

Test Mode:	TX(5.3G) - 802.11ac-HT80
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
(5290 MHz)-Above 1G							
Vertical	4434.146	70.91	-20.73	50.17	68.2	-18.03	PK
Vertical	4434.146	59.72	-20.73	38.99	54	-15.01	AV
Vertical	10580.089	64.52	-9.03	55.49	68.2	-12.71	PK
Vertical	10580.089	49.64	-9.03	40.61	54	-13.39	AV
Vertical	15870.169	62.63	-7.74	54.89	74	-19.11	PK
Vertical	15870.169	49.82	-7.74	42.08	54	-11.92	AV
Horizontal	4434.127	71.97	-20.73	51.24	68.2	-16.96	PK
Horizontal	4434.127	59.93	-20.73	39.20	54	-14.80	AV
Horizontal	10580.068	61.34	-9.03	52.31	68.2	-15.89	PK
Horizontal	10580.068	49.69	-9.03	40.66	54	-13.34	AV
Horizontal	15870.100	64.64	-7.74	56.90	74	-17.10	PK
Horizontal	15870.100	49.06	-7.74	41.32	54	-12.68	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.118	70.44	-20.73	49.71	68.2	-18.49	PK
Vertical	4434.118	59.35	-20.73	38.62	54	-15.38	AV
Vertical	11000.066	64.97	-8.40	56.57	68.2	-11.63	PK
Vertical	11000.066	49.51	-8.40	41.11	54	-12.89	AV
Vertical	16500.023	60.15	-6.09	54.06	74	-19.94	PK
Vertical	16500.023	49.65	-6.09	43.56	54	-10.44	AV
Horizontal	4434.015	73.90	-20.73	53.16	68.2	-15.04	PK
Horizontal	4434.015	59.41	-20.73	38.68	54	-15.32	AV
Horizontal	11000.031	60.95	-8.40	52.55	68.2	-15.65	PK
Horizontal	11000.031	49.18	-8.40	40.78	54	-13.22	AV
Horizontal	16500.196	60.56	-6.09	54.47	74	-19.53	PK
Horizontal	16500.196	49.04	-6.09	42.95	54	-11.05	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.071	74.03	-20.42	53.61	74	-20.39	PK
Vertical	4592.071	60.00	-20.42	39.58	54	-14.42	AV
Vertical	11160.105	62.62	-8.53	54.09	68.2	-14.11	PK
Vertical	11160.105	49.90	-8.53	41.37	54	-12.63	AV
Vertical	16740.155	64.66	-5.31	59.35	74	-14.65	PK
Vertical	16740.155	49.38	-5.31	44.07	54	-9.93	AV
Horizontal	4592.003	74.30	-20.42	53.88	74	-20.12	PK
Horizontal	4592.003	59.89	-20.42	39.47	54	-14.53	AV
Horizontal	11160.029	63.10	-8.53	54.57	68.2	-13.63	PK
Horizontal	11160.029	49.24	-8.53	40.71	54	-13.29	AV
Horizontal	16740.158	60.68	-5.31	55.37	74	-18.63	PK
Horizontal	16740.158	49.08	-5.31	43.77	54	-10.23	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.087	71.58	-20.12	51.46	74	-22.54	PK
Vertical	4739.087	59.21	-20.12	39.09	54	-14.91	AV
Vertical	11400.031	63.76	-8.72	55.04	68.2	-13.16	PK
Vertical	11400.031	49.73	-8.72	41.01	54	-12.99	AV
Vertical	17100.038	63.39	-3.92	59.47	74	-14.53	PK
Vertical	17100.038	49.27	-3.92	45.35	54	-8.65	AV
Horizontal	4739.076	70.12	-20.12	50.00	74	-24.00	PK
Horizontal	4739.076	59.43	-20.12	39.31	54	-14.69	AV
Horizontal	11400.140	63.55	-8.72	54.83	68.2	-13.37	PK
Horizontal	11400.140	49.37	-8.72	40.65	54	-13.35	AV
Horizontal	17100.182	63.24	-3.92	59.32	74	-14.68	PK
Horizontal	17100.182	49.76	-3.92	45.84	54	-8.16	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode:	TX(5.6G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.007	73.22	-20.73	52.49	68.2	-15.71	PK
Vertical	4434.007	59.29	-20.73	38.56	54	-15.44	AV
Vertical	11000.090	64.20	-8.40	55.80	68.2	-12.40	PK
Vertical	11000.090	49.79	-8.40	41.39	54	-12.61	AV
Vertical	16500.066	62.02	-6.09	55.93	74	-18.07	PK
Vertical	16500.066	49.51	-6.09	43.42	54	-10.58	AV
Horizontal	4434.088	71.11	-20.73	50.38	68.2	-17.82	PK
Horizontal	4434.088	59.60	-20.73	38.87	54	-15.13	AV
Horizontal	11000.187	63.81	-8.40	55.41	68.2	-12.79	PK
Horizontal	11000.187	49.83	-8.40	41.43	54	-12.57	AV
Horizontal	16500.074	61.39	-6.09	55.30	74	-18.70	PK
Horizontal	16500.074	49.94	-6.09	43.85	54	-10.15	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.002	73.71	-20.42	53.29	74	-20.71	PK
Vertical	4592.002	59.44	-20.42	39.03	54	-14.97	AV
Vertical	11160.096	64.79	-8.53	56.26	68.2	-11.94	PK
Vertical	11160.096	49.92	-8.53	41.39	54	-12.61	AV
Vertical	16740.067	63.35	-5.31	58.04	74	-15.96	PK
Vertical	16740.067	49.28	-5.31	43.97	54	-10.03	AV
Horizontal	4592.040	72.44	-20.42	52.02	74	-21.98	PK
Horizontal	4592.040	59.29	-20.42	38.88	54	-15.12	AV
Horizontal	11160.018	63.39	-8.53	54.86	68.2	-13.34	PK
Horizontal	11160.018	49.05	-8.53	40.52	54	-13.48	AV
Horizontal	16740.017	62.37	-5.31	57.06	74	-16.94	PK
Horizontal	16740.017	49.61	-5.31	44.30	54	-9.70	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.052	73.75	-20.12	53.63	74	-20.37	PK
Vertical	4739.052	59.44	-20.12	39.32	54	-14.68	AV
Vertical	11400.082	60.46	-8.72	51.74	68.2	-16.46	PK
Vertical	11400.082	49.92	-8.72	41.20	54	-12.80	AV
Vertical	17100.191	64.68	-3.92	60.76	74	-13.24	PK
Vertical	17100.191	49.54	-3.92	45.62	54	-8.38	AV
Horizontal	4739.144	70.75	-20.12	50.63	74	-23.37	PK
Horizontal	4739.144	59.94	-20.12	39.82	54	-14.18	AV
Horizontal	11400.045	61.59	-8.72	52.87	68.2	-15.33	PK
Horizontal	11400.045	49.73	-8.72	41.01	54	-12.99	AV
Horizontal	17100.193	60.96	-3.92	57.04	74	-16.96	PK
Horizontal	17100.193	49.18	-3.92	45.26	54	-8.74	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11n-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5510 MHz)-Above 1G							
Vertical	4434.035	73.48	-20.73	52.75	68.2	-15.45	PK
Vertical	4434.035	59.55	-20.73	38.81	54	-15.19	AV
Vertical	11020.056	60.66	-8.40	52.26	68.2	-15.94	PK
Vertical	11020.056	49.05	-8.40	40.65	54	-13.35	AV
Vertical	16530.116	60.14	-6.09	54.05	74	-19.95	PK
Vertical	16530.116	49.73	-6.09	43.64	54	-10.36	AV
Horizontal	4434.052	74.78	-20.73	54.05	68.2	-14.15	PK
Horizontal	4434.052	59.56	-20.73	38.83	54	-15.17	AV
Horizontal	11020.085	64.77	-8.40	56.37	68.2	-11.83	PK
Horizontal	11020.085	49.78	-8.40	41.38	54	-12.62	AV
Horizontal	16530.027	60.09	-6.09	54.00	74	-20.00	PK
Horizontal	16530.027	49.77	-6.09	43.68	54	-10.32	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.056	72.34	-20.42	51.92	74	-22.08	PK
Vertical	4592.056	59.65	-20.42	39.24	54	-14.76	AV
Vertical	11100.000	64.14	-8.53	55.61	68.2	-12.59	PK
Vertical	11100.000	49.44	-8.53	40.91	54	-13.09	AV
Vertical	16650.057	62.33	-5.31	57.02	74	-16.98	PK
Vertical	16650.057	49.36	-5.31	44.05	54	-9.95	AV
Horizontal	4592.145	74.05	-20.42	53.64	74	-20.36	PK
Horizontal	4592.145	59.51	-20.42	39.10	54	-14.90	AV
Horizontal	11100.186	63.74	-8.53	55.21	68.2	-12.99	PK
Horizontal	11100.186	49.98	-8.53	41.45	54	-12.55	AV
Horizontal	16650.094	64.83	-5.31	59.52	74	-14.48	PK
Horizontal	16650.094	49.35	-5.31	44.04	54	-9.96	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.117	71.25	-20.12	51.12	74	-22.88	PK
Vertical	4739.117	59.45	-20.12	39.33	54	-14.67	AV
Vertical	11340.066	64.79	-8.72	56.07	68.2	-12.13	PK
Vertical	11340.066	49.82	-8.72	41.10	54	-12.90	AV
Vertical	17010.023	64.39	-3.92	60.47	74	-13.53	PK
Vertical	17010.023	49.23	-3.92	45.31	54	-8.69	AV
Horizontal	4739.128	73.35	-20.12	53.22	74	-20.78	PK
Horizontal	4739.128	59.33	-20.12	39.21	54	-14.79	AV
Horizontal	11340.178	63.51	-8.72	54.79	68.2	-13.41	PK
Horizontal	11340.178	49.77	-8.72	41.05	54	-12.95	AV
Horizontal	17010.175	62.31	-3.92	58.39	74	-15.61	PK
Horizontal	17010.175	49.87	-3.92	45.95	54	-8.05	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.048	73.45	-20.73	52.72	68.2	-15.48	PK
Vertical	4434.048	59.95	-20.73	39.22	54	-14.78	AV
Vertical	11000.009	61.20	-8.40	52.80	68.2	-15.40	PK
Vertical	11000.009	49.37	-8.40	40.97	54	-13.03	AV
Vertical	16500.140	64.89	-6.09	58.80	74	-15.20	PK
Vertical	16500.140	49.60	-6.09	43.51	54	-10.49	AV
Horizontal	4434.093	74.52	-20.73	53.79	68.2	-14.41	PK
Horizontal	4434.093	59.10	-20.73	38.37	54	-15.63	AV
Horizontal	11000.030	61.26	-8.40	52.86	68.2	-15.34	PK
Horizontal	11000.030	49.97	-8.40	41.57	54	-12.43	AV
Horizontal	16500.114	62.88	-6.09	56.79	74	-17.21	PK
Horizontal	16500.114	49.20	-6.09	43.11	54	-10.89	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.016	73.32	-20.42	52.91	74	-21.09	PK
Vertical	4592.016	59.24	-20.42	38.82	54	-15.18	AV
Vertical	11160.031	63.05	-8.53	54.52	68.2	-13.68	PK
Vertical	11160.031	49.27	-8.53	40.74	54	-13.26	AV
Vertical	16740.059	64.51	-5.31	59.20	74	-14.80	PK
Vertical	16740.059	49.80	-5.31	44.49	54	-9.51	AV
Horizontal	4592.131	73.67	-20.42	53.25	74	-20.75	PK
Horizontal	4592.131	59.96	-20.42	39.54	54	-14.46	AV
Horizontal	11160.100	64.93	-8.53	56.40	68.2	-11.80	PK
Horizontal	11160.100	49.64	-8.53	41.11	54	-12.89	AV
Horizontal	16740.156	62.44	-5.31	57.13	74	-16.87	PK
Horizontal	16740.156	49.24	-5.31	43.93	54	-10.07	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.135	71.33	-20.12	51.20	74	-22.80	PK
Vertical	4739.135	59.90	-20.12	39.78	54	-14.22	AV
Vertical	11400.164	63.58	-8.72	54.86	68.2	-13.34	PK
Vertical	11400.164	49.24	-8.72	40.52	54	-13.48	AV
Vertical	17100.053	62.15	-3.92	58.23	74	-15.77	PK
Vertical	17100.053	49.58	-3.92	45.66	54	-8.34	AV
Horizontal	4739.059	70.90	-20.12	50.77	74	-23.23	PK
Horizontal	4739.059	59.60	-20.12	39.48	54	-14.52	AV
Horizontal	11400.191	62.37	-8.72	53.65	68.2	-14.55	PK
Horizontal	11400.191	49.55	-8.72	40.83	54	-13.17	AV
Horizontal	17100.167	61.28	-3.92	57.36	74	-16.64	PK
Horizontal	17100.167	49.16	-3.92	45.24	54	-8.76	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5510 MHz)-Above 1G							
Vertical	4434.157	73.04	-20.73	52.31	68.2	-15.89	PK
Vertical	4434.157	59.33	-20.73	38.60	54	-15.40	AV
Vertical	11020.015	62.75	-8.40	54.35	68.2	-13.85	PK
Vertical	11020.015	49.45	-8.40	41.05	54	-12.95	AV
Vertical	16530.009	64.69	-6.09	58.60	74	-15.40	PK
Vertical	16530.009	49.33	-6.09	43.24	54	-10.76	AV
Horizontal	4434.111	72.88	-20.73	52.15	68.2	-16.05	PK
Horizontal	4434.111	59.45	-20.73	38.72	54	-15.28	AV
Horizontal	11020.071	60.75	-8.40	52.35	68.2	-15.85	PK
Horizontal	11020.071	49.82	-8.40	41.42	54	-12.58	AV
Horizontal	16530.042	62.37	-6.09	56.28	74	-17.72	PK
Horizontal	16530.042	49.30	-6.09	43.21	54	-10.79	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.059	70.30	-20.42	49.88	74	-24.12	PK
Vertical	4592.059	59.95	-20.42	39.54	54	-14.46	AV
Vertical	11100.177	61.11	-8.53	52.58	68.2	-15.62	PK
Vertical	11100.177	49.93	-8.53	41.40	54	-12.60	AV
Vertical	16650.002	62.11	-5.31	56.80	74	-17.20	PK
Vertical	16650.002	49.17	-5.31	43.86	54	-10.14	AV
Horizontal	4592.176	74.84	-20.42	54.42	74	-19.58	PK
Horizontal	4592.176	59.98	-20.42	39.56	54	-14.44	AV
Horizontal	11100.130	61.25	-8.53	52.72	68.2	-15.48	PK
Horizontal	11100.130	49.49	-8.53	40.96	54	-13.04	AV
Horizontal	16650.124	62.18	-5.31	56.87	74	-17.13	PK
Horizontal	16650.124	49.67	-5.31	44.36	54	-9.64	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.073	71.67	-20.12	51.54	74	-22.46	PK
Vertical	4739.073	59.53	-20.12	39.40	54	-14.60	AV
Vertical	11340.056	64.89	-8.72	56.17	68.2	-12.03	PK
Vertical	11340.056	49.47	-8.72	40.75	54	-13.25	AV
Vertical	17010.150	61.05	-3.92	57.13	74	-16.87	PK
Vertical	17010.150	49.73	-3.92	45.81	54	-8.19	AV
Horizontal	4739.188	71.06	-20.12	50.93	74	-23.07	PK
Horizontal	4739.188	59.78	-20.12	39.65	54	-14.35	AV
Horizontal	11340.051	64.96	-8.72	56.24	68.2	-11.96	PK
Horizontal	11340.051	49.94	-8.72	41.22	54	-12.78	AV
Horizontal	17010.113	62.27	-3.92	58.35	74	-15.65	PK
Horizontal	17010.113	49.04	-3.92	45.12	54	-8.88	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT80
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
(5530 MHz)-Above 1G							
Vertical	4434.128	70.40	-20.12	50.28	74	-23.72	PK
Vertical	4434.128	59.04	-20.12	38.91	54	-15.09	AV
Vertical	11060.173	64.36	-8.72	55.64	68.2	-12.56	PK
Vertical	11060.173	49.31	-8.72	40.59	54	-13.41	AV
Vertical	16590.152	63.36	-3.92	59.44	74	-14.56	PK
Vertical	16590.152	49.19	-3.92	45.27	54	-8.73	AV
Horizontal	4434.061	72.30	-20.12	52.18	74	-21.82	PK
Horizontal	4434.061	59.89	-20.12	39.77	54	-14.23	AV
Horizontal	11060.147	61.24	-8.72	52.52	68.2	-15.68	PK
Horizontal	11060.147	49.69	-8.72	40.97	54	-13.03	AV
Horizontal	16590.157	60.37	-3.92	56.45	74	-17.55	PK
Horizontal	16590.157	49.55	-3.92	45.63	54	-8.37	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11a
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.058	70.81	-20.24	50.57	74	-23.43	PK
Vertical	4679.058	59.45	-20.24	39.20	54	-14.80	AV
Vertical	11490.042	60.52	-8.79	51.73	68.2	-16.47	PK
Vertical	11490.042	49.65	-8.79	40.86	54	-13.14	AV
Vertical	17235.104	56.89	-3.18	53.71	68.2	-14.49	PK
Vertical	17235.104	44.89	-3.18	41.71	54	-12.29	AV
Horizontal	4679.027	70.81	-20.73	50.08	74	-23.92	PK
Horizontal	4679.027	59.87	-20.73	39.14	54	-14.86	AV
Horizontal	11490.174	63.14	-8.79	54.35	68.2	-13.85	PK
Horizontal	11490.174	49.52	-8.79	40.73	54	-13.27	AV
Horizontal	17235.084	55.72	-3.18	52.54	68.2	-15.66	PK
Horizontal	17235.084	44.09	-3.18	40.91	54	-13.09	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.087	74.22	-20.42	53.81	74	-20.19	PK
Vertical	4592.087	59.93	-20.42	39.51	54	-14.49	AV
Vertical	11570.065	63.81	-8.86	54.95	68.2	-13.25	PK
Vertical	11570.065	49.10	-8.86	40.24	54	-13.76	AV
Vertical	17355.054	55.57	-2.52	53.05	68.2	-15.15	PK
Vertical	17355.054	44.16	-2.52	41.64	54	-12.36	AV
Horizontal	4592.071	71.41	-20.42	51.00	74	-23.00	PK
Horizontal	4592.071	59.17	-20.42	38.75	54	-15.25	AV
Horizontal	11570.109	61.24	-8.86	52.38	68.2	-15.82	PK
Horizontal	11570.109	49.52	-8.86	40.66	54	-13.34	AV
Horizontal	17355.123	59.52	-2.52	57.00	68.2	-11.20	PK
Horizontal	17355.123	44.51	-2.52	41.99	54	-12.01	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.090	72.99	-18.93	54.06	68.2	-14.14	PK
Vertical	6039.090	59.02	-18.93	40.09	54	-13.91	AV
Vertical	11650.108	61.28	-8.92	52.36	74	-21.64	PK
Vertical	11650.108	49.89	-8.92	40.97	54	-13.03	AV
Vertical	17475.099	56.14	-1.86	54.28	68.2	-13.92	PK
Vertical	17475.099	44.61	-1.86	42.75	54	-11.25	AV
Horizontal	6039.084	73.69	-18.93	54.76	68.2	-13.44	PK
Horizontal	6039.084	59.66	-18.93	40.72	54	-13.28	AV
Horizontal	11650.144	62.42	-8.92	53.50	74	-20.50	PK
Horizontal	11650.144	49.04	-8.92	40.12	54	-13.88	AV
Horizontal	17475.146	56.30	-1.86	54.44	68.2	-13.76	PK
Horizontal	17475.146	44.85	-1.86	42.99	54	-11.01	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode: TX (5.8G) --802.11n-HT20

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.059	70.38	-20.24	50.13	74	-23.87	PK
Vertical	4679.059	59.22	-20.24	38.98	54	-15.02	AV
Vertical	11490.048	63.73	-8.79	54.94	68.2	-13.26	PK
Vertical	11490.048	49.39	-8.79	40.60	54	-13.40	AV
Vertical	17235.121	55.28	-3.18	52.10	68.2	-16.10	PK
Vertical	17235.121	44.33	-3.18	41.15	54	-12.85	AV
Horizontal	4679.145	72.32	-20.24	52.07	74	-21.93	PK
Horizontal	4679.145	59.74	-20.24	39.49	54	-14.51	AV
Horizontal	11490.200	62.72	-8.79	53.93	68.2	-14.27	PK
Horizontal	11490.200	49.61	-8.79	40.82	54	-13.18	AV
Horizontal	17235.056	56.09	-3.18	52.91	68.2	-15.29	PK
Horizontal	17235.056	44.19	-3.18	41.01	54	-12.99	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.141	74.11	-20.42	53.70	74	-20.30	PK
Vertical	4592.141	59.06	-20.42	38.64	54	-15.36	AV
Vertical	11570.131	60.28	-8.86	51.42	68.2	-16.78	PK
Vertical	11570.131	49.40	-8.86	40.54	54	-13.46	AV
Vertical	17355.121	57.55	-2.52	55.03	68.2	-13.17	PK
Vertical	17355.121	44.61	-2.52	42.09	54	-11.91	AV
Horizontal	4592.123	74.81	-20.42	54.40	74	-19.60	PK
Horizontal	4592.123	59.23	-20.42	38.82	54	-15.18	AV
Horizontal	11570.132	61.47	-8.86	52.61	68.2	-15.59	PK
Horizontal	11570.132	49.83	-8.86	40.97	54	-13.03	AV
Horizontal	17355.137	56.89	-2.52	54.37	68.2	-13.83	PK
Horizontal	17355.137	44.26	-2.52	41.74	54	-12.26	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.153	70.04	-18.93	51.11	68.2	-17.09	PK
Vertical	6039.153	59.30	-18.93	40.36	54	-13.64	AV
Vertical	11650.026	60.15	-8.92	51.23	74	-22.77	PK
Vertical	11650.026	49.49	-8.92	40.57	54	-13.43	AV
Vertical	17475.012	58.99	-1.86	57.13	68.2	-11.07	PK
Vertical	17475.012	44.35	-1.86	42.49	54	-11.51	AV
Horizontal	6039.045	70.22	-18.93	51.29	68.2	-16.91	PK
Horizontal	6039.045	59.67	-18.93	40.74	54	-13.26	AV
Horizontal	11650.121	61.90	-8.92	52.98	74	-21.02	PK
Horizontal	11650.121	49.21	-8.92	40.29	54	-13.71	AV
Horizontal	17475.029	55.66	-1.86	53.80	68.2	-14.40	PK
Horizontal	17475.029	44.07	-1.86	42.21	54	-11.79	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11n-HT40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.142	72.59	-20.24	52.35	74	-21.65	PK
Vertical	4679.142	59.36	-20.24	39.12	54	-14.88	AV
Vertical	11510.047	64.51	-8.81	55.70	74	-18.30	PK
Vertical	11510.047	49.59	-8.81	40.78	54	-13.22	AV
Vertical	17265.197	56.79	-3.01	53.78	68.2	-14.42	PK
Vertical	17265.197	44.59	-3.01	41.58	54	-12.42	AV
Horizontal	4679.074	72.53	-20.24	52.29	74	-21.71	PK
Horizontal	4679.074	59.58	-20.24	39.34	54	-14.66	AV
Horizontal	11510.009	63.84	-8.81	55.03	74	-18.97	PK
Horizontal	11510.009	49.83	-8.81	41.02	54	-12.98	AV
Horizontal	17265.005	55.24	-3.01	52.23	68.2	-15.97	PK
Horizontal	17265.005	44.65	-3.01	41.64	54	-12.36	AV
Middle Channel (5795 MHz)-Above 1G							
Vertical	6039.015	73.16	-18.93	54.23	68.2	-13.97	PK
Vertical	6039.015	59.97	-18.93	41.04	54	-12.96	AV
Vertical	11590.088	61.55	-8.87	52.68	74	-21.32	PK
Vertical	11590.088	49.90	-8.87	41.03	54	-12.97	AV
Vertical	17385.160	57.71	-2.35	55.36	68.2	-12.84	PK
Vertical	17385.160	44.73	-2.35	42.38	54	-11.62	AV
Horizontal	6039.094	70.03	-18.93	51.10	68.2	-17.10	PK
Horizontal	6039.094	59.05	-18.93	40.12	54	-13.88	AV
Horizontal	11590.173	61.82	-8.87	52.95	74	-21.05	PK
Horizontal	11590.173	49.49	-8.87	40.62	54	-13.38	AV
Horizontal	17385.142	57.51	-2.35	55.16	68.2	-13.04	PK
Horizontal	17385.142	44.62	-2.35	42.27	54	-11.73	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode: TX (5.8G) --802.11ac-HT20

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.060	73.58	-20.24	53.34	74	-20.66	PK
Vertical	4679.060	59.97	-20.24	39.73	54	-14.27	AV
Vertical	11490.060	63.65	-8.79	54.86	68.2	-13.34	PK
Vertical	11490.060	49.59	-8.79	40.80	54	-13.20	AV
Vertical	17235.156	57.93	-3.18	54.75	68.2	-13.45	PK
Vertical	17235.156	44.09	-3.18	40.91	54	-13.09	AV
Horizontal	4679.029	72.76	-20.24	52.51	74	-21.49	PK
Horizontal	4679.029	59.55	-20.24	39.31	54	-14.69	AV
Horizontal	11490.156	62.67	-8.79	53.88	68.2	-14.32	PK
Horizontal	11490.156	49.04	-8.79	40.25	54	-13.75	AV
Horizontal	17235.088	59.65	-3.18	56.47	68.2	-11.73	PK
Horizontal	17235.088	44.82	-3.18	41.64	54	-12.36	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.080	71.28	-20.42	50.86	74	-23.14	PK
Vertical	4592.080	59.43	-20.42	39.02	54	-14.98	AV
Vertical	11570.101	62.10	-8.86	53.24	68.2	-14.96	PK
Vertical	11570.101	49.86	-8.86	41.00	54	-13.00	AV
Vertical	17355.014	55.37	-2.52	52.85	68.2	-15.35	PK
Vertical	17355.014	44.38	-2.52	41.86	54	-12.14	AV
Horizontal	4592.200	71.28	-20.42	50.86	74	-23.14	PK
Horizontal	4592.200	59.74	-20.42	39.32	54	-14.68	AV
Horizontal	11570.068	62.39	-8.86	53.53	68.2	-14.67	PK
Horizontal	11570.068	49.21	-8.86	40.35	54	-13.65	AV
Horizontal	17355.081	57.27	-2.52	54.75	68.2	-13.45	PK
Horizontal	17355.081	44.88	-2.52	42.36	54	-11.64	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.106	74.04	-18.93	55.11	68.2	-13.09	PK
Vertical	6039.106	59.33	-18.93	40.40	54	-13.60	AV
Vertical	11650.175	62.00	-8.92	53.08	74	-20.92	PK
Vertical	11650.175	49.97	-8.92	41.05	54	-12.95	AV
Vertical	17475.175	59.97	-1.86	58.11	68.2	-10.09	PK
Vertical	17475.175	44.20	-1.86	42.34	54	-11.66	AV
Horizontal	6039.037	70.57	-18.93	51.64	68.2	-16.56	PK
Horizontal	6039.037	59.93	-18.93	40.99	54	-13.01	AV
Horizontal	11650.161	61.56	-8.92	52.64	74	-21.36	PK
Horizontal	11650.161	49.34	-8.92	40.42	54	-13.58	AV
Horizontal	17475.157	56.12	-1.86	54.26	68.2	-13.94	PK
Horizontal	17475.157	44.69	-1.86	42.83	54	-11.17	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11ac-HT40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.093	70.25	-20.24	50.01	74	-23.99	PK
Vertical	4679.093	59.07	-20.24	38.83	54	-15.17	AV
Vertical	11510.034	60.41	-8.81	51.60	74	-22.40	PK
Vertical	11510.034	49.96	-8.81	41.15	54	-12.85	AV
Vertical	17265.096	55.45	-3.01	52.44	68.2	-15.76	PK
Vertical	17265.096	44.70	-3.01	41.69	54	-12.31	AV
Horizontal	4679.095	74.99	-20.24	54.74	74	-19.26	PK
Horizontal	4679.095	59.79	-20.24	39.55	54	-14.45	AV
Horizontal	11510.040	63.59	-8.81	54.78	74	-19.22	PK
Horizontal	11510.040	49.07	-8.81	40.26	54	-13.74	AV
Horizontal	17265.178	55.35	-3.01	52.34	68.2	-15.86	PK
Horizontal	17265.178	44.52	-3.01	41.51	54	-12.49	AV
Middle Channel (5795 MHz)-Above 1G							
Vertical	6039.038	72.53	-18.93	53.60	68.2	-14.60	PK
Vertical	6039.038	59.75	-18.93	40.81	54	-13.19	AV
Vertical	11590.024	64.61	-8.87	55.74	74	-18.26	PK
Vertical	11590.024	49.97	-8.87	41.10	54	-12.90	AV
Vertical	17385.195	56.90	-2.35	54.55	68.2	-13.65	PK
Vertical	17385.195	44.34	-2.35	41.99	54	-12.01	AV
Horizontal	6039.094	74.27	-18.93	55.34	68.2	-12.86	PK
Horizontal	6039.094	59.47	-18.93	40.54	54	-13.46	AV
Horizontal	11590.026	60.96	-8.87	52.09	74	-21.91	PK
Horizontal	11590.026	49.77	-8.87	40.90	54	-13.10	AV
Horizontal	17385.086	56.06	-2.35	53.71	68.2	-14.49	PK
Horizontal	17385.086	44.38	-2.35	42.03	54	-11.97	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11ac-HT80
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
(5775 MHz)-Above 1G							
Vertical	4679.193	71.94	-20.24	51.69	74	-22.31	PK
Vertical	4679.193	59.22	-20.24	38.97	54	-15.03	AV
Vertical	11550.027	64.83	-8.84	55.99	74	-18.01	PK
Vertical	11550.027	49.50	-8.84	40.66	54	-13.34	AV
Vertical	17325.156	55.29	-2.68	52.61	68.2	-15.59	PK
Vertical	17325.156	44.07	-2.68	41.39	54	-12.61	AV
Horizontal	4679.081	72.63	-20.24	52.39	74	-21.61	PK
Horizontal	4679.081	59.20	-20.24	38.96	54	-15.04	AV
Horizontal	11550.094	62.20	-8.84	53.36	74	-20.64	PK
Horizontal	11550.094	49.36	-8.84	40.52	54	-13.48	AV
Horizontal	17325.026	59.02	-2.68	56.34	68.2	-11.86	PK
Horizontal	17325.026	44.59	-2.68	41.91	54	-12.09	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

ANT 1

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
- All the modes 802.11a/n/ac has been tested and the worst result 802.11ac20 recorded as below:

Test mode: 802.11ac20-MIMO Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5150.45	H	63.75	74	45.42	54
5150.23	V	63.65	74	43.35	54

Test mode: 802.11ac20-MIMO Frequency(MHz): 5320

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5360.35	H	46.32	74	33.15	54
5360.24	V	45.32	74	34.25	54

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
 - (2) Emission Level= Reading Level+Correct Factor.
 - (3) Correct Factor= Ant_F + Cab_L - Preamp

ANT 2

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
- All the modes 802.11a/n/ac has been tested and the worst result 802.11ac20 recorded as below:

Test mode: 802.11ac20-MIMO Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5150.35	H	64.16	74	45.42	54
5150.21	V	63.48	74	43.56	54

Test mode: 802.11ac20-MIMO Frequency(MHz): 5320

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5360.32	H	45.62	74	31.42	54
5360.22	V	43.45	74	33.36	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp

ANT 3

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
- All the modes 802.11a/n/ac has been tested and the worst result 802.11ac20 recorded as below:

Test mode: 802.11ac20-MIMO Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5150.35	H	63.42	74	45.31	54
5150.21	V	63.5	74	43.41	54

Test mode: 802.11ac20-MIMO Frequency(MHz): 5320

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5360.32	H	45.42	74	31.25	54
5360.22	V	43.41	74	33.35	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp

ANT 4

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
- All the modes 802.11a/n/ac has been tested and the worst result 802.11ac20 recorded as below:

Test mode: 802.11ac20-MIMO Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5150.35	H	63.72	74	45.34	54
5150.21	V	63.65	74	43.44	54

Test mode: 802.11ac20-MIMO Frequency(MHz): 5320

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5360.32	H	45.38	74	31.36	54
5360.22	V	43.42	74	33.42	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp

8. Power Spectral Density Test

8.1 Block Diagram Of Test Setup



8.2 Limit

For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(b) (2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.3 Test Procedure

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3 RBW$.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ KHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since $RBW=100 \text{ KHz}$ is available on nearly all spectrum analyzers.

8.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

8.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-1) 5180MHz-5240MHz		

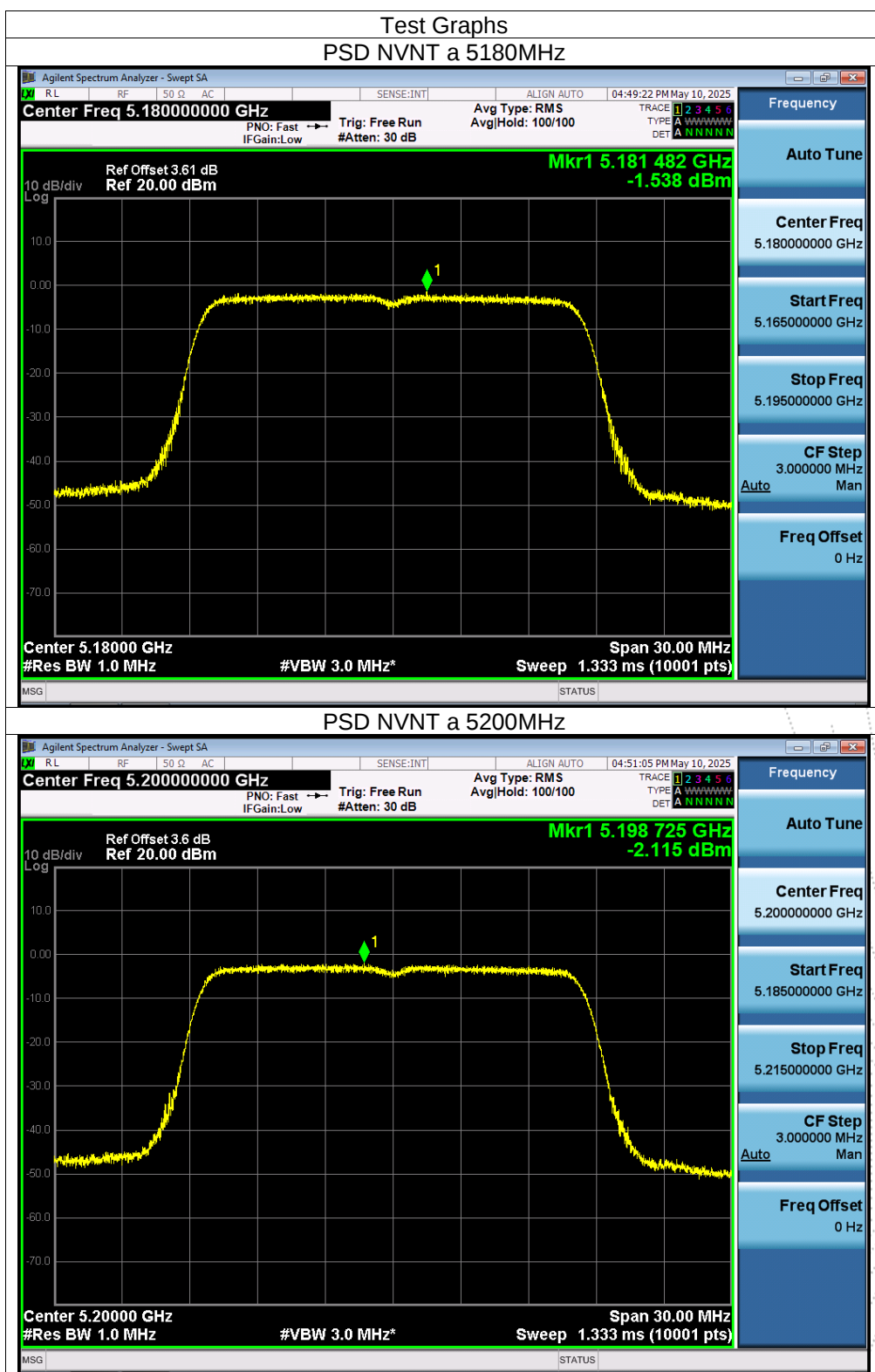
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5180	-4.04	-1.54	/	11	Pass
NVNT	a	5200	-3.9	-2.12	/	11	Pass
NVNT	a	5240	-3.65	-1.97	/	11	Pass
NVNT	n20	5180	-5	-2.75	-0.72	7.03	Pass
NVNT	n20	5200	-4.79	-2.95	-0.76	7.03	Pass
NVNT	n20	5240	-4.61	-3.74	-1.14	7.03	Pass
NVNT	n40	5190	-9.41	-6.5	-4.71	7.03	Pass
NVNT	n40	5230	-9.24	-7.14	-5.05	7.03	Pass
NVNT	ac20	5180	-5.38	-2.52	-0.71	7.03	Pass
NVNT	ac20	5200	-5.16	-2.54	-0.65	7.03	Pass
NVNT	ac20	5240	-4.75	-3.15	-0.87	7.03	Pass
NVNT	ac40	5190	-9.32	-6.42	-4.62	7.03	Pass
NVNT	ac40	5230	-8.96	-7.21	-4.99	7.03	Pass
NVNT	ac80	5210	-13.21	-10.62	-8.71	7.03	Pass

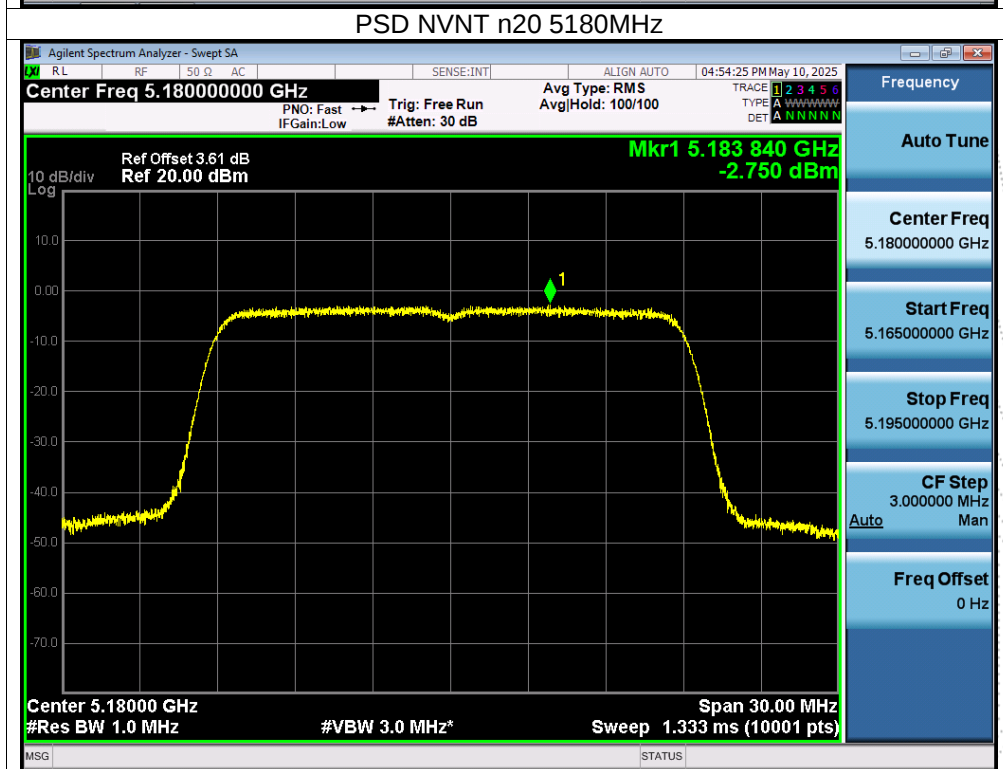
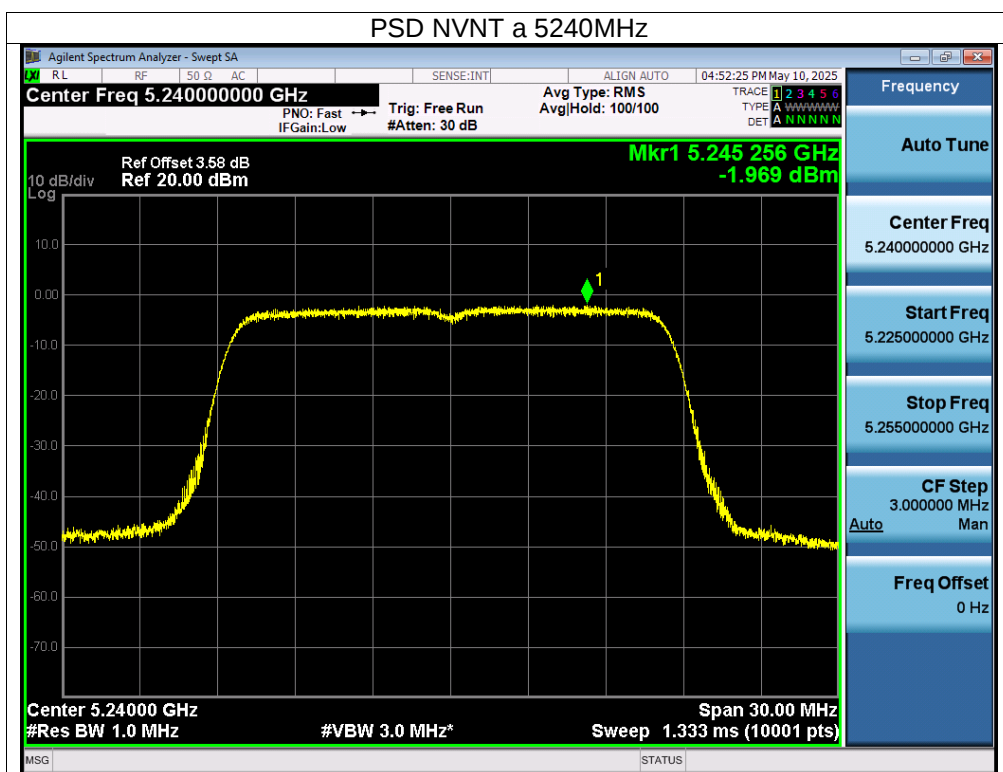
Note:

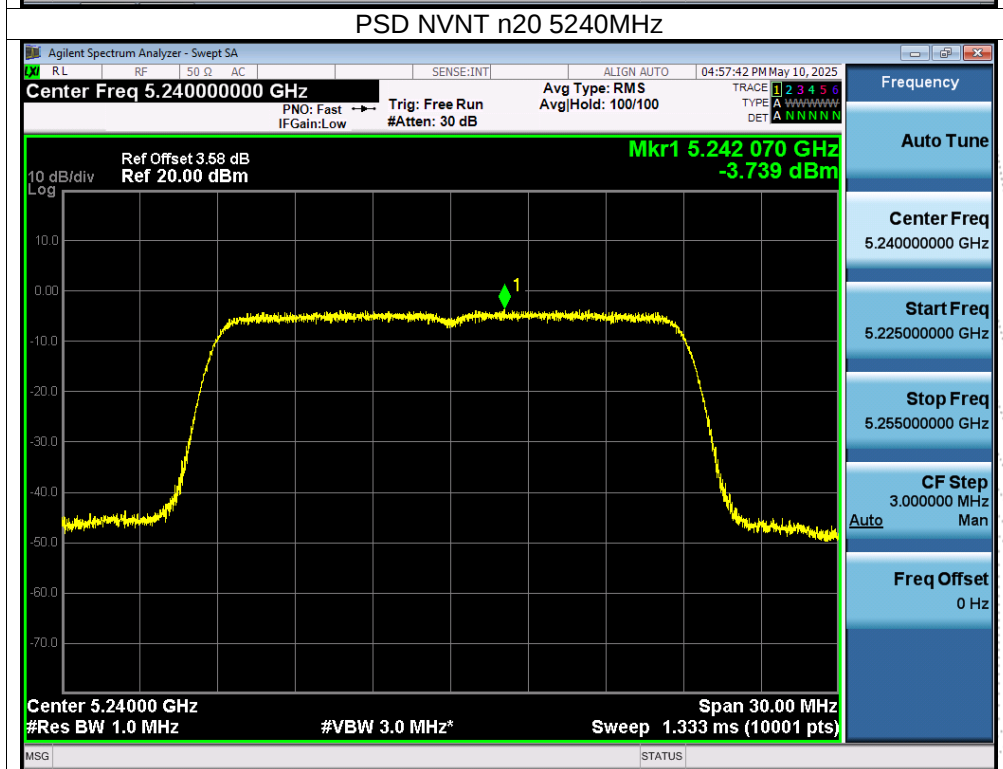
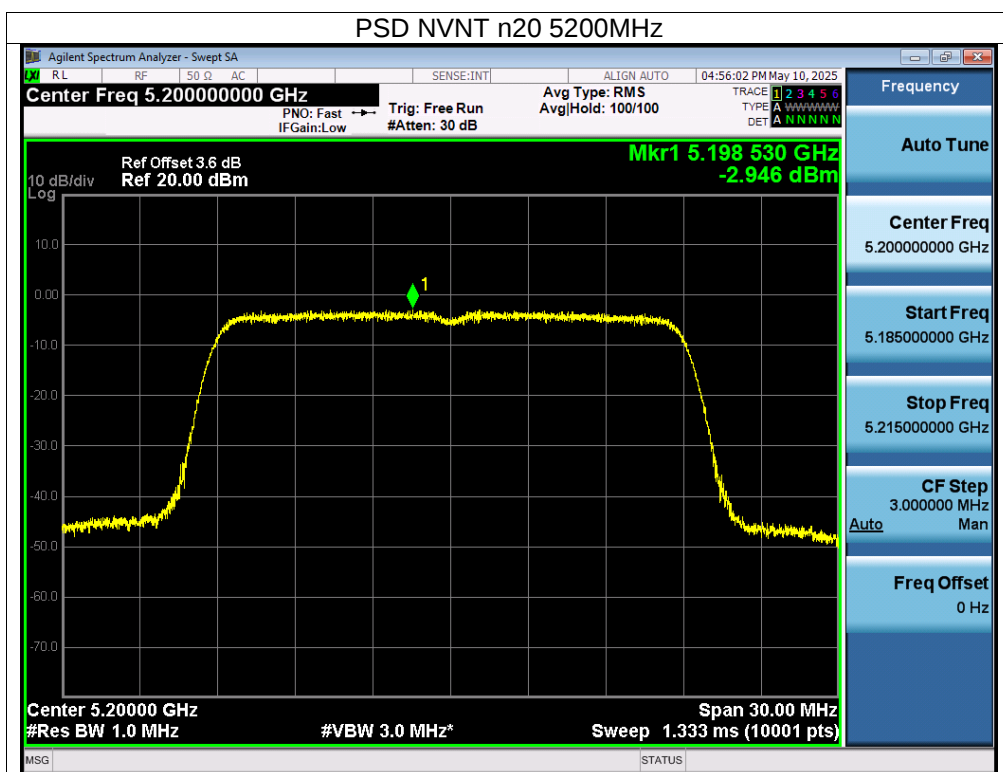
Antenna 1 gain: 3.07 dBi, Antenna 2 gain: 6.76dBi, Antenna 3 gain: 6.96 dBi, Antenna 4 gain: 2.55 dBi,
Directional gain=[GainANT + 10 log(NANT) dBi] =9.97 dBi>6dbi
Limit=11-(9.97-6)=7.03 dbi

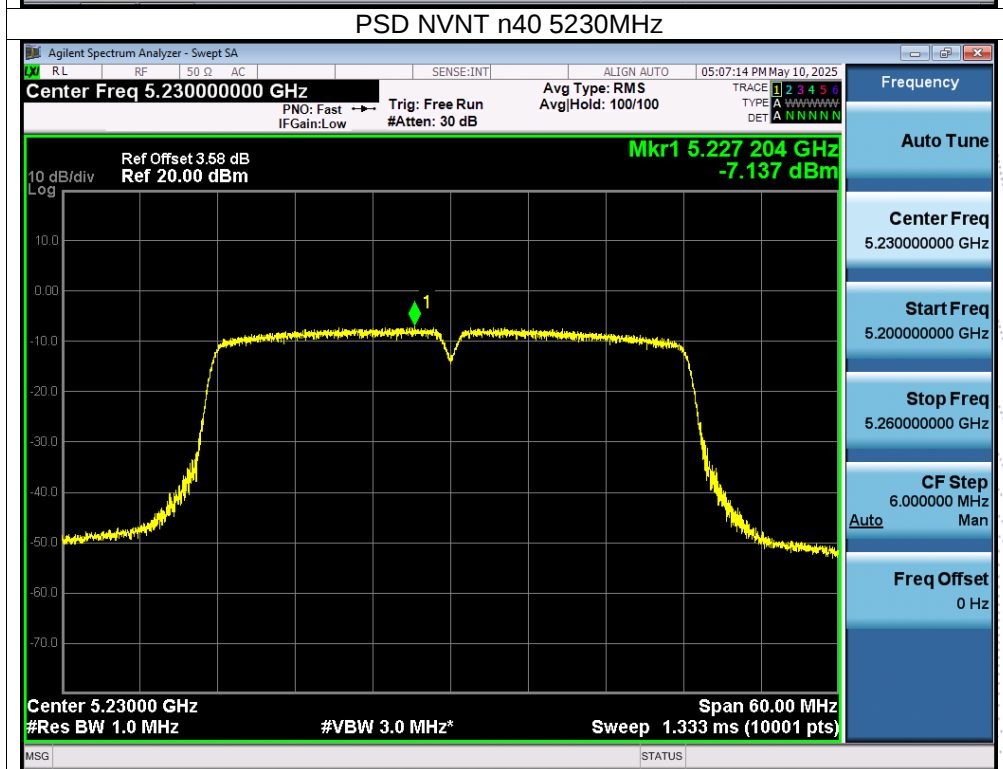
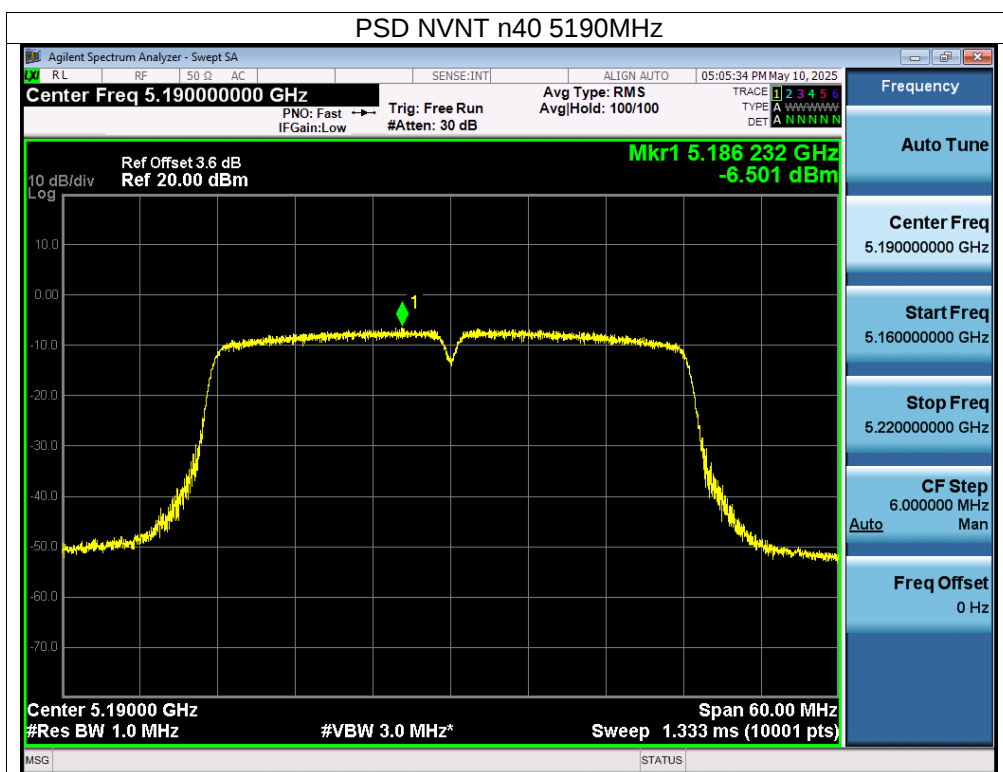
The worst case is Antenna 3, Antenna Gain=6.96 dBi

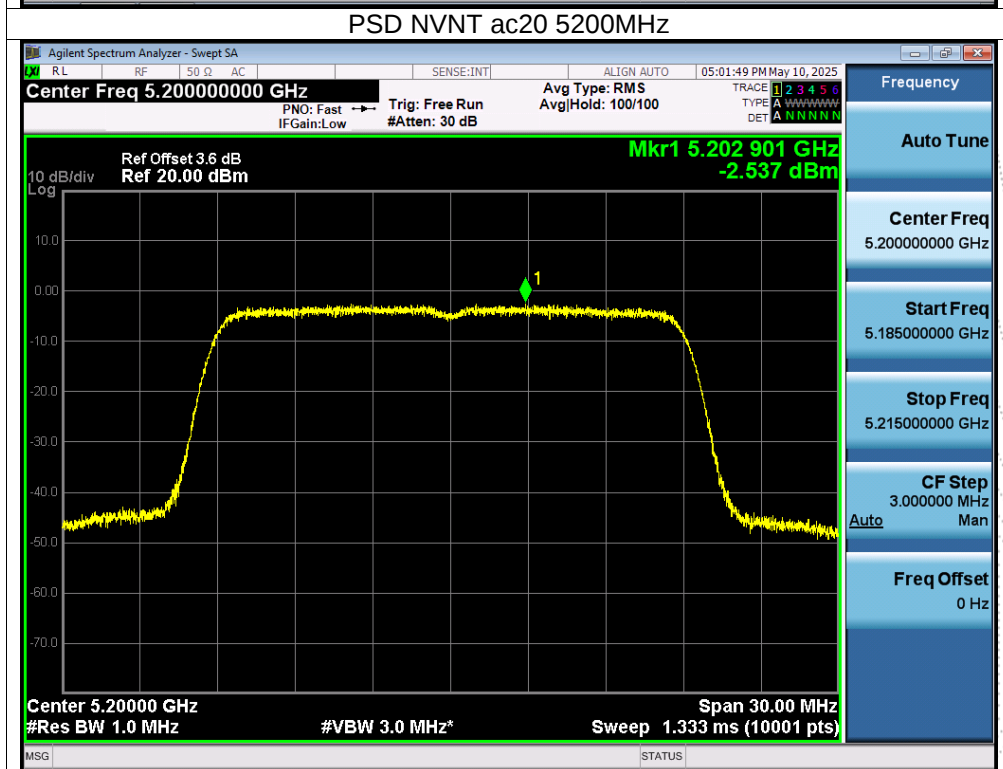
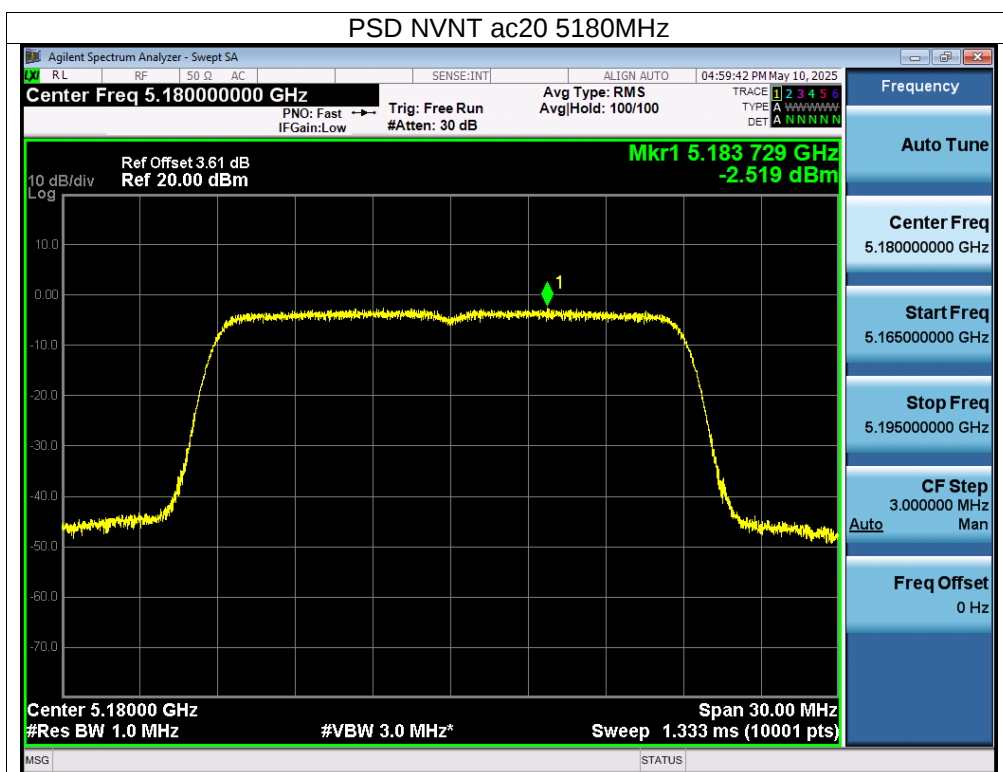
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

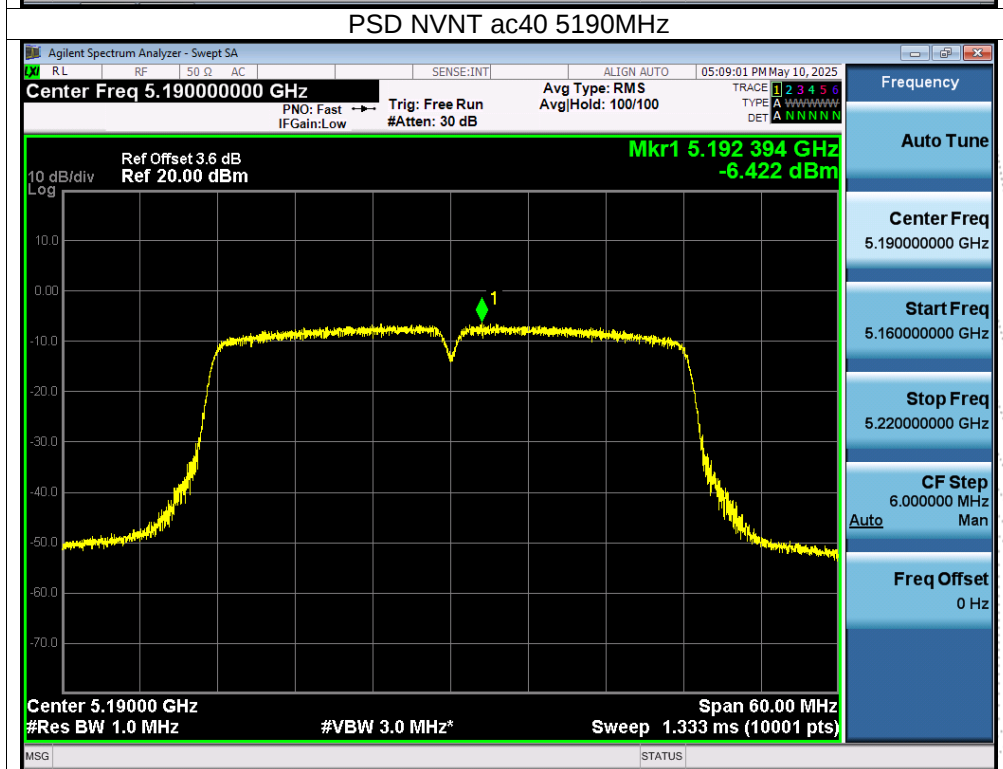
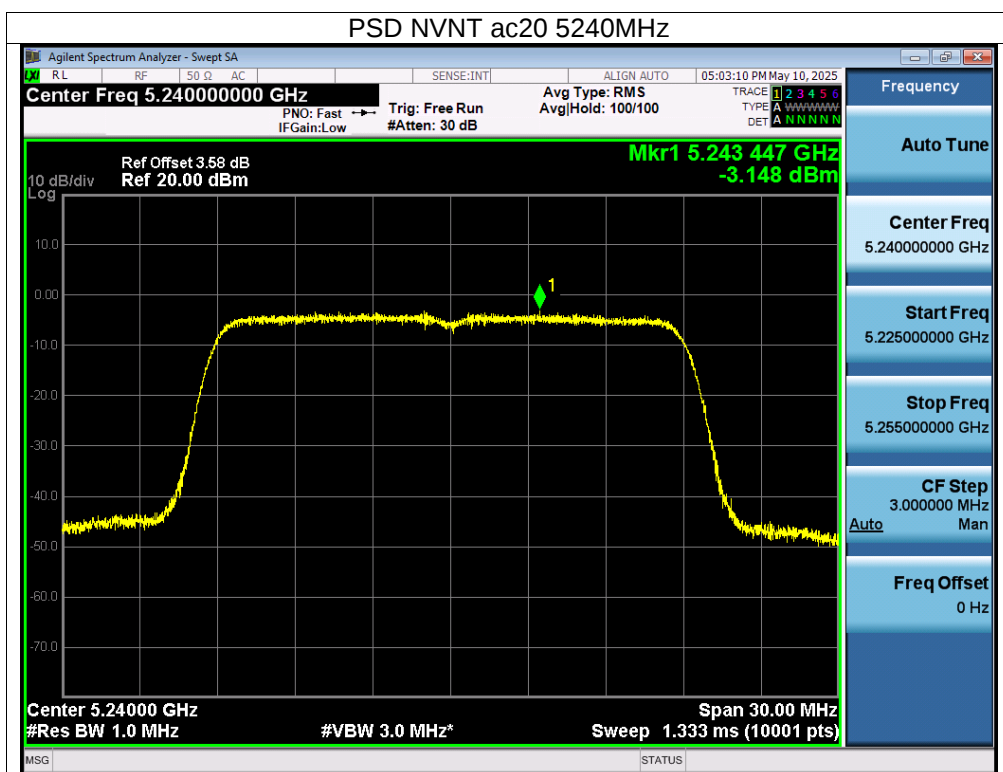


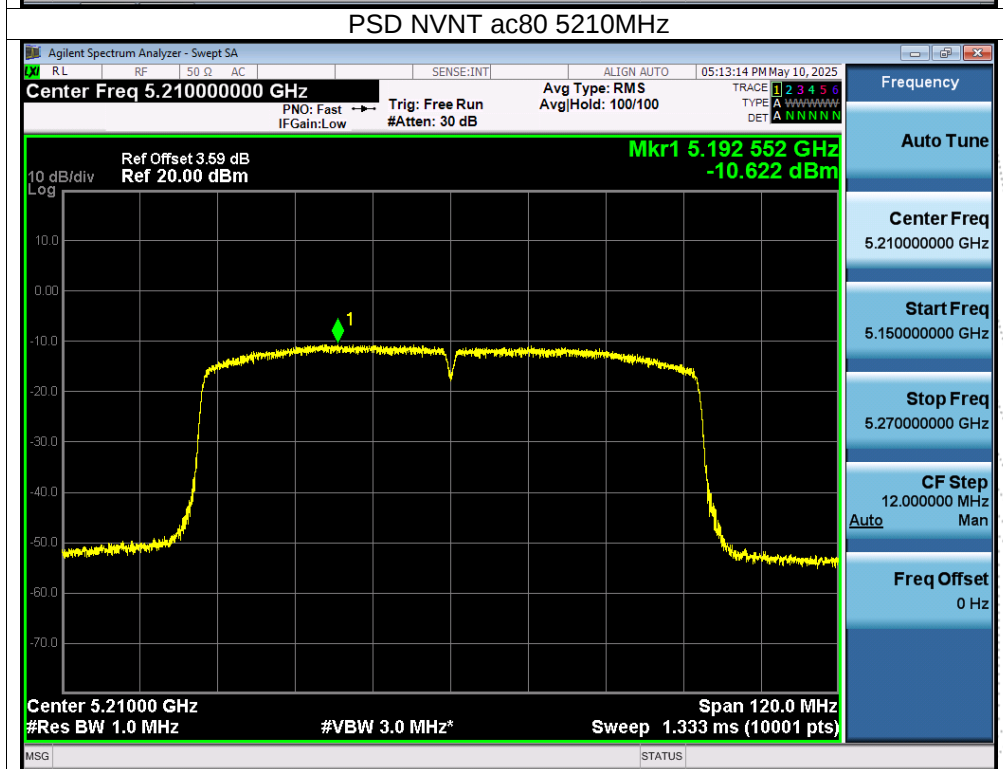
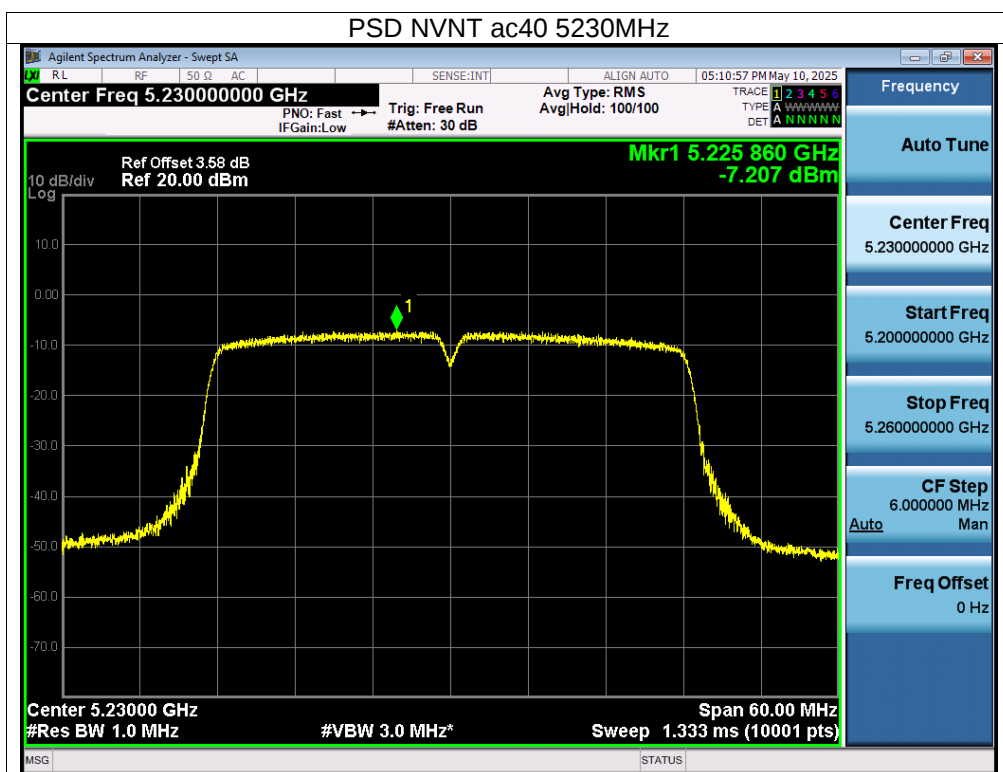












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-2A) 5260MHz-5320MHz		

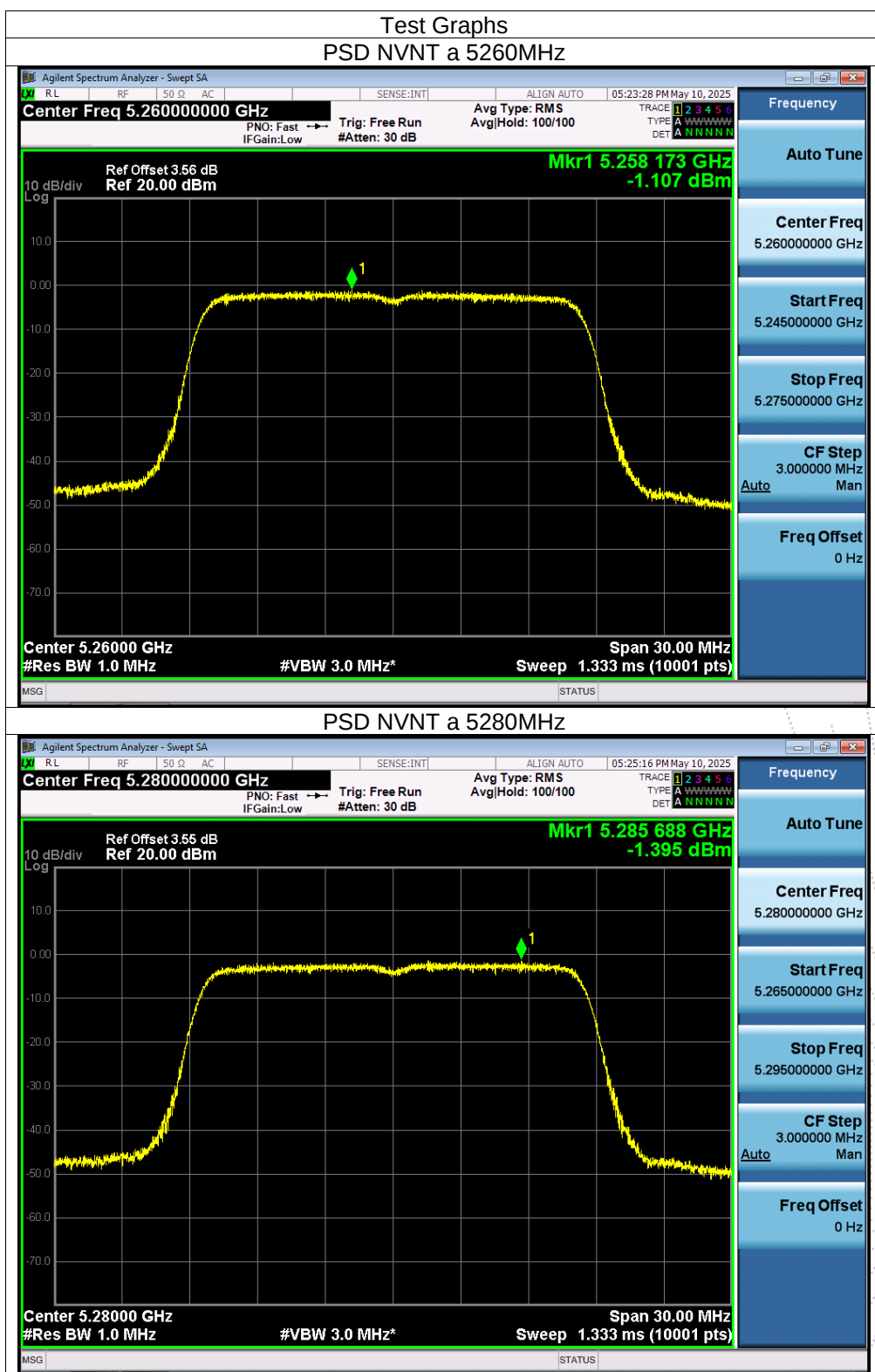
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5260	-2.92	-1.11	/	11	Pass
NVNT	a	5280	-3.54	-1.4	/	11	Pass
NVNT	a	5320	-3.49	-0.47	/	11	Pass
NVNT	n20	5260	-4.26	-3.39	-0.79	7.03	Pass
NVNT	n20	5280	-4.62	-3.16	-0.82	7.03	Pass
NVNT	n20	5320	-4.25	-1.35	0.45	7.03	Pass
NVNT	n40	5270	-8.96	-6.83	-4.76	7.03	Pass
NVNT	n40	5310	-9.01	-6.01	-4.25	7.03	Pass
NVNT	ac20	5260	-4.34	-3.29	-0.77	7.03	Pass
NVNT	ac20	5280	-4.94	-3.01	-0.86	7.03	Pass
NVNT	ac20	5320	-4.24	-1.25	0.52	7.03	Pass
NVNT	ac40	5270	-9.57	-6.8	-4.96	7.03	Pass
NVNT	ac40	5310	-8.96	-6.07	-4.27	7.03	Pass
NVNT	ac80	5290	-13.48	-9.89	-8.31	7.03	Pass

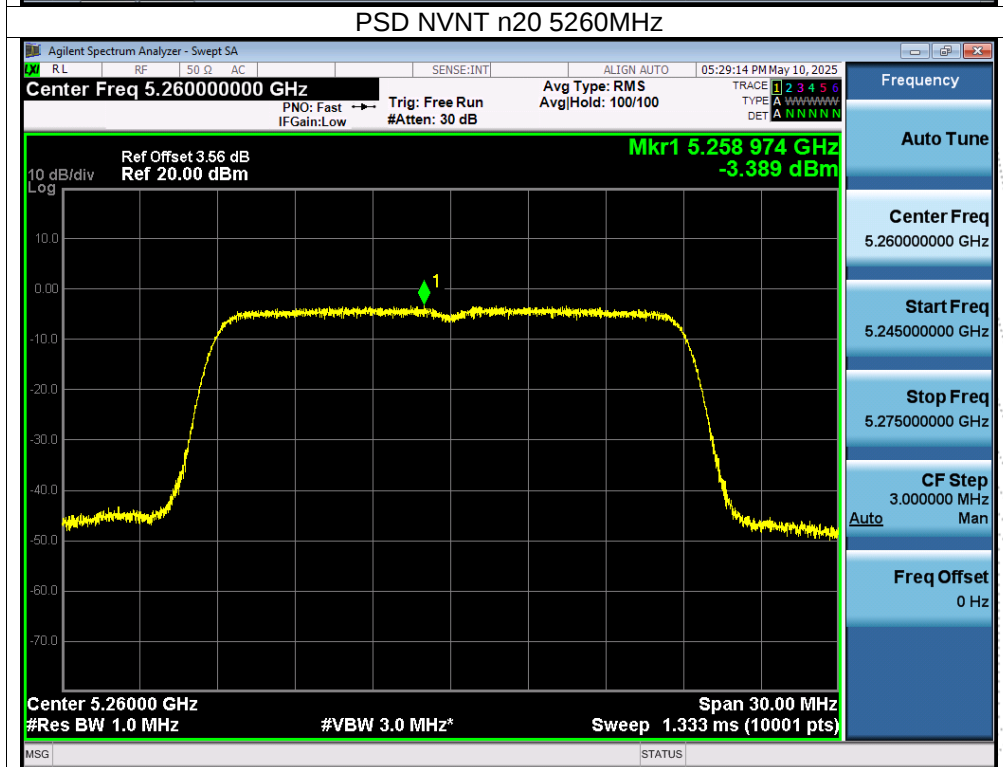
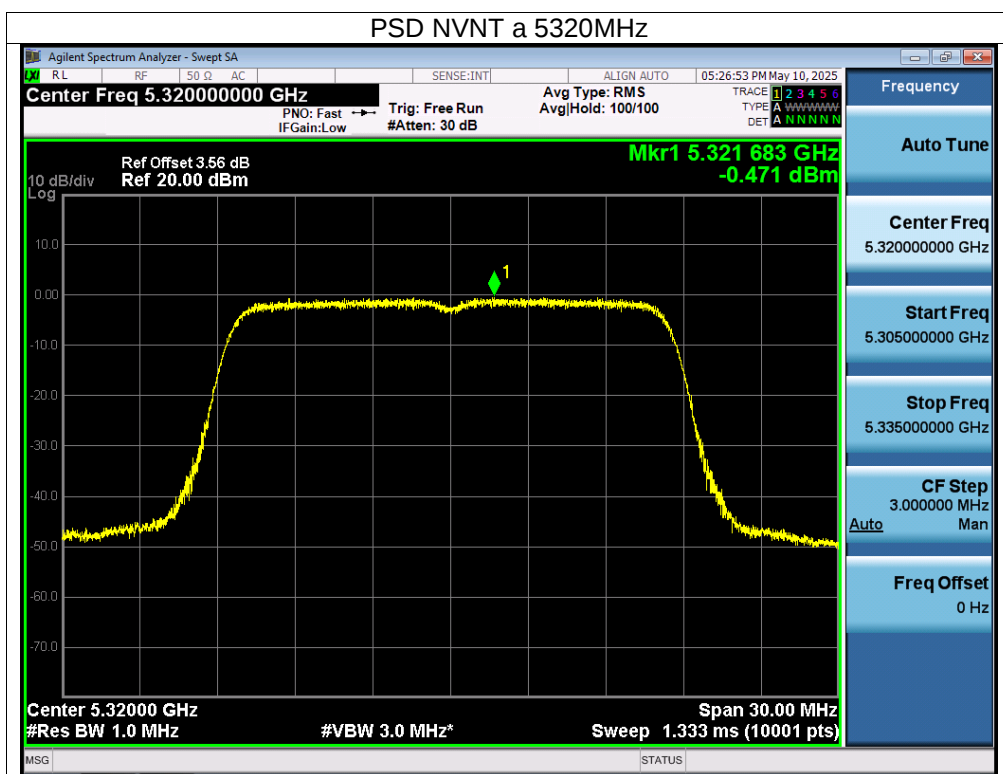
Note:

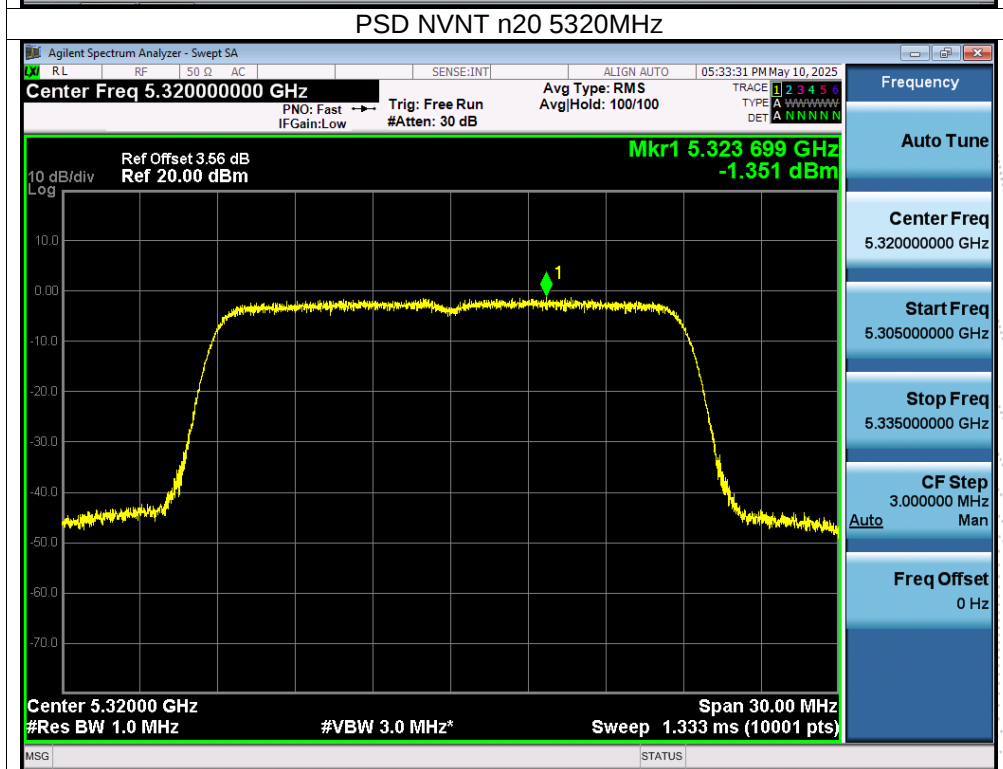
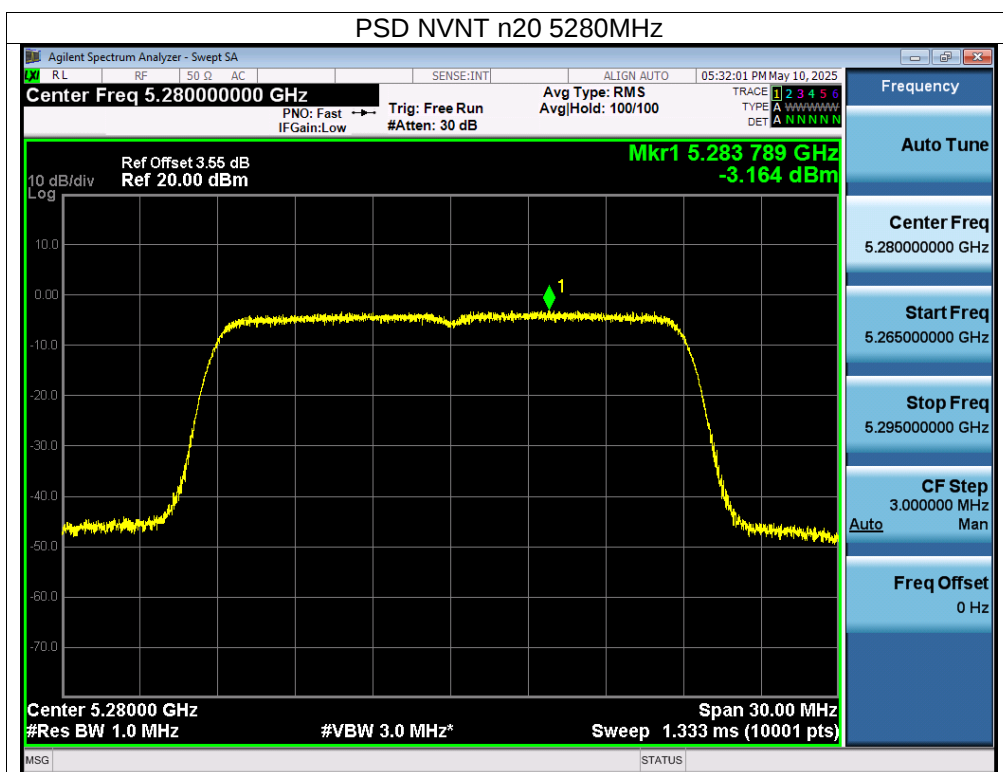
Antenna 1 gain: 3.07 dBi, Antenna 2 gain: 6.76dBi, Antenna 3 gain: 6.96 dBi, Antenna 4 gain: 2.55 dBi,
Directional gain=[GainANT + 10 log(NANT) dBi] =9.97 dBi>6dbi
Limit=11-(9.97-6)=7.03 dbi

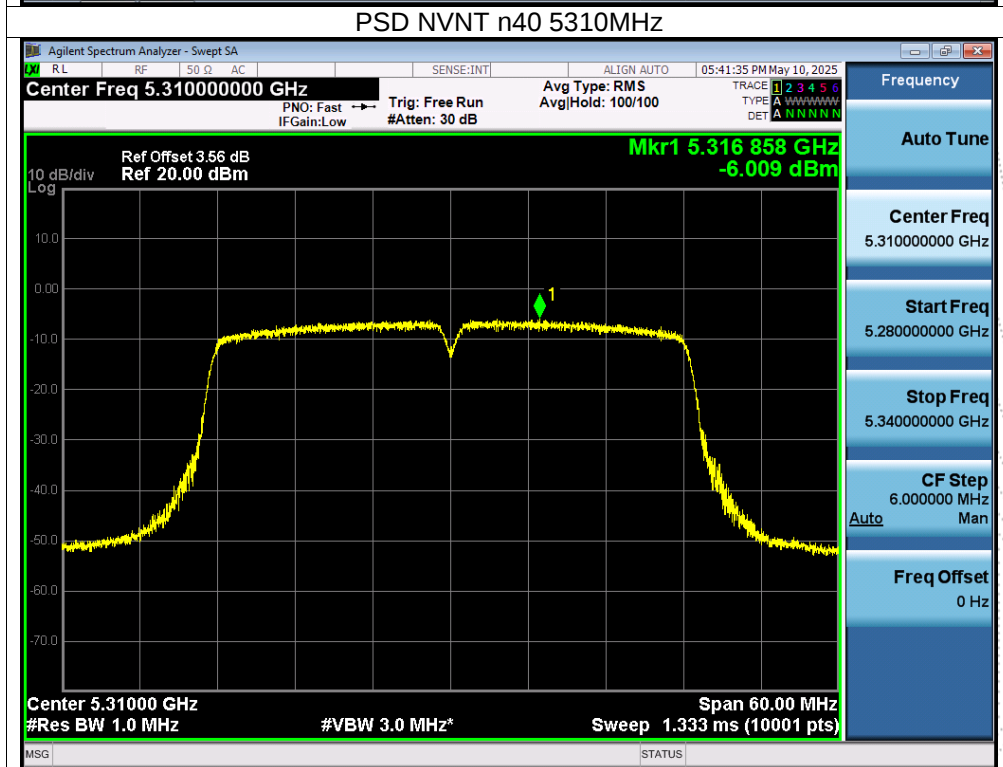
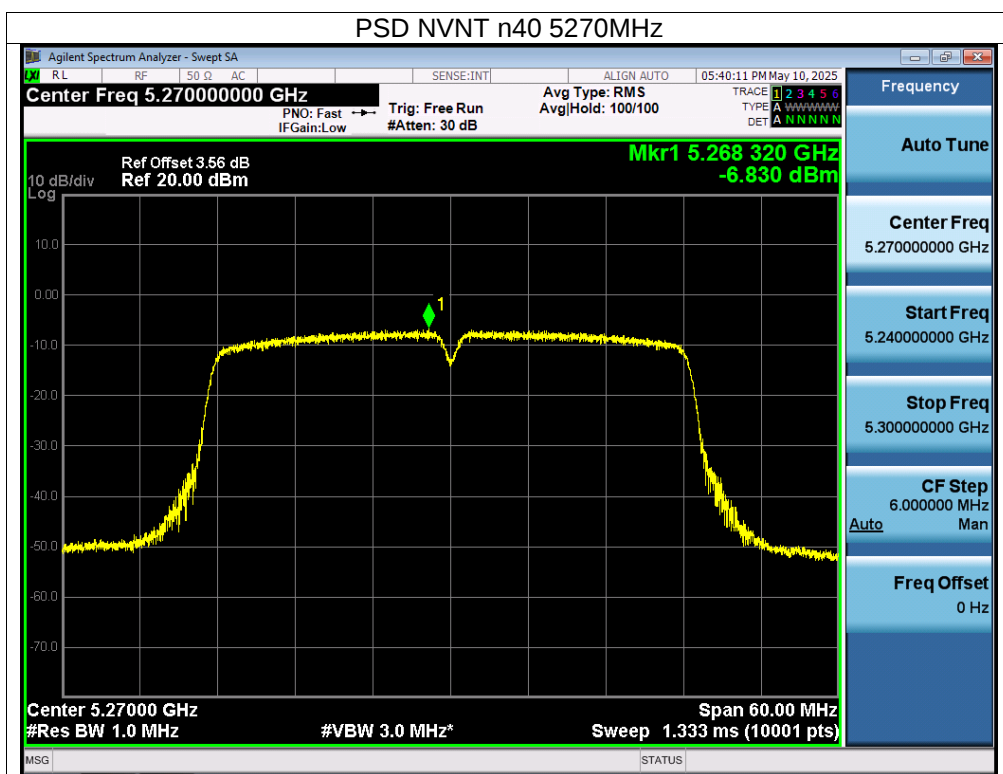
The worst case is Antenna 3, Antenna Gain=6.96 dBi

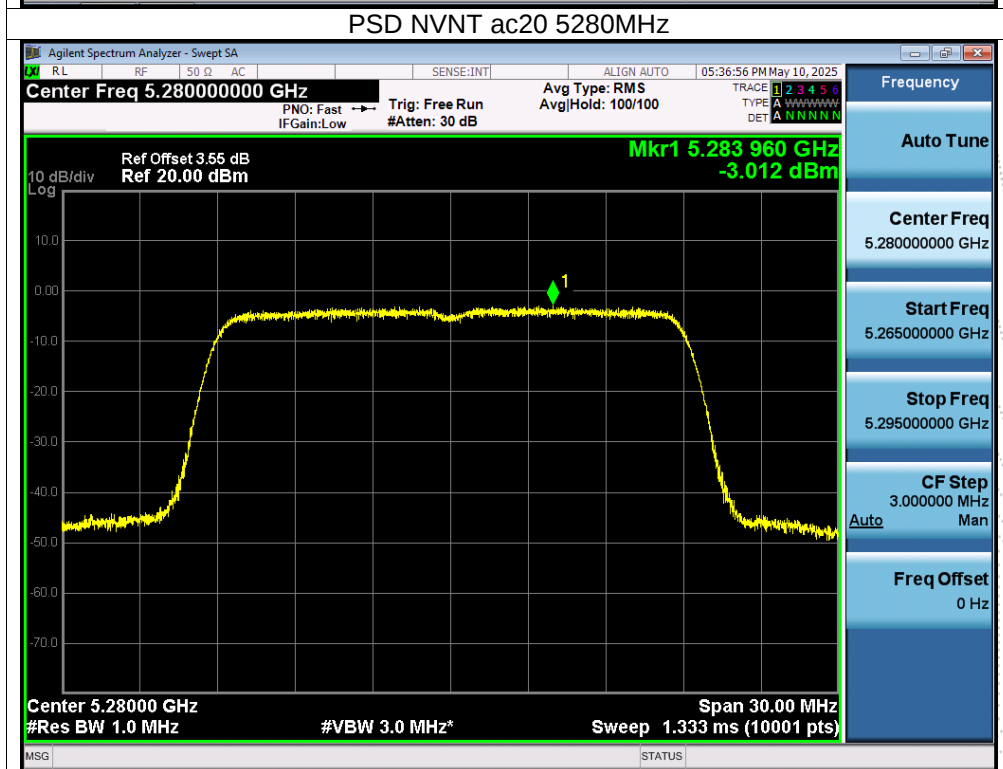
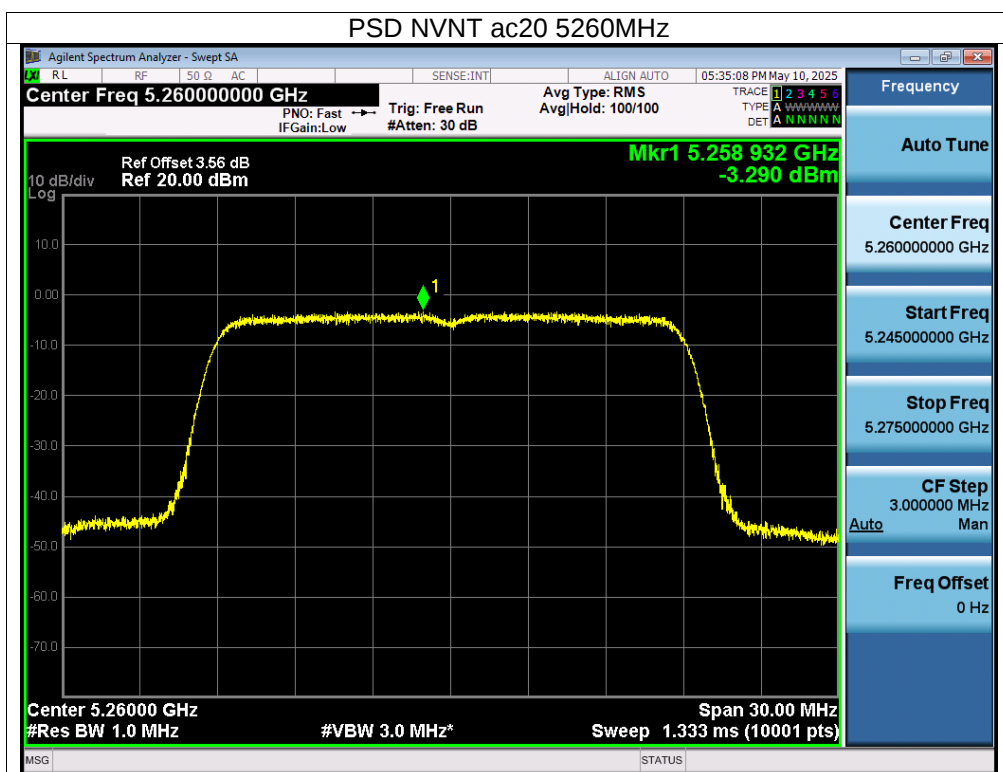
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

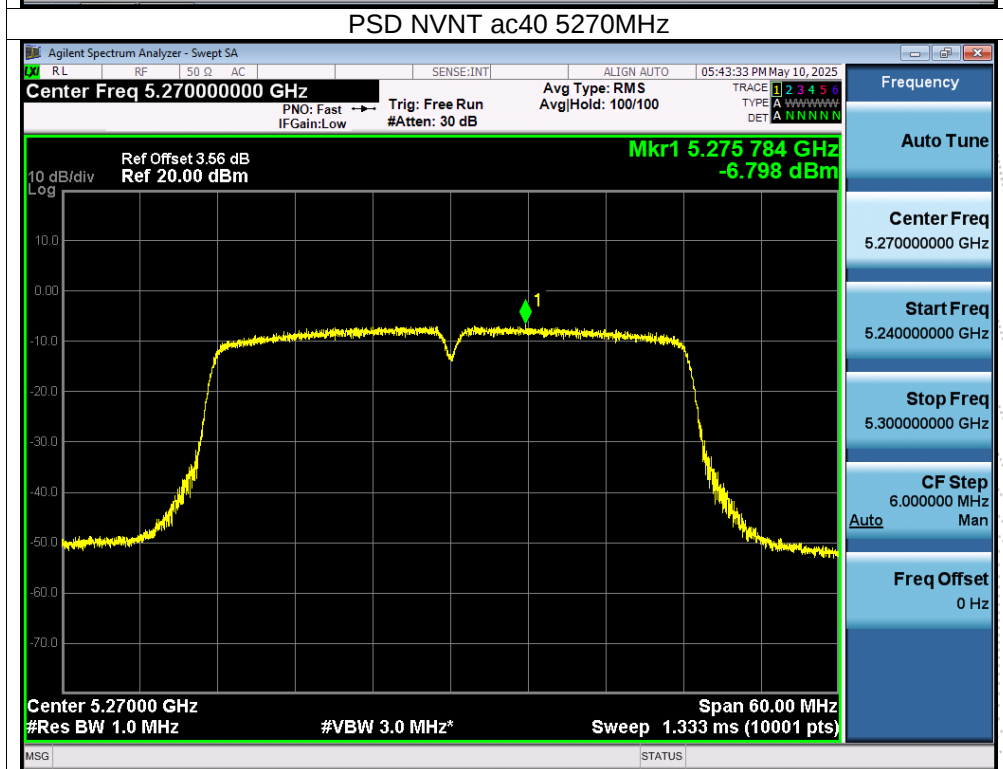
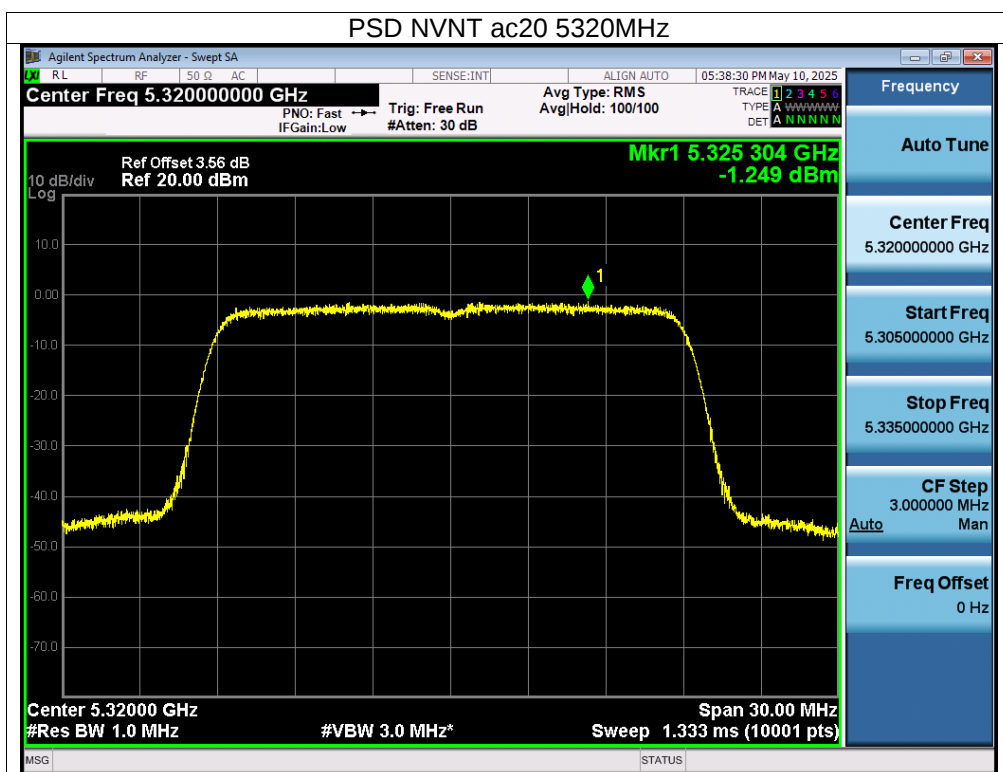


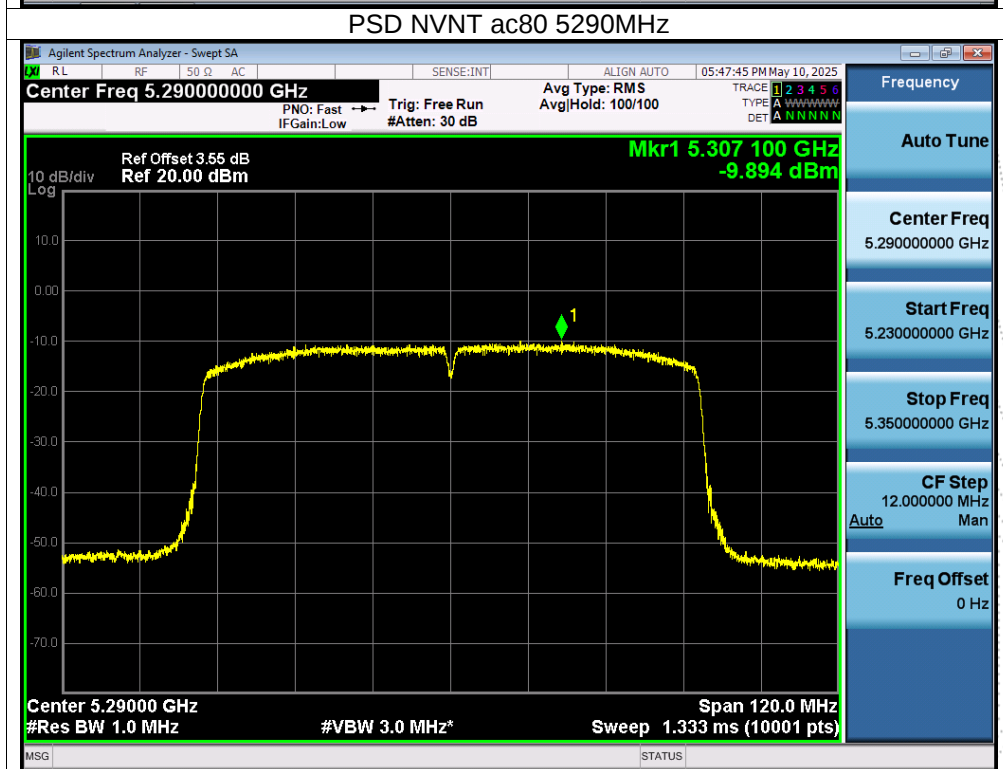
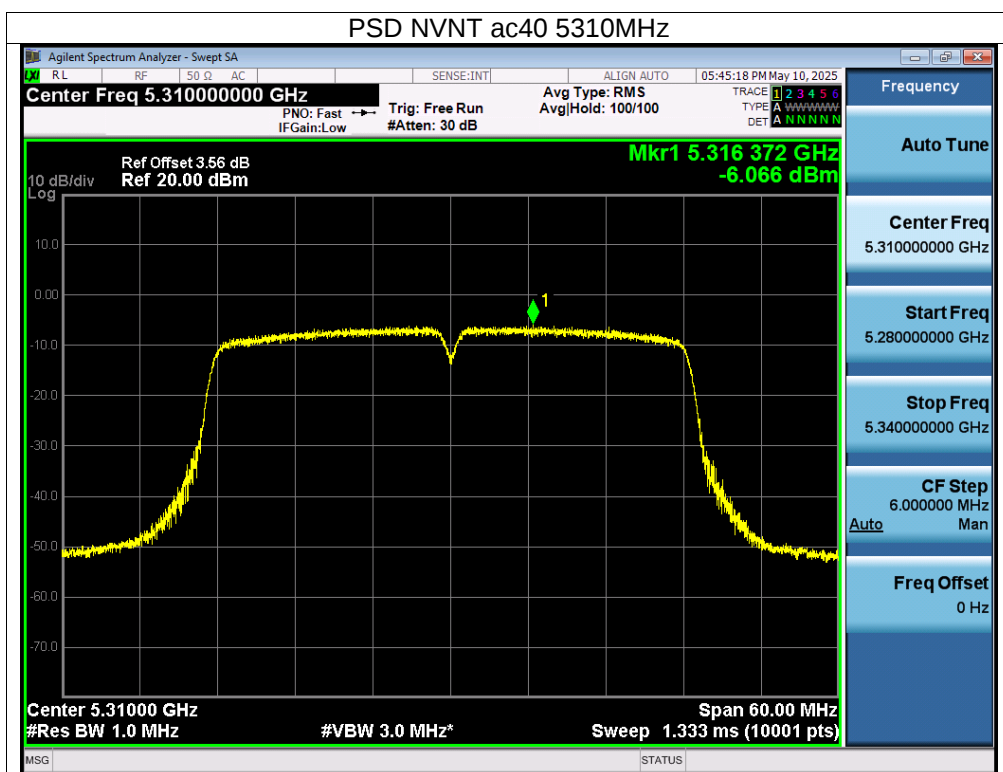












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-2C) 5500MHz-5700MHz		

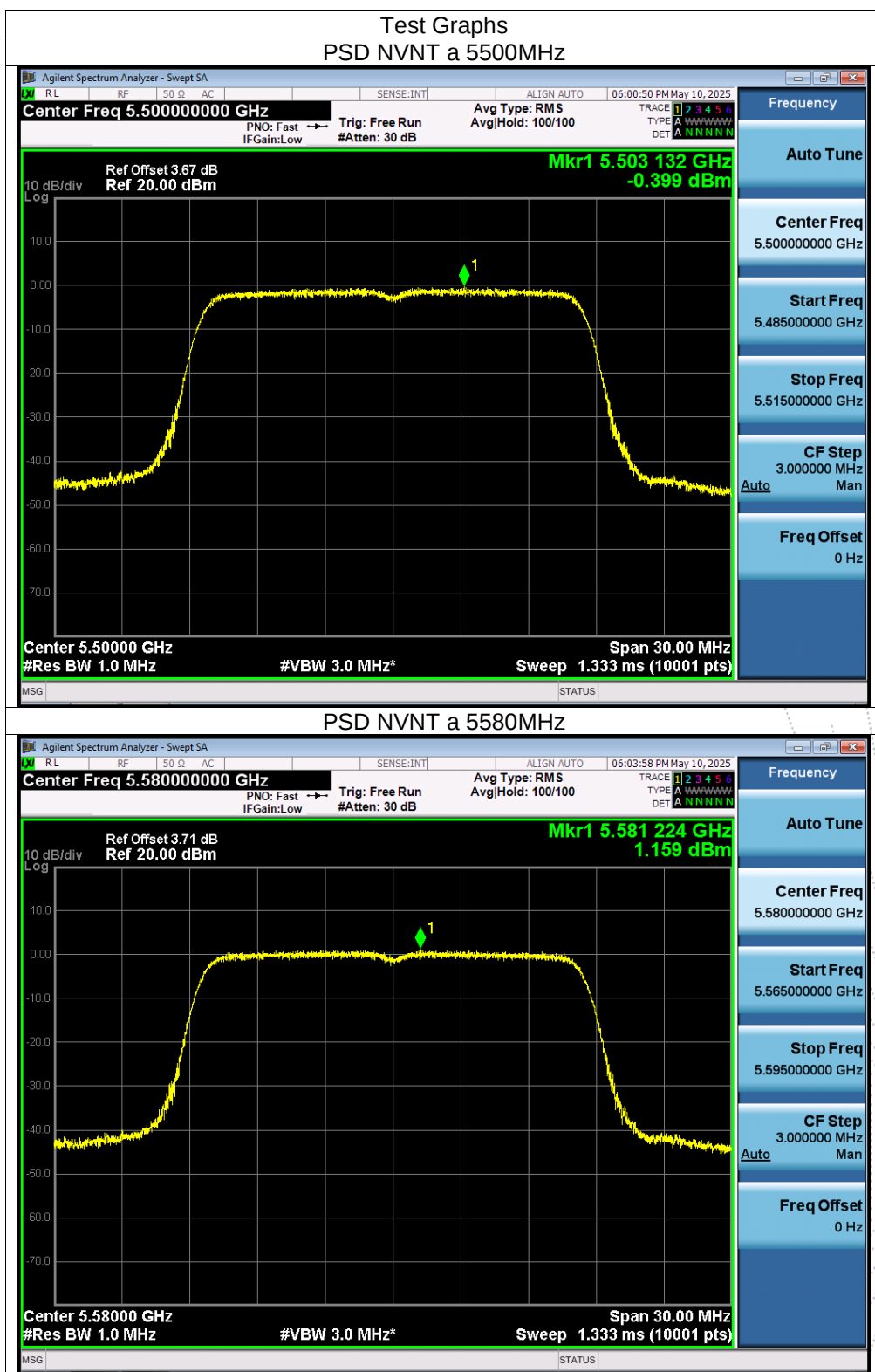
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5500	-2.75	-0.4	/	11	Pass
NVNT	a	5580	-3.26	1.16	/	11	Pass
NVNT	a	5700	-2.26	1.89	/	11	Pass
NVNT	n20	5500	-4.69	-1.43	0.25	7.03	Pass
NVNT	n20	5580	-4.76	-0.34	1.00	7.03	Pass
NVNT	n20	5700	-3.69	0.28	1.74	7.03	Pass
NVNT	n40	5510	-8.44	-5.61	-3.79	7.03	Pass
NVNT	n40	5550	-7.64	-4.65	-2.88	7.03	Pass
NVNT	n40	5670	-7.73	-3.39	-2.03	7.03	Pass
NVNT	ac20	5500	-3.9	-2.05	0.13	7.03	Pass
NVNT	ac20	5580	-4.59	-0.51	0.92	7.03	Pass
NVNT	ac20	5700	-4.12	0.17	1.54	7.03	Pass
NVNT	ac40	5510	-8.16	-6.15	-4.03	7.03	Pass
NVNT	ac40	5550	-7.52	-4.94	-3.03	7.03	Pass
NVNT	ac40	5670	-8	-2.95	-1.77	7.03	Pass
NVNT	ac80	5530	-11.76	-8.87	-7.07	7.03	Pass

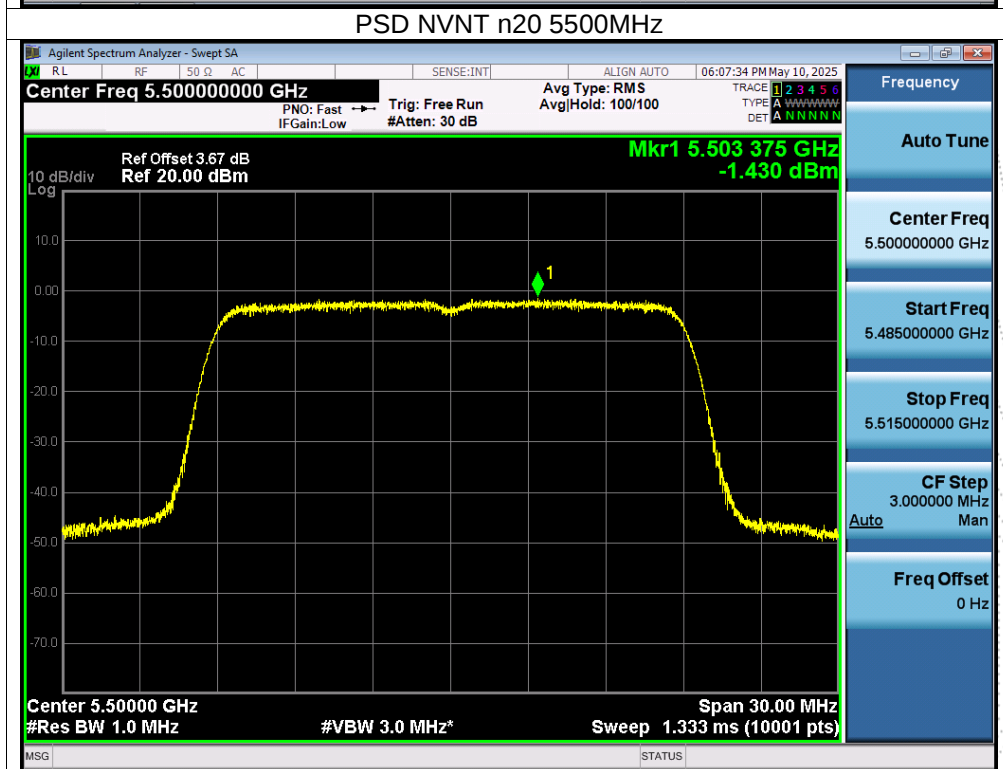
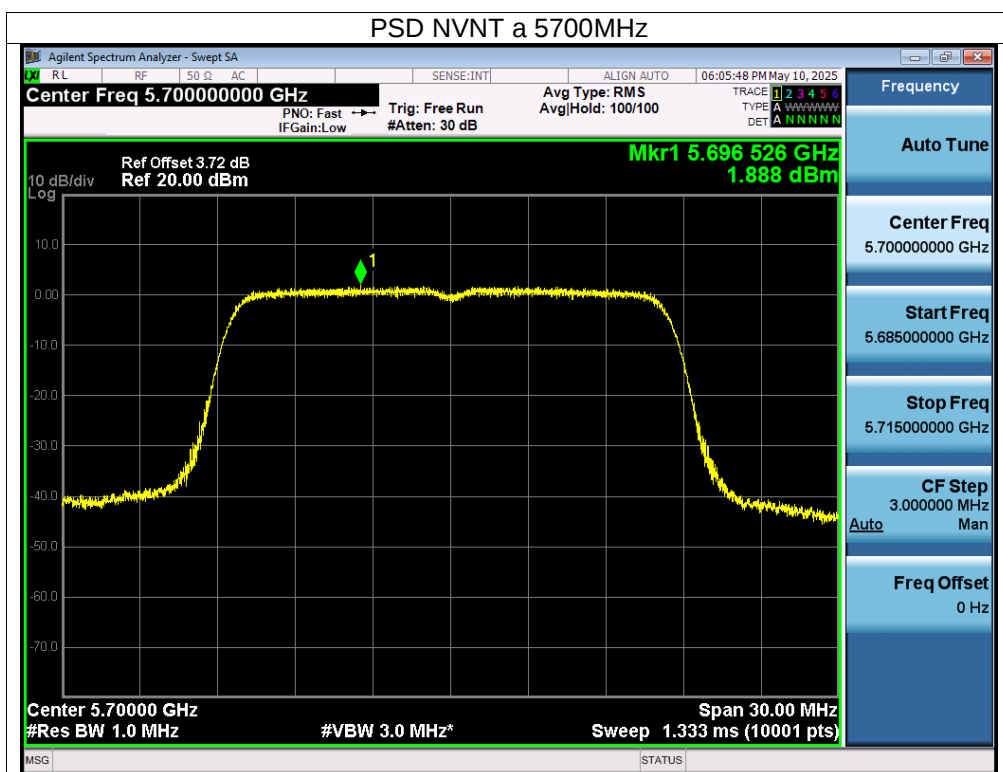
Note:

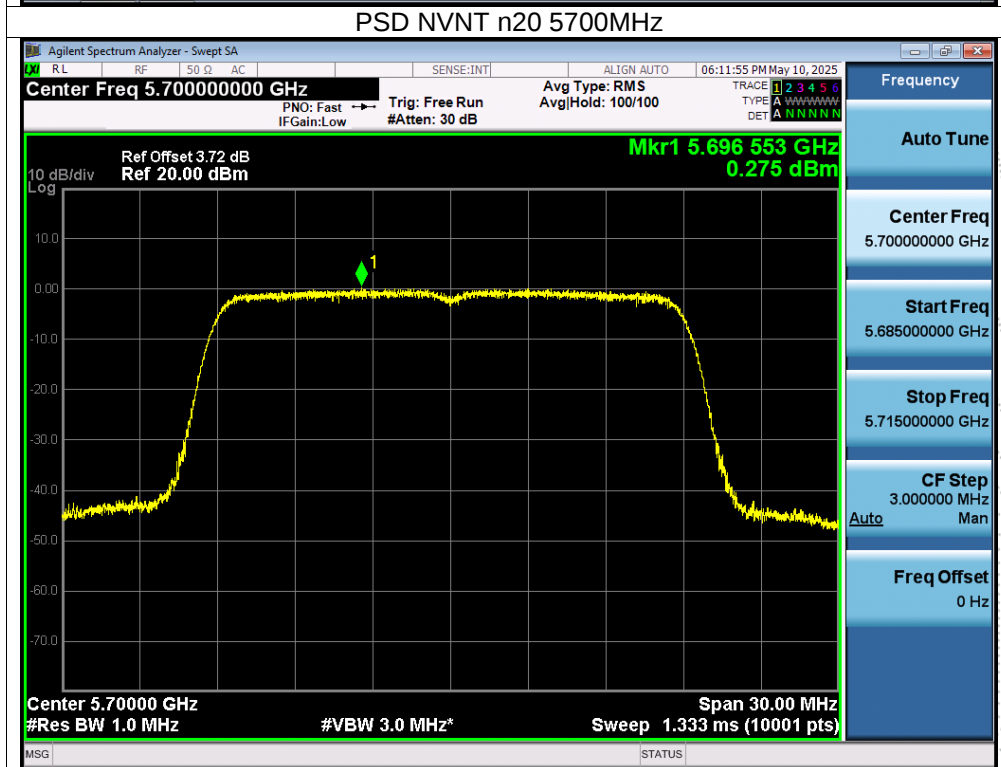
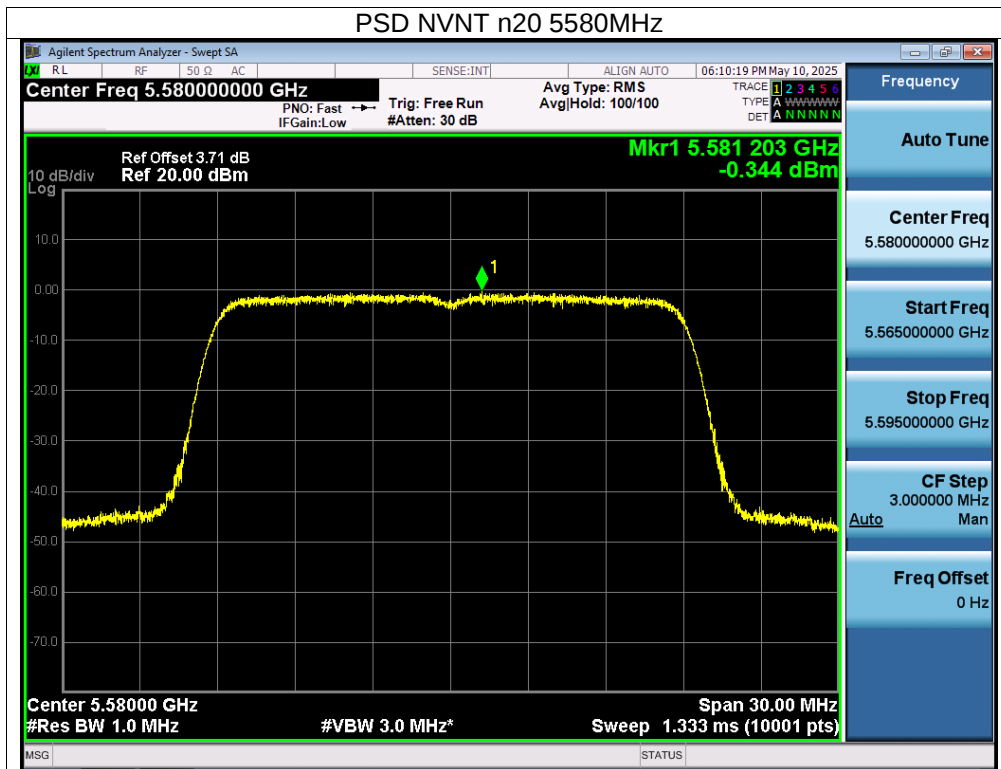
Antenna 1 gain: 3.07 dBi, Antenna 2 gain: 6.76dBi, Antenna 3 gain: 6.96 dBi, Antenna 4 gain: 2.55 dBi,
Directional gain=[GainANT + 10 log(NANT) dBi] =9.97 dBi>6dbi
Limit=11-(9.97-6)=7.03 dbi

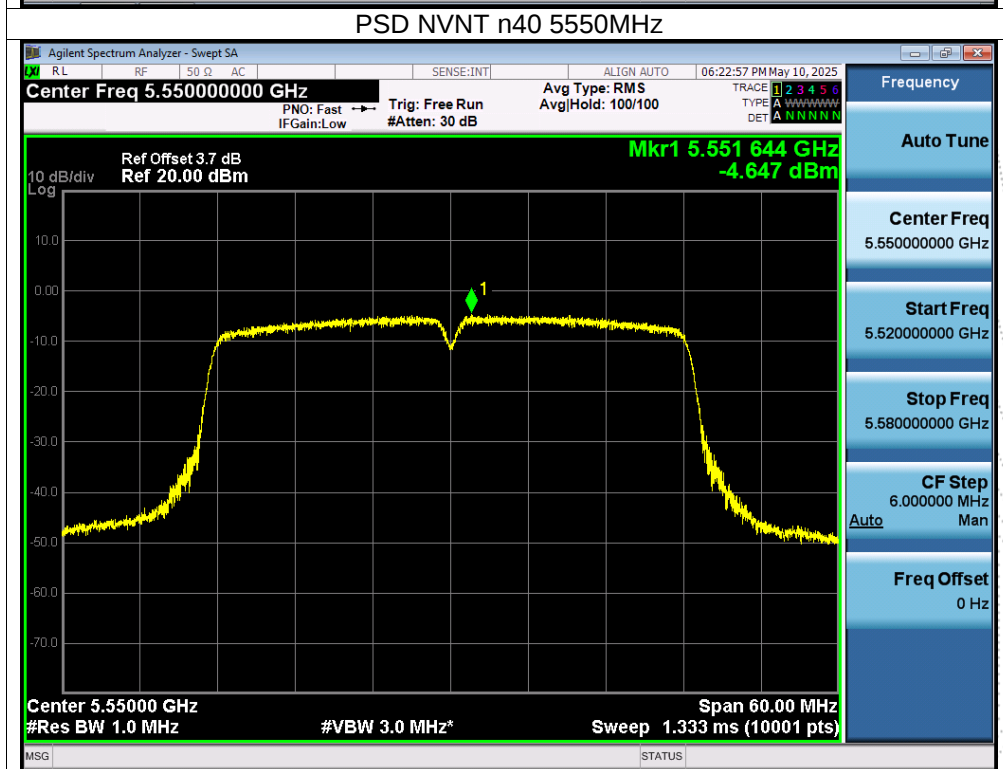
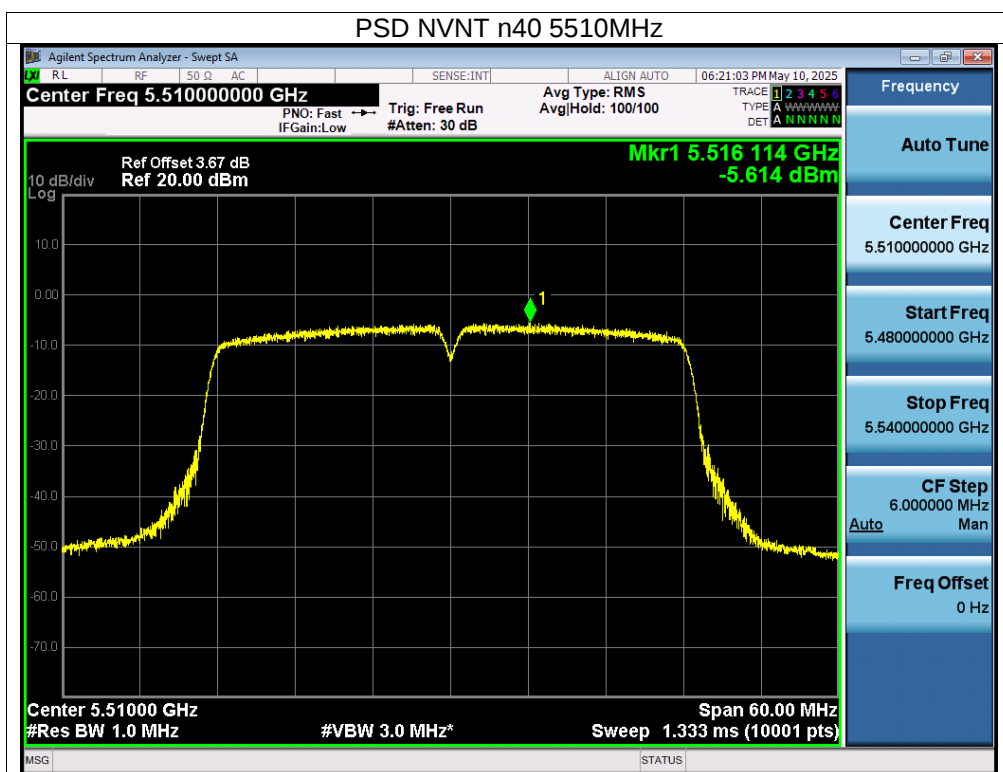
The worst case is Antenna 3, Antenna Gain=6.96 dBi

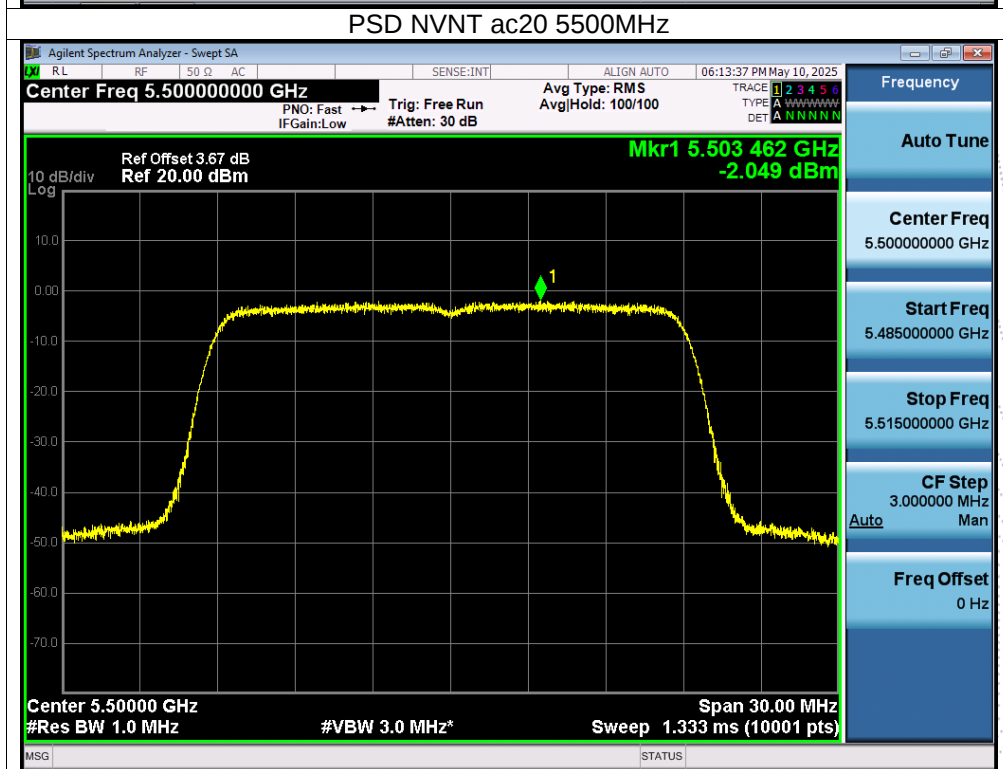
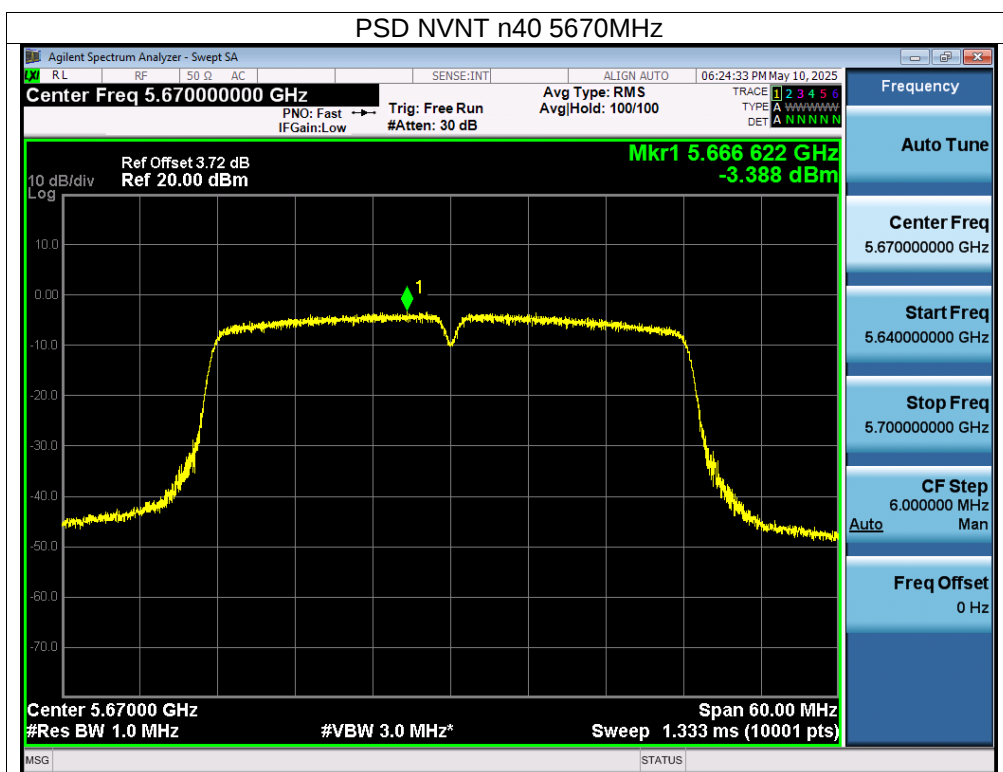
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

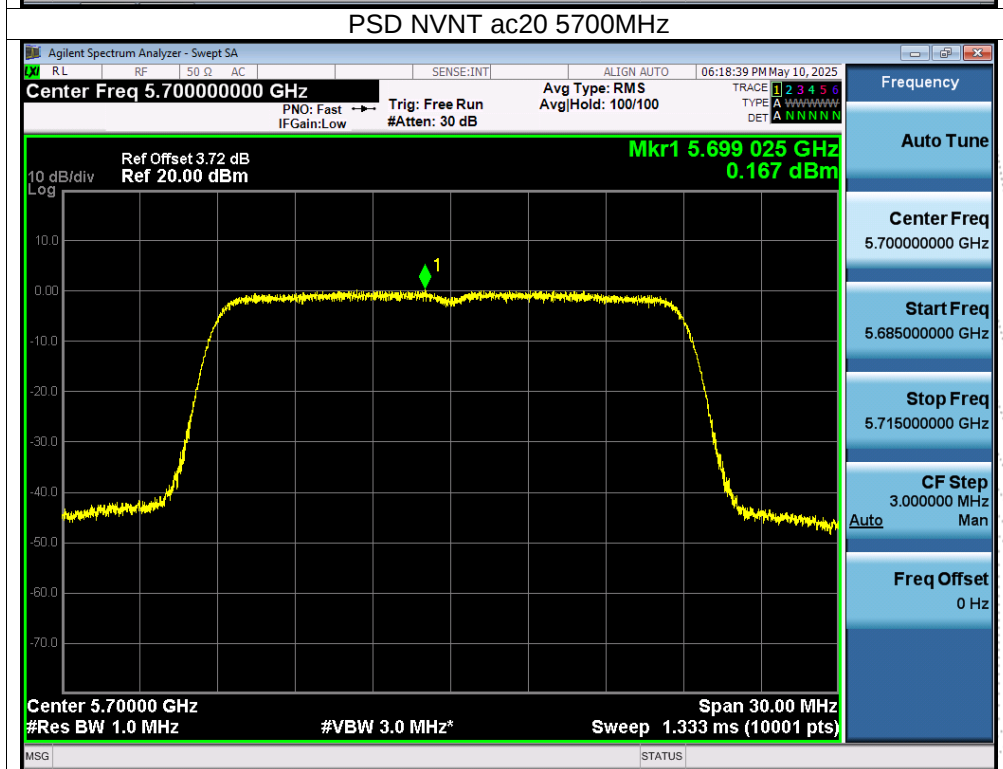
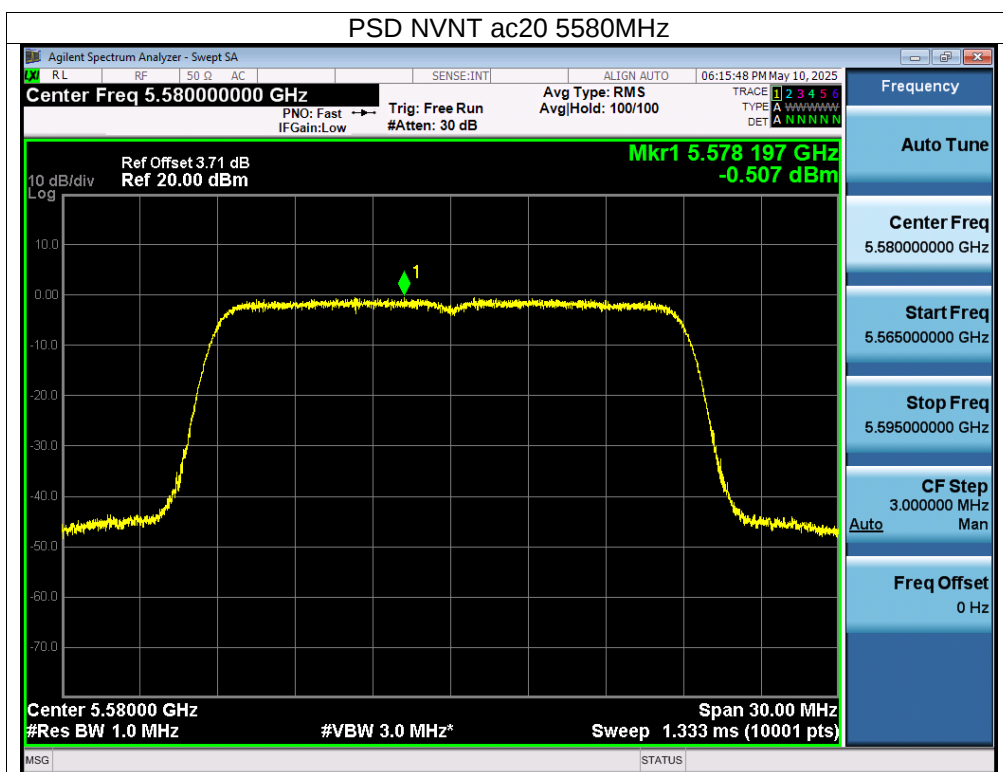


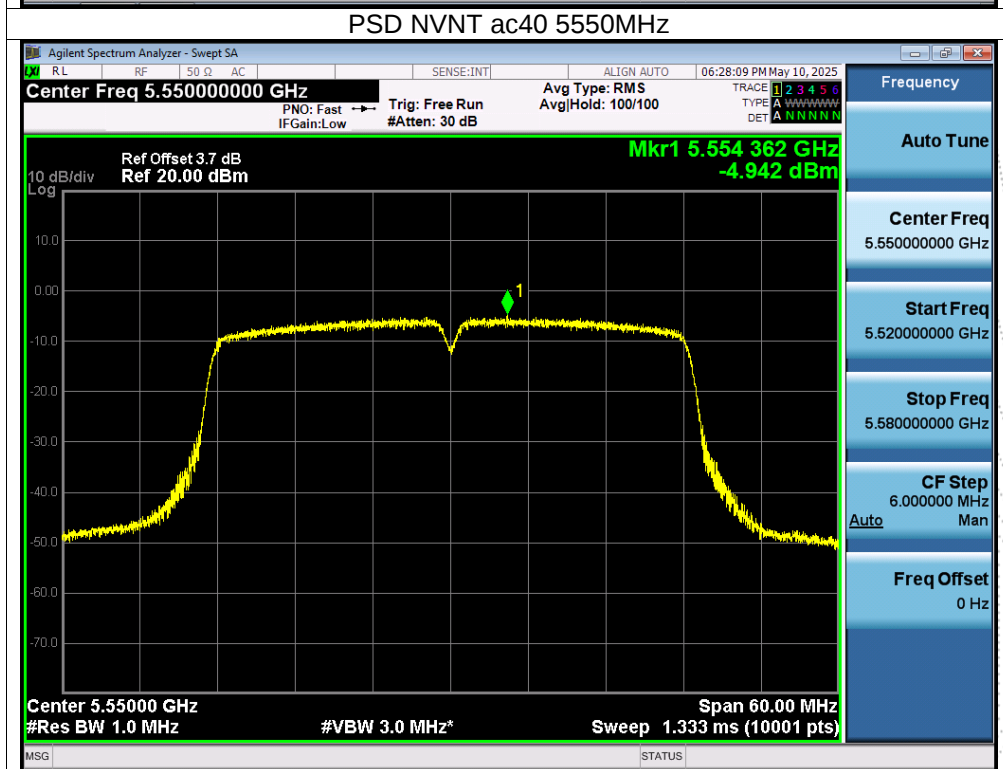
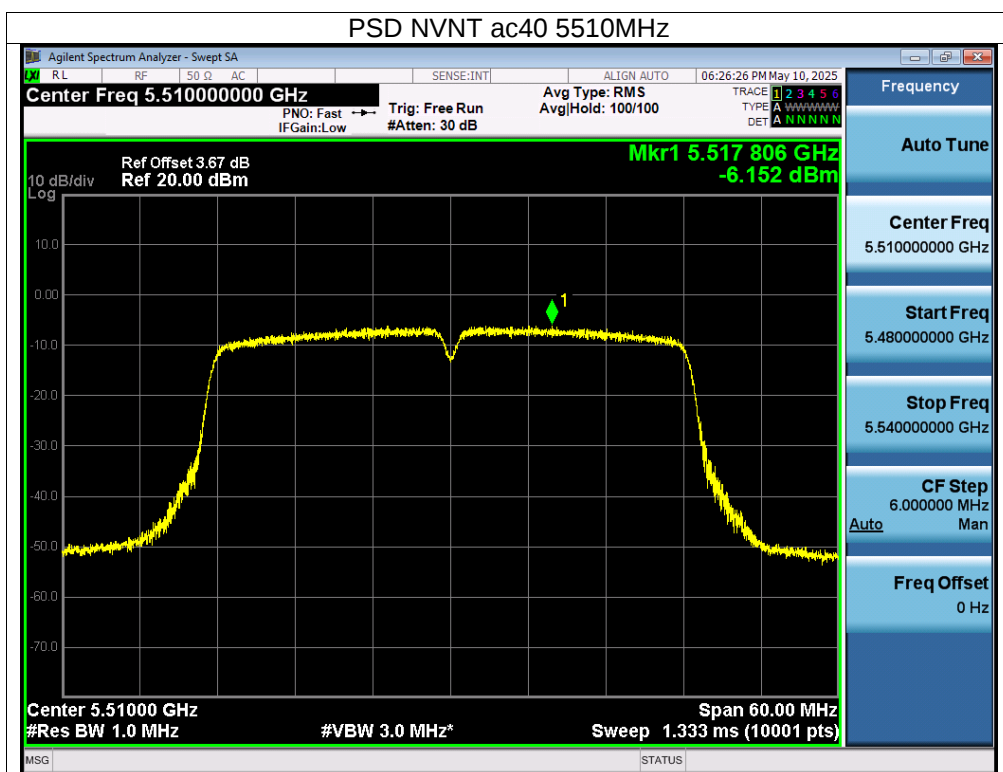


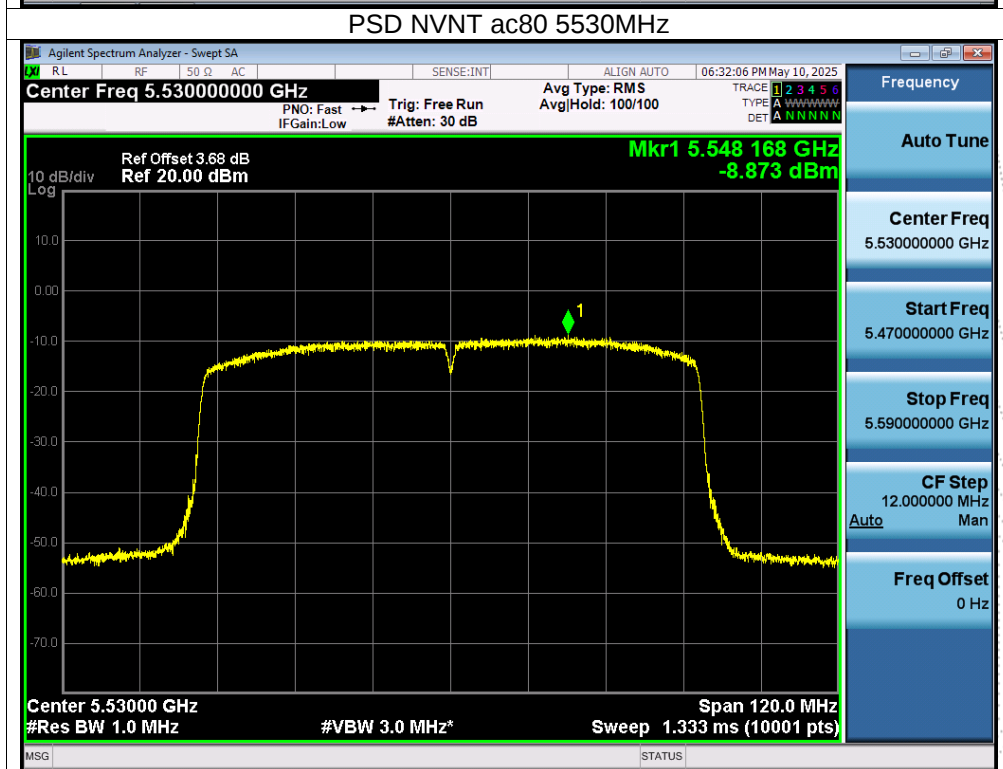
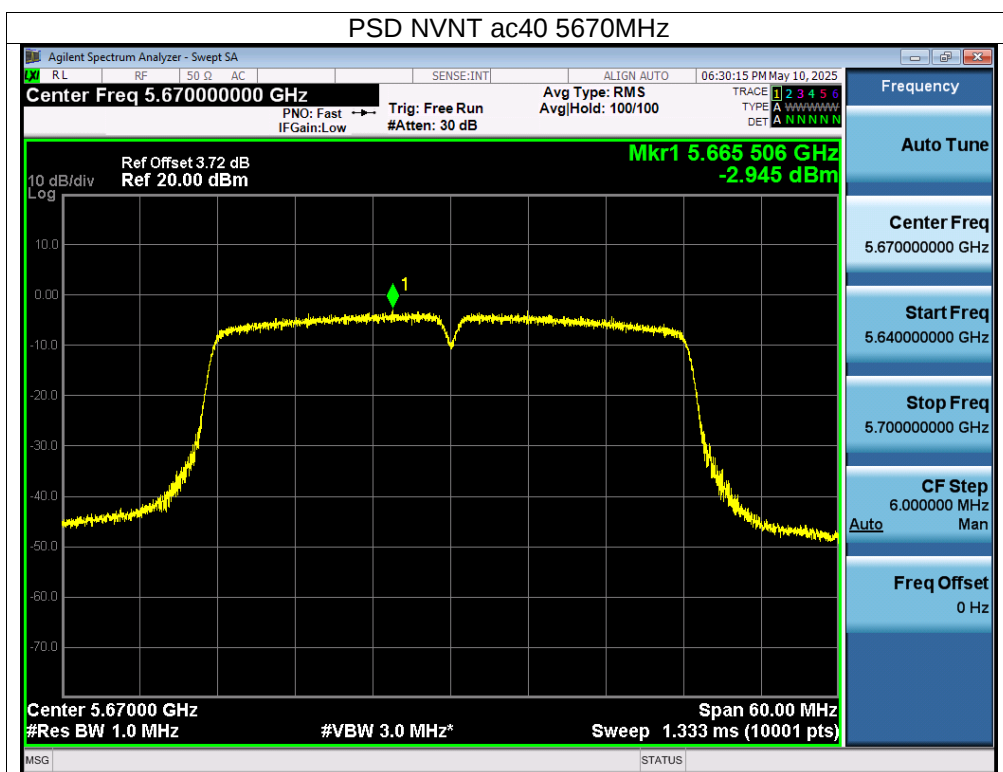












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-3) 5745MHz-5825MHz		

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/510KHz)		Conducted PSD (dBm/500KHz)				Verdict
			ANT A	ANT B	ANT A	ANT B	Total	Limit	
NVNT	a	5745	-7.83	-4.03	-7.92	-4.12	/	30	Pass
NVNT	a	5785	-8.06	-4.84	-8.15	-4.93	/	30	Pass
NVNT	a	5825	-8.43	-5.14	-8.52	-5.23	/	30	Pass
NVNT	n20	5745	-9.1	-5.25	-9.19	-5.34	-3.84	26.03	Pass
NVNT	n20	5785	-9.77	-6.29	-9.86	-6.38	-4.77	26.03	Pass
NVNT	n20	5825	-9.51	-6.2	-9.60	-6.29	-4.63	26.03	Pass
NVNT	n40	5755	-13.27	-9.61	-13.36	-9.70	-8.15	26.03	Pass
NVNT	n40	5795	-13.97	-10.3	-14.06	-10.39	-8.84	26.03	Pass
NVNT	ac20	5745	-9.11	-5.62	-9.20	-5.71	-4.10	26.03	Pass
NVNT	ac20	5785	-9.82	-6.28	-9.91	-6.37	-4.78	26.03	Pass
NVNT	ac20	5825	-9.8	-6.65	-9.89	-6.74	-5.03	26.03	Pass
NVNT	ac40	5755	-13.69	-9.76	-13.78	-9.85	-8.37	26.03	Pass
NVNT	ac40	5795	-14.25	-10.32	-14.34	-10.41	-8.93	26.03	Pass
NVNT	ac80	5775	-16.7	-14.07	-16.79	-14.16	-12.27	26.03	Pass
Note: Correction Factor = $10\log(500\text{KHz}/\text{RBW in measurement}) = -0.086$									

Note:

Antenna 1 gain: 3.07 dBi, Antenna 2 gain: 6.76dBi, Antenna 3 gain: 6.96 dBi, Antenna 4 gain: 2.55 dBi,
Directional gain=[GainANT + 10 log(NANT) dBi] =9.97 dbi>6dbi
Limit=30-(9.97-6)=26.03 dbi

The worst case is Antenna 3, Antenna Gain=6.96 dBi.

Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

