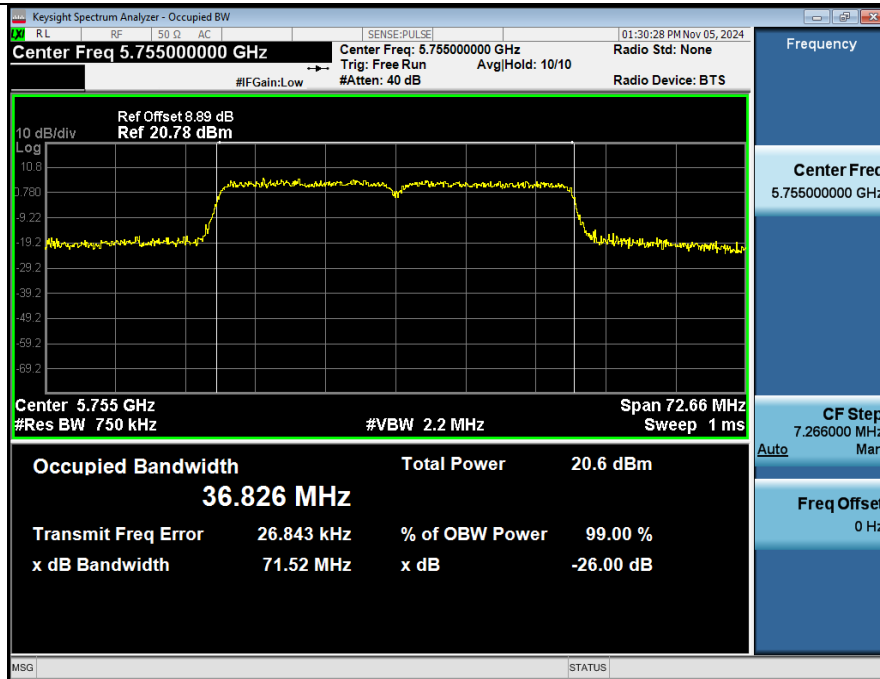


Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 94 of 311



-26BW_NVNT_ANT2_802_11ac(VHT40)_5755

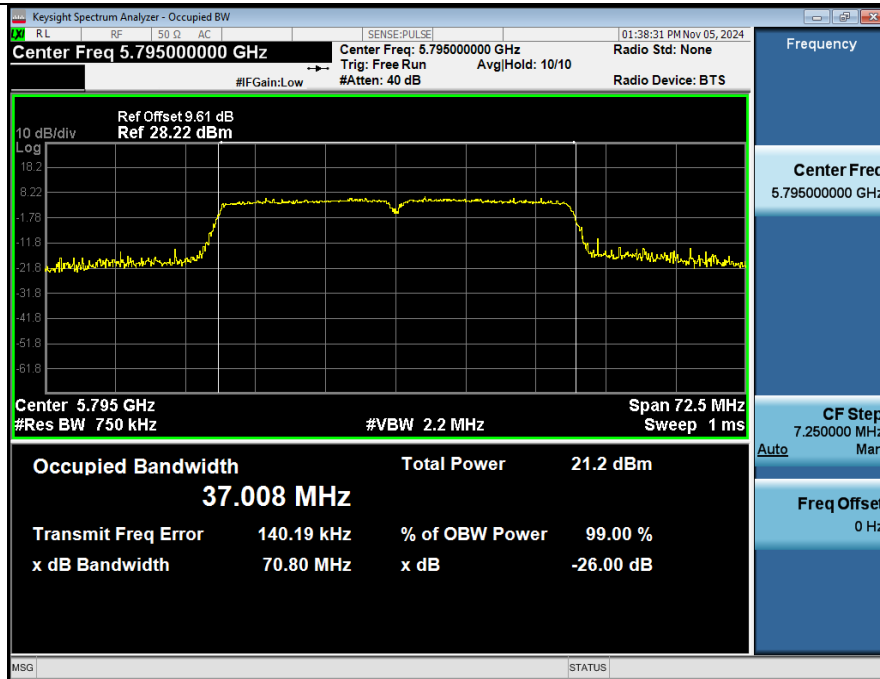


99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 95 of 311



-26BW_NVNT_ANT1_802_11ac(VHT40)_5795

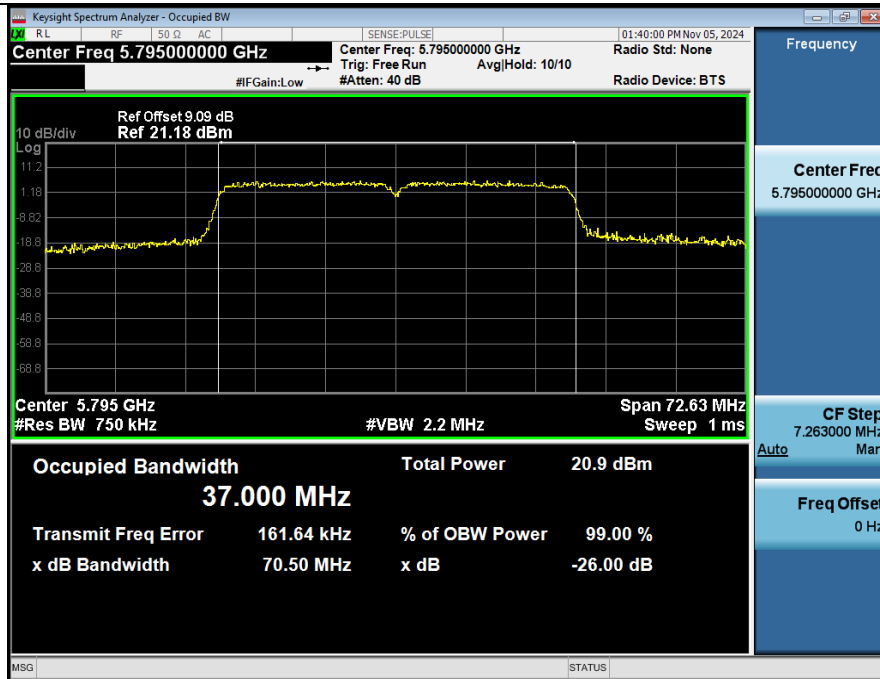


99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5795

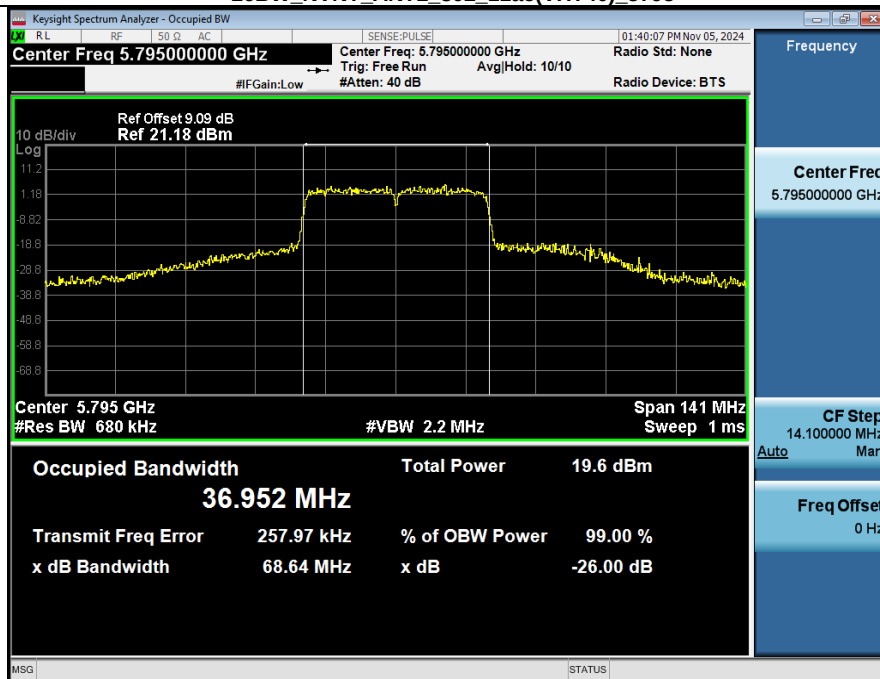
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 96 of 311



-26BW_NVNT_ANT2_802_11ac(VHT40)_5795

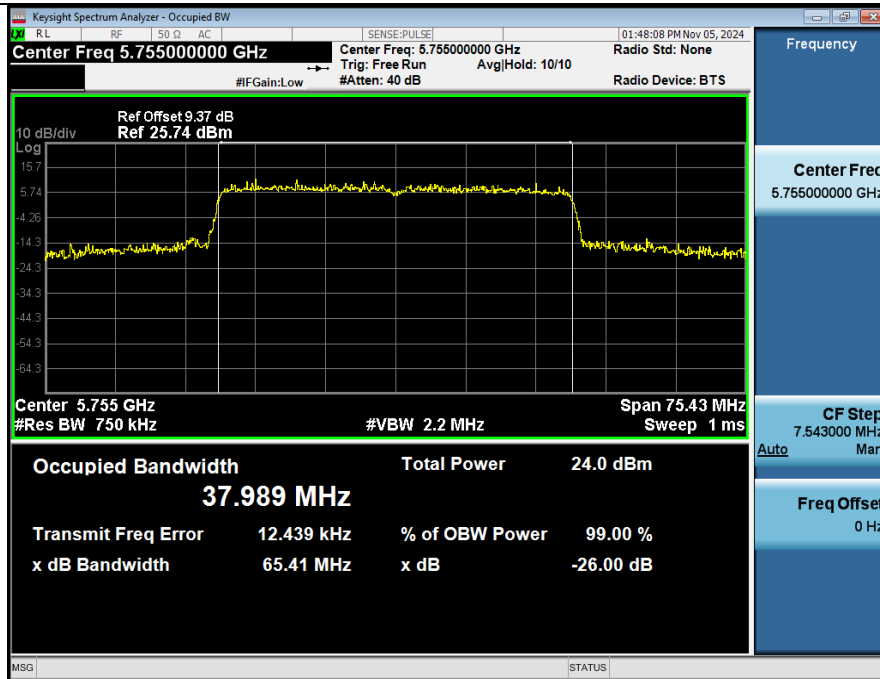


99%_OCB_NVNT_ANT1_802_11ax(HE40)_5755

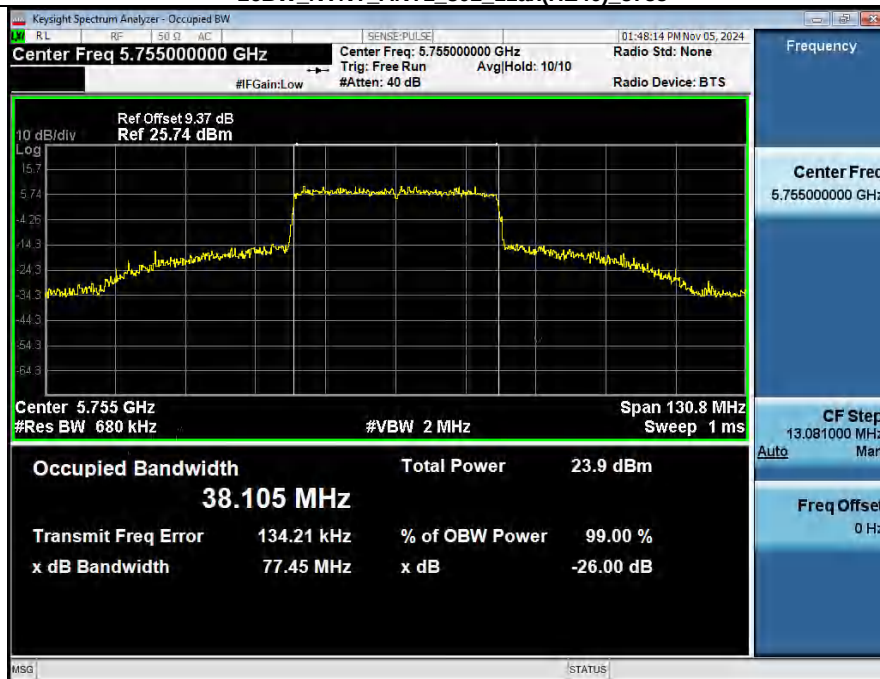
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 97 of 311



-26BW_NVNT_ANT1_802_11ax(HE40)_5755

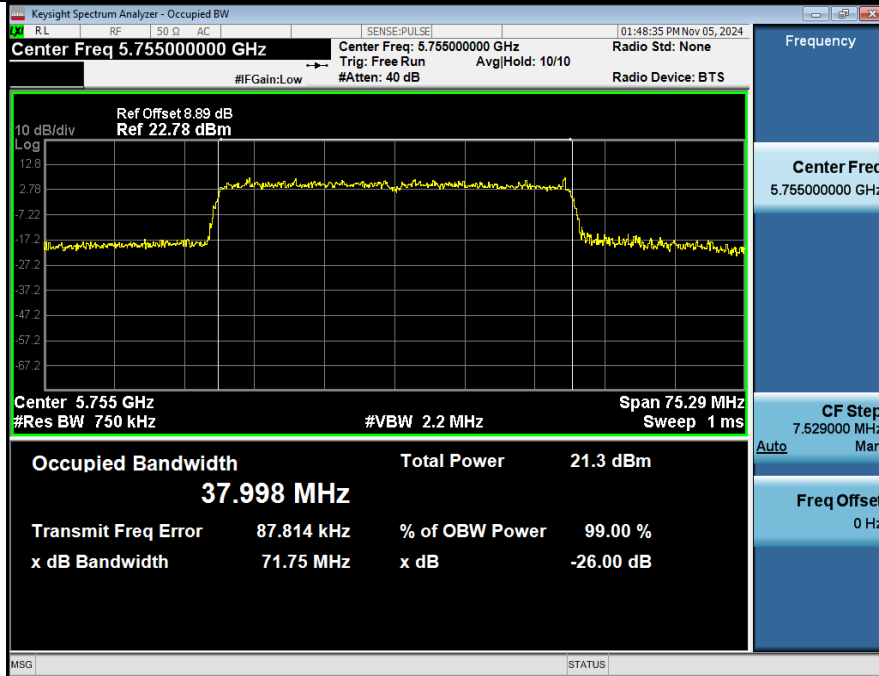


99%_OCB_NVNT_ANT2_802_11ax(HE40)_5755

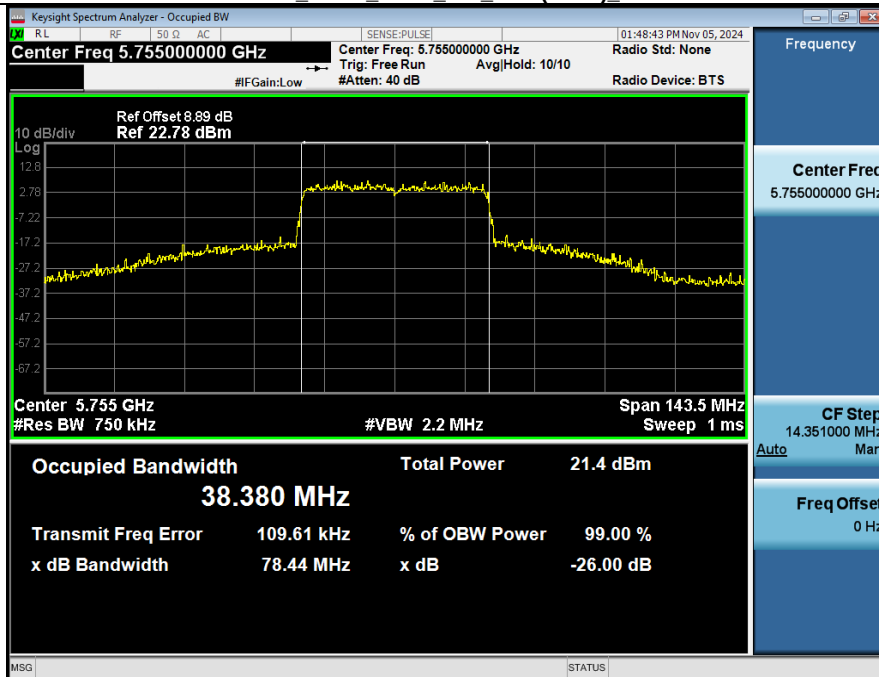
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 98 of 311



-26BW_NVNT_ANT2_802_11ax(HE40)_5755

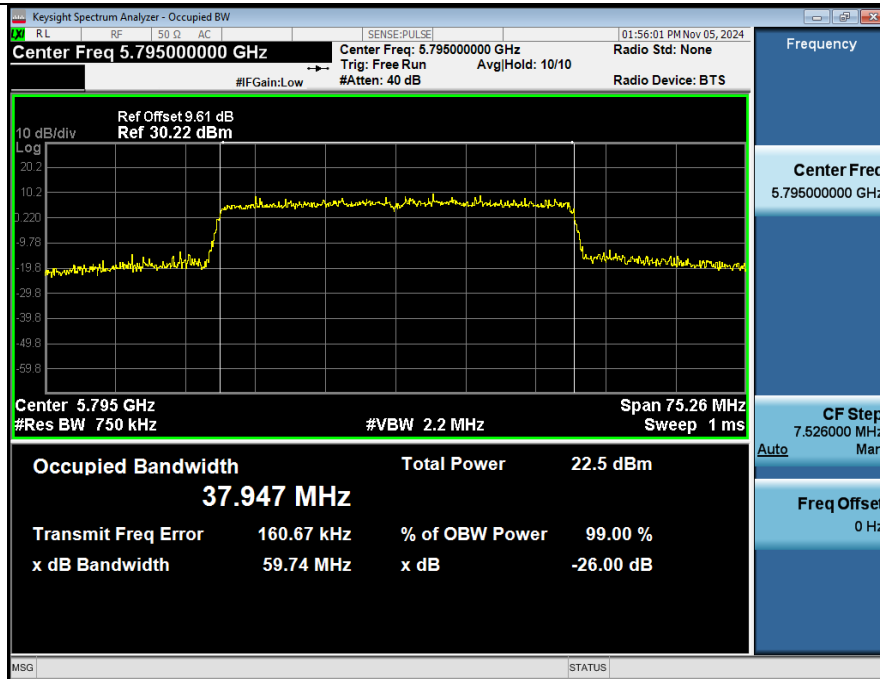


99%_OCB_NVNT_ANT1_802_11ax(HE40)_5795

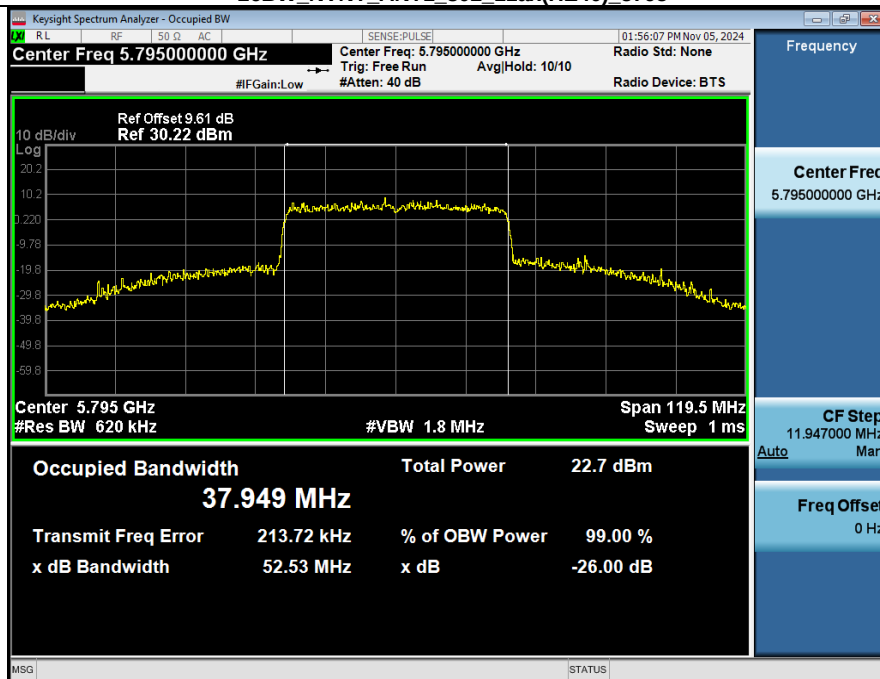
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 99 of 311



-26BW_NVNT_ANT1_802_11ax(HE40)_5795

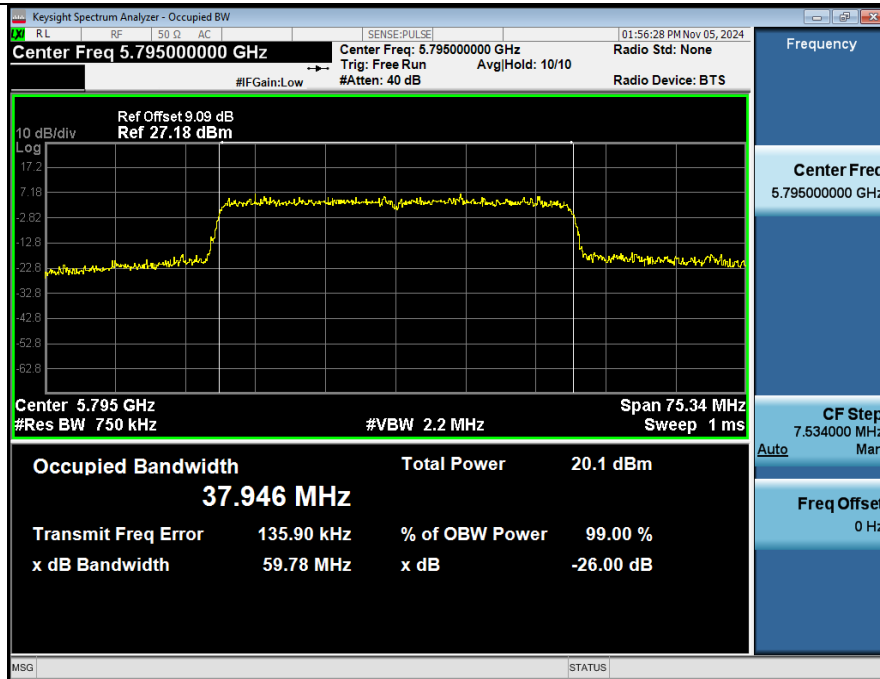


99%_OCB_NVNT_ANT2_802_11ax(HE40)_5795

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 100 of 311



-26BW_NVNT_ANT2_802_11ax(HE40)_5795

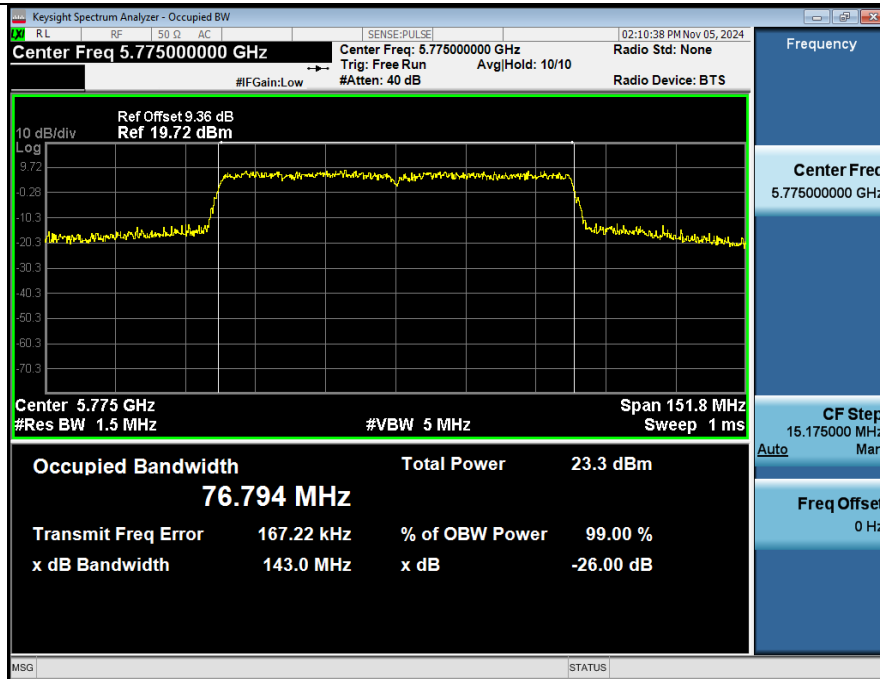


99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775

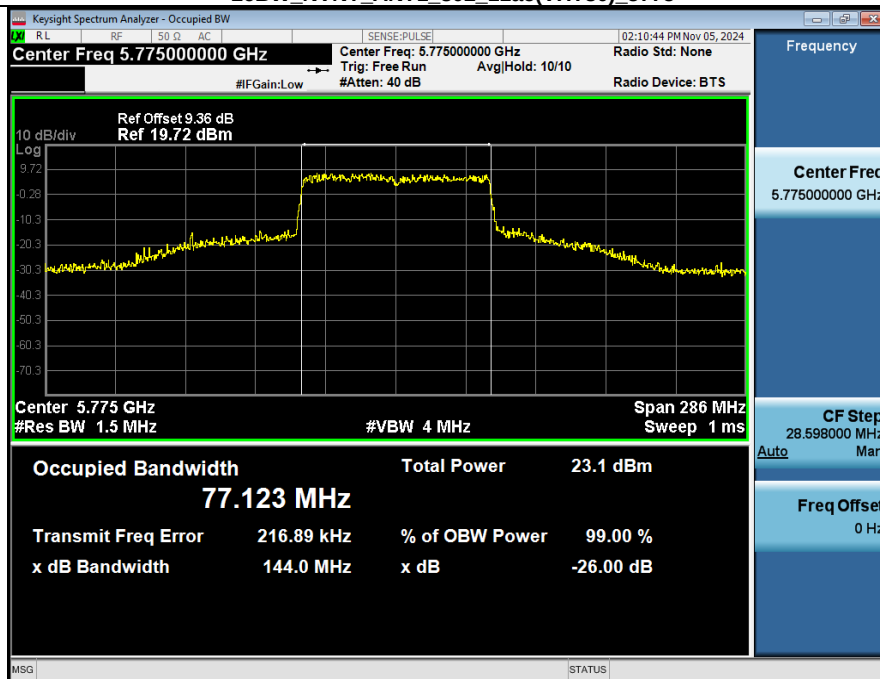
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 101 of 311



-26BW_NVNT_ANT1_802_11ac(VHT80)_5775

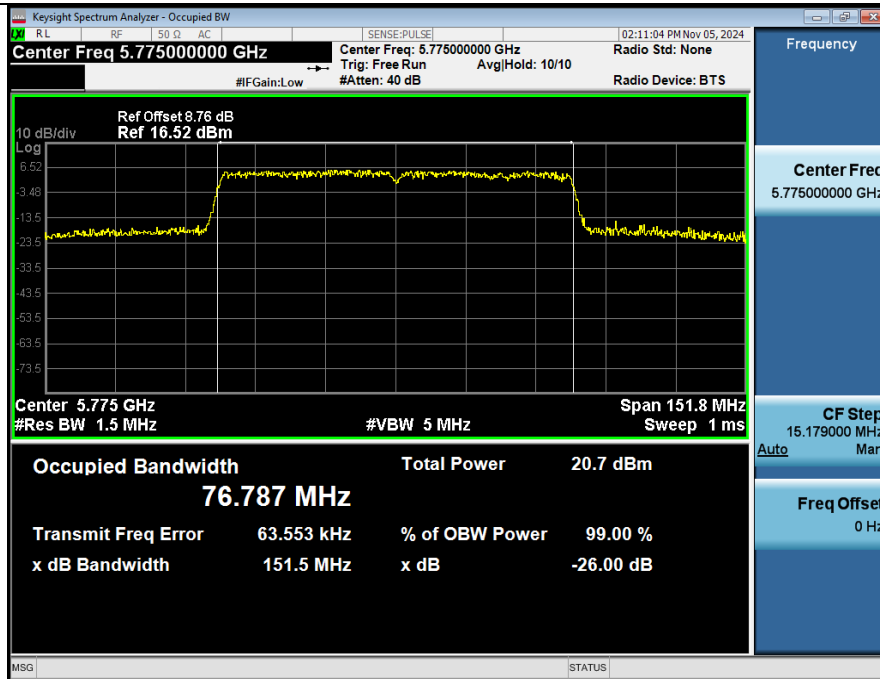


99%_OCB_NVNT_ANT2_802_11ac(VHT80)_5775

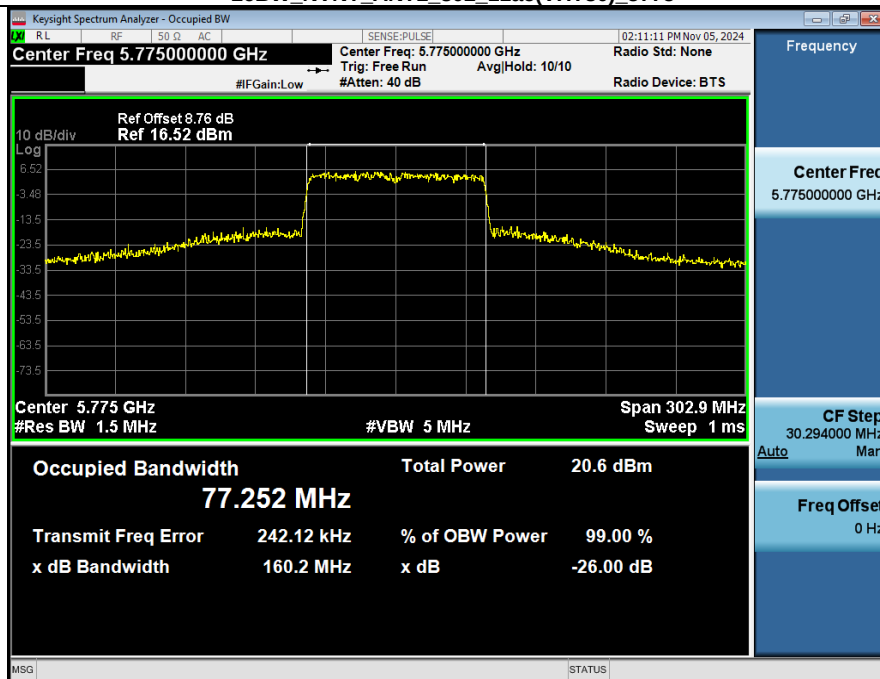
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 102 of 311



-26BW_NVNT_ANT2_802_11ac(VHT80)_5775



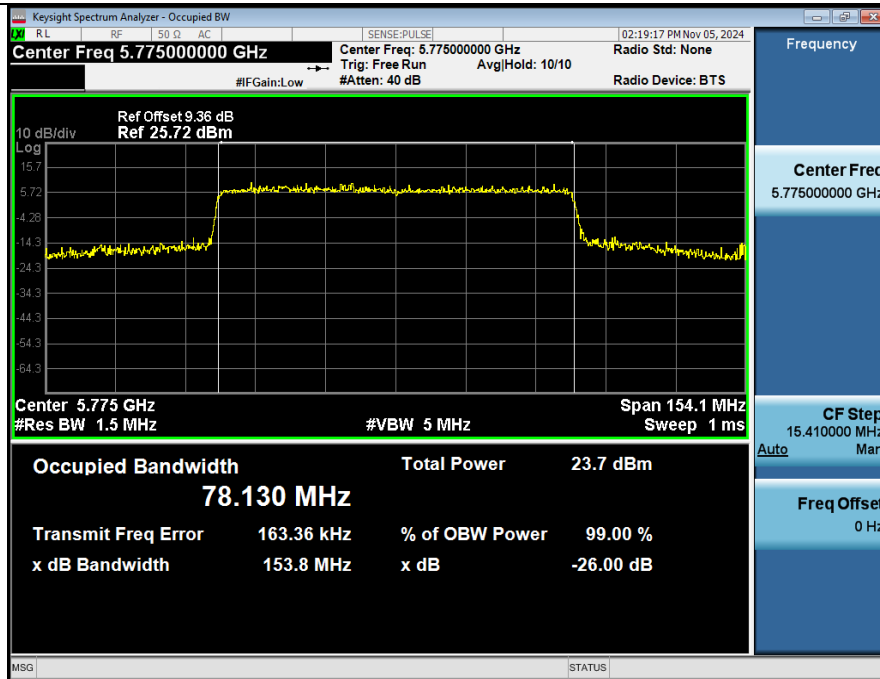
99%_OCB_NVNT_ANT1_802_11ax(HE80)_5775

Appendix B

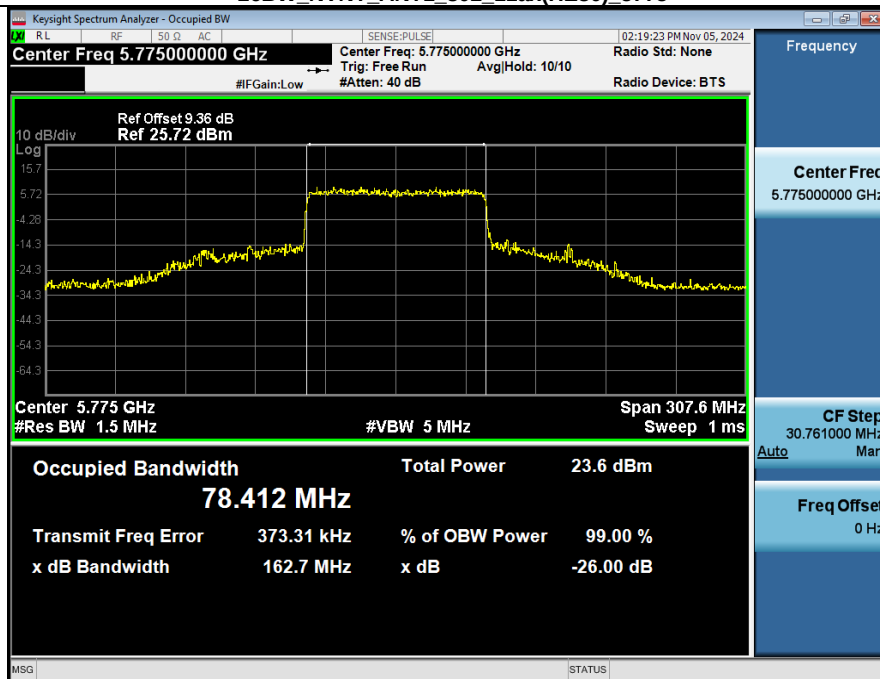
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 103 of 311



-26BW_NVNT_ANT1_802_11ax(HE80)_5775

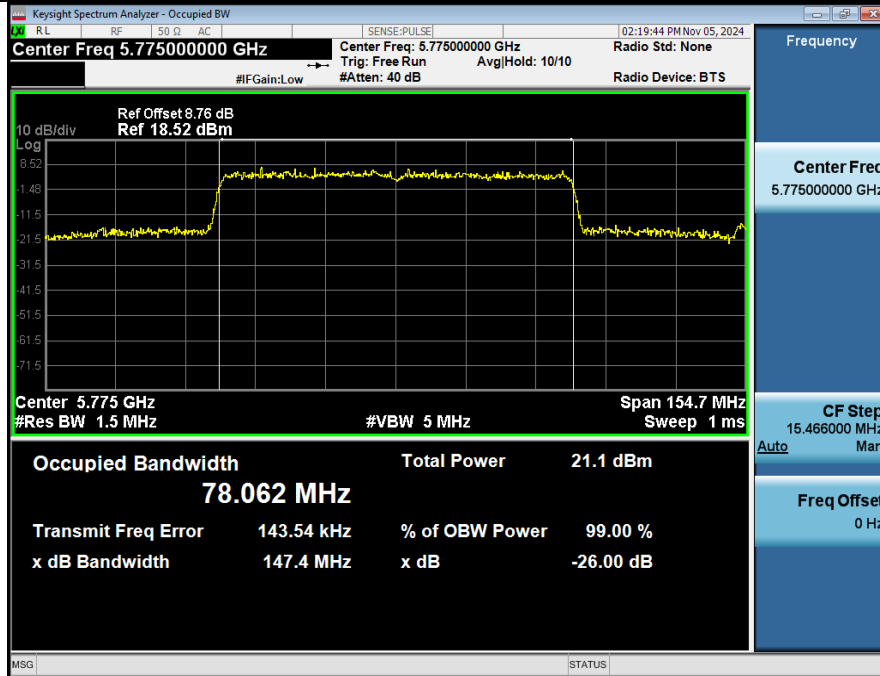


99% OCB_NVNT_ANT2_802_11ax(HE80)_5775

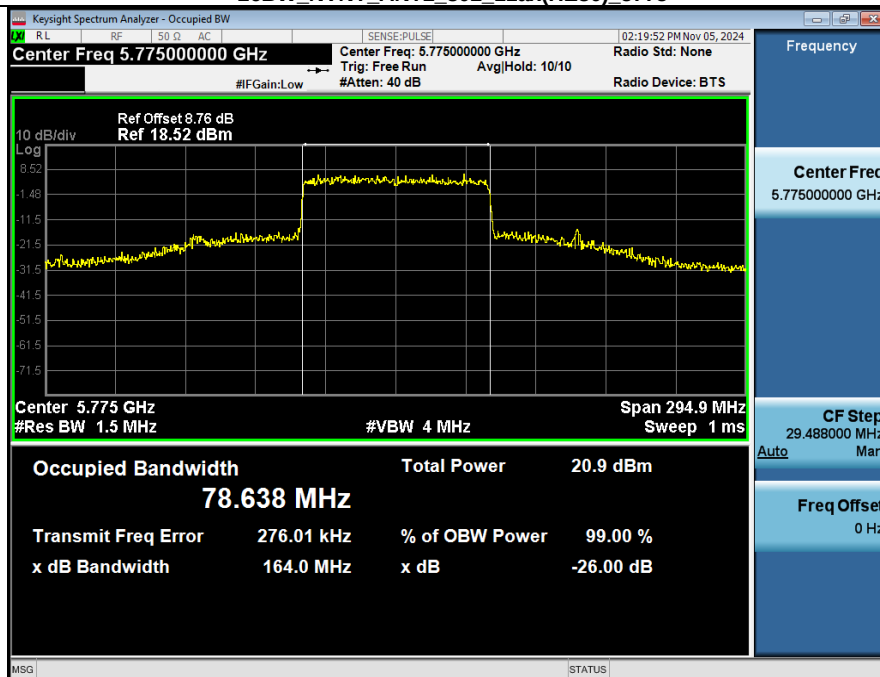
Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 104 of 311



-26BW_NVNT_ANT2_802_11ax(HE80)_5775



Appendix B

CN24K76Q 003

Prüfbericht - Produkte

Test Report - Products

Page 105 of 311

2. Maximum output power

2.1 Test Data

U-NII-1:

Antenna	Modulation	Frequency (MHz)	Conducted Power (dBm)	FCC Limit Conducted (dBm)	IC Limit EIRP (dBm)	Gain (dBi)	EIRP (dBm)	Result
ANT1	802.11a	5180.00	16.25	24	23.01	-3.00	13.25	Pass
ANT2	802.11a	5180.00	17.06	24	23.01	-3.00	14.06	Pass
ANT1	802.11a	5200.00	15.94	24	23.01	-3.00	12.94	Pass
ANT2	802.11a	5200.00	16.77	24	23.01	-3.00	13.77	Pass
ANT1	802.11a	5240.00	16.24	24	23.01	-3.00	13.24	Pass
ANT2	802.11a	5240.00	17.10	24	23.01	-3.00	14.10	Pass
ANT1	802.11n(HT20)	5180.00	15.66	24	23.01	-3.00	12.66	Pass
ANT2	802.11n(HT20)	5180.00	16.73	24	23.01	-3.00	13.73	Pass
ANT1	802.11n(HT20)	5200.00	16.26	24	23.01	-3.00	13.26	Pass
ANT2	802.11n(HT20)	5200.00	17.07	24	23.01	-3.00	14.07	Pass
ANT1	802.11n(HT20)	5240.00	15.76	24	23.01	-3.00	12.76	Pass
ANT2	802.11n(HT20)	5240.00	16.25	24	23.01	-3.00	13.25	Pass
ANT1	802.11ac(VHT20)	5180.00	16.03	24	23.01	-3.00	13.03	Pass
ANT2	802.11ac(VHT20)	5180.00	16.35	24	23.01	-3.00	13.35	Pass
ANT1	802.11ac(VHT20)	5200.00	16.34	24	23.01	-3.00	13.34	Pass
ANT2	802.11ac(VHT20)	5200.00	16.91	24	23.01	-3.00	13.91	Pass
ANT1	802.11ac(VHT20)	5240.00	15.86	24	23.01	-3.00	12.86	Pass
ANT2	802.11ac(VHT20)	5240.00	16.72	24	23.01	-3.00	13.72	Pass
ANT1	802.11ax(HE20)	5180.00	16.20	24	23.01	-3.00	13.20	Pass
ANT2	802.11ax(HE20)	5180.00	16.68	24	23.01	-3.00	13.68	Pass
ANT1	802.11ax(HE20)	5200.00	15.61	24	23.01	-3.00	12.61	Pass
ANT2	802.11ax(HE20)	5200.00	16.18	24	23.01	-3.00	13.18	Pass
ANT1	802.11ax(HE20)	5240.00	16.46	24	23.01	-3.00	13.46	Pass
ANT2	802.11ax(HE20)	5240.00	16.69	24	23.01	-3.00	13.69	Pass
ANT1	802.11n(HT40)	5190.00	16.02	24	23.01	-3.00	13.02	Pass
ANT2	802.11n(HT40)	5190.00	16.21	24	23.01	-3.00	13.21	Pass
ANT1	802.11n(HT40)	5230.00	16.53	24	23.01	-3.00	13.53	Pass
ANT2	802.11n(HT40)	5230.00	16.68	24	23.01	-3.00	13.68	Pass
ANT1	802.11ac(VHT40)	5190.00	16.01	24	23.01	-3.00	13.01	Pass
ANT2	802.11ac(VHT40)	5190.00	16.60	24	23.01	-3.00	13.60	Pass
ANT1	802.11ac(VHT40)	5230.00	16.70	24	23.01	-3.00	13.70	Pass
ANT2	802.11ac(VHT40)	5230.00	17.01	24	23.01	-3.00	14.01	Pass
ANT1	802.11ax(HE40)	5190.00	16.27	24	23.01	-3.00	13.27	Pass
ANT2	802.11ax(HE40)	5190.00	16.96	24	23.01	-3.00	13.96	Pass
ANT1	802.11ax(HE40)	5230.00	16.46	24	23.01	-3.00	13.46	Pass
ANT2	802.11ax(HE40)	5230.00	17.21	24	23.01	-3.00	14.21	Pass
ANT1	802.11ac(VHT80)	5210.00	16.25	24	23.01	-3.00	13.25	Pass
ANT2	802.11ac(VHT80)	5210.00	17.06	24	23.01	-3.00	14.06	Pass
ANT1	802.11ax(HE80)	5210.00	15.94	24	23.01	-3.00	12.94	Pass
ANT2	802.11ax(HE80)	5210.00	16.77	24	23.01	-3.00	13.77	Pass

Appendix B

CN24K76Q 003

Prüfbericht - Produkte

Test Report - Products

Page 106 of 311

Antenna	Mode	Frequency (MHz)	MIMO_Conducted_Power(dBm)	FCC Limit Conducted (dBm)	IC Limit EIRP (dBm)	Gain (dBi)	EIRP (dBm)	Result
MIMO_TX	802.11n(HT20)	5180.00	19.70	24	23.01	-3.00	16.70	Pass
MIMO_TX	802.11n(HT20)	5200.00	19.24	24	23.01	-3.00	16.24	Pass
MIMO_TX	802.11n(HT20)	5240.00	19.69	24	23.01	-3.00	16.69	Pass
MIMO_TX	802.11ac(VHT20)	5180.00	19.02	24	23.01	-3.00	16.02	Pass
MIMO_TX	802.11ac(VHT20)	5200.00	19.20	24	23.01	-3.00	16.20	Pass
MIMO_TX	802.11ac(VHT20)	5240.00	19.64	24	23.01	-3.00	16.64	Pass
MIMO_TX	802.11ax(HE20)	5180.00	19.32	24	23.01	-3.00	16.32	Pass
MIMO_TX	802.11ax(HE20)	5200.00	19.45	24	23.01	-3.00	16.45	Pass
MIMO_TX	802.11ax(HE20)	5240.00	18.92	24	23.01	-3.00	15.92	Pass
MIMO_TX	802.11n(HT40)	5190.00	19.59	24	23.01	-3.00	16.59	Pass
MIMO_TX	802.11n(HT40)	5230.00	19.13	24	23.01	-3.00	16.13	Pass
MIMO_TX	802.11ac(VHT40)	5190.00	19.62	24	23.01	-3.00	16.62	Pass
MIMO_TX	802.11ac(VHT40)	5230.00	19.32	24	23.01	-3.00	16.32	Pass
MIMO_TX	802.11ax(HE40)	5190.00	19.87	24	23.01	-3.00	16.87	Pass
MIMO_TX	802.11ax(HE40)	5230.00	19.64	24	23.01	-3.00	16.64	Pass
MIMO_TX	802.11ac(VHT80)	5210.00	19.86	24	23.01	-3.00	16.86	Pass
MIMO_TX	802.11ax(HE80)	5210.00	19.70	24	23.01	-3.00	16.70	Pass

Appendix B

CN24K76Q 003

Prüfbericht - Produkte

Test Report - Products

Page 107 of 311

U-NII-3:

Antenna	Modulation	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Gain (dBi)	EIRP (dBm)	Result
ANT1	802.11a	5745.00	17.19	30	-3.00	14.19	Pass
ANT2	802.11a	5745.00	14.08	30	-3.00	11.08	Pass
ANT1	802.11a	5785.00	15.04	30	-3.00	12.04	Pass
ANT2	802.11a	5785.00	12.83	30	-3.00	9.83	Pass
ANT1	802.11a	5825.00	14.81	30	-3.00	11.81	Pass
ANT2	802.11a	5825.00	12.31	30	-3.00	9.31	Pass
ANT1	802.11n(HT20)	5745.00	16.88	30	-3.00	13.88	Pass
ANT2	802.11n(HT20)	5745.00	14.02	30	-3.00	11.02	Pass
ANT1	802.11n(HT20)	5785.00	15.00	30	-3.00	12.00	Pass
ANT2	802.11n(HT20)	5785.00	12.94	30	-3.00	9.94	Pass
ANT1	802.11n(HT20)	5825.00	14.56	30	-3.00	11.56	Pass
ANT2	802.11n(HT20)	5825.00	12.32	30	-3.00	9.32	Pass
ANT1	802.11ac(VHT20)	5745.00	16.73	30	-3.00	13.73	Pass
ANT2	802.11ac(VHT20)	5745.00	14.06	30	-3.00	11.06	Pass
ANT1	802.11ac(VHT20)	5785.00	15.11	30	-3.00	12.11	Pass
ANT2	802.11ac(VHT20)	5785.00	12.96	30	-3.00	9.96	Pass
ANT1	802.11ac(VHT20)	5825.00	15.02	30	-3.00	12.02	Pass
ANT2	802.11ac(VHT20)	5825.00	12.31	30	-3.00	9.31	Pass
ANT1	802.11ax(HE20)	5745.00	16.99	30	-3.00	13.99	Pass
ANT2	802.11ax(HE20)	5745.00	14.19	30	-3.00	11.19	Pass
ANT1	802.11ax(HE20)	5785.00	15.17	30	-3.00	12.17	Pass
ANT2	802.11ax(HE20)	5785.00	13.08	30	-3.00	10.08	Pass
ANT1	802.11ax(HE20)	5825.00	14.92	30	-3.00	11.92	Pass
ANT2	802.11ax(HE20)	5825.00	12.16	30	-3.00	9.16	Pass
ANT1	802.11n(HT40)	5755.00	15.92	30	-3.00	12.92	Pass
ANT2	802.11n(HT40)	5755.00	13.72	30	-3.00	10.72	Pass
ANT1	802.11n(HT40)	5795.00	15.00	30	-3.00	12.00	Pass
ANT2	802.11n(HT40)	5795.00	12.59	30	-3.00	9.59	Pass
ANT1	802.11ac(VHT40)	5755.00	15.99	30	-3.00	12.99	Pass
ANT2	802.11ac(VHT40)	5755.00	13.80	30	-3.00	10.80	Pass
ANT1	802.11ac(VHT40)	5795.00	14.93	30	-3.00	11.93	Pass
ANT2	802.11ac(VHT40)	5795.00	12.67	30	-3.00	9.67	Pass
ANT1	802.11ax(HE40)	5755.00	16.27	30	-3.00	13.27	Pass
ANT2	802.11ax(HE40)	5755.00	14.03	30	-3.00	11.03	Pass
ANT1	802.11ax(HE40)	5795.00	15.17	30	-3.00	12.17	Pass
ANT2	802.11ax(HE40)	5795.00	12.90	30	-3.00	9.90	Pass
ANT1	802.11ac(VHT80)	5775.00	15.37	30	-3.00	12.37	Pass
ANT2	802.11ac(VHT80)	5775.00	12.95	30	-3.00	9.95	Pass
ANT1	802.11ax(HE80)	5775.00	15.52	30	-3.00	12.52	Pass
ANT2	802.11ax(HE80)	5775.00	13.15	30	-3.00	10.15	Pass

Antenna	Mode	Frequency (MHz)	MIMO_Conducted Power(dBm)	Limit (dBm)	Max Gain (dBi)	EIRP (dBm)	Result
MIMO_TX	802.11n(HT20)	5745.00	18.69	30	-3.00	15.69	Pass
MIMO_TX	802.11n(HT20)	5785.00	17.10	30	-3.00	14.10	Pass
MIMO_TX	802.11n(HT20)	5825.00	16.59	30	-3.00	13.59	Pass
MIMO_TX	802.11ac(VHT20)	5745.00	18.61	30	-3.00	15.61	Pass
MIMO_TX	802.11ac(VHT20)	5785.00	17.18	30	-3.00	14.18	Pass
MIMO_TX	802.11ac(VHT20)	5825.00	16.88	30	-3.00	13.88	Pass
MIMO_TX	802.11ax(HE20)	5745.00	18.82	30	-3.00	15.82	Pass
MIMO_TX	802.11ax(HE20)	5785.00	17.26	30	-3.00	14.26	Pass
MIMO_TX	802.11ax(HE20)	5825.00	16.77	30	-3.00	13.77	Pass
MIMO_TX	802.11n(HT40)	5755.00	17.97	30	-3.00	14.97	Pass
MIMO_TX	802.11n(HT40)	5795.00	16.97	30	-3.00	13.97	Pass
MIMO_TX	802.11ac(VHT40)	5755.00	18.04	30	-3.00	15.04	Pass
MIMO_TX	802.11ac(VHT40)	5795.00	16.96	30	-3.00	13.96	Pass
MIMO_TX	802.11ax(HE40)	5755.00	18.30	30	-3.00	15.30	Pass
MIMO_TX	802.11ax(HE40)	5795.00	17.19	30	-3.00	14.19	Pass
MIMO_TX	802.11ac(VHT80)	5775.00	17.33	30	-3.00	14.33	Pass
MIMO_TX	802.11ax(HE80)	5775.00	17.51	30	-3.00	14.51	Pass

Note: The cable loss and duty cycle factor are taken into account in results, e.i.r.p.=P_(peak power)+ G

Appendix B

CN24K76Q 003

Prüfbericht - Produkte

Test Report - Products

Page 108 of 311

2.2 Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	91.07	0.41
NVNT	ANT2	802.11a	5180.00	91.07	0.41
NVNT	ANT1	802.11a	5200.00	91.07	0.41
NVNT	ANT2	802.11a	5200.00	91.96	0.36
NVNT	ANT1	802.11n(HT20)	5180.00	92.91	0.32
NVNT	ANT2	802.11n(HT20)	5180.00	92.86	0.32
NVNT	ANT1	802.11n(HT20)	5200.00	92.86	0.32
NVNT	ANT2	802.11n(HT20)	5200.00	92.96	0.32
NVNT	ANT1	802.11n(HT20)	5240.00	92.86	0.32
NVNT	ANT2	802.11n(HT20)	5240.00	92.86	0.32
NVNT	ANT1	802.11ac(VHT20)	5180.00	98.97	0.00
NVNT	ANT2	802.11ac(VHT20)	5180.00	98.97	0.00
NVNT	ANT1	802.11ac(VHT20)	5240.00	98.97	0.00
NVNT	ANT2	802.11ac(VHT20)	5240.00	98.97	0.00
NVNT	ANT1	802.11ax(HE20)	5180.00	98.01	0.00
NVNT	ANT2	802.11ax(HE20)	5180.00	98.03	0.00
NVNT	ANT1	802.11ax(HE20)	5200.00	98.01	0.00
NVNT	ANT2	802.11ax(HE20)	5200.00	98.03	0.00
NVNT	ANT1	802.11ax(HE20)	5240.00	98.01	0.00
NVNT	ANT2	802.11ax(HE20)	5240.00	98.03	0.00
NVNT	ANT1	802.11n(HT40)	5190.00	86.67	0.62
NVNT	ANT2	802.11n(HT40)	5190.00	86.67	0.62
NVNT	ANT1	802.11n(HT40)	5230.00	86.67	0.62
NVNT	ANT2	802.11n(HT40)	5230.00	86.67	0.62
NVNT	ANT1	802.11ac(VHT40)	5190.00	98.73	0.00
NVNT	ANT2	802.11ac(VHT40)	5190.00	98.72	0.00
NVNT	ANT1	802.11ac(VHT40)	5230.00	99.36	0.00
NVNT	ANT2	802.11ac(VHT40)	5230.00	98.73	0.00
NVNT	ANT1	802.11ax(HE40)	5190.00	96.25	0.17
NVNT	ANT2	802.11ax(HE40)	5190.00	96.25	0.17
NVNT	ANT1	802.11ax(HE40)	5230.00	96.25	0.17
NVNT	ANT2	802.11ax(HE40)	5230.00	96.25	0.17
NVNT	ANT1	802.11ac(VHT80)	5210.00	99.12	0.00
NVNT	ANT2	802.11ac(VHT80)	5210.00	99.12	0.00
NVNT	ANT1	802.11ax(HE80)	5210.00	93.02	0.31
NVNT	ANT2	802.11ax(HE80)	5210.00	93.02	0.31

Appendix B

CN24K76Q 003

Prüfbericht - Produkte

Test Report - Products

Page 109 of 311

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	92.91	0.32
NVNT	ANT2	802.11a	5745.00	92.86	0.32
NVNT	ANT1	802.11a	5785.00	92.86	0.32
NVNT	ANT2	802.11a	5785.00	93.57	0.29
NVNT	ANT1	802.11a	5825.00	92.91	0.32
NVNT	ANT2	802.11a	5825.00	92.91	0.32
NVNT	ANT1	802.11n(HT20)	5745.00	92.86	0.32
NVNT	ANT2	802.11n(HT20)	5745.00	92.91	0.32
NVNT	ANT1	802.11n(HT20)	5785.00	92.91	0.32
NVNT	ANT2	802.11n(HT20)	5785.00	92.91	0.32
NVNT	ANT1	802.11n(HT20)	5825.00	92.91	0.32
NVNT	ANT2	802.11n(HT20)	5825.00	92.91	0.32
NVNT	ANT1	802.11ac(VHT20)	5745.00	98.97	0.00
NVNT	ANT2	802.11ac(VHT20)	5745.00	98.97	0.00
NVNT	ANT1	802.11ac(VHT20)	5785.00	98.97	0.00
NVNT	ANT2	802.11ac(VHT20)	5785.00	98.97	0.00
NVNT	ANT1	802.11ac(VHT20)	5825.00	98.97	0.00
NVNT	ANT2	802.11ac(VHT20)	5825.00	98.97	0.00
NVNT	ANT1	802.11ax(HE20)	5745.00	98.01	0.00
NVNT	ANT2	802.11ax(HE20)	5745.00	98.03	0.00
NVNT	ANT1	802.11ax(HE20)	5785.00	98.03	0.00
NVNT	ANT2	802.11ax(HE20)	5785.00	98.03	0.00
NVNT	ANT1	802.11ax(HE20)	5825.00	98.01	0.00
NVNT	ANT2	802.11ax(HE20)	5825.00	98.01	0.00
NVNT	ANT1	802.11n(HT40)	5755.00	86.67	0.62
NVNT	ANT2	802.11n(HT40)	5755.00	86.67	0.62
NVNT	ANT1	802.11n(HT40)	5795.00	86.67	0.62
NVNT	ANT2	802.11n(HT40)	5795.00	86.67	0.62
NVNT	ANT1	802.11ac(VHT40)	5755.00	98.73	0.00
NVNT	ANT2	802.11ac(VHT40)	5755.00	98.72	0.00
NVNT	ANT1	802.11ac(VHT40)	5795.00	98.72	0.00
NVNT	ANT2	802.11ac(VHT40)	5795.00	98.72	0.00
NVNT	ANT1	802.11ax(HE40)	5755.00	96.25	0.17
NVNT	ANT2	802.11ax(HE40)	5755.00	96.25	0.17
NVNT	ANT1	802.11ax(HE40)	5795.00	96.25	0.17
NVNT	ANT2	802.11ax(HE40)	5795.00	96.25	0.17
NVNT	ANT1	802.11ac(VHT80)	5775.00	99.12	0.00
NVNT	ANT2	802.11ac(VHT80)	5775.00	99.12	0.00
NVNT	ANT1	802.11ax(HE80)	5775.00	93.02	0.31
NVNT	ANT2	802.11ax(HE80)	5775.00	93.02	0.31

Appendix B

CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 110 of 311

3. Power Spectral Density

3.1 Test Datas Bands U-NII-1

Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/MHz)	Duty factor(dB)	Conducted PSD (dBm/MHz)	FCC Conducted limit(dBm/MHz)	EIRP PSD (dBm/MHz)	ISED EIRP PSD limit (dBm/MHz)	Result
NVNT	ANT1	802.11a	5180.00	0.43	0.41	0.84	11	-2.16	10	Pass
NVNT	ANT1	802.11a	5200.00	-0.32	0.41	0.09	11	-2.91	10	Pass
NVNT	ANT1	802.11a	5240.00	-0.16	0.41	0.25	11	-2.75	10	Pass
NVNT	ANT2	802.11a	5180.00	-0.90	0.36	-0.54	11	-3.54	10	Pass
NVNT	ANT2	802.11a	5200.00	0.51	0.32	0.83	11	-2.17	10	Pass
NVNT	ANT2	802.11a	5240.00	-1.84	0.32	-1.52	11	-4.52	10	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-5.69	0.32	-5.37	11	-8.37	10	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	-5.39	0.32	-5.07	11	-8.07	10	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-5.34	0.32	-5.02	11	-8.02	10	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	-5.55	0.32	-5.23	11	-8.23	10	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-4.57	0.00	-4.57	11	-7.57	10	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	-6.37	0.00	-6.37	11	-9.37	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-4.97	0.00	-4.97	11	-7.97	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	-5.56	0.00	-5.56	11	-8.56	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-5.07	0.00	-5.07	11	-8.07	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	-6.30	0.00	-6.30	11	-9.3	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-4.73	0.00	-4.73	11	-7.73	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	-6.42	0.00	-6.42	11	-9.42	10	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-4.56	0.00	-4.56	11	-7.56	10	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	-6.14	0.00	-6.14	11	-9.14	10	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-5.12	0.62	-4.50	11	-7.5	10	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	-7.25	0.62	-6.63	11	-9.63	10	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-4.88	0.62	-4.26	11	-7.26	10	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	-6.38	0.62	-5.76	11	-8.76	10	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-9.61	0.00	-9.61	11	-12.61	10	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	-10.25	0.00	-10.25	11	-13.25	10	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-11.40	0.00	-11.40	11	-14.4	10	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	-12.70	0.00	-12.70	11	-15.7	10	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-13.47	0.17	-13.30	11	-16.3	10	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	-11.05	0.17	-10.88	11	-13.88	10	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-11.67	0.17	-11.50	11	-14.5	10	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	-12.08	0.17	-11.91	11	-14.91	10	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-11.80	0.00	-11.80	11	-14.8	10	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	-12.33	0.00	-12.33	11	-15.33	10	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-11.32	0.31	-11.01	11	-14.01	10	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	-11.94	0.31	-11.63	11	-14.63	10	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-18.11	0.41	-17.70	11	-20.7	10	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	-19.00	0.41	-18.59	11	-21.59	10	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	-18.83	0.41	-18.42	11	-21.42	10	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	-20.87	0.36	-20.51	11	-23.51	10	Pass

Appendix B

CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 111 of 311

Condition	Antenna	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	FCC Conducted limit(dBm/MHz)	EIRP PSD (dBm/MHz)	ISED EIRP PSD limit (dBm/MHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	-2.53	11	-5.53	10	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	-2.87	11	-5.87	10	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	-2.61	11	-5.61	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	-2.36	11	-5.36	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	-3.12	11	-6.12	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	-2.67	11	-5.67	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	-2.08	11	-5.08	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	-2.94	11	-5.94	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	-2.30	11	-5.3	10	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	-7.20	11	-10.2	10	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	-8.33	11	-11.33	10	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	-8.50	11	-11.5	10	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	-8.64	11	-11.64	10	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	-9.14	11	-12.14	10	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	-8.52	11	-11.52	10	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	-15.46	11	-18.46	10	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	-15.75	11	-18.75	10	Pass

Note: The cable loss and duty cycle factor are taken into account in results, e.i.r.p.=P_(Peak power)+ G

Appendix B
CN24K76Q 003
Page 112 of 311

Prüfbericht - Produkte
Test Report - Products

Power_Spectral_Density NVNT_ANT1_802_11a_5180



Power_Spectral_Density NVNT_ANT2_802_11a_5180



Power_Spectral_Density NVNT_ANT1_802_11a_5200

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 113 of 311



Power_Spectral_Density NVNT_ANT2_802_11a_5200



Power_Spectral_Density NVNT_ANT1_802_11a_5240

Appendix B
CN24K76Q 003
Page 114 of 311

Prüfbericht - Produkte
Test Report - Products



Power_Spectral_Density_NVNT_ANT2_802_11a_5240



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5180

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 116 of 311



Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 117 of 311



Power Spectral Density NVNT_ANT2_802_11n(HT20)_5240



Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5180

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 118 of 311



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5180



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5200

Appendix B

CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 119 of 311



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5200



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5240

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 120 of 311



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5240



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5180

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 121 of 311



Power_Spectral_Density_NVNT_ANT2_802_11ax(HE20)_5180



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5200

Appendix B

CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 122 of 311



Power_Spectral_Density_NVNT_ANT2_802_11ax(HE20)_5200



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5240

Appendix B

CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 123 of 311



Power Spectral Density NVNT ANT2 802 11ax(HE20) 5240



Power Spectral Density NVNT ANT1 802 11n(HT40) 5190

Appendix B
CN24K76Q 003

Prüfbericht - Produkte
Test Report - Products

Page 124 of 311



Power Spectral Density NVNT_ANT2_802_11n(HT40)_5190



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5230