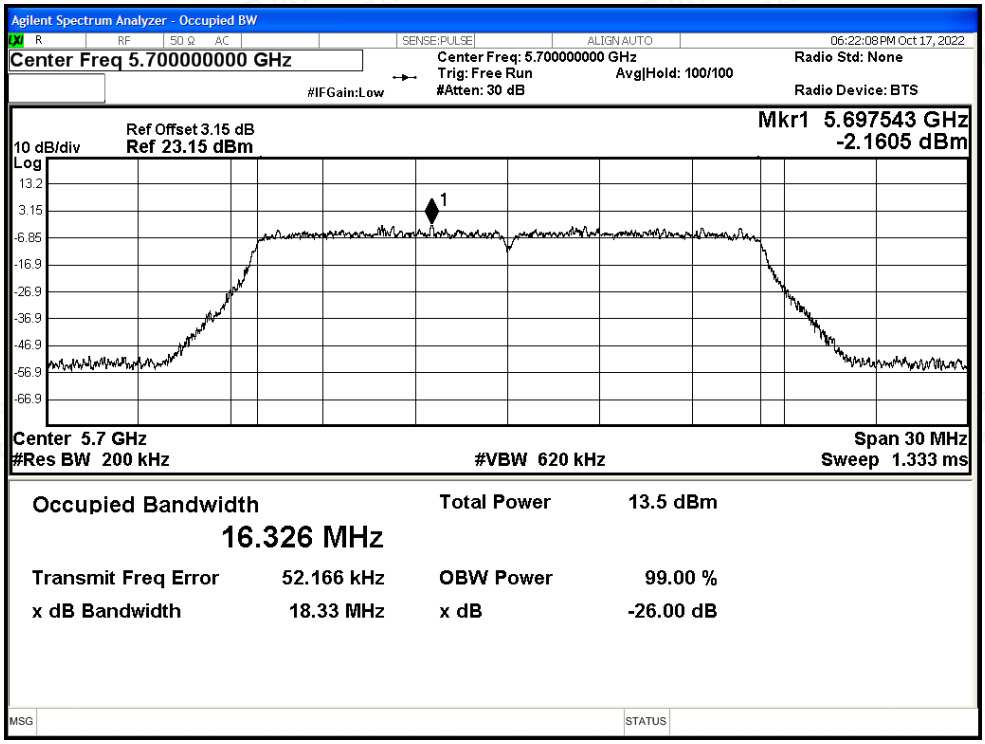
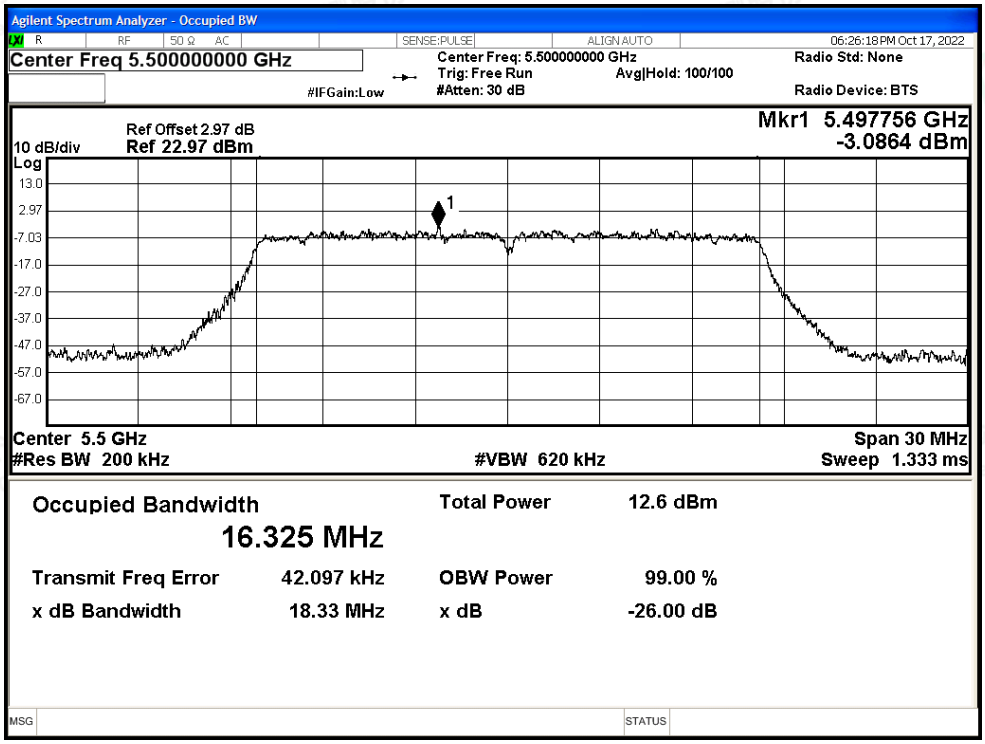
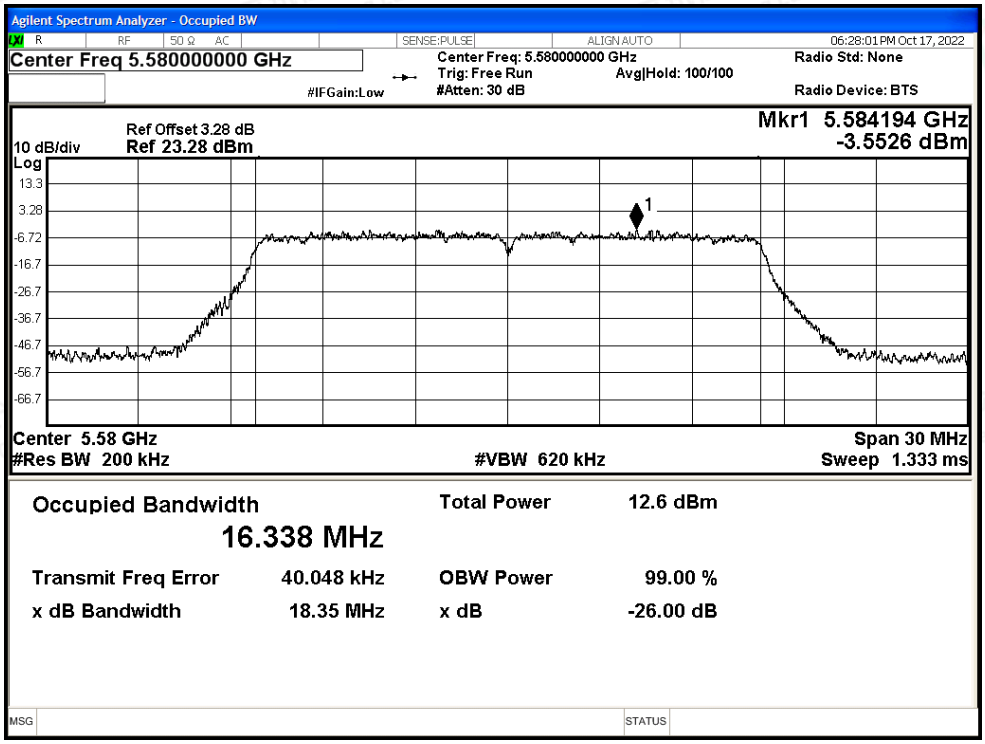
OBW NVNT a 5700MHz Ant0



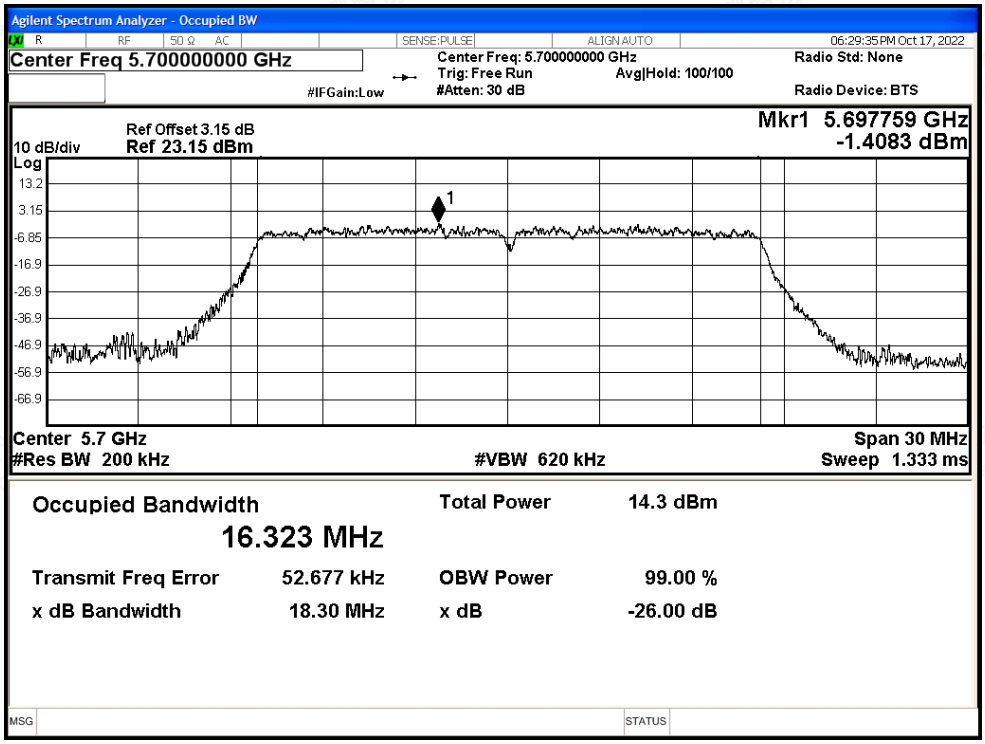
OBW NVNT n20 5500MHz Ant0



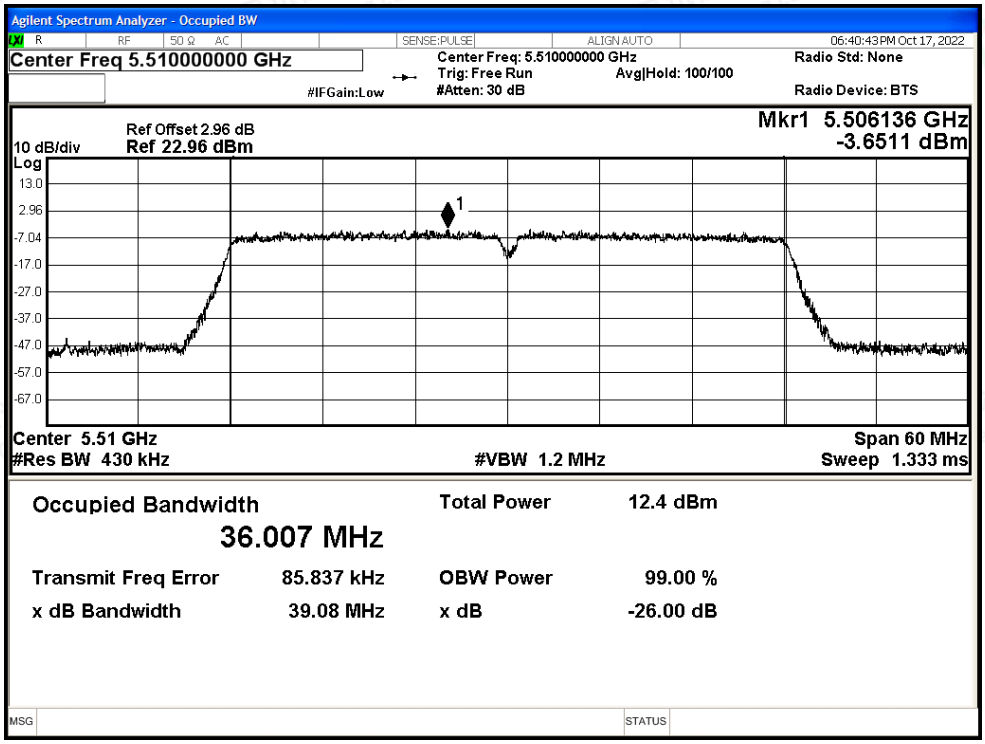
OBW NVNT n20 5580MHz Ant0



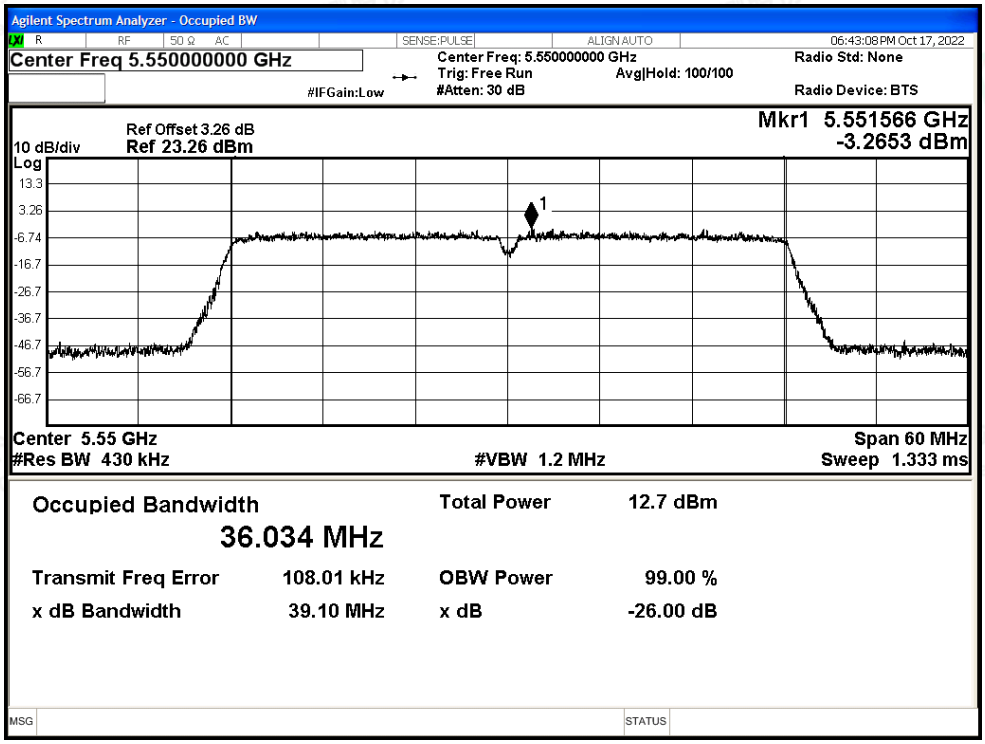
OBW NVNT n20 5700MHz Ant0



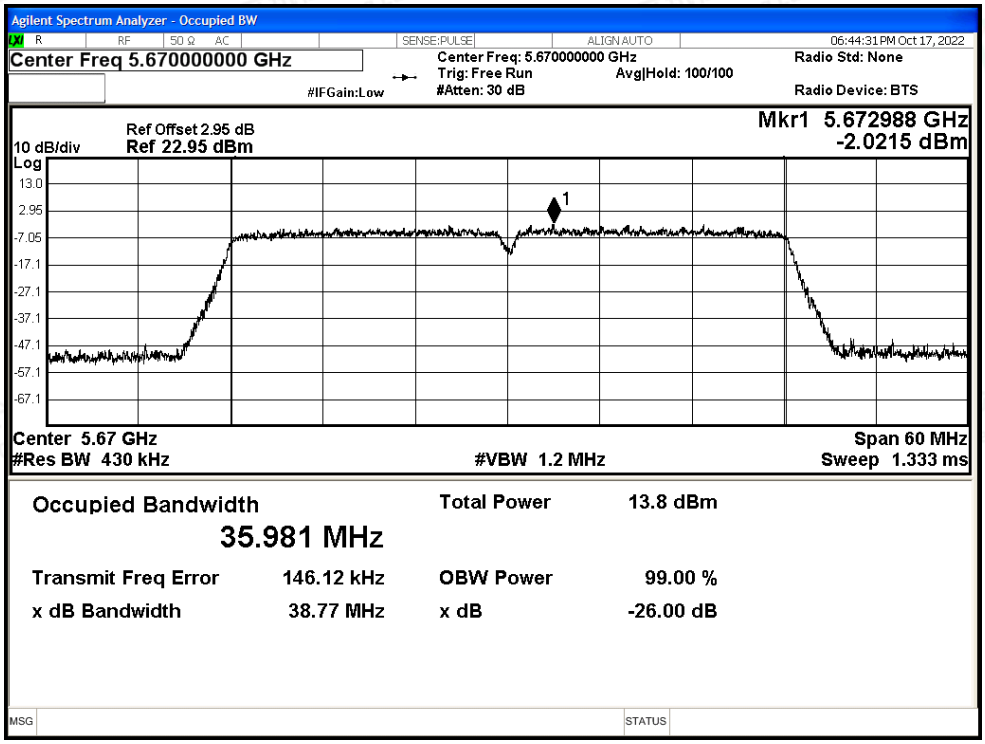
OBW NVNT n40 5510MHz Ant0



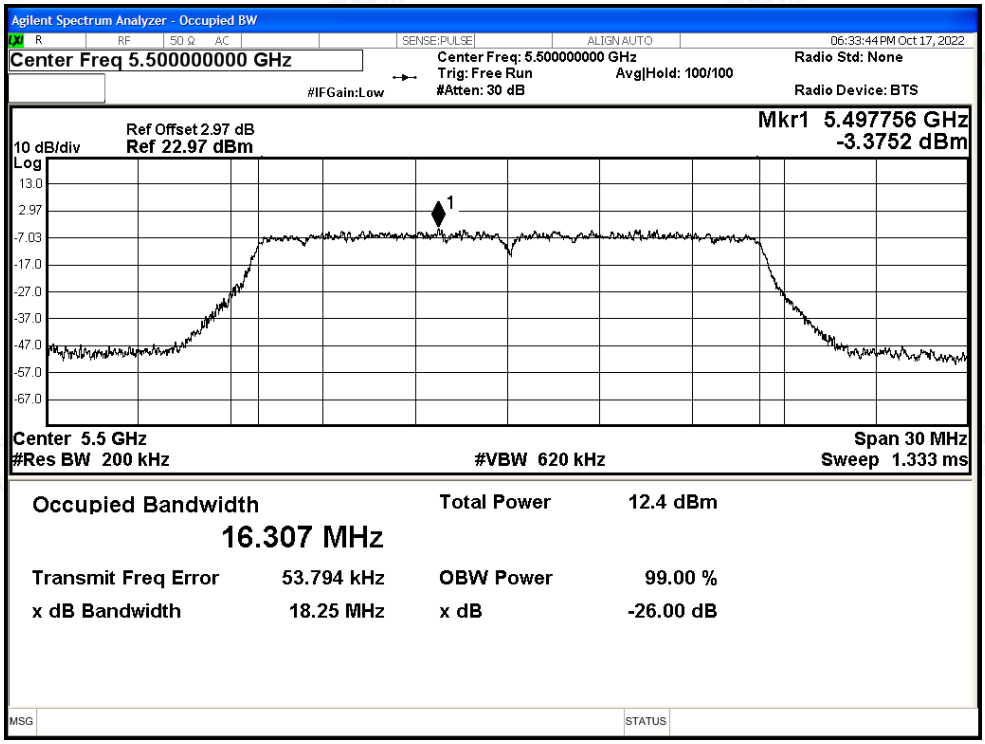
OBW NVNT n40 5550MHz Ant0



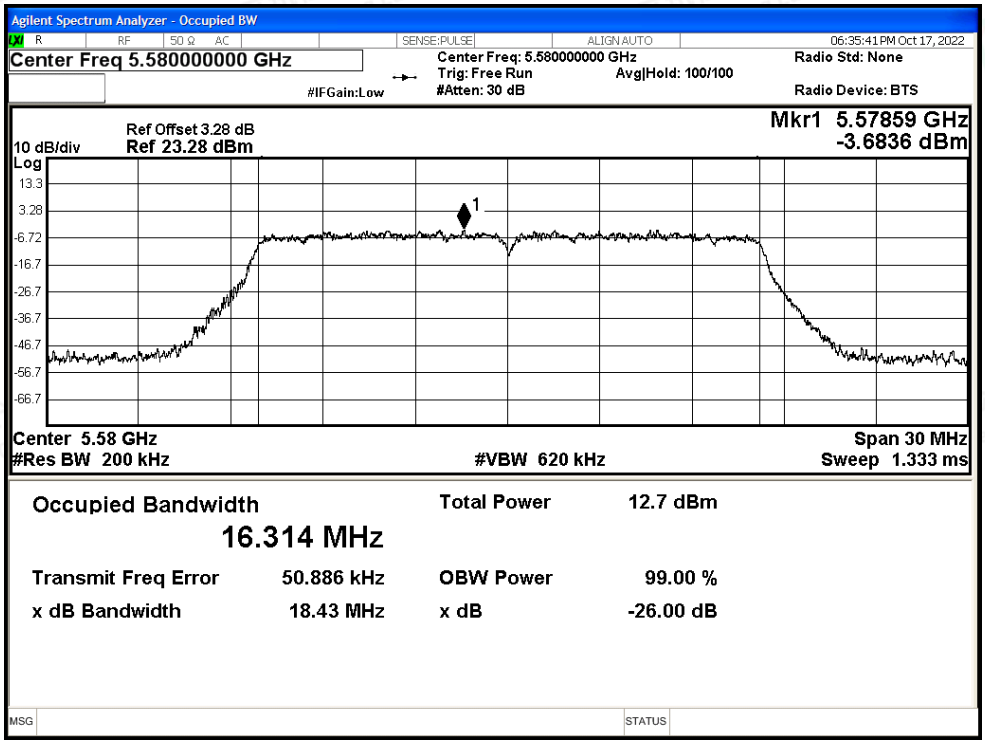
OBW NVNT n40 5670MHz Ant0



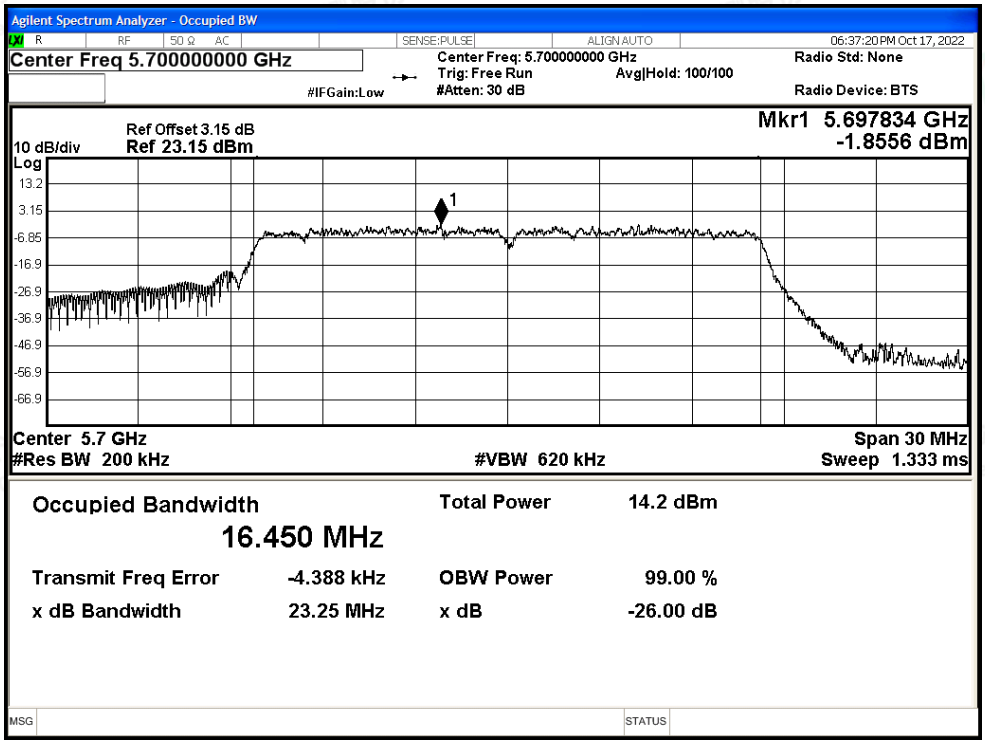
OBW NVNT ac20 5500MHz Ant0



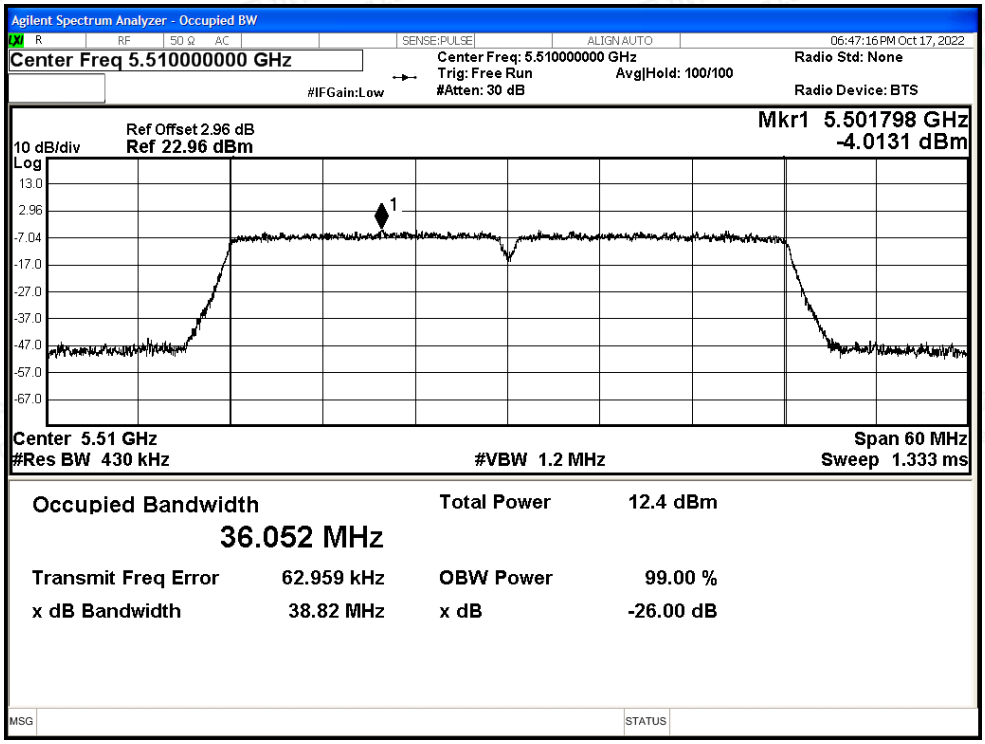
OBW NVNT ac20 5580MHz Ant0



OBW NVNT ac20 5700MHz Ant0



OBW NVNT ac40 5510MHz Ant0



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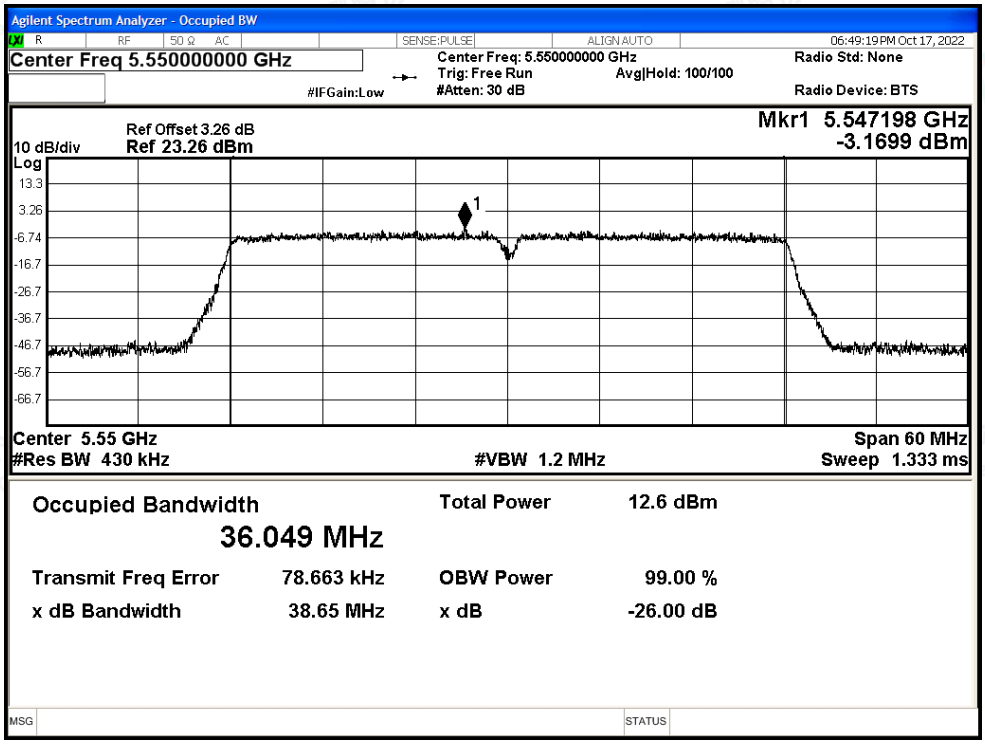
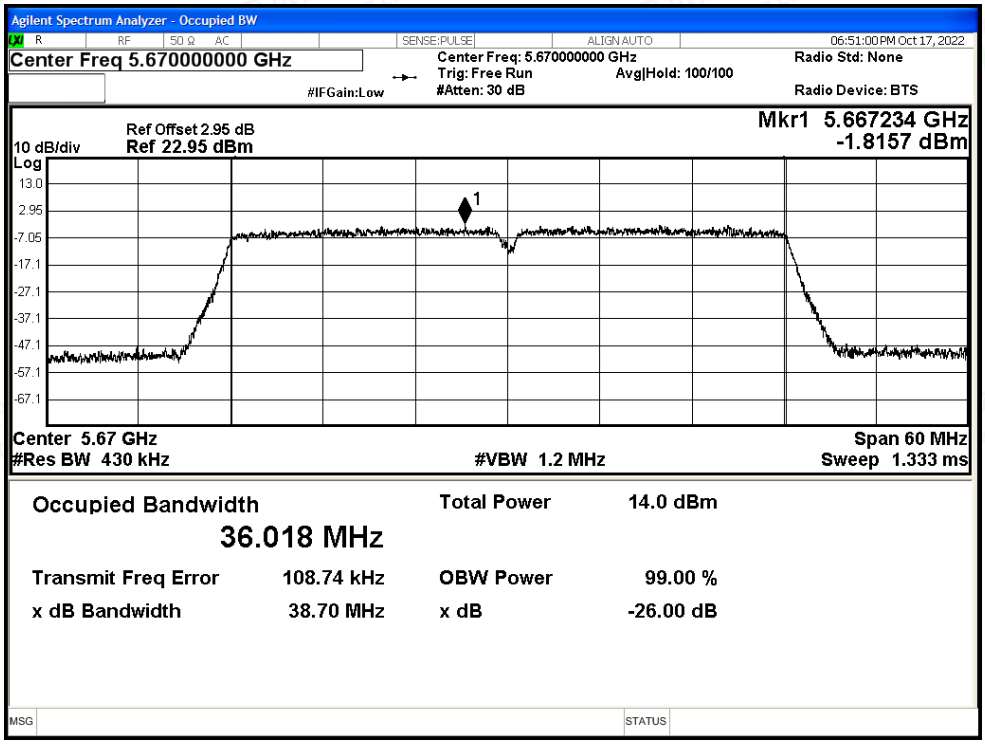
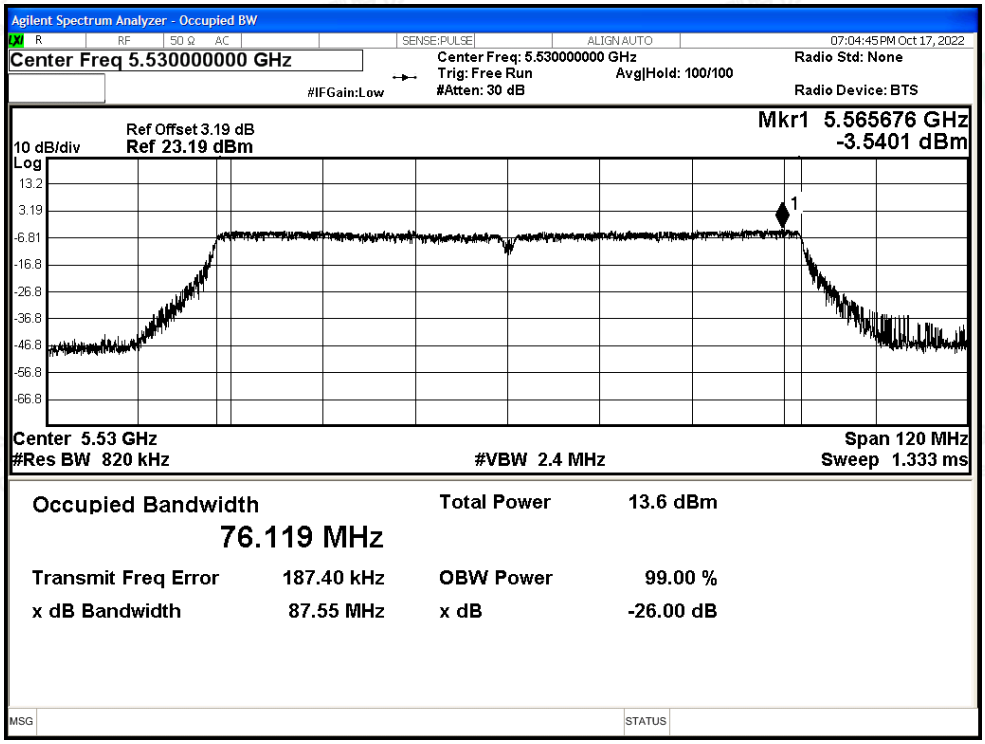


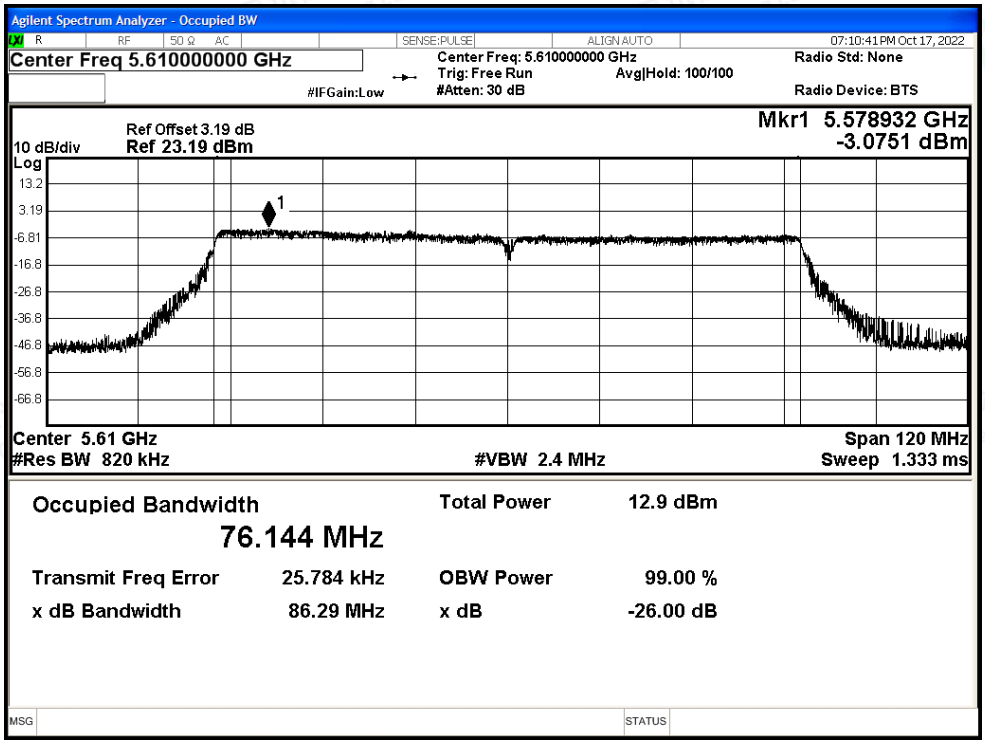
OBW NVNT ac40 5670MHz Ant0



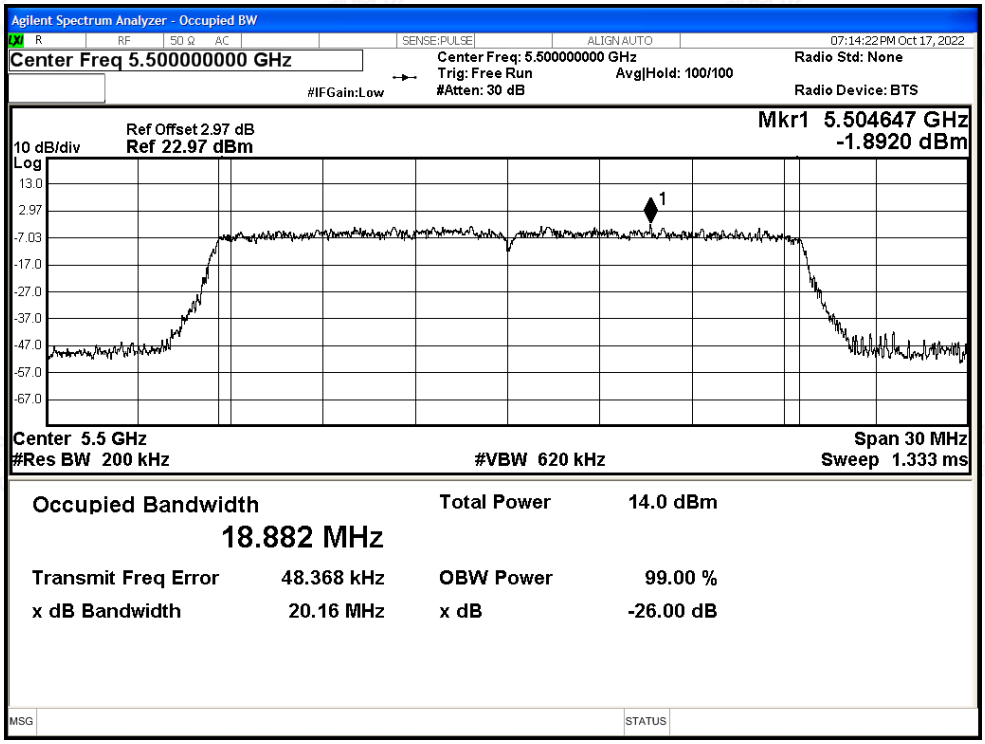
OBW NVNT ac80 5530MHz Ant0



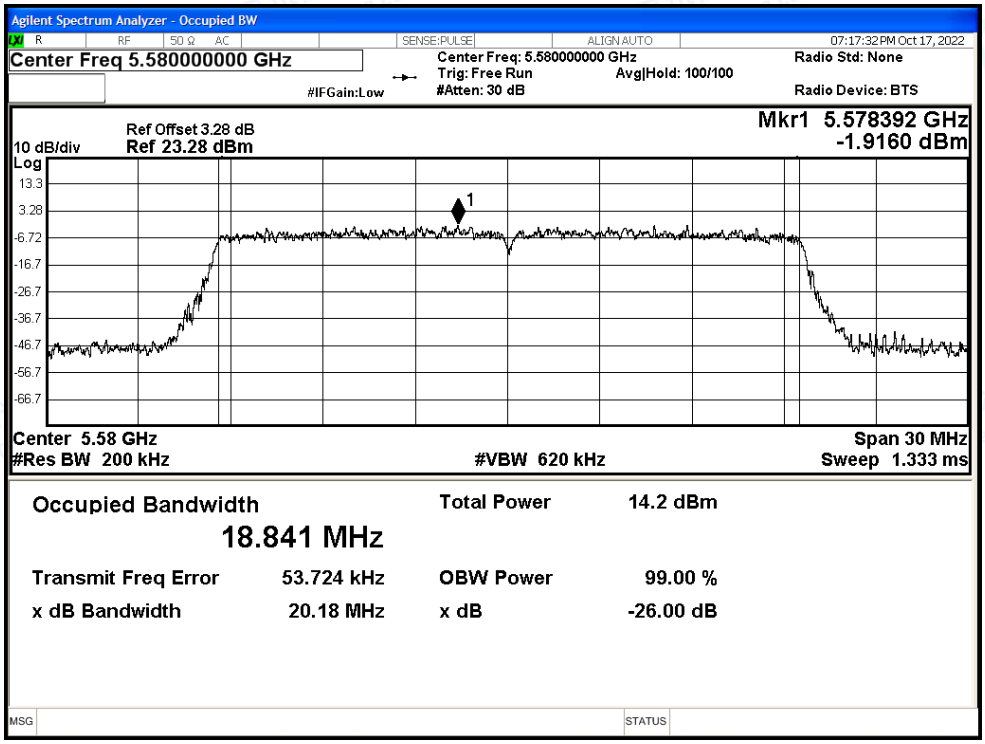
OBW NVNT ac80 5610MHz Ant0



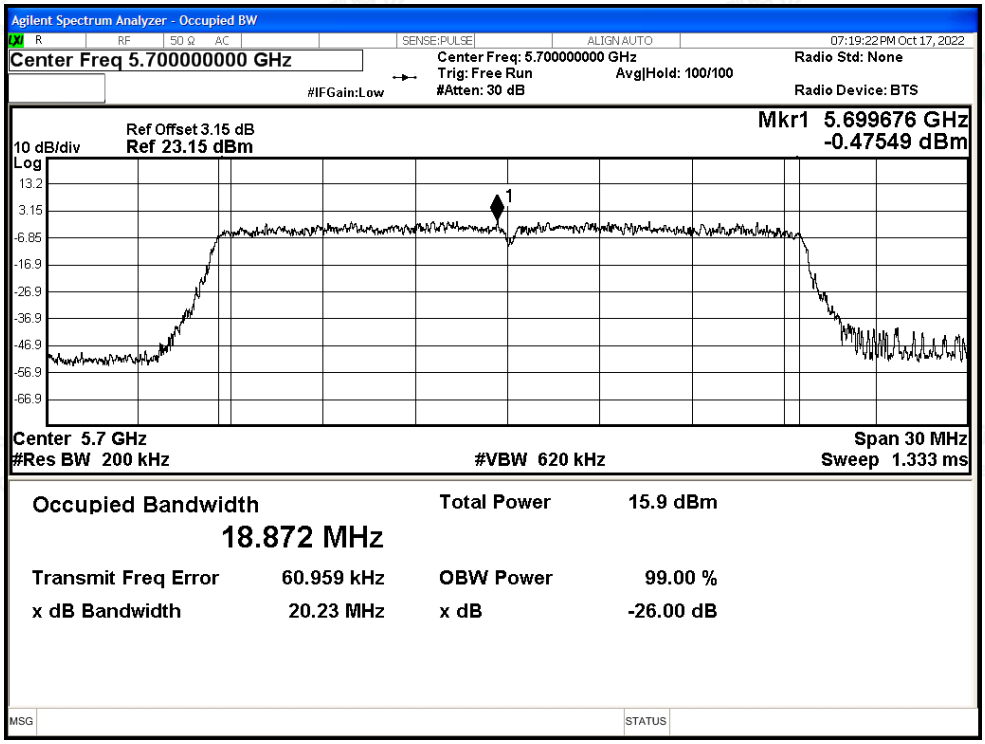
OBW NVNT ax20 5500MHz Ant0



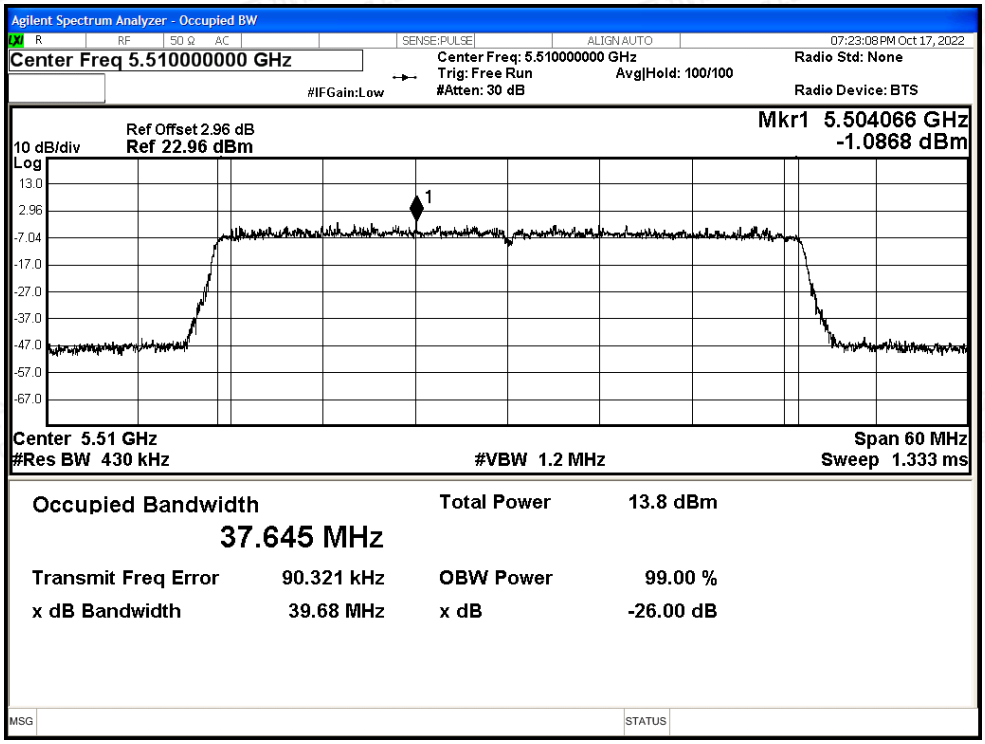
OBW NVNT ax20 5580MHz Ant0



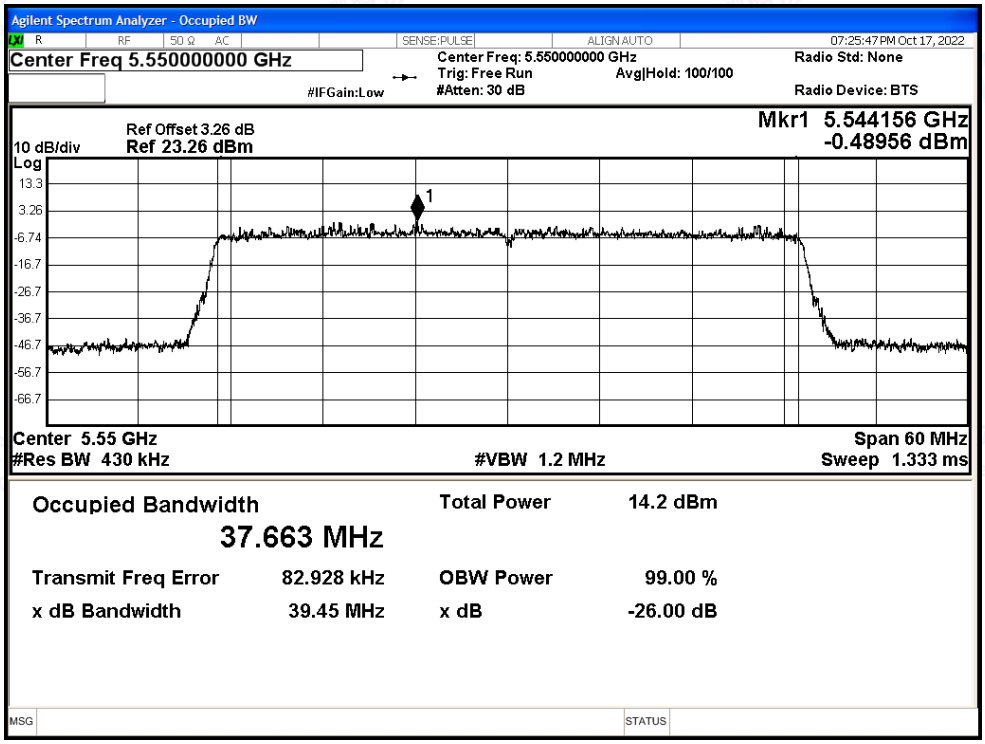
OBW NVNT ax20 5700MHz Ant0



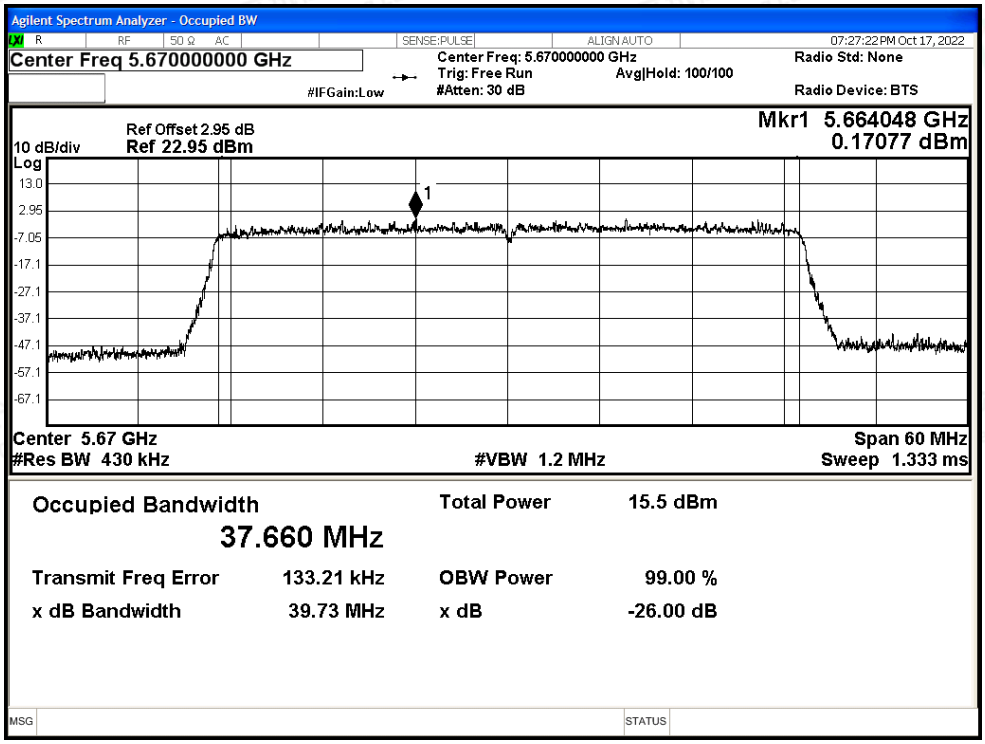
OBW NVNT ax40 5510MHz Ant0



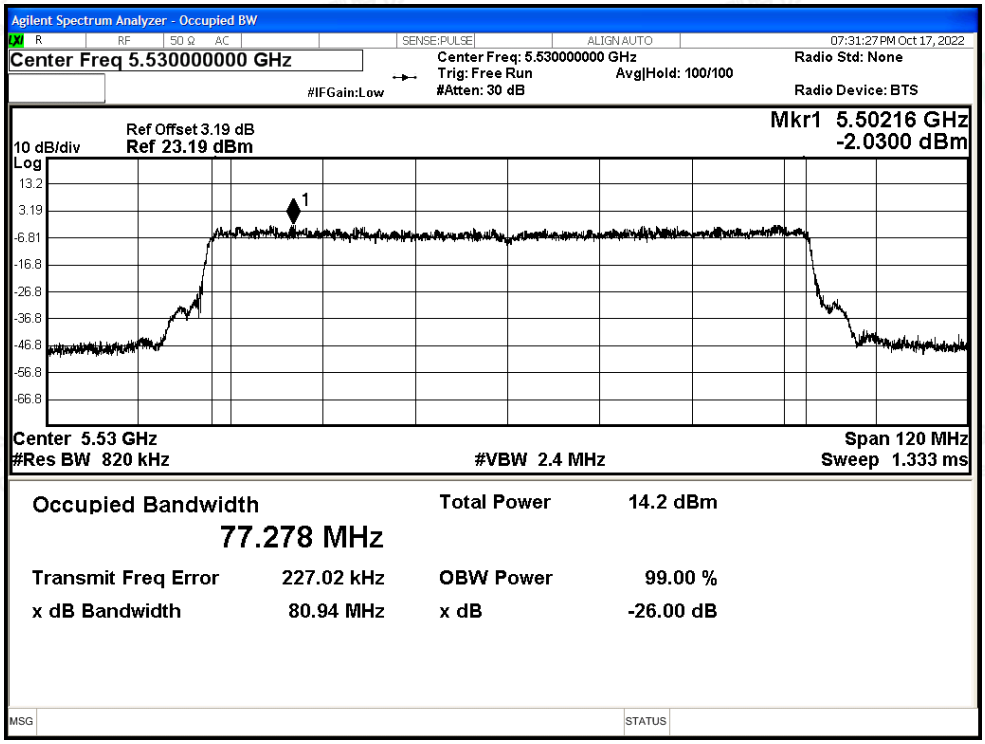
OBW NVNT ax40 5550MHz Ant0



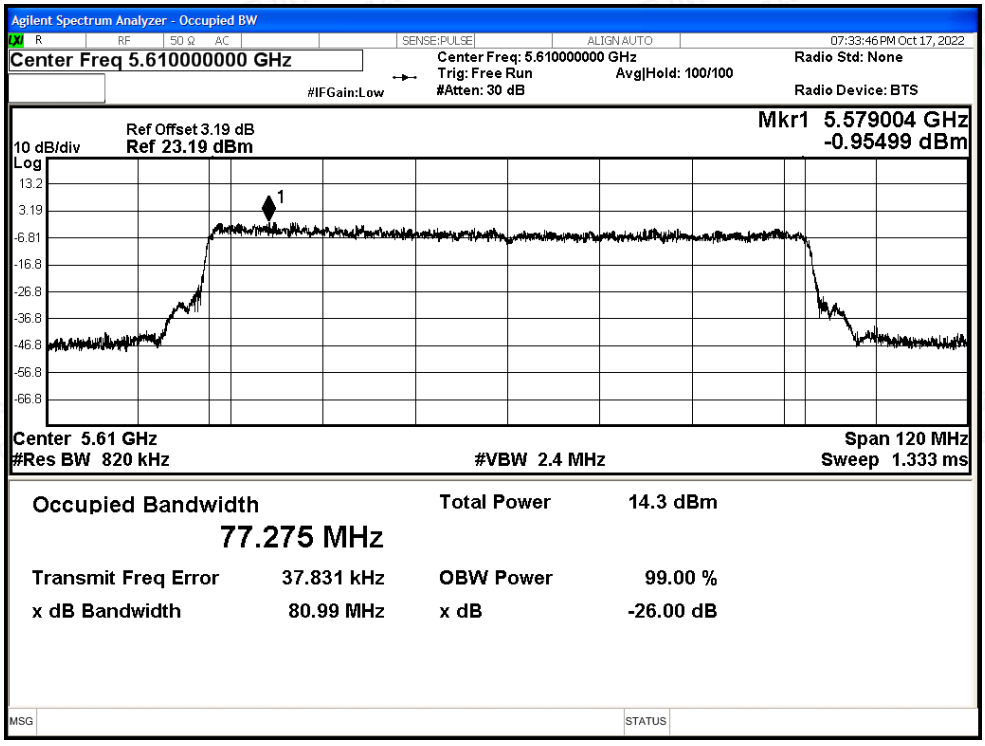
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



OBW NVNT ax80 5610MHz Ant0

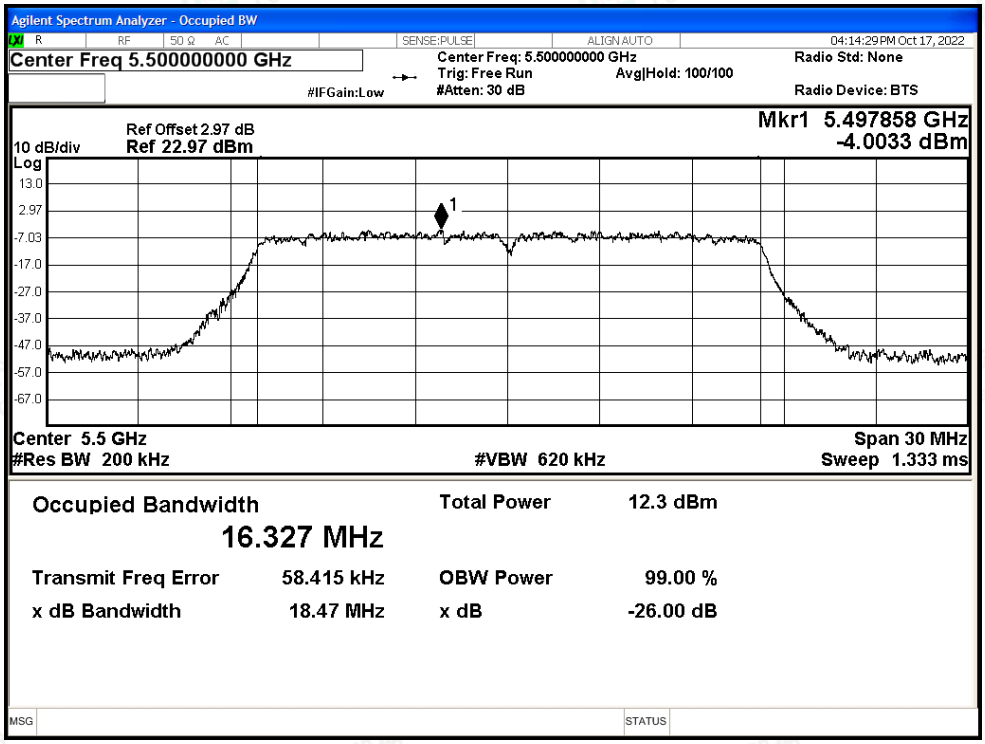


Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.327
NVNT	a	5580	Ant1	16.327
NVNT	a	5700	Ant1	16.313
NVNT	n20	5500	Ant1	16.318
NVNT	n20	5580	Ant1	16.328
NVNT	n20	5700	Ant1	16.434
NVNT	n40	5510	Ant1	35.99
NVNT	n40	5550	Ant1	36.012
NVNT	n40	5670	Ant1	35.992
NVNT	ac20	5500	Ant1	16.311
NVNT	ac20	5580	Ant1	16.312
NVNT	ac20	5700	Ant1	16.313
NVNT	ac40	5510	Ant1	36.049
NVNT	ac40	5550	Ant1	36.064
NVNT	ac40	5670	Ant1	36.019
NVNT	ac80	5530	Ant1	76.099
NVNT	ac80	5610	Ant1	76.124
NVNT	ax20	5500	Ant1	18.881
NVNT	ax20	5580	Ant1	18.884
NVNT	ax20	5700	Ant1	18.873

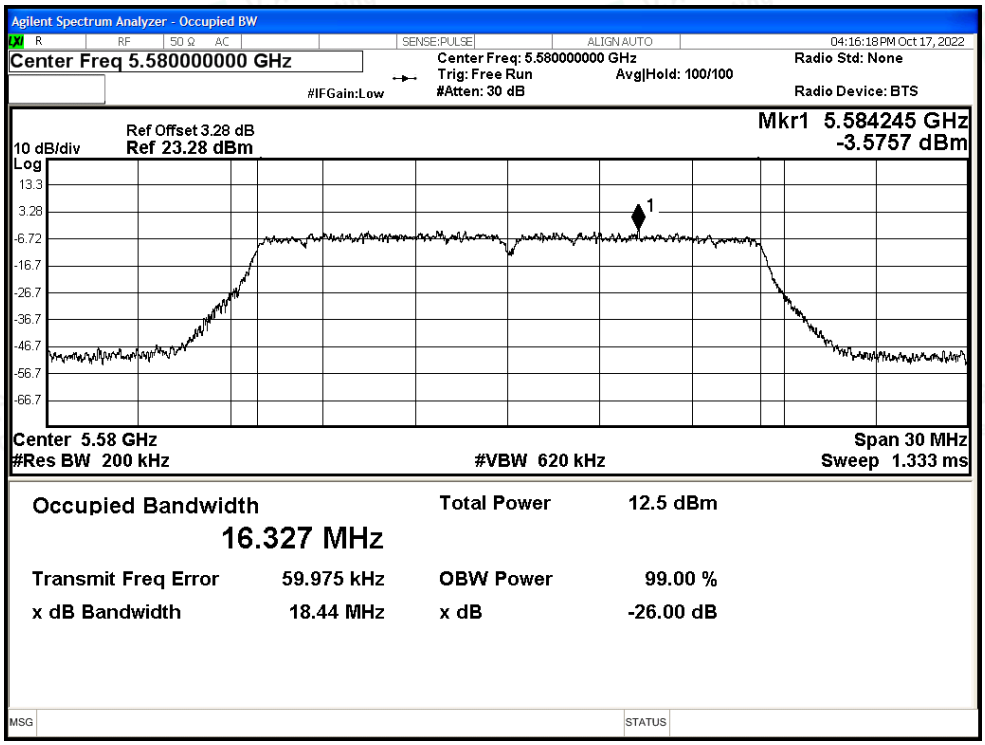
NVNT	ax40	5510	Ant1	37.637
NVNT	ax40	5550	Ant1	37.623
NVNT	ax40	5670	Ant1	37.626
NVNT	ax80	5530	Ant1	77.194
NVNT	ax80	5610	Ant1	77.183

Test Graphs

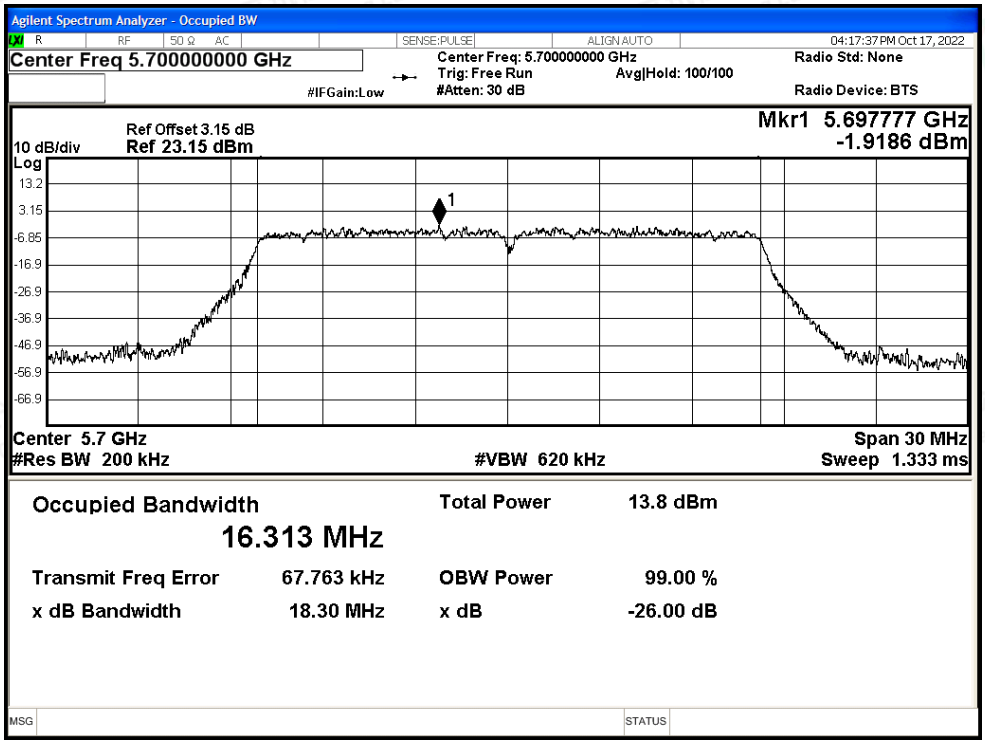
OBW NVNT a 5500MHz Ant1



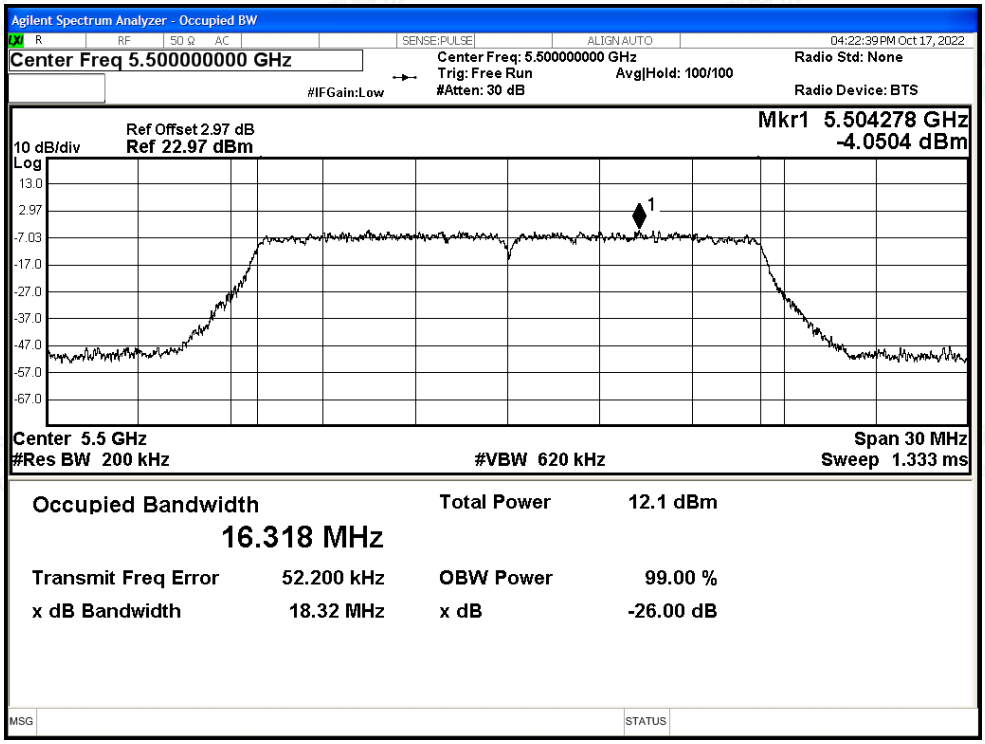
OBW NVNT a 5580MHz Ant1



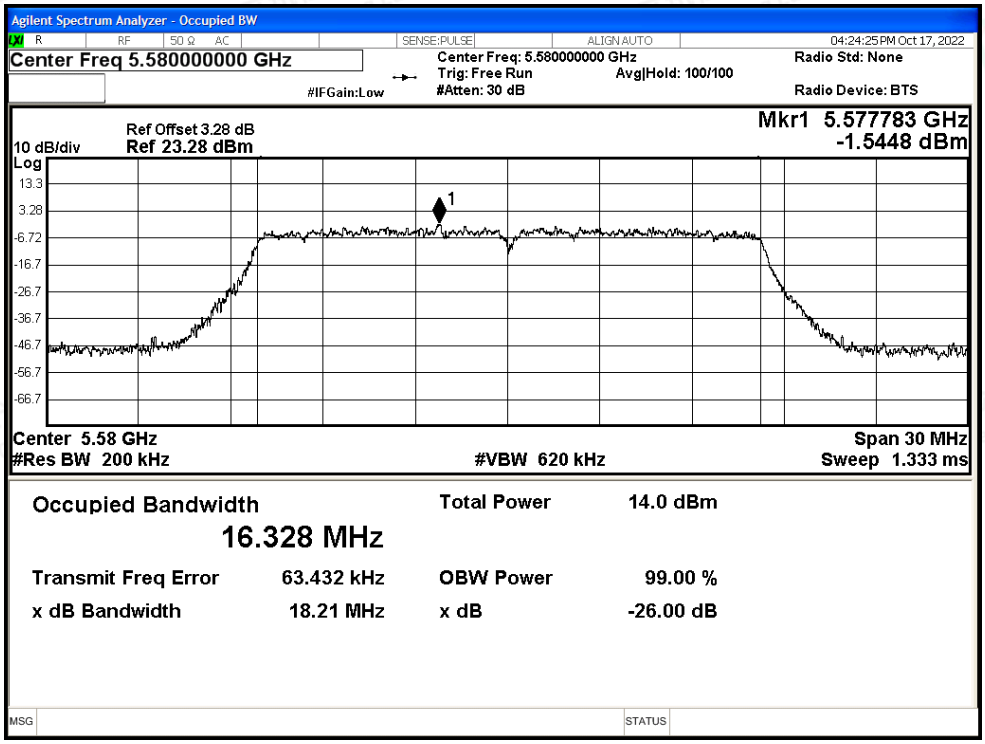
OBW NVNT a 5700MHz Ant1



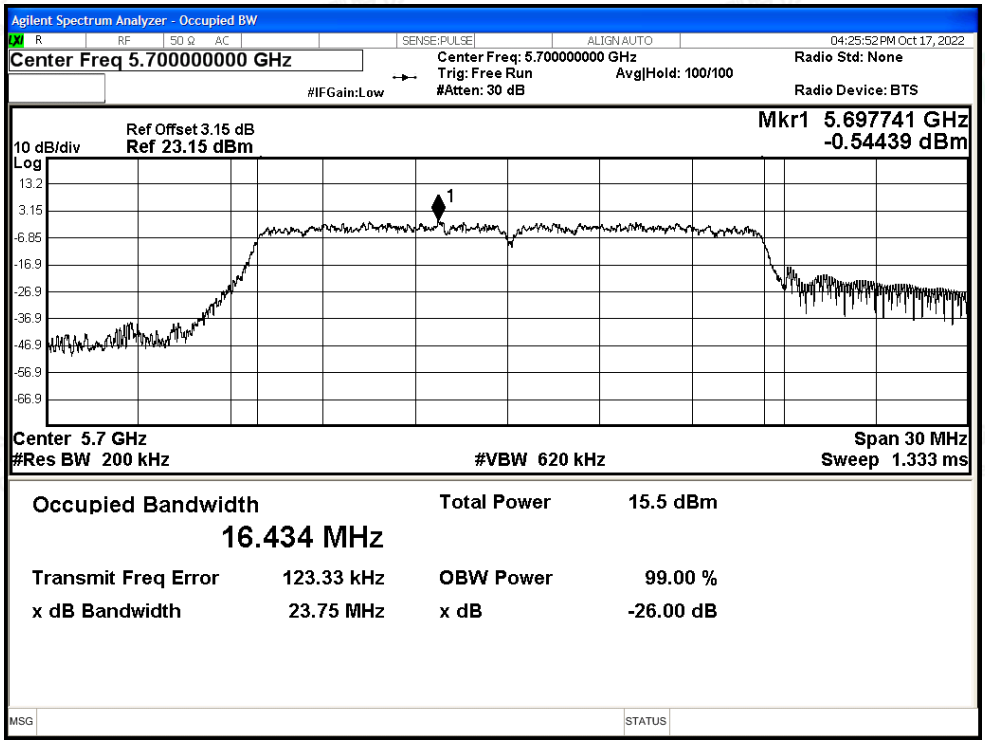
OBW NVNT n20 5500MHz Ant1



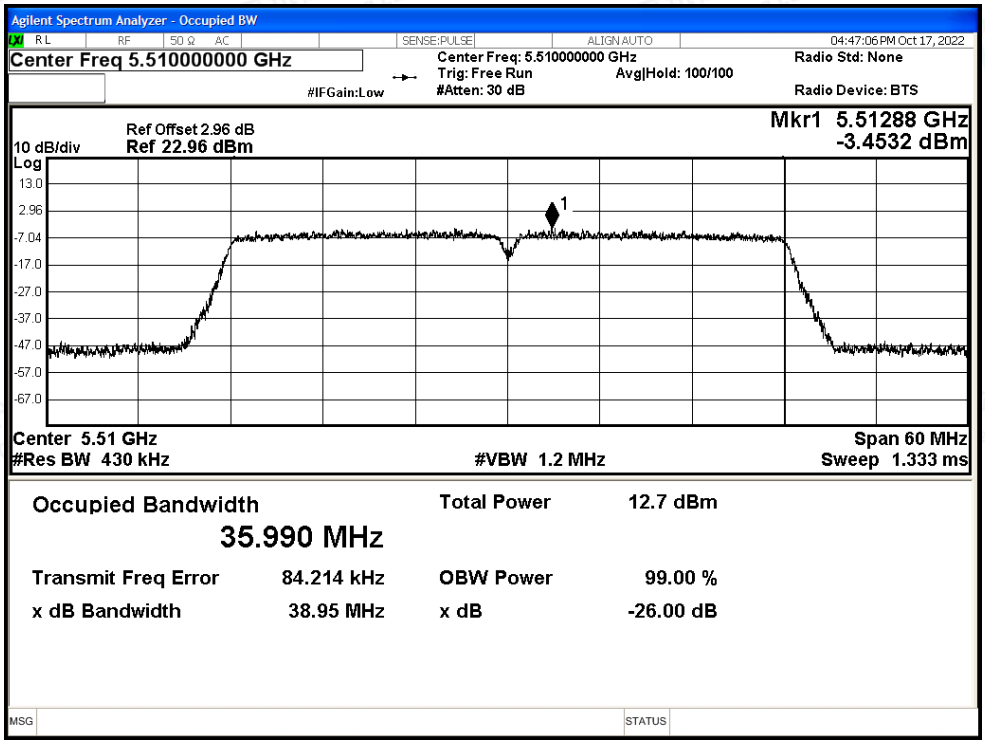
OBW NVNT n20 5580MHz Ant1



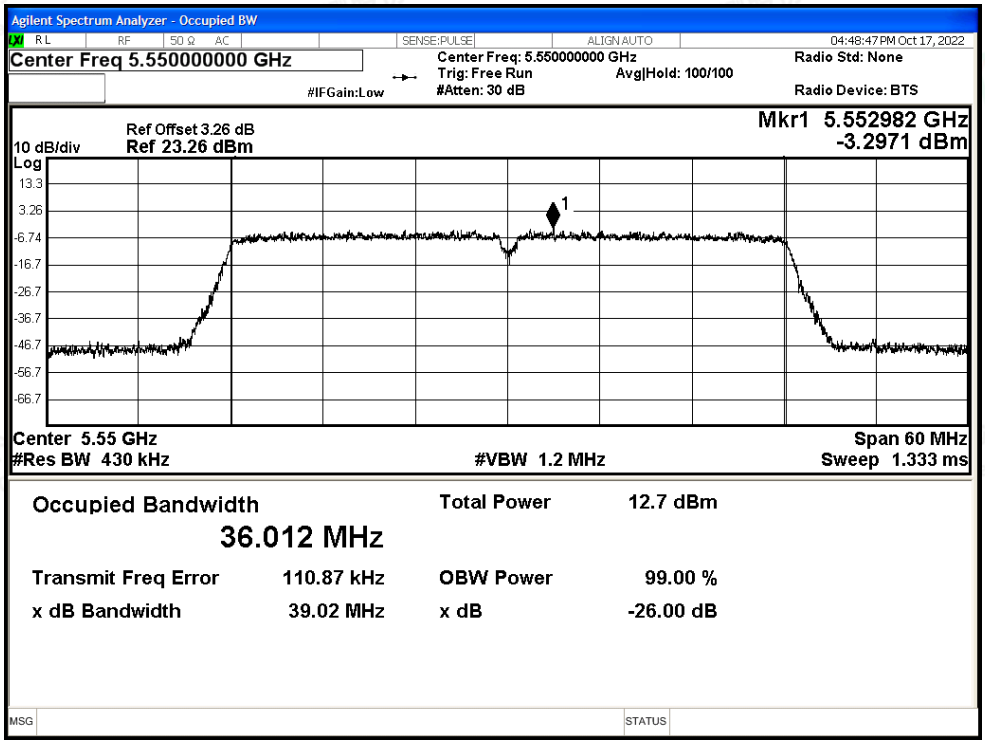
OBW NVNT n20 5700MHz Ant1



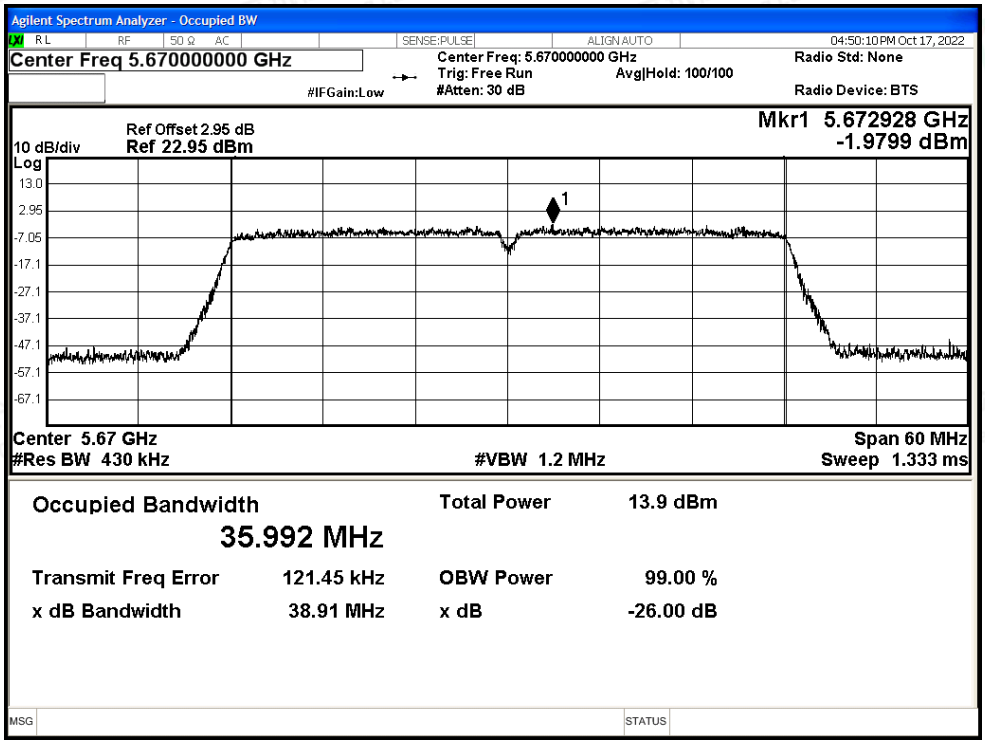
OBW NVNT n40 5510MHz Ant1



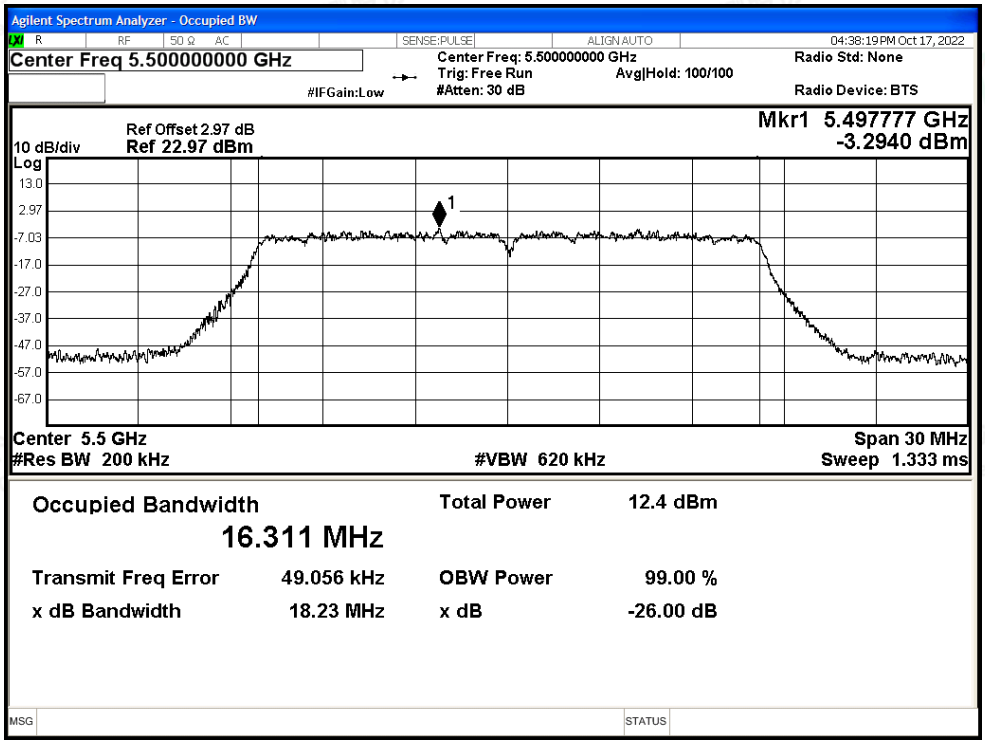
OBW NVNT n40 5550MHz Ant1



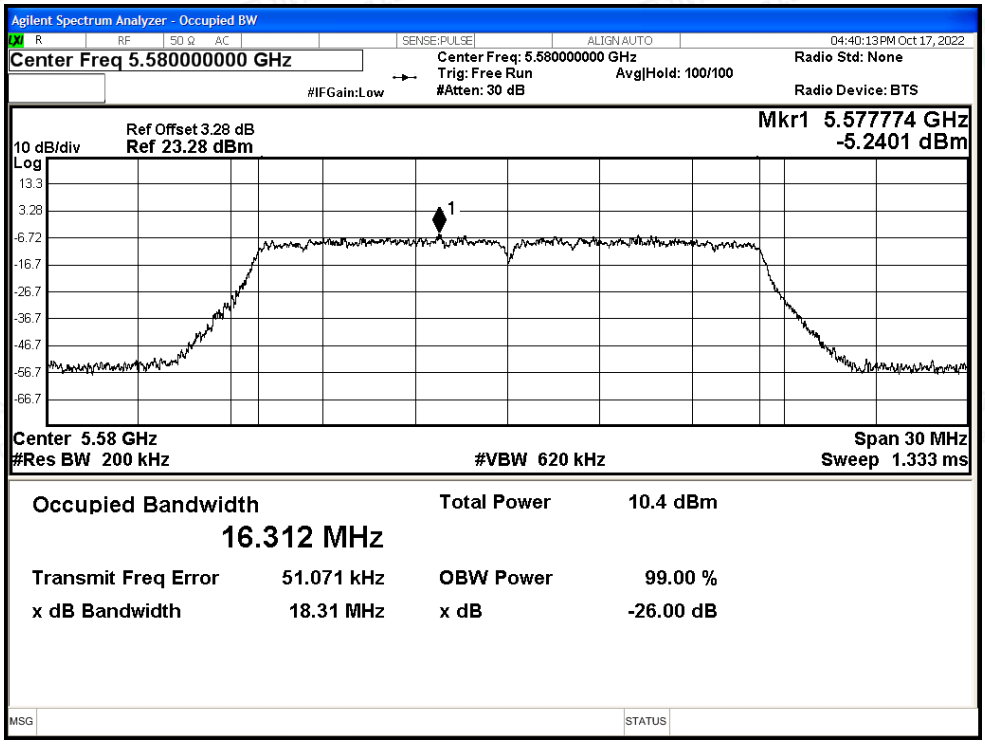
OBW NVNT n40 5670MHz Ant1



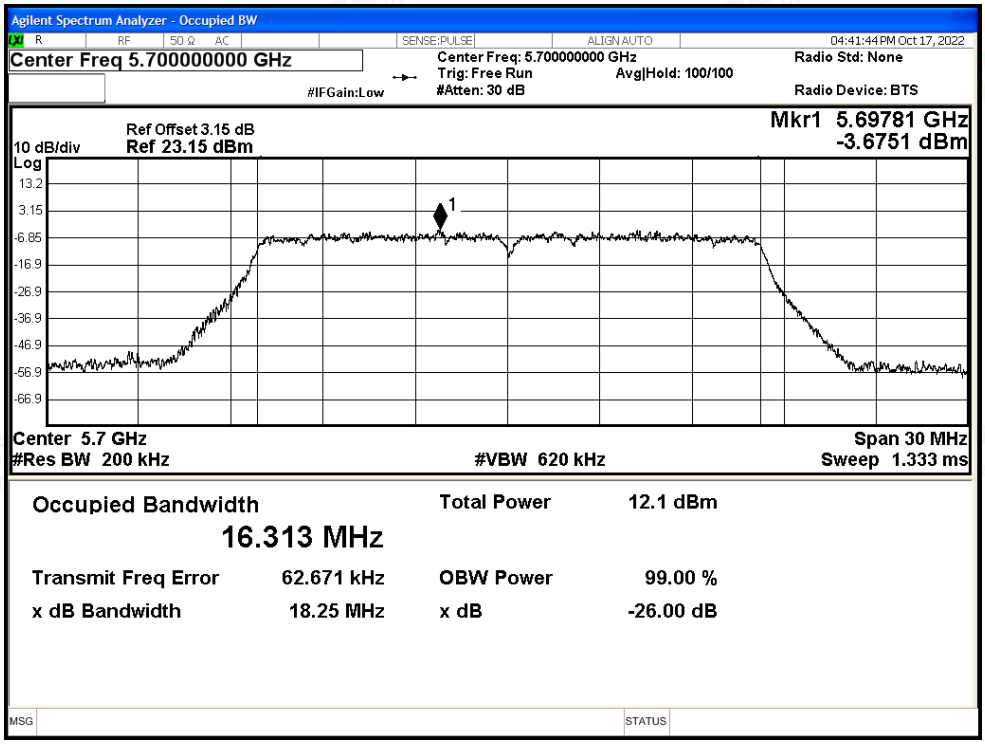
OBW NVNT ac20 5500MHz Ant1



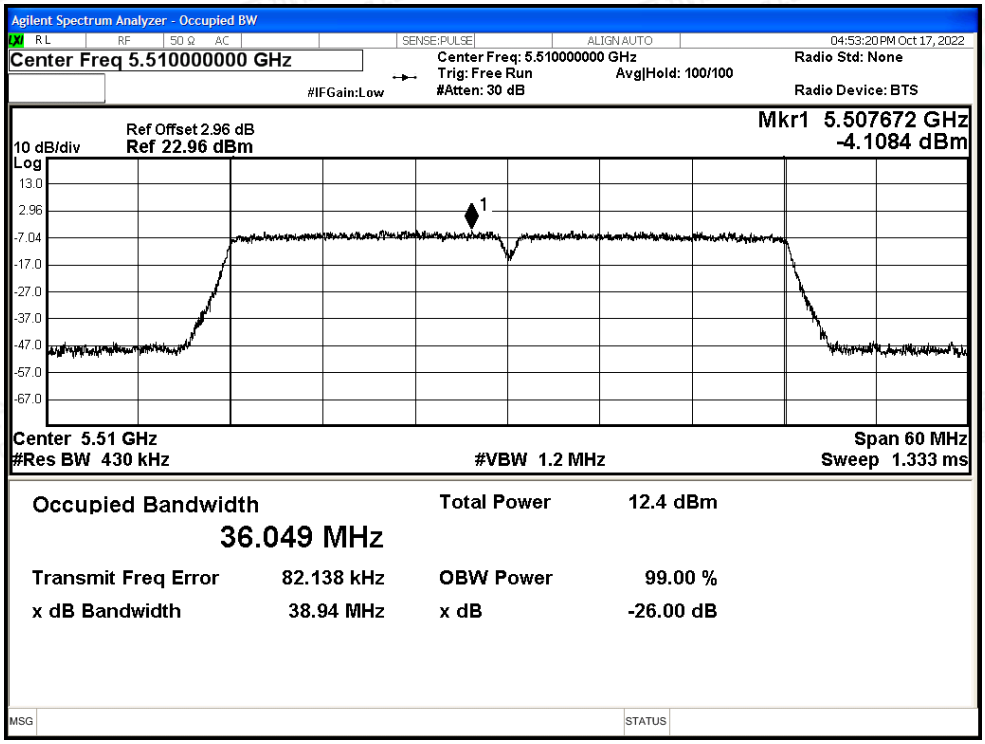
OBW NVNT ac20 5580MHz Ant1



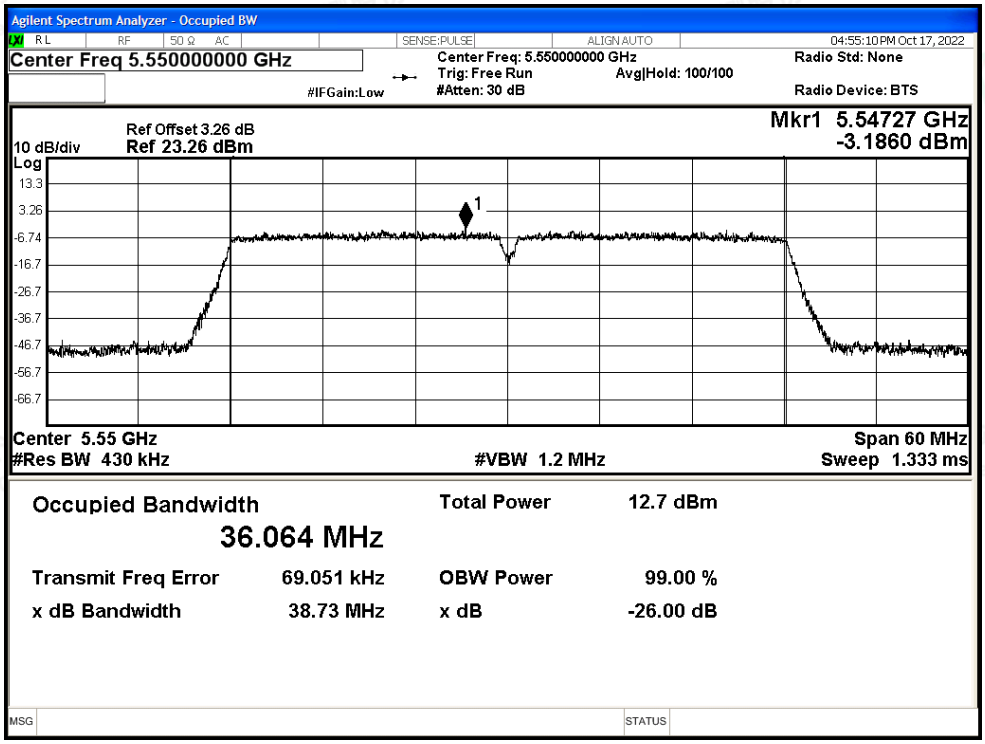
OBW NVNT ac20 5700MHz Ant1



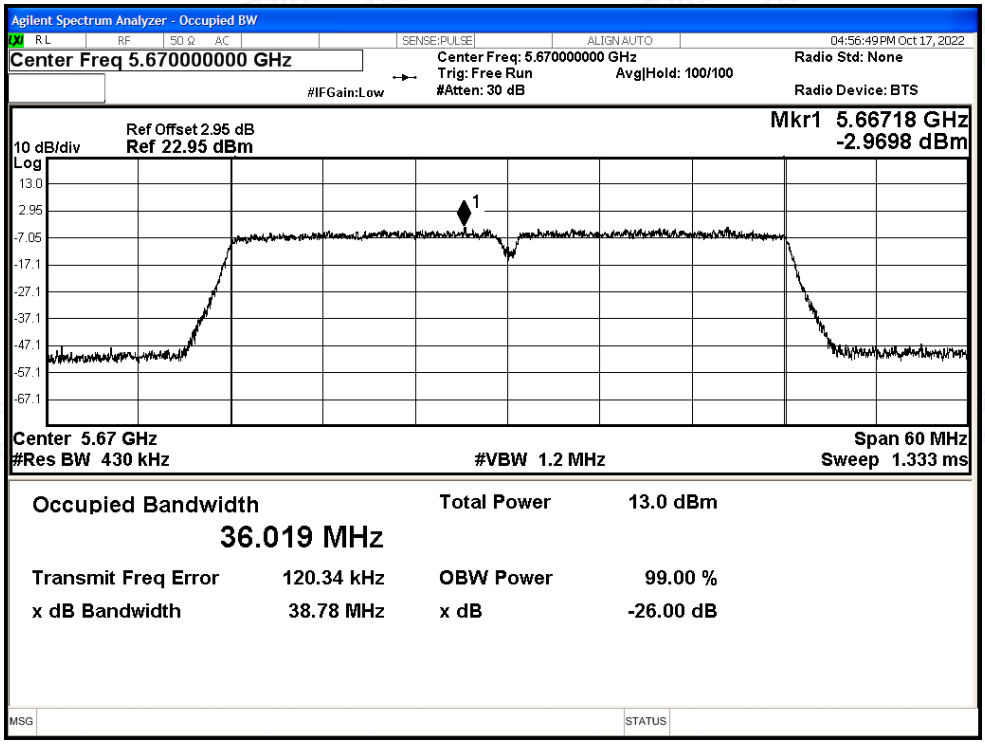
OBW NVNT ac40 5510MHz Ant1



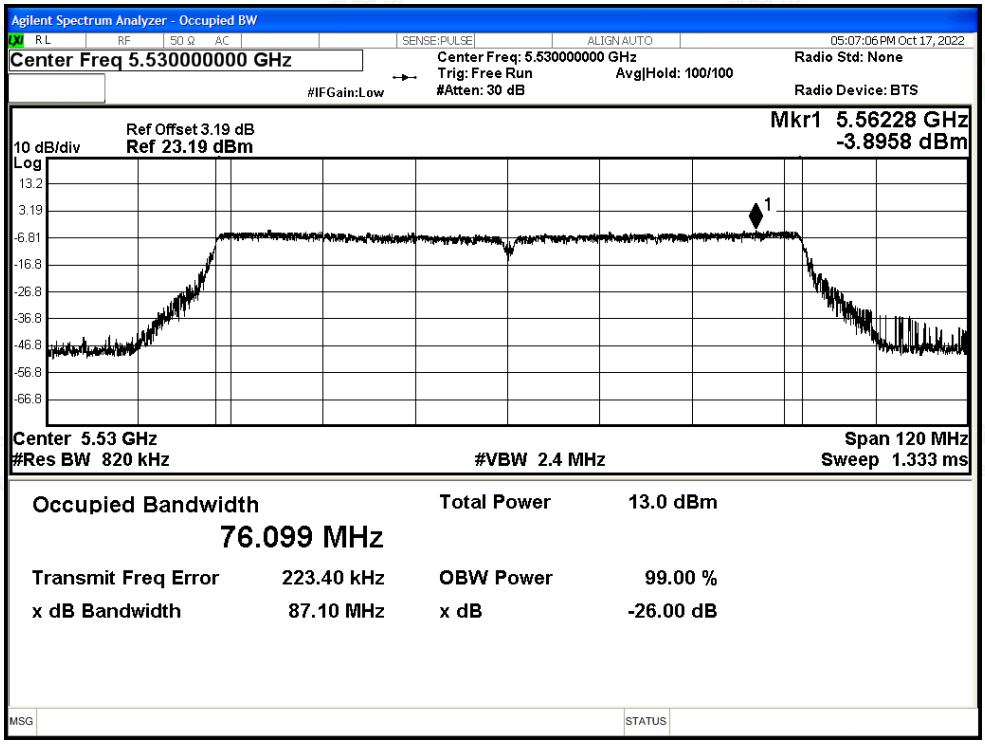
OBW NVNT ac40 5550MHz Ant1



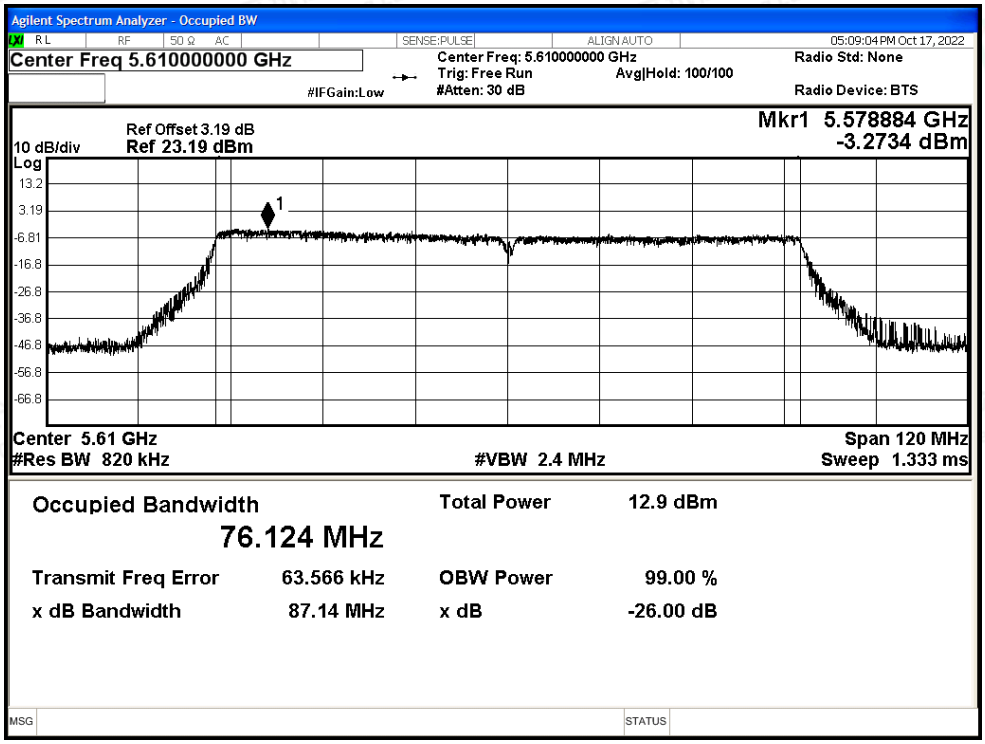
OBW NVNT ac40 5670MHz Ant1



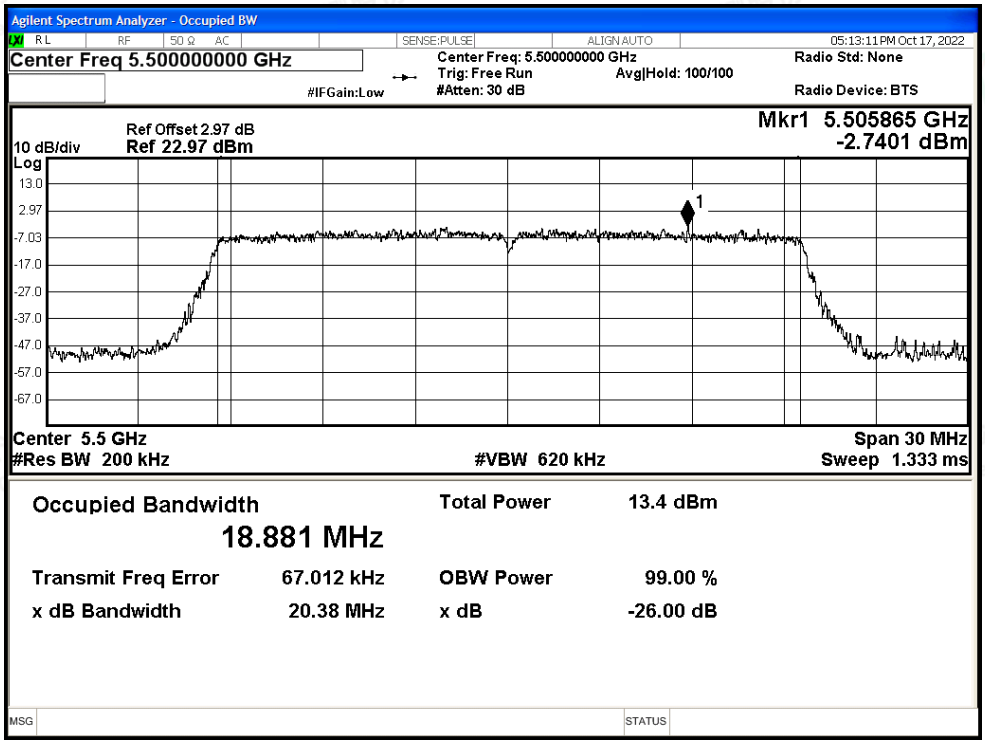
OBW NVNT ac80 5530MHz Ant1



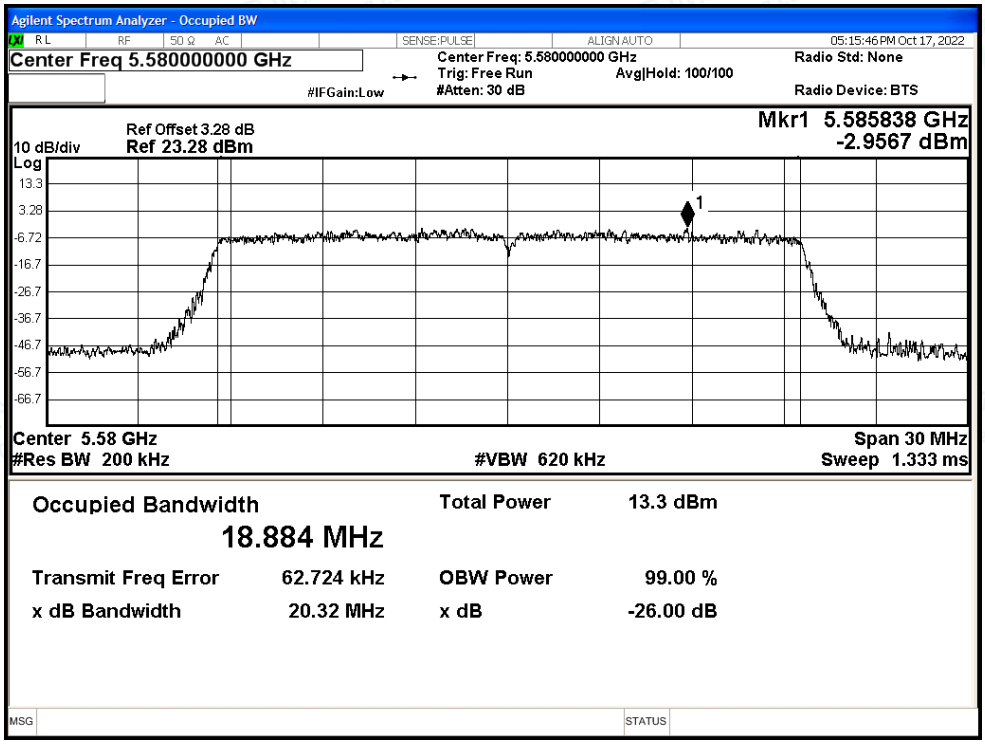
OBW NVNT ac80 5610MHz Ant1



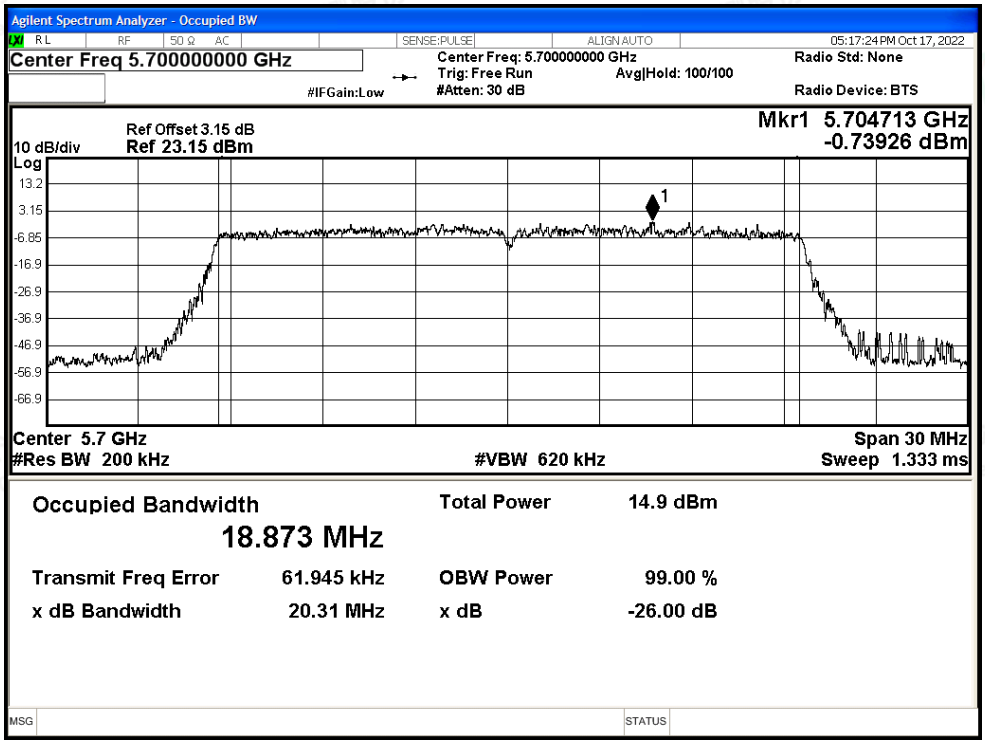
OBW NVNT ax20 5500MHz Ant1



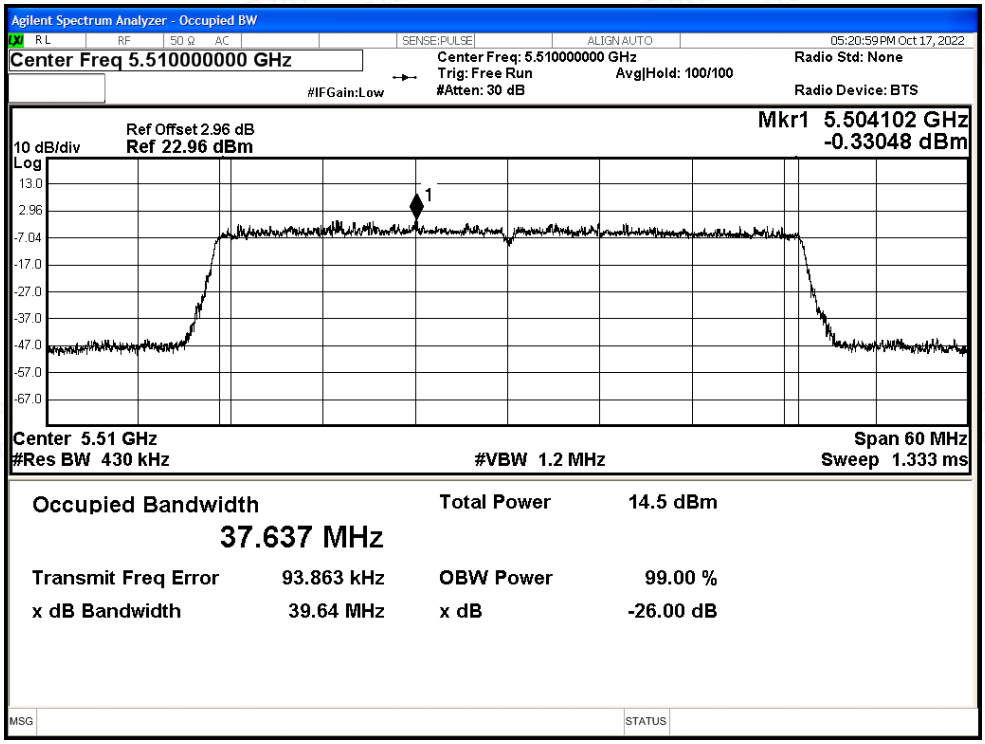
OBW NVNT ax20 5580MHz Ant1



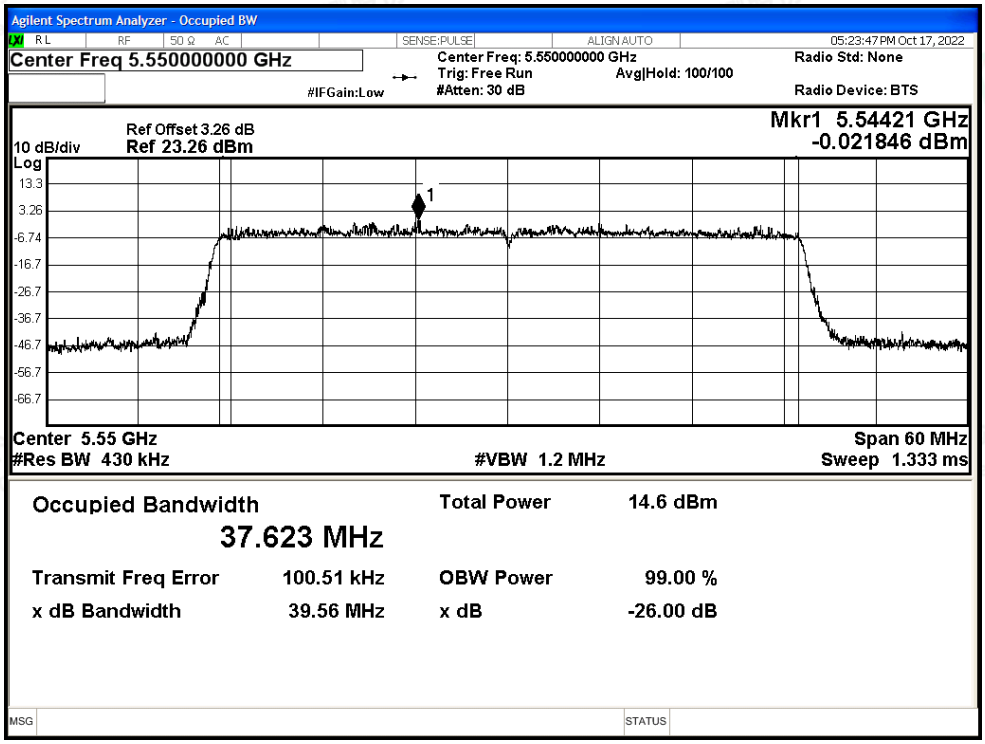
OBW NVNT ax20 5700MHz Ant1



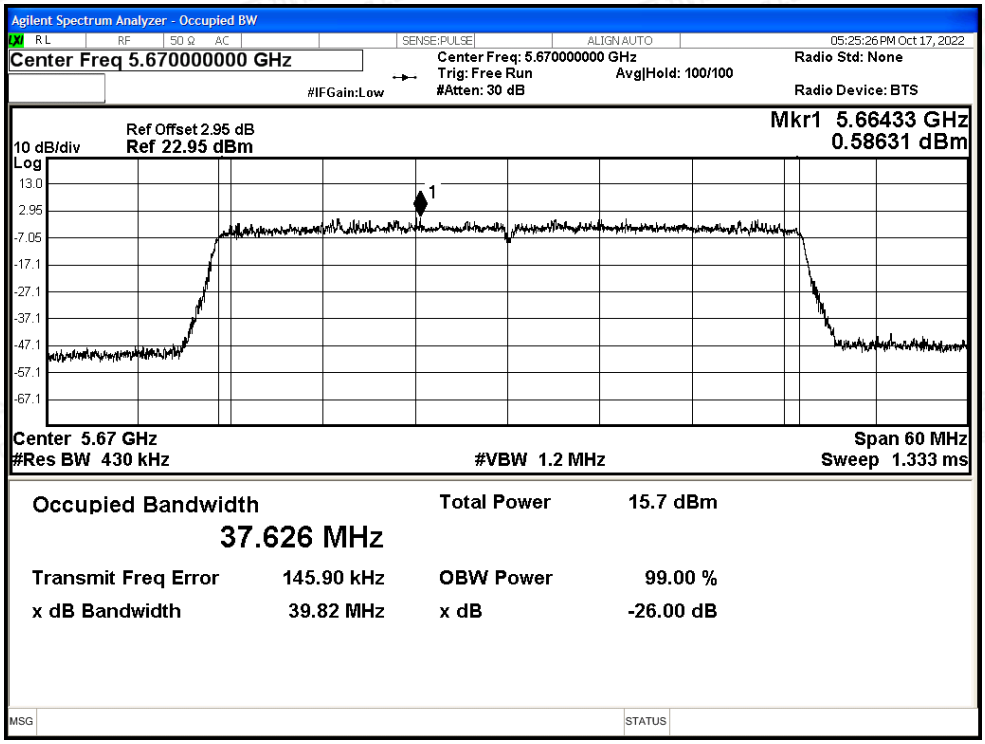
OBW NVNT ax40 5510MHz Ant1



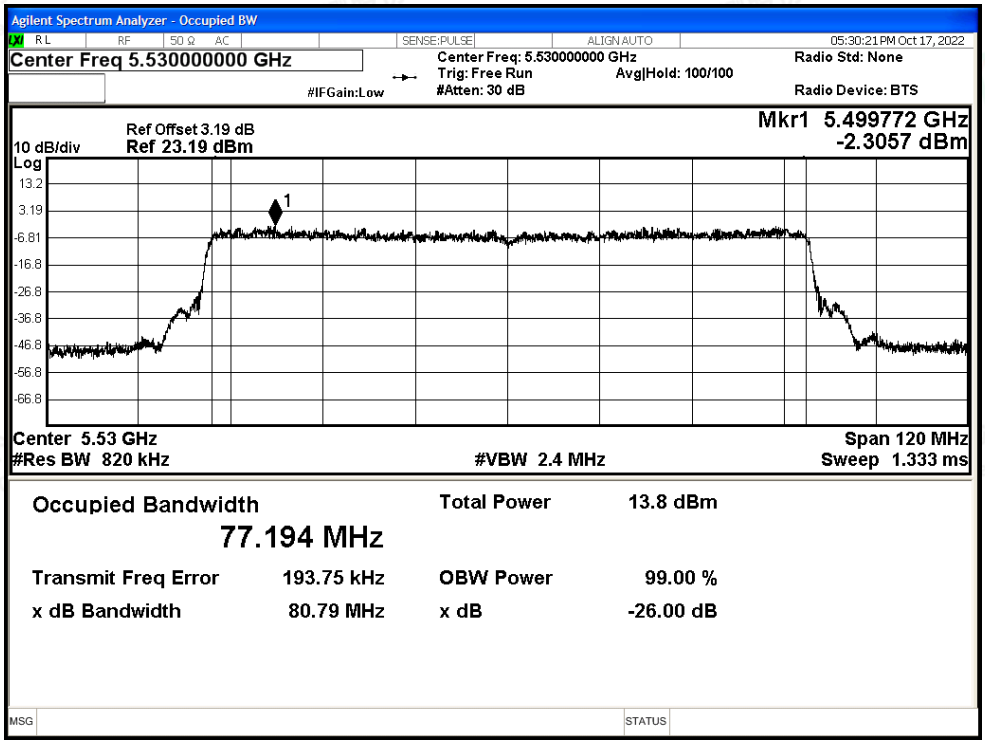
OBW NVNT ax40 5550MHz Ant1



OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1

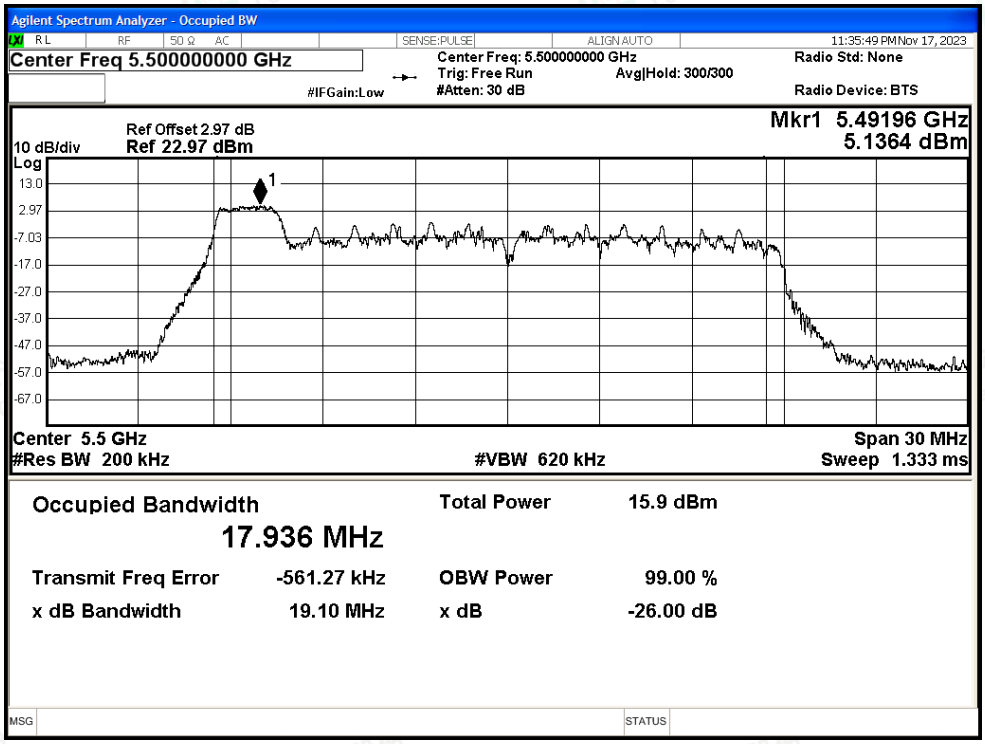


802.11ax OFDMA-(26 Tone)

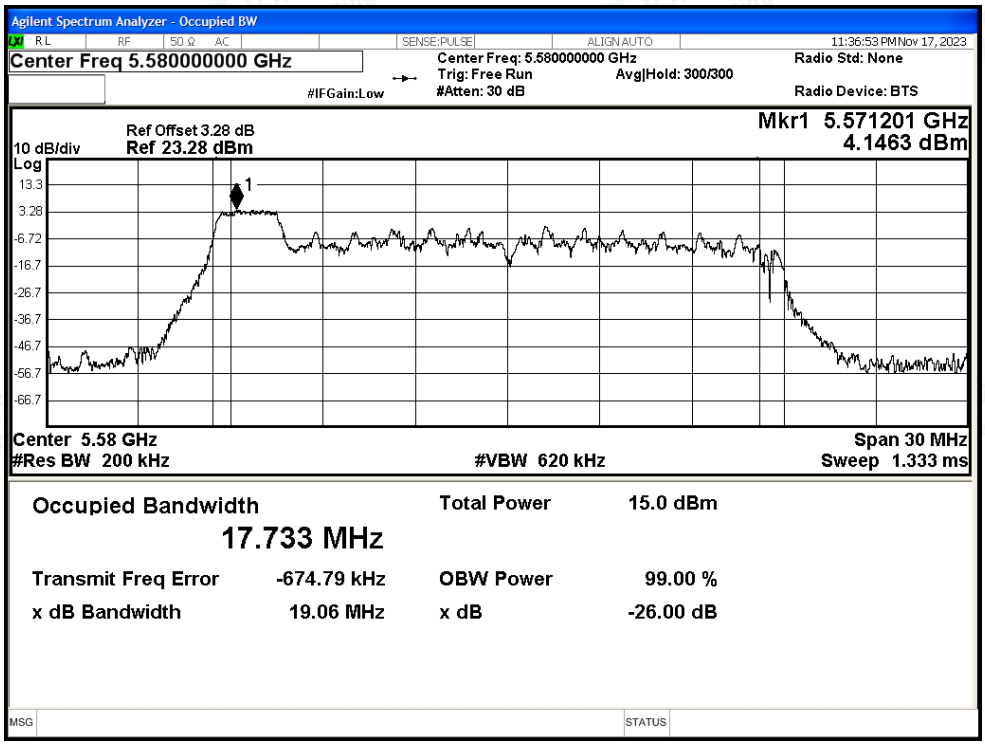
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant0	17.936
NVNT	ax20	5580	Ant0	17.733
NVNT	ax20	5700	Ant0	17.986
NVNT	ax40	5510	Ant0	17.799
NVNT	ax40	5550	Ant0	17.779
NVNT	ax40	5670	Ant0	17.747
NVNT	ax80	5530	Ant0	17.327
NVNT	ax80	5610	Ant0	16.92

Test Graphs

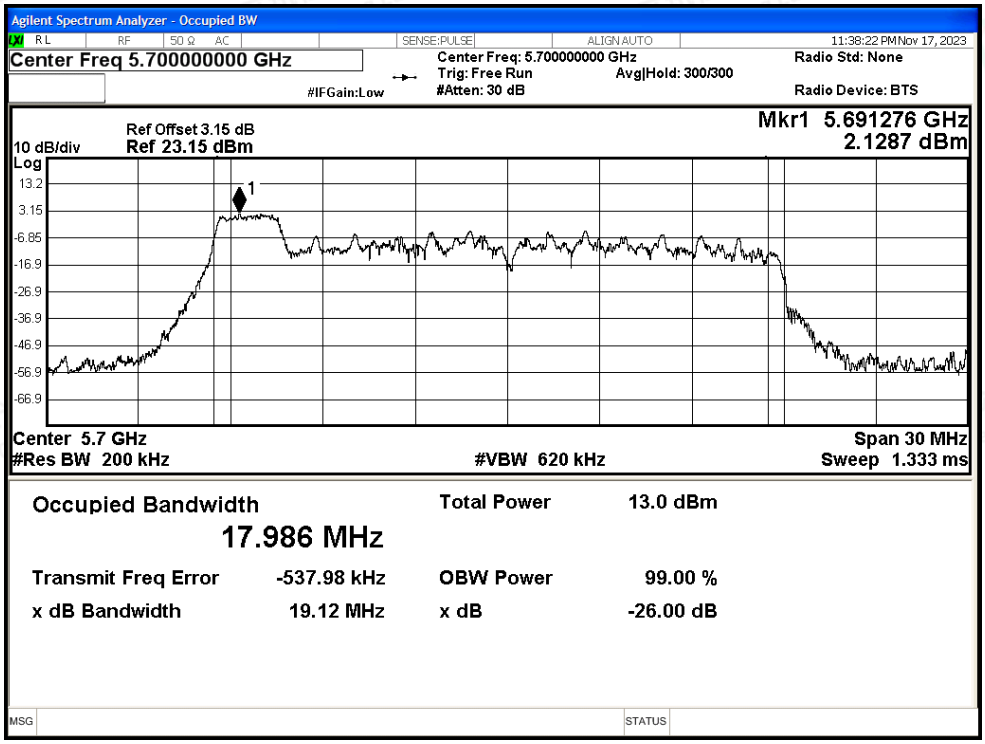
OBW NVNT ax20 5500MHz Ant0



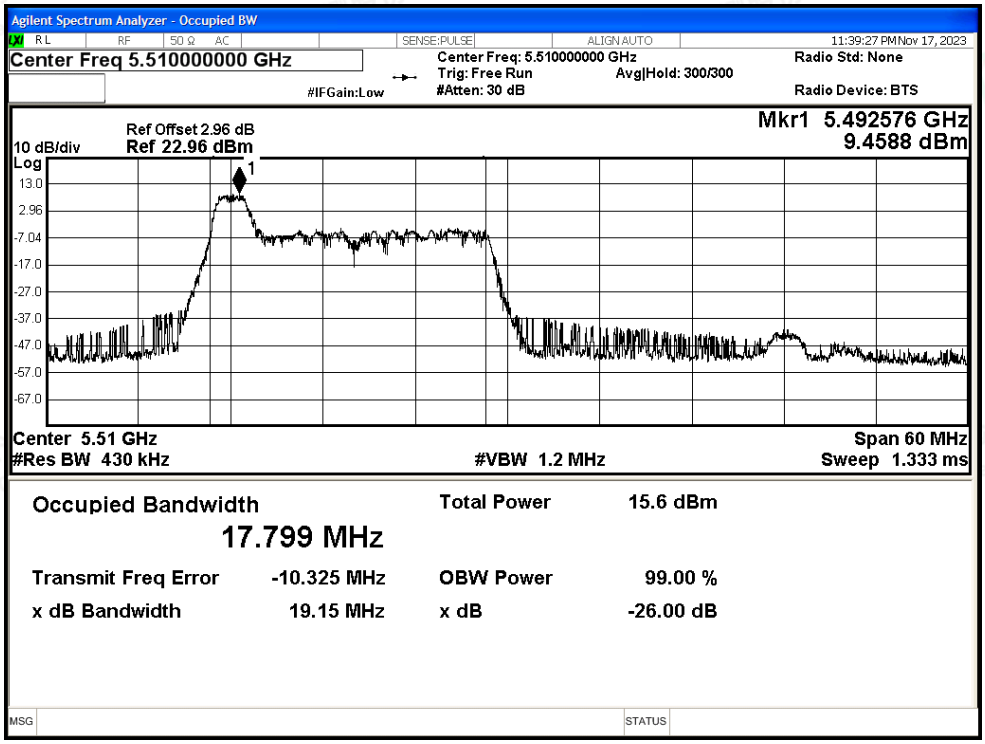
OBW NVNT ax20 5580MHz Ant0



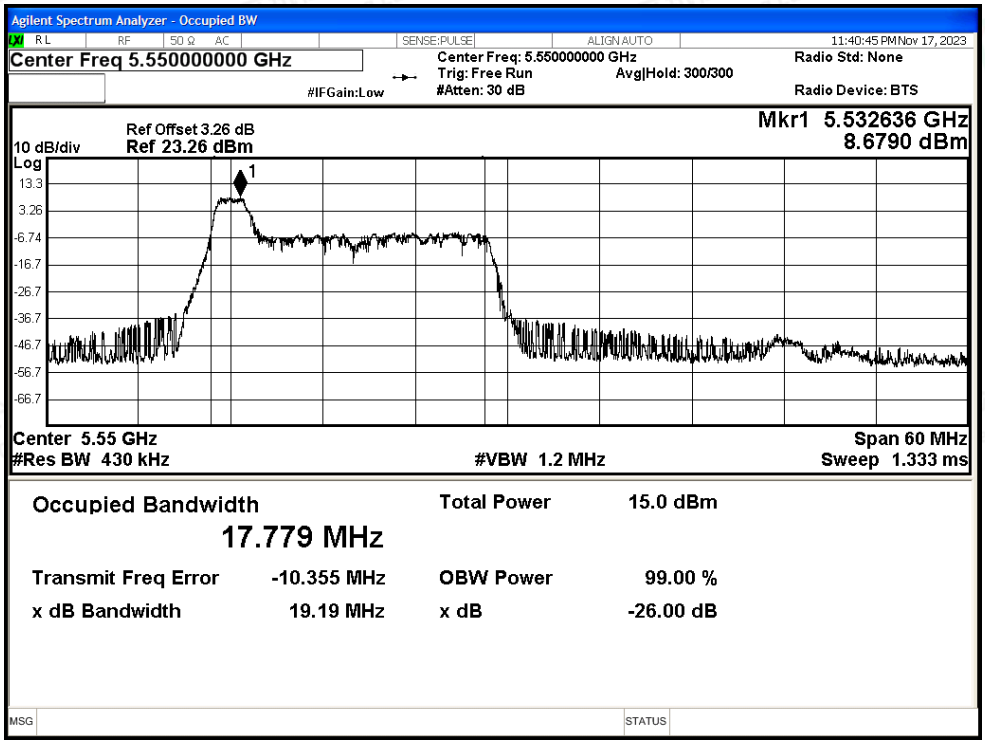
OBW NVNT ax20 5700MHz Ant0



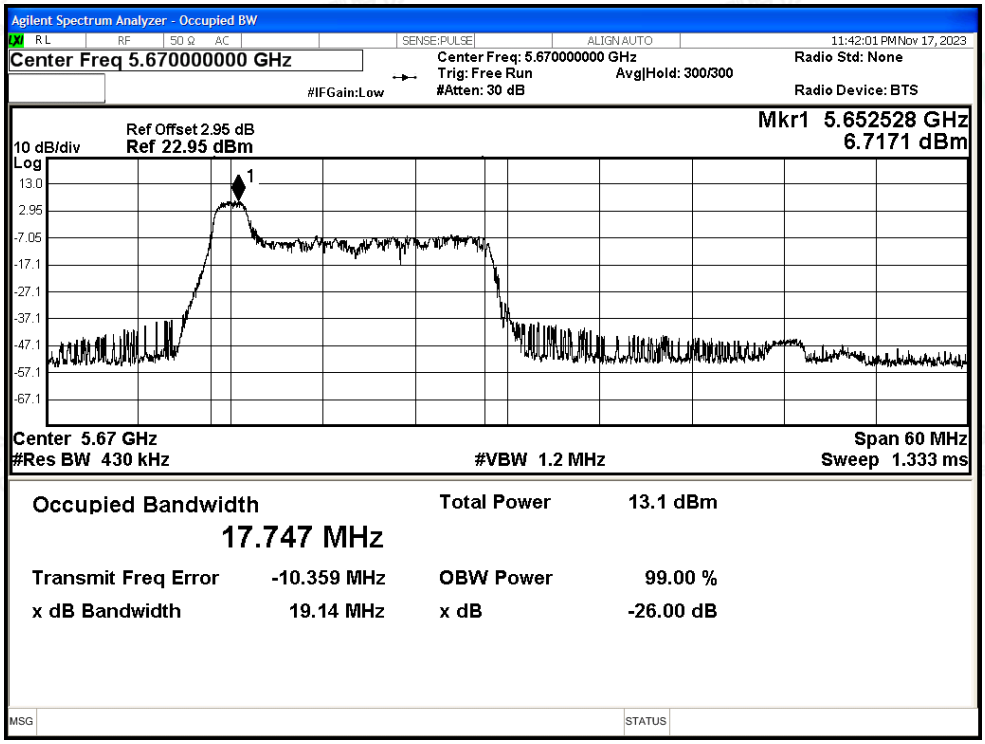
OBW NVNT ax40 5510MHz Ant0



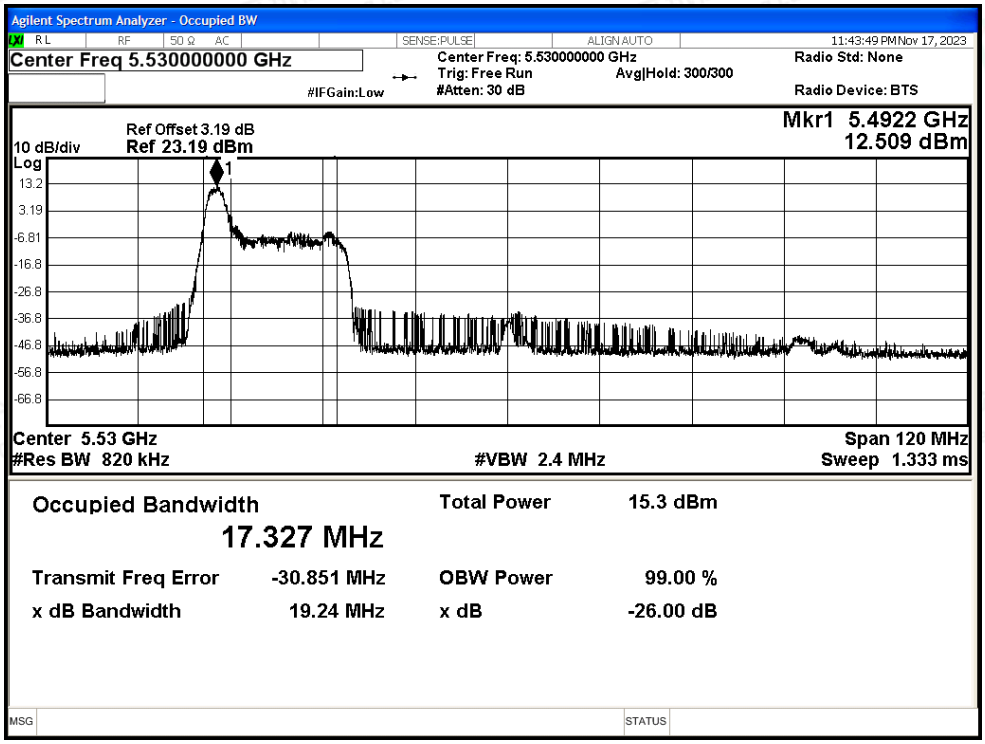
OBW NVNT ax40 5550MHz Ant0



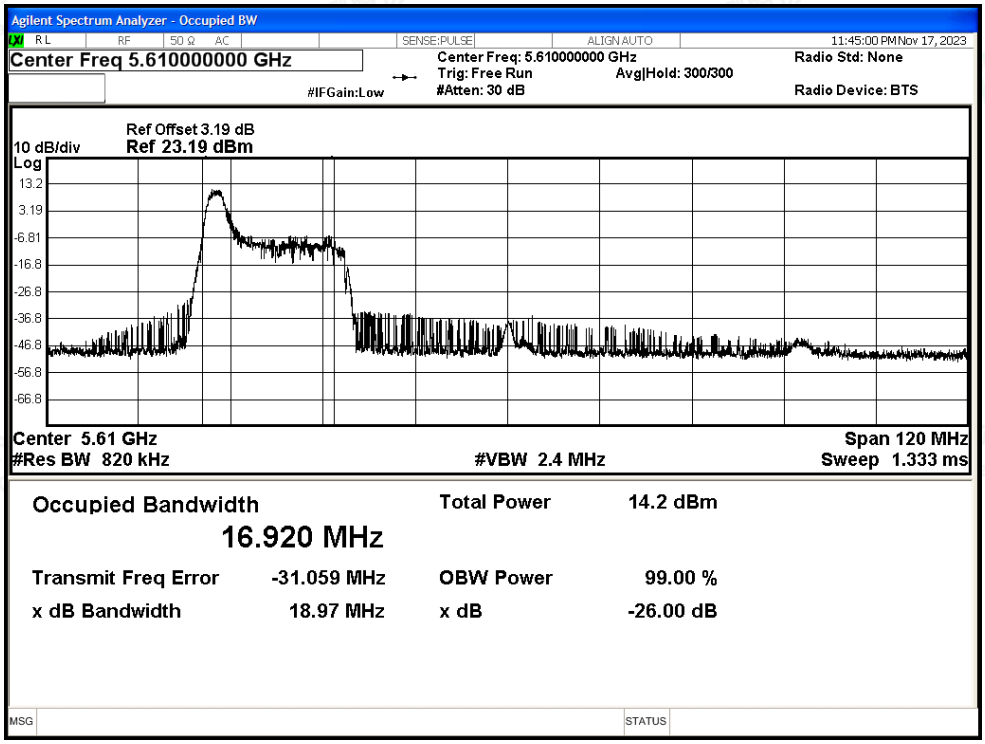
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



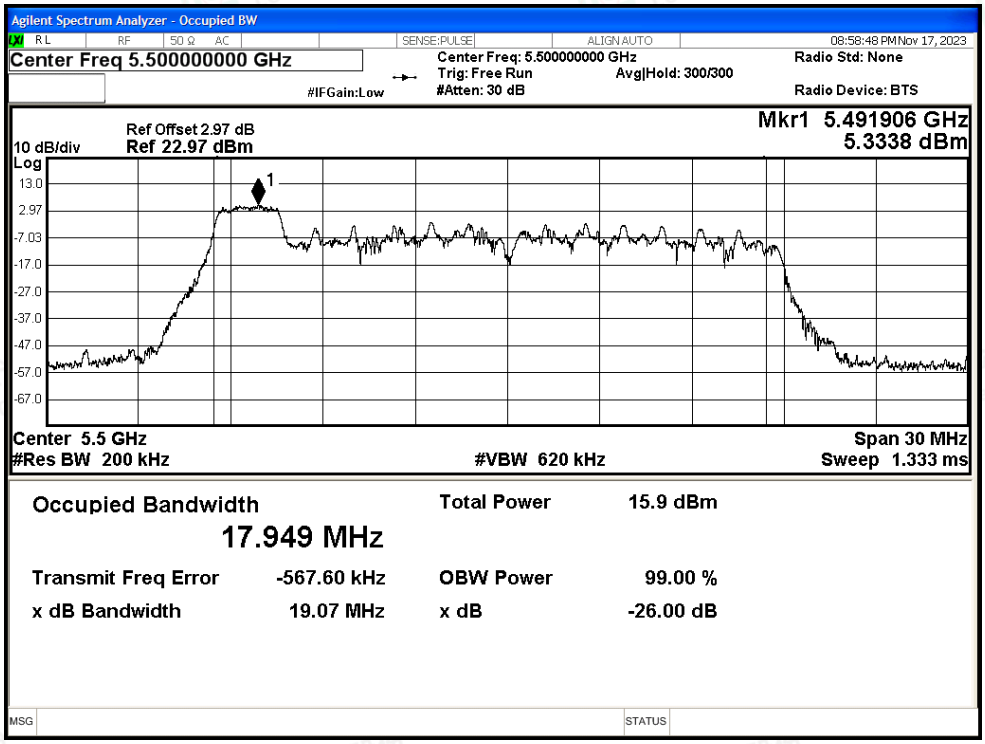
OBW NVNT ax80 5610MHz Ant0



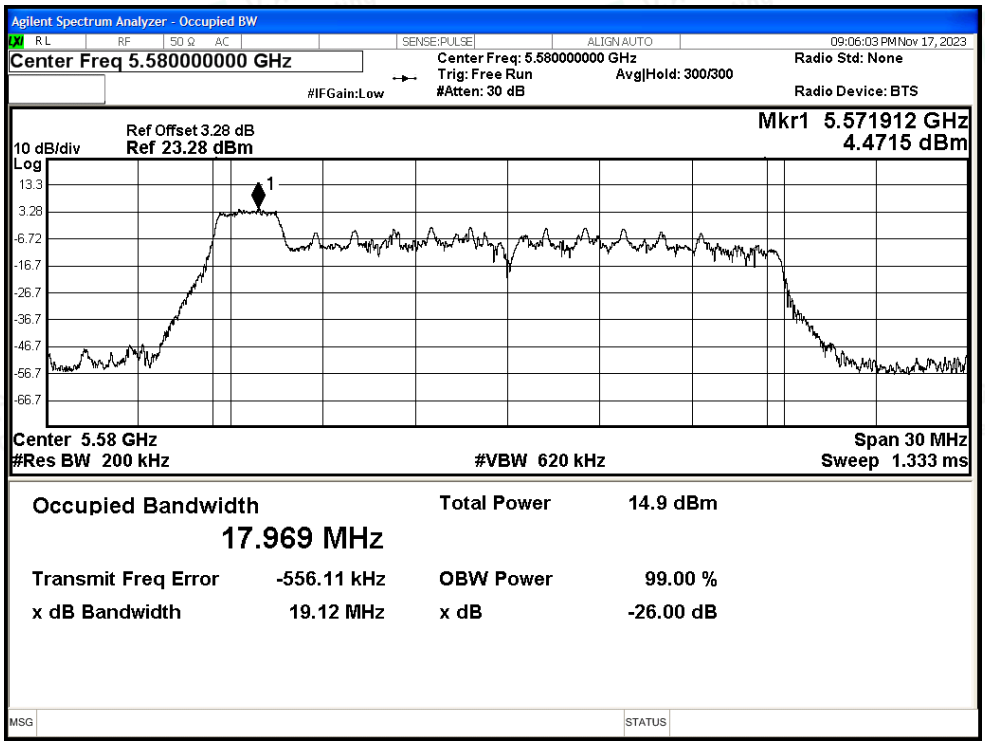
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant1	17.949
NVNT	ax20	5580	Ant1	17.969
NVNT	ax20	5700	Ant1	17.972
NVNT	ax40	5510	Ant1	17.853
NVNT	ax40	5550	Ant1	17.798
NVNT	ax40	5670	Ant1	17.822
NVNT	ax80	5530	Ant1	17.314
NVNT	ax80	5610	Ant1	17.159

Test Graphs

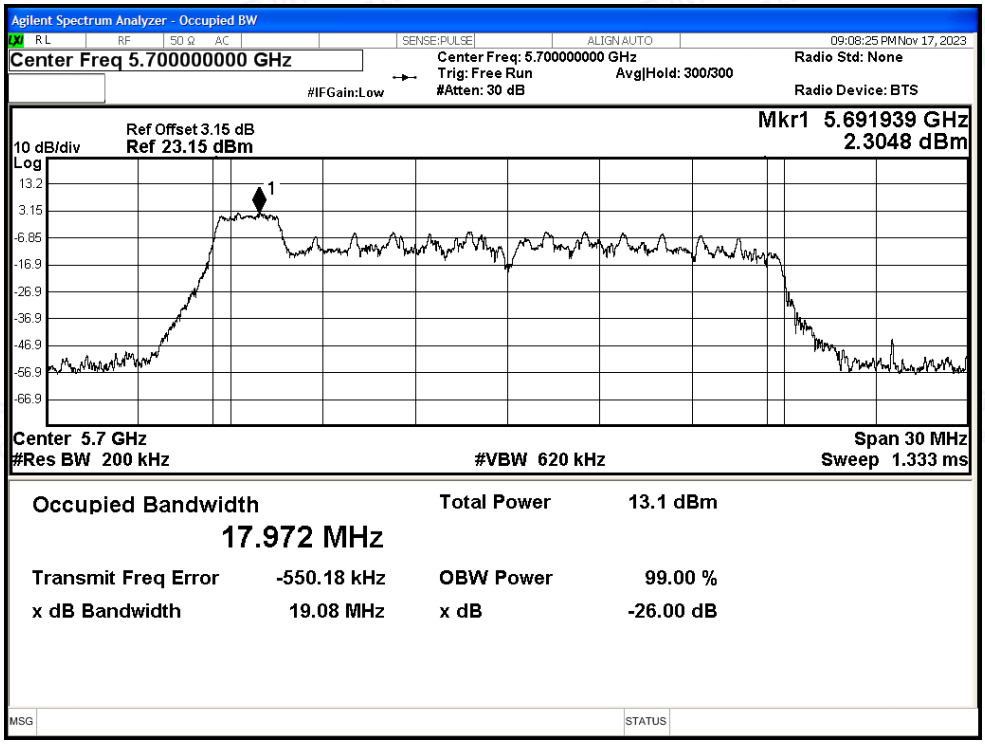
OBW NVNT ax20 5500MHz Ant1



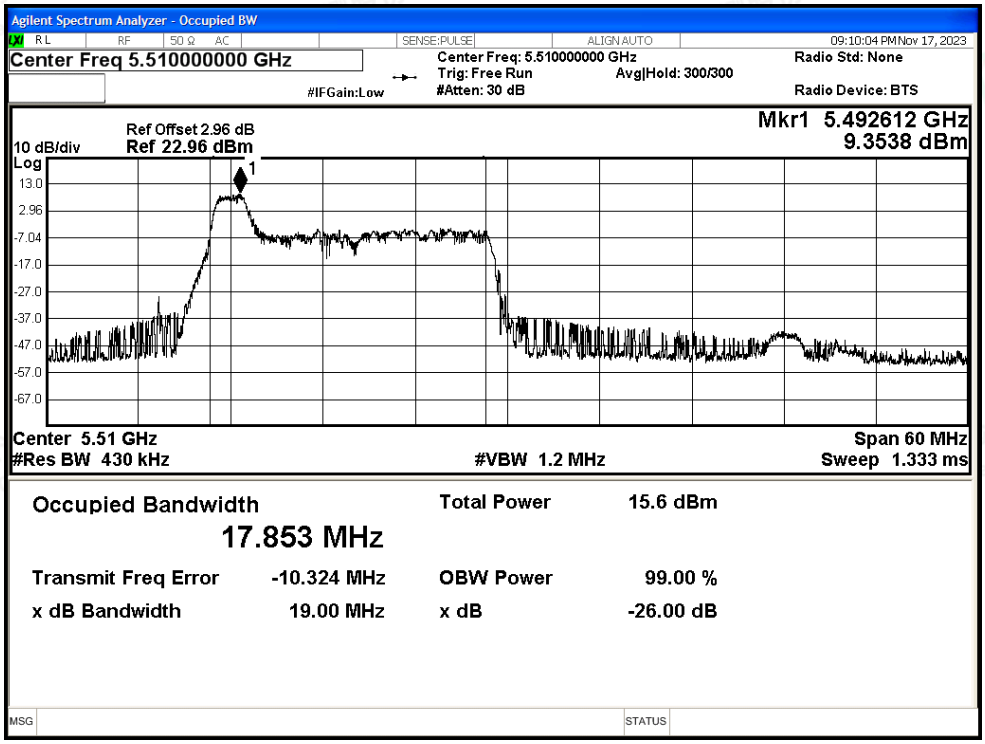
OBW NVNT ax20 5580MHz Ant1



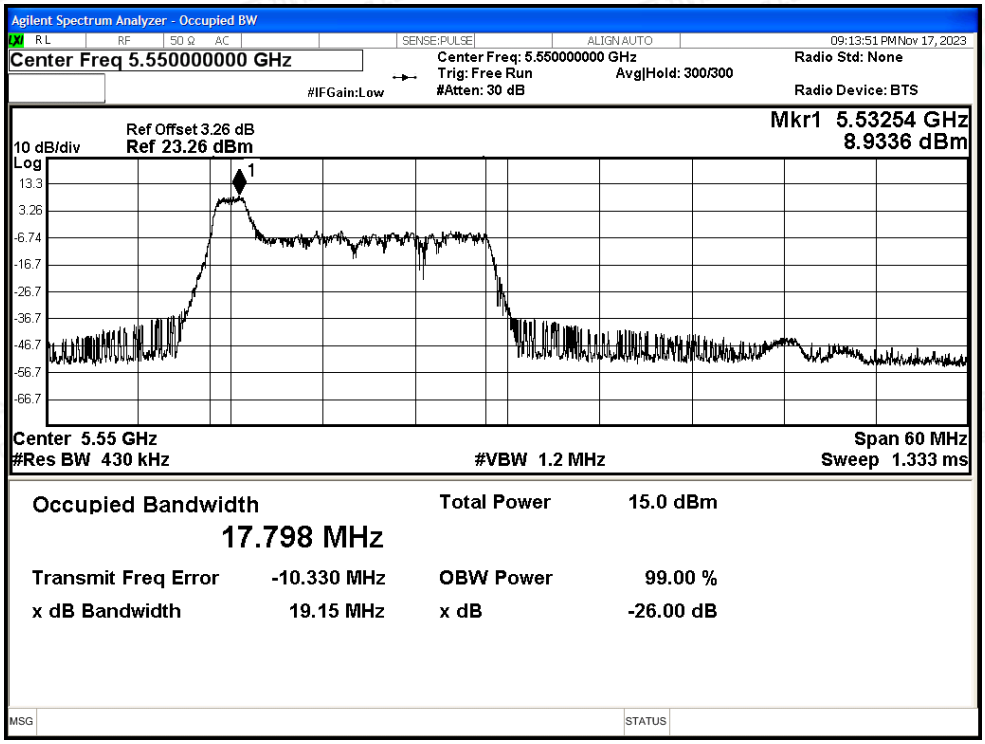
OBW NVNT ax20 5700MHz Ant1



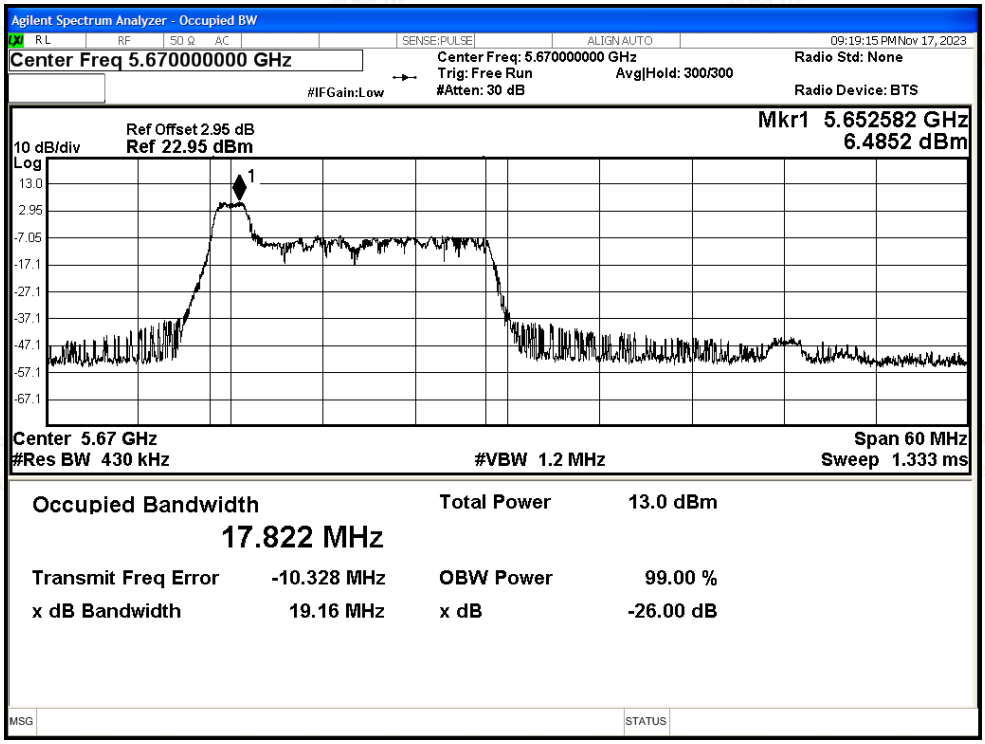
OBW NVNT ax40 5510MHz Ant1



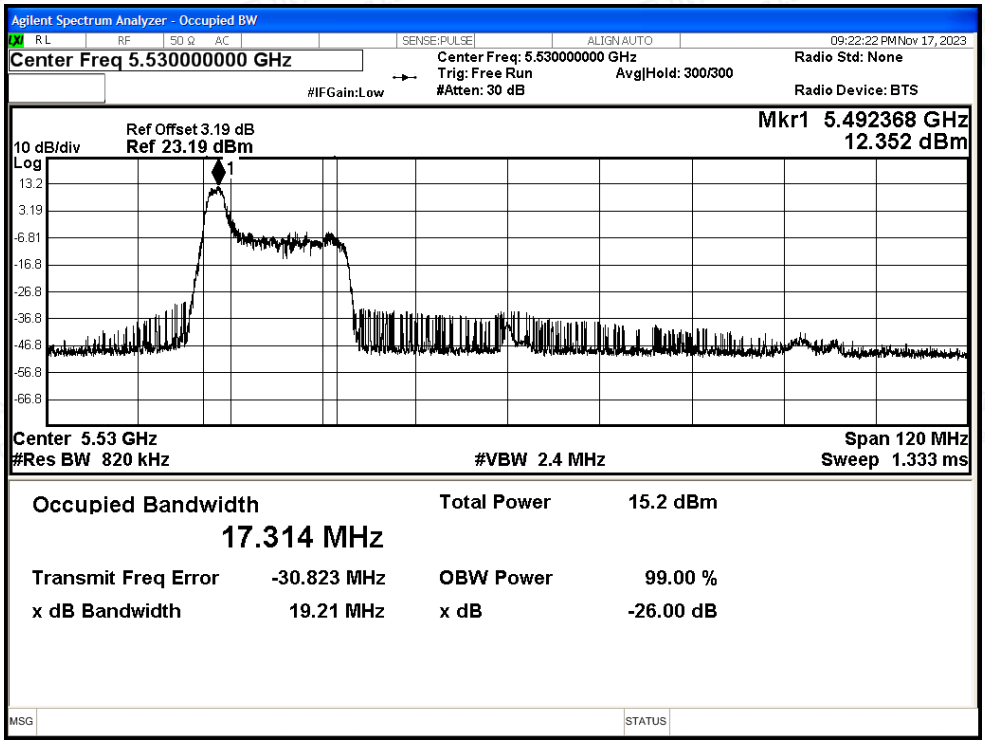
OBW NVNT ax40 5550MHz Ant1



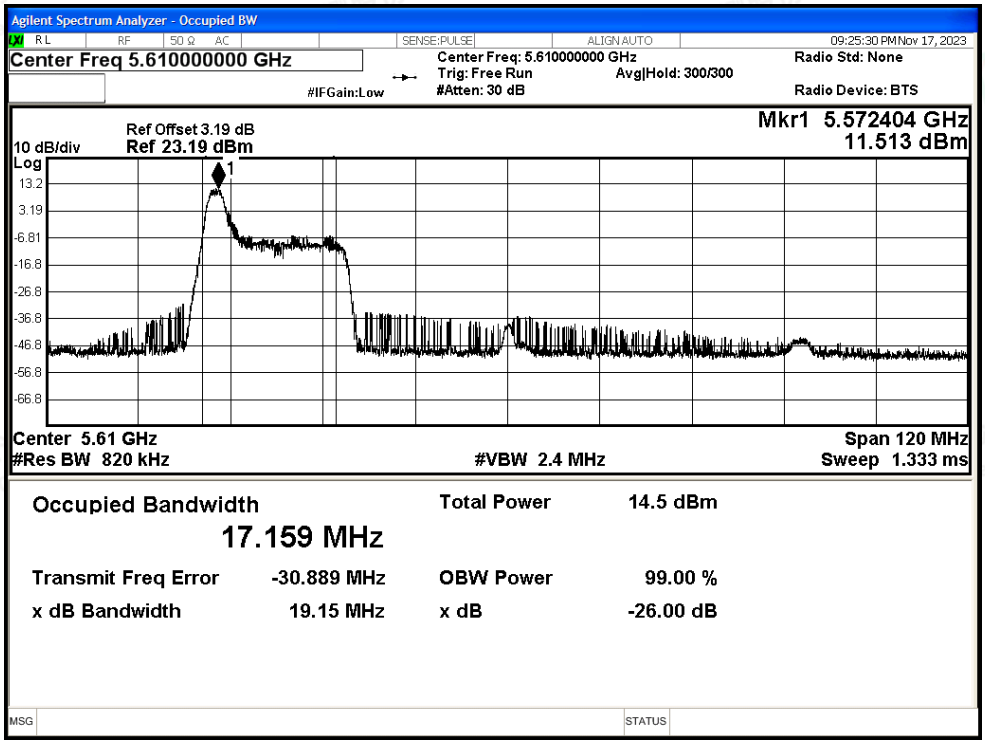
OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1

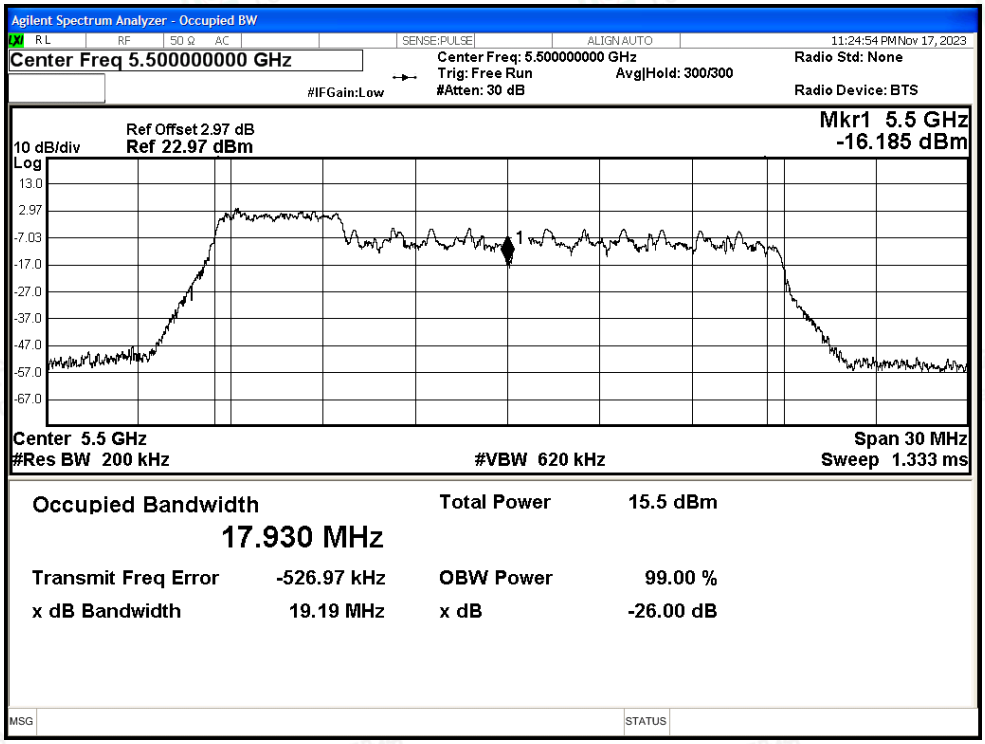


802.11ax OFDMA-(52 Tone)

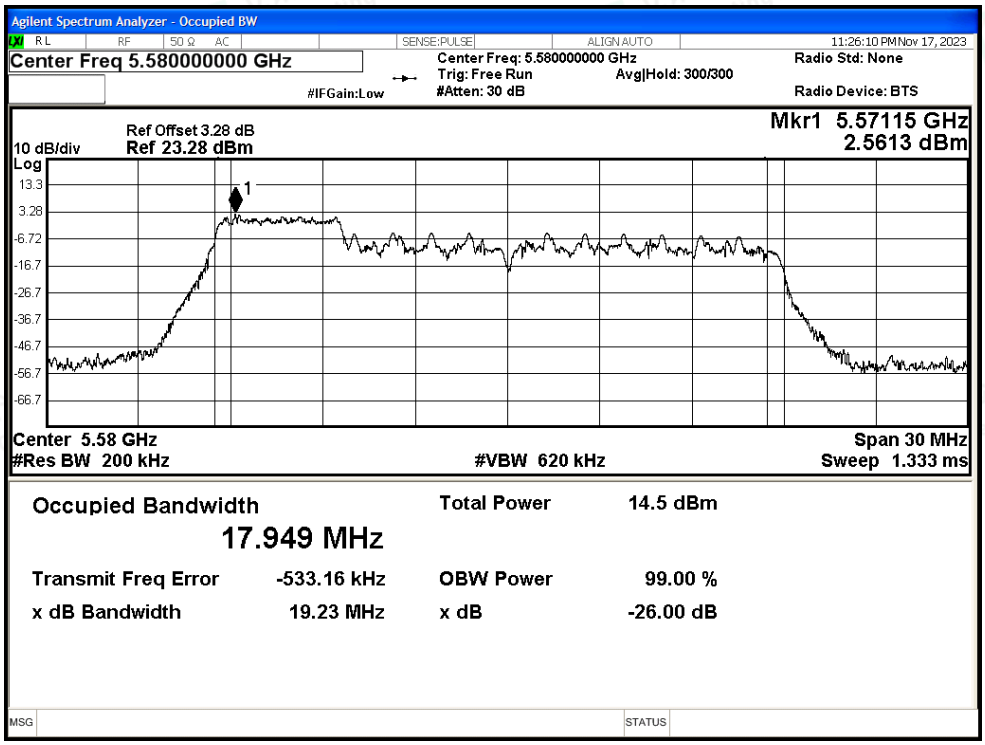
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant0	17.93
NVNT	ax20	5580	Ant0	17.949
NVNT	ax20	5700	Ant0	17.957
NVNT	ax40	5510	Ant0	17.541
NVNT	ax40	5550	Ant0	17.468
NVNT	ax40	5670	Ant0	17.572
NVNT	ax80	5530	Ant0	16.903
NVNT	ax80	5610	Ant0	16.942

Test Graphs

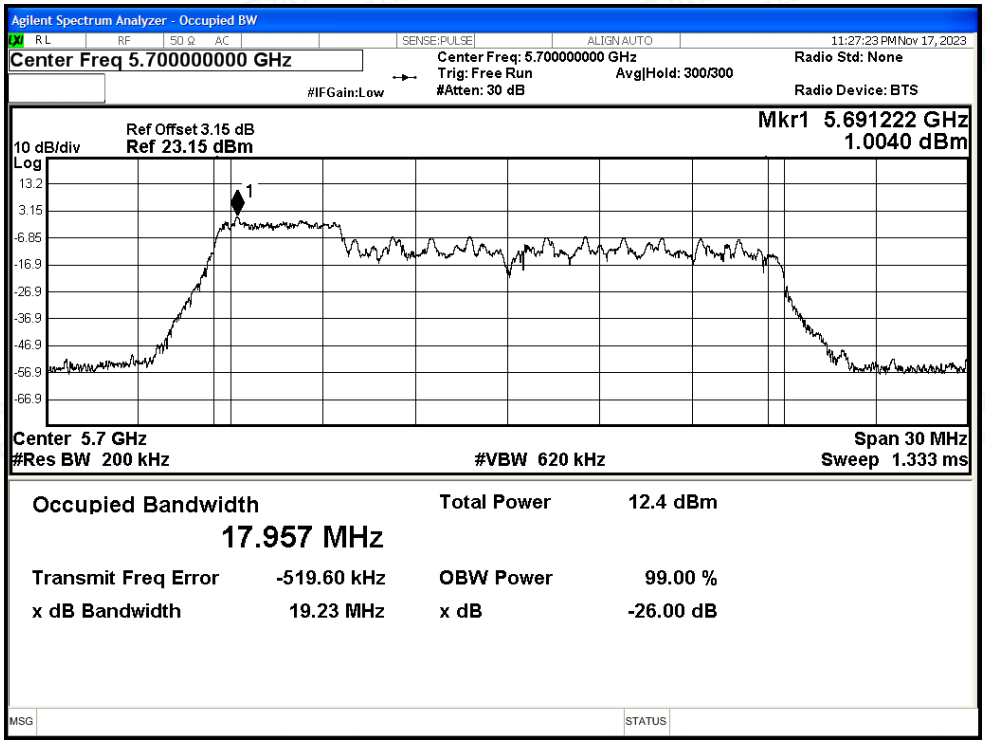
OBW NVNT ax20 5500MHz Ant0



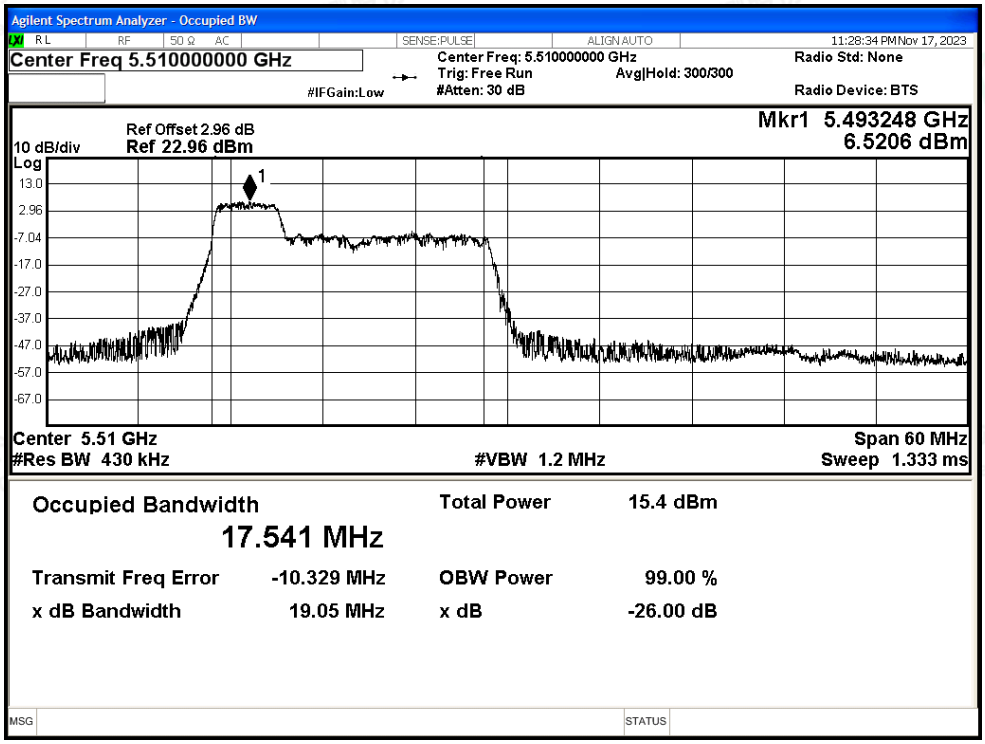
OBW NVNT ax20 5580MHz Ant0



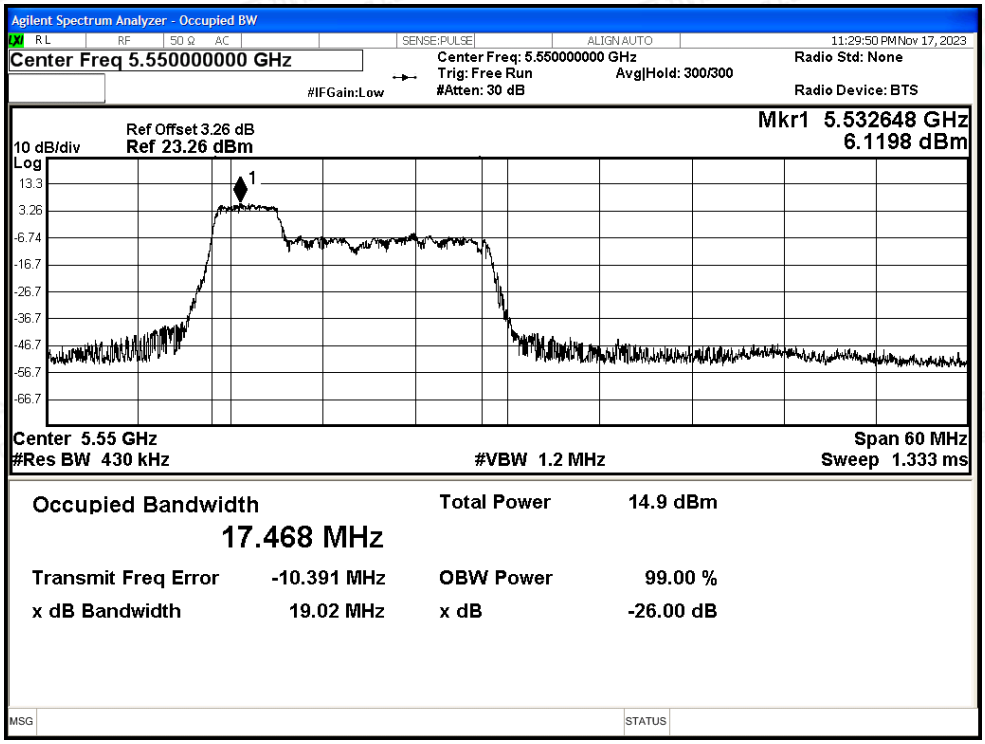
OBW NVNT ax20 5700MHz Ant0



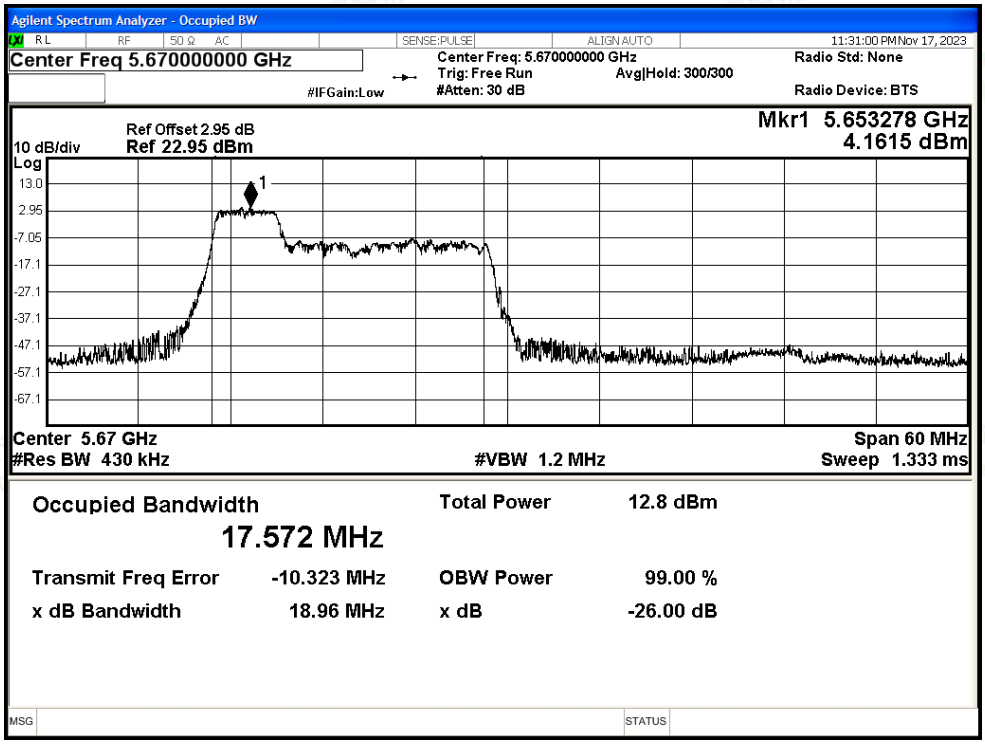
OBW NVNT ax40 5510MHz Ant0



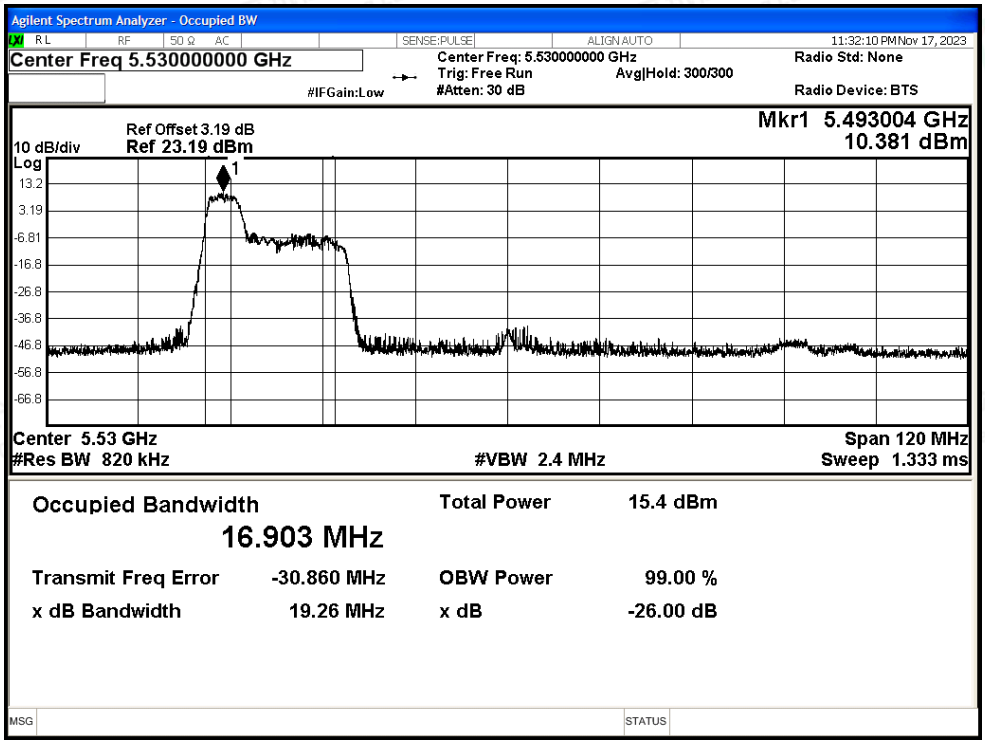
OBW NVNT ax40 5550MHz Ant0



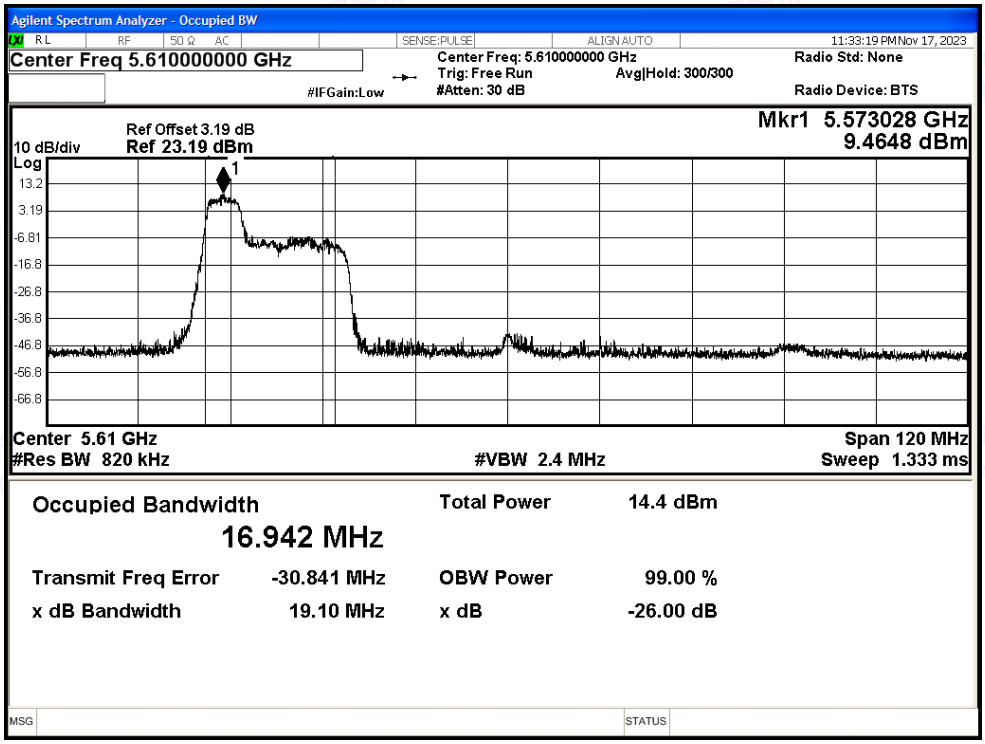
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



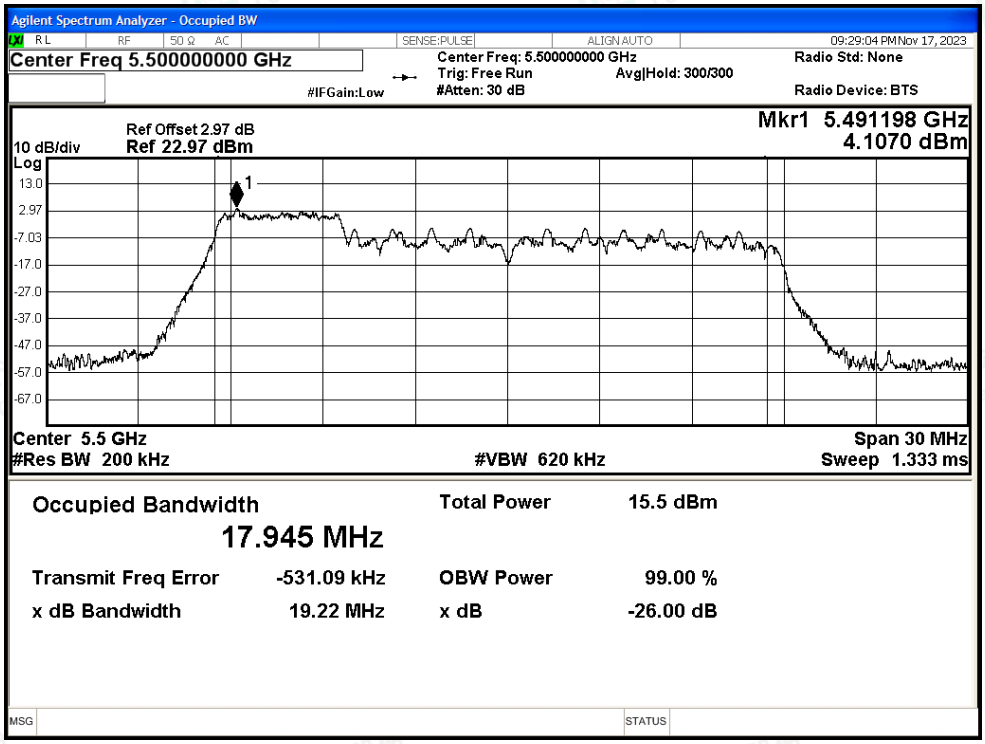
OBW NVNT ax80 5610MHz Ant0



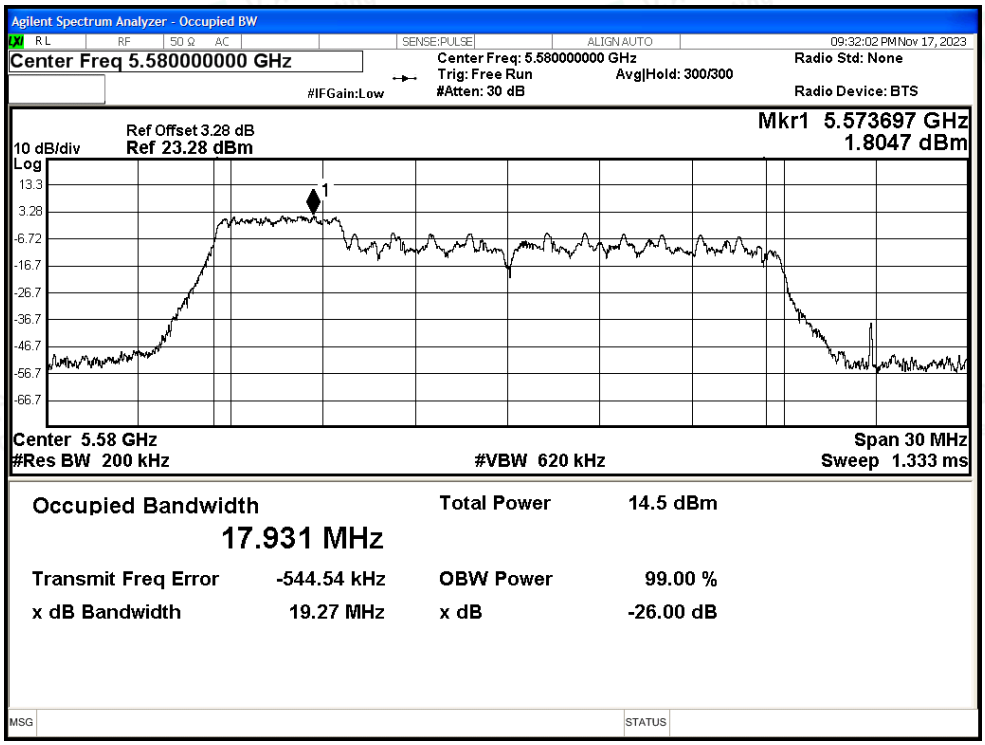
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant1	17.945
NVNT	ax20	5580	Ant1	17.931
NVNT	ax20	5700	Ant1	17.956
NVNT	ax40	5510	Ant1	17.548
NVNT	ax40	5550	Ant1	17.512
NVNT	ax40	5670	Ant1	17.57
NVNT	ax80	5530	Ant1	16.956
NVNT	ax80	5610	Ant1	16.92

Test Graphs

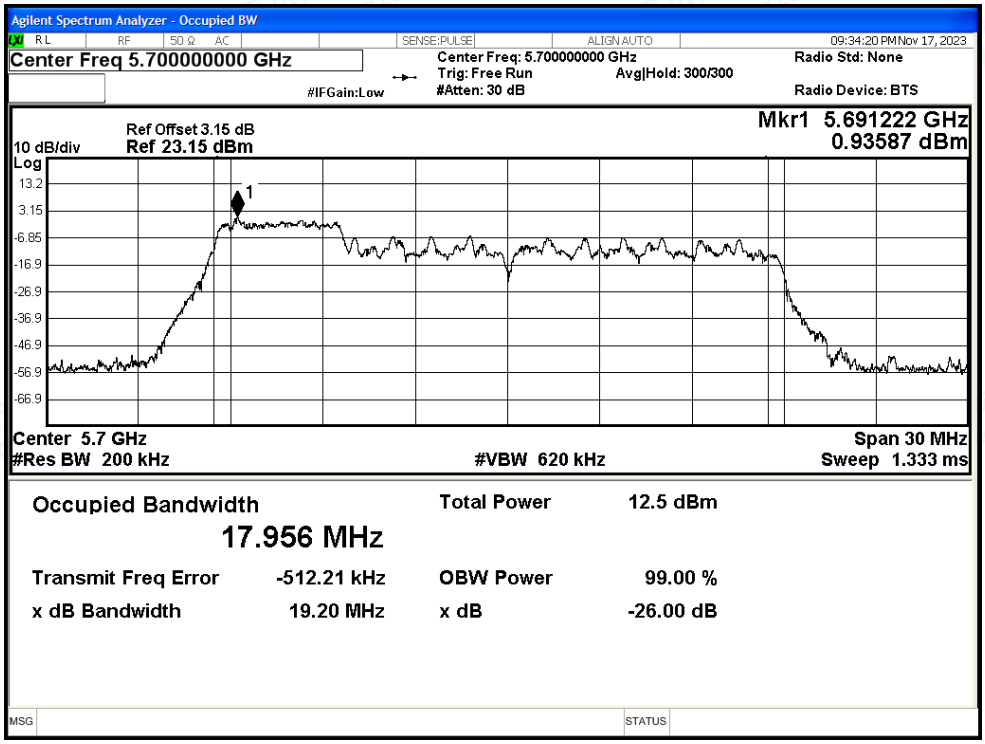
OBW NVNT ax20 5500MHz Ant1



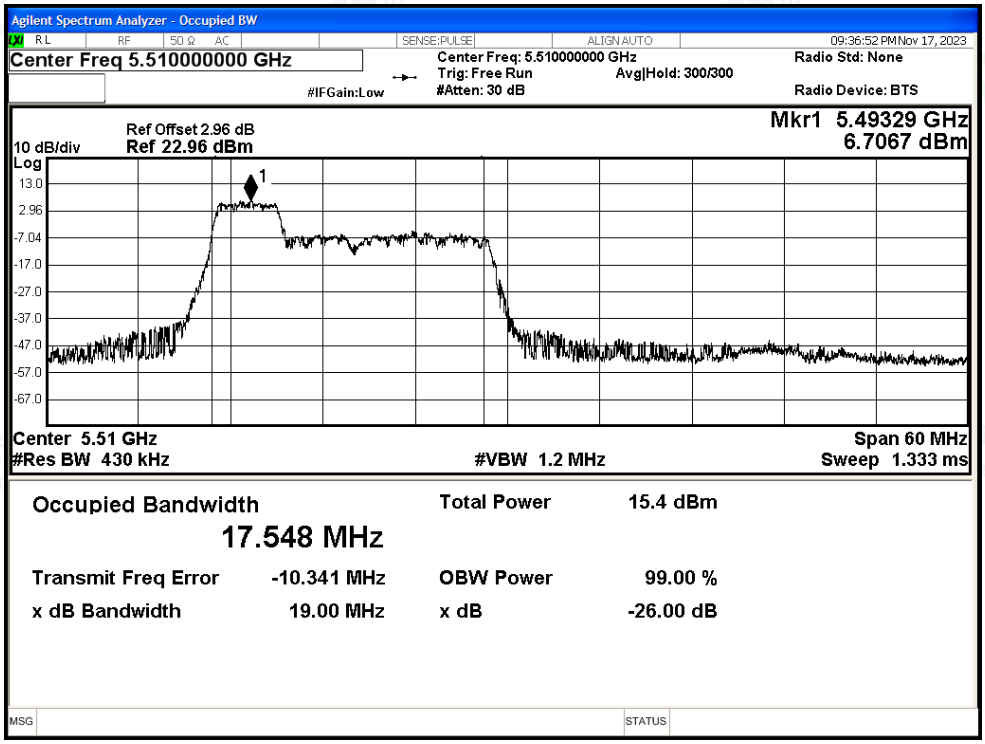
OBW NVNT ax20 5580MHz Ant1



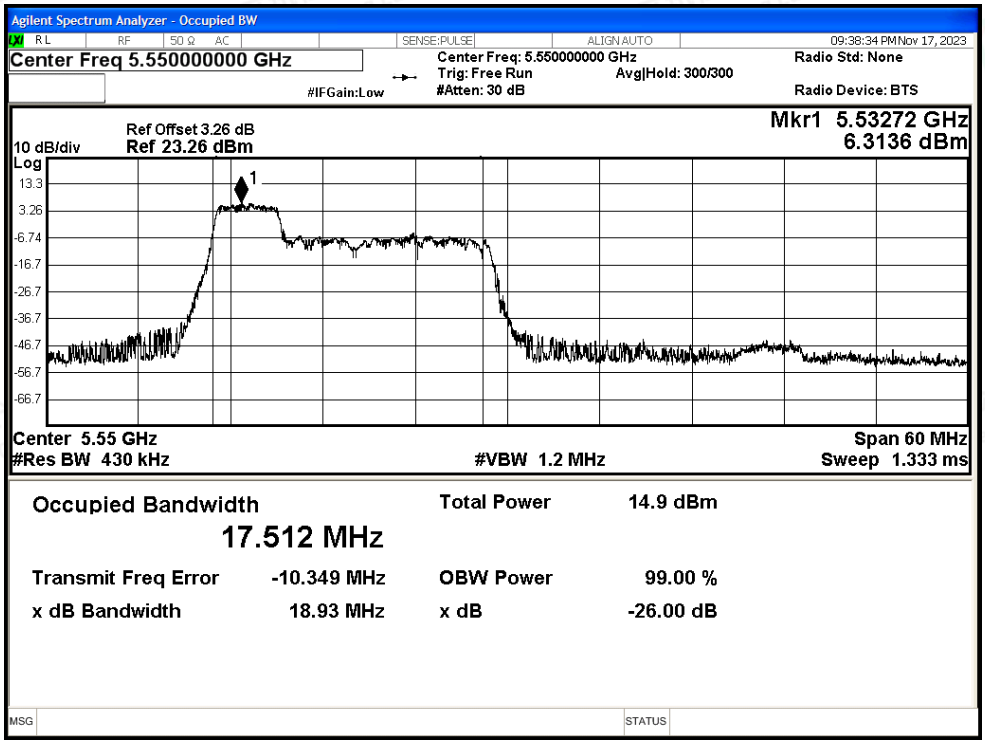
OBW NVNT ax20 5700MHz Ant1



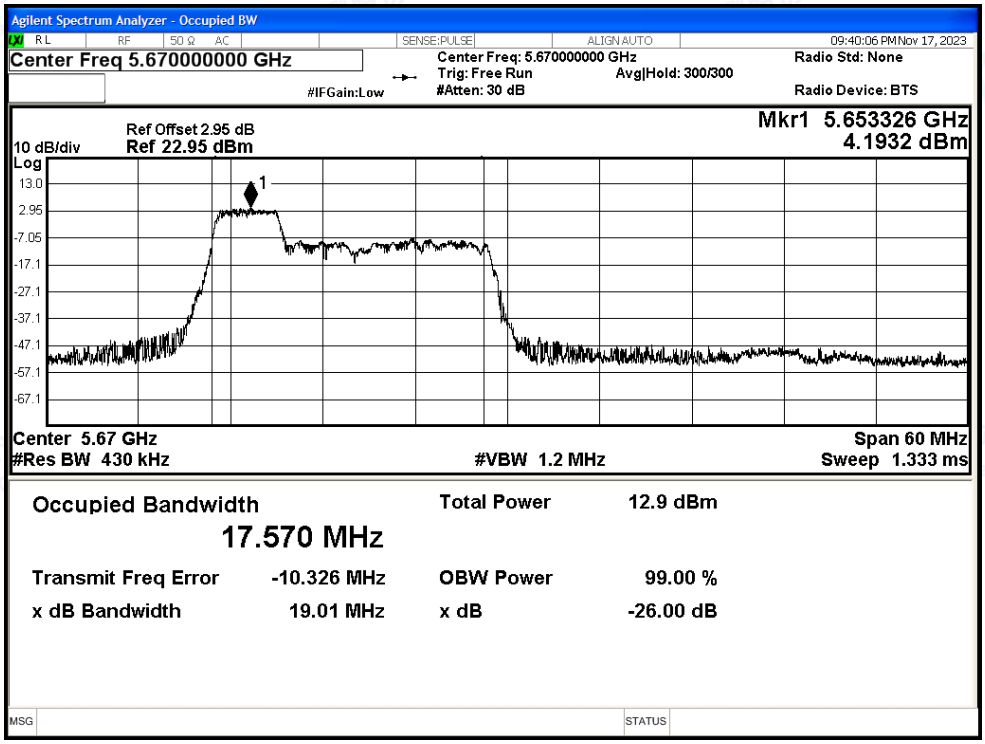
OBW NVNT ax40 5510MHz Ant1



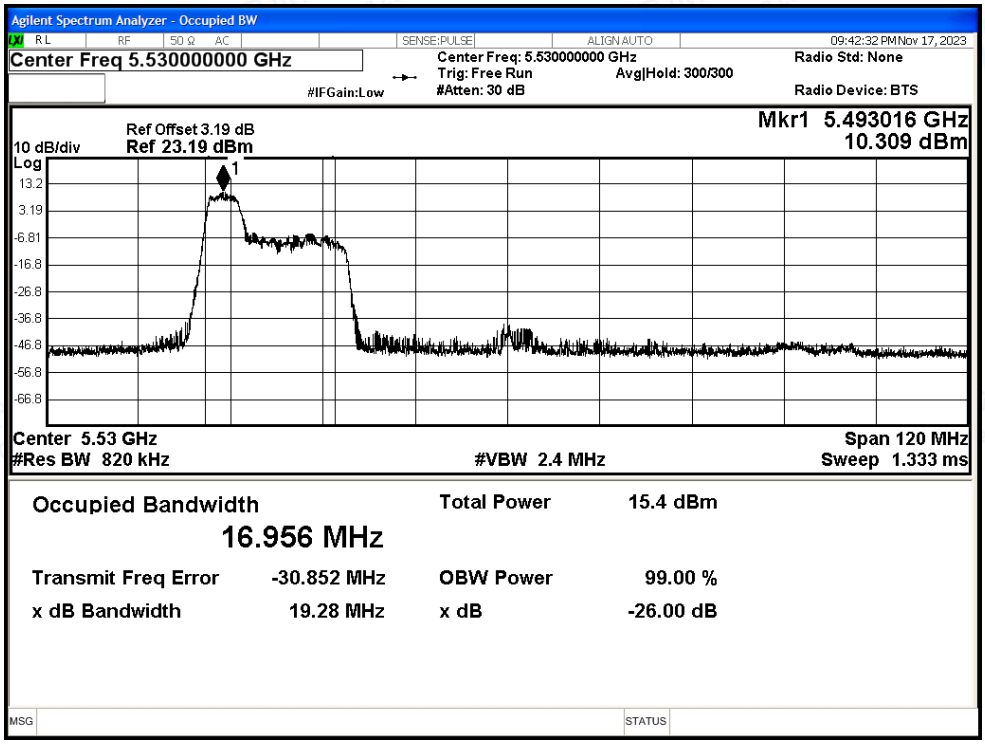
OBW NVNT ax40 5550MHz Ant1



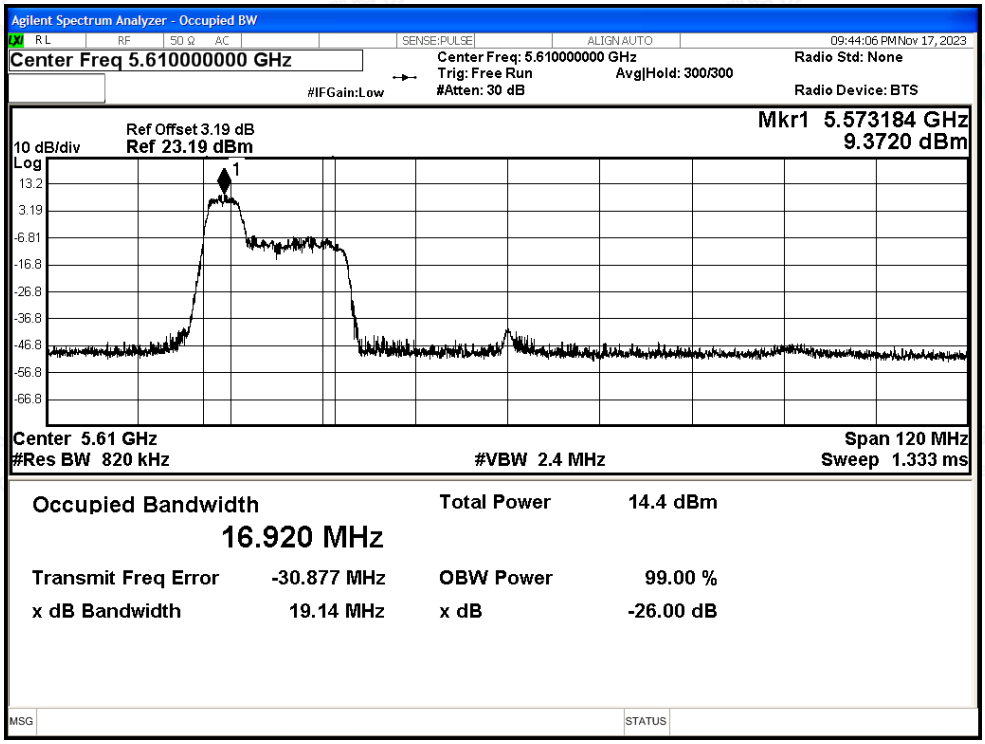
OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1

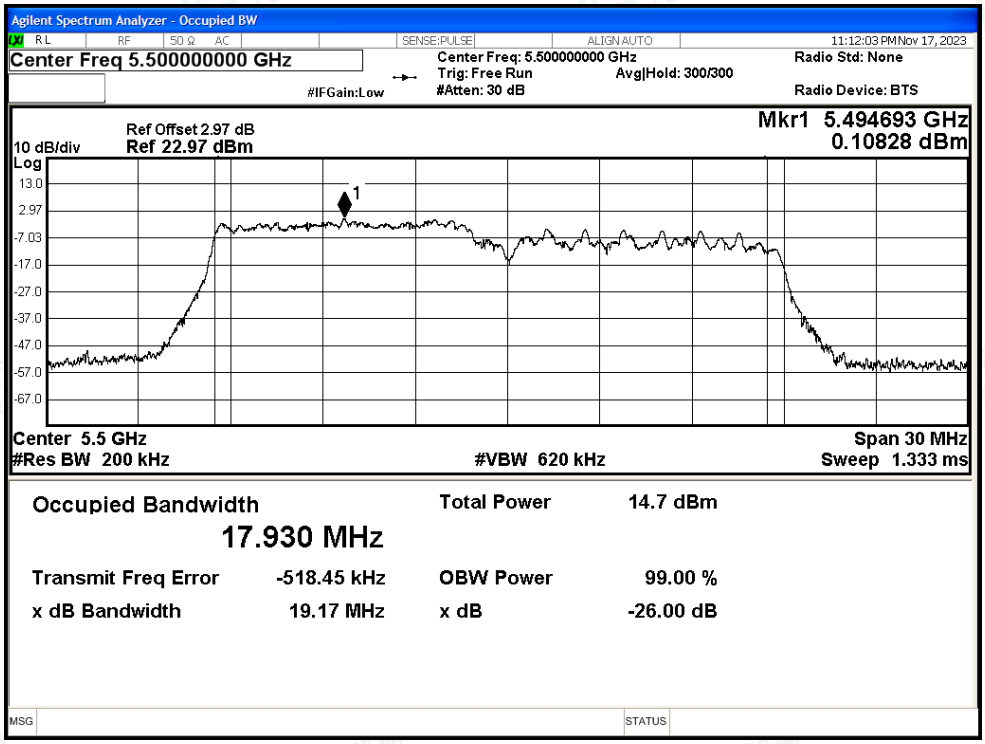


802.11ax OFDMA-(106 Tone)

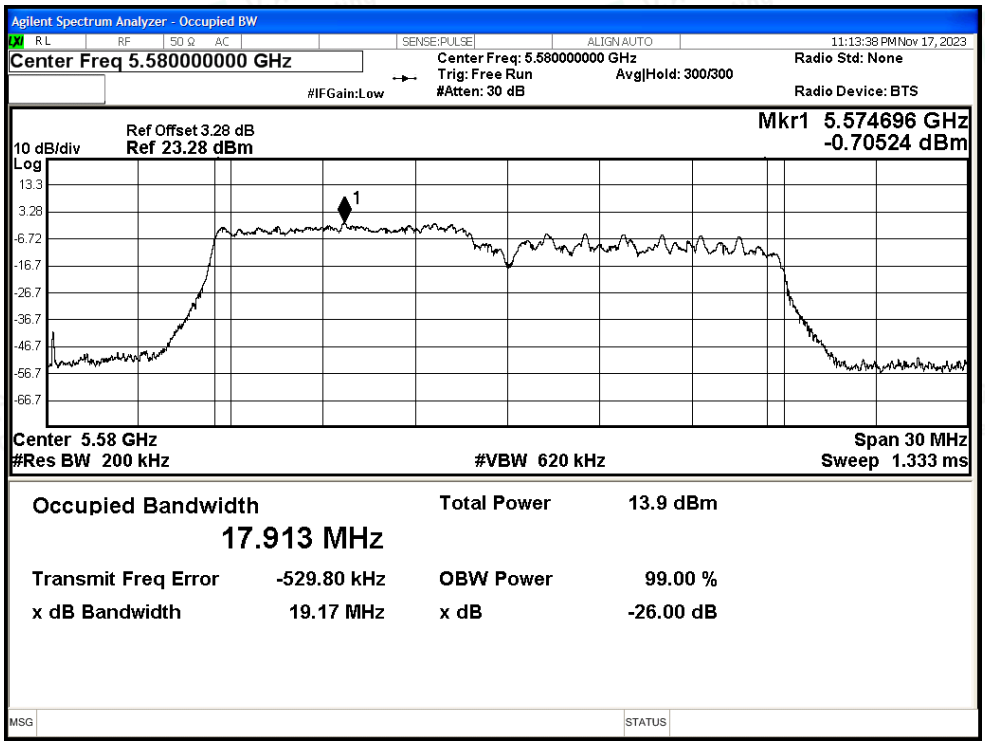
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant0	17.93
NVNT	ax20	5580	Ant0	17.913
NVNT	ax20	5700	Ant0	17.949
NVNT	ax40	5510	Ant0	17.489
NVNT	ax40	5550	Ant0	17.464
NVNT	ax40	5670	Ant0	17.484
NVNT	ax80	5530	Ant0	17.392
NVNT	ax80	5610	Ant0	17.27

Test Graphs

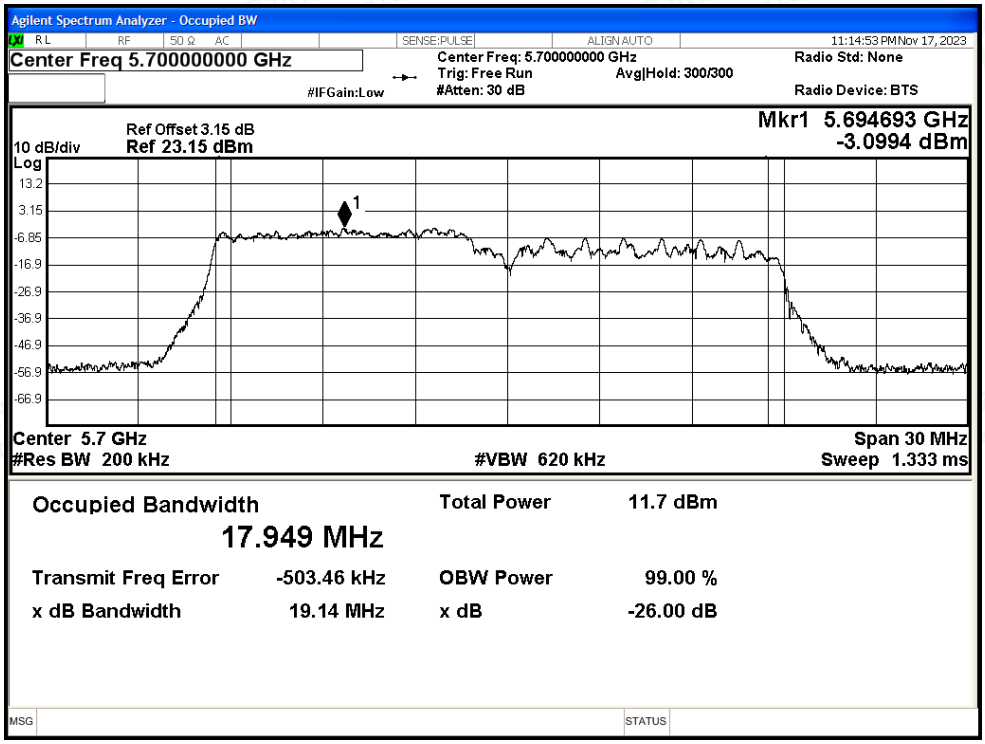
OBW NVNT ax20 5500MHz Ant0



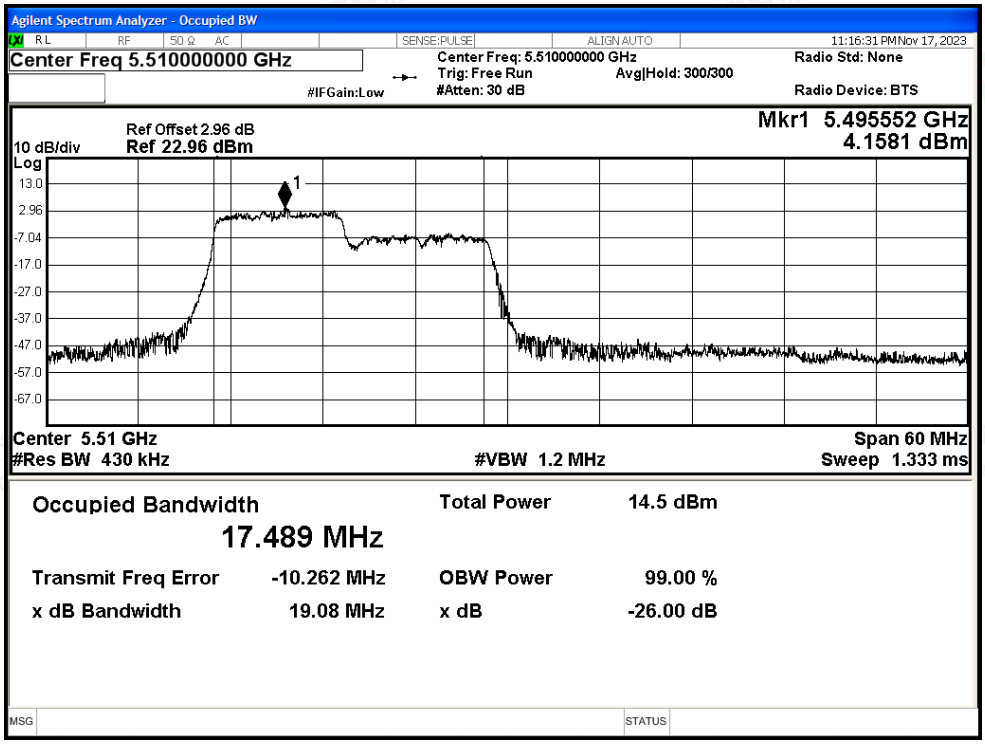
OBW NVNT ax20 5580MHz Ant0



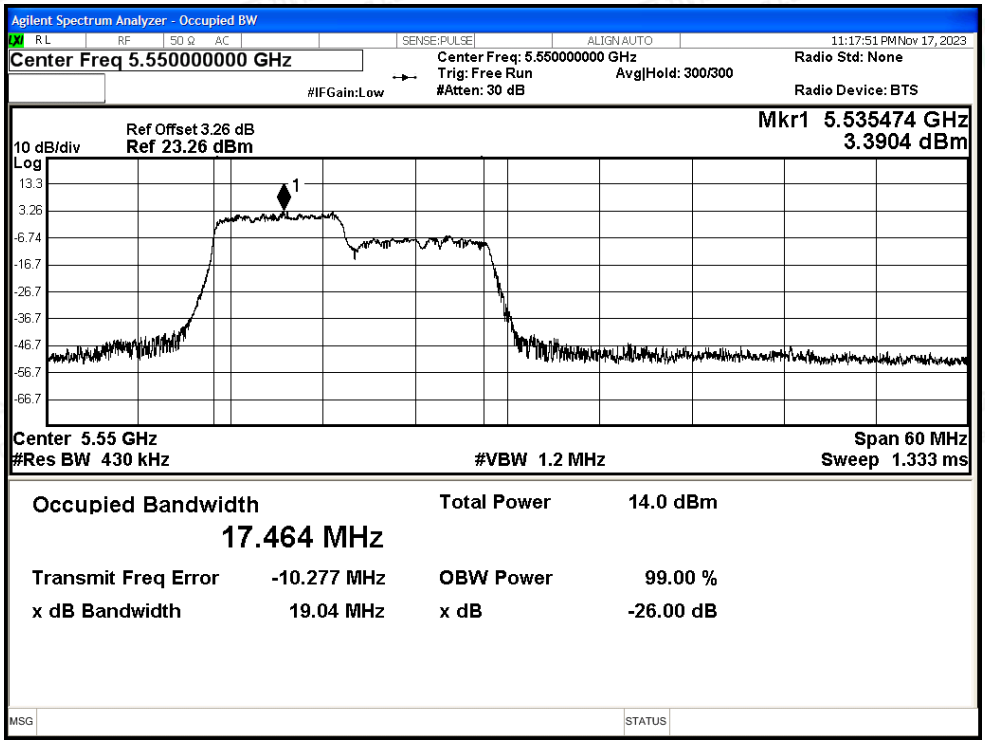
OBW NVNT ax20 5700MHz Ant0



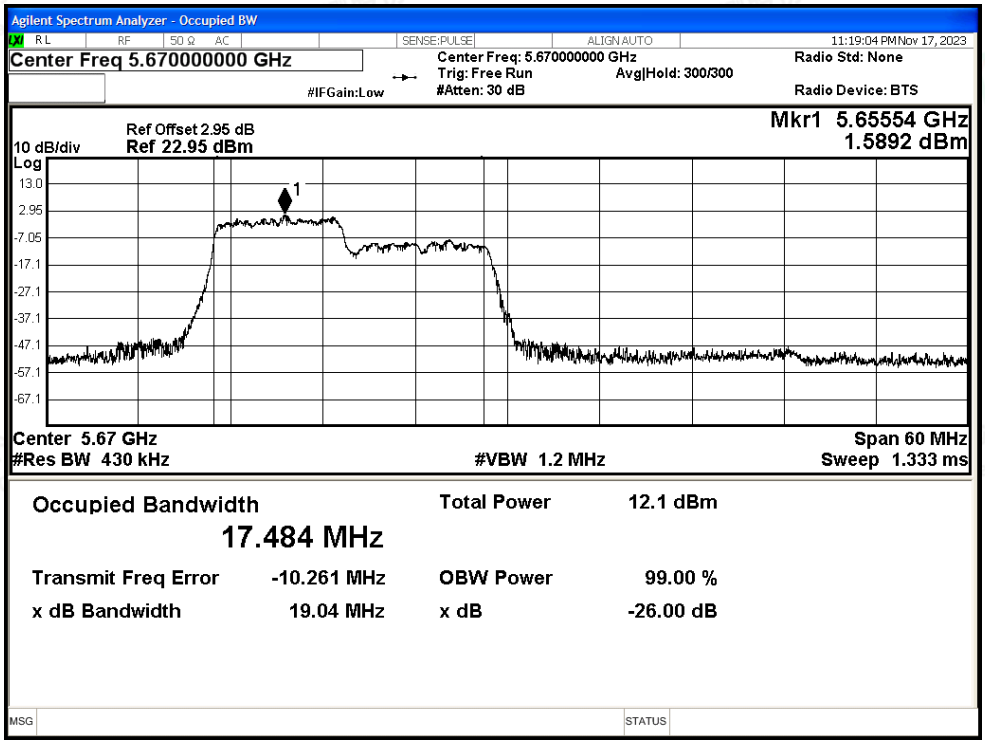
OBW NVNT ax40 5510MHz Ant0



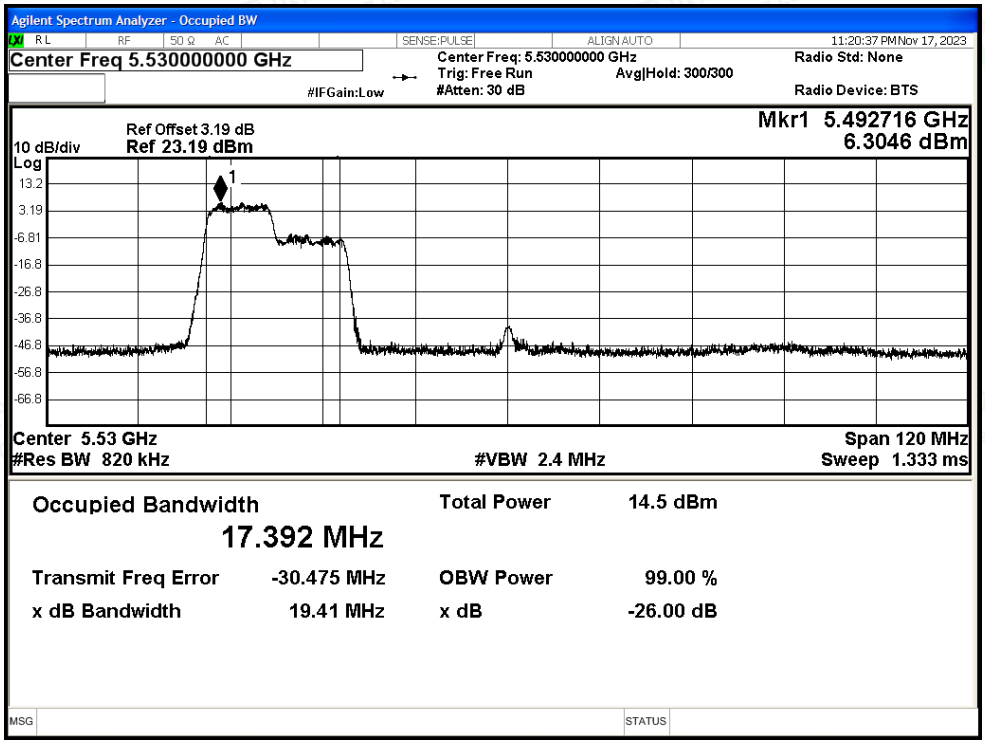
OBW NVNT ax40 5550MHz Ant0



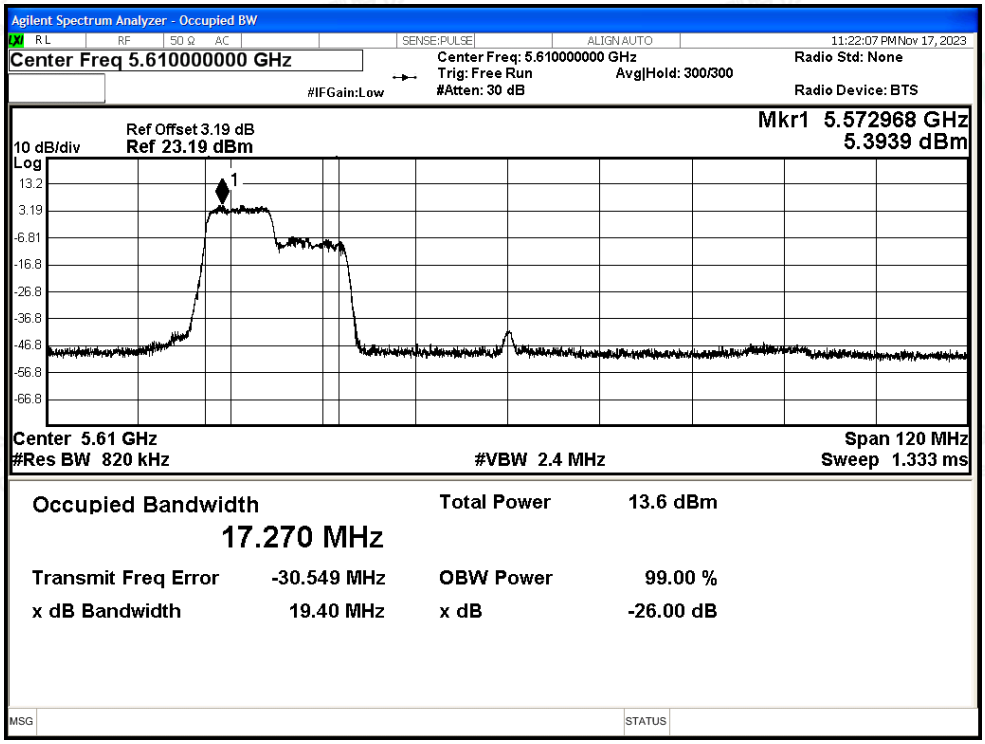
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



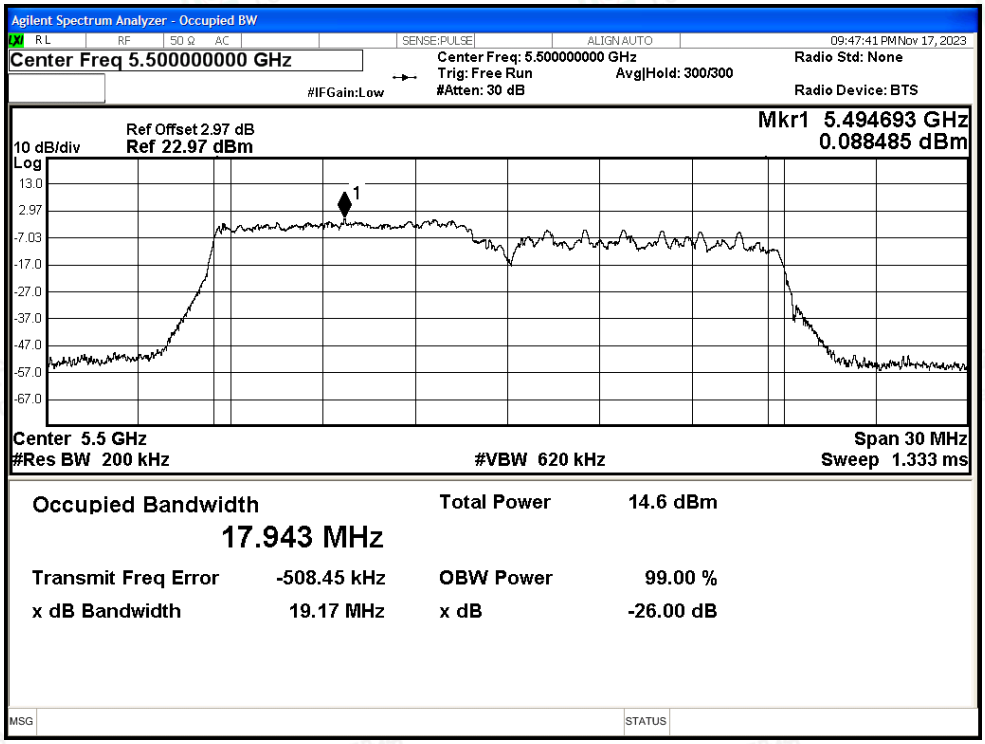
OBW NVNT ax80 5610MHz Ant0



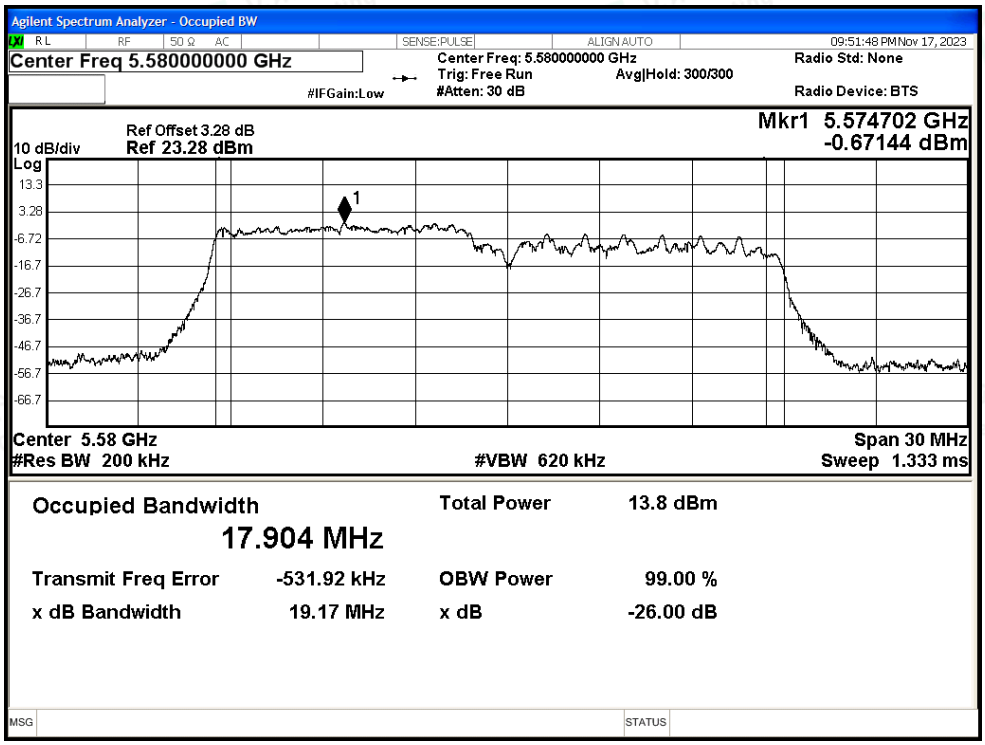
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant1	17.943
NVNT	ax20	5580	Ant1	17.904
NVNT	ax20	5700	Ant1	17.944
NVNT	ax40	5510	Ant1	17.476
NVNT	ax40	5550	Ant1	17.421
NVNT	ax40	5670	Ant1	17.468
NVNT	ax80	5530	Ant1	17.362
NVNT	ax80	5610	Ant1	17.287

Test Graphs

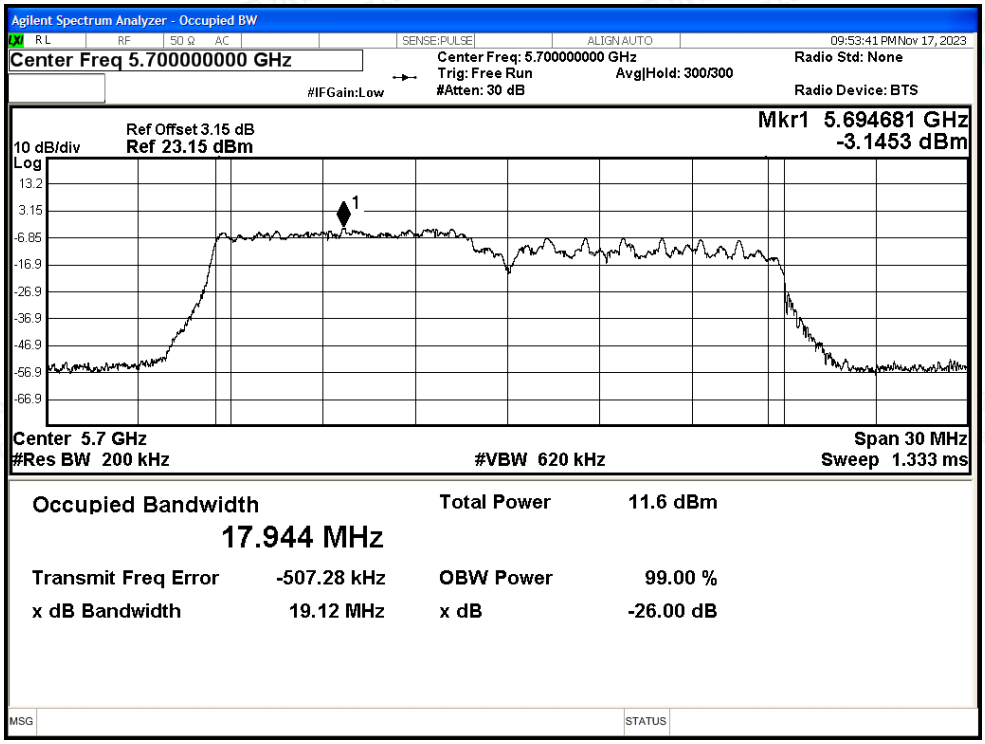
OBW NVNT ax20 5500MHz Ant1



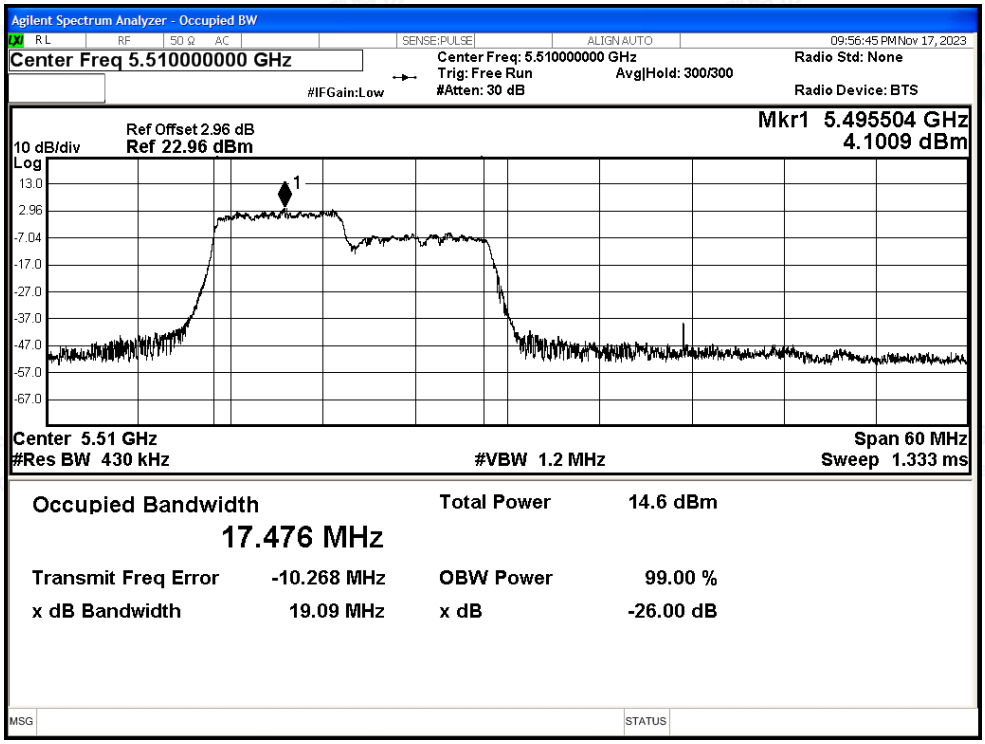
OBW NVNT ax20 5580MHz Ant1



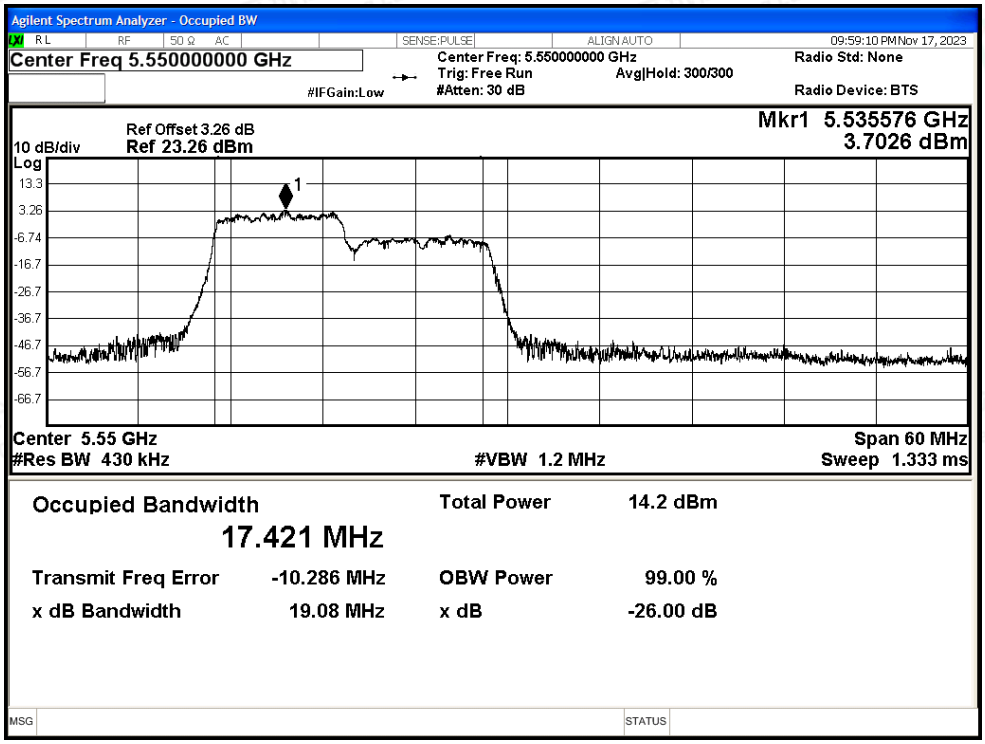
OBW NVNT ax20 5700MHz Ant1



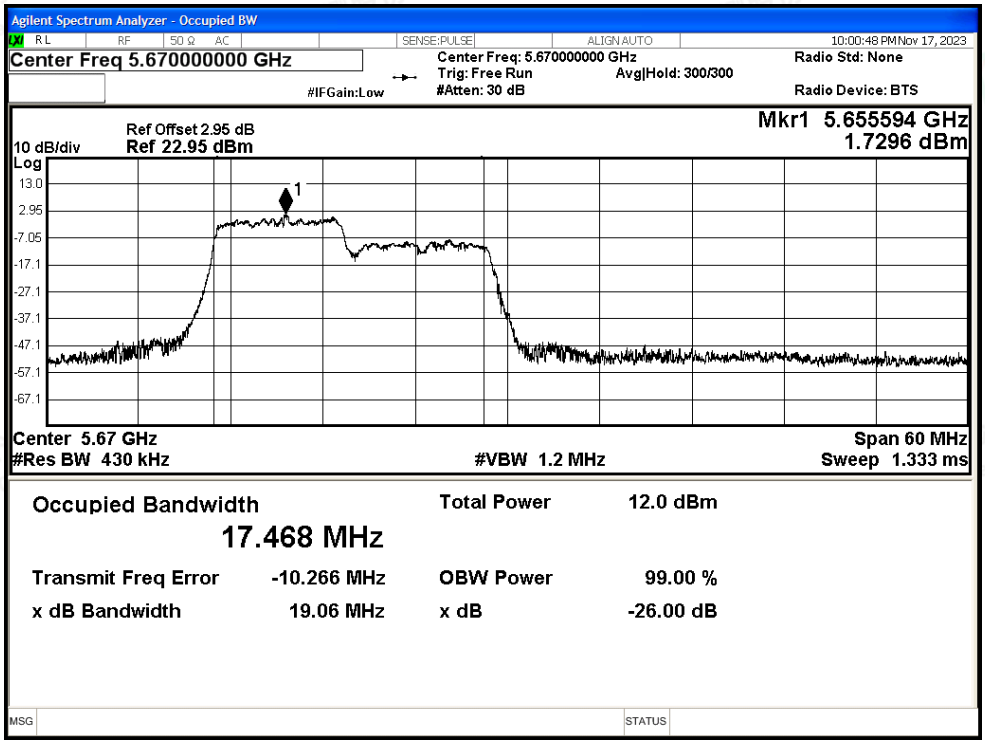
OBW NVNT ax40 5510MHz Ant1



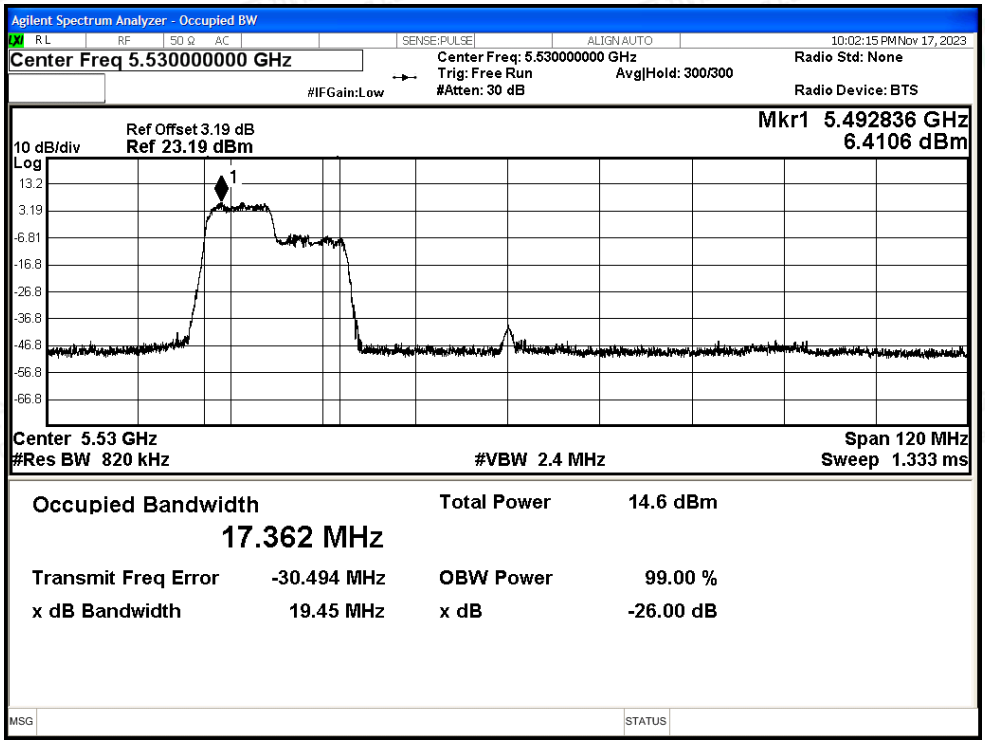
OBW NVNT ax40 5550MHz Ant1



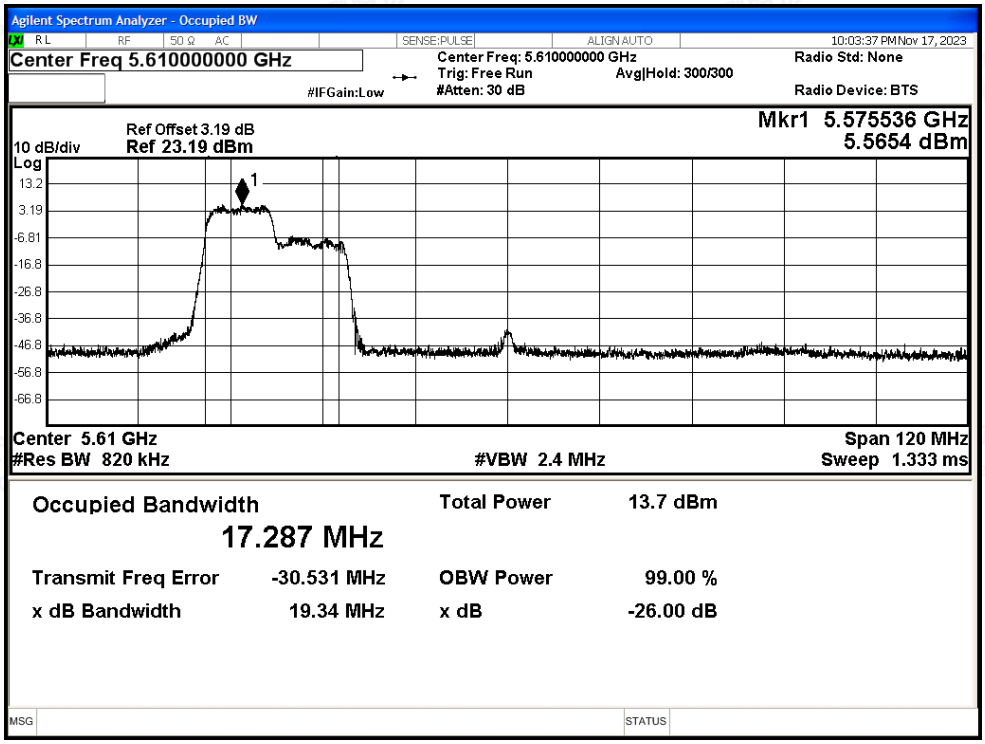
OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1

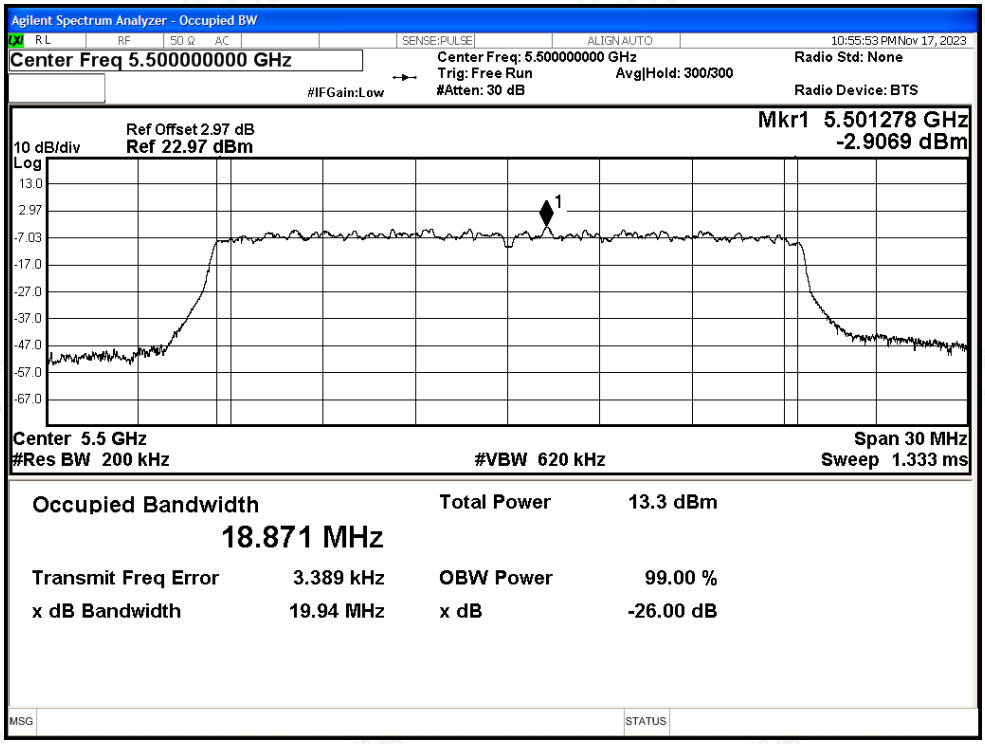


802.11ax OFDMA-(242 Tone)

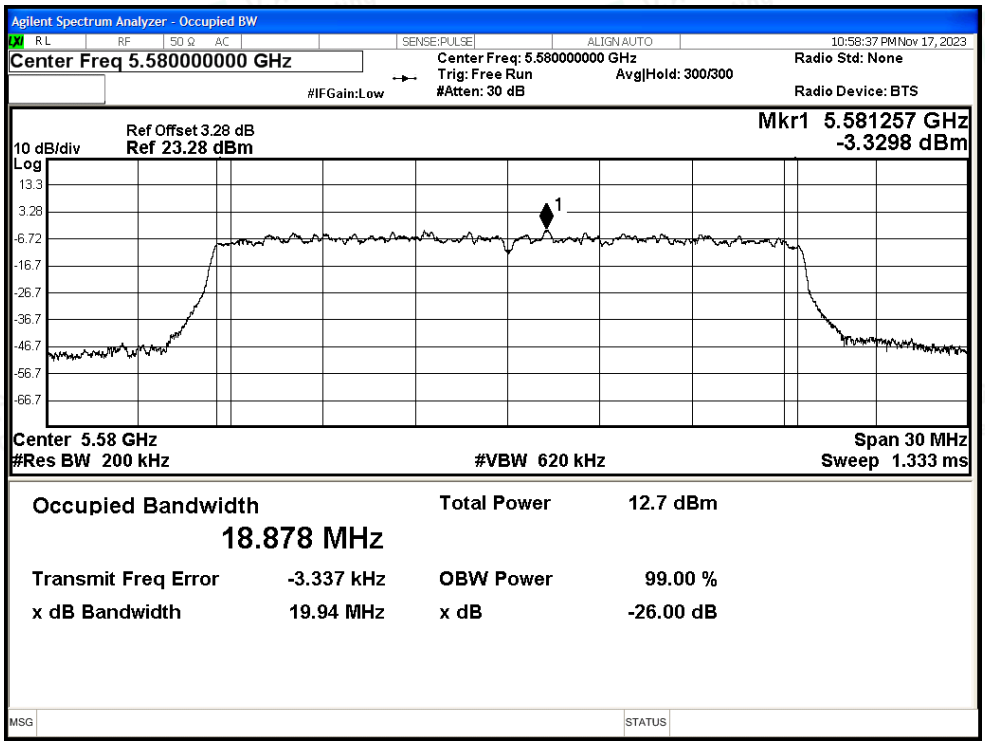
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant0	18.871
NVNT	ax20	5580	Ant0	18.878
NVNT	ax20	5700	Ant0	18.874
NVNT	ax40	5510	Ant0	18.742
NVNT	ax40	5550	Ant0	18.742
NVNT	ax40	5670	Ant0	18.736
NVNT	ax80	5530	Ant0	18.961
NVNT	ax80	5610	Ant0	18.979

Test Graphs

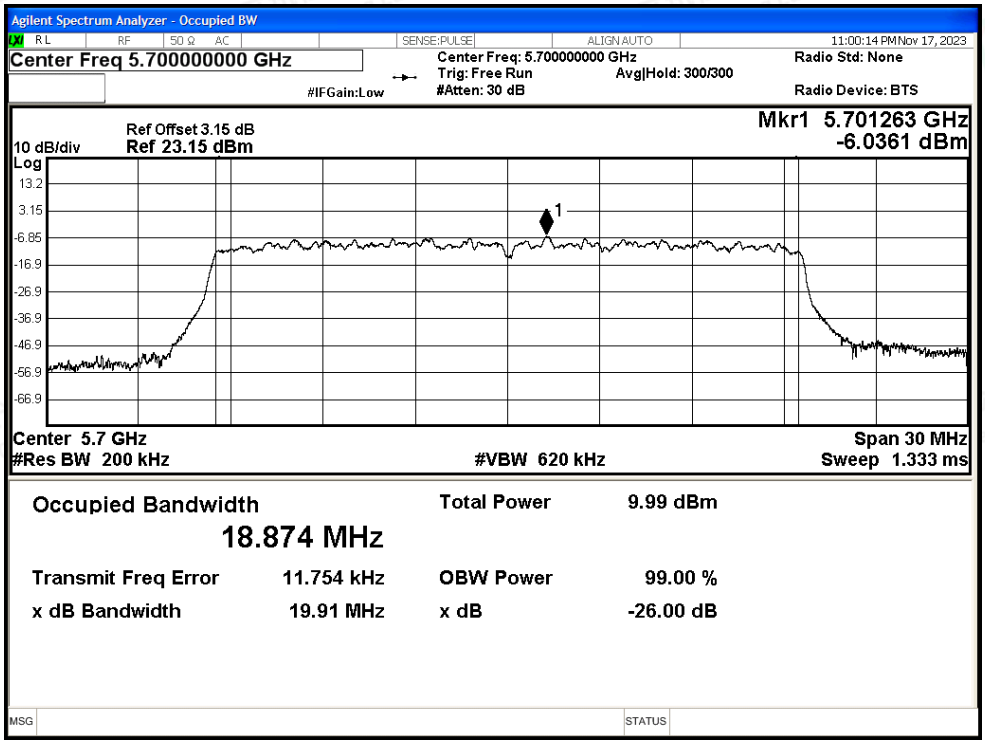
OBW NVNT ax20 5500MHz Ant0



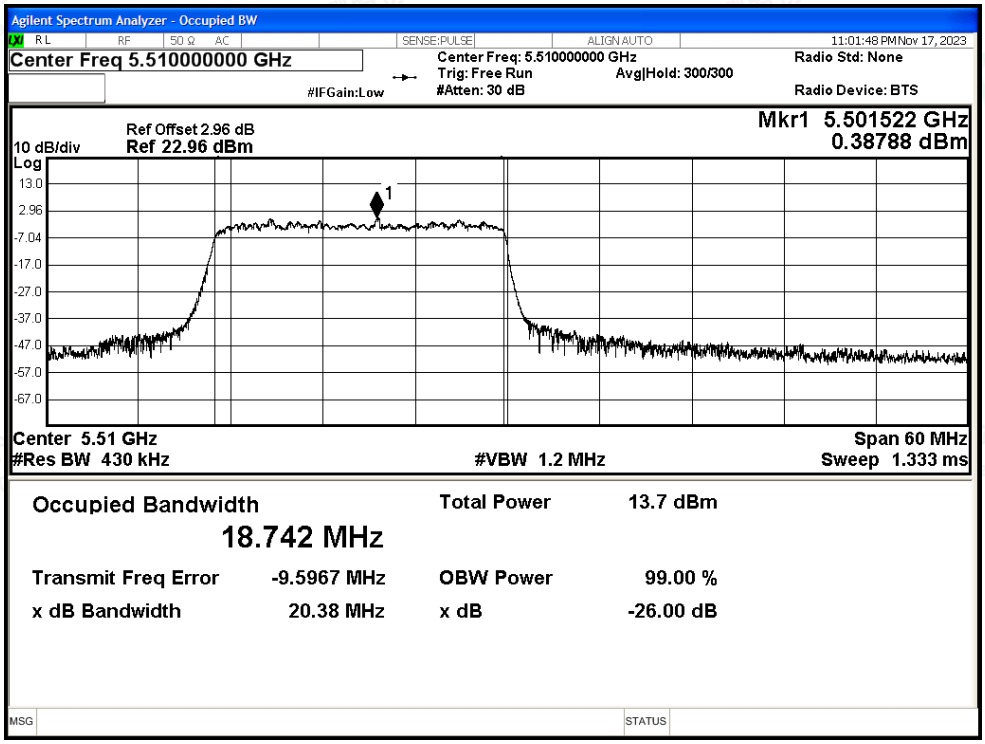
OBW NVNT ax20 5580MHz Ant0



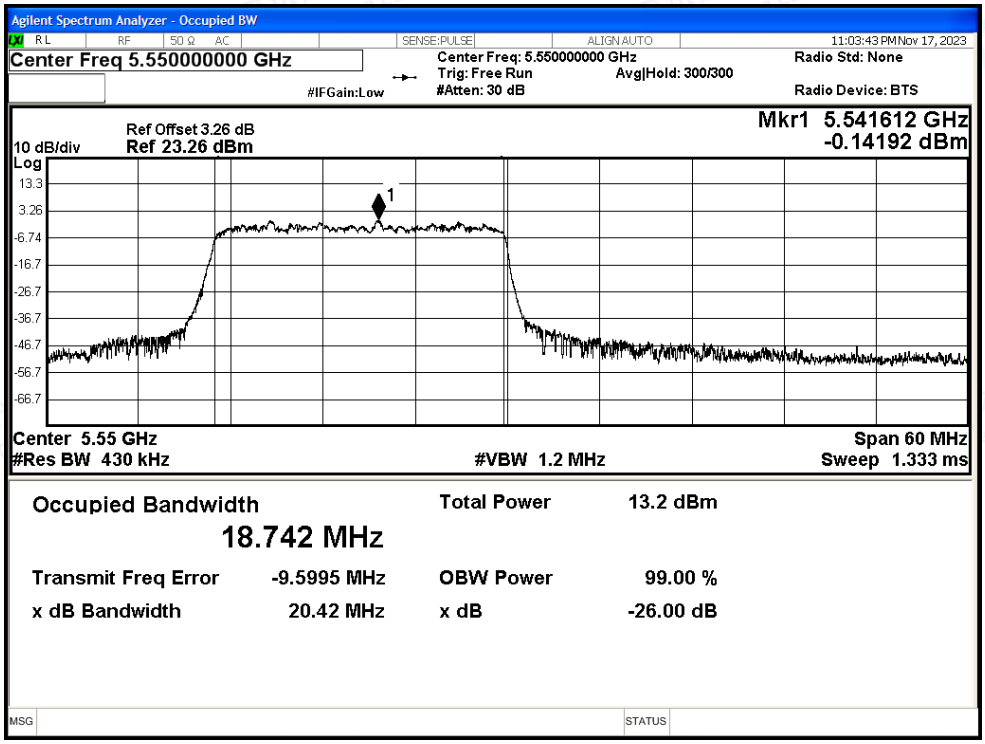
OBW NVNT ax20 5700MHz Ant0



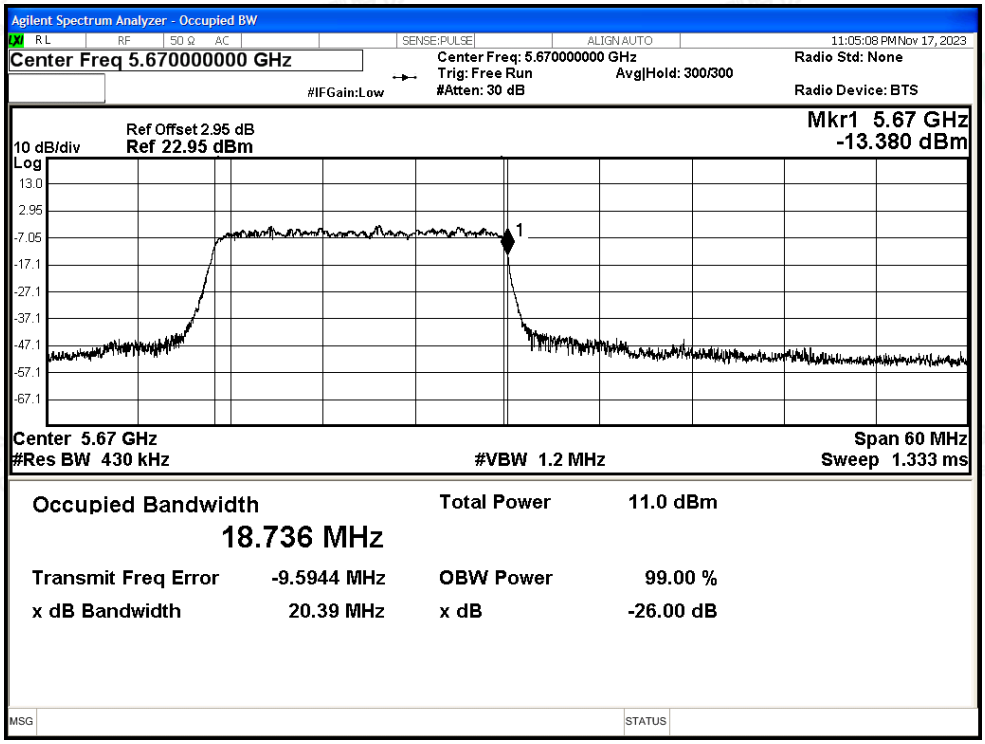
OBW NVNT ax40 5510MHz Ant0



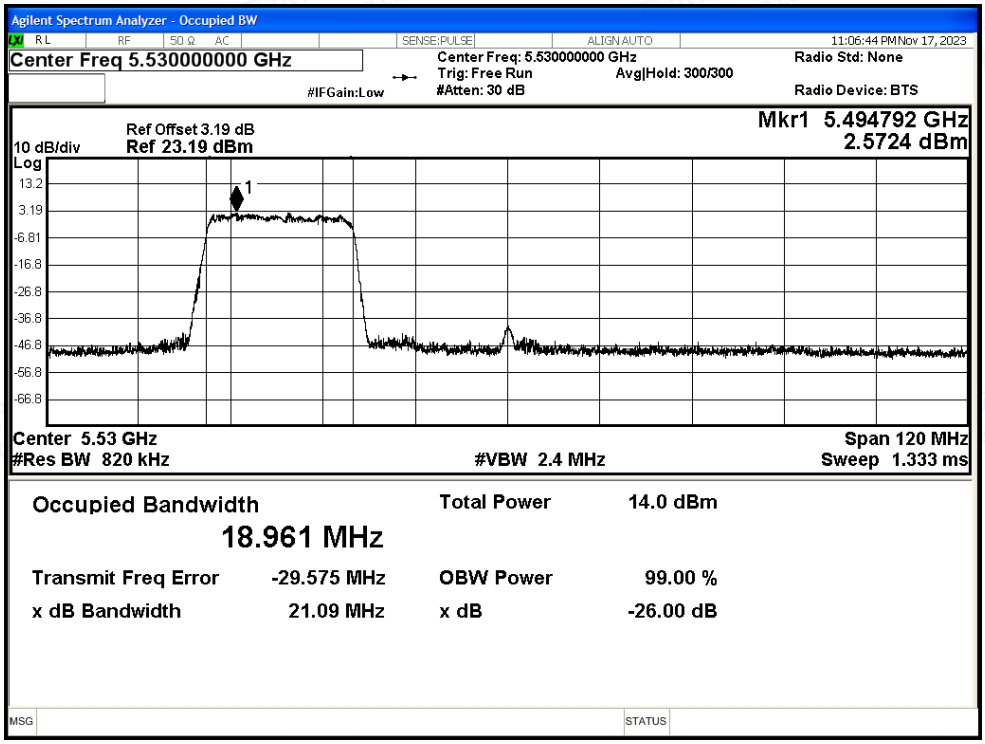
OBW NVNT ax40 5550MHz Ant0



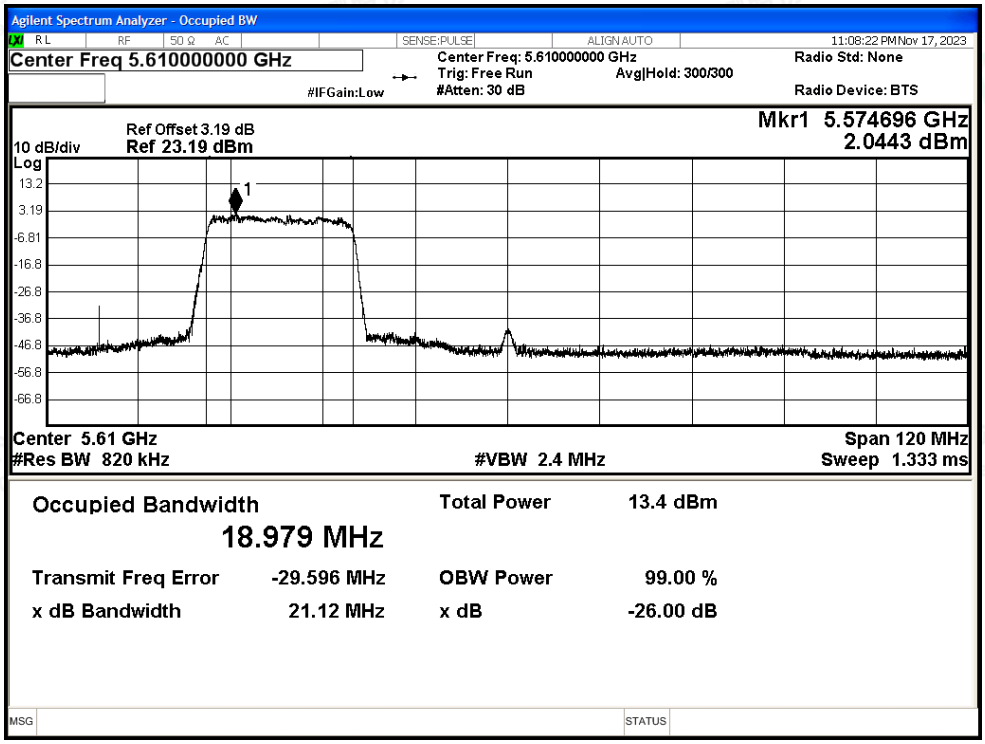
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



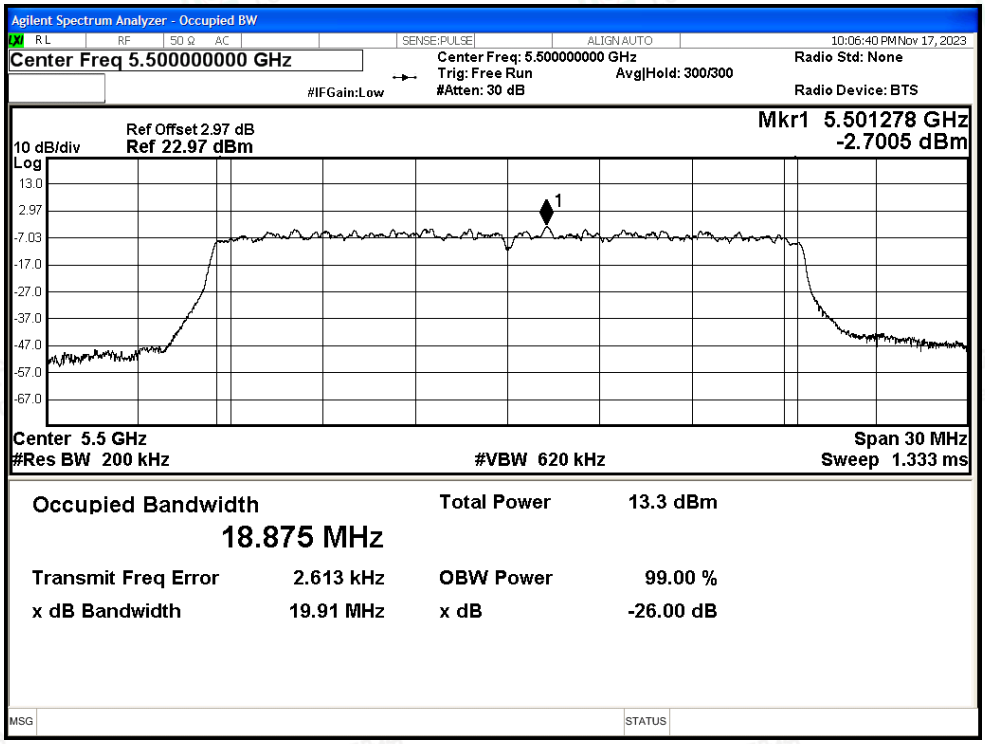
OBW NVNT ax80 5610MHz Ant0



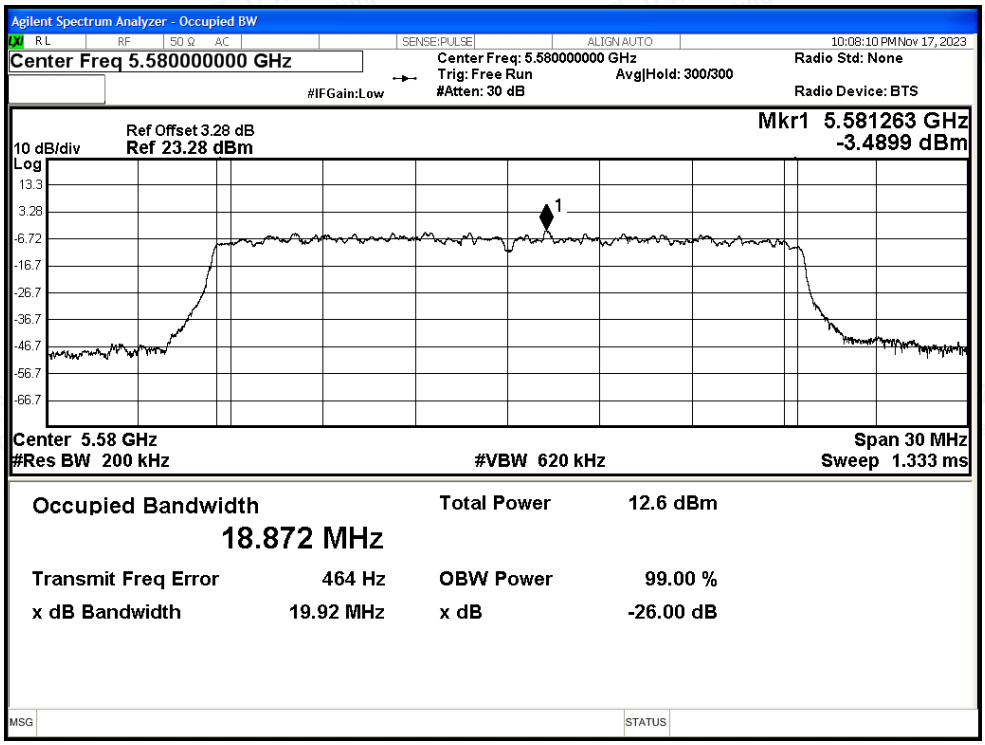
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5500	Ant1	18.875
NVNT	ax20	5580	Ant1	18.872
NVNT	ax20	5700	Ant1	18.875
NVNT	ax40	5510	Ant1	18.734
NVNT	ax40	5550	Ant1	18.742
NVNT	ax40	5670	Ant1	18.736
NVNT	ax80	5530	Ant1	18.985
NVNT	ax80	5610	Ant1	18.972

Test Graphs

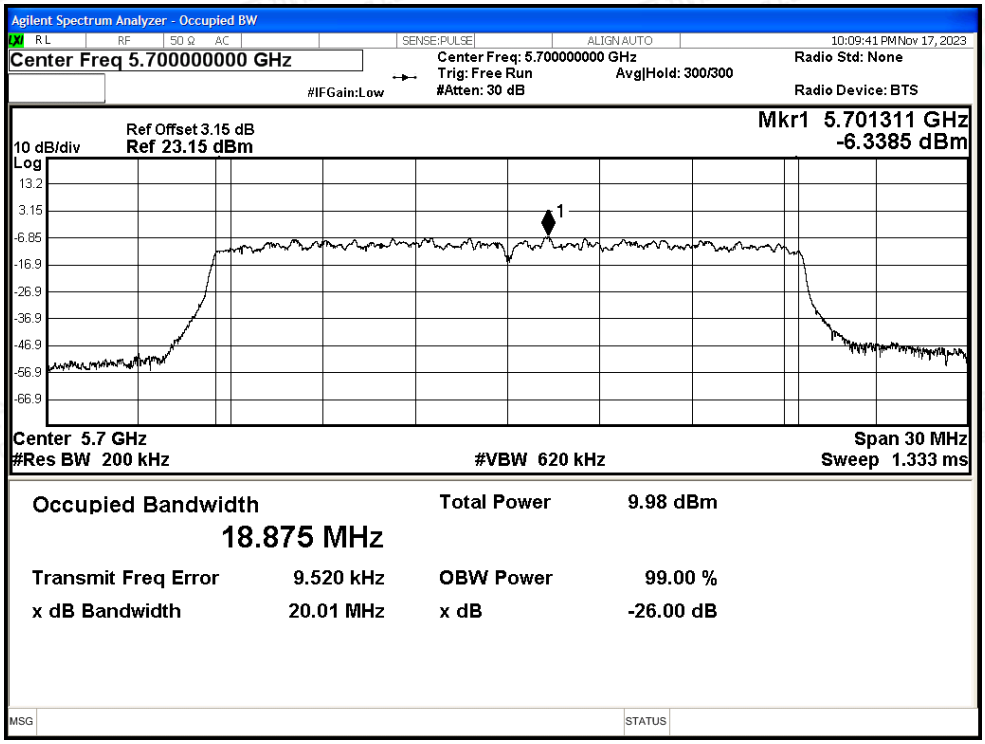
OBW NVNT ax20 5500MHz Ant1



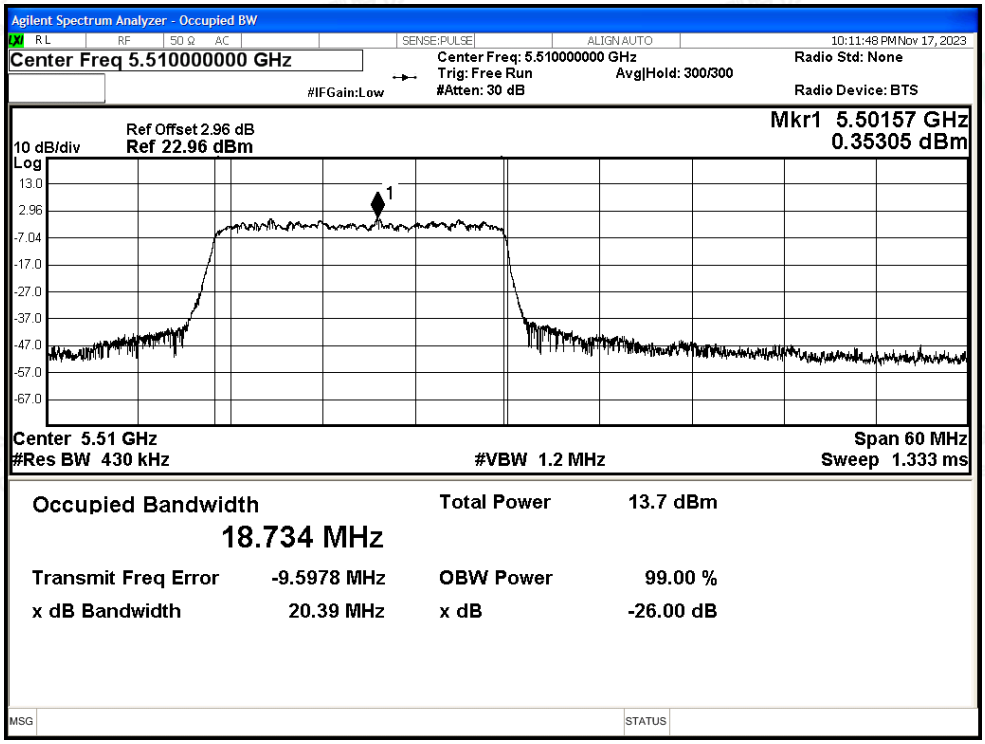
OBW NVNT ax20 5580MHz Ant1



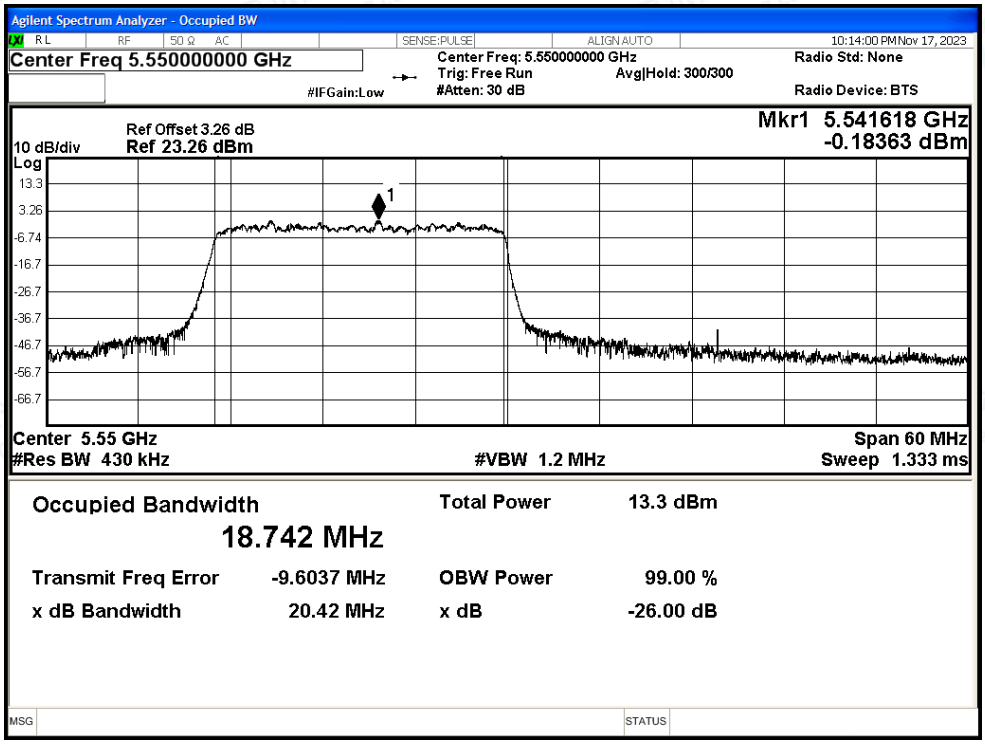
OBW NVNT ax20 5700MHz Ant1



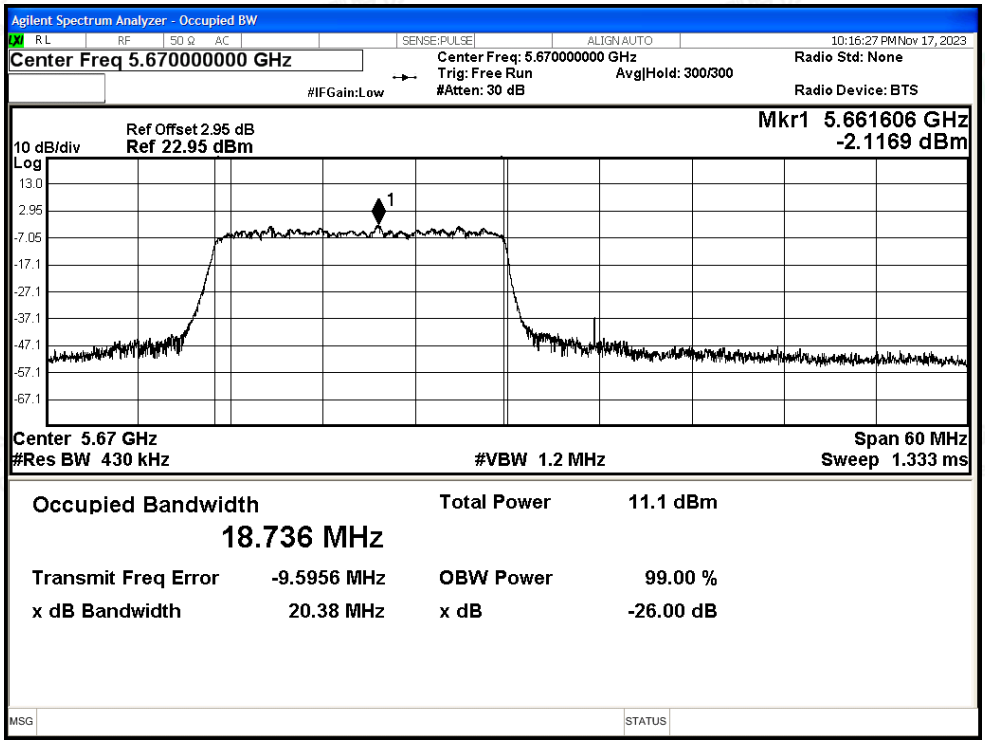
OBW NVNT ax40 5510MHz Ant1



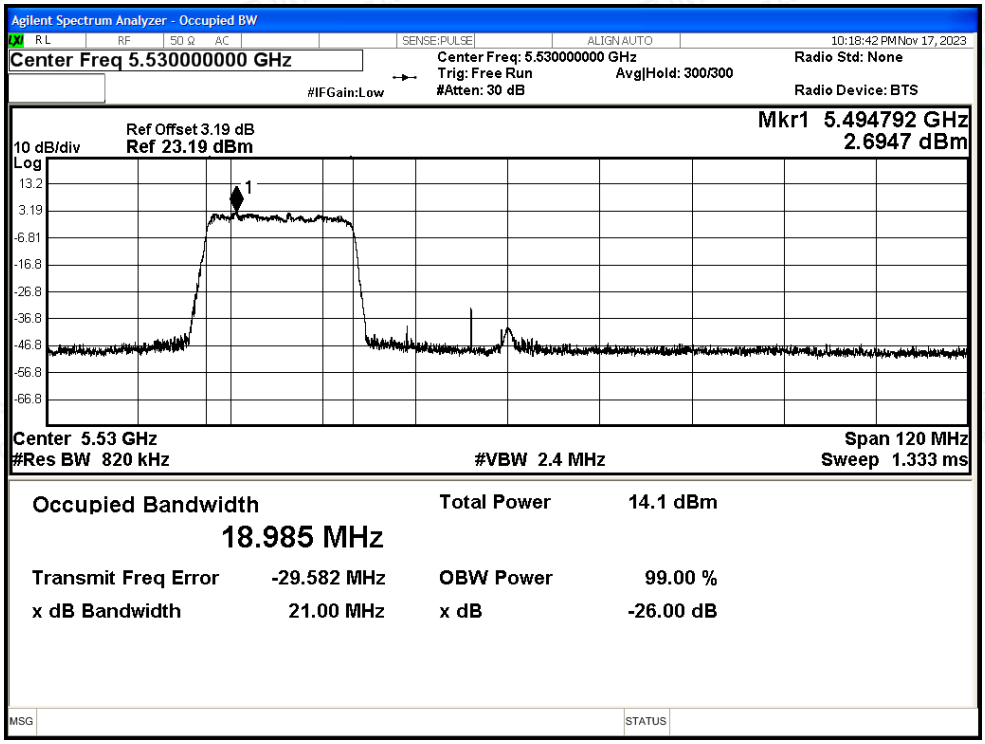
OBW NVNT ax40 5550MHz Ant1



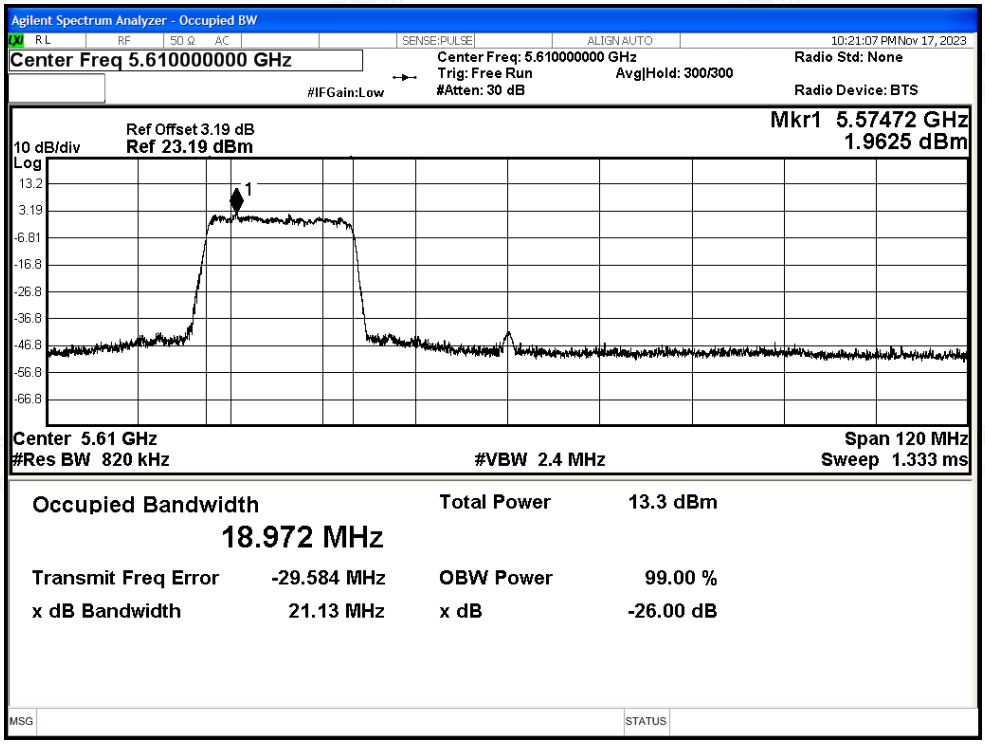
OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1

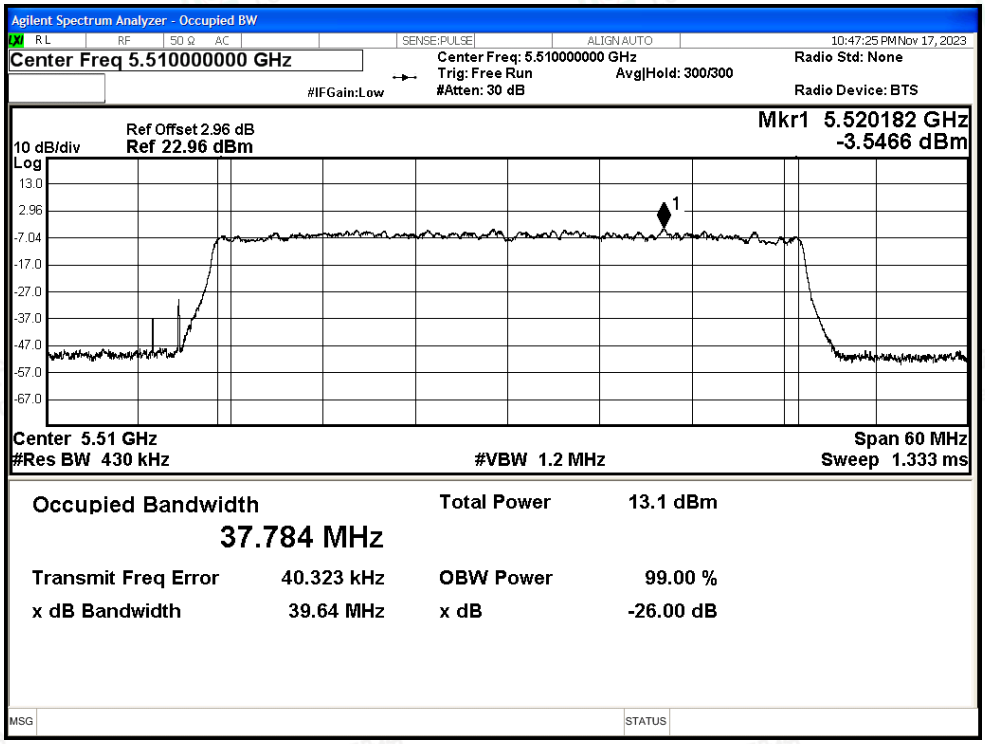


802.11ax OFDMA-(484Tone)

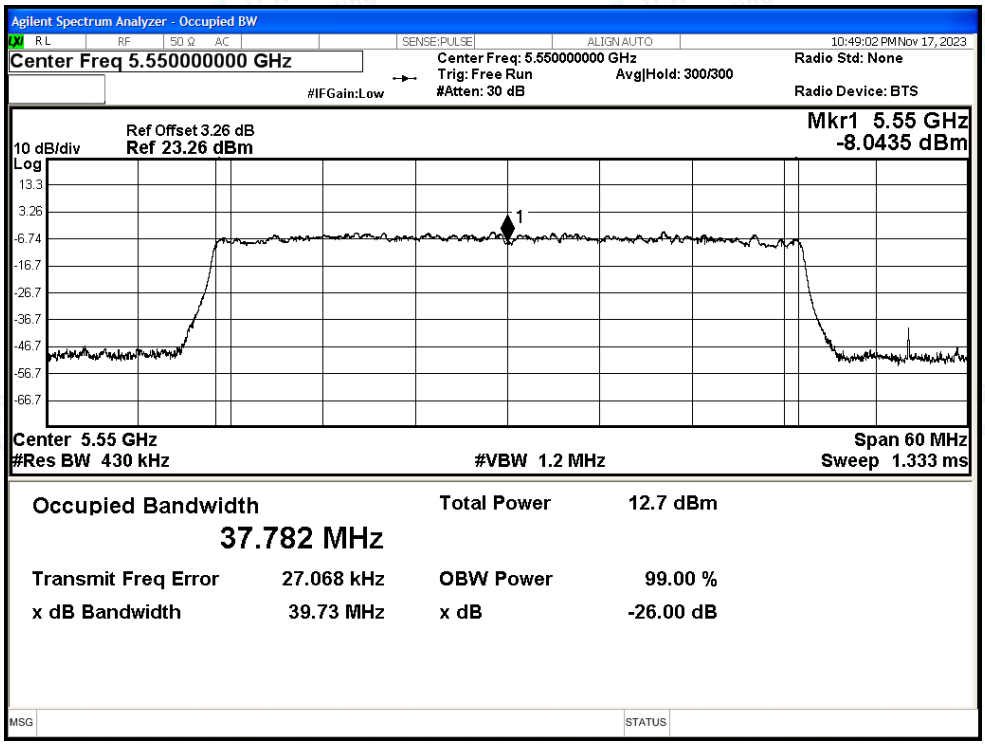
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax40	5510	Ant0	37.784
NVNT	ax40	5550	Ant0	37.782
NVNT	ax40	5670	Ant0	37.814
NVNT	ax80	5530	Ant0	37.632
NVNT	ax80	5610	Ant0	37.627

Test Graphs

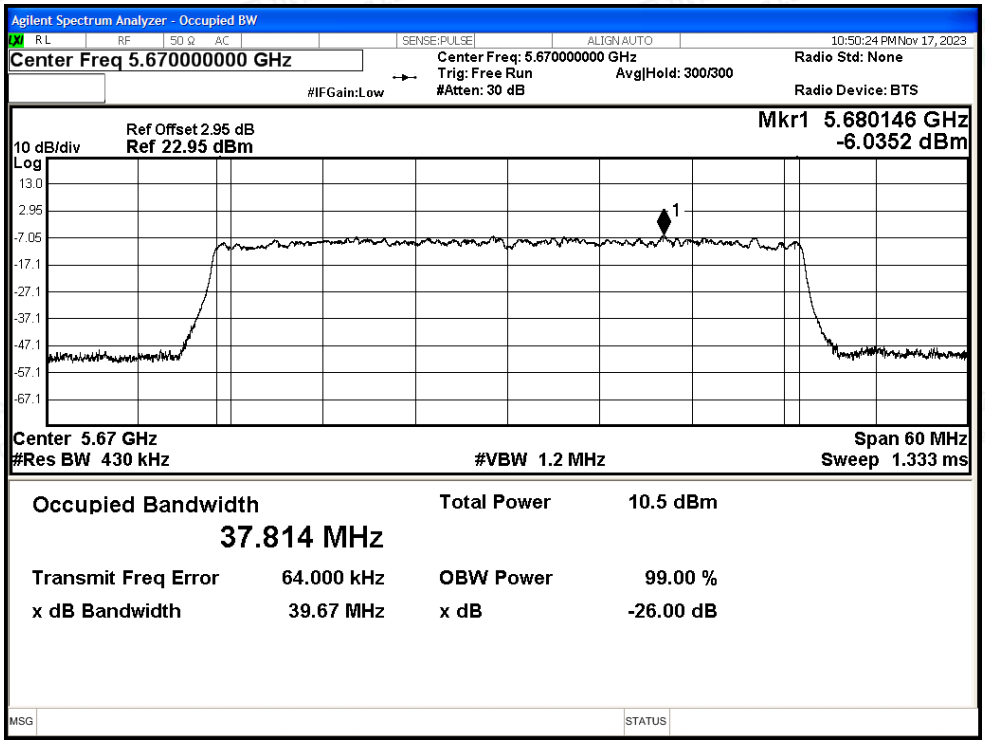
OBW NVNT ax40 5510MHz Ant0



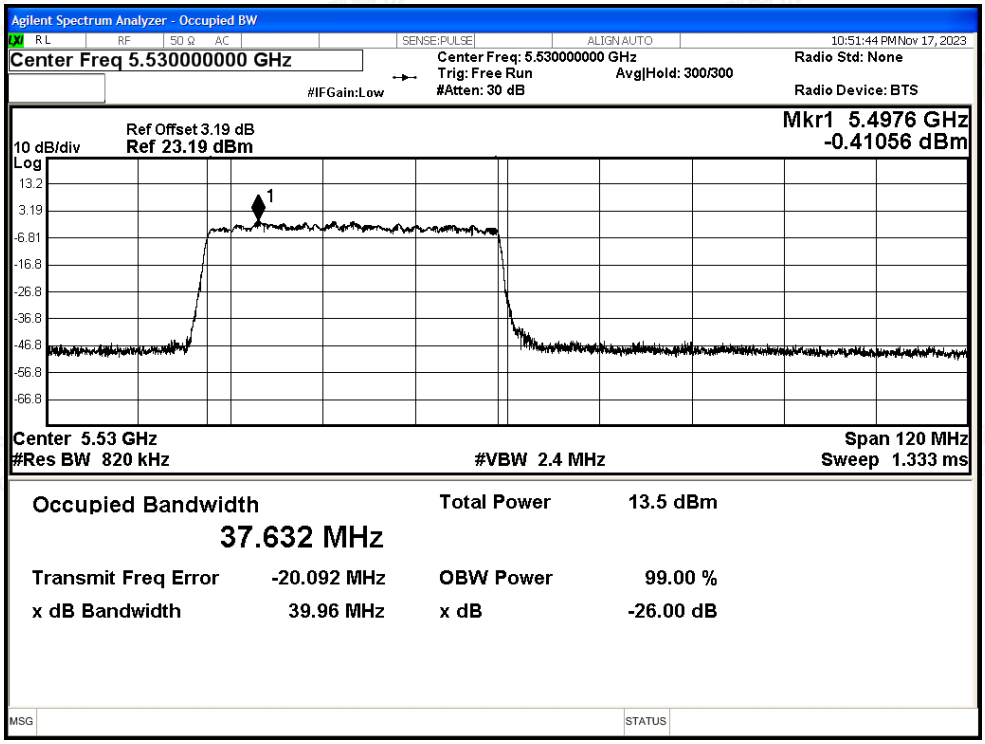
OBW NVNT ax40 5550MHz Ant0



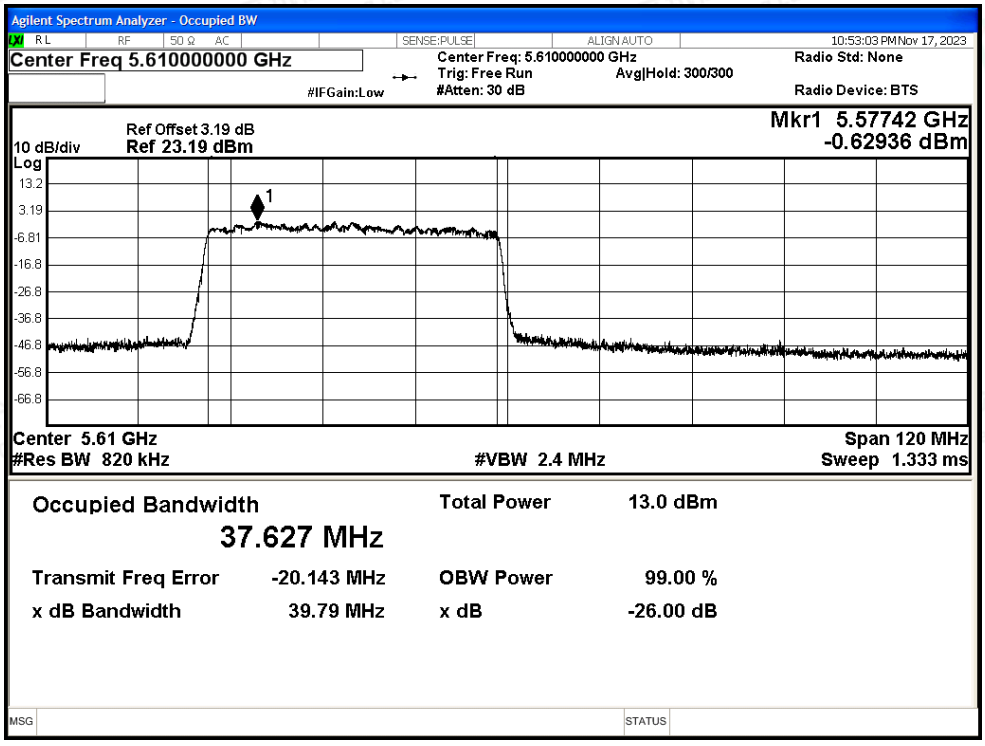
OBW NVNT ax40 5670MHz Ant0



OBW NVNT ax80 5530MHz Ant0



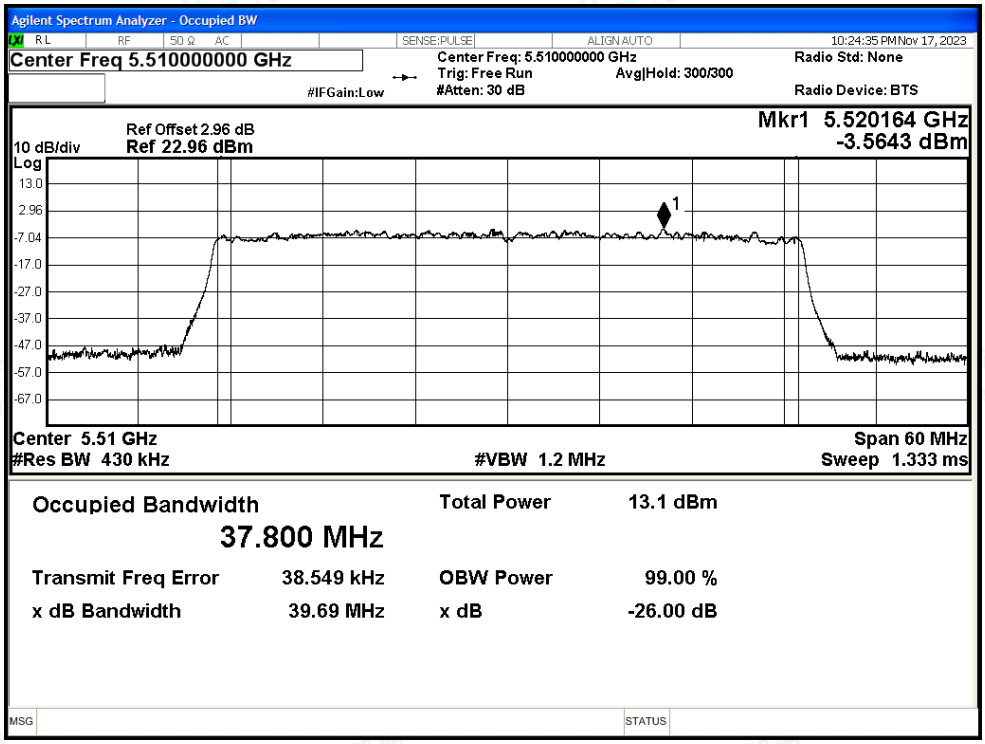
OBW NVNT ax80 5610MHz Ant0



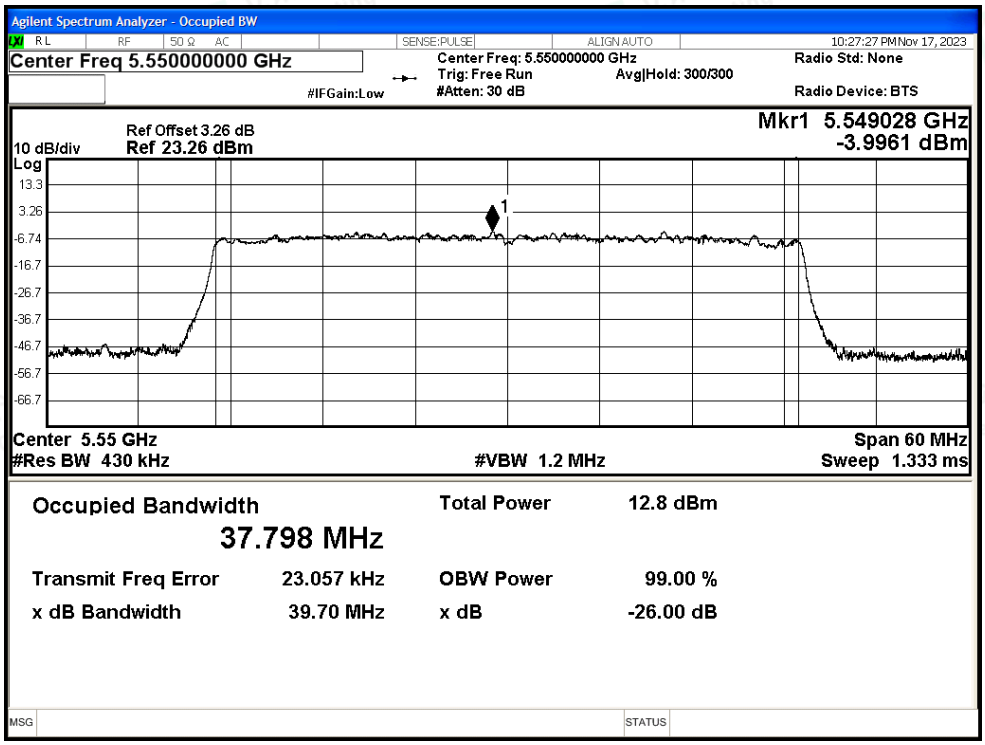
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax40	5510	Ant1	37.8
NVNT	ax40	5550	Ant1	37.798
NVNT	ax40	5670	Ant1	37.827
NVNT	ax80	5530	Ant1	37.642
NVNT	ax80	5610	Ant1	37.637

Test Graphs

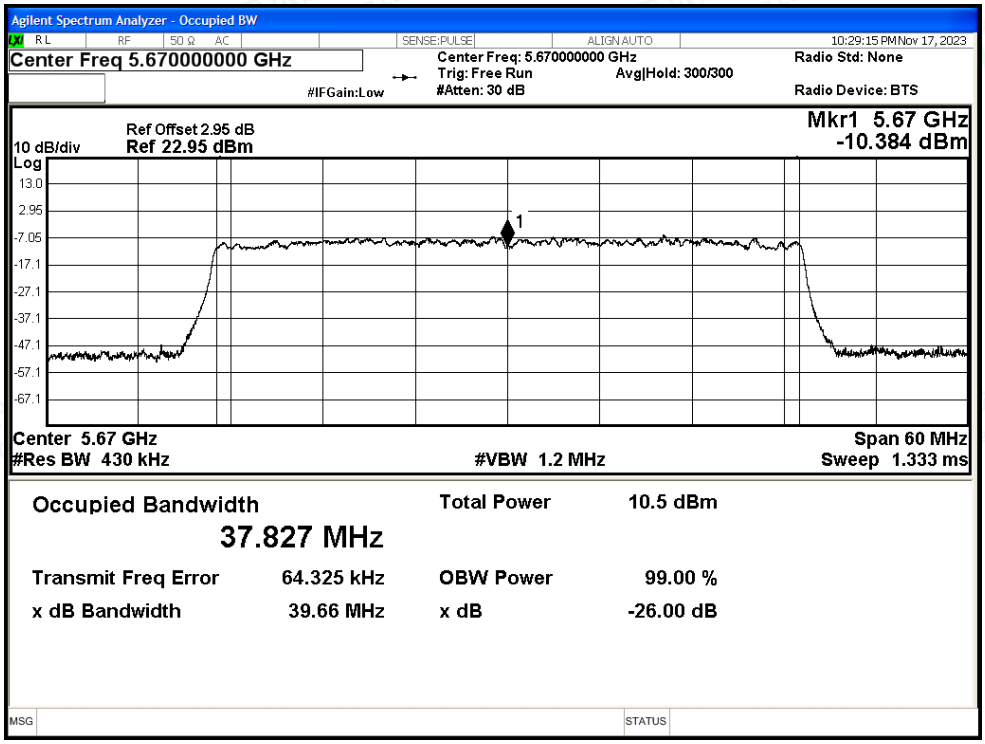
OBW NVNT ax40 5510MHz Ant1



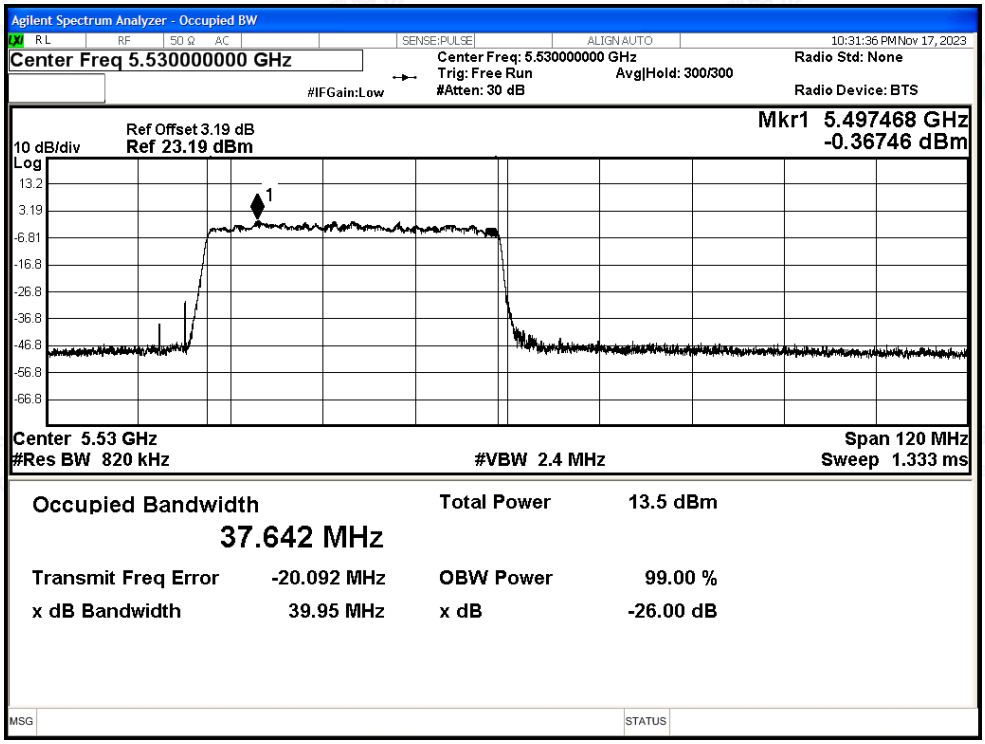
OBW NVNT ax40 5550MHz Ant1



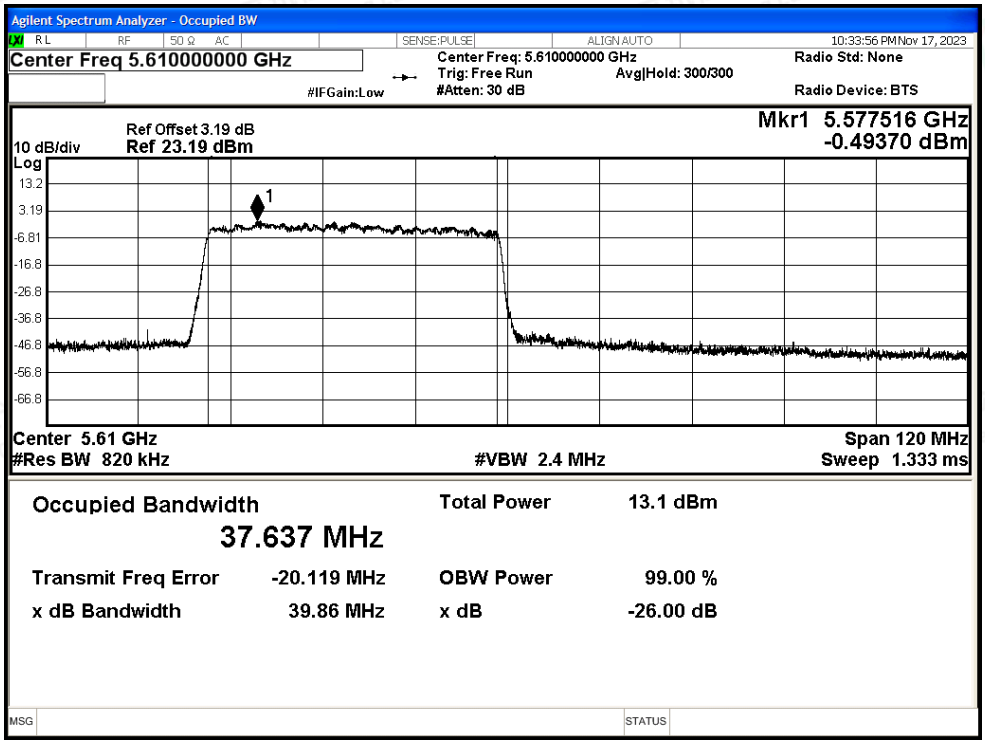
OBW NVNT ax40 5670MHz Ant1



OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1

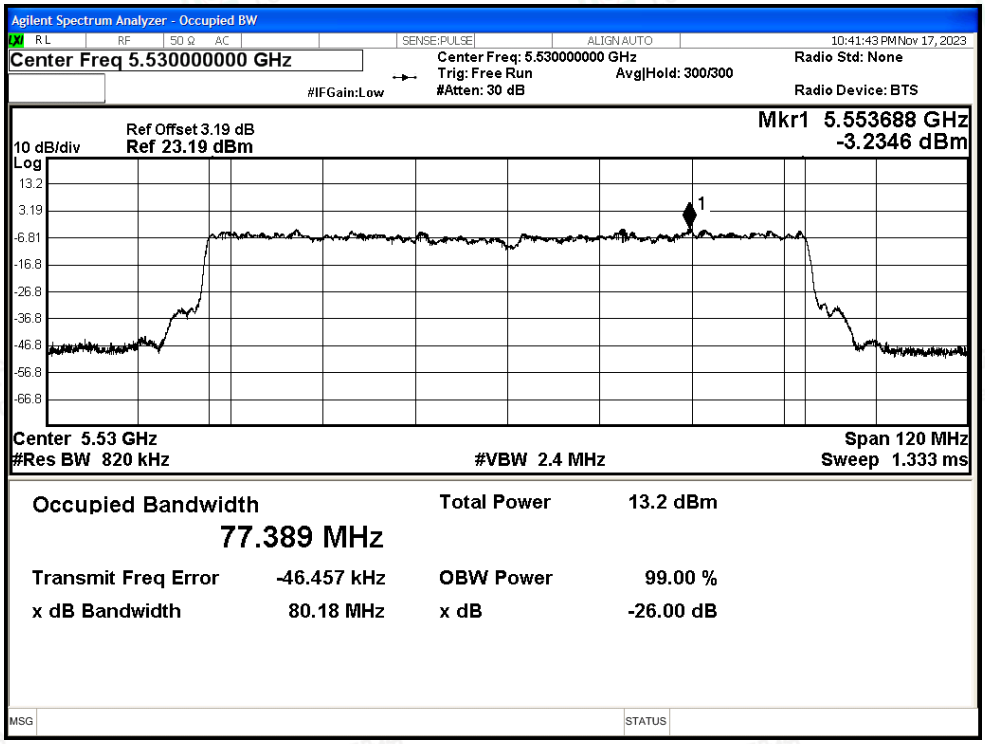


802.11ax OFDMA-(996Tone)

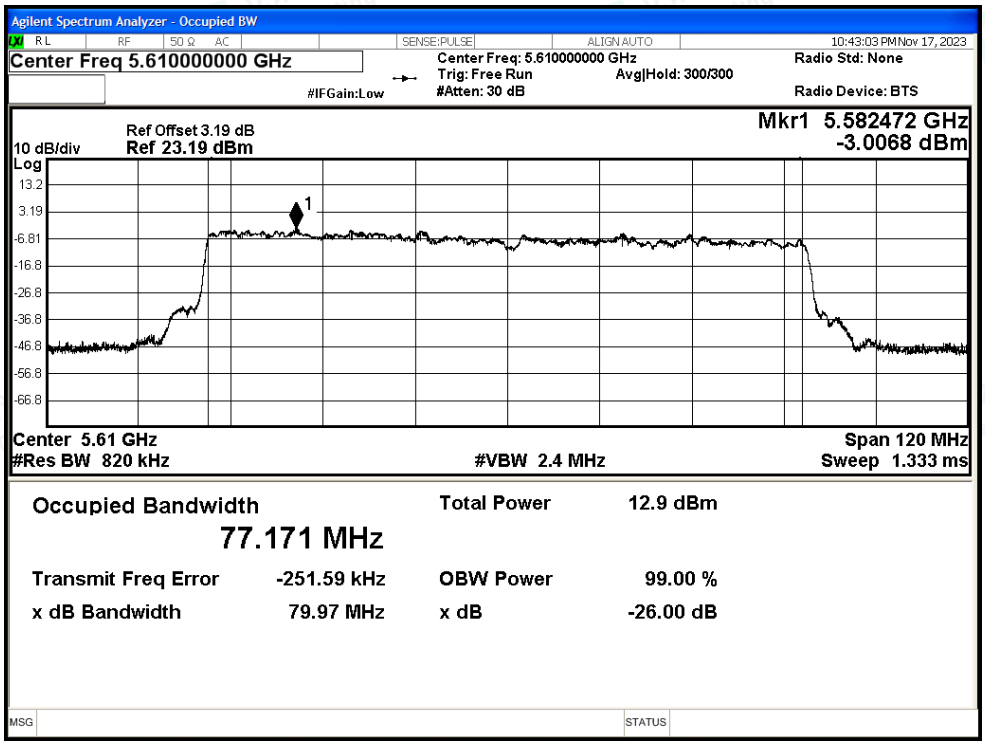
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax80	5530	Ant0	77.389
NVNT	ax80	5610	Ant0	77.171

Test Graphs

OBW NVNT ax80 5530MHz Ant0



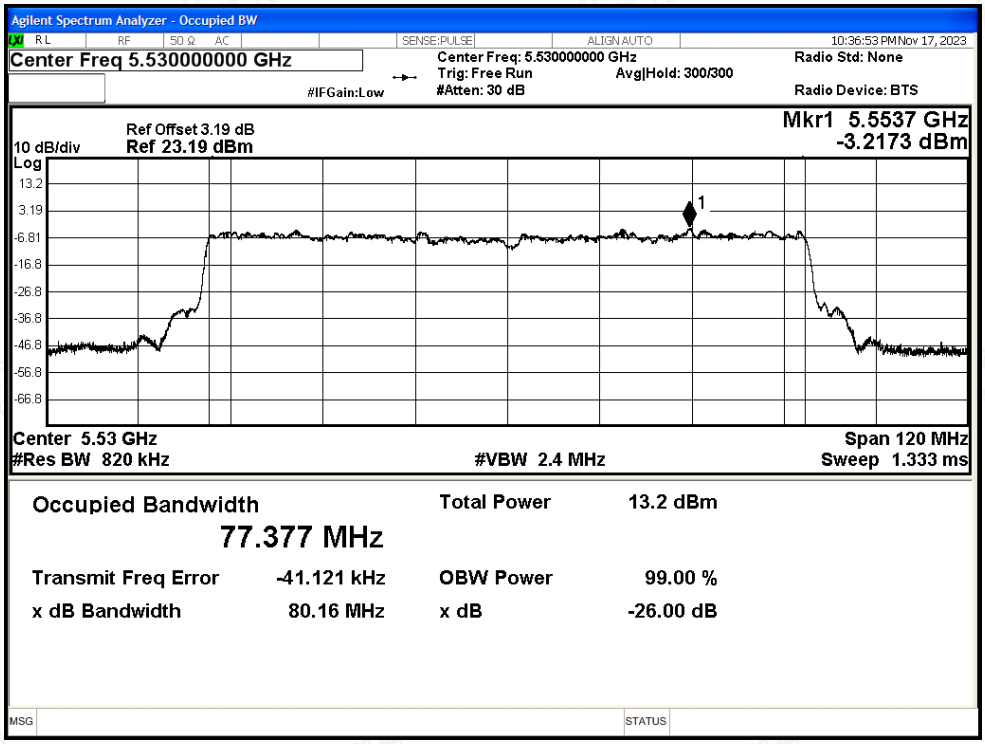
OBW NVNT ax80 5610MHz Ant0



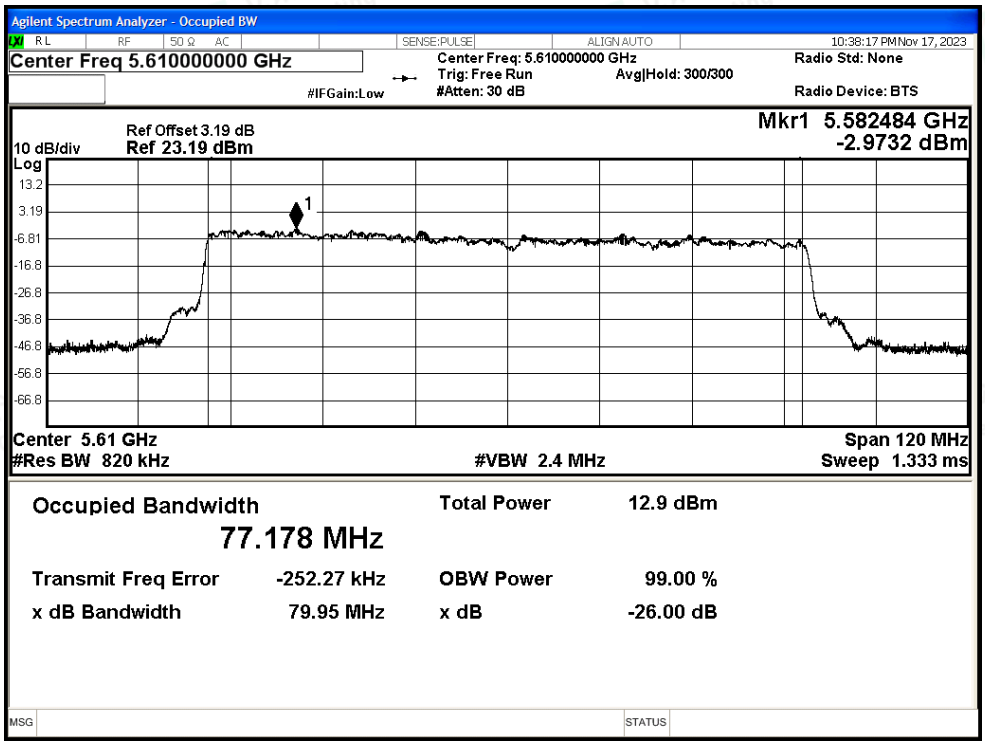
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax80	5530	Ant1	77.377
NVNT	ax80	5610	Ant1	77.178

Test Graphs

OBW NVNT ax80 5530MHz Ant1



OBW NVNT ax80 5610MHz Ant1



B.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant0	7.3	0	7.3	23.13	Pass
NVNT	a	5580	Ant0	7.71	0	7.71	23.13	Pass
NVNT	a	5700	Ant0	7.24	0	7.24	23.13	Pass
NVNT	n20	5500	Ant0	7.36	0	7.36	23.13	Pass
NVNT	n20	5580	Ant0	7.46	0	7.46	23.13	Pass
NVNT	n20	5700	Ant0	7.11	0	7.11	23.13	Pass
NVNT	n40	5510	Ant0	6.84	0	6.84	24.00	Pass
NVNT	n40	5550	Ant0	7.23	0	7.23	24.00	Pass
NVNT	n40	5670	Ant0	7.3	0	7.3	24.00	Pass
NVNT	ac20	5500	Ant0	7.09	0	7.09	23.12	Pass
NVNT	ac20	5580	Ant0	7.49	0	7.49	23.13	Pass
NVNT	ac20	5700	Ant0	8.77	0	8.77	23.16	Pass
NVNT	ac40	5510	Ant0	6.82	0	6.82	24.00	Pass
NVNT	ac40	5550	Ant0	7.16	0	7.16	24.00	Pass
NVNT	ac40	5670	Ant0	7.33	0	7.33	24.00	Pass
NVNT	ac80	5530	Ant0	7.36	0	7.36	24.00	Pass
NVNT	ac80	5610	Ant0	7.3	0	7.3	24.00	Pass
NVNT	ax20	5500	Ant0	7.61	0	7.61	23.76	Pass
NVNT	ax20	5580	Ant0	7.87	0	7.87	23.75	Pass
NVNT	ax20	5700	Ant0	7.79	0	7.79	23.76	Pass
NVNT	ax40	5510	Ant0	7.28	0	7.28	24.00	Pass
NVNT	ax40	5550	Ant0	7.74	0	7.74	24.00	Pass
NVNT	ax40	5670	Ant0	7.32	0	7.32	24.00	Pass
NVNT	ax80	5530	Ant0	7.35	0	7.35	24.00	Pass
NVNT	ax80	5610	Ant0	7.30	0	7.30	24.00	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	6.93	0	6.93	23.13	Pass
NVNT	a	5580	Ant1	7.26	0	7.26	23.13	Pass
NVNT	a	5700	Ant1	7.73	0	7.73	23.13	Pass
NVNT	n20	5500	Ant1	6.86	0	6.86	23.13	Pass
NVNT	n20	5580	Ant1	7.38	0	7.38	23.13	Pass
NVNT	n20	5700	Ant1	7.69	0	7.69	23.16	Pass
NVNT	n40	5510	Ant1	7.17	0	7.17	24.00	Pass
NVNT	n40	5550	Ant1	7.2	0	7.2	24.00	Pass
NVNT	n40	5670	Ant1	7.29	0	7.29	24.00	Pass
NVNT	ac20	5500	Ant1	7.07	0	7.07	23.12	Pass
NVNT	ac20	5580	Ant1	7.31	0	7.31	23.13	Pass
NVNT	ac20	5700	Ant1	6.8	0	6.8	23.13	Pass
NVNT	ac40	5510	Ant1	6.86	0	6.86	24.00	Pass
NVNT	ac40	5550	Ant1	7.34	0	7.34	24.00	Pass
NVNT	ac40	5670	Ant1	7.48	0	7.48	24.00	Pass
NVNT	ac80	5530	Ant1	7.95	0	7.95	24.00	Pass
NVNT	ac80	5610	Ant1	7.6	0	7.6	24.00	Pass
NVNT	ax20	5500	Ant1	7.07	0	7.07	23.76	Pass
NVNT	ax20	5580	Ant1	7.11	0	7.11	23.76	Pass
NVNT	ax20	5700	Ant1	8.7	0	8.7	23.76	Pass
NVNT	ax40	5510	Ant1	7.95	0	7.95	24.00	Pass
NVNT	ax40	5550	Ant1	8.17	0	8.17	24.00	Pass
NVNT	ax40	5670	Ant1	7.45	0	7.45	24.00	Pass
NVNT	ax80	5530	Ant1	6.85	0	6.85	24.00	Pass
NVNT	ax80	5610	Ant1	6.81	0	6.81	24.00	Pass

MIMO

TestMode	Channel	Result[dBm]			Limit[dBm]	Verdict
		Ant0	Ant1	MIMO		
n20	5500	7.36	6.86	10.13	23.13	PASS
	5580	7.46	7.38	10.43	23.13	PASS
	5700	7.11	7.69	10.42	23.16	PASS
n40	5510	6.84	7.17	10.02	24.00	PASS
	5550	7.23	7.2	10.23	24.00	PASS
	5670	7.3	7.29	10.31	24.00	PASS
ac20	5500	7.09	7.07	10.09	23.12	PASS
	5580	7.49	7.31	10.41	23.13	PASS
	5700	8.77	6.8	10.91	23.13	PASS
ac40	5510	6.82	6.86	9.85	24.00	PASS
	5550	7.16	7.34	10.26	24.00	PASS
	5670	7.33	7.48	10.42	24.00	PASS
ac80	5530	7.36	7.95	10.68	24.00	PASS
	5610	7.3	7.6	10.46	24.00	PASS
ax20	5500	7.61	7.07	10.36	23.76	PASS
	5580	7.87	7.11	10.52	23.76	PASS
	5700	7.79	8.7	11.28	23.76	PASS
ax40	5510	7.28	7.95	10.64	24.00	PASS
	5550	7.74	8.17	10.97	24.00	PASS
	5670	7.32	7.45	10.40	24.00	PASS
ax80	5530	7.35	6.85	10.12	24.00	PASS
	5610	7.30	6.81	10.07	24.00	PASS

EIRP

Test Mode	Antenna	Frequency[MHz]	Maximum conducted output power [dBm]	Antenna Gain	Report EIRP Power (dBm)	Limit [dBm]	Verdict
a	Ant0	5500	7.30	0.74	8.04	29.13	PASS
		5580	7.71	0.74	8.45	29.13	PASS
		5700	7.24	0.74	7.98	29.13	PASS
n20	Ant0	5500	7.36	0.74	8.10	29.13	PASS
		5580	7.46	0.74	8.20	29.13	PASS
		5700	7.11	0.74	7.85	29.13	PASS
n40	Ant0	5510	6.84	0.74	7.58	30.00	PASS
		5550	7.23	0.74	7.97	30.00	PASS
		5670	7.30	0.74	8.04	30.00	PASS
ac20	Ant0	5500	7.09	0.74	7.83	29.12	PASS
		5580	7.49	0.74	8.23	29.13	PASS
		5700	8.77	0.74	9.51	29.16	PASS
ac40	Ant0	5510	6.82	0.74	7.56	30.00	PASS
		5550	7.16	0.74	7.90	30.00	PASS
		5670	7.33	0.74	8.07	30.00	PASS
ac80	Ant0	5530	7.36	0.74	8.10	30.00	PASS
		5610	7.30	0.74	8.04	30.00	PASS
ax20	Ant0	5500	7.61	0.74	8.35	29.76	PASS
		5580	7.87	0.74	8.61	29.75	PASS
		5700	7.79	0.74	8.53	29.76	PASS
ax40	Ant0	5510	7.28	0.74	8.02	30.00	PASS
		5550	7.74	0.74	8.48	30.00	PASS
		5670	7.32	0.74	8.06	30.00	PASS
ax80	Ant0	5530	7.35	0.74	8.09	30.00	PASS
		5610	7.30	0.74	8.04	30.00	PASS

Test Mode	Antenna	Frequency[MHz]	Maximum conducted output power [dBm]	Antenna Gain	Report EIRP Power (dBm)	Limit [dBm]	Verdict
a	Ant1	5500	6.93	1.6	8.53	29.13	PASS
		5580	7.26	1.6	8.86	29.13	PASS
		5700	7.73	1.6	9.33	29.13	PASS
n20	Ant1	5500	6.86	1.6	8.46	29.13	PASS
		5580	7.38	1.6	8.98	29.13	PASS
		5700	7.69	1.6	9.29	29.16	PASS
n40	Ant1	5510	7.17	1.6	8.77	30.00	PASS
		5550	7.20	1.6	8.80	30.00	PASS
		5670	7.29	1.6	8.89	30.00	PASS
ac20	Ant1	5500	7.07	1.6	8.67	29.12	PASS
		5580	7.31	1.6	8.91	29.13	PASS
		5700	6.80	1.6	8.40	29.13	PASS
ac40	Ant1	5510	6.86	1.6	8.46	30.00	PASS
		5550	7.34	1.6	8.94	30.00	PASS
		5670	7.48	1.6	9.08	30.00	PASS
ac80	Ant1	5530	7.95	1.6	9.55	30.00	PASS
		5610	7.60	1.6	9.20	30.00	PASS
ax20	Ant1	5500	7.07	1.6	8.67	29.76	PASS
		5580	7.11	1.6	8.71	29.76	PASS
		5700	8.70	1.6	10.3	29.76	PASS
ax40	Ant1	5510	7.95	1.6	9.55	30.00	PASS
		5550	8.17	1.6	9.77	30.00	PASS
		5670	7.45	1.6	9.05	30.00	PASS
ax80	Ant1	5530	6.85	1.6	8.45	30.00	PASS
		5610	6.81	1.6	8.41	30.00	PASS