



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
High Channel:5240MHz							
V	10480	44.53	2.02	46.55	68.2	-21.65	PK
V	10480	39.75	2.02	41.77	54	-12.23	AV
V	15720	44.61	7.46	52.07	74	-21.93	PK
V	15720	33.57	7.46	41.03	54	-12.97	AV
V	20960	51.44	-5.56	45.88	68.2	-22.32	PK
V	20960	47.3	-5.56	41.74	54	-12.26	AV
V	26200	52.07	-2.5	49.57	68.2	-18.63	PK
V	26200	45.77	-2.5	43.27	54	-10.73	AV
V	31440	46.95	1.39	48.34	68.2	-19.86	PK
V	31440	42.23	1.39	43.62	54	-10.38	AV
V	36680	44.36	5.25	49.61	68.2	-18.59	PK
V	36680	39.29	5.25	44.54	54	-9.46	AV
H	10480	44.23	2.02	46.25	68.2	-21.95	PK
H	10480	39.19	2.02	41.21	54	-12.79	AV
H	15720	43.81	7.46	51.27	74	-22.73	PK
H	15720	34.3	7.46	41.76	54	-12.24	AV
H	20960	54.34	-5.56	48.78	68.2	-19.42	PK
H	20960	49.65	-5.56	44.09	54	-9.91	AV
H	26200	52.82	-2.5	50.32	68.2	-17.88	PK
H	26200	46.26	-2.5	43.76	54	-10.24	AV
H	31440	47.57	1.39	48.96	68.2	-19.24	PK
H	31440	42.15	1.39	43.54	54	-10.46	AV
H	36680	44.82	5.15	49.97	68.2	-18.23	PK
H	36680	39.81	5.15	44.96	54	-9.04	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Temperature:	21.7°C	Relative Humidity:	63%RH
Pressure:	101.2kPa	Test Voltage :	DC 3.85V
Test Mode :	5.8G TX- 802.11a		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5745MHz							
V	11490	49.64	3.31	52.95	74	-21.05	PK
V	11490	38.82	3.31	42.13	54	-11.87	AV
V	17235	37.07	10.1	47.17	68.2	-21.03	PK
V	17235	32.1	10.1	42.2	54	-11.8	AV
V	22980	57.1	-4.61	52.49	74	-21.51	PK
V	22980	46.36	-4.61	41.75	54	-12.25	AV
V	28725	49.38	0.87	50.25	68.2	-17.95	PK
V	28725	43.51	0.87	44.38	54	-9.62	AV
V	34470	46.27	3.82	50.09	68.2	-18.11	PK
V	34470	41.19	3.82	45.01	54	-8.99	AV
H	11490	48.66	3.31	51.97	74	-22.03	PK
H	11490	37.91	3.31	41.22	54	-12.78	AV
H	17235	36.43	10.1	46.53	68.2	-21.67	PK
H	17235	31.77	10.1	41.87	54	-12.13	AV
H	22980	59.46	-4.61	54.85	74	-19.15	PK
H	22980	47.15	-4.61	42.54	54	-11.46	AV
H	28725	49.43	0.87	50.3	68.2	-17.9	PK
H	28725	43.83	0.87	44.7	54	-9.3	AV
H	34470	46.57	3.82	50.39	68.2	-17.81	PK
H	34470	41.92	3.82	45.74	54	-8.26	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5785MHz							
V	11570	50.03	3.34	53.37	74	-20.63	PK
V	11570	38.07	3.34	41.41	54	-12.59	AV
V	17355	35.44	10.52	45.96	68.2	-22.24	PK
V	17355	31.51	10.52	42.03	54	-11.97	AV
V	23140	56.74	-4.66	52.08	74	-21.92	PK
V	23140	45.57	-4.66	40.91	54	-13.09	AV
V	28925	46.21	1.36	47.57	68.2	-20.63	PK
V	28925	41.57	1.36	42.93	54	-11.07	AV
V	34710	46.08	3.95	50.03	68.2	-18.17	PK
V	34710	39.76	3.95	43.71	54	-10.29	AV
H	11570	48.78	3.34	52.12	74	-21.88	PK
H	11570	38.54	3.34	41.88	54	-12.12	AV
H	17355	35.49	10.52	46.01	68.2	-22.19	PK
H	17355	31.23	10.52	41.75	54	-12.25	AV
H	23140	61.2	-4.66	56.54	74	-17.46	PK
H	23140	48.65	-4.66	43.99	54	-10.01	AV
H	28925	48.07	1.36	49.43	68.2	-18.77	PK
H	28925	42.54	1.36	43.9	54	-10.1	AV
H	34710	47.58	3.95	51.53	68.2	-16.67	PK
H	34710	41.86	3.95	45.81	54	-8.19	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5825MHz							
V	11650	48.84	3.36	52.2	74	-21.8	PK
V	11650	37.75	3.36	41.11	54	-12.89	AV
V	17475	36.81	10.93	47.74	68.2	-20.46	PK
V	17475	31.4	10.93	42.33	54	-11.67	AV
V	23300	55.02	-4.77	50.25	68.2	-17.95	PK
V	23300	48.7	-4.77	43.93	54	-10.07	AV
V	29125	45.43	1.65	47.08	68.2	-21.12	PK
V	29125	40.37	1.65	42.02	54	-11.98	AV
V	34950	44.14	4.09	48.23	68.2	-19.97	PK
V	34950	40.1	4.09	44.19	54	-9.81	AV
H	11650	48.94	3.36	52.3	74	-21.7	PK
H	11650	37.88	3.36	41.24	54	-12.76	AV
H	17475	36.94	10.93	47.87	68.2	-20.33	PK
H	17475	31.94	10.93	42.87	54	-11.13	AV
H	23300	52.42	-4.77	47.65	68.2	-20.55	PK
H	23300	47.94	-4.77	43.17	54	-10.83	AV
H	29125	48.84	1.65	50.49	68.2	-17.71	PK
H	29125	42.72	1.65	44.37	54	-9.63	AV
H	34950	46.8	4.09	50.89	68.2	-17.31	PK
H	34950	41.88	4.09	45.97	54	-8.03	AV

Remark:

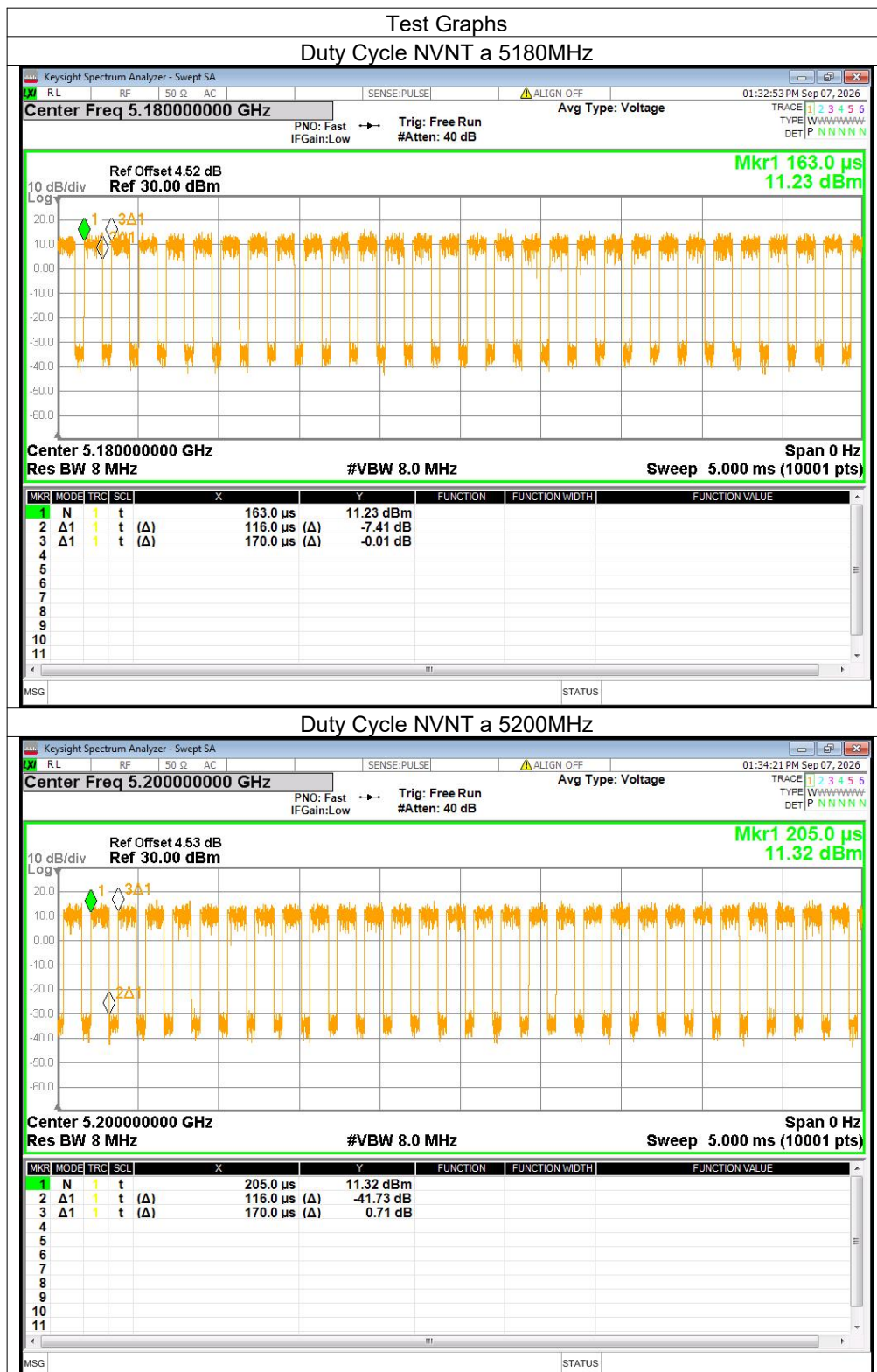
1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

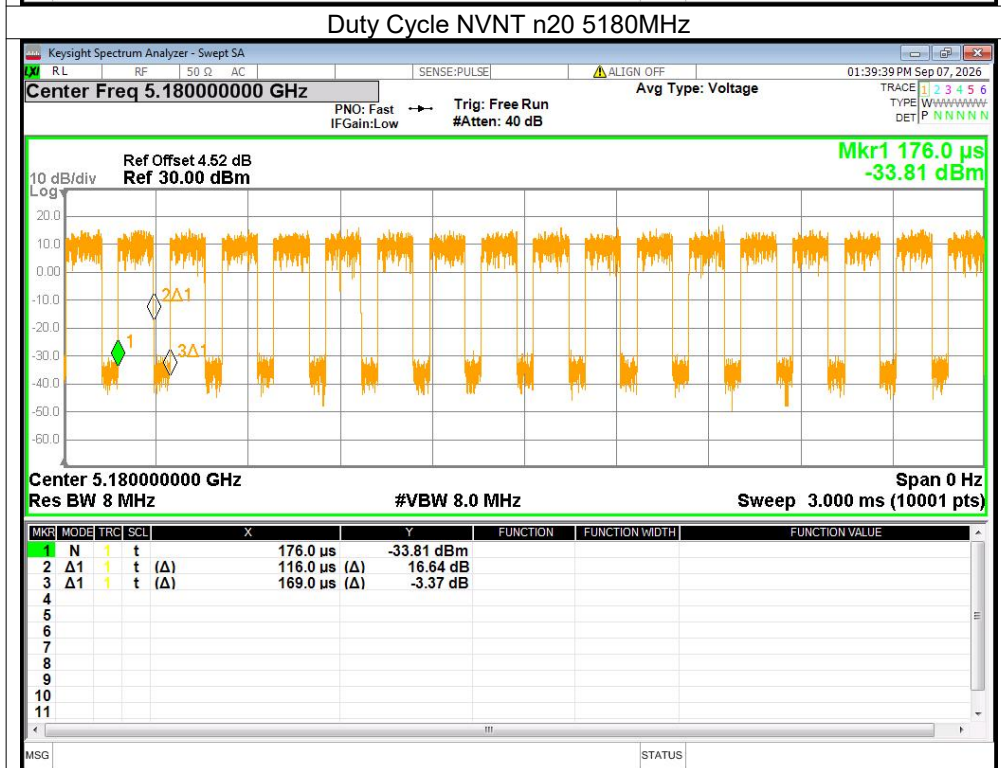
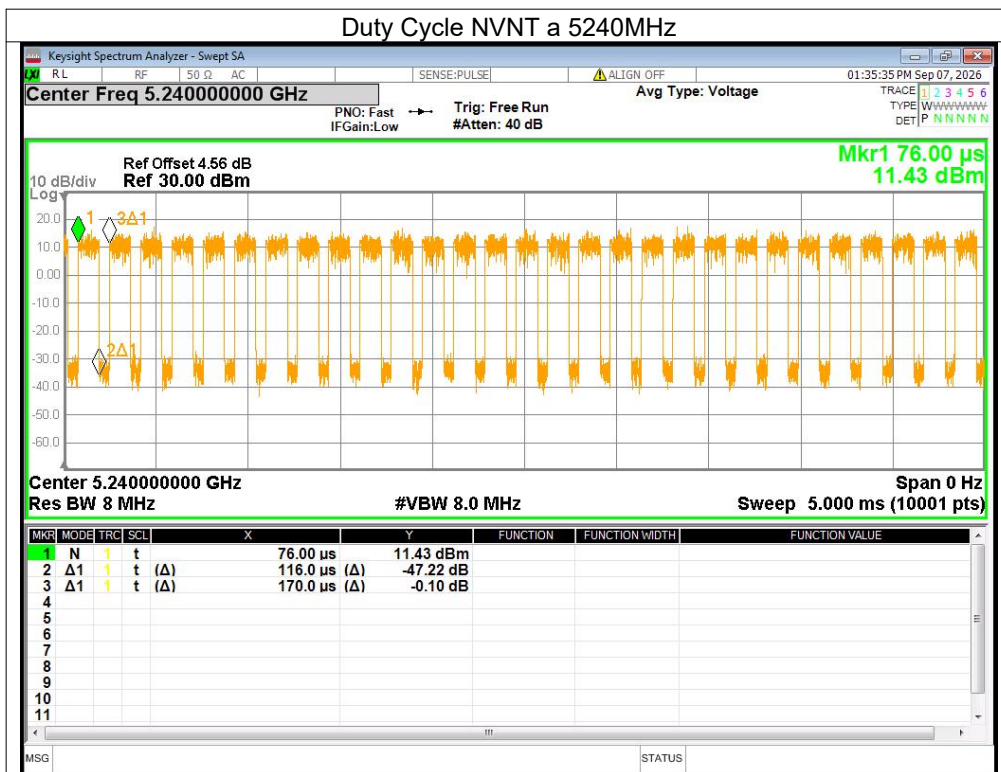
5 APPENDIX 1-TEST DATA

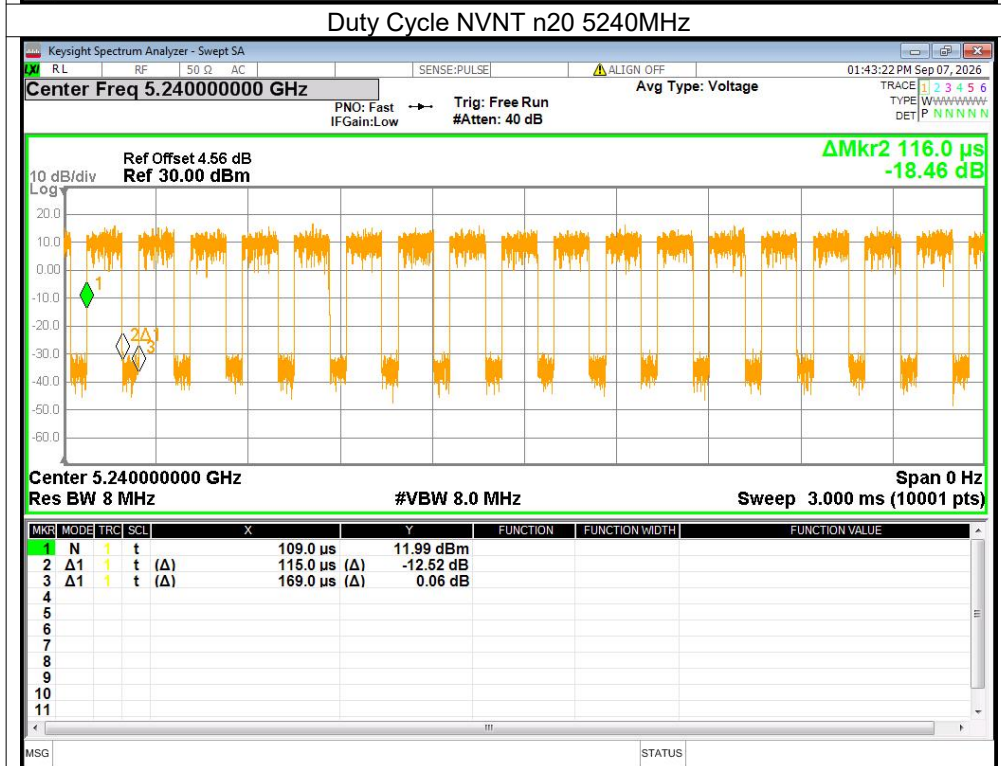
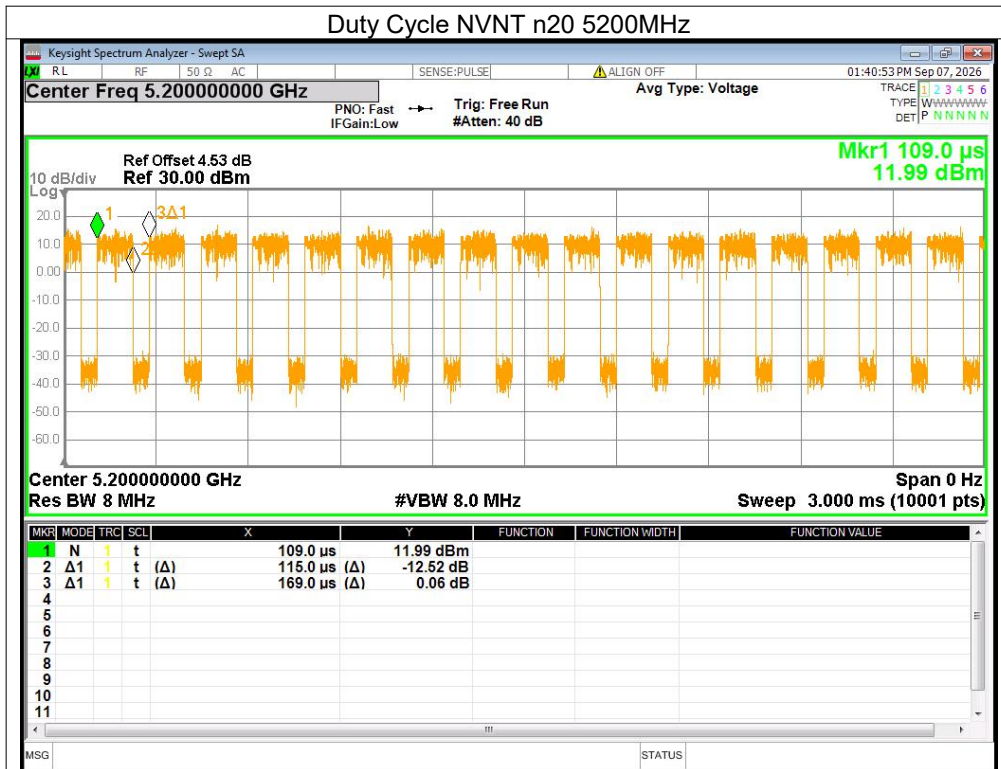
5.2G WLAN

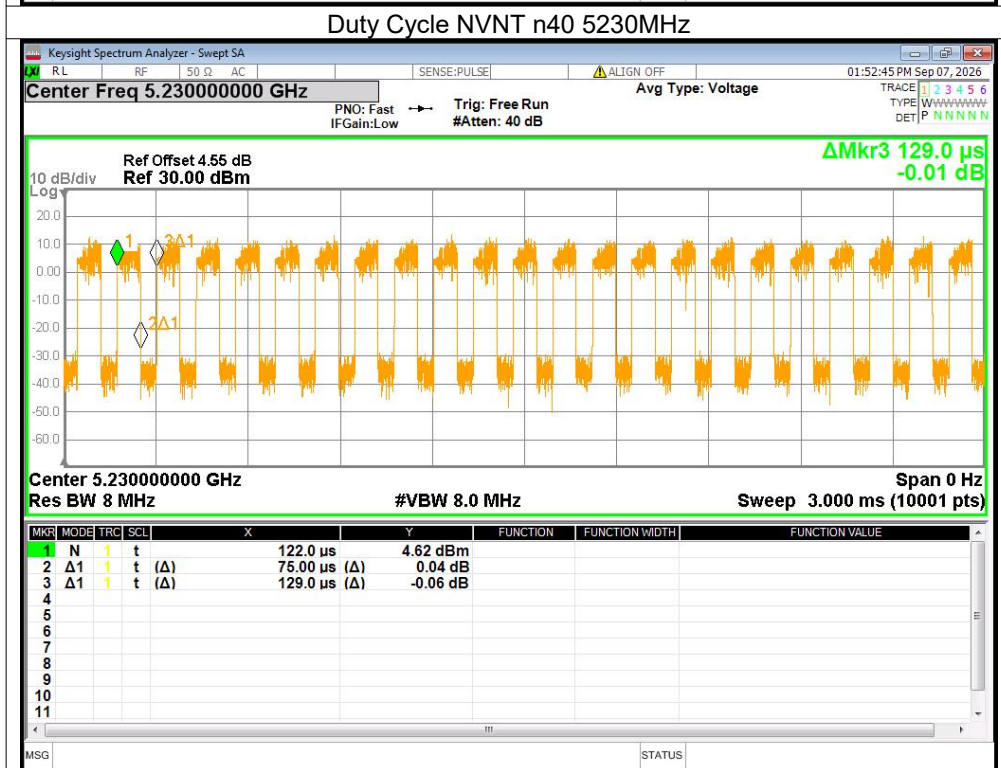
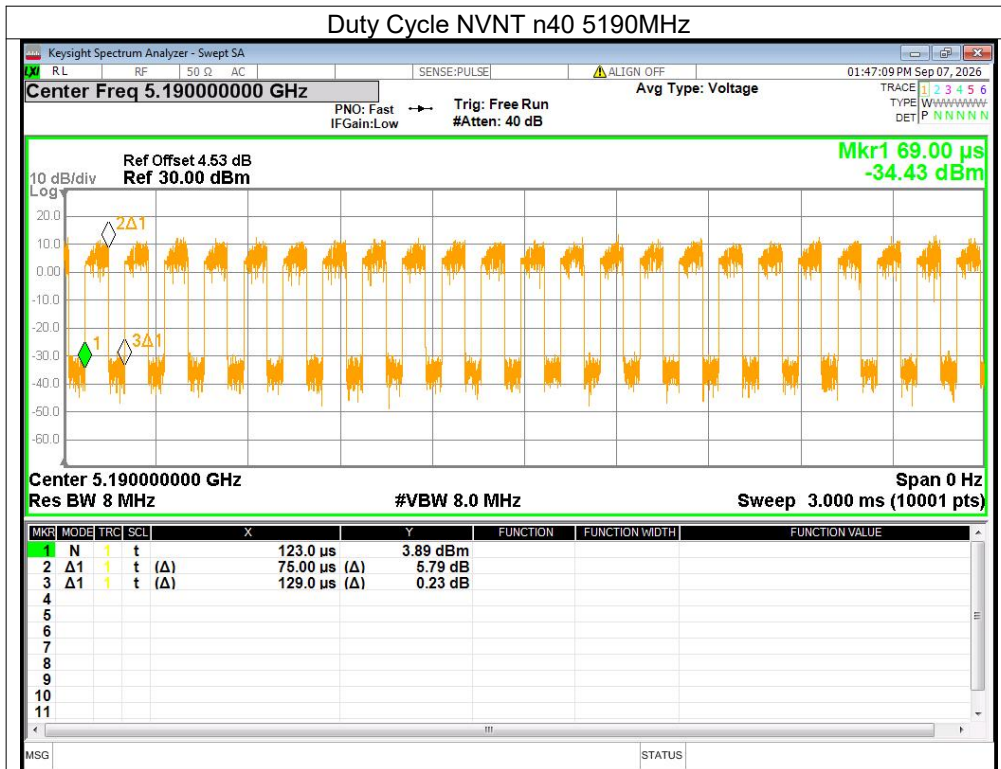
Duty Cycle

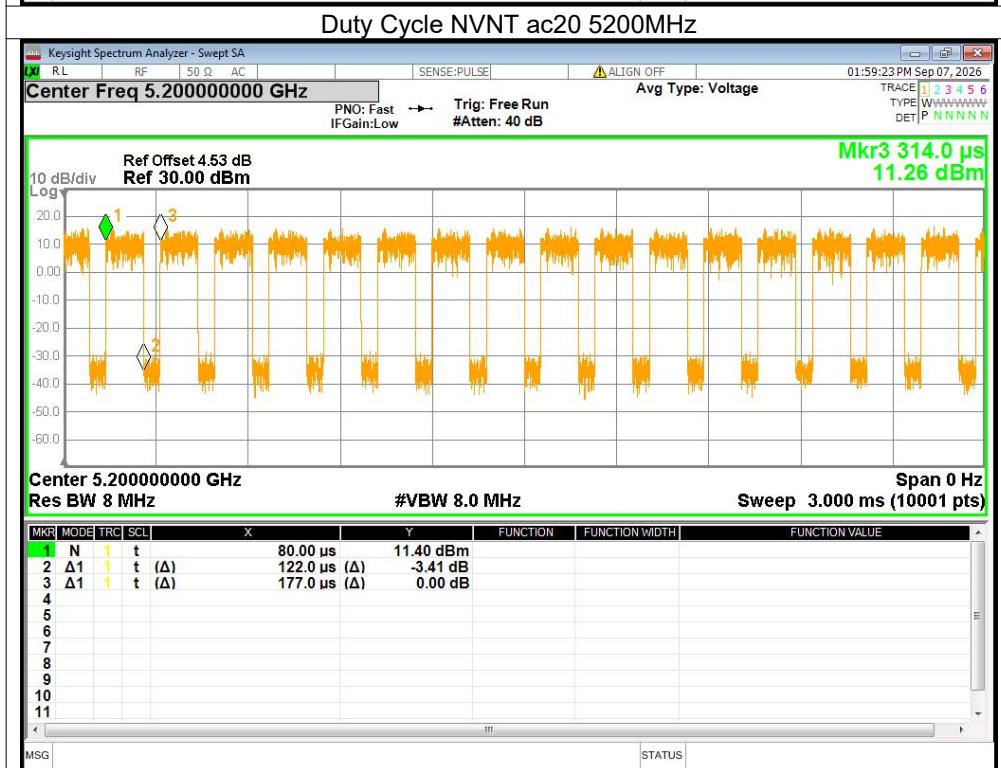
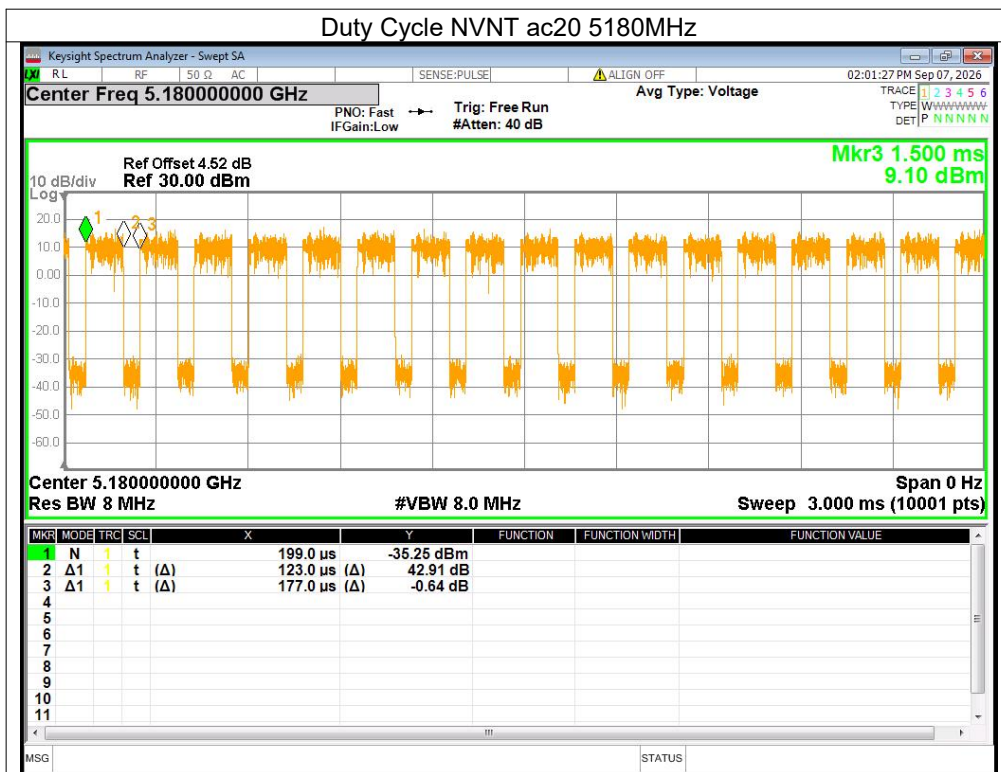
Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
a	5180	0.116	0.17	68.24	1.66	8.58	0.15
a	5200	0.116	0.17	68.24	1.66	8.62	0.01
a	5240	0.116	0.17	68.24	1.66	8.62	0.01
n20	5180	0.116	0.169	68.64	1.63	8.66	0.16
n20	5200	0.115	0.169	68.05	1.67	8.66	0.07
n20	5240	0.116	0.169	68.64	1.63	8.66	0.44
n40	5190	0.076	0.129	58.91	2.3	13.18	0.27
n40	5230	0.076	0.129	58.91	2.3	13.18	0.03
ac20	5180	0.122	0.177	68.93	1.62	8.13	0.28
ac20	5200	0.123	0.177	69.49	1.58	8.13	0.62
ac20	5240	0.123	0.177	69.49	1.58	8.11	0.01
ac40	5190	0.083	0.137	60.58	2.18	11.99	0.29
ac40	5230	0.083	0.137	60.58	2.18	11.95	0.19
ac80	5210	0.062	0.115	53.91	2.68	16.18	0.20

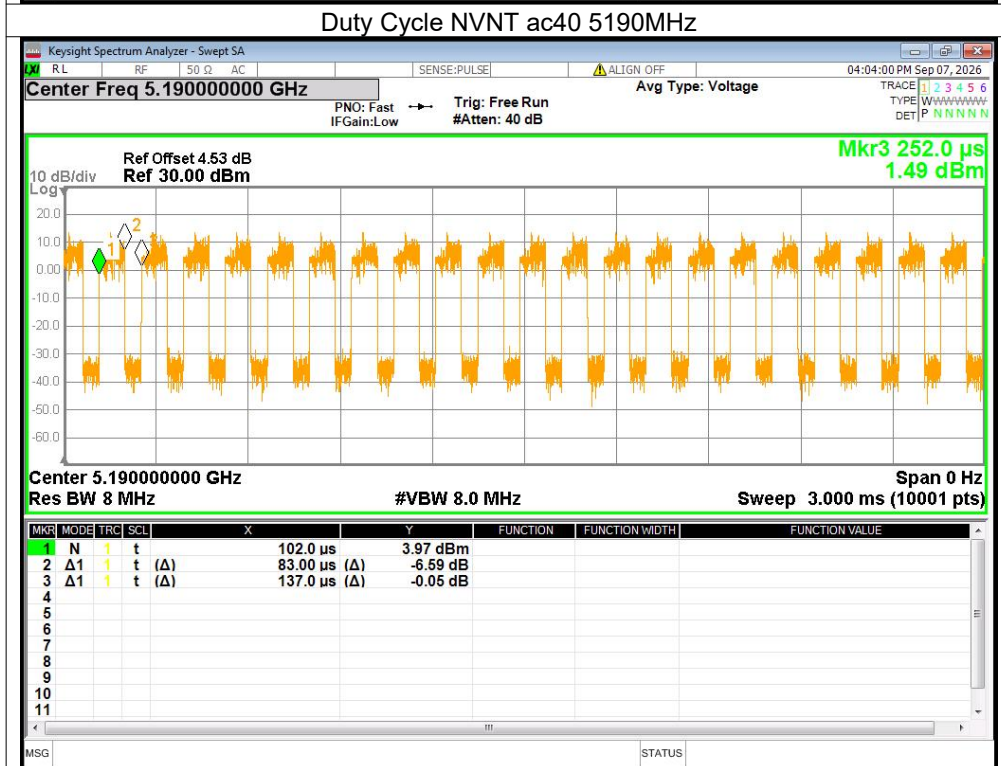
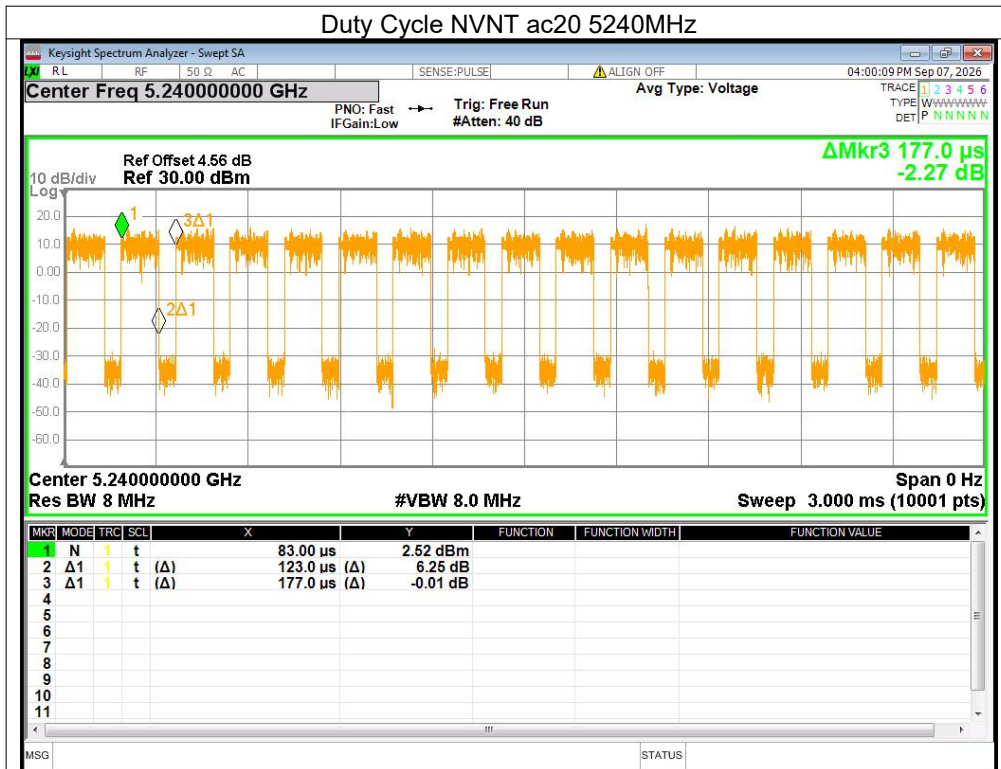


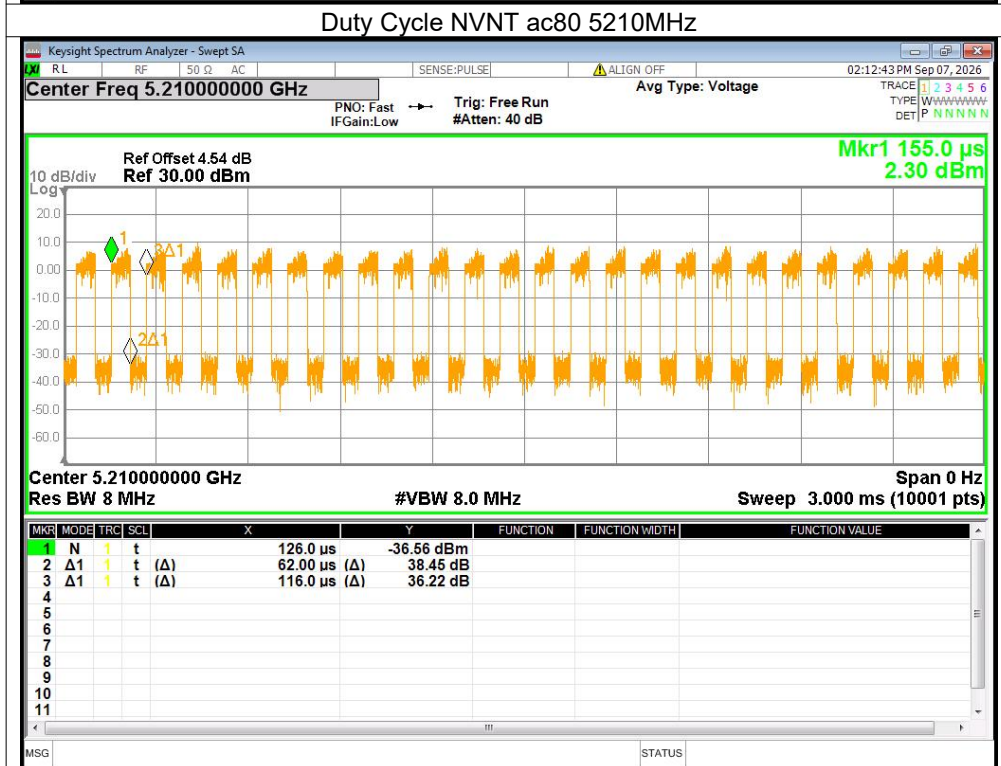
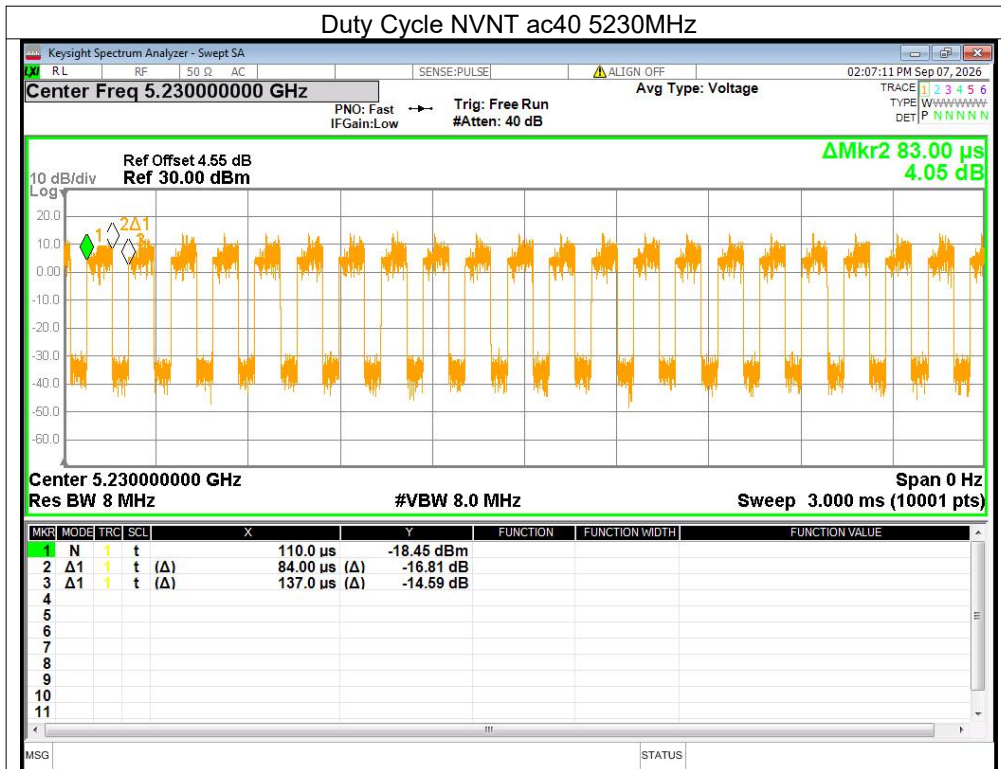














Maximum Conducted Output Power

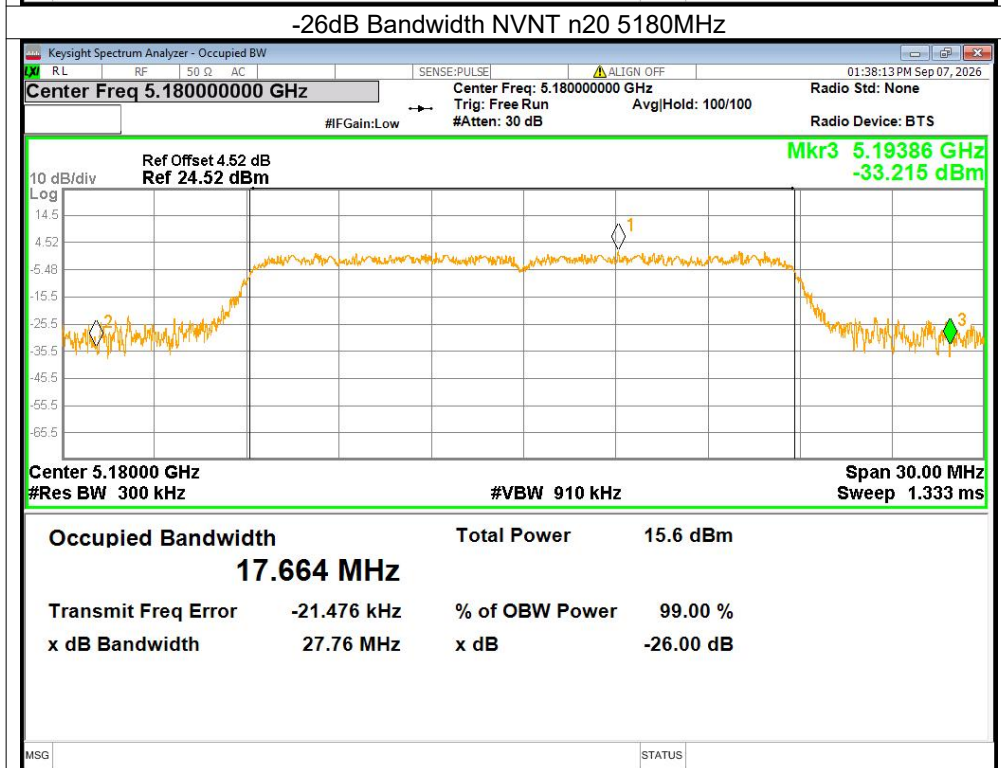
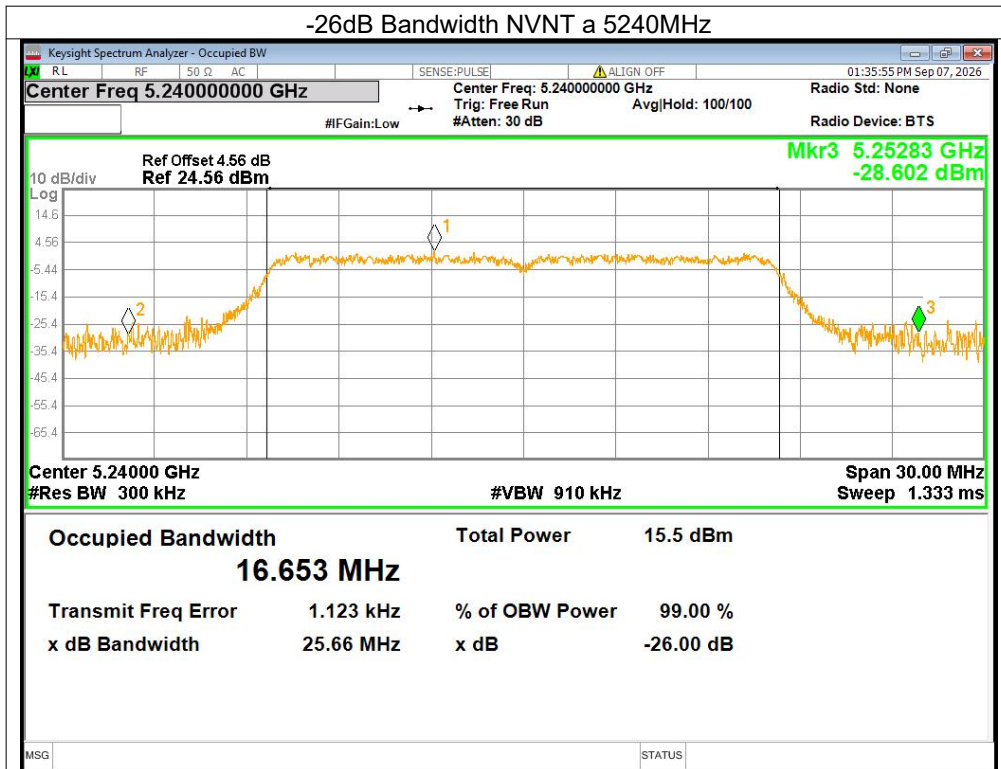
Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	8.54	1.66	10.2	<=24	Pass
a	5200	8.65	1.66	10.31	<=24	Pass
a	5240	8.57	1.66	10.23	<=24	Pass
n20	5180	8.68	1.63	10.31	<=24	Pass
n20	5200	8.78	1.67	10.45	<=24	Pass
n20	5240	8.67	1.63	10.3	<=24	Pass
n40	5190	7.8	2.3	10.1	<=24	Pass
n40	5230	7.64	2.3	9.94	<=24	Pass
ac20	5180	8.87	1.62	10.49	<=24	Pass
ac20	5200	8.86	1.58	10.44	<=24	Pass
ac20	5240	8.66	1.58	10.24	<=24	Pass
ac40	5190	7.71	2.18	9.89	<=24	Pass
ac40	5230	7.86	2.18	10.04	<=24	Pass
ac80	5210	7.51	2.68	10.19	<=24	Pass

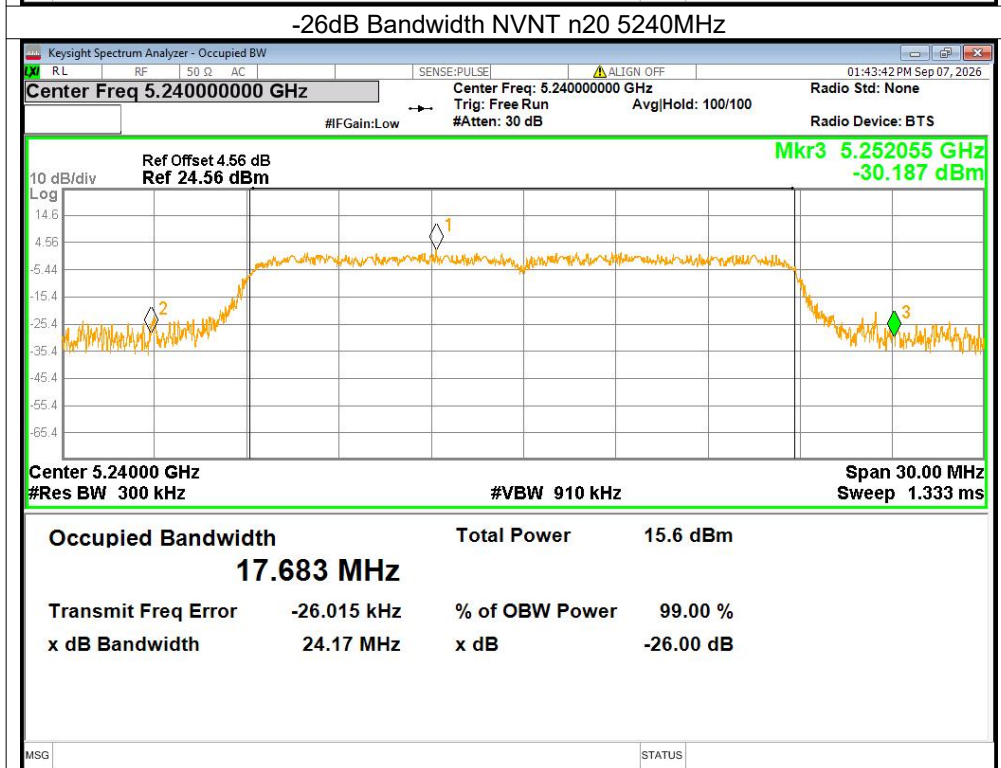
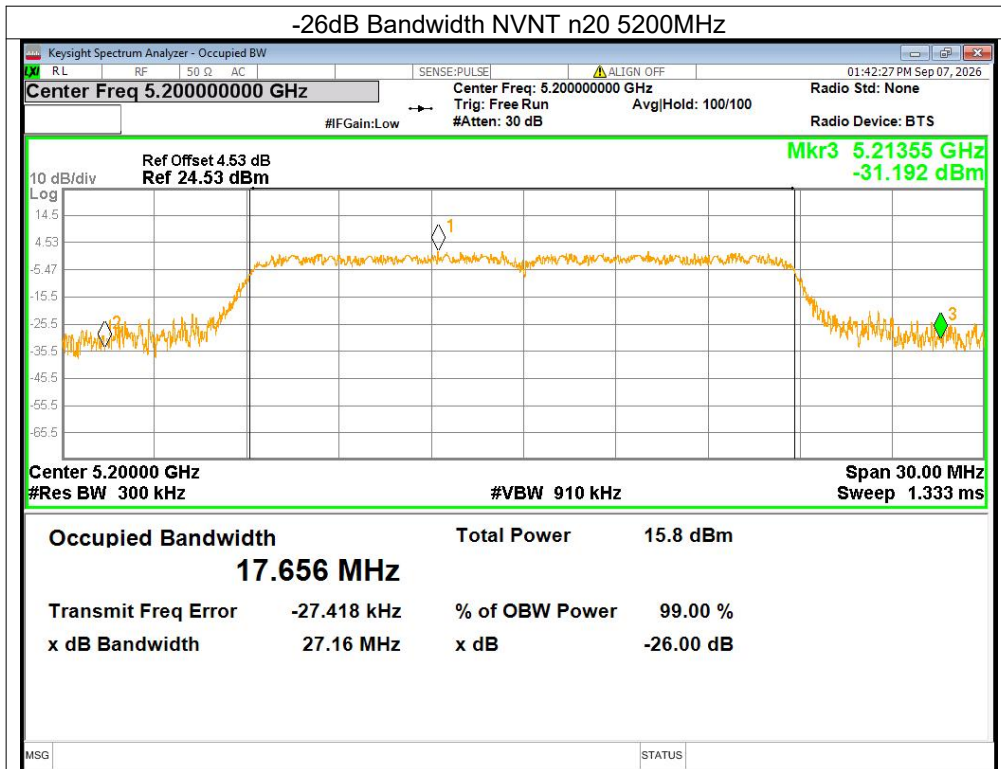


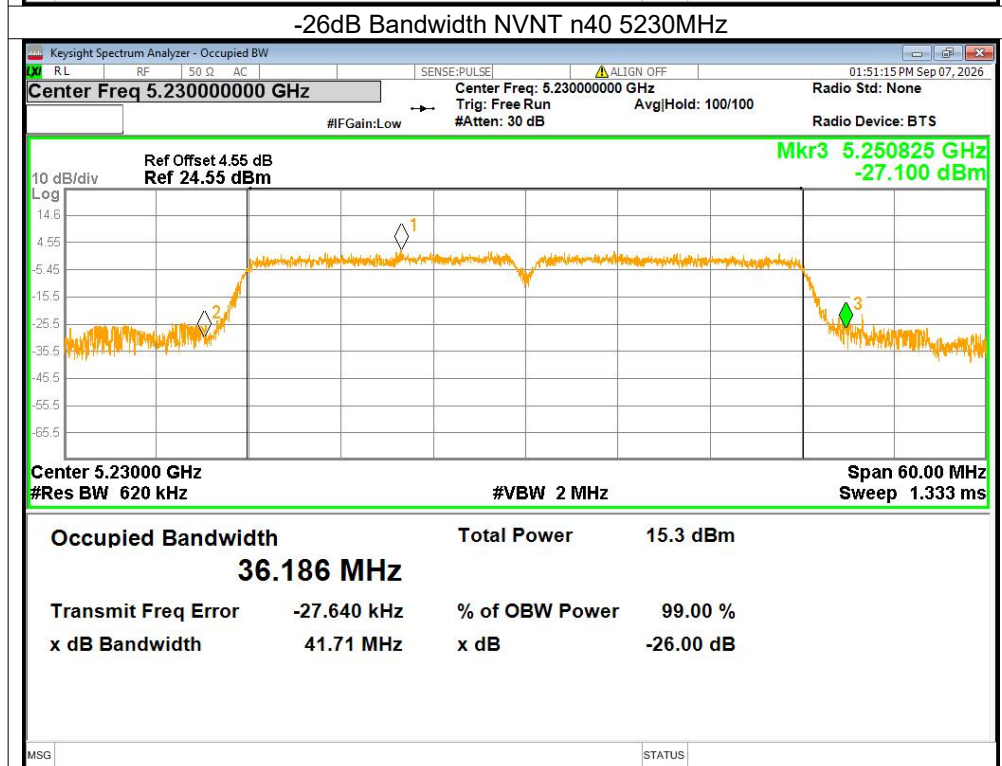
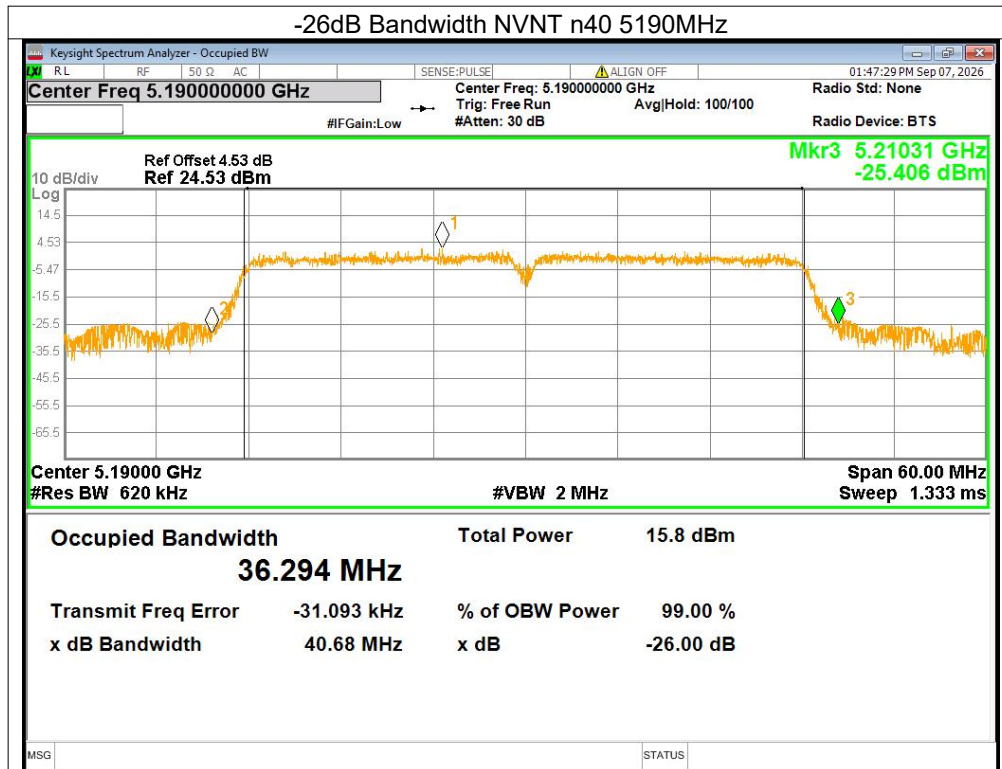
-26dB Bandwidth

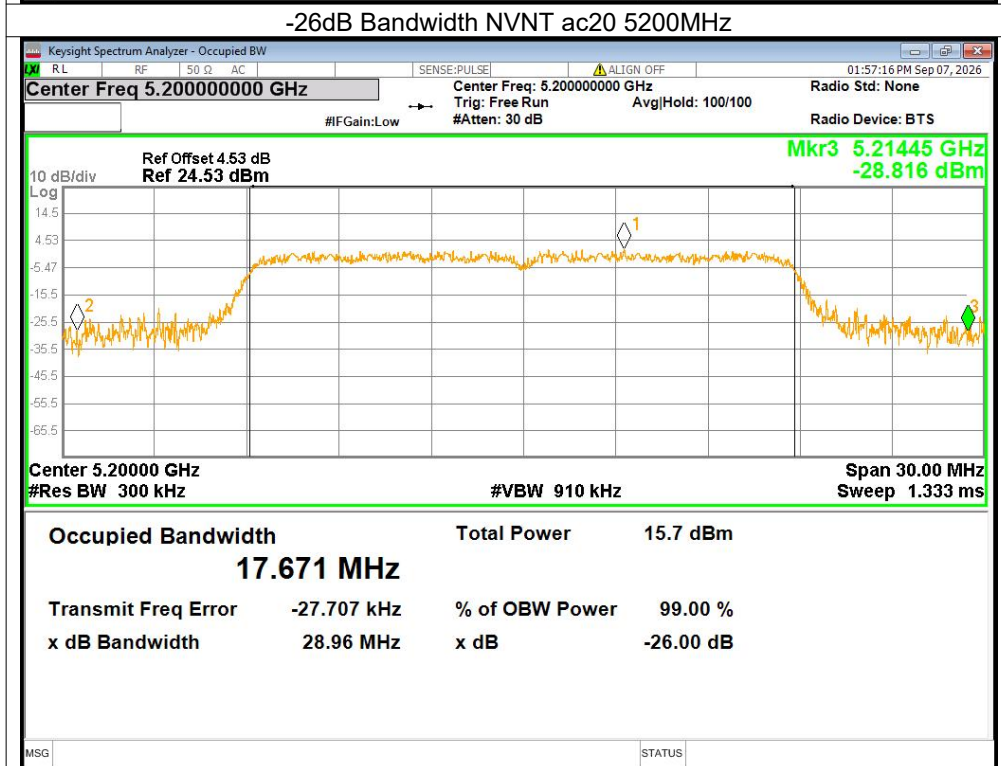
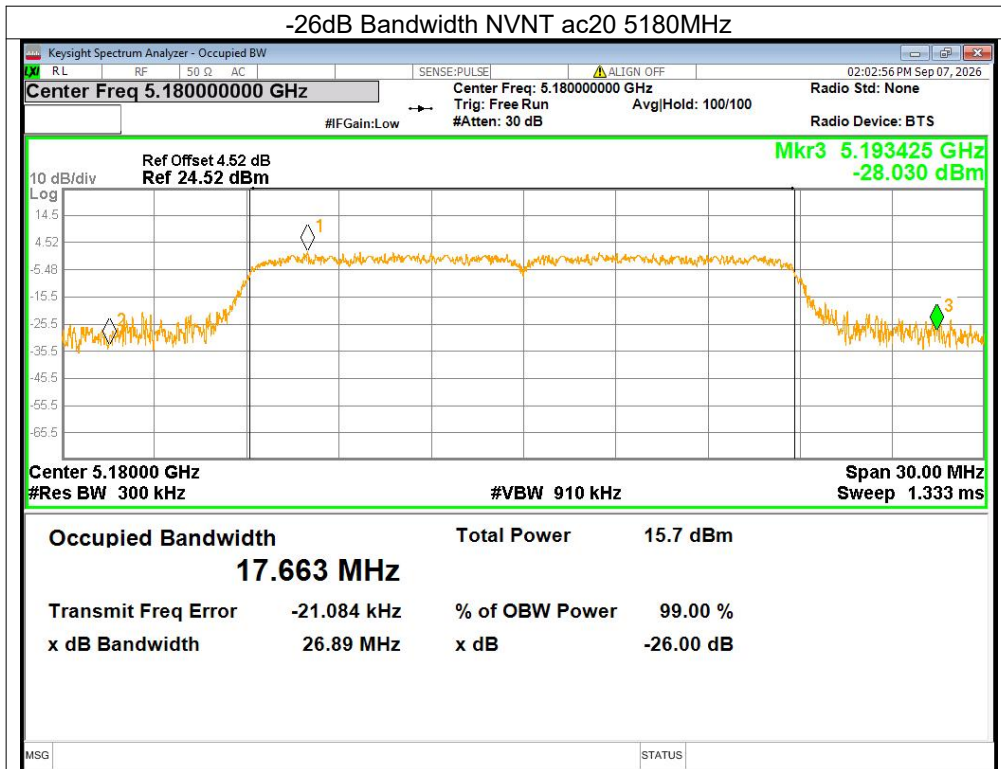
Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
a	5180	25.42	Pass
a	5200	26.11	Pass
a	5240	25.66	Pass
n20	5180	27.76	Pass
n20	5200	27.16	Pass
n20	5240	24.17	Pass
n40	5190	40.68	Pass
n40	5230	41.71	Pass
ac20	5180	26.89	Pass
ac20	5200	28.96	Pass
ac20	5240	25.89	Pass
ac40	5190	45.08	Pass
ac40	5230	42.92	Pass
ac80	5210	90.45	Pass

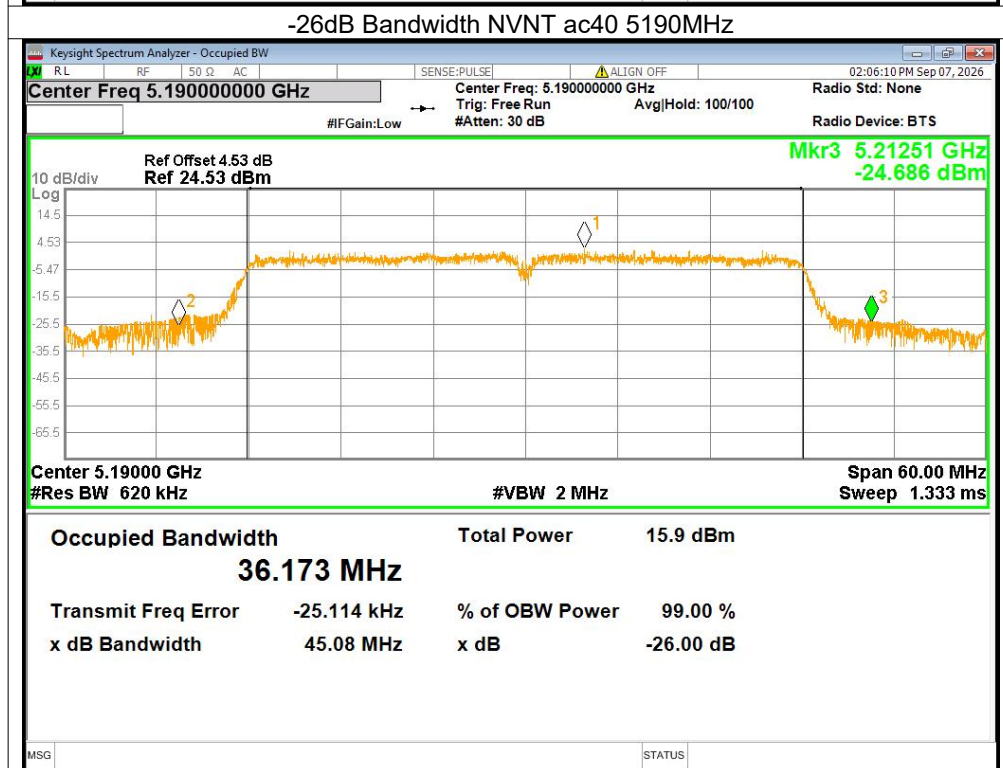
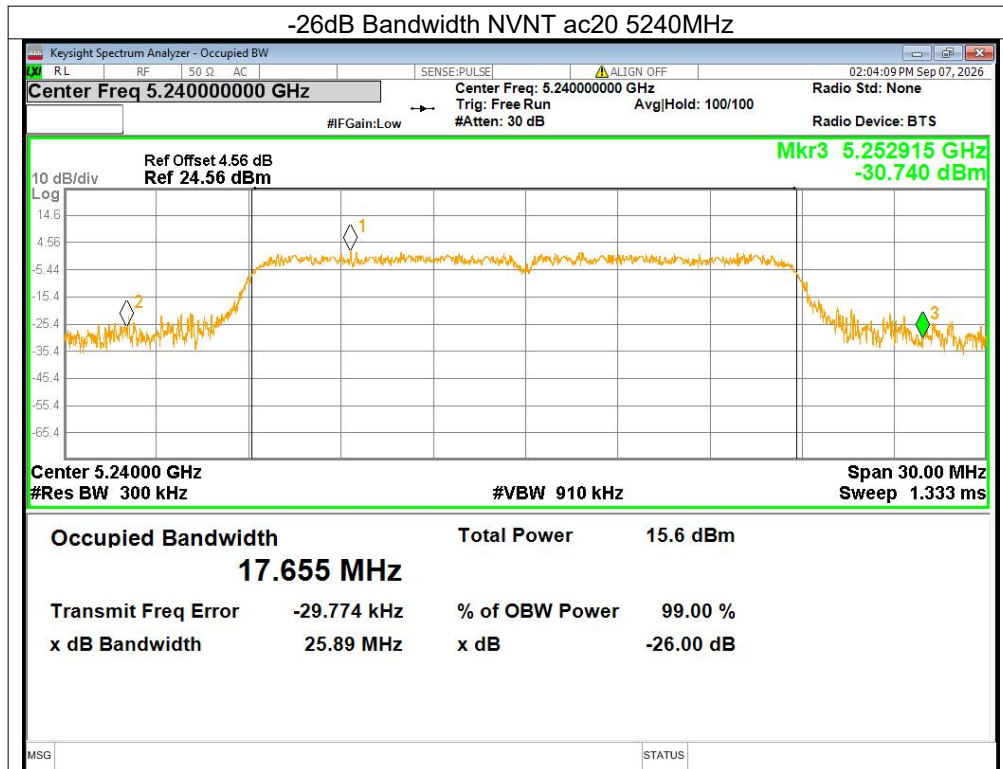


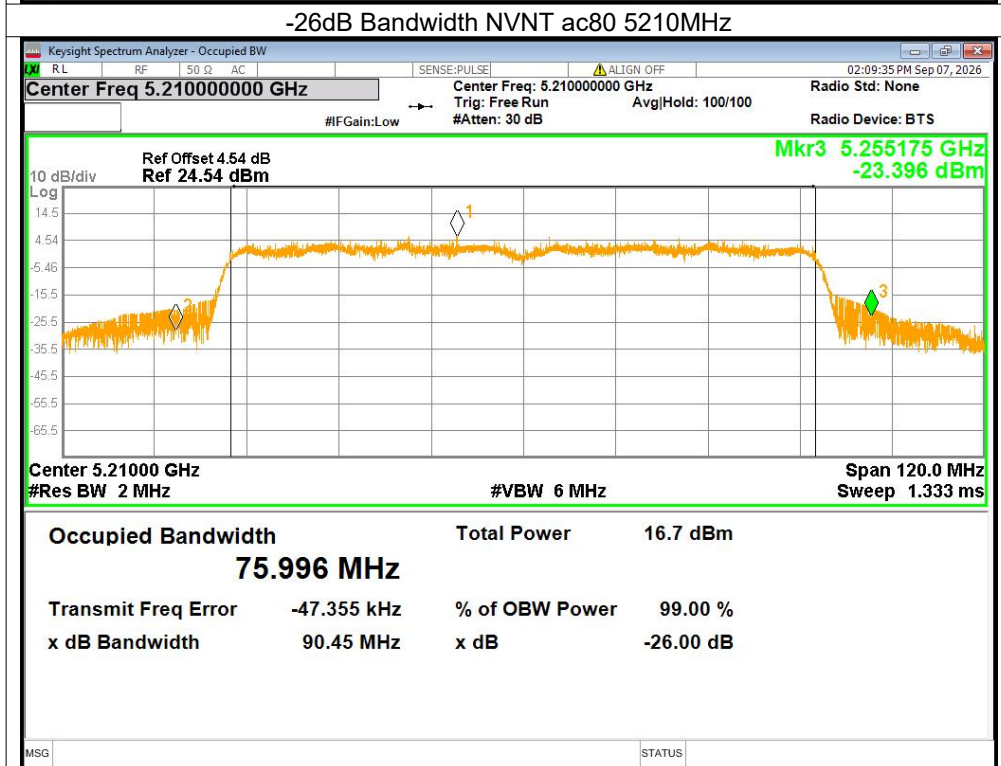
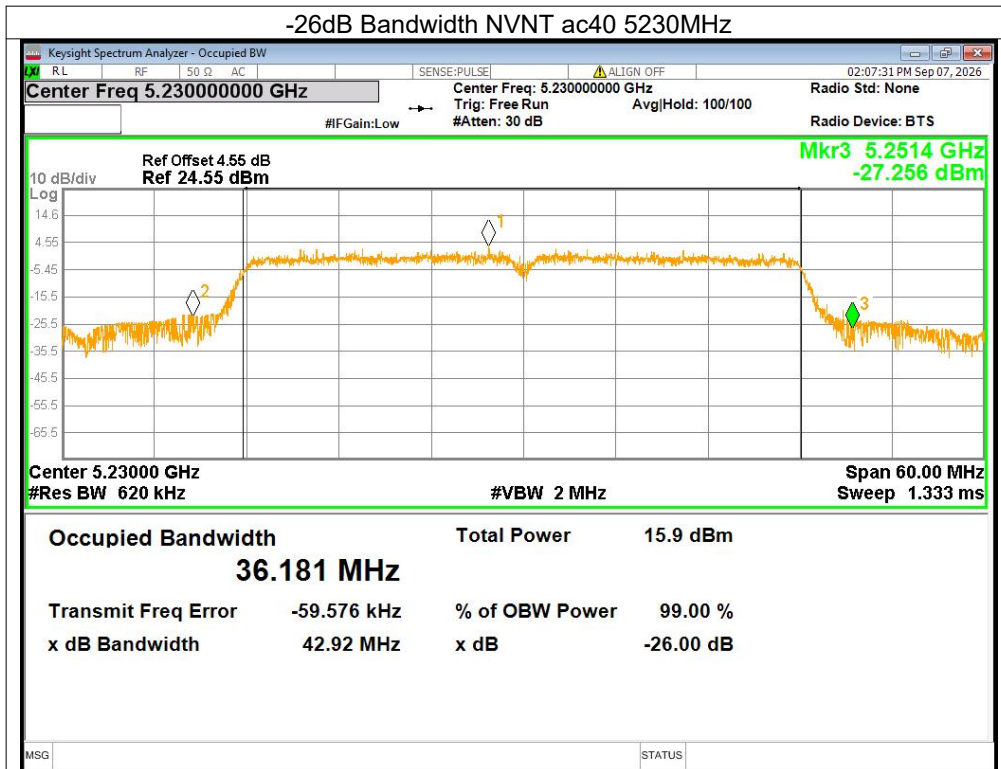








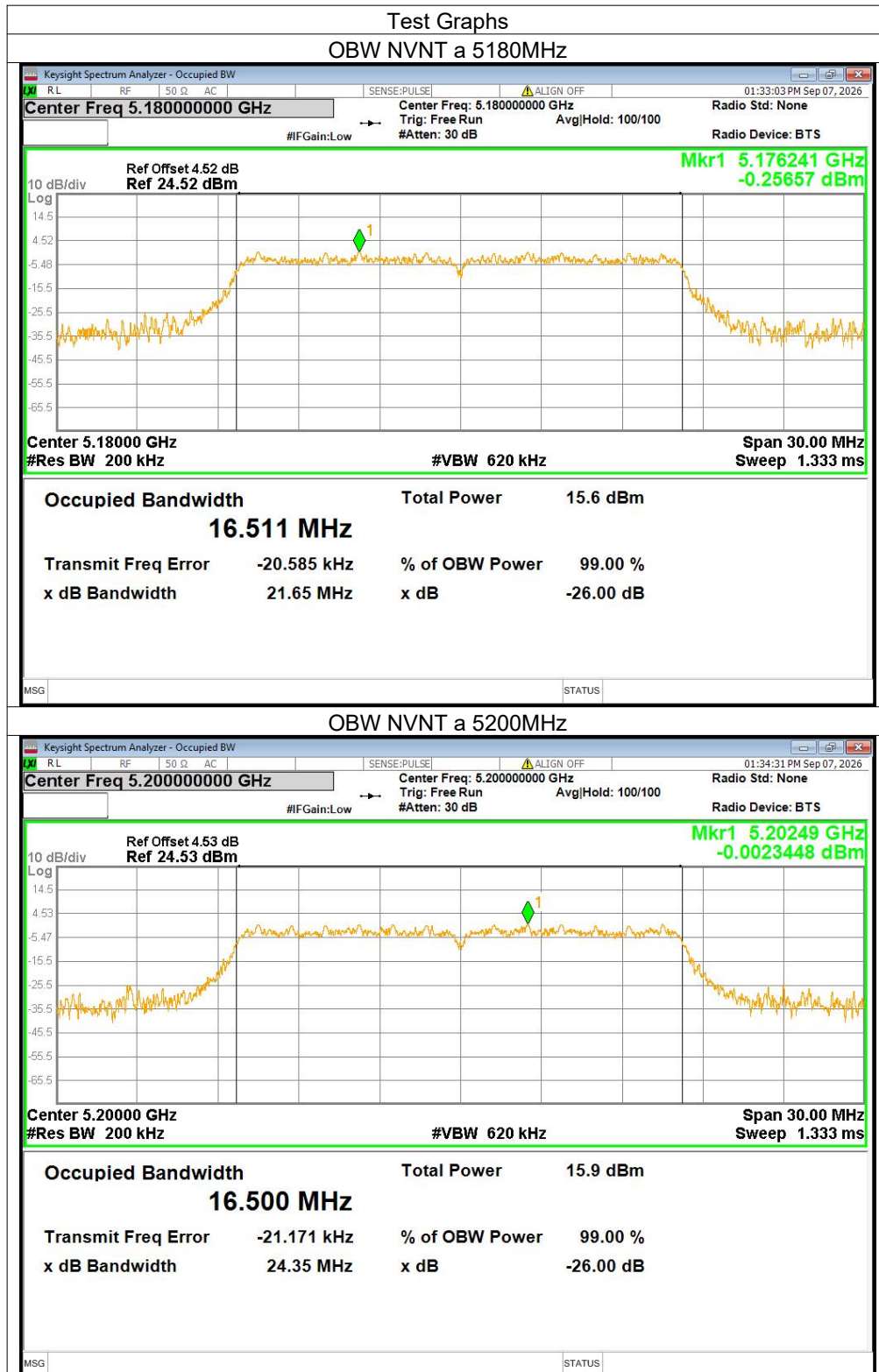


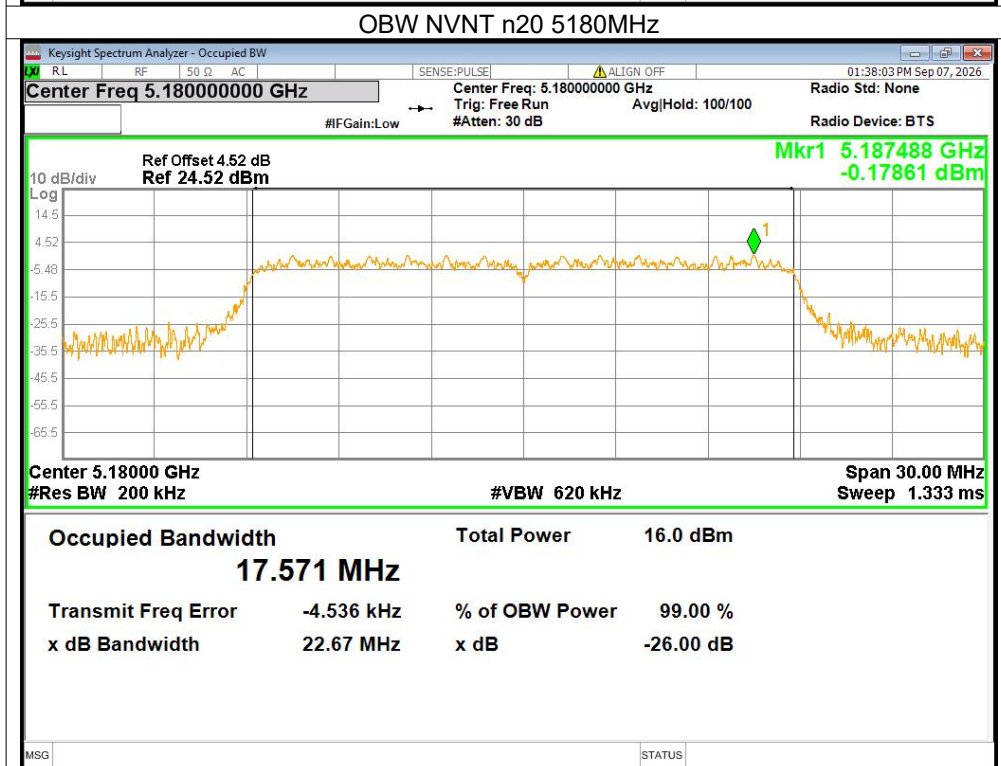
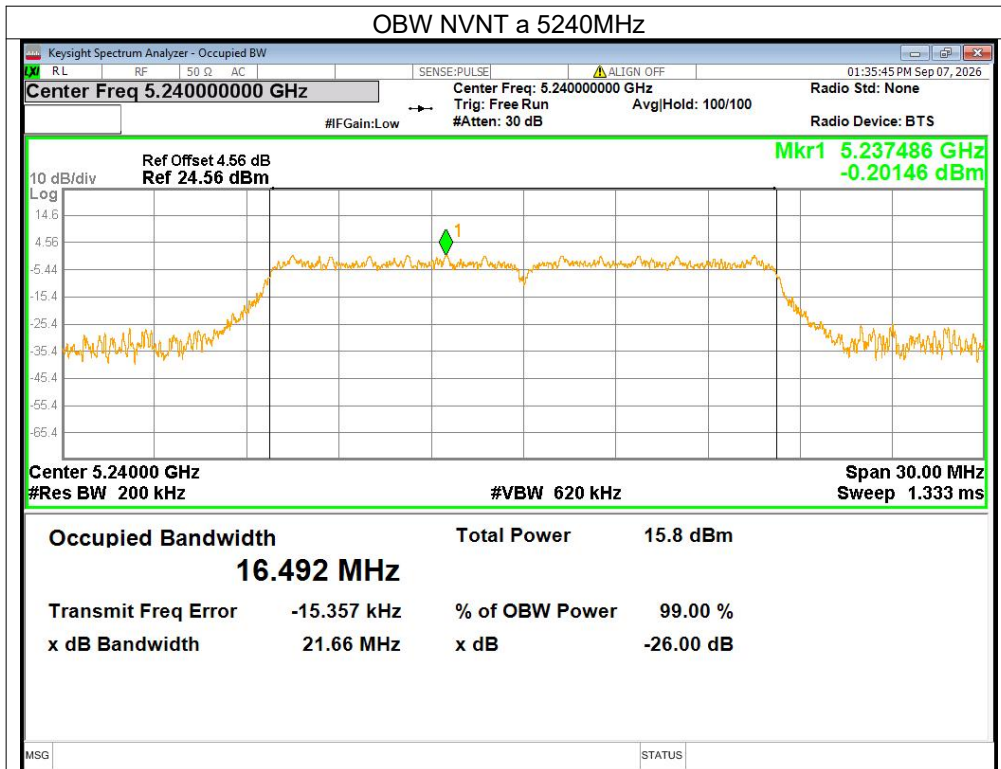


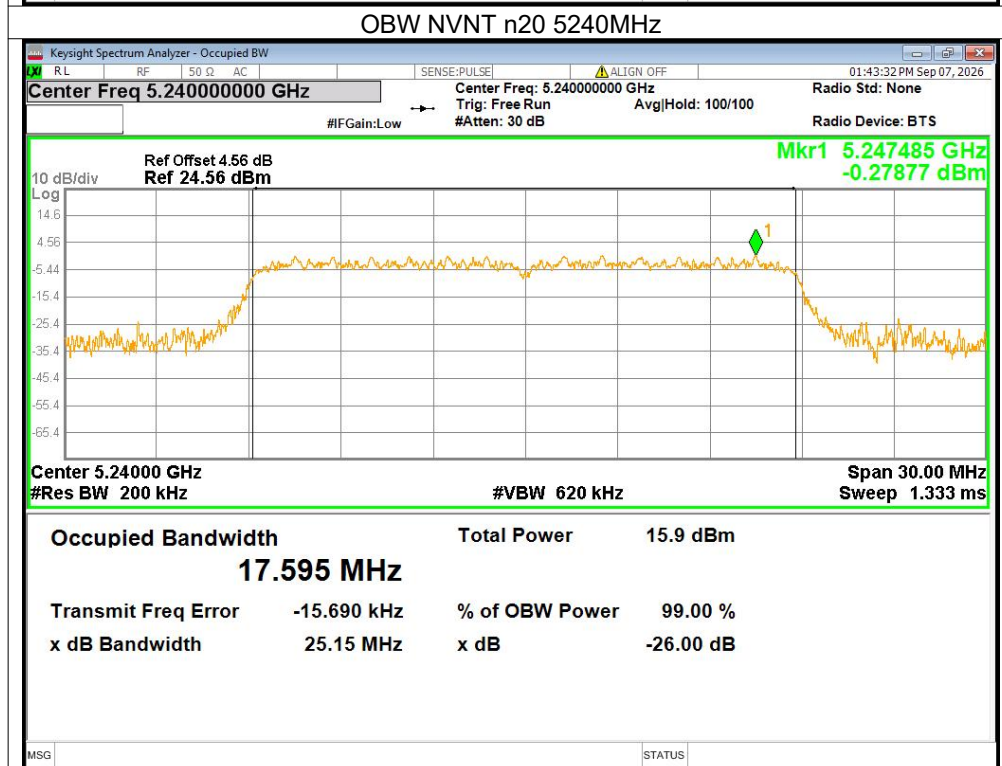
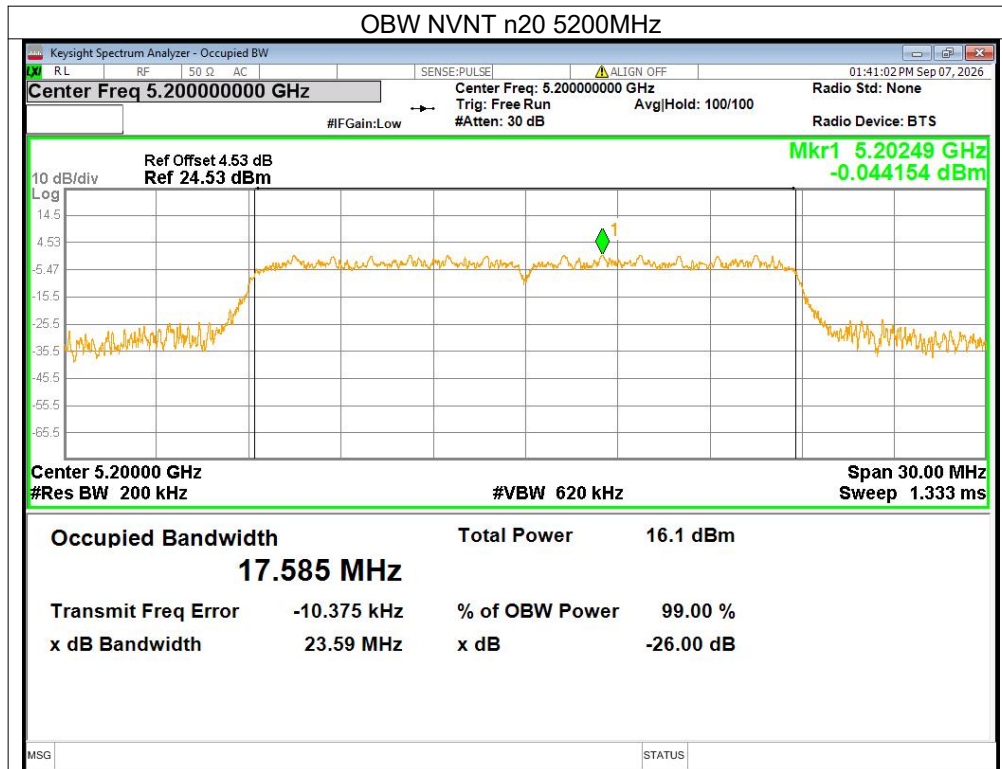


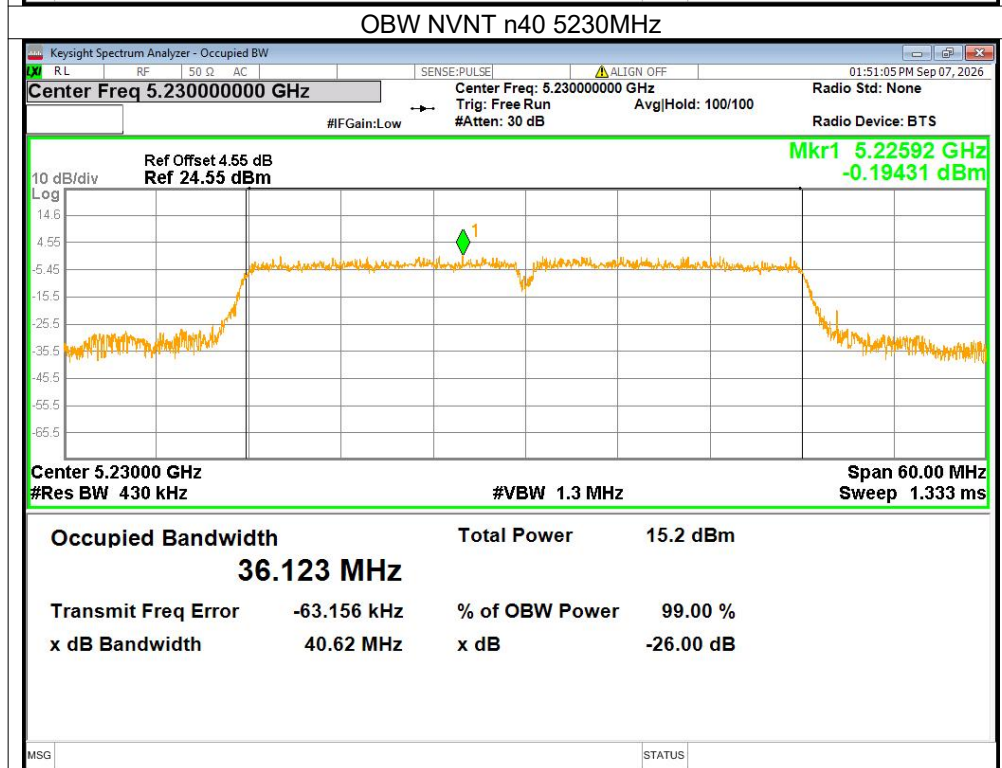
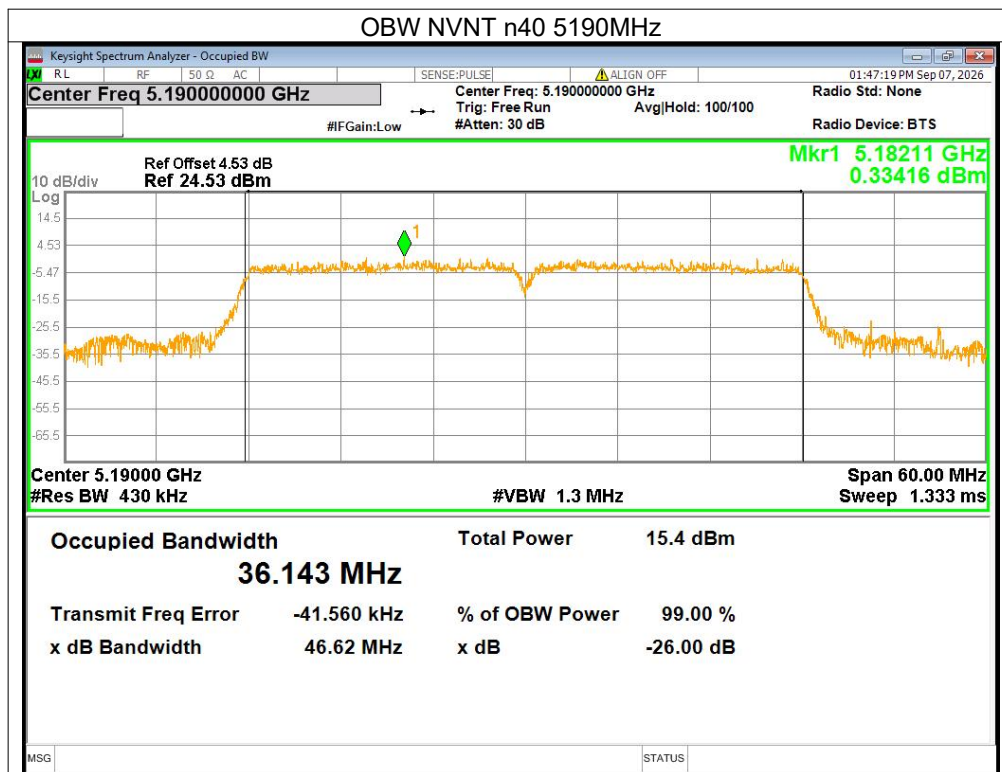
Occupied Channel Bandwidth

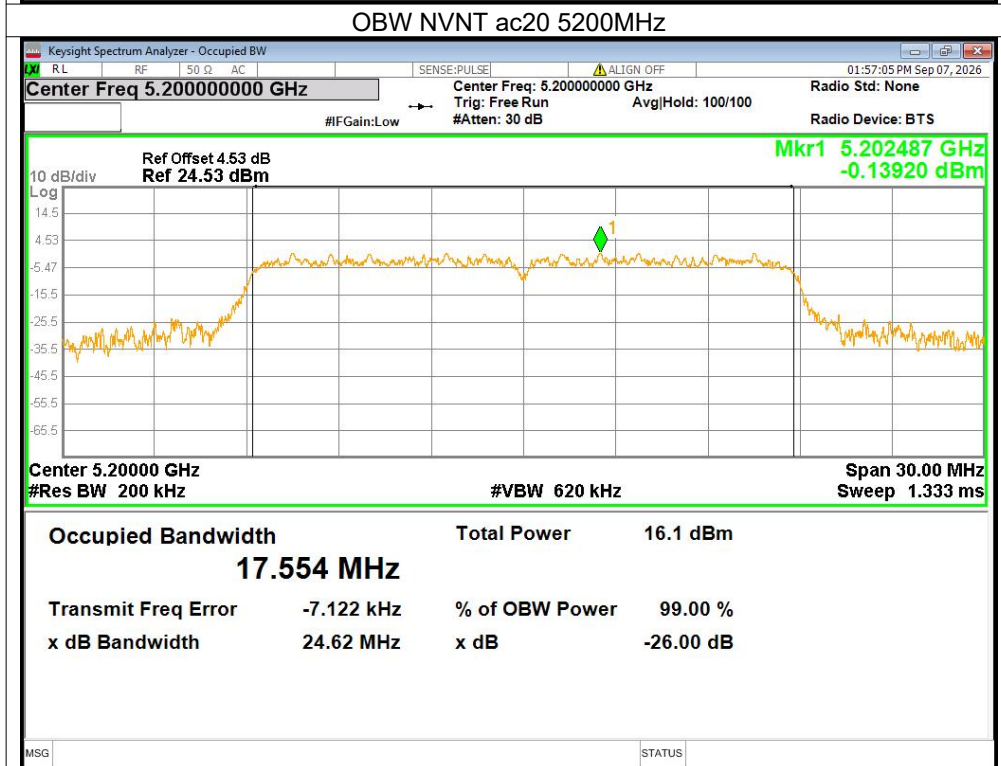
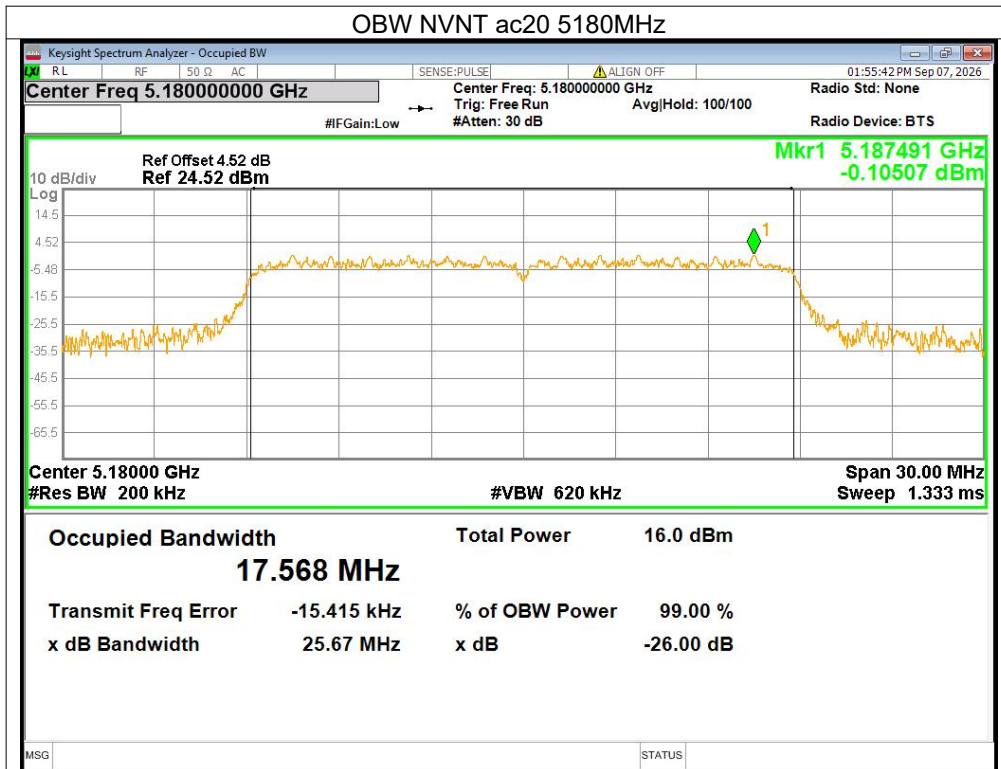
Mode	Frequency (MHz)	99% OBW (MHz)
a	5180	16.511
a	5200	16.5
a	5240	16.492
n20	5180	17.571
n20	5200	17.585
n20	5240	17.595
n40	5190	36.143
n40	5230	36.123
ac20	5180	17.568
ac20	5200	17.554
ac20	5240	17.547
ac40	5190	36.133
ac40	5230	36.18
ac80	5210	75.576

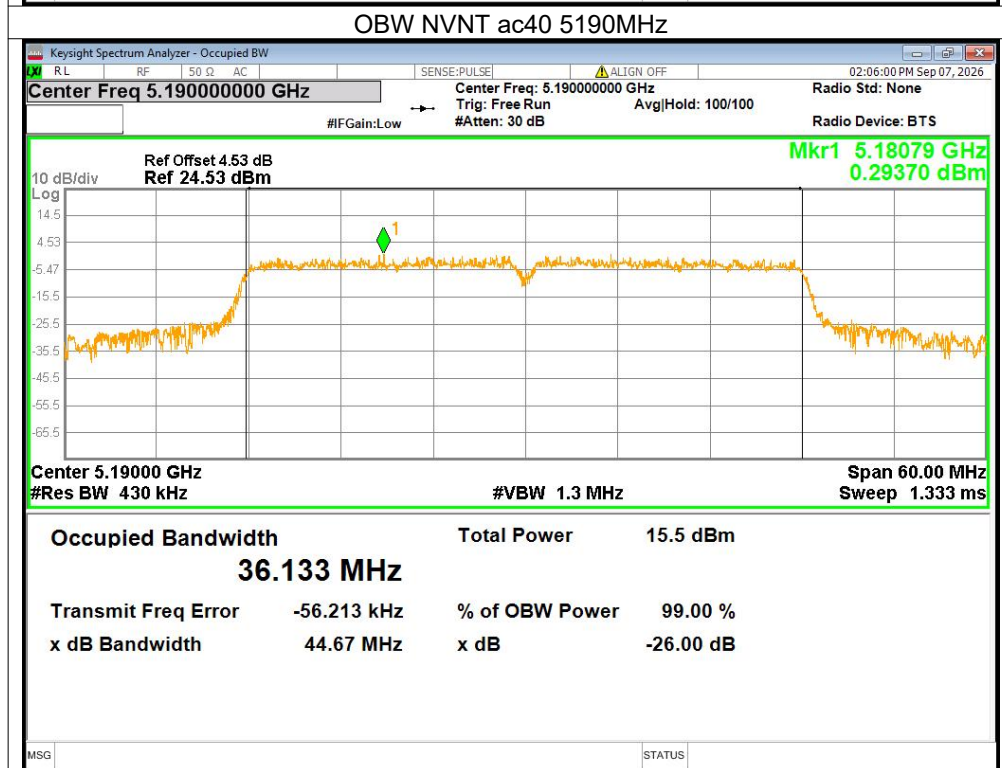
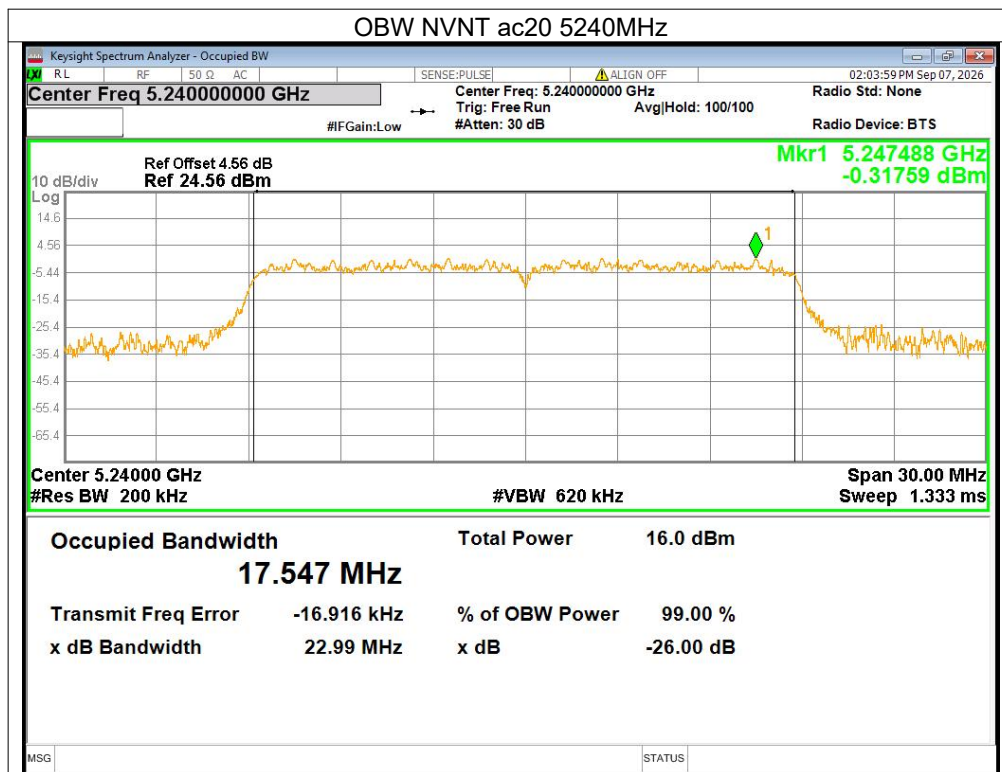


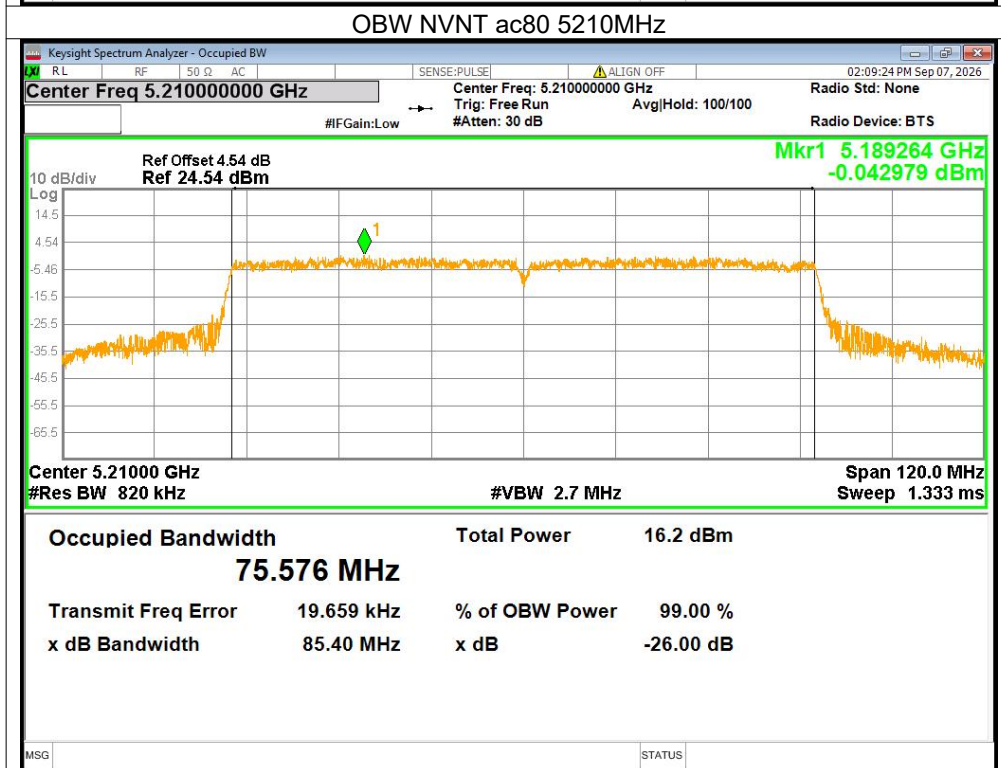
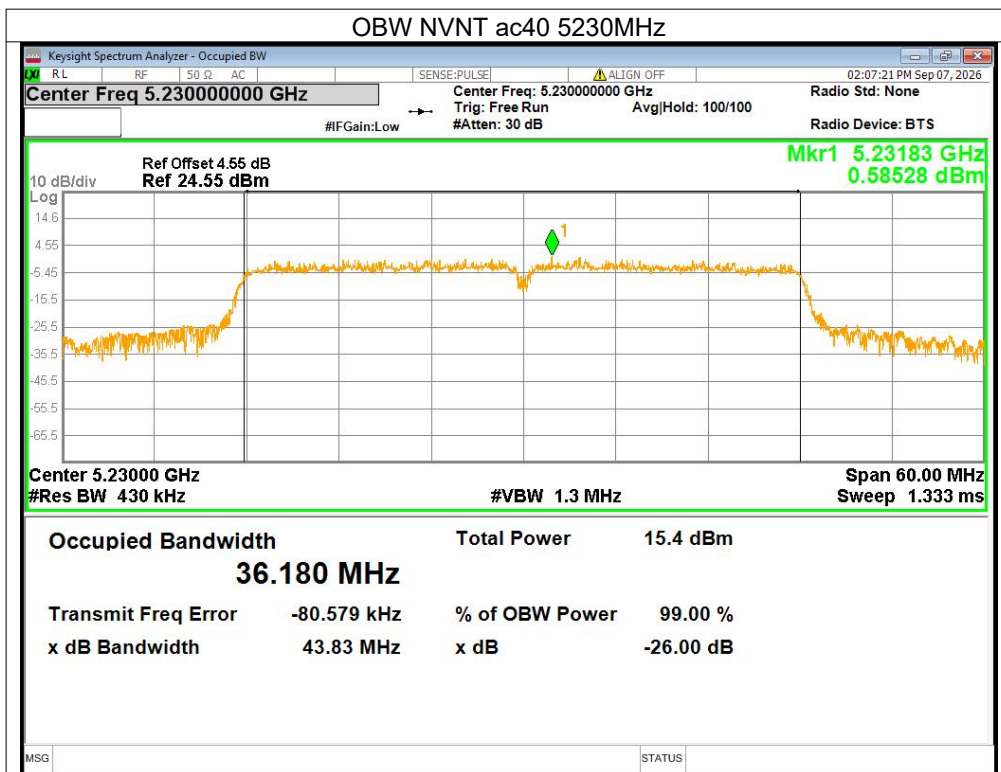














Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	-1.966	1.66	-0.306	<=11	Pass
a	5200	-1.652	1.66	0.008	<=11	Pass
a	5240	-1.588	1.66	0.072	<=11	Pass
n20	5180	-1.499	1.63	0.131	<=11	Pass
n20	5200	-1.54	1.67	0.13	<=11	Pass
n20	5240	-1.822	1.63	-0.192	<=11	Pass
n40	5190	-4.99	2.3	-2.69	<=11	Pass
n40	5230	-5.653	2.3	-3.353	<=11	Pass
ac20	5180	-1.556	1.62	0.064	<=11	Pass
ac20	5200	-1.404	1.58	0.176	<=11	Pass
ac20	5240	-1.798	1.58	-0.218	<=11	Pass
ac40	5190	-5.506	2.18	-3.326	<=11	Pass
ac40	5230	-5.196	2.18	-3.016	<=11	Pass
ac80	5210	-8.669	2.68	-5.989	<=11	Pass

