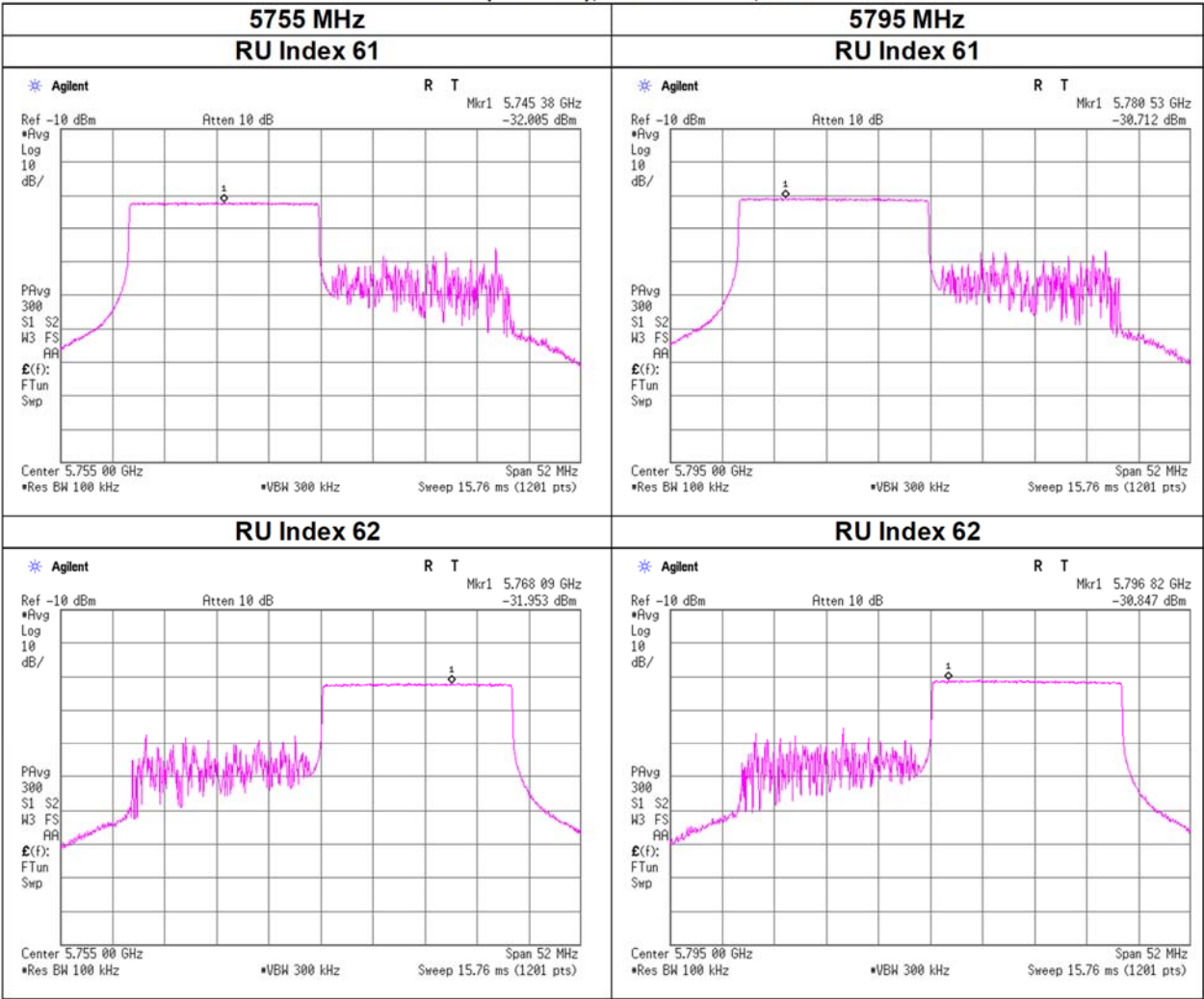


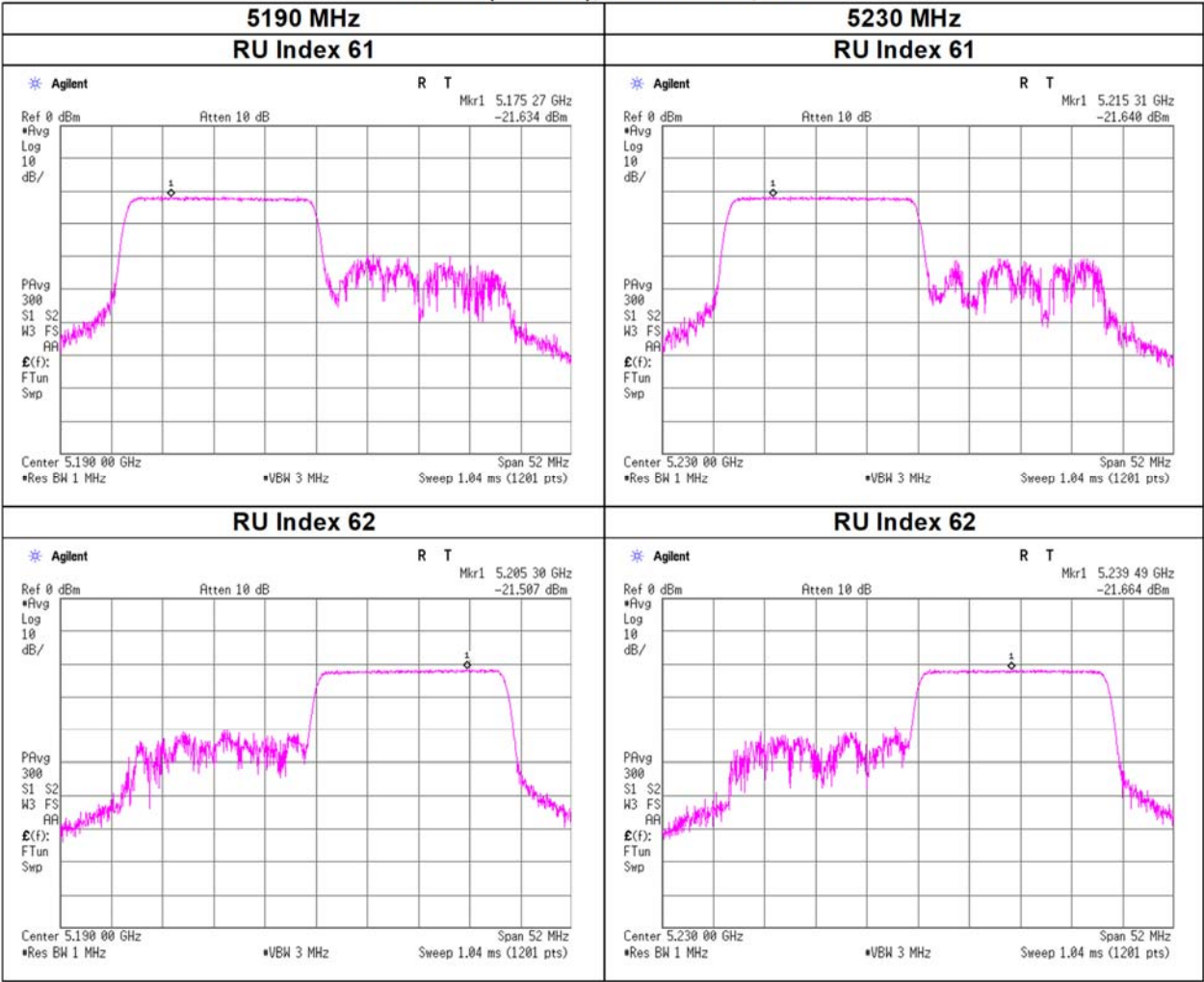
Maximum Power Spectral Density

11ax-40(OFDMA), 242-tone RU, RF0



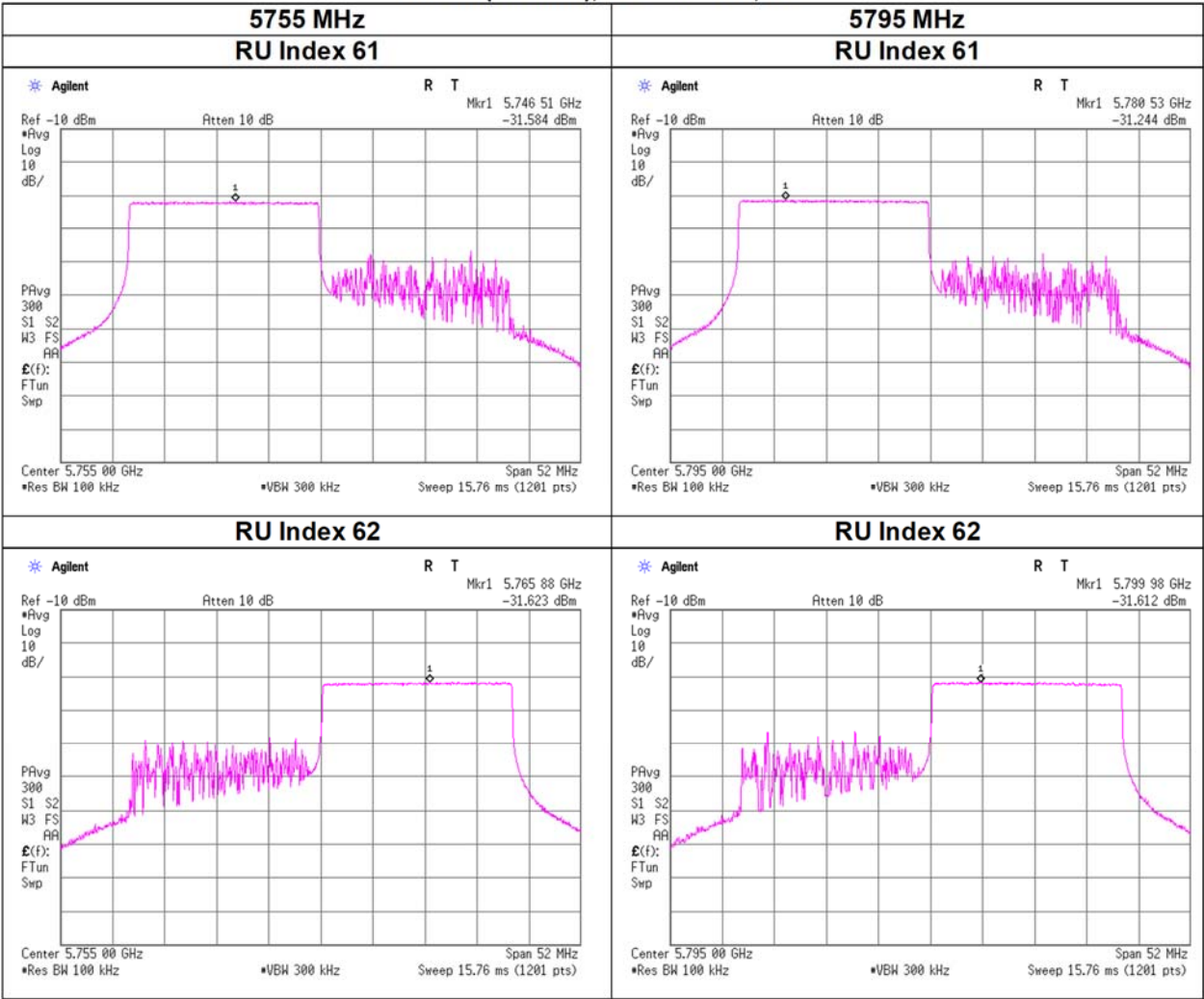
Maximum Power Spectral Density

11ax-40(OFDMA), 242-tone RU, RF1



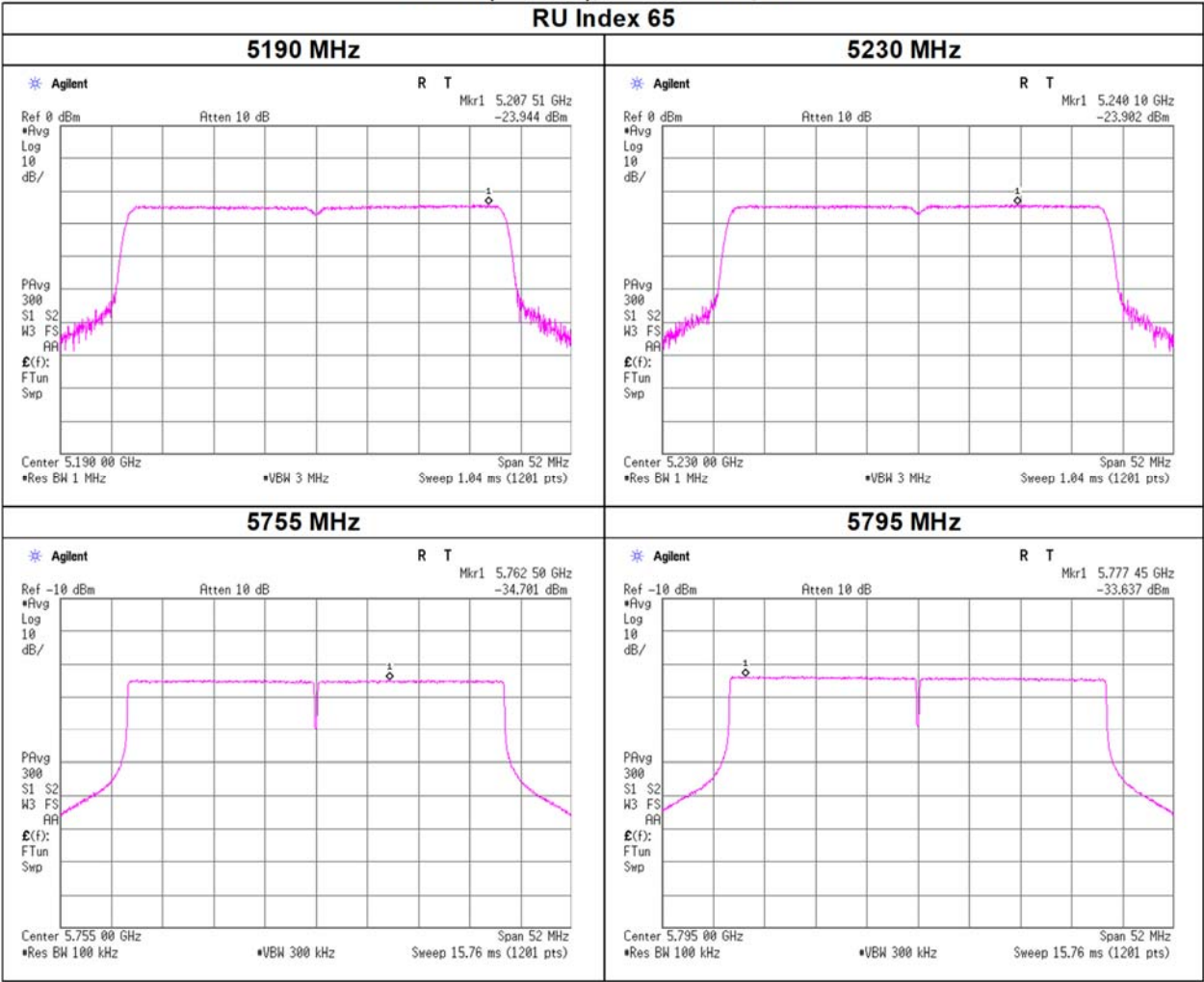
Maximum Power Spectral Density

11ax-40(OFDMA), 242-tone RU, RF1



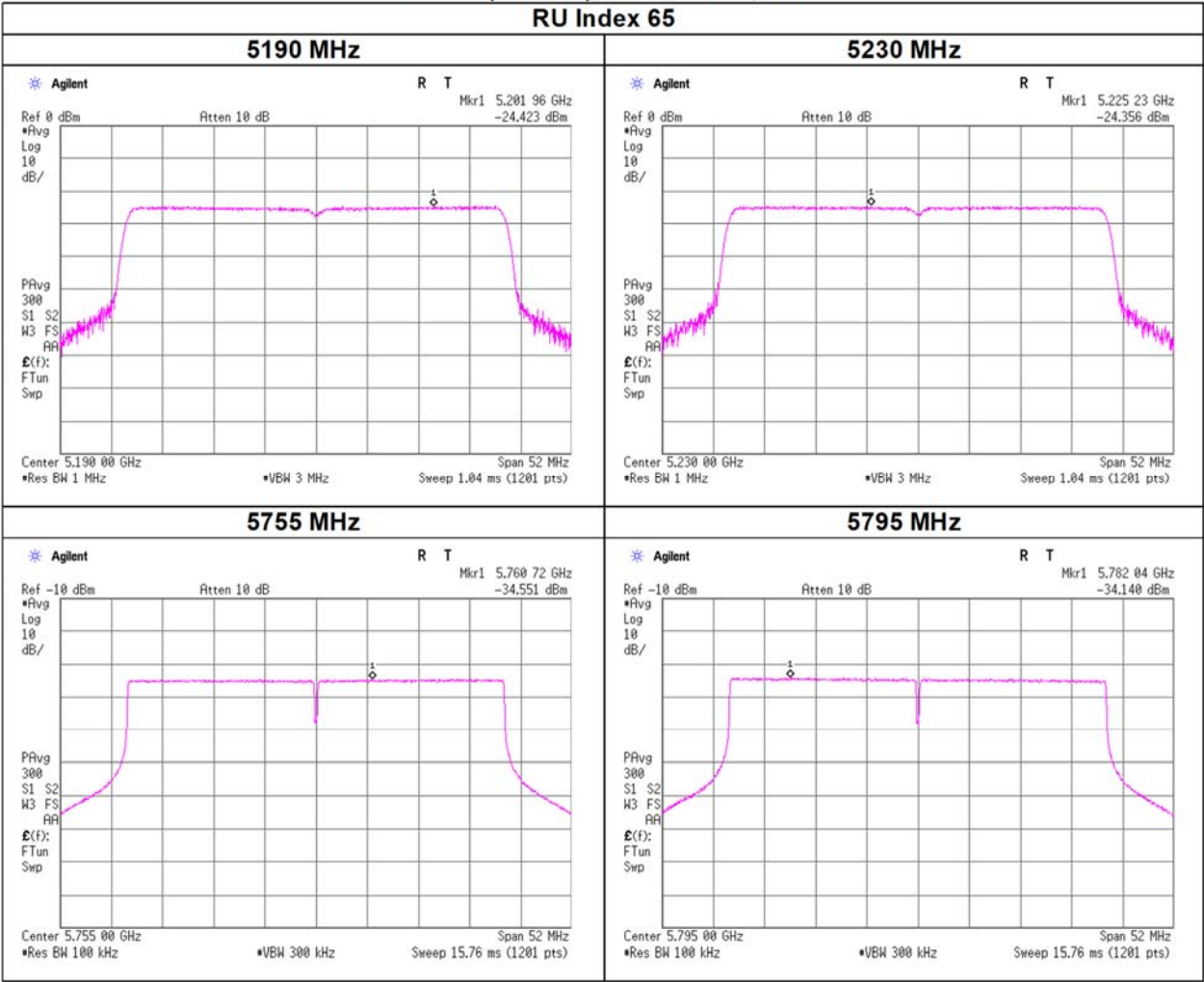
Maximum Power Spectral Density

11ax-40(OFDMA), 484-tone RU, RF0
RU Index 65



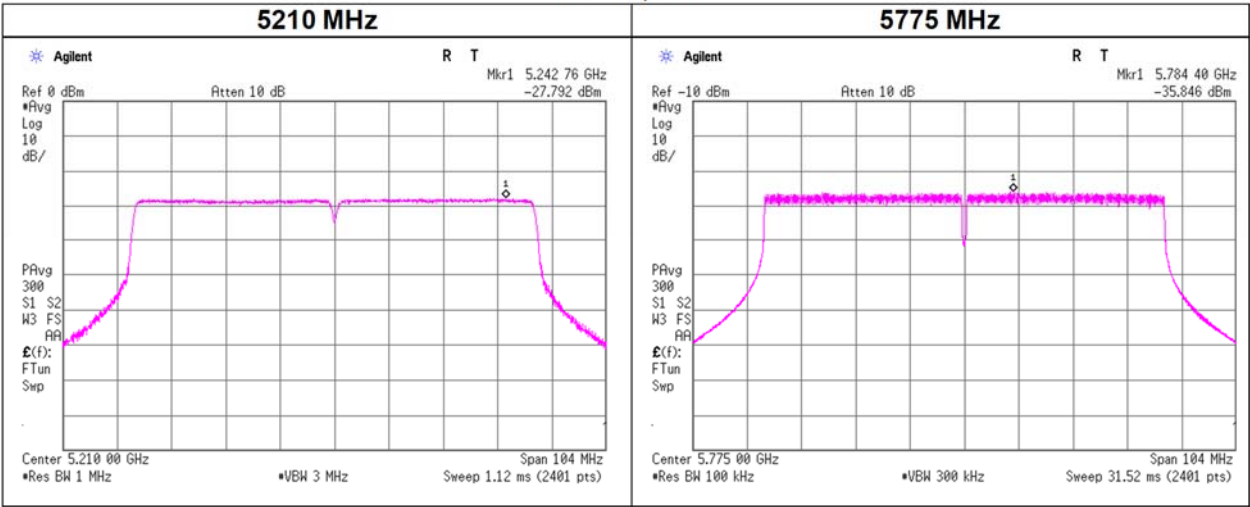
Maximum Power Spectral Density

11ax-40(OFDMA), 484-tone RU, RF1
RU Index 65

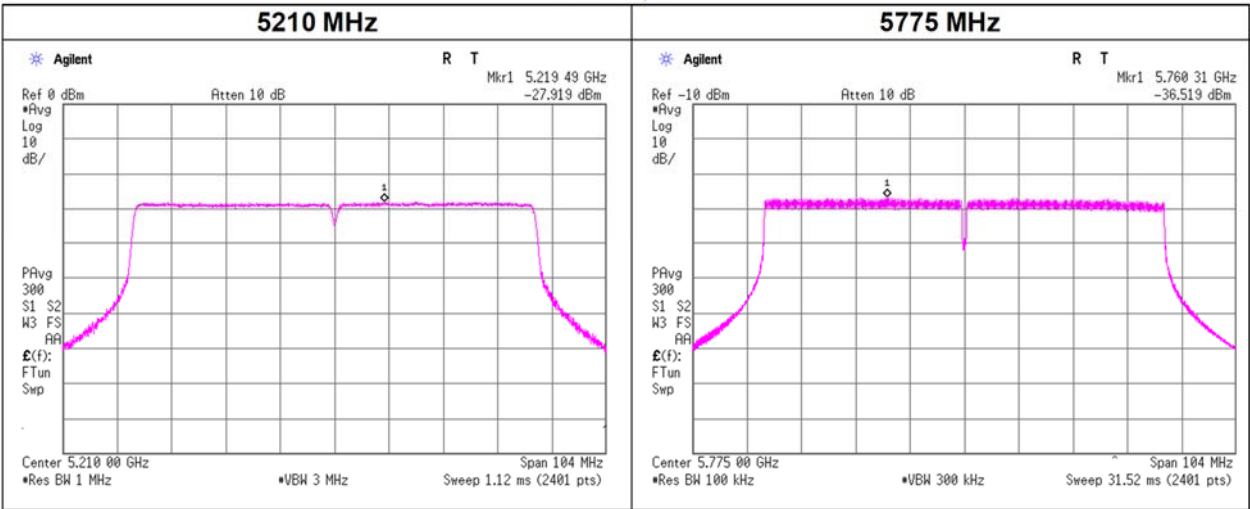


Maximum Power Spectral Density

11ac-80, RF0

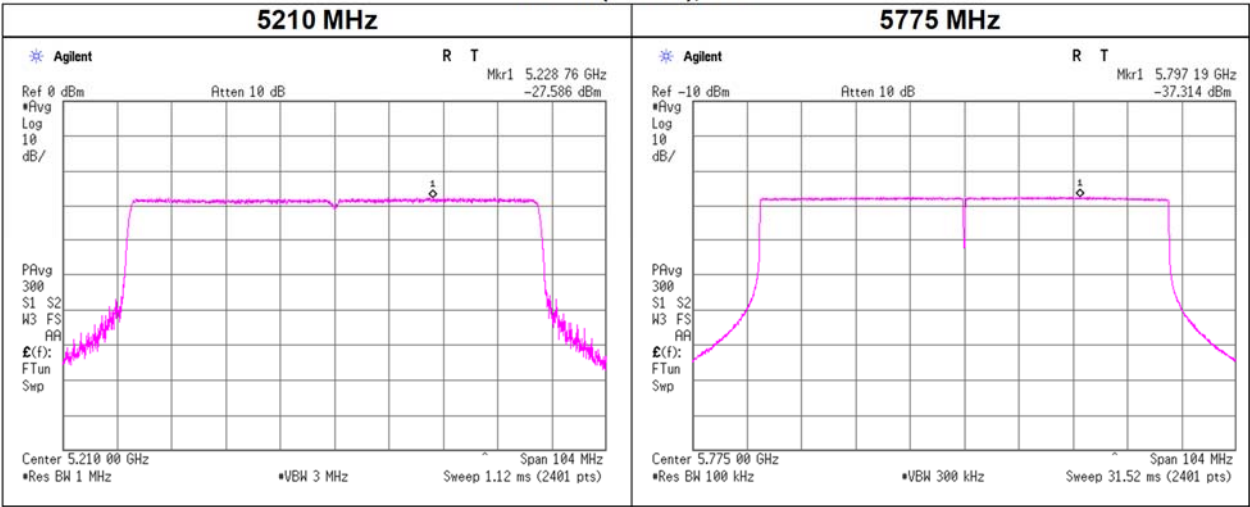


11ac-80, RF1

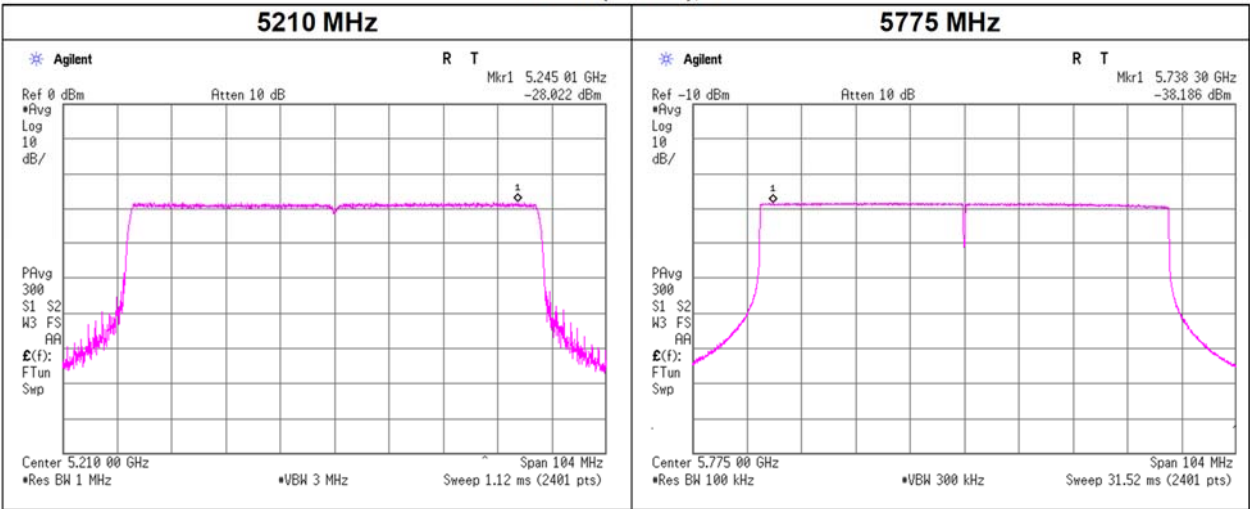


Maximum Power Spectral Density

11ax-80 (OFDM), RF0

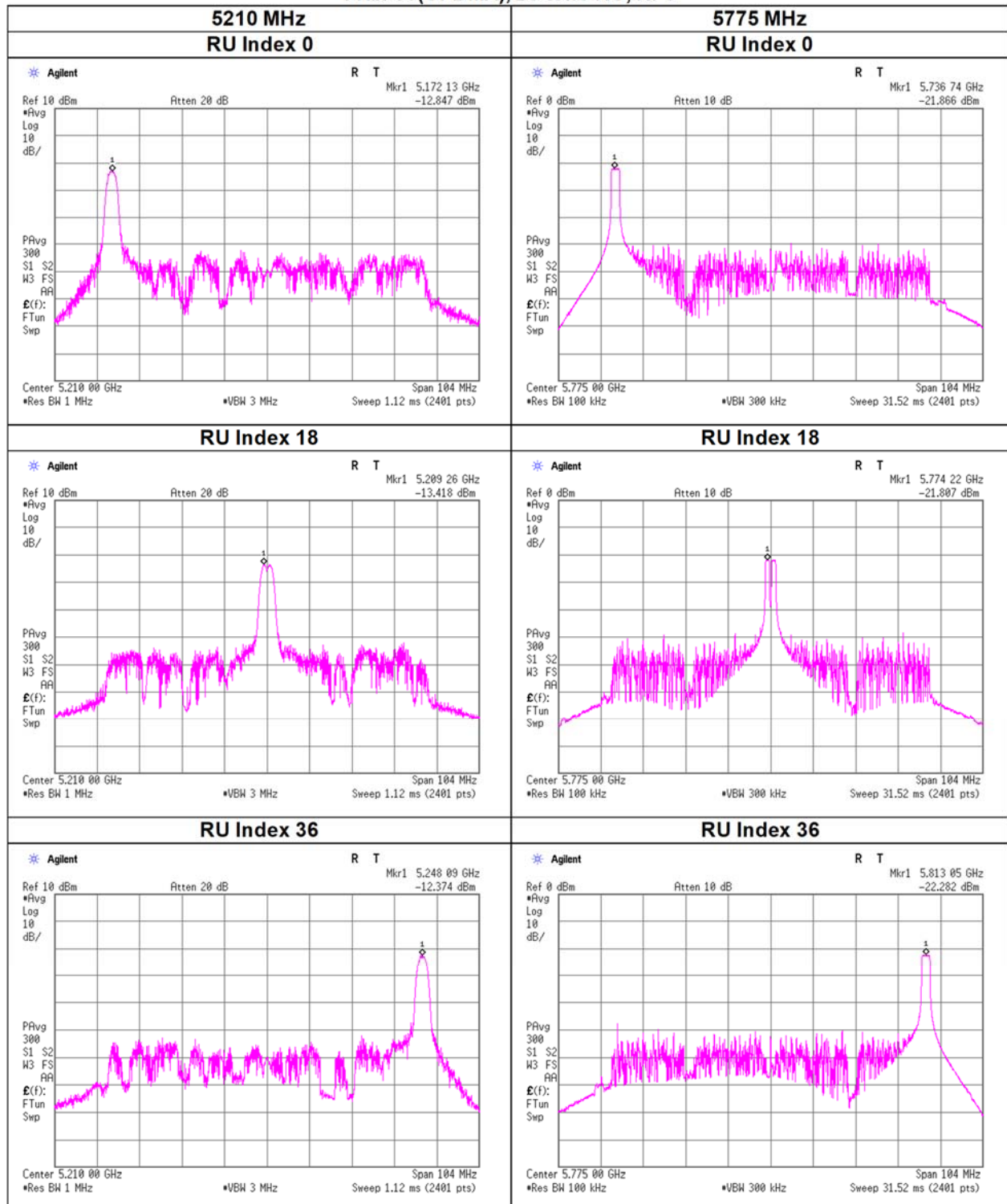


11ax-80 (OFDM), RF1



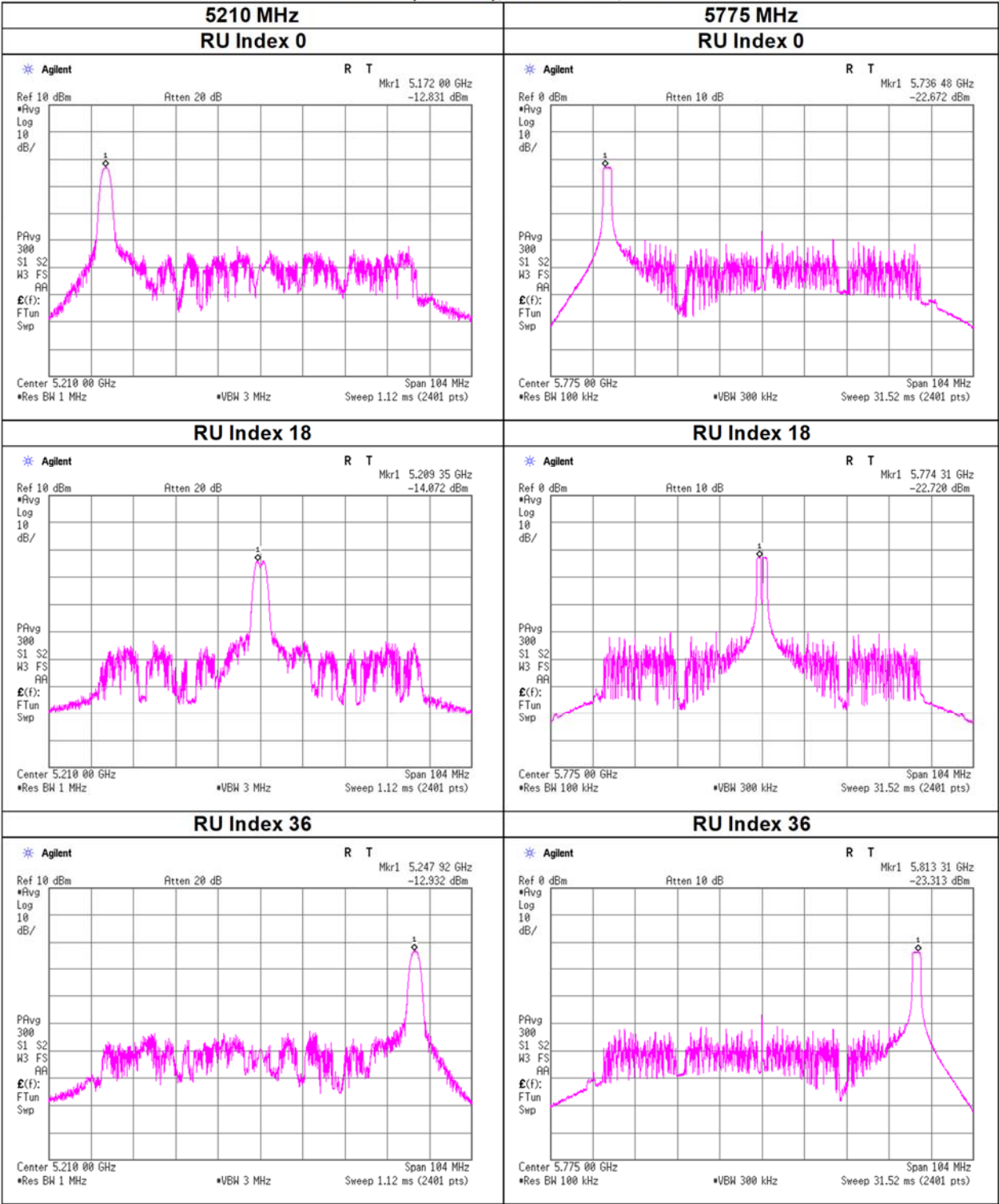
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, RF0



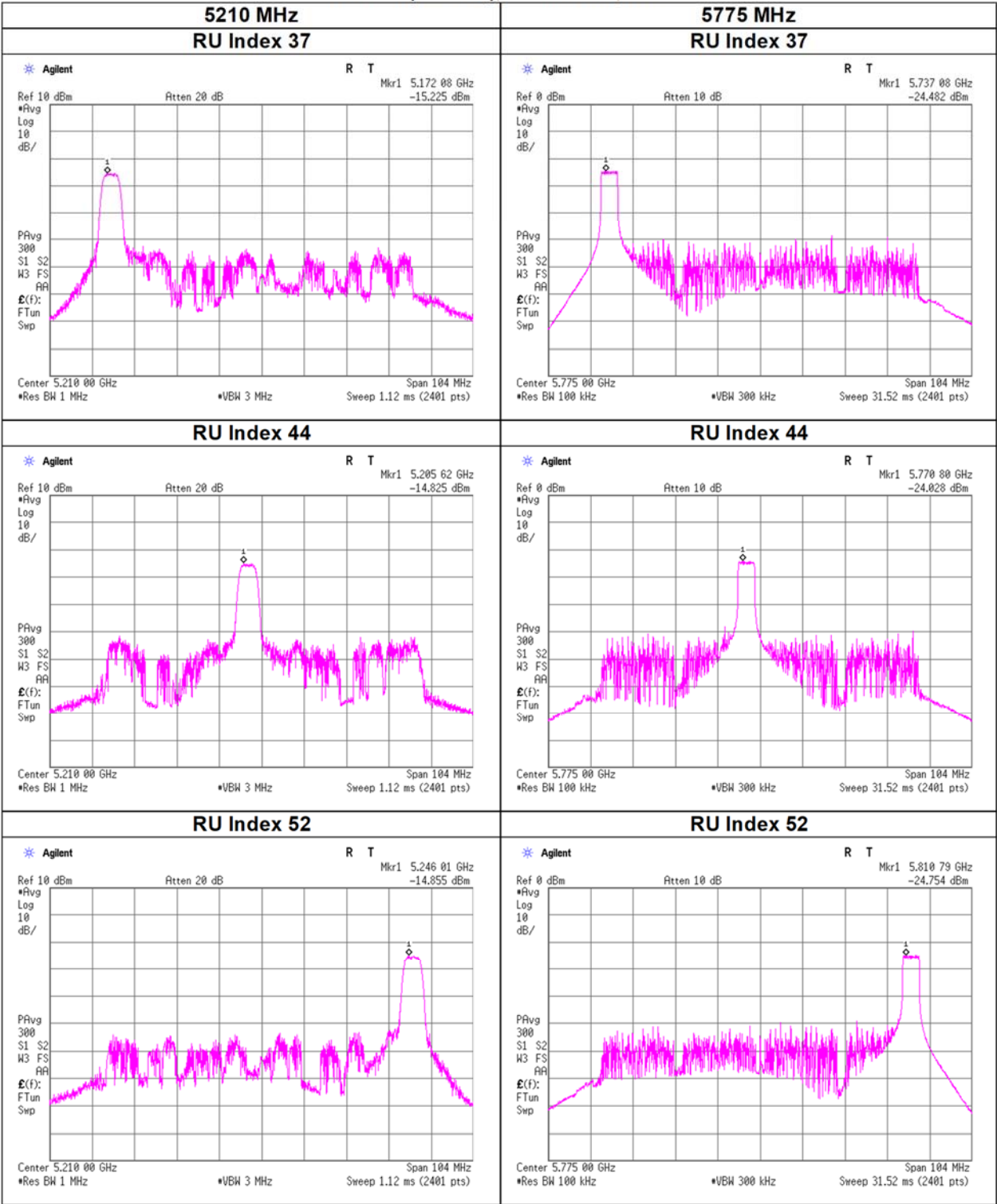
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, RF1



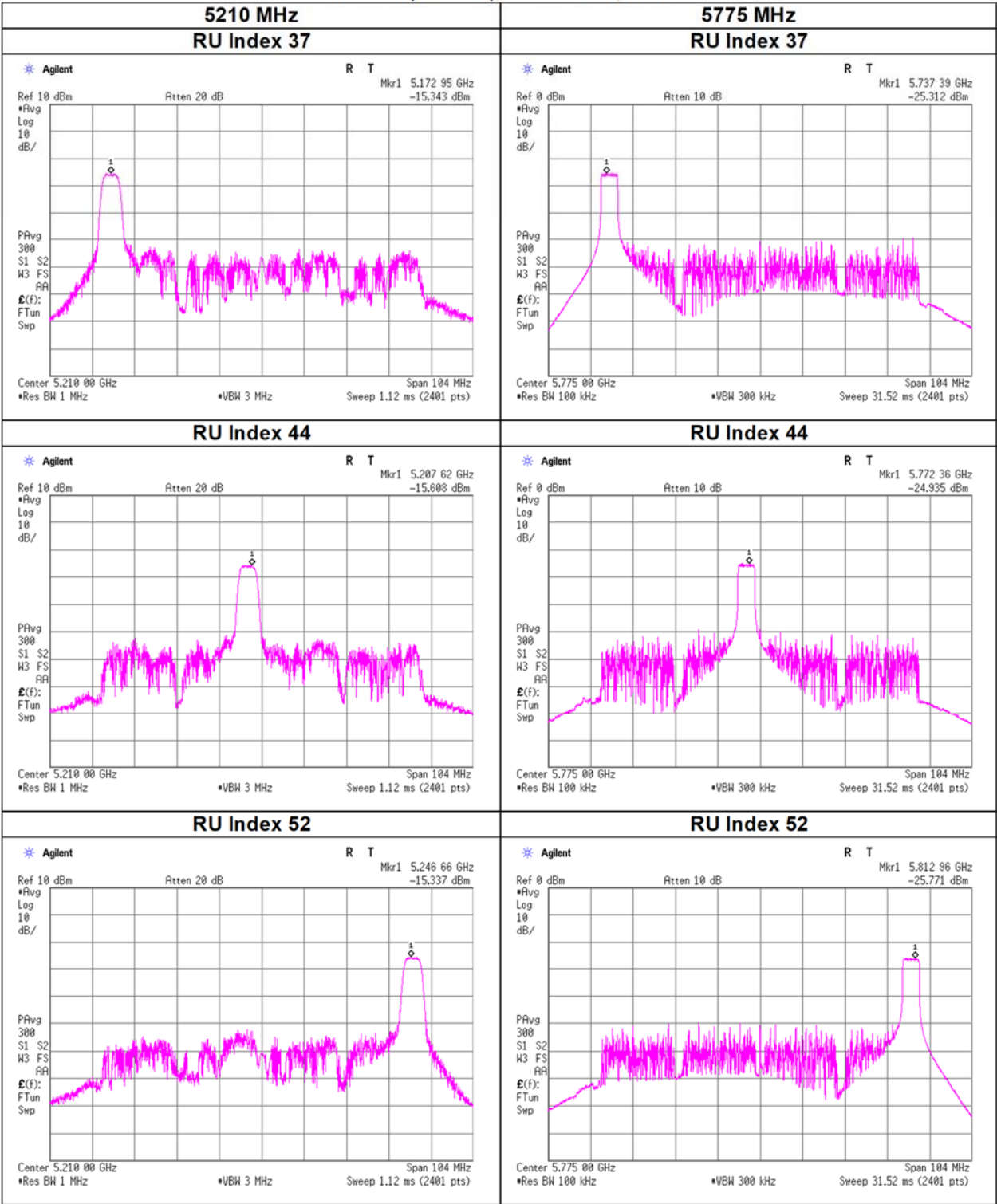
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, RF0



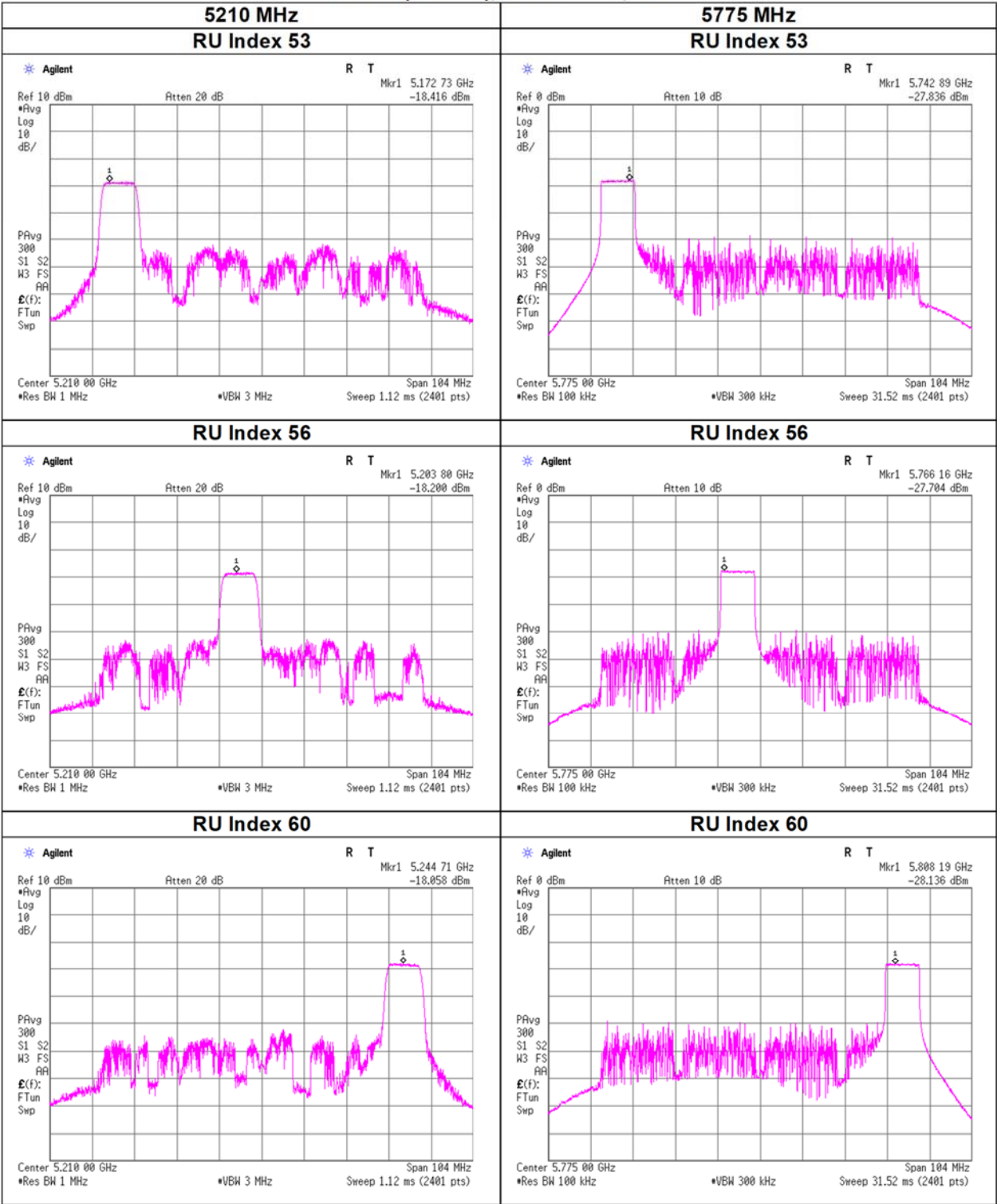
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, RF1



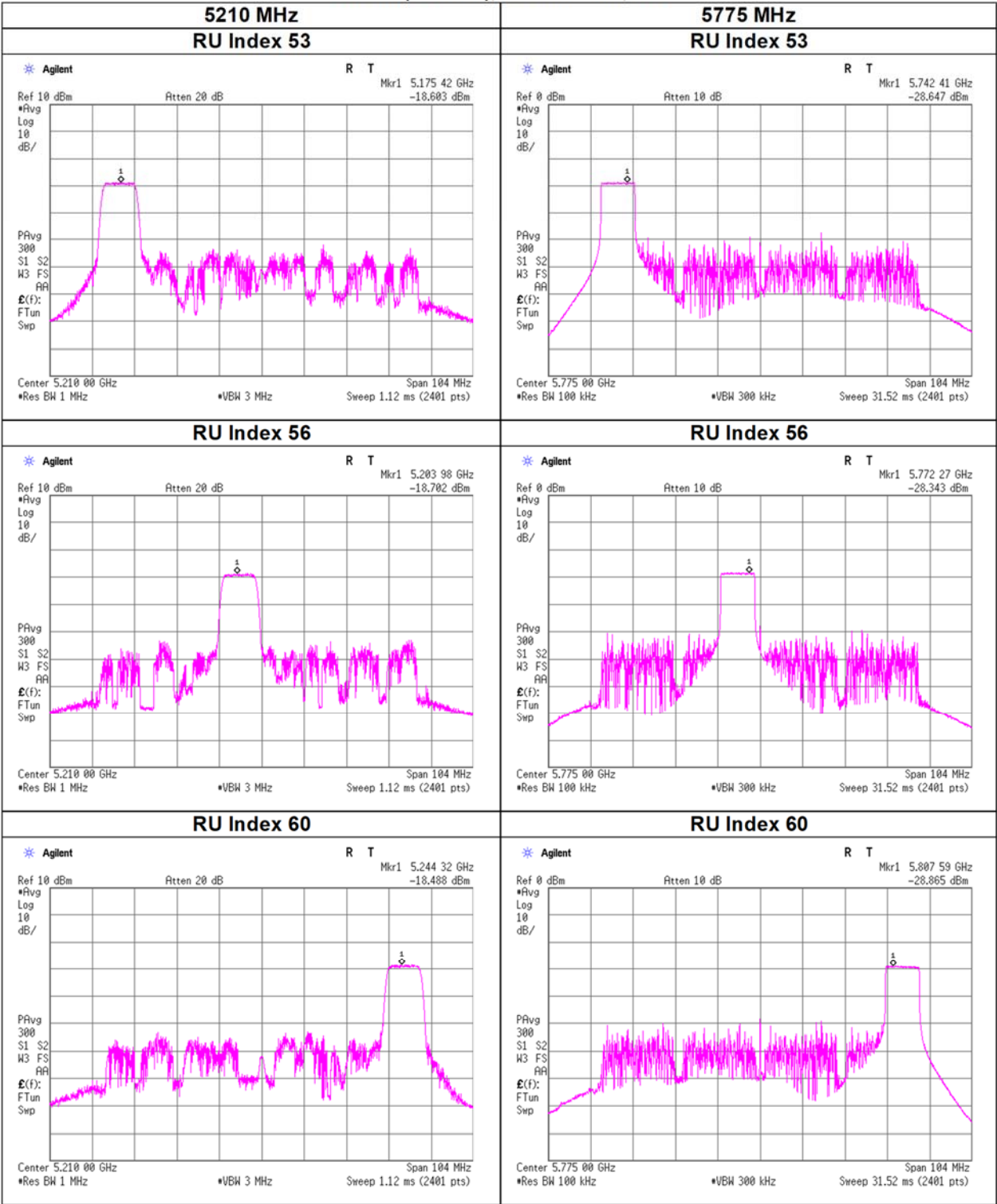
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, RF0



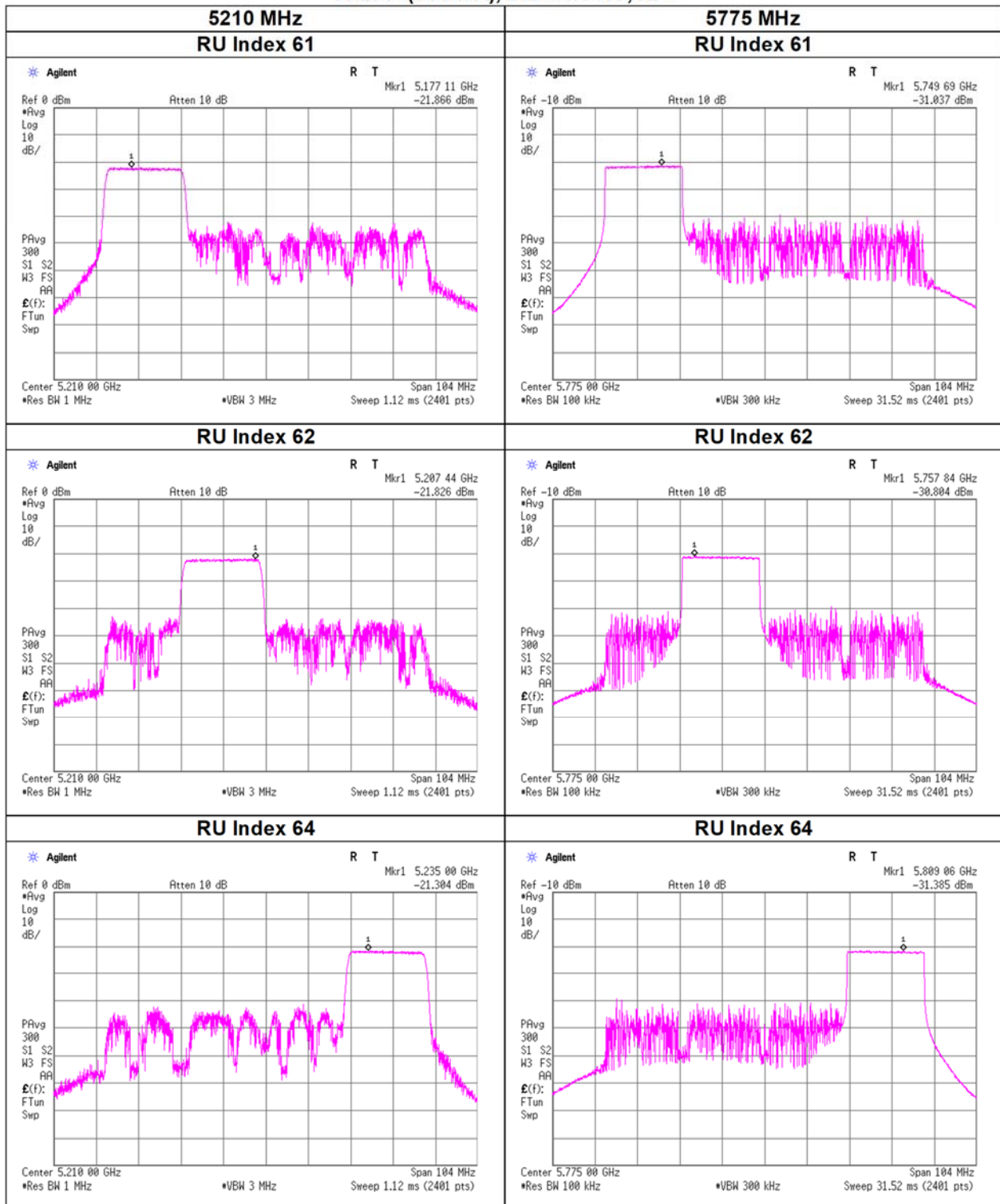
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, RF1



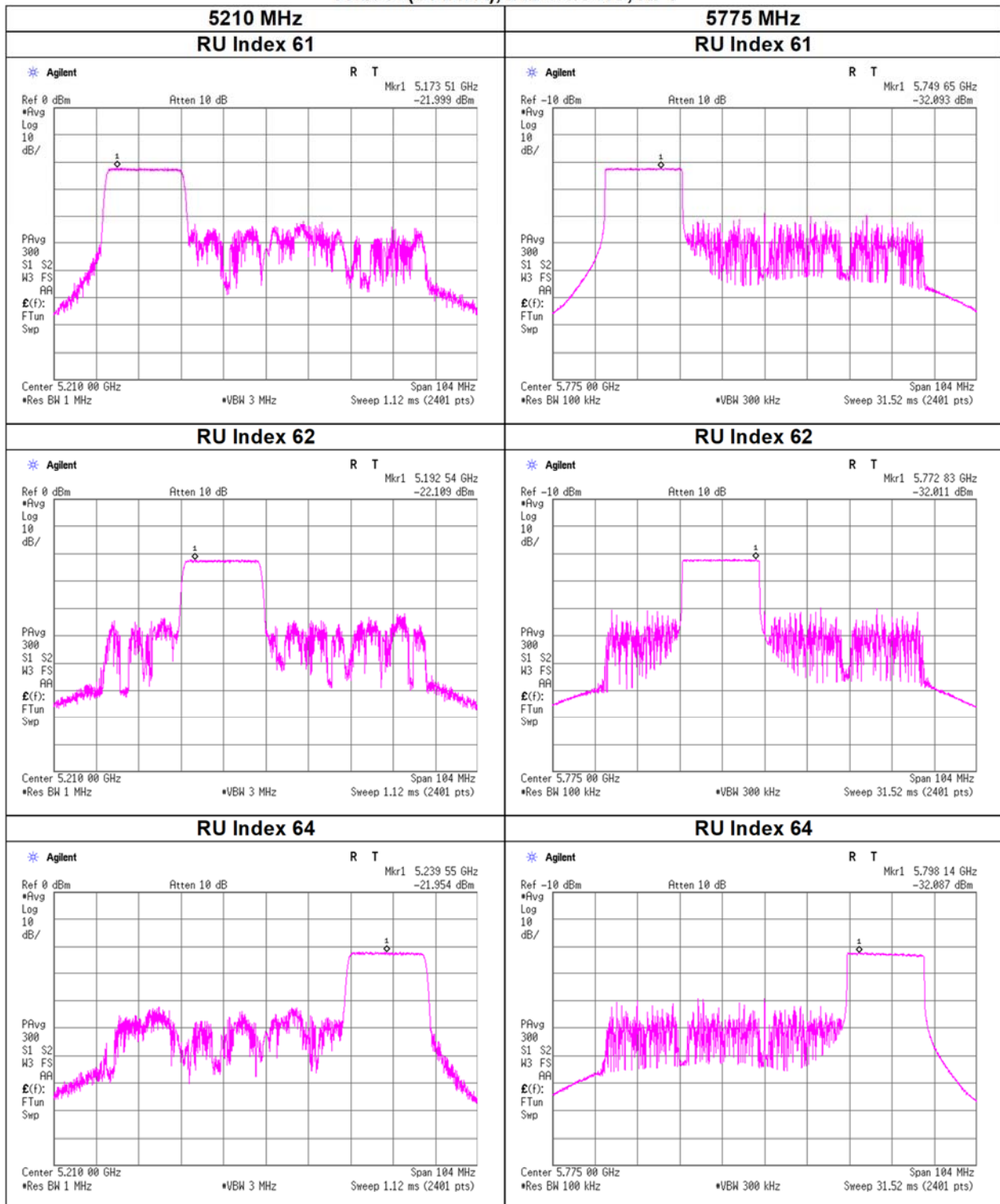
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, RF0



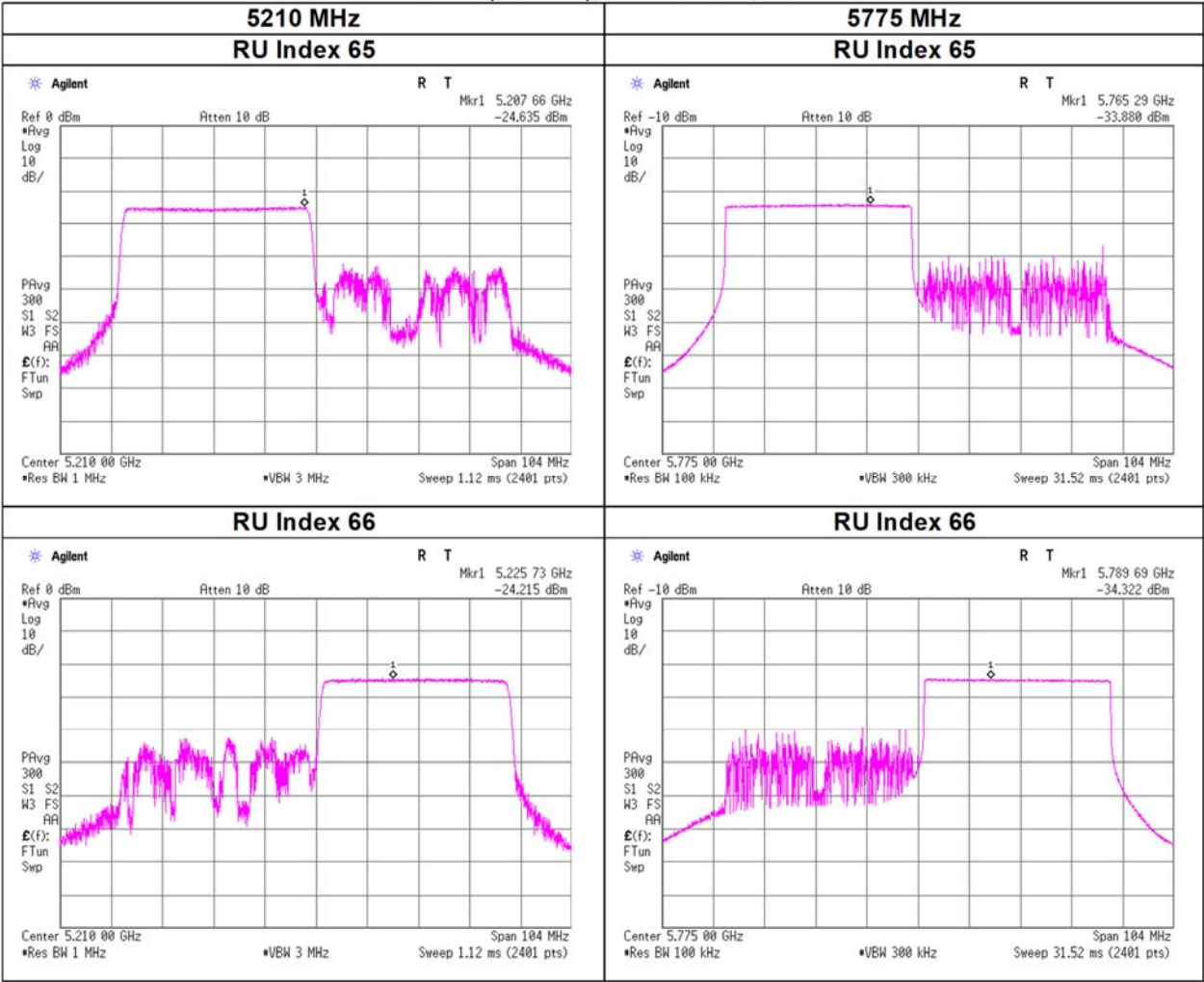
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, RF1



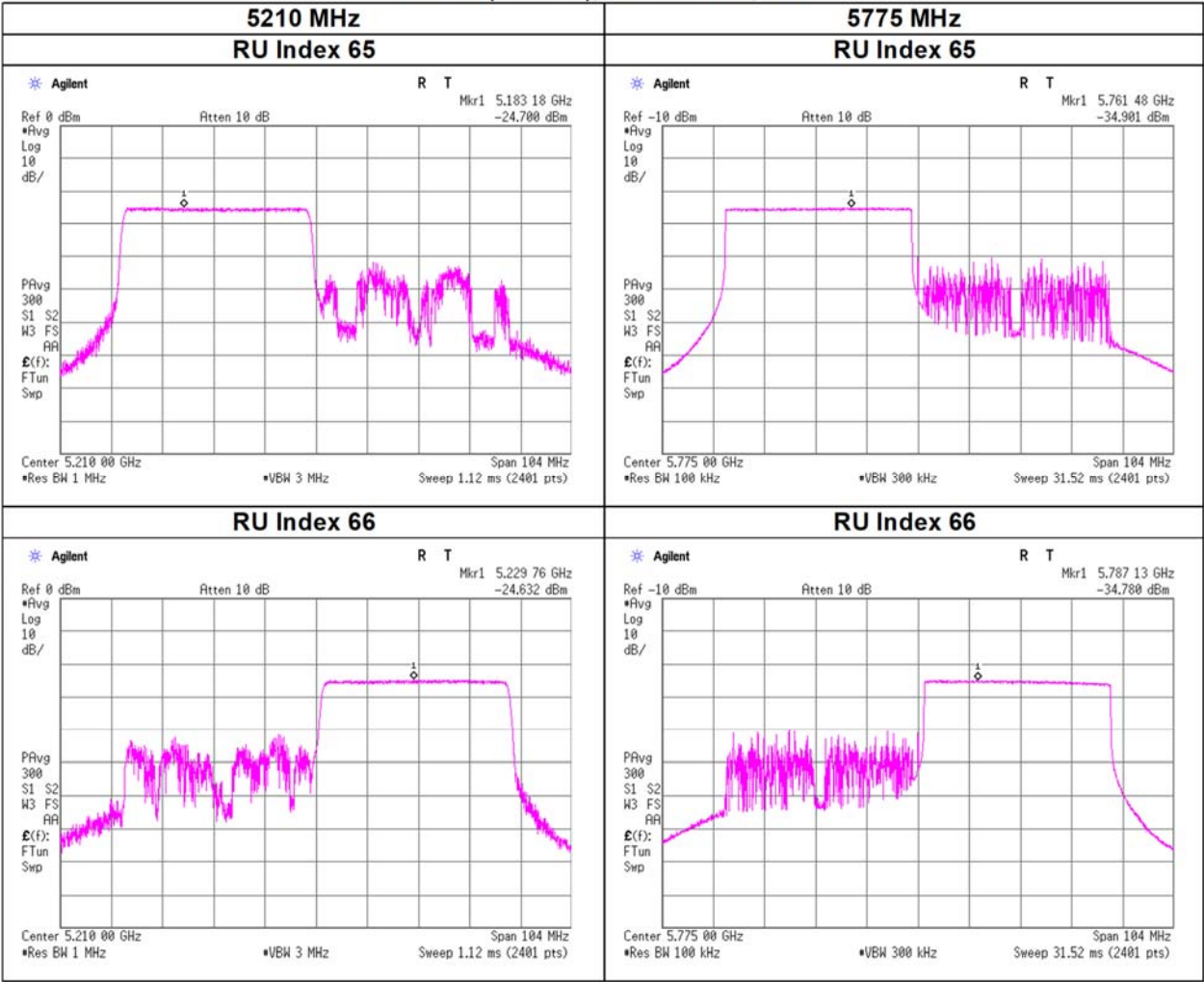
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, RF0



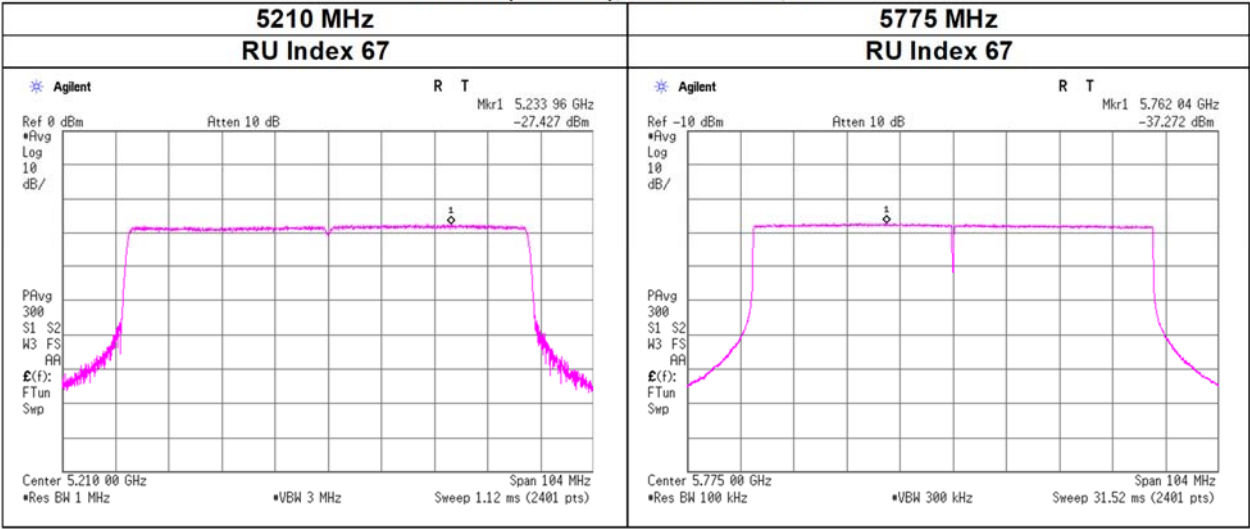
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, RF1

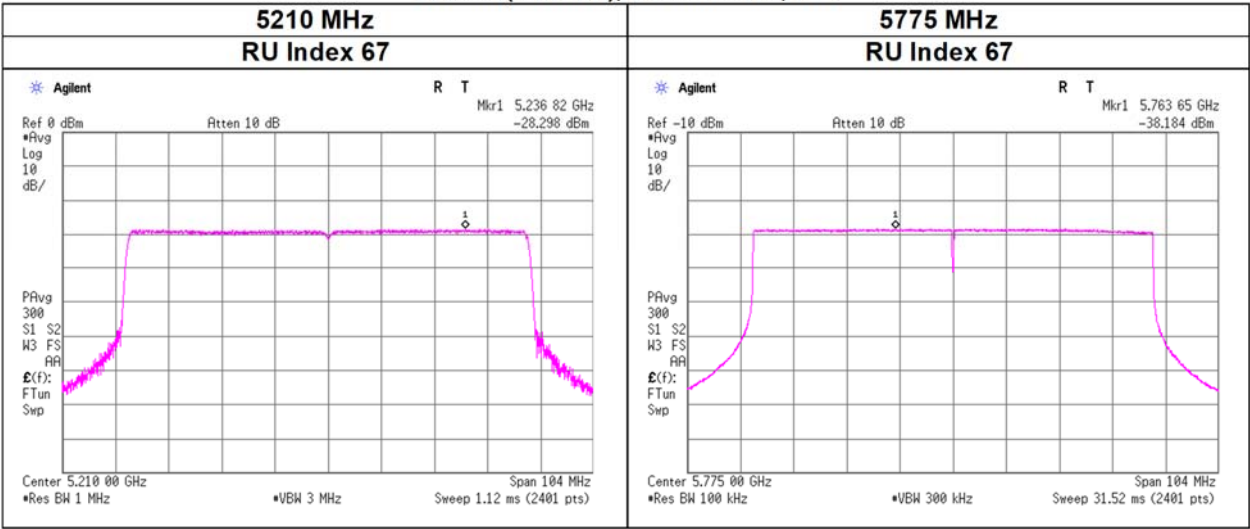


Maximum Power Spectral Density

11ax-80(OFDMA), 996-tone RU, RF0

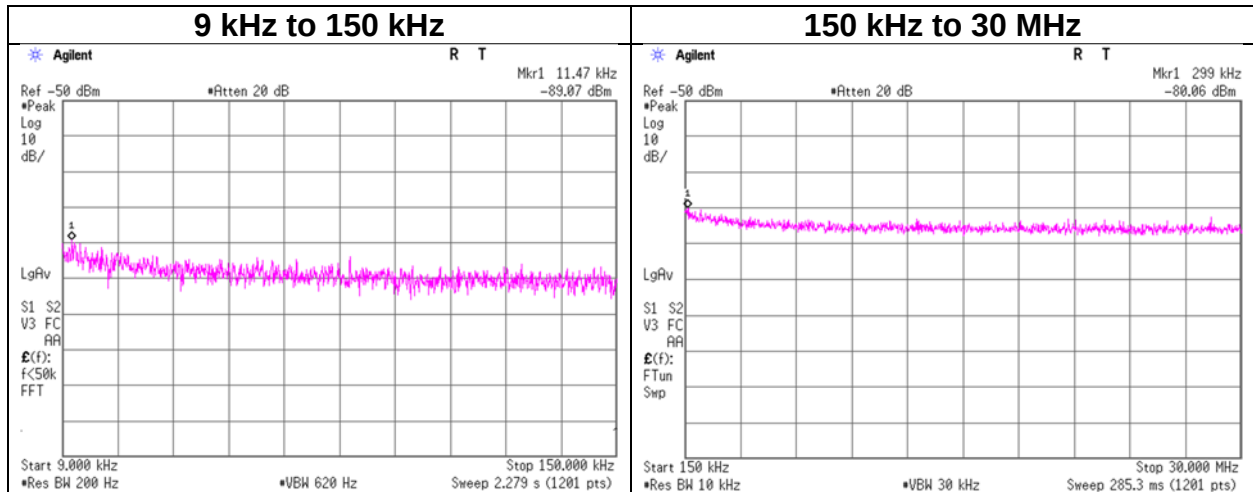


11ax-80(OFDMA), 996-tone RU, RF1



Conducted Spurious Emission

Test place Shonan EMC Lab. No.5 Shielded Room
Date April 28, 2023
Temperature / Humidity 24 deg. C / 42 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-20(OFDMA) 52-tone RU 5825 MHz



Frequency [kHz]	Reading [dBm]	Cable Loss [dB]	Attenuator [dB]	Antenna Gain [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
11.47	-89.1	1.01	9.5	5.0	2	-70.5	300	6.0	-9.3	46.4	55.7	-
299.00	-80.1	1.08	9.5	5.0	2	-61.4	300	6.0	-0.2	18.0	18.2	-

$E \text{ [dBuV/m]} = \text{EIRP [dBm]} - 20 \log (\text{Distance [m]}) + \text{Ground bounce [dB]} + 104.8 \text{ [dBuV/m]}$

$\text{EIRP [dBm]} = \text{Reading [dBm]} + \text{Cable loss [dB]} + \text{Attenuator Loss [dB]} + \text{Antenna gain [dBi]} + 10 * \log (N)$

N: Number of output

APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	145089	Spectrum Analyzer	Keysight Technologies Inc	E4446A	MY46180525	2022/11/01	12
AT	145111	Digital Tester	SANWA	PC500	7019232	2022/09/20	12
AT	145132	Attenuator	Weinschel Corp.	54A-10	W5692	2022/10/20	12
AT	145801	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250152	2022/08/04	12
AT	146062	Terminator	Hirose Electric	HRM-TMP-05(40)	-	-	-
AT	151609	Attenuator	Weinschel Corp.	54A-10	81601	2023/03/02	12
AT	169910	Power Meter	Keysight Technologies Inc	8990B	MY51000448	2022/11/08	12
AT	169911	Power sensor	Keysight Technologies Inc	N1923A	MY57270004	2022/11/08	12
AT	169912	Power sensor	Keysight Technologies Inc	N1923A	MY57290005	2022/11/08	12
AT	179106	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q061-R	2023/04/12	12
AT	179107	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q062-R	2023/04/12	12
AT	191845	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2022/08/08	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test