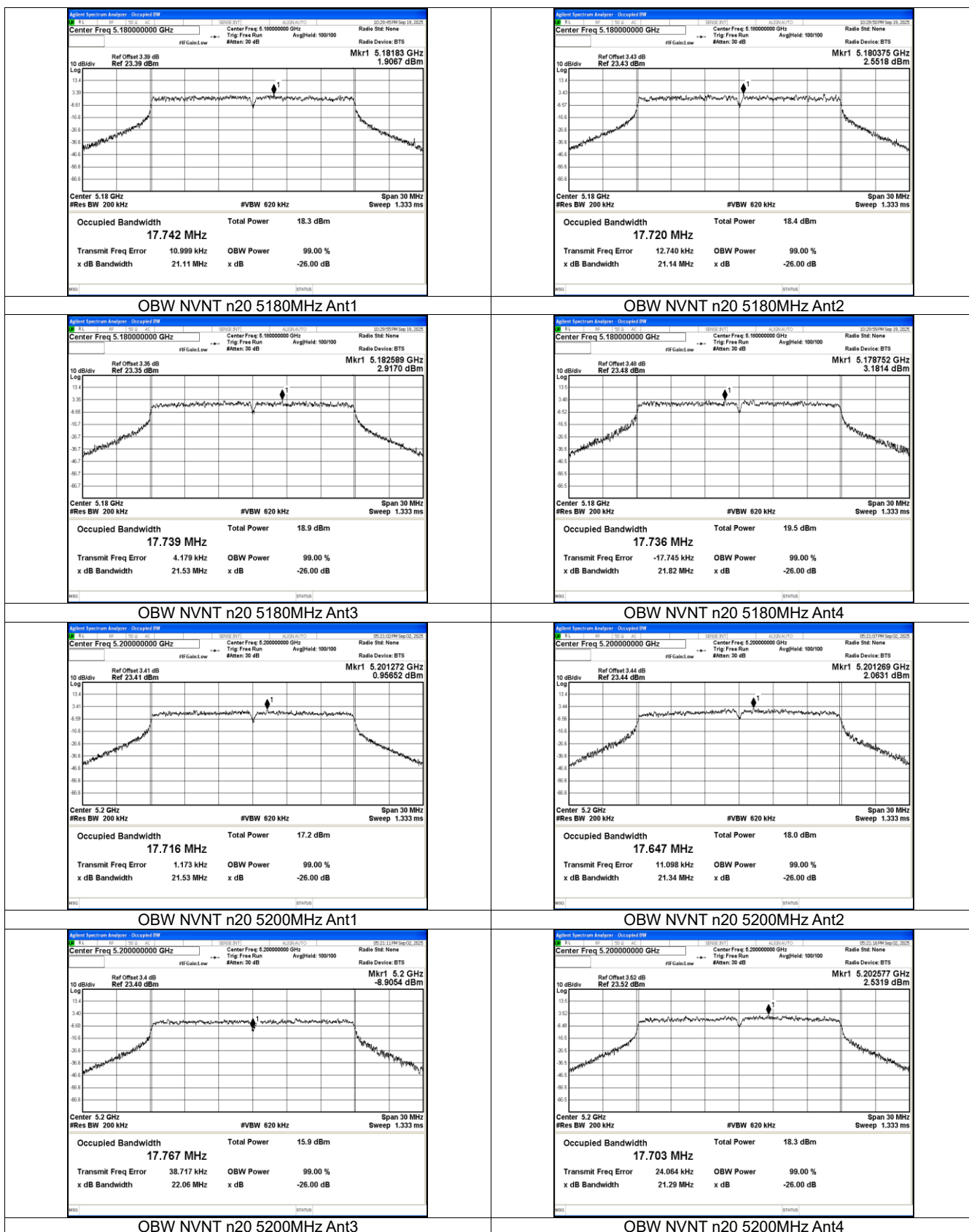
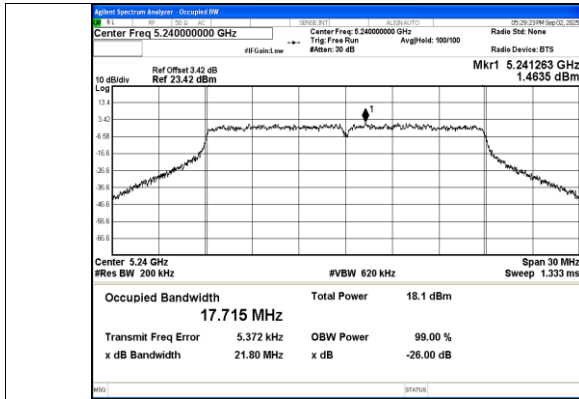
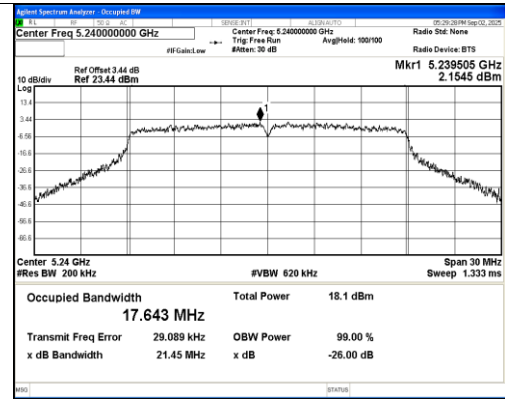


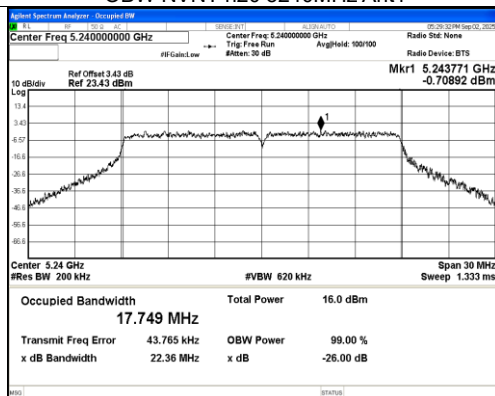




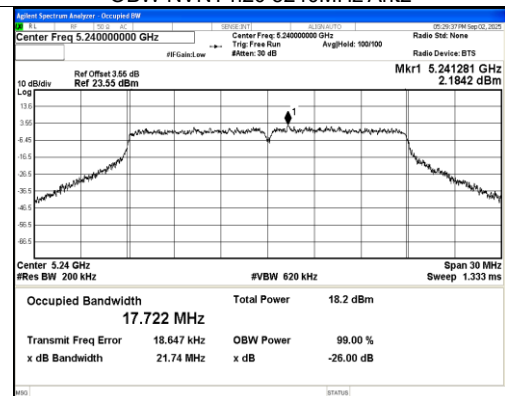
OBW NVNT n20 5240MHz Ant1



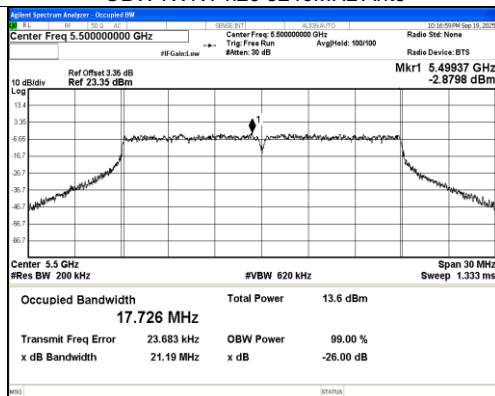
OBW NVNT n20 5240MHz Ant2



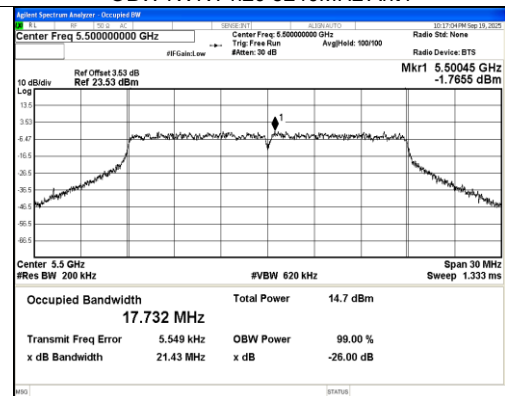
OBW NVNT n20 5240MHz Ant3



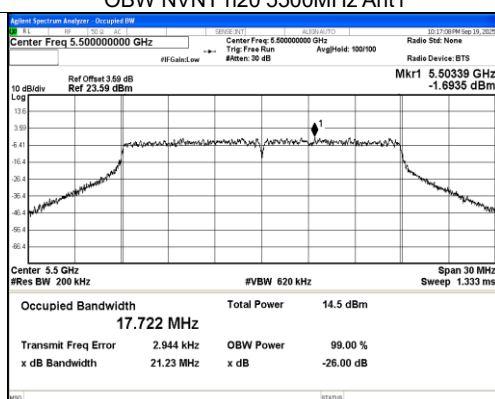
OBW NVNT n20 5240MHz Ant4



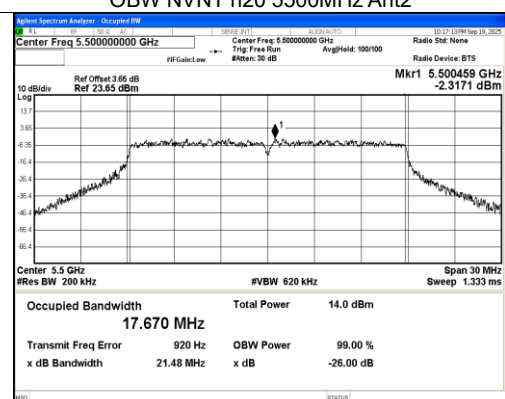
OBW NVNT n20 5500MHz Ant1



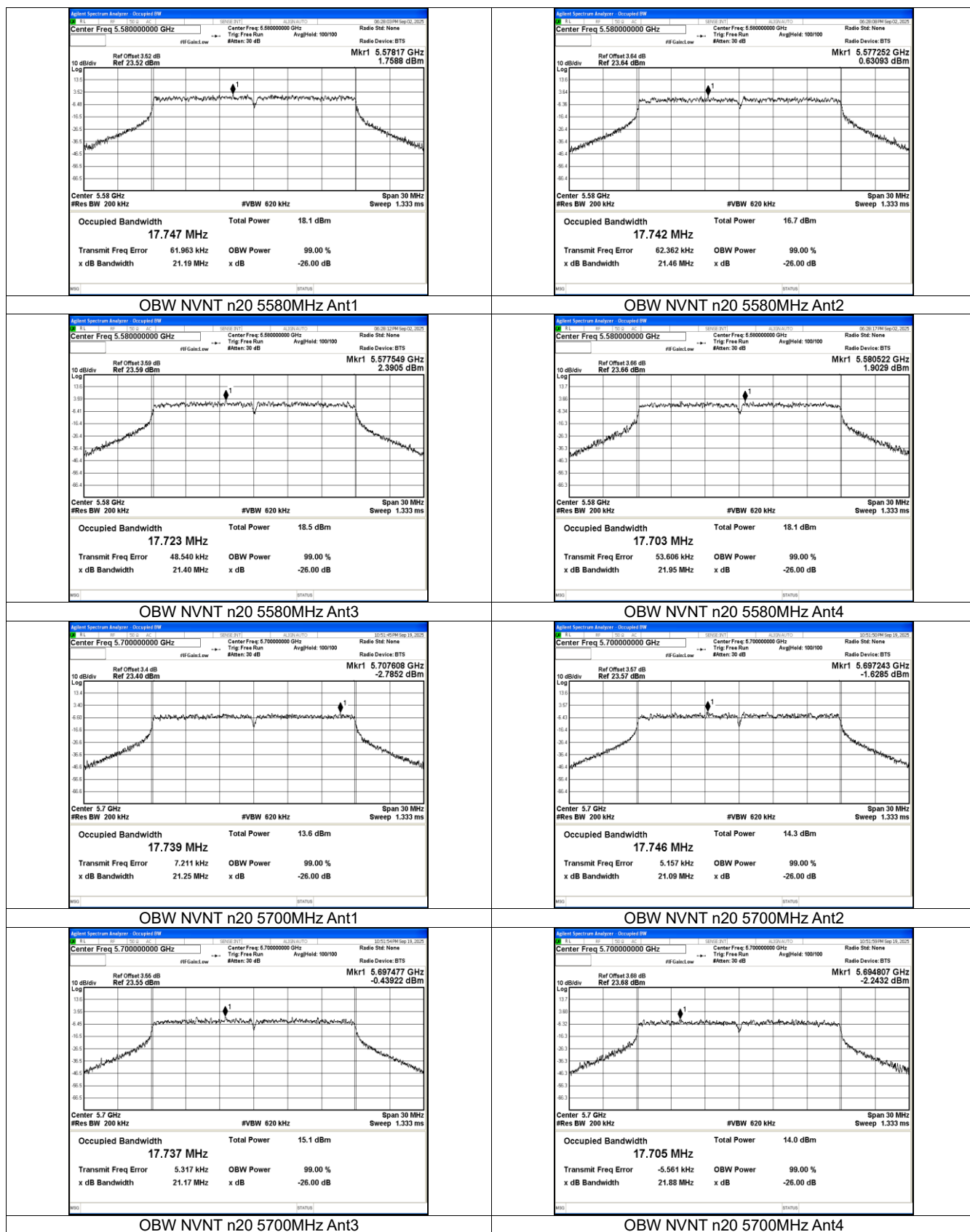
OBW NVNT n20 5500MHz Ant2

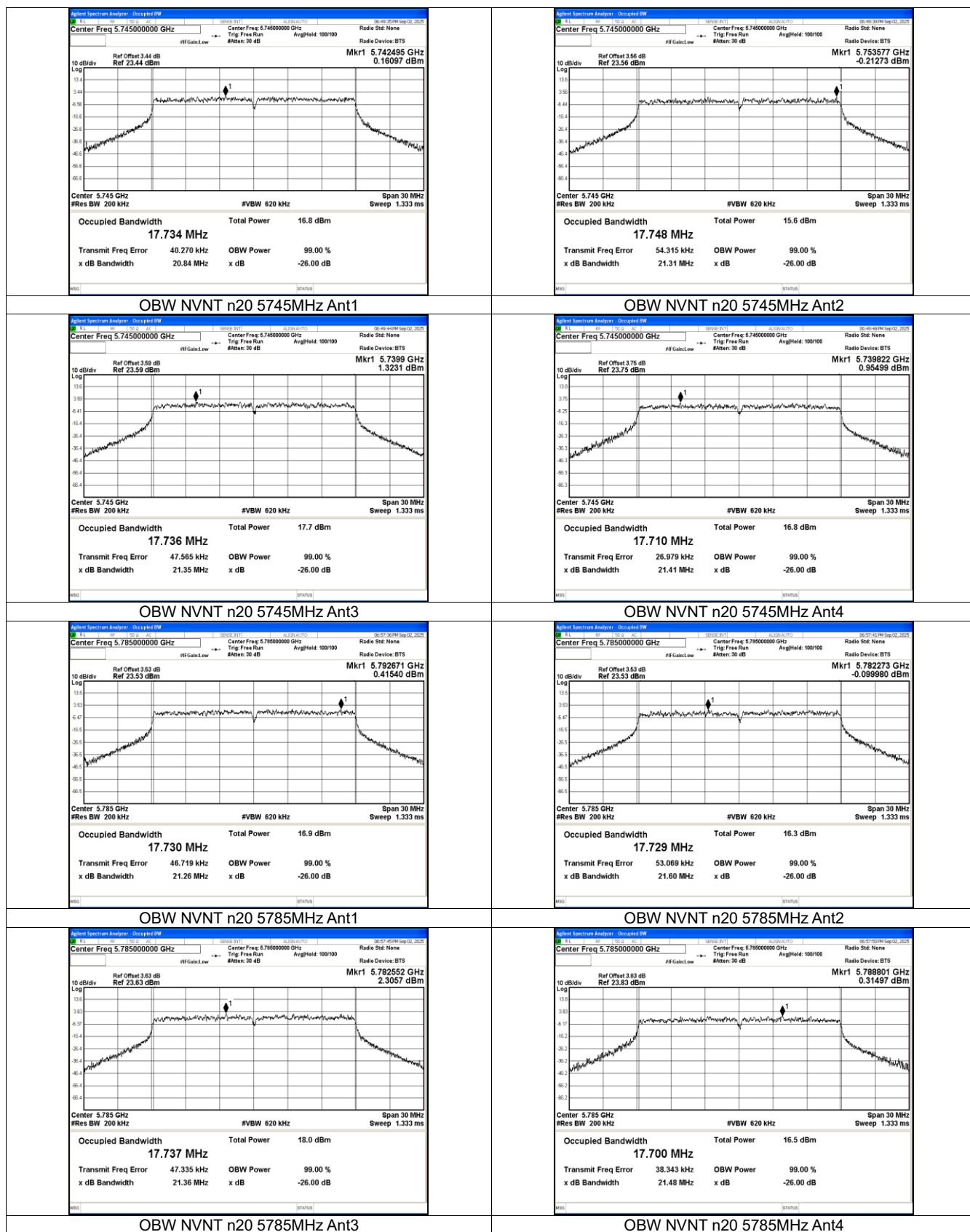


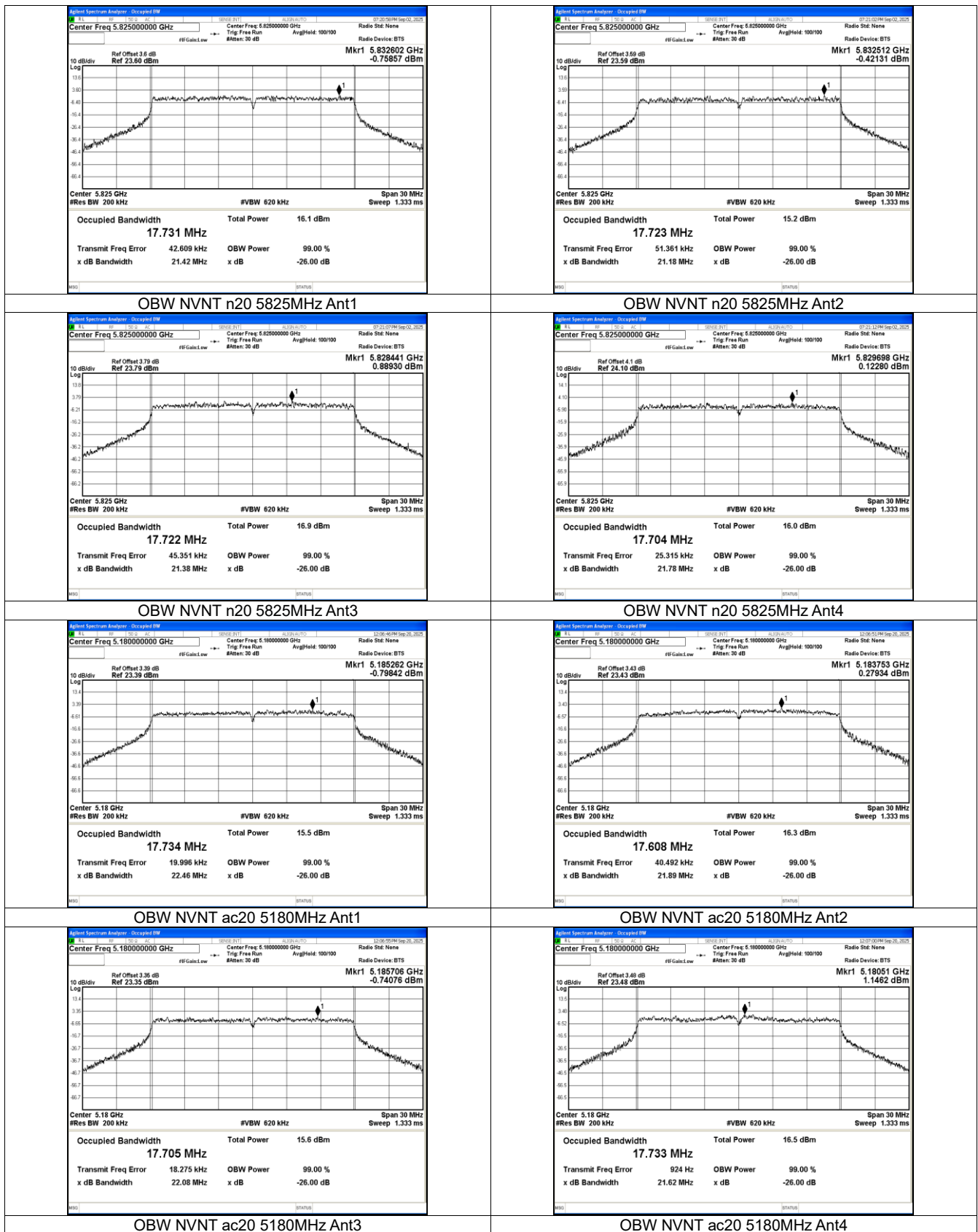
OBW NVNT n20 5500MHz Ant3

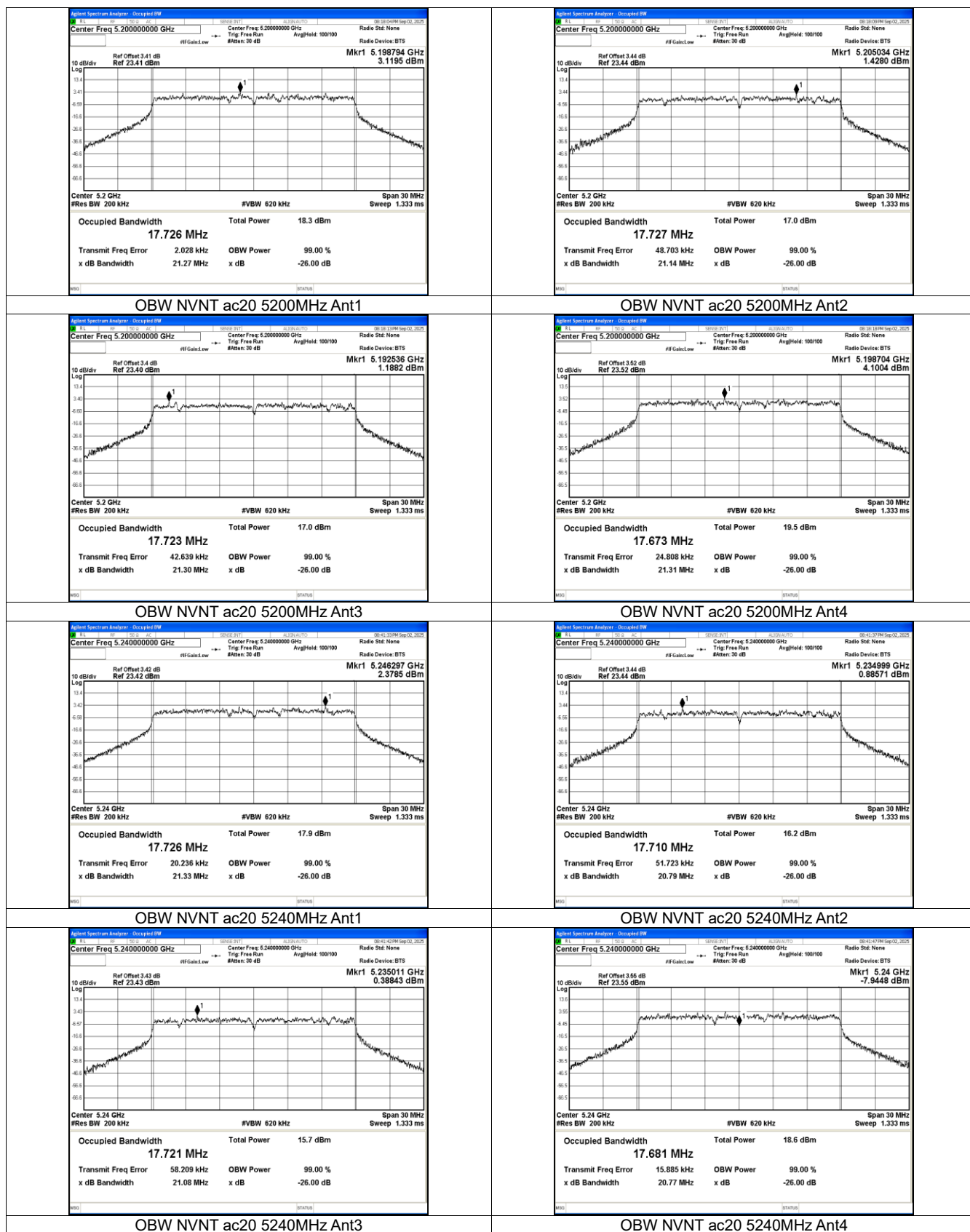


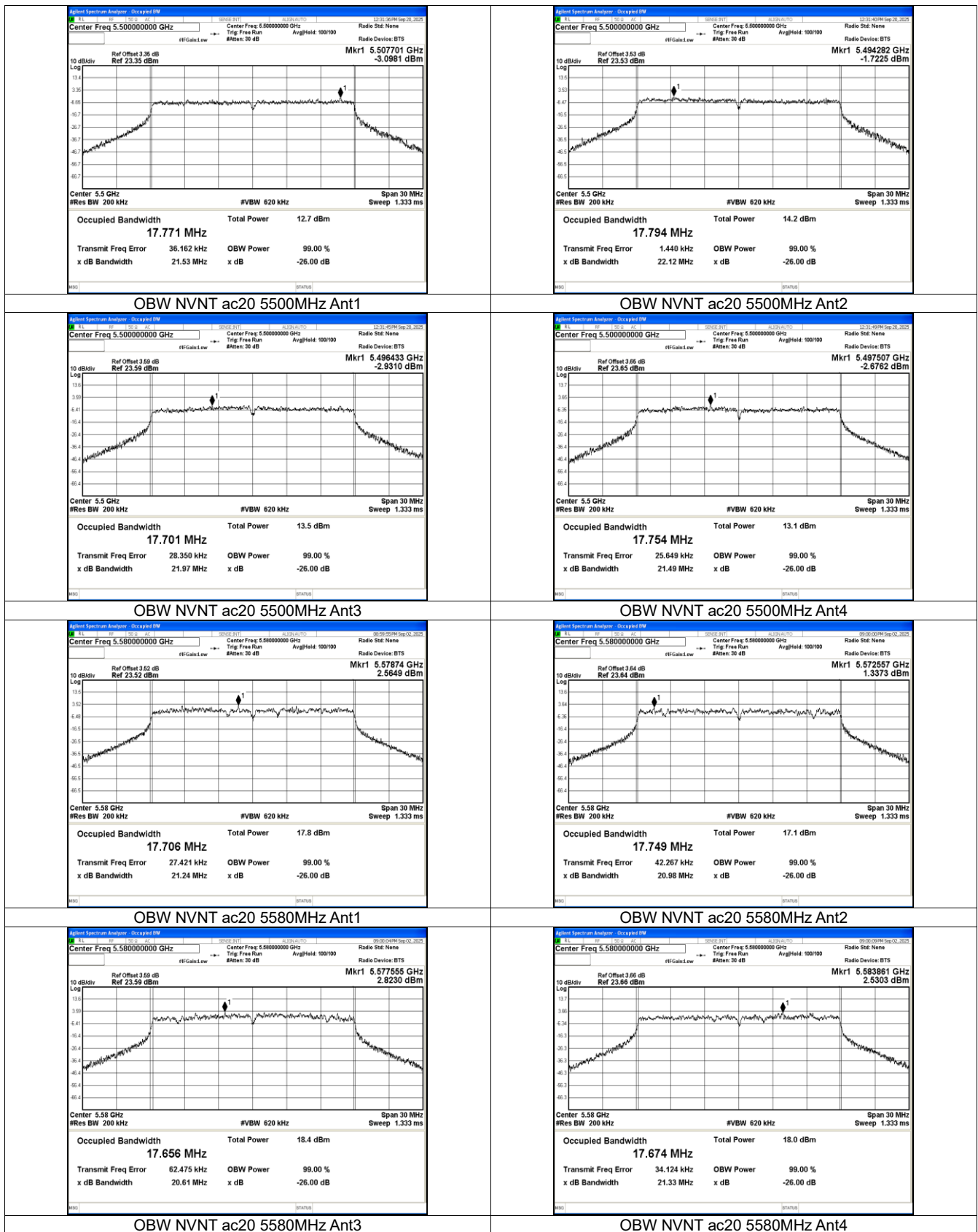
OBW NVNT n20 5500MHz Ant4

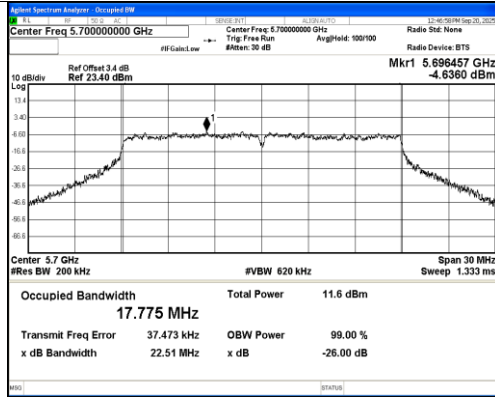




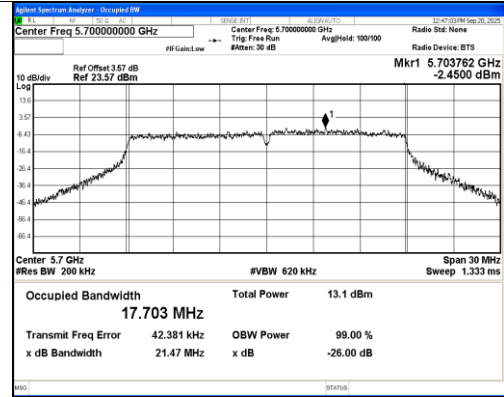




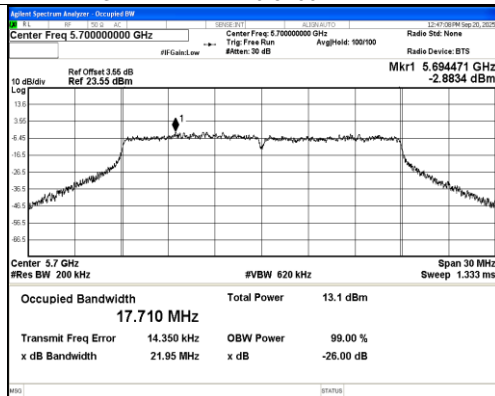




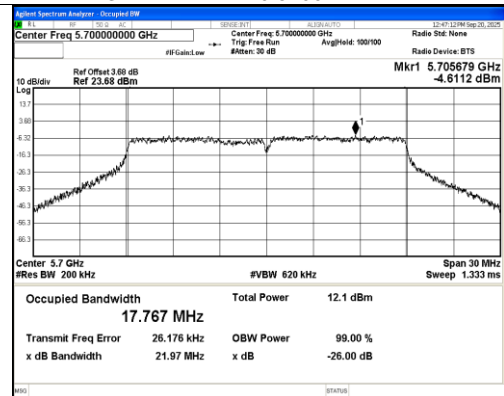
OBW NVNT ac20 5700MHz Ant1



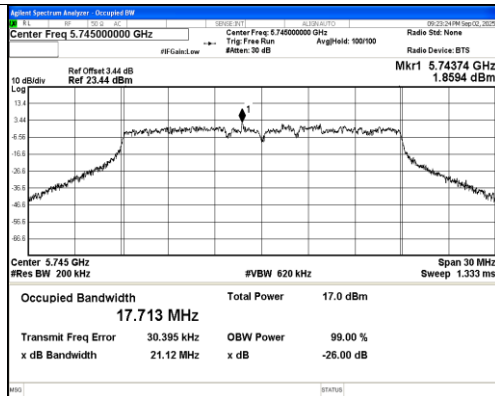
OBW NVNT ac20 5700MHz Ant2



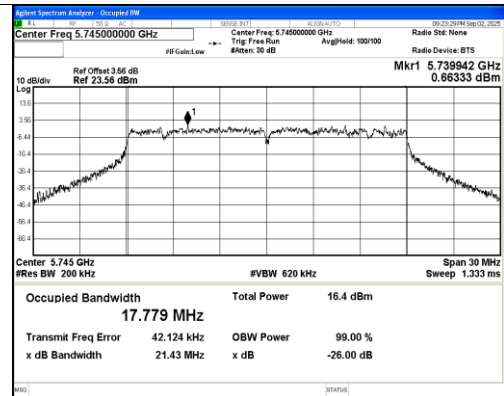
OBW NVNT ac20 5700MHz Ant3



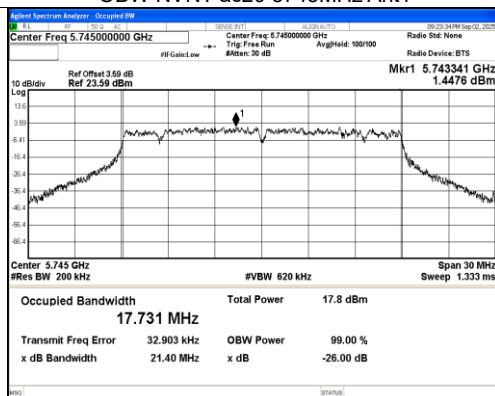
OBW NVNT ac20 5700MHz Ant4



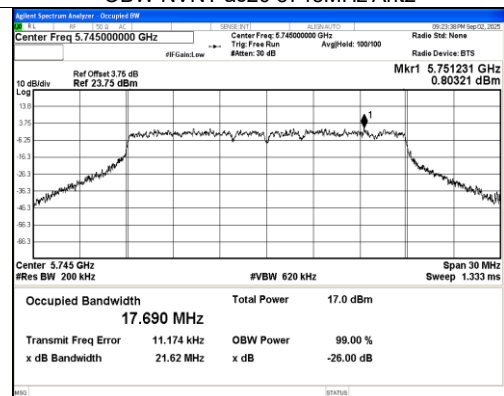
OBW NVNT ac20 5745MHz Ant1



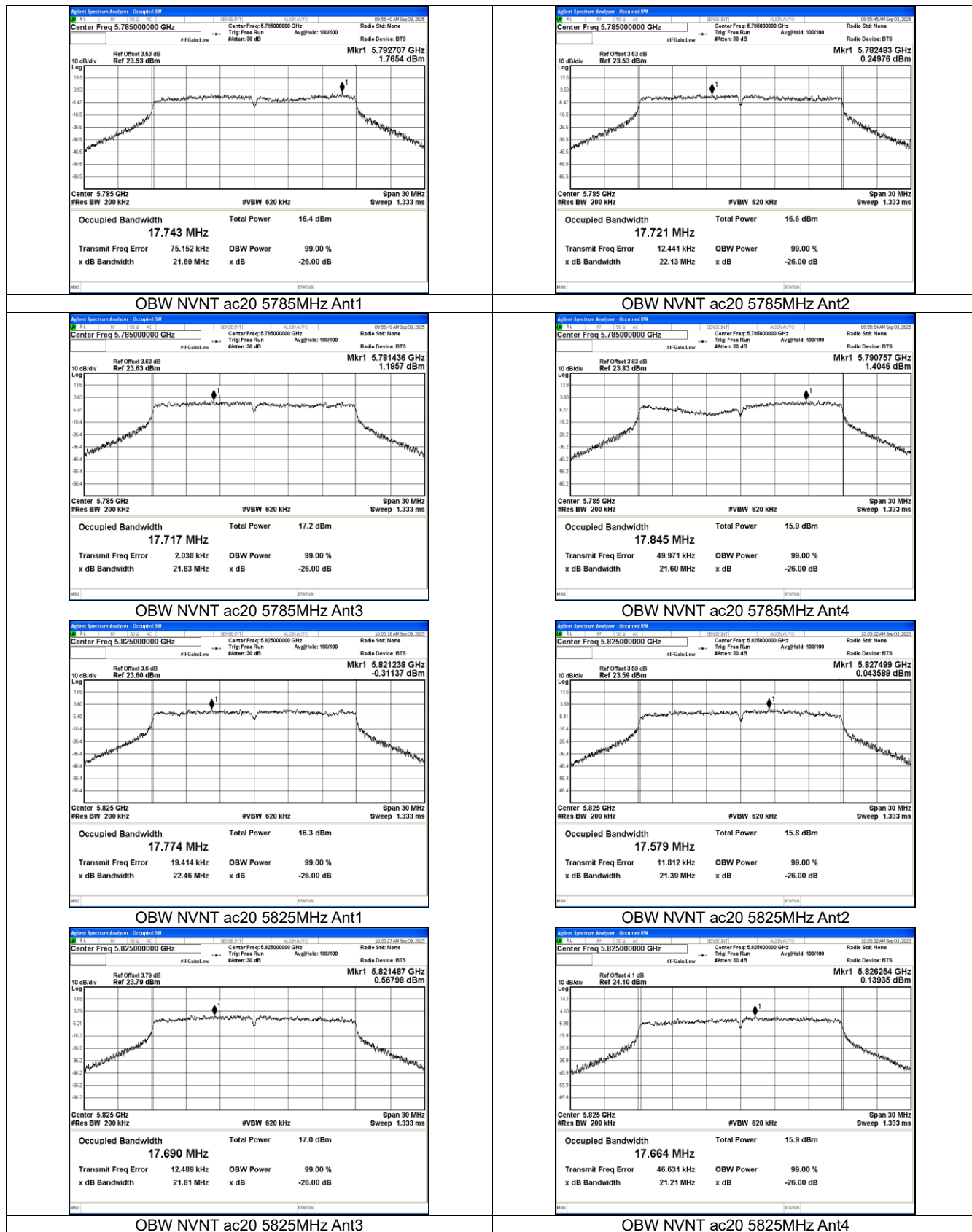
OBW NVNT ac20 5745MHz Ant2



OBW NVNT ac20 5745MHz Ant3



OBW NVNT ac20 5745MHz Ant4



Maximum Conducted Output Power

For FCC:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	n20	5180	Ant1	9.22	0.15	9.37	0.00865	24	Pass
NVNT	n20	5180	Ant2	9.9	0.15	10.05	0.01012	24	Pass
NVNT	n20	5180	Ant3	9.5	0.15	9.65	0.00923	24	Pass
NVNT	n20	5180	Ant4	9.66	0.15	9.81	0.00957	24	Pass
NVNT	n20	5180	Sum	NaN	NaN	15.75	0.03756	20.49	Pass
NVNT	n20	5200	Ant1	11.63	0.6	12.23	0.01671	24	Pass
NVNT	n20	5200	Ant2	11.2	0.6	11.8	0.01514	24	Pass
NVNT	n20	5200	Ant3	11.46	0.6	12.06	0.01607	24	Pass
NVNT	n20	5200	Ant4	12.31	0.6	12.91	0.01954	24	Pass
NVNT	n20	5200	Sum	NaN	NaN	18.29	0.06746	20.49	Pass
NVNT	n20	5240	Ant1	9.73	0.52	10.25	0.01059	24	Pass
NVNT	n20	5240	Ant2	9.29	0.52	9.81	0.00957	24	Pass
NVNT	n20	5240	Ant3	9.63	0.52	10.15	0.01035	24	Pass
NVNT	n20	5240	Ant4	10.4	0.52	10.92	0.01236	24	Pass
NVNT	n20	5240	Sum	NaN	NaN	16.32	0.04288	20.49	Pass
NVNT	n20	5500	Ant1	7.36	0.45	7.81	0.00604	24	Pass
NVNT	n20	5500	Ant2	8.35	0.45	8.8	0.00759	24	Pass
NVNT	n20	5500	Ant3	8.22	0.45	8.67	0.00736	24	Pass
NVNT	n20	5500	Ant4	7.81	0.45	8.26	0.0067	24	Pass
NVNT	n20	5500	Sum	NaN	NaN	14.42	0.02769	19.07	Pass
NVNT	n20	5580	Ant1	9.04	0.53	9.57	0.00906	24	Pass
NVNT	n20	5580	Ant2	11.62	0.53	11.15	0.01303	24	Pass
NVNT	n20	5580	Ant3	10.27	0.53	10.8	0.01202	24	Pass
NVNT	n20	5580	Ant4	8.98	0.53	9.51	0.00893	24	Pass
NVNT	n20	5580	Sum	NaN	NaN	16.34	0.04304	19.07	Pass
NVNT	n20	5700	Ant1	6.3	0.53	6.83	0.00482	24	Pass
NVNT	n20	5700	Ant2	6.98	0.53	7.51	0.00564	24	Pass
NVNT	n20	5700	Ant3	7.66	0.53	8.19	0.00659	24	Pass
NVNT	n20	5700	Ant4	6.58	0.53	7.11	0.00514	24	Pass
NVNT	n20	5700	Sum	NaN	NaN	13.46	0.02219	19.07	Pass
NVNT	n20	5745	Ant1	8.22	0.45	8.67	0.00736	30	Pass
NVNT	n20	5745	Ant2	9.85	0.45	10.3	0.01072	30	Pass
NVNT	n20	5745	Ant3	10.27	0.45	10.72	0.0118	30	Pass
NVNT	n20	5745	Ant4	9.2	0.45	9.65	0.00923	30	Pass
NVNT	n20	5745	Sum	NaN	NaN	15.92	0.03911	25.6	Pass
NVNT	n20	5785	Ant1	8.06	0.59	8.65	0.00733	30	Pass
NVNT	n20	5785	Ant2	8.39	0.59	8.98	0.00791	30	Pass
NVNT	n20	5785	Ant3	10.47	0.59	11.06	0.01276	30	Pass
NVNT	n20	5785	Ant4	9.04	0.59	9.63	0.00918	30	Pass
NVNT	n20	5785	Sum	NaN	NaN	15.7	0.03718	25.6	Pass
NVNT	n20	5825	Ant1	8.17	0.45	8.62	0.00728	30	Pass
NVNT	n20	5825	Ant2	8.51	0.45	8.96	0.00787	30	Pass
NVNT	n20	5825	Ant3	10.33	0.45	10.78	0.01197	30	Pass
NVNT	n20	5825	Ant4	8.88	0.45	9.33	0.00857	30	Pass
NVNT	n20	5825	Sum	NaN	NaN	15.53	0.03569	25.6	Pass
NVNT	ac20	5180	Ant1	9.27	0.34	9.61	0.00914	24	Pass
NVNT	ac20	5180	Ant2	10.01	0.34	10.35	0.01084	24	Pass
NVNT	ac20	5180	Ant3	9.3	0.34	9.64	0.0092	24	Pass
NVNT	ac20	5180	Ant4	10.13	0.34	10.47	0.01114	24	Pass
NVNT	ac20	5180	Sum	NaN	NaN	16.06	0.04033	20.49	Pass
NVNT	ac20	5200	Ant1	11.68	0.34	12.02	0.01592	24	Pass
NVNT	ac20	5200	Ant2	11.87	0.34	12.21	0.01663	24	Pass
NVNT	ac20	5200	Ant3	11.22	0.34	11.56	0.01432	24	Pass
NVNT	ac20	5200	Ant4	12.27	0.34	12.61	0.01824	24	Pass
NVNT	ac20	5200	Sum	NaN	NaN	18.14	0.06512	20.49	Pass
NVNT	ac20	5240	Ant1	10.67	0.34	11.01	0.01262	24	Pass
NVNT	ac20	5240	Ant2	10.81	0.34	11.15	0.01303	24	Pass
NVNT	ac20	5240	Ant3	10.34	0.34	10.68	0.01169	24	Pass
NVNT	ac20	5240	Ant4	11.53	0.34	11.87	0.01538	24	Pass
NVNT	ac20	5240	Sum	NaN	NaN	17.22	0.05273	20.49	Pass
NVNT	ac20	5500	Ant1	6.38	0.29	6.67	0.00465	24	Pass
NVNT	ac20	5500	Ant2	7.86	0.29	8.15	0.00653	24	Pass
NVNT	ac20	5500	Ant3	7.1	0.29	7.39	0.00548	24	Pass
NVNT	ac20	5500	Ant4	6.77	0.29	7.06	0.00508	24	Pass
NVNT	ac20	5500	Sum	NaN	NaN	13.37	0.02174	19.07	Pass
NVNT	ac20	5580	Ant1	9.69	0.05	9.74	0.00942	24	Pass
NVNT	ac20	5580	Ant2	11.5	0.05	11.55	0.01429	24	Pass
NVNT	ac20	5580	Ant3	10.79	0.05	10.84	0.01213	24	Pass
NVNT	ac20	5580	Ant4	9.64	0.05	9.69	0.00931	24	Pass
NVNT	ac20	5580	Sum	NaN	NaN	16.55	0.04515	19.07	Pass

NVNT	ac20	5700	Ant1	5.33	0.34	5.67	0.00369	24	Pass
NVNT	ac20	5700	Ant2	6.76	0.34	7.1	0.00513	24	Pass
NVNT	ac20	5700	Ant3	6.69	0.34	7.03	0.00505	24	Pass
NVNT	ac20	5700	Ant4	5.73	0.34	6.07	0.00405	24	Pass
NVNT	ac20	5700	Sum	NaN	NaN	12.53	0.01791	19.07	Pass
NVNT	ac20	5745	Ant1	8.79	0.34	9.13	0.00818	30	Pass
NVNT	ac20	5745	Ant2	8.33	0.34	8.67	0.00736	30	Pass
NVNT	ac20	5745	Ant3	10.87	0.34	11.21	0.01321	30	Pass
NVNT	ac20	5745	Ant4	9.31	0.34	9.65	0.00923	30	Pass
NVNT	ac20	5745	Sum	NaN	NaN	15.8	0.03799	25.6	Pass
NVNT	ac20	5785	Ant1	8.72	0.18	8.9	0.00776	30	Pass
NVNT	ac20	5785	Ant2	6.79	0.18	6.97	0.00498	30	Pass
NVNT	ac20	5785	Ant3	11.03	0.18	11.21	0.01321	30	Pass
NVNT	ac20	5785	Ant4	8.89	0.18	9.07	0.00807	30	Pass
NVNT	ac20	5785	Sum	NaN	NaN	15.32	0.03403	25.6	Pass
NVNT	ac20	5825	Ant1	8.8	0.15	8.95	0.00785	30	Pass
NVNT	ac20	5825	Ant2	6.35	0.15	6.5	0.00447	30	Pass
NVNT	ac20	5825	Ant3	10.65	0.15	10.8	0.01202	30	Pass
NVNT	ac20	5825	Ant4	8.89	0.15	9.04	0.00802	30	Pass
NVNT	ac20	5825	Sum	NaN	NaN	15.1	0.03236	25.6	Pass

For ISD:

Condi tion	Mod e	Frequ ency (MHz)	Anten na	Conduc ted Power (dBm)	Duty Fact or (dB)	Total Conduc ted Power (dBm)	Total Conduc ted Power (W)	Gain (dBi)	eirp (dBm)	eirp (W)	Limit Conduc ted(d Bm)	Limit EIRP (dBm)	Verdi ct
NVNT	n20	5180	Ant1	9.22	0.15	9.37	0.00865	3.49	12.86	0.01932	NaN	22.51	Pass
NVNT	n20	5180	Ant2	9.9	0.15	10.05	0.01012	3.49	13.54	0.02259	NaN	22.51	Pass
NVNT	n20	5180	Ant3	9.5	0.15	9.65	0.00923	3.49	13.14	0.02061	NaN	22.51	Pass
NVNT	n20	5180	Ant4	9.66	0.15	9.81	0.00957	3.49	13.3	0.02138	NaN	22.51	Pass
NVNT	n20	5180	Sum	NaN	NaN	15.75	0.03756	NaN	19.24	0.0839	NaN	22.51	Pass
NVNT	n20	5200	Ant1	11.63	0.6	12.23	0.01671	3.49	15.72	0.03733	NaN	22.49	Pass
NVNT	n20	5200	Ant2	11.2	0.6	11.8	0.01514	3.49	15.29	0.03381	NaN	22.49	Pass
NVNT	n20	5200	Ant3	11.46	0.6	12.06	0.01607	3.49	15.55	0.03589	NaN	22.49	Pass
NVNT	n20	5200	Ant4	12.31	0.6	12.91	0.01954	3.49	16.4	0.04365	NaN	22.49	Pass
NVNT	n20	5200	Sum	NaN	NaN	18.29	0.06746	NaN	21.78	0.15068	NaN	22.49	Pass
NVNT	n20	5240	Ant1	9.73	0.52	10.25	0.01059	3.49	13.74	0.02366	NaN	22.49	Pass
NVNT	n20	5240	Ant2	9.29	0.52	9.81	0.00957	3.49	13.3	0.02138	NaN	22.49	Pass
NVNT	n20	5240	Ant3	9.63	0.52	10.15	0.01035	3.49	13.64	0.02312	NaN	22.49	Pass
NVNT	n20	5240	Ant4	10.4	0.52	10.92	0.01236	3.49	14.41	0.02761	NaN	22.49	Pass
NVNT	n20	5240	Sum	NaN	NaN	16.32	0.04288	NaN	19.81	0.09577	NaN	22.49	Pass
NVNT	n20	5500	Ant1	7.36	0.45	7.81	0.00604	4.91	12.72	0.01871	23.49	29.49	Pass
NVNT	n20	5500	Ant2	8.35	0.45	8.8	0.00759	4.91	13.71	0.0235	23.49	29.49	Pass
NVNT	n20	5500	Ant3	8.22	0.45	8.67	0.00736	4.91	13.58	0.0228	23.49	29.49	Pass
NVNT	n20	5500	Ant4	7.81	0.45	8.26	0.0067	4.91	13.17	0.02075	23.49	29.49	Pass
NVNT	n20	5500	Sum	NaN	NaN	14.42	0.02769	NaN	19.33	0.08576	18.56	29.49	Pass
NVNT	n20	5580	Ant1	9.04	0.53	9.57	0.00906	4.91	14.48	0.02805	23.49	29.49	Pass
NVNT	n20	5580	Ant2	11.62	0.53	11.15	0.01303	4.91	16.06	0.04036	23.49	29.49	Pass
NVNT	n20	5580	Ant3	10.27	0.53	10.8	0.01202	4.91	15.71	0.03724	23.49	29.49	Pass
NVNT	n20	5580	Ant4	8.98	0.53	9.51	0.00893	4.91	14.42	0.02767	23.49	29.49	Pass
NVNT	n20	5580	Sum	NaN	NaN	16.34	0.04304	NaN	21.25	0.13333	18.56	29.49	Pass
NVNT	n20	5700	Ant1	6.3	0.53	6.83	0.00482	4.91	11.74	0.01493	23.49	29.49	Pass
NVNT	n20	5700	Ant2	6.98	0.53	7.51	0.00564	4.91	12.42	0.01746	23.49	29.49	Pass
NVNT	n20	5700	Ant3	7.66	0.53	8.19	0.00659	4.91	13.1	0.02042	23.49	29.49	Pass
NVNT	n20	5700	Ant4	6.58	0.53	7.11	0.00514	4.91	12.02	0.01592	23.49	29.49	Pass
NVNT	n20	5700	Sum	NaN	NaN	13.46	0.02219	NaN	18.37	0.06873	18.56	29.49	Pass
NVNT	n20	5745	Ant1	8.22	0.45	8.67	0.00736	4.38	13.05	0.02018	30	36	Pass
NVNT	n20	5745	Ant2	9.85	0.45	10.3	0.01072	4.38	14.68	0.02938	30	36	Pass
NVNT	n20	5745	Ant3	10.27	0.45	10.72	0.0118	4.38	15.1	0.03236	30	36	Pass
NVNT	n20	5745	Ant4	9.2	0.45	9.65	0.00923	4.38	14.03	0.02529	30	36	Pass
NVNT	n20	5745	Sum	NaN	NaN	15.92	0.03911	NaN	20.3	0.10721	25.6	36	Pass
NVNT	n20	5785	Ant1	8.06	0.59	8.65	0.00733	4.38	13.03	0.02009	30	36	Pass
NVNT	n20	5785	Ant2	8.39	0.59	8.98	0.00791	4.38	13.36	0.02168	30	36	Pass
NVNT	n20	5785	Ant3	10.47	0.59	11.06	0.01276	4.38	15.44	0.03499	30	36	Pass
NVNT	n20	5785	Ant4	9.04	0.59	9.63	0.00918	4.38	14.01	0.02518	30	36	Pass
NVNT	n20	5785	Sum	NaN	NaN	15.7	0.03718	NaN	20.08	0.10194	25.6	36	Pass
NVNT	n20	5825	Ant1	8.17	0.45	8.62	0.00728	4.38	13	0.01995	30	36	Pass
NVNT	n20	5825	Ant2	8.51	0.45	8.96	0.00787	4.38	13.34	0.02158	30	36	Pass
NVNT	n20	5825	Ant3	10.33	0.45	10.78	0.01197	4.38	15.16	0.03281	30	36	Pass
NVNT	n20	5825	Ant4	8.88	0.45	9.33	0.00857	4.38	13.71	0.0235	30	36	Pass
NVNT	n20	5825	Sum	NaN	NaN	15.53	0.03569	NaN	19.91	0.09784	25.6	36	Pass
NVNT	ac20	5180	Ant1	9.27	0.34	9.61	0.00914	3.49	13.1	0.02042	NaN	22.5	Pass
NVNT	ac20	5180	Ant2	10.01	0.34	10.35	0.01084	3.49	13.84	0.02421	NaN	22.5	Pass
NVNT	ac20	5180	Ant3	9.3	0.34	9.64	0.0092	3.49	13.13	0.02056	NaN	22.5	Pass
NVNT	ac20	5180	Ant4	10.13	0.34	10.47	0.01114	3.49	13.96	0.02489	NaN	22.5	Pass
NVNT	ac20	5180	Sum	NaN	NaN	16.06	0.04033	NaN	19.55	0.09008	NaN	22.5	Pass
NVNT	ac20	5200	Ant1	11.68	0.34	12.02	0.01592	3.49	15.51	0.03556	NaN	22.49	Pass
NVNT	ac20	5200	Ant2	11.87	0.34	12.21	0.01663	3.49	15.7	0.03715	NaN	22.49	Pass
NVNT	ac20	5200	Ant3	11.22	0.34	11.56	0.01432	3.49	15.05	0.03199	NaN	22.49	Pass
NVNT	ac20	5200	Ant4	12.27	0.34	12.61	0.01824	3.49	16.1	0.04074	NaN	22.49	Pass
NVNT	ac20	5200	Sum	NaN	NaN	18.14	0.06512	NaN	21.63	0.14544	NaN	22.49	Pass
NVNT	ac20	5240	Ant1	10.67	0.34	11.01	0.01262	3.49	14.5	0.02818	NaN	22.49	Pass
NVNT	ac20	5240	Ant2	10.81	0.34	11.15	0.01303	3.49	14.64	0.02911	NaN	22.49	Pass
NVNT	ac20	5240	Ant3	10.34	0.34	10.68	0.01169	3.49	14.17	0.02612	NaN	22.49	Pass
NVNT	ac20	5240	Ant4	11.53	0.34	11.87	0.01538	3.49	15.36	0.03436	NaN	22.49	Pass
NVNT	ac20	5240	Sum	NaN	NaN	17.22	0.05273	NaN	20.71	0.11777	NaN	22.49	Pass
NVNT	ac20	5500	Ant1	6.38	0.29	6.67	0.00465	4.91	11.58	0.01439	23.5	29.5	Pass
NVNT	ac20	5500	Ant2	7.86	0.29	8.15	0.00653	4.91	13.06	0.02023	23.5	29.5	Pass
NVNT	ac20	5500	Ant3	7.1	0.29	7.39	0.00548	4.91	12.3	0.01698	23.5	29.5	Pass
NVNT	ac20	5500	Ant4	6.77	0.29	7.06	0.00508	4.91	11.97	0.01574	23.5	29.5	Pass
NVNT	ac20	5500	Sum	NaN	NaN	13.37	0.02174	NaN	18.28	0.06734	18.57	29.5	Pass
NVNT	ac20	5580	Ant1	9.74	0	9.74	0.00942	4.91	14.65	0.02917	23.49	29.49	Pass
NVNT	ac20	5580	Ant2	11.55	0	11.55	0.01429	4.91	16.46	0.04426	23.49	29.49	Pass
NVNT	ac20	5580	Ant3	10.84	0	10.84	0.01213	4.91	15.75	0.03758	23.49	29.49	Pass
NVNT	ac20	5580	Ant4	9.69	0	9.69	0.00931	4.91	14.6	0.02884	23.49	29.49	Pass
NVNT	ac20	5580	Sum	NaN	NaN	16.55	0.04515	NaN	21.46	0.13986	18.56	29.49	Pass
NVNT	ac20	5700	Ant1	5.33	0.34	5.67	0.00369	4.91	10.58	0.01143	23.5	29.5	Pass

NVNT	ac20	5700	Ant2	6.76	0.34	7.1	0.00513	4.91	12.01	0.01589	23.5	29.5	Pass
NVNT	ac20	5700	Ant3	6.69	0.34	7.03	0.00505	4.91	11.94	0.01563	23.5	29.5	Pass
NVNT	ac20	5700	Ant4	5.73	0.34	6.07	0.00405	4.91	10.98	0.01253	23.5	29.5	Pass
NVNT	ac20	5700	Sum	NaN	NaN	12.53	0.01791	NaN	17.44	0.05548	18.57	29.5	Pass
NVNT	ac20	5745	Ant1	8.79	0.34	9.13	0.00818	4.38	13.51	0.02244	30	36	Pass
NVNT	ac20	5745	Ant2	8.33	0.34	8.67	0.00736	4.38	13.05	0.02018	30	36	Pass
NVNT	ac20	5745	Ant3	10.87	0.34	11.21	0.01321	4.38	15.59	0.03622	30	36	Pass
NVNT	ac20	5745	Ant4	9.31	0.34	9.65	0.00923	4.38	14.03	0.02529	30	36	Pass
NVNT	ac20	5745	Sum	NaN	NaN	15.8	0.03799	NaN	20.18	0.10414	25.6	36	Pass
NVNT	ac20	5785	Ant1	8.72	0.18	8.9	0.00776	4.38	13.28	0.02128	30	36	Pass
NVNT	ac20	5785	Ant2	6.79	0.18	6.97	0.00498	4.38	11.35	0.01365	30	36	Pass
NVNT	ac20	5785	Ant3	11.03	0.18	11.21	0.01321	4.38	15.59	0.03622	30	36	Pass
NVNT	ac20	5785	Ant4	8.89	0.18	9.07	0.00807	4.38	13.45	0.02213	30	36	Pass
NVNT	ac20	5785	Sum	NaN	NaN	15.32	0.03403	NaN	19.7	0.09328	25.6	36	Pass
NVNT	ac20	5825	Ant1	8.8	0.15	8.95	0.00785	4.38	13.33	0.02153	30	36	Pass
NVNT	ac20	5825	Ant2	6.35	0.15	6.5	0.00447	4.38	10.88	0.01225	30	36	Pass
NVNT	ac20	5825	Ant3	10.65	0.15	10.8	0.01202	4.38	15.18	0.03296	30	36	Pass
NVNT	ac20	5825	Ant4	8.89	0.15	9.04	0.00802	4.38	13.42	0.02198	30	36	Pass
NVNT	ac20	5825	Sum	NaN	NaN	15.1	0.03236	NaN	19.48	0.08871	25.6	36	Pass

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11n/ac: 5150MHz to 5250MHz: 3.49 dBi, 5470MHz to 5725MHz: 4.91dBi, 5725MHz to 5850MHz: 4.38 dBi (ANT1&2&3&4)..
- 3) For 5150-5250MHz in ISSED's limit, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.
- 4) For 5470-5600MHz, 5650-5725MHz and 5725-5850MHz in ISSED's limit, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less, whichever power is less. B is the 99% emission bandwidth in megahertz.