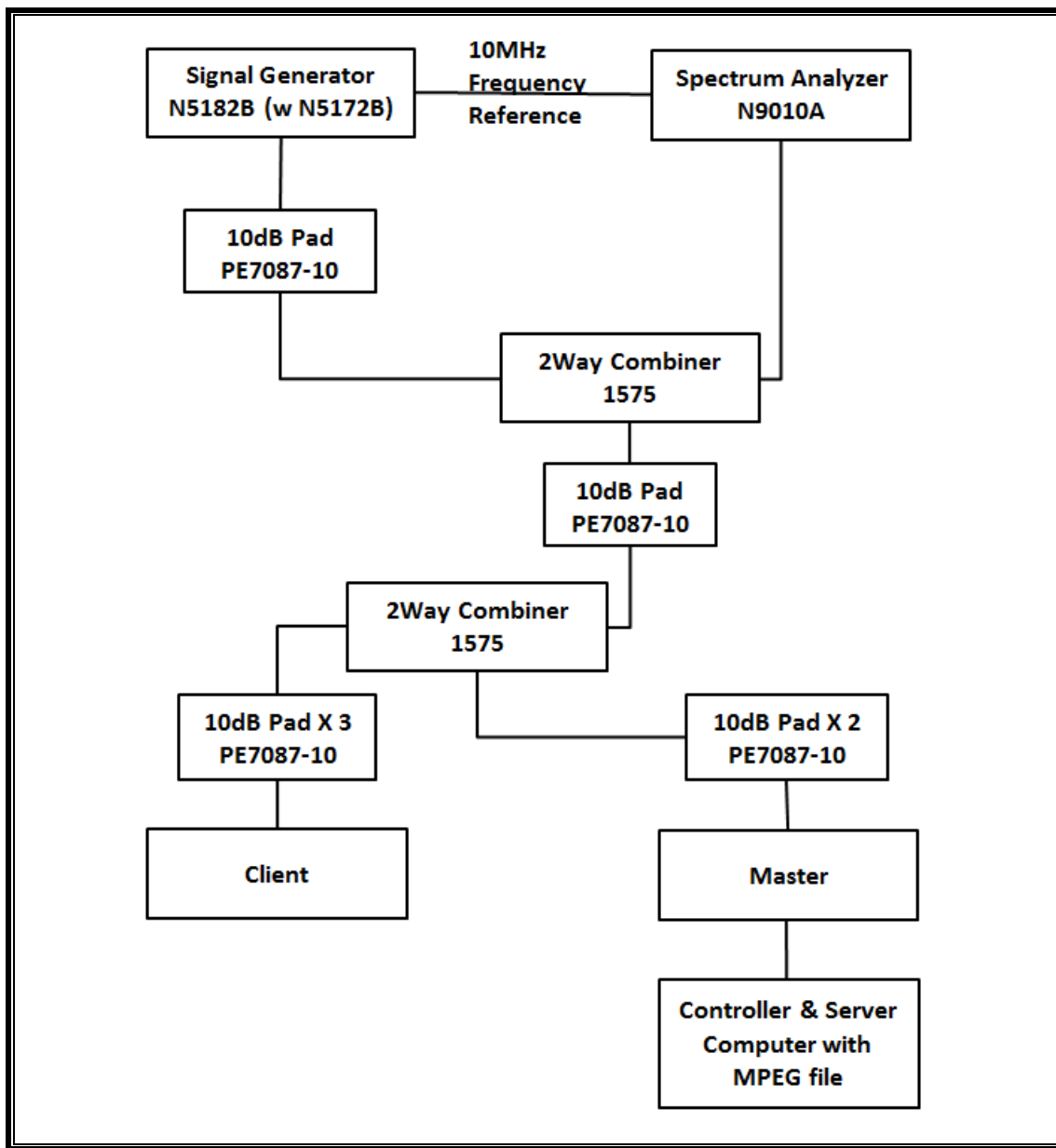
Radar Waveform Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 7 – Frequency Hopping Radar Test Signal

Radar Waveform Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

14.1.2. TEST AND MEASUREMENT SYSTEM

CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



SYSTEM OVERVIEW

The short pulse and long pulse signal generating system utilizes the Keysite Signal Studio for Pulse Building as N5172B. The Vector Signal Generator has been validated by the NTIA. The hopping signal generating system utilizes the CCS simulated hopping method and system, which has been validated by the DoD, FCC and NTIA. The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution.

The short pulse types 1, 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time.

The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of KDB 905462 D02. The frequency of the signal generator is incremented in 1 MHz steps from F_L to F_H for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

SYSTEM CALIBRATION

A 50-ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to a horn antenna via a coaxial cable, with the reference level offset set to (horn antenna gain – coaxial cable loss). The signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of –64 dBm as measured on the spectrum analyzer.

Without changing any of the instrument settings, the spectrum analyzer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. The Reference Level Offset of the spectrum analyzer is adjusted so that the displayed amplitude of the signal is –64 dBm.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –64 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

ADJUSTMENT OF DISPLAYED TRAFFIC LEVEL

A link is established between the Master and Slave and the distance between the units is adjusted as needed to provide a suitable received level at the Master and Slave devices. The video test file is streamed to generate WLAN traffic. The monitoring antenna is adjusted so that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold.

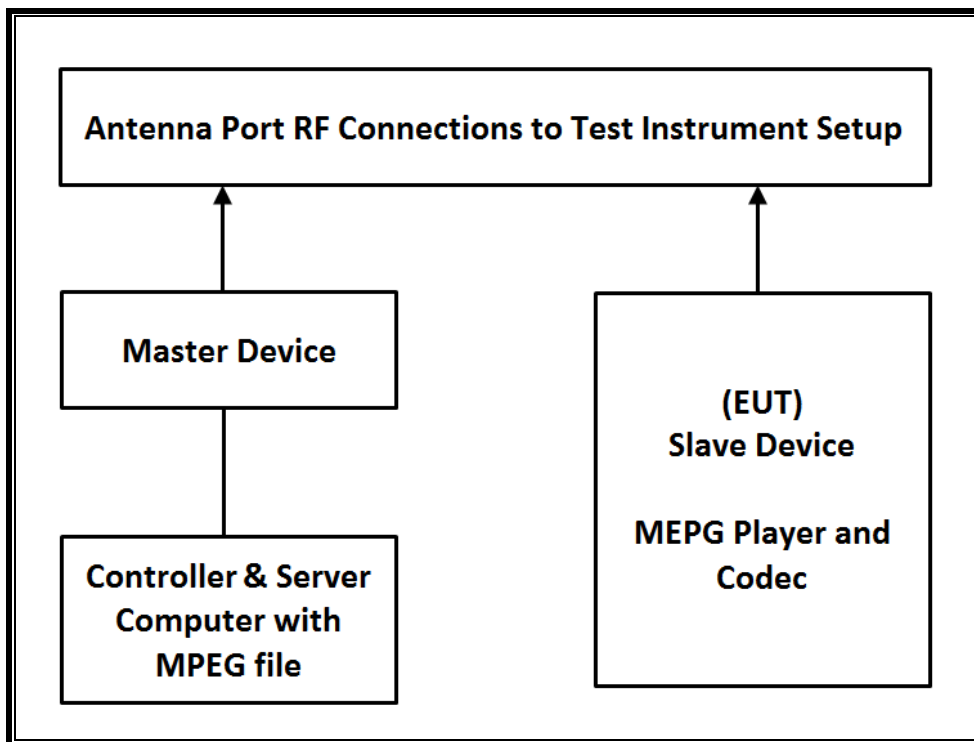
TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the DFS tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	S/N	Next Cal Due
Spectrum Analyzer, 44 GHz	KEYSIGHT	N9030B	MY60070693	2027-01-07
Vector Signal Generator, 6GHz	Agilent / HP	N5182B	MY53051241	2026-07-21
Combiner	WEINSCHTEL	WA1534	UL001	2027-01-06
Combiner	WEINSCHTEL	WA1534	UL003	2026-12-29

14.1.3. SETUP OF EUT

CONDUCTED METHOD EUT TEST SETUP



SUPPORT EQUIPMENT

The following support equipment was utilized for the DFS tests documented in this report:

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Wireless Access Point	ASUS	GT-AXE11000	M3IAJF200742	MSQ-RTAXJF00
Notebook PC (Controller/Server)	HP	HP EliteDesk 800 G1 TWR	CZC4125J25	DoC

14.1.4. DESCRIPTION OF EUT

The EUT operates over the 5250-5350 MHz and 5470-5725 MHz ranges.

The EUT is a Slave Device without Radar Detection.

The highest power level of the widest bandwidth (802.11ac VHT160) within these bands is 20.04 dBm in the 5250-5350 MHz band and 5470-5725 MHz band.

The antenna assembly utilized two antenna.

Gain of ANT1 : -6.09 dBi for UNII 2A and -7.78 dBi for UNII 2C.

Gain of ANT2 : -3.14 dBi for UNII 2A and -4.93 dBi for UNII 2C.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required conducted threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

The EUT uses one transmitter/receiver chain connected to an antenna to perform radiated tests. WLAN traffic that meets or exceeds the minimum required loading was generated by transferring a data stream from the controller/server PC to the EUT using iPerf version 2.0.5 software package.

TPC is not required since the maximum EIRP is less than 500 mW (27 dBm).

The EUT utilizes the 802.11 architecture. 4 nominal channel bandwidth are implemented: 20 MHz, 40 MHz, 80 MHz and 160 MHz.

The software installed in the access point is 12.4(25d)JA1.

UNIFORM CHANNEL SPREADING

This requirement is not applicable to Slave radio devices.

CHANNEL PUNCTURING(802.11ax)

This EUT supports channel puncturing but in DFS test channel puncturing was not enabled.

OVERVIEW OF MASTER DEVICE WITH RESPECT TO §15.407 (h) REQUIREMENTS

The Master Device is a ASUS Access Point, FCC ID: MSQ-RTAXJF00. The minimum antenna gain for the Master Device is 6 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required radiated threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

14.2. RESULTS FOR 160 MHz BANDWIDTH (UNII-2A & 2C BANDS)

14.2.1. TEST CHANNEL

All tests were performed at a channel center frequency of 5570 MHz.

14.2.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



14.2.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.2.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

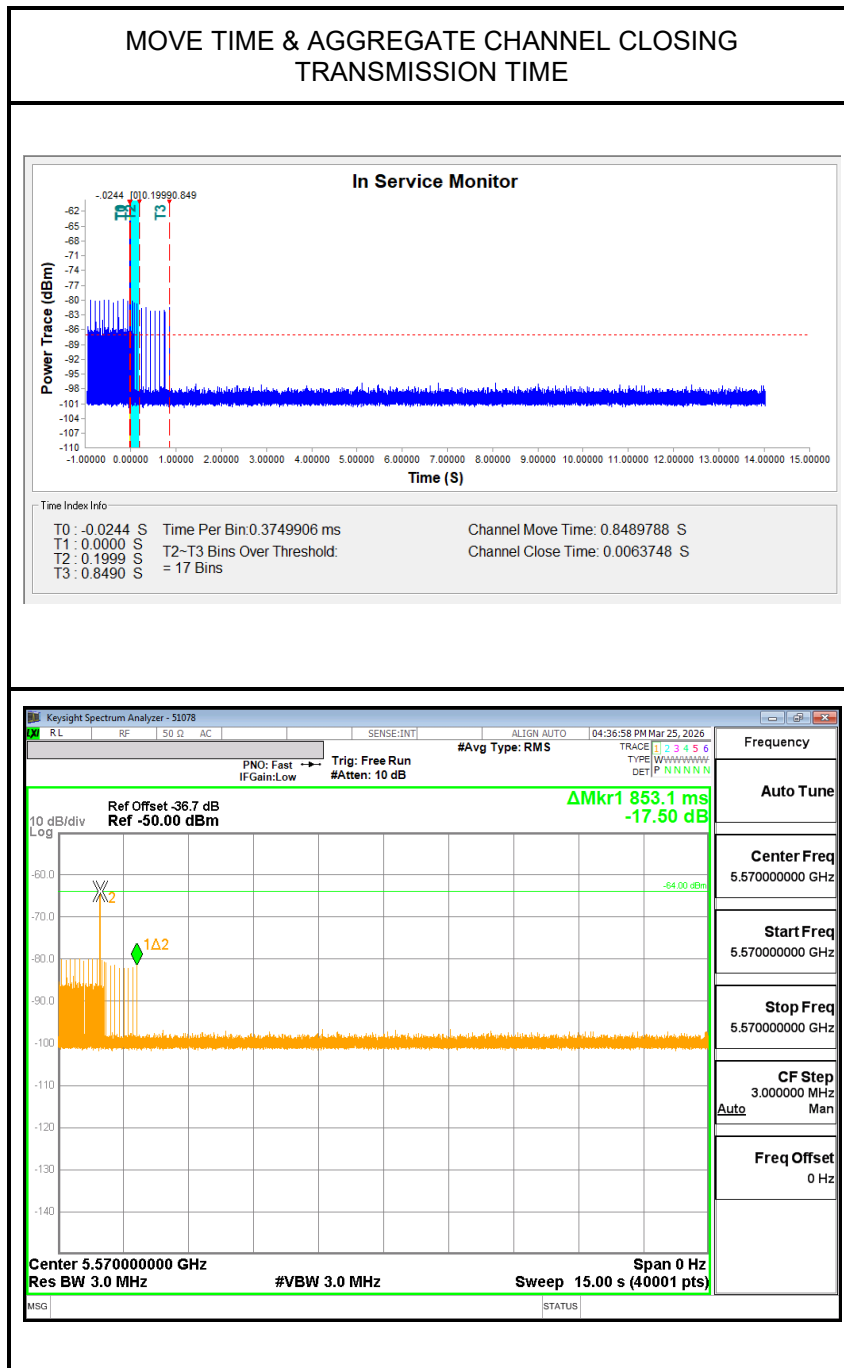
Channel Move Time (sec)	Limit (sec)
0.849	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
6.375	60

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

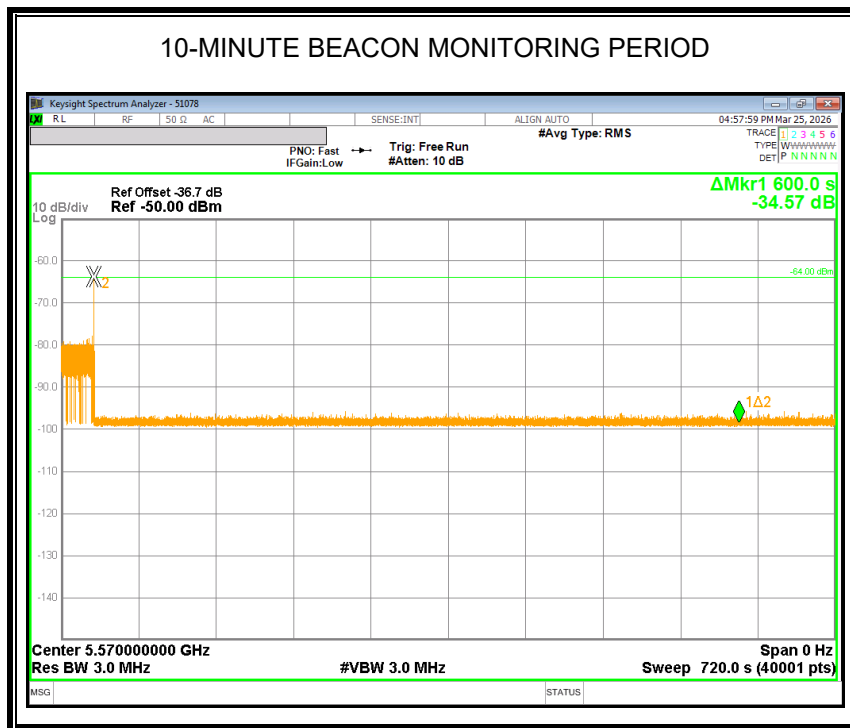
No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.



END OF TEST REPORT