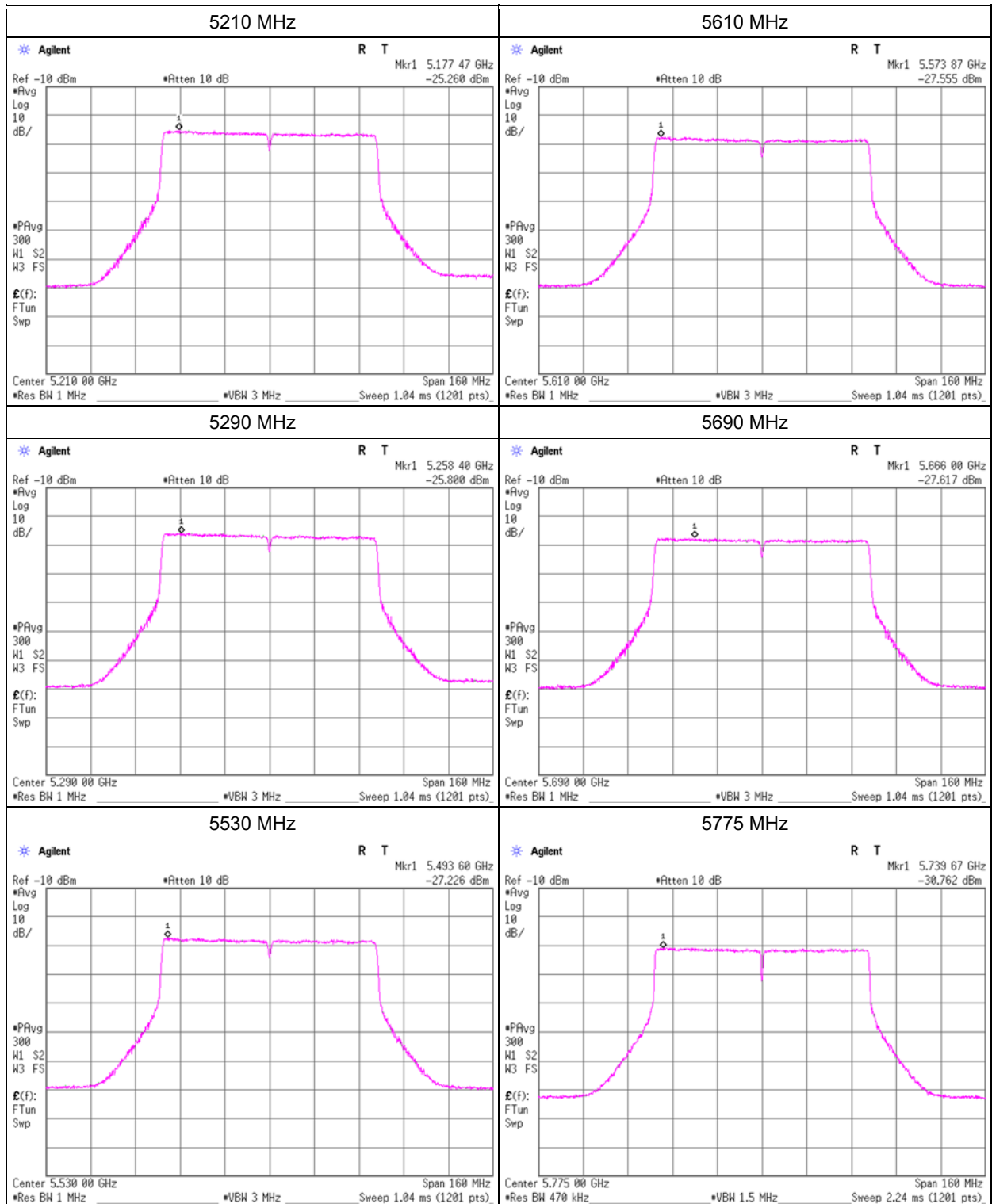


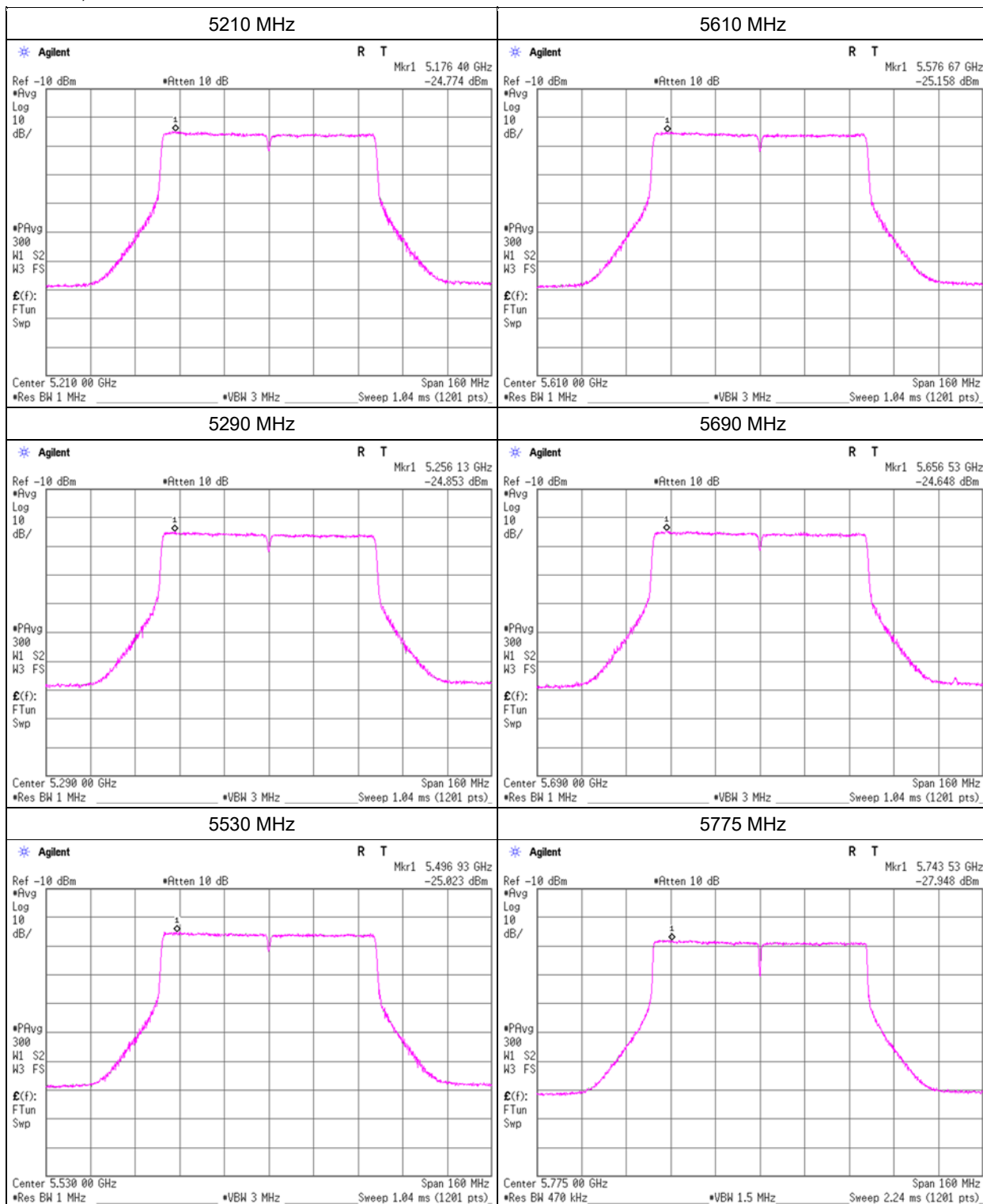
Maximum Power Spectral Density

11ac-80, ANT1



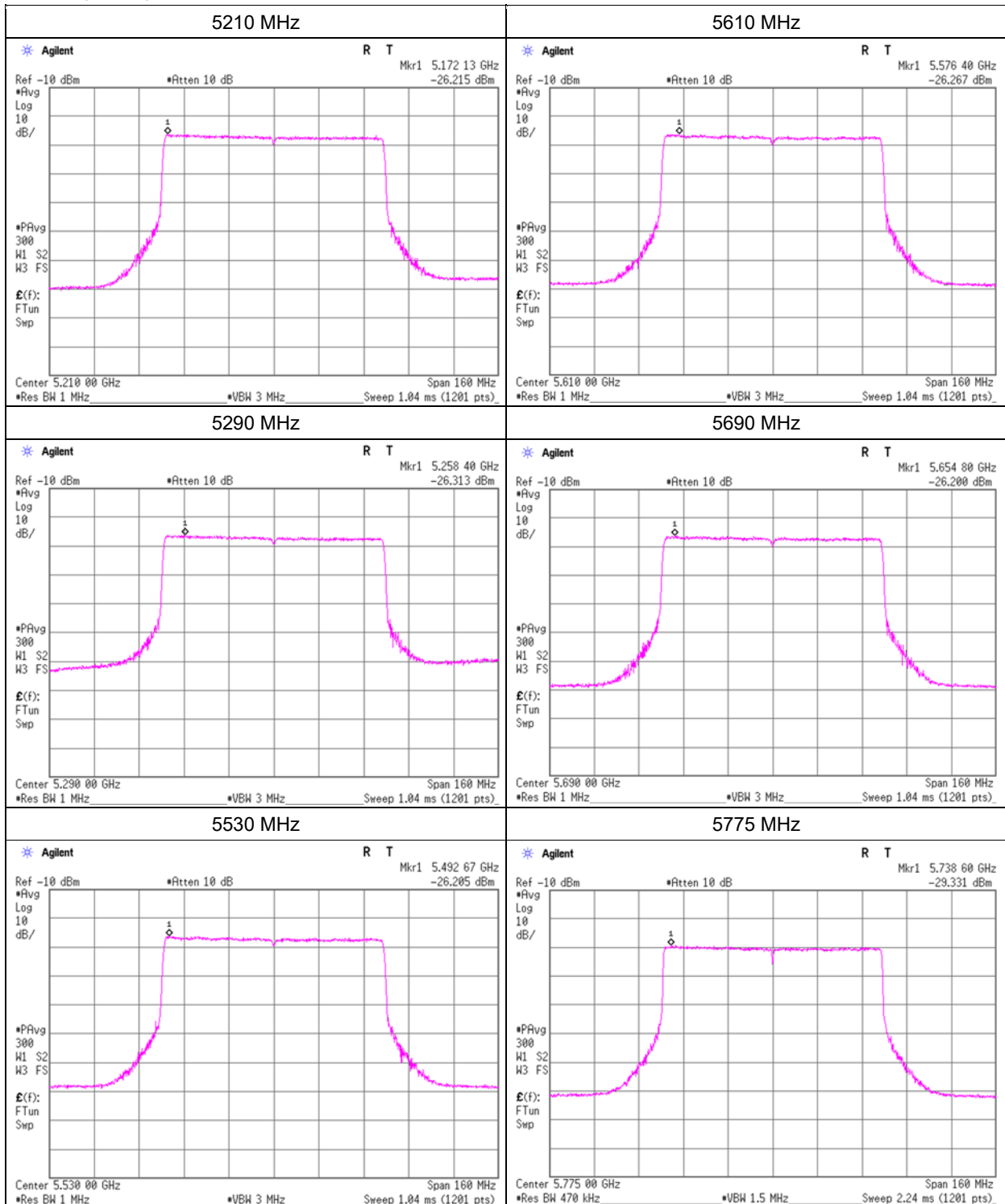
Maximum Power Spectral Density

11ac-80, ANT2



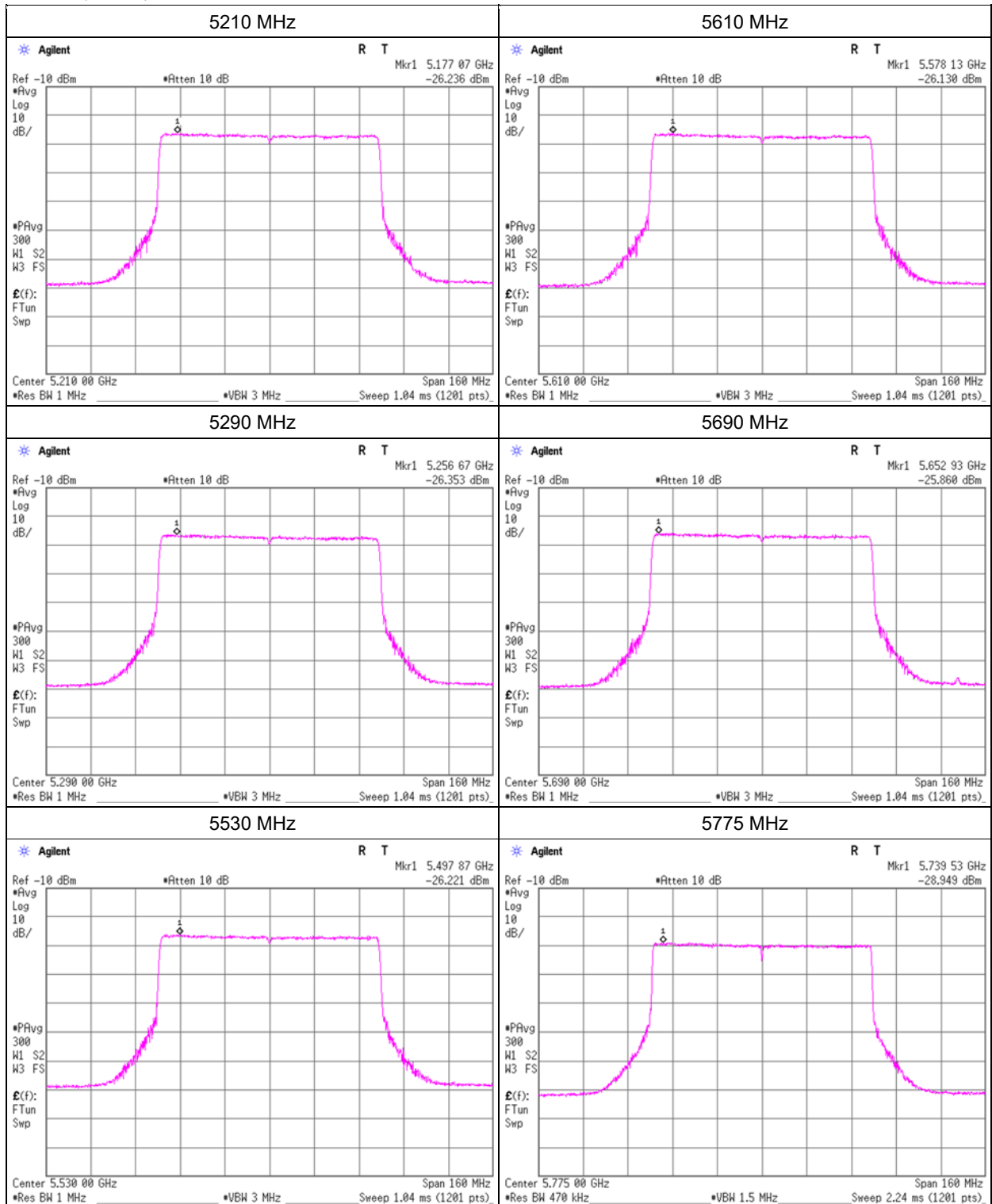
Maximum Power Spectral Density

11ax-80(OFDM), ANT1



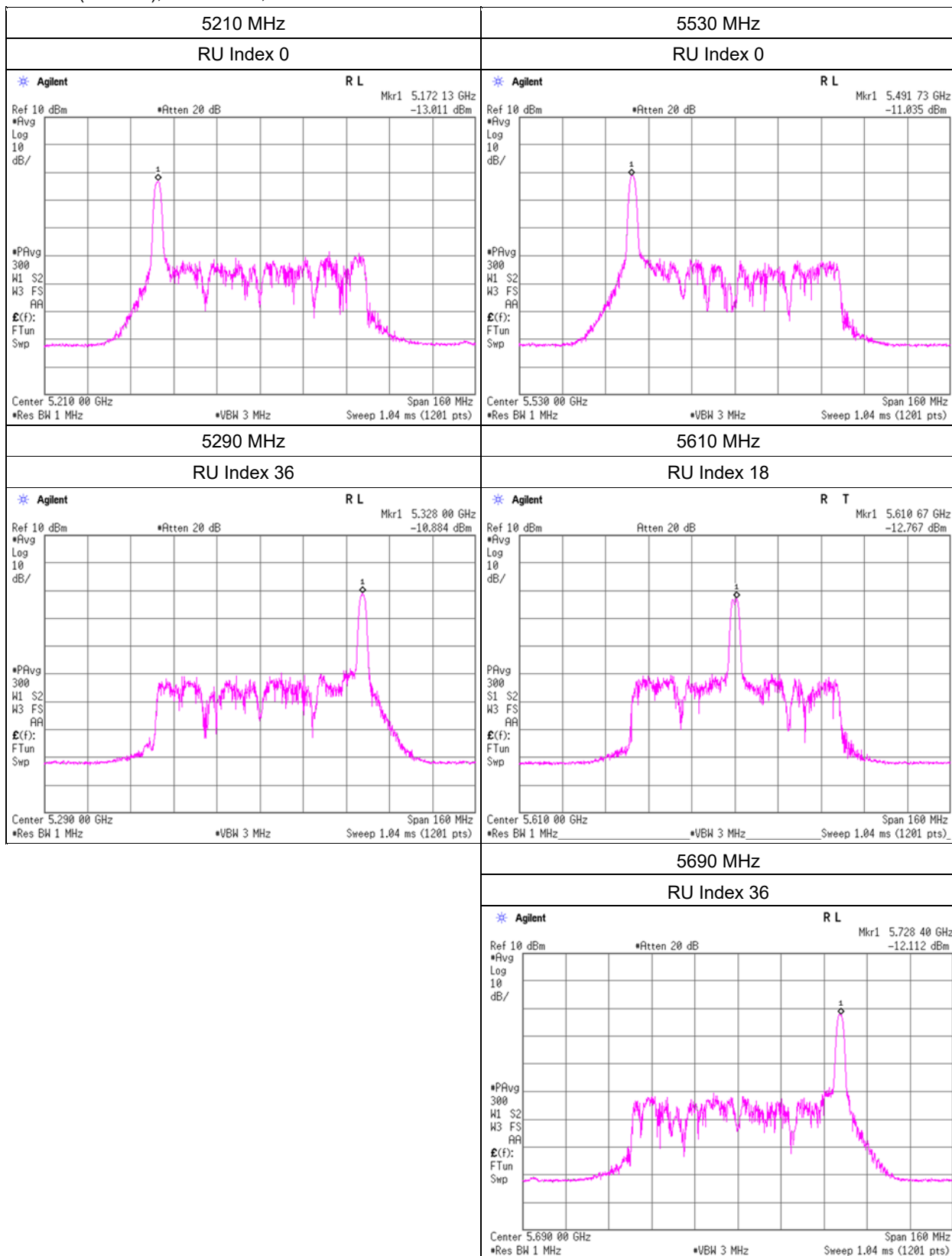
Maximum Power Spectral Density

11ax-80(OFDM), ANT2



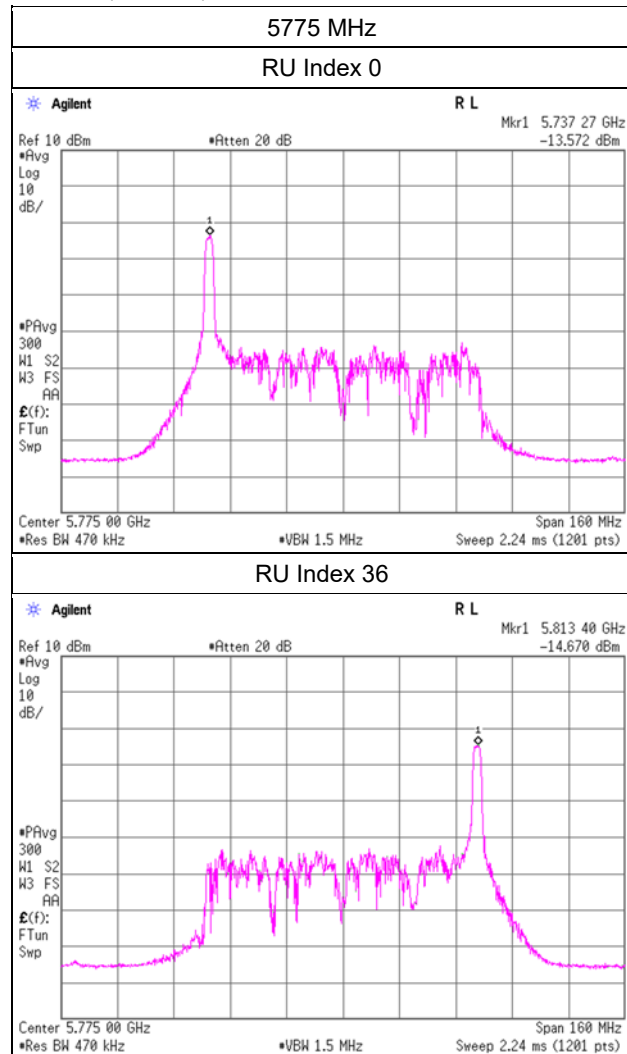
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, ANT1



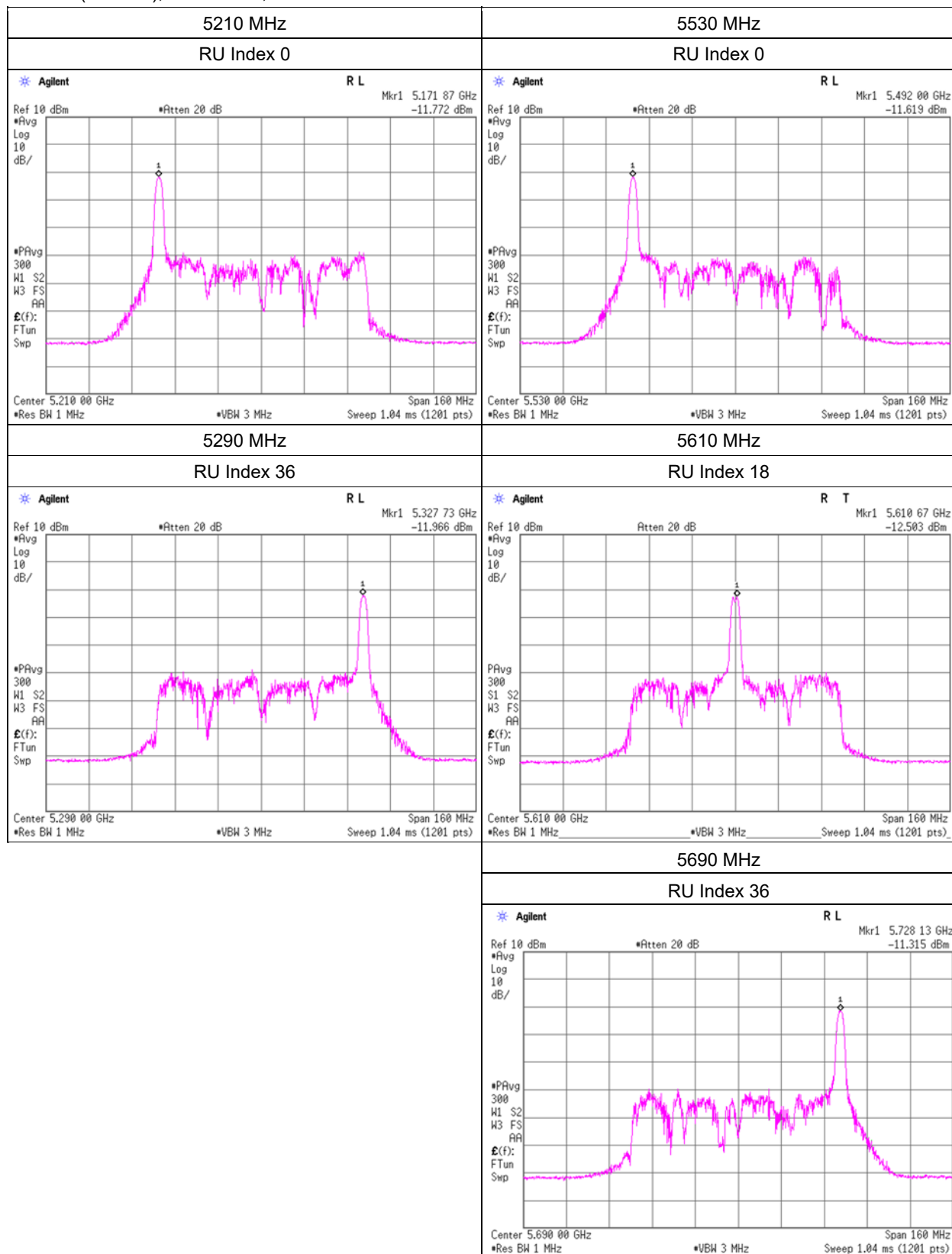
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, ANT1



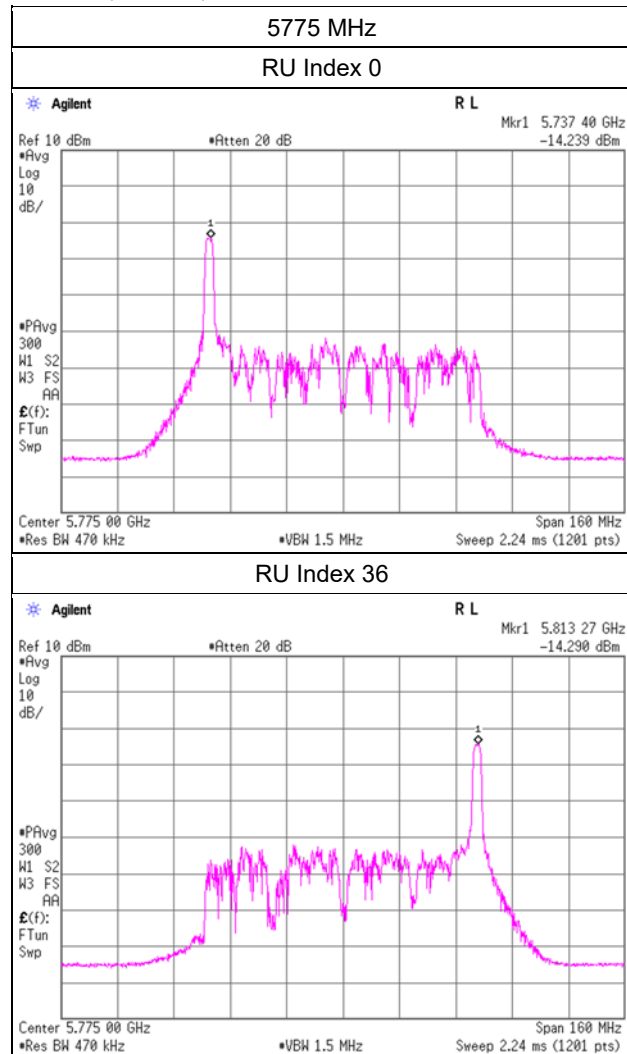
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, ANT2



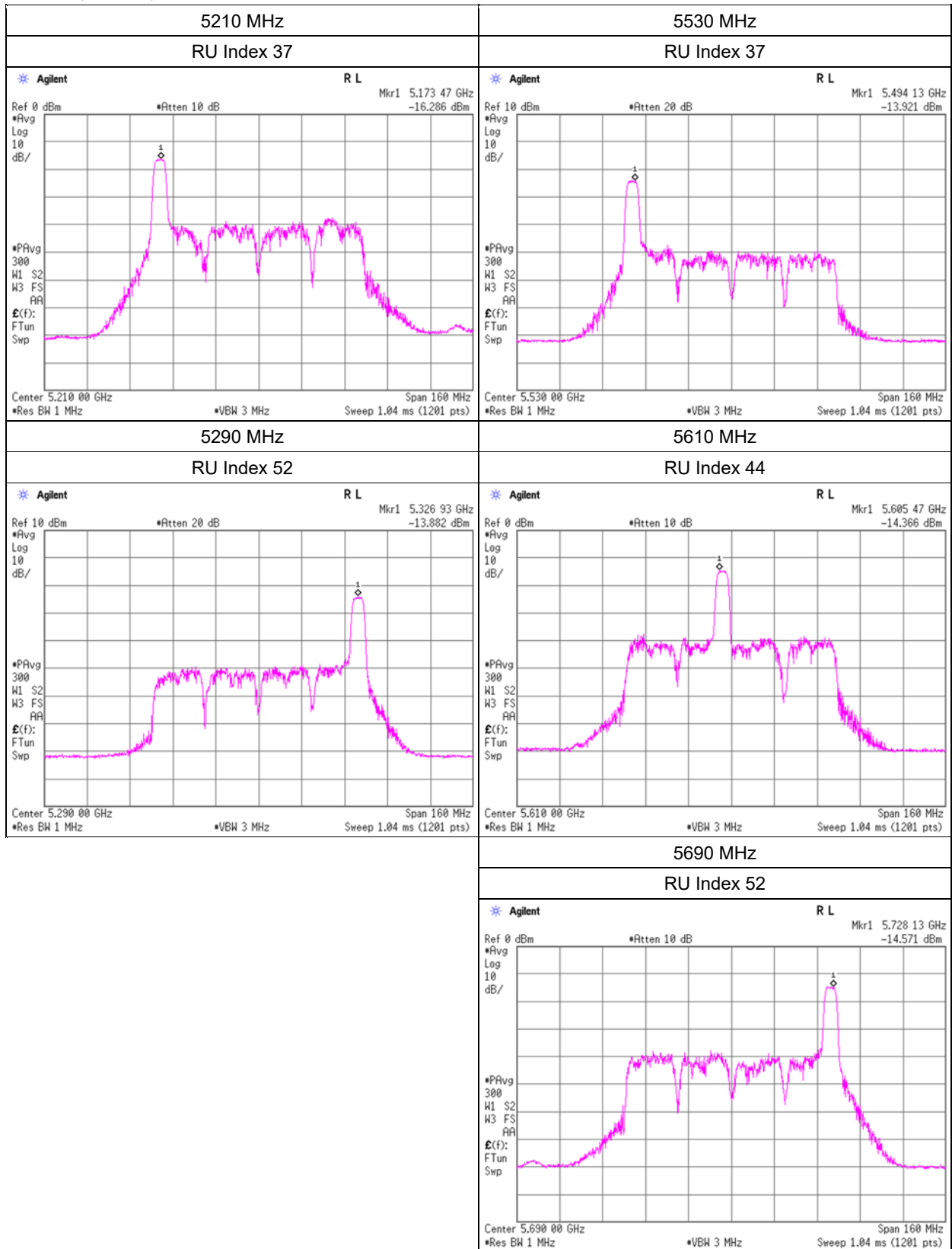
Maximum Power Spectral Density

11ax-80(OFDMA), 26-tone RU, ANT2



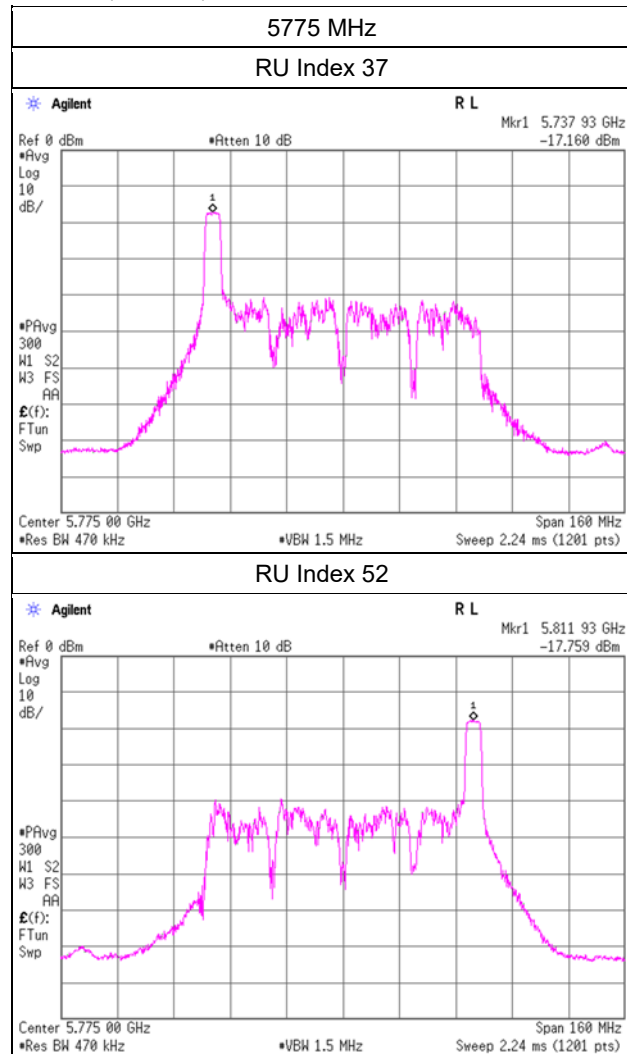
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, ANT1



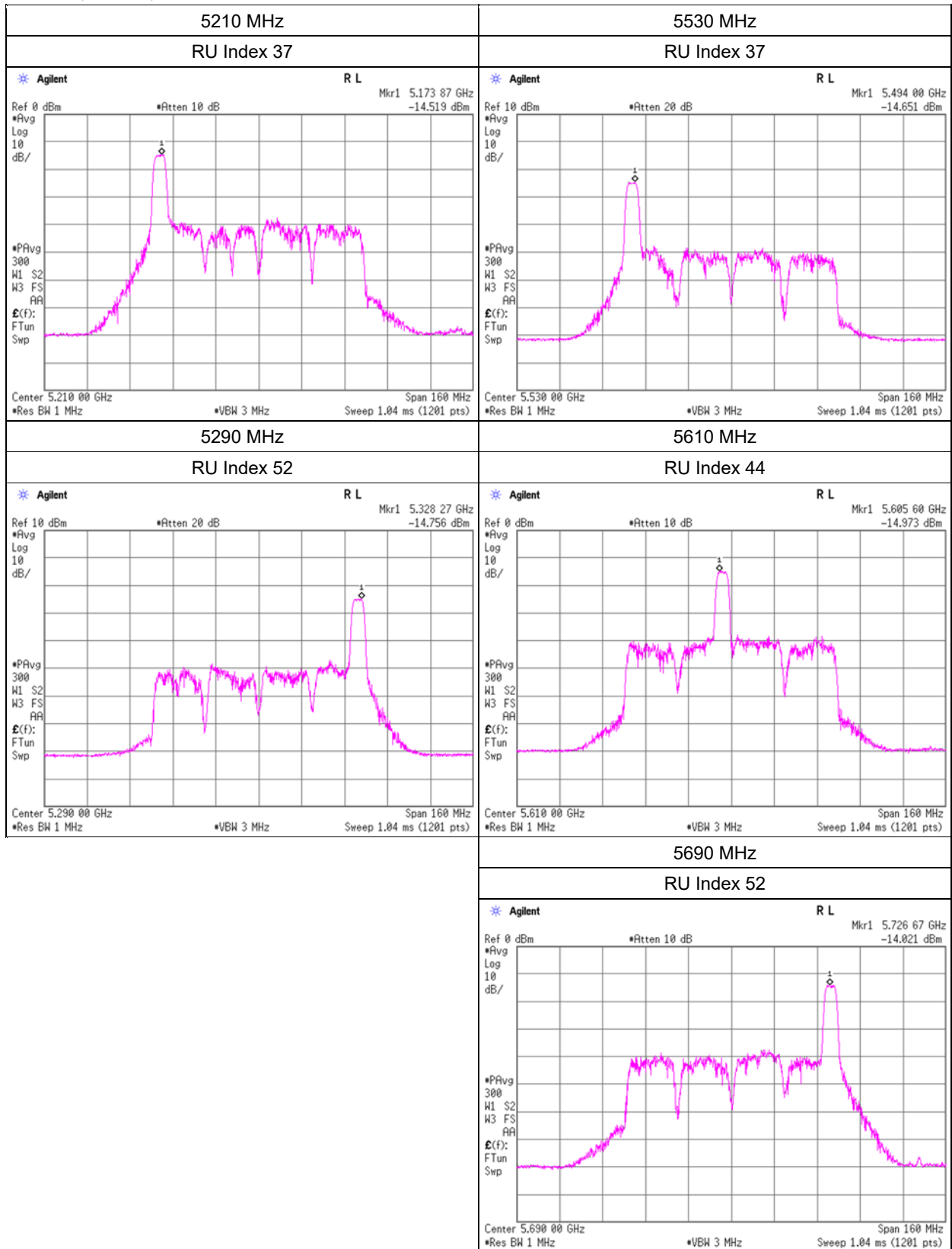
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, ANT1



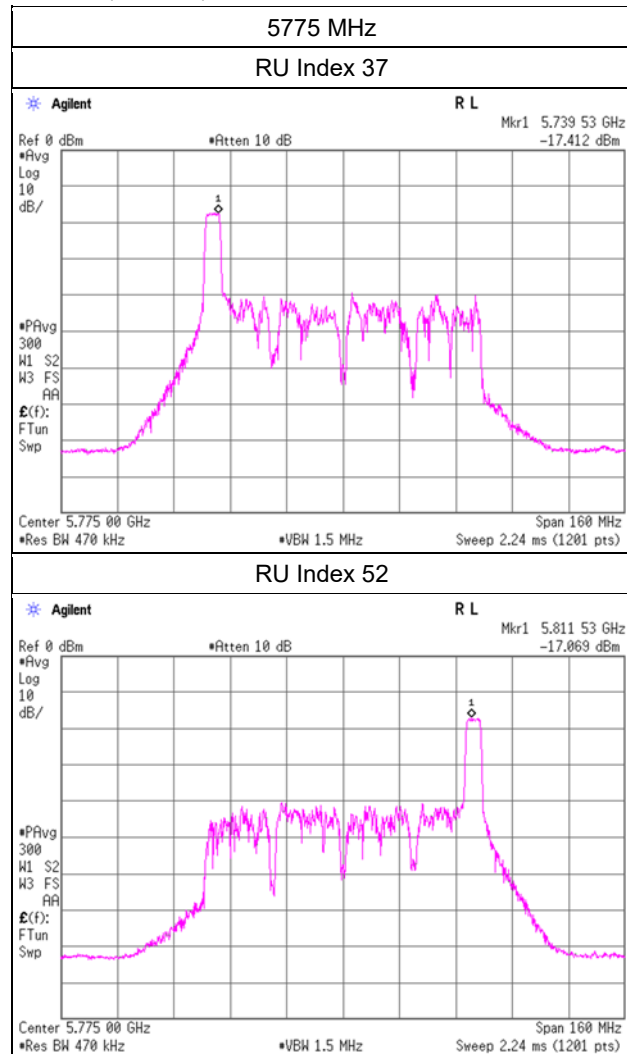
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, ANT2



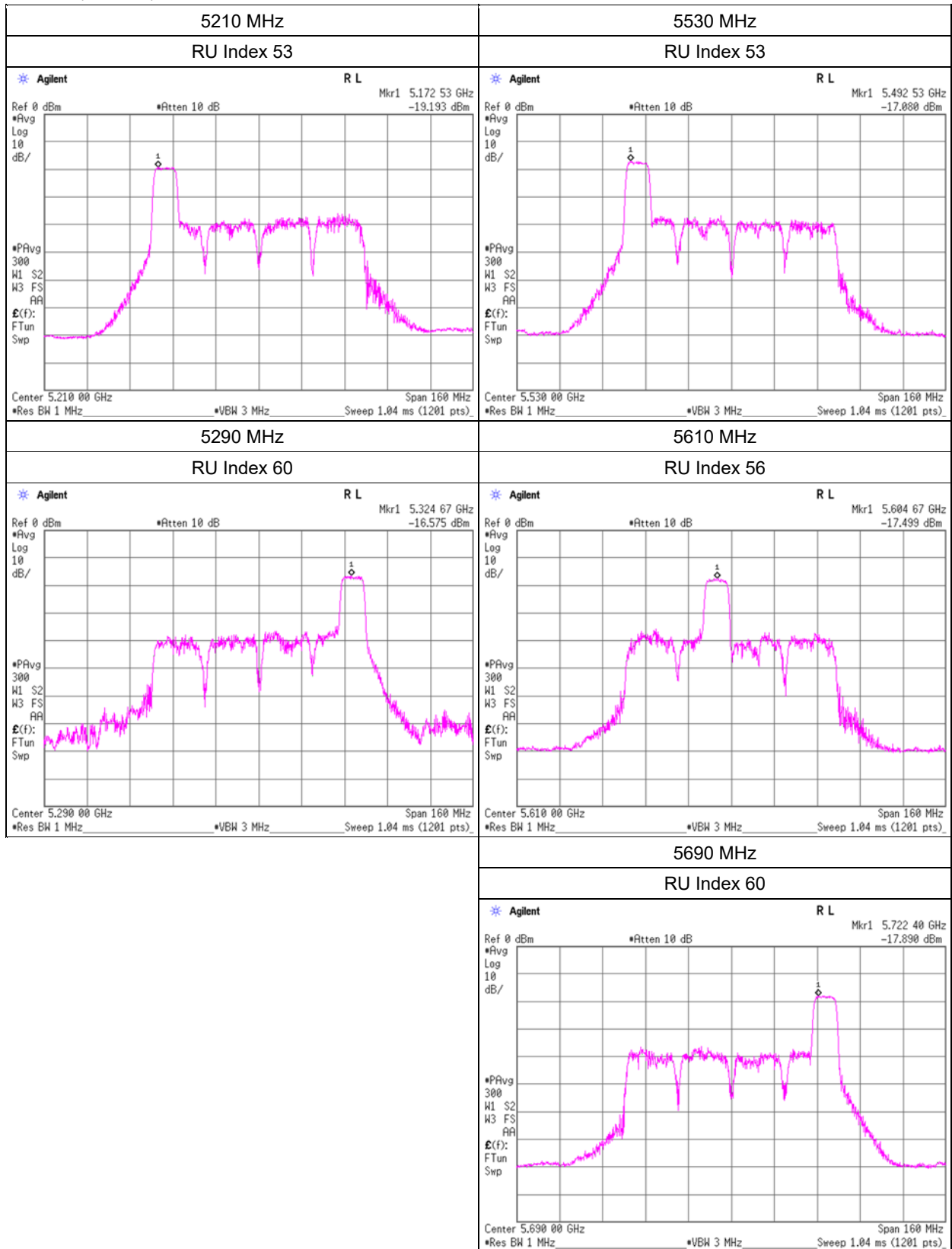
Maximum Power Spectral Density

11ax-80(OFDMA), 52-tone RU, ANT2



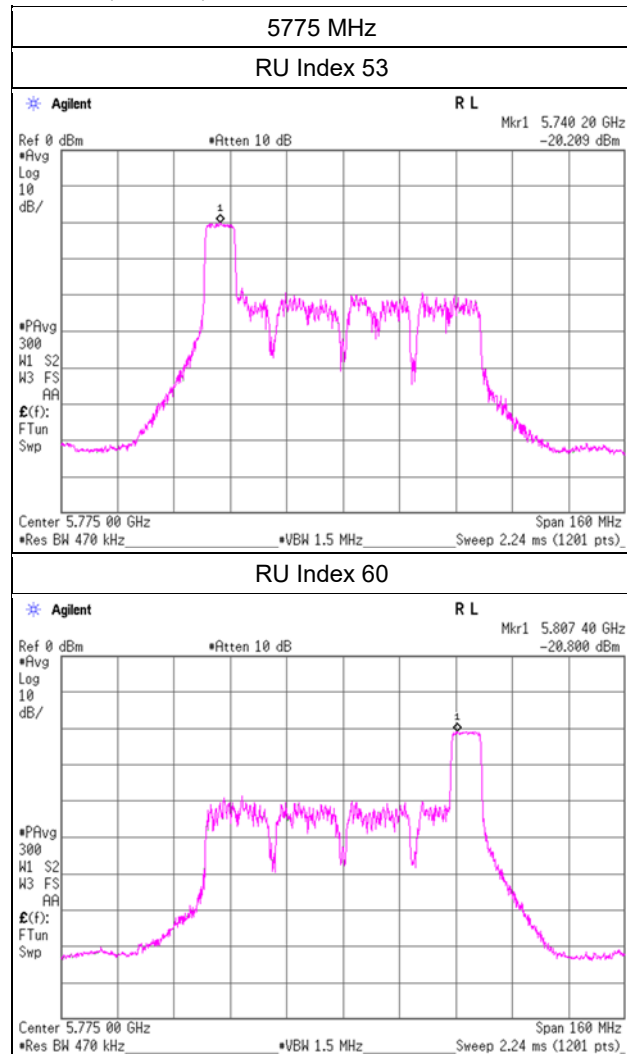
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, ANT1



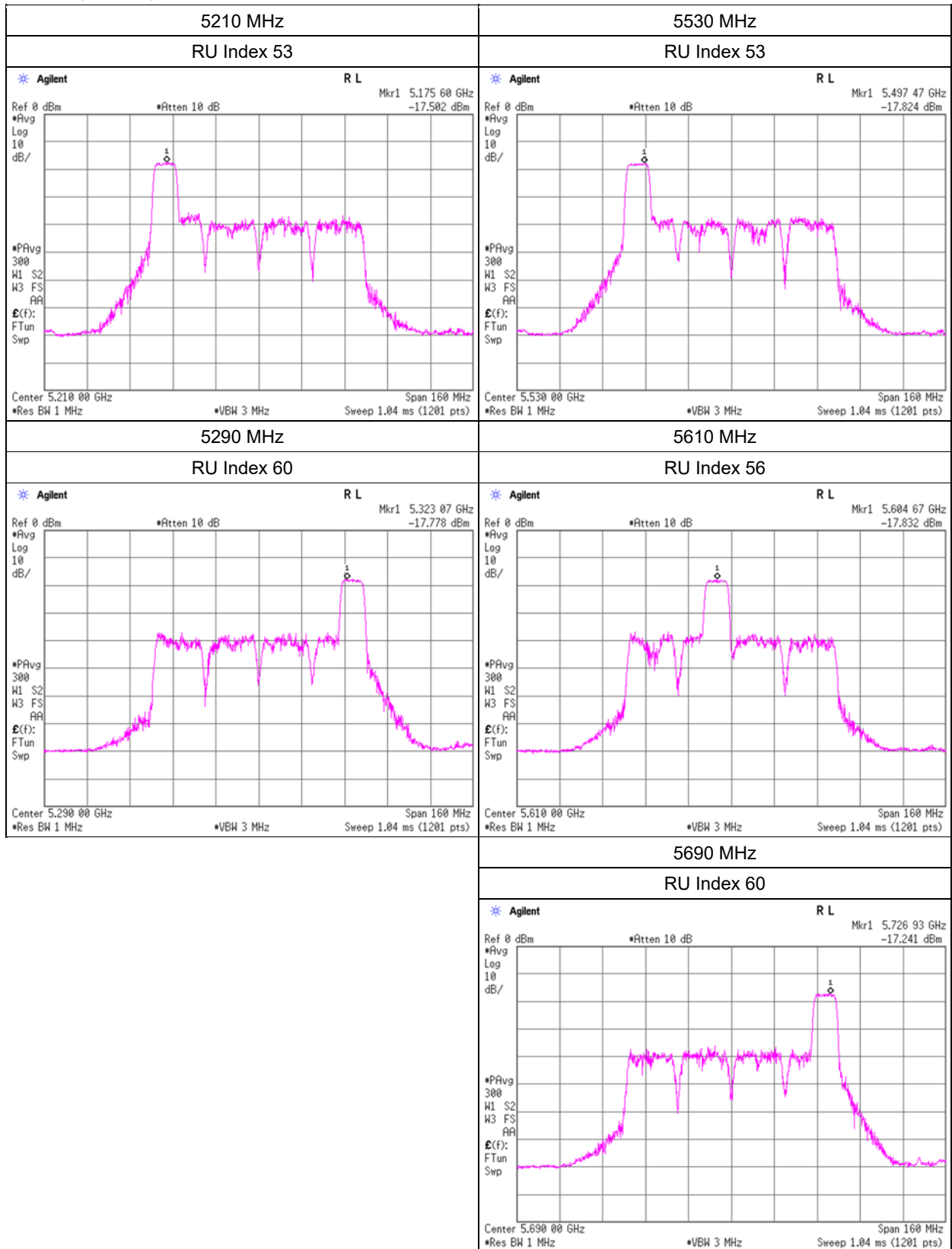
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, ANT1



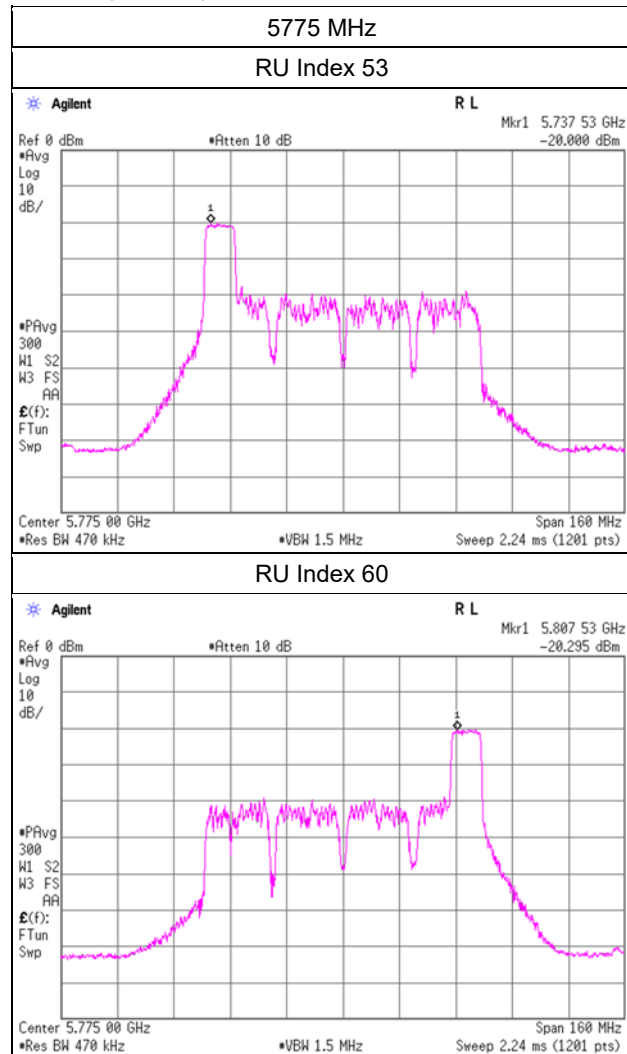
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, ANT2



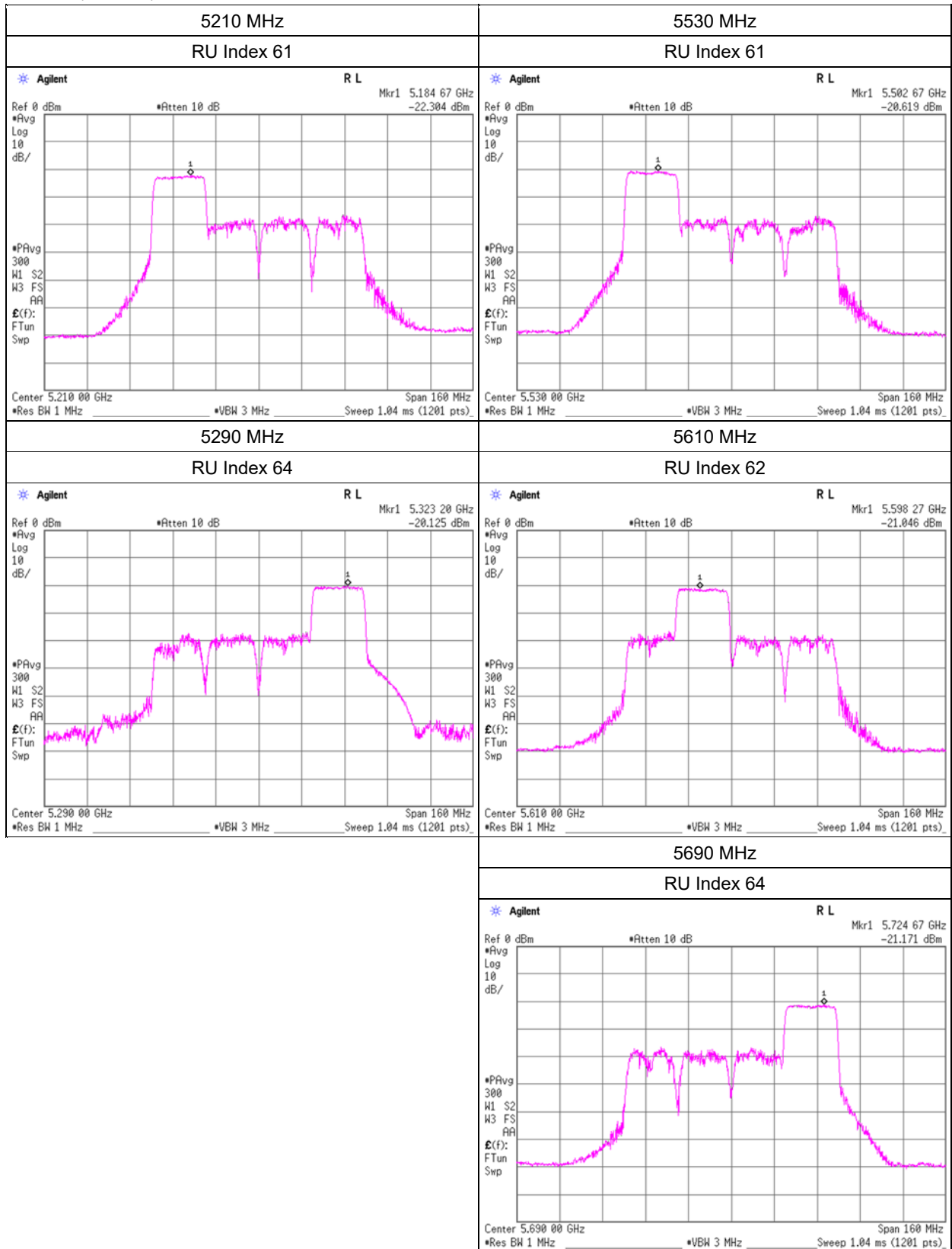
Maximum Power Spectral Density

11ax-80(OFDMA), 106-tone RU, ANT2



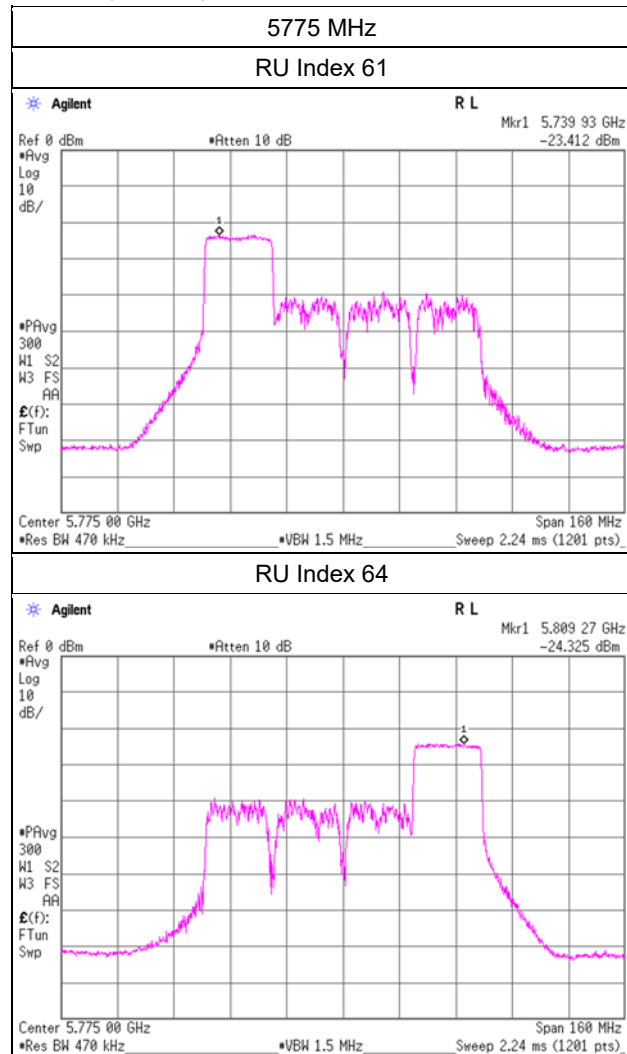
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, ANT1



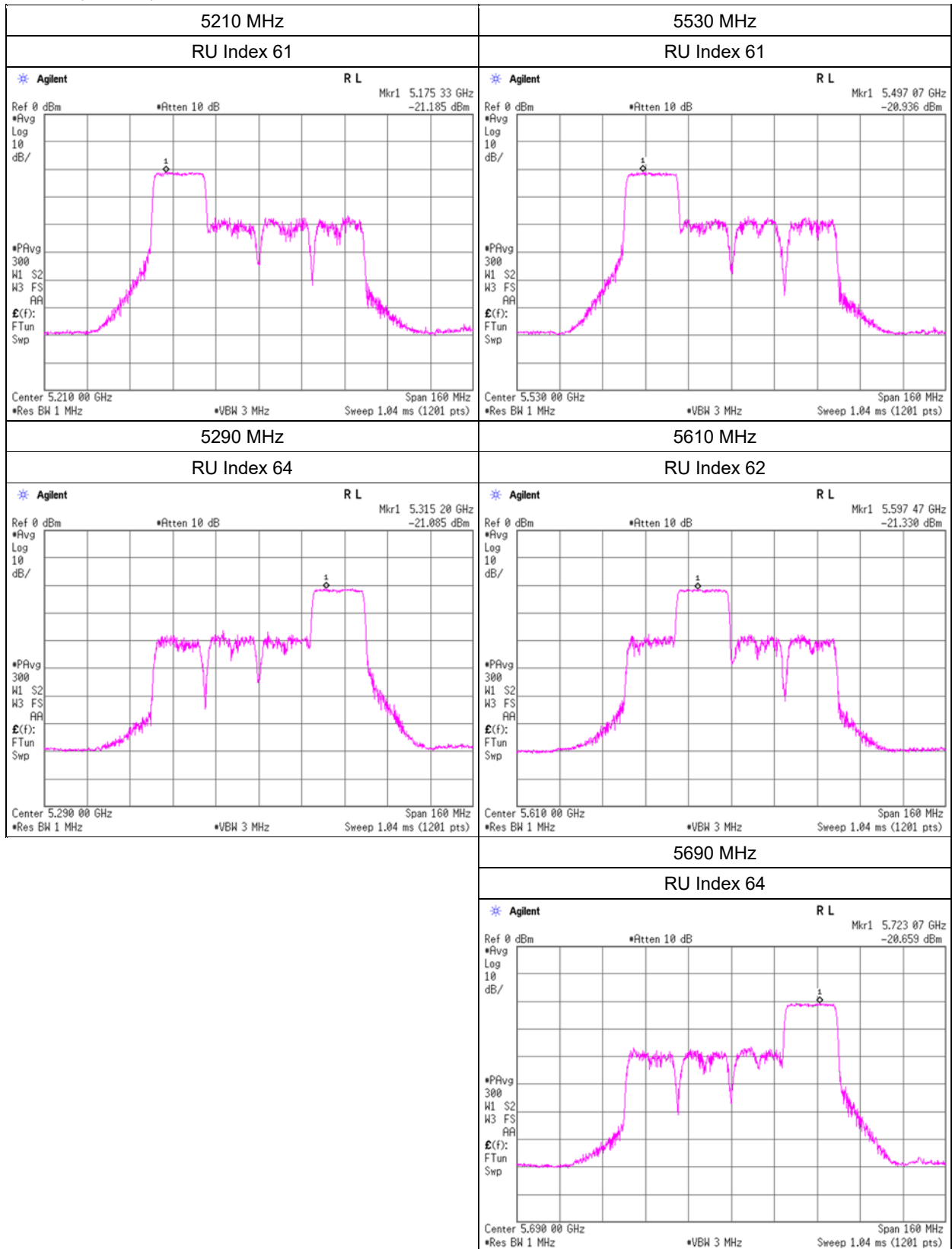
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, ANT1



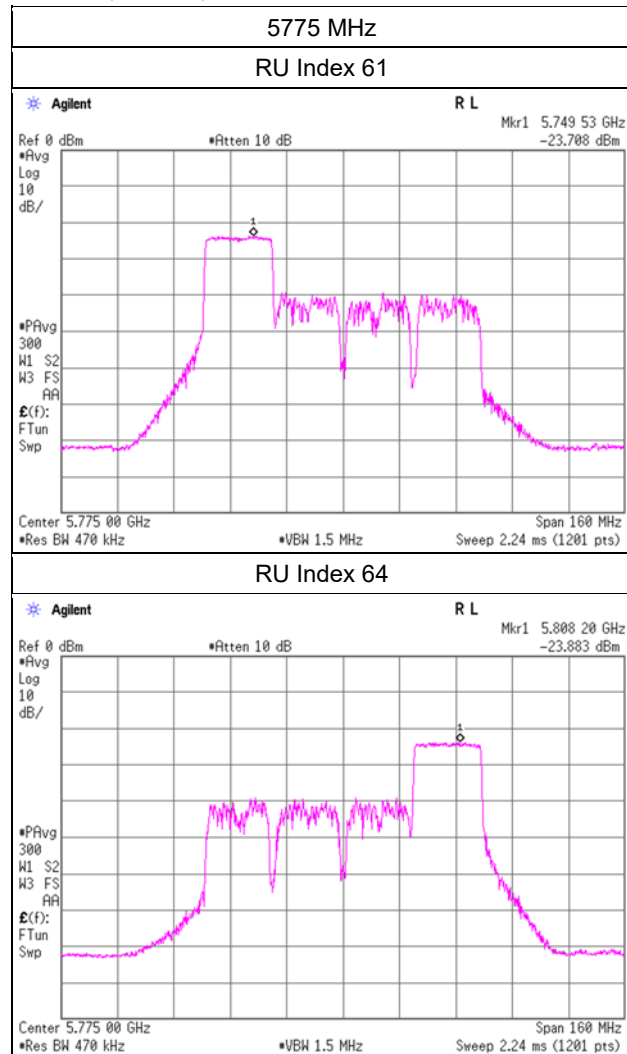
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, ANT2



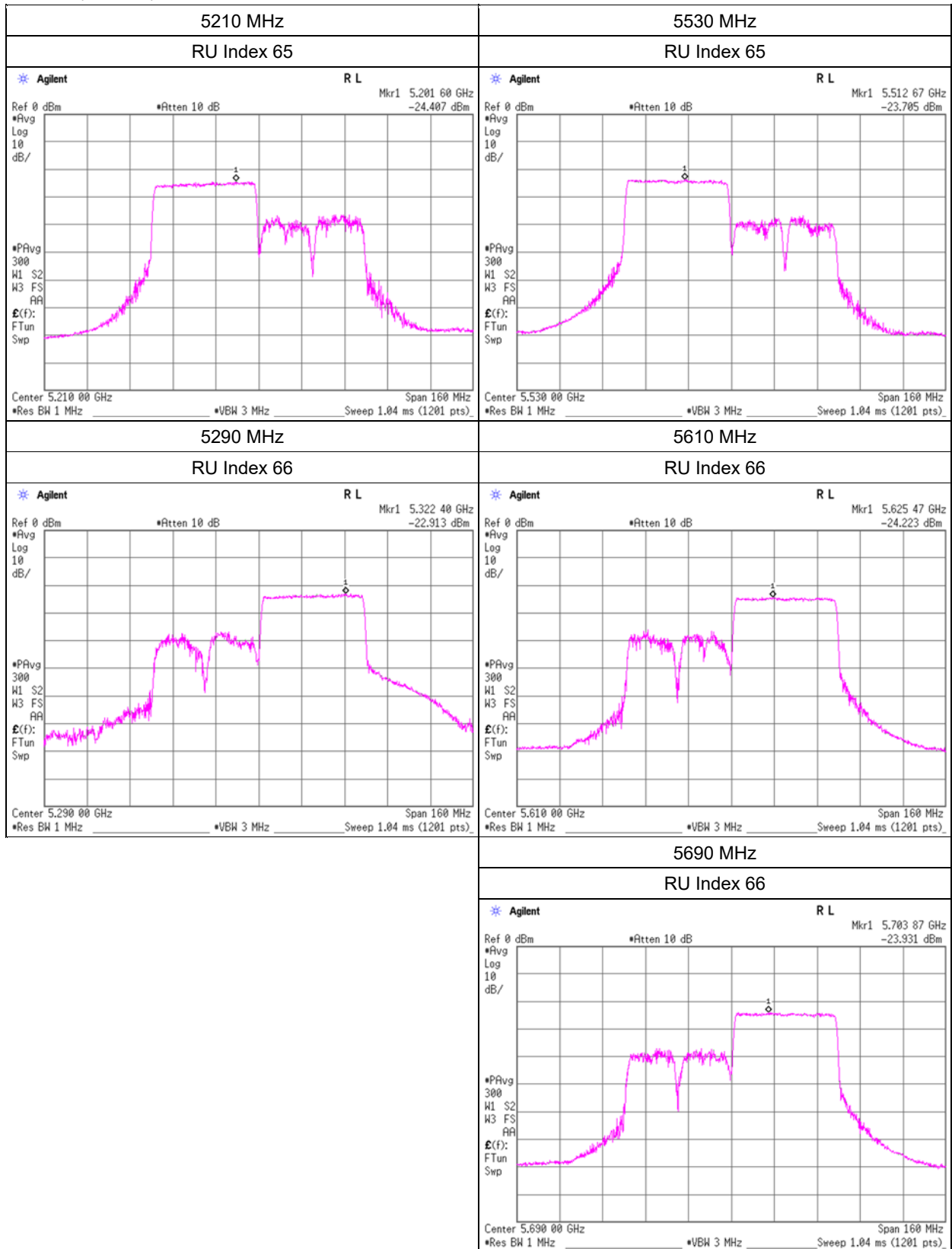
Maximum Power Spectral Density

11ax-80(OFDMA), 242-tone RU, ANT2



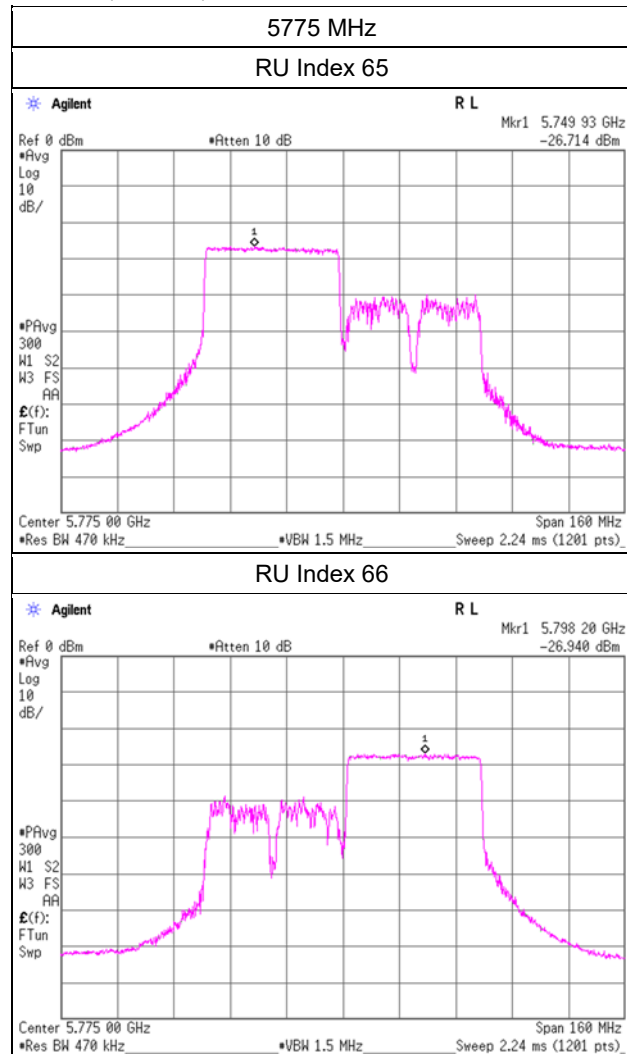
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, ANT1



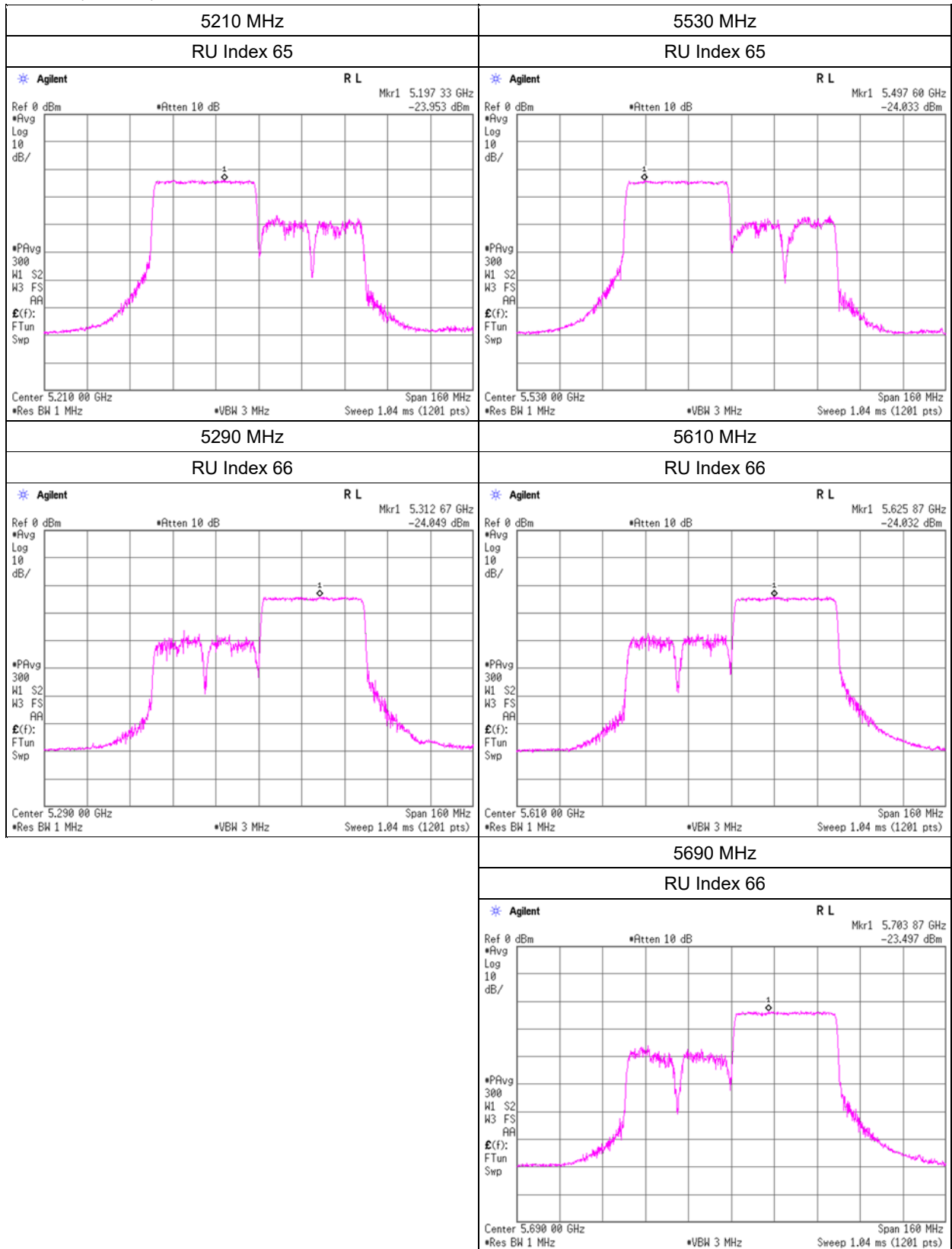
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, ANT1



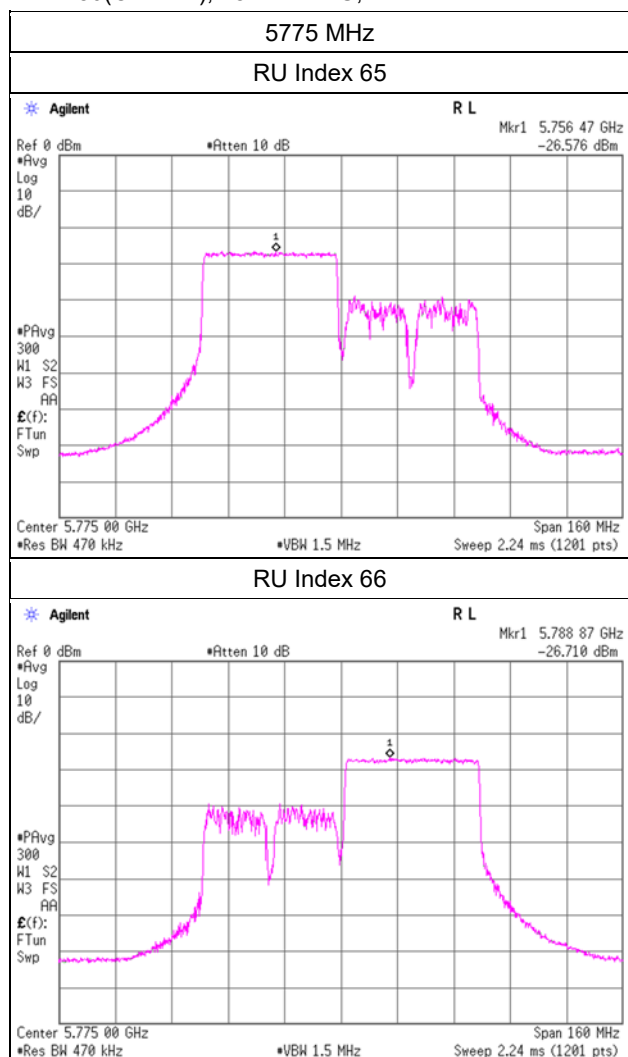
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, ANT2



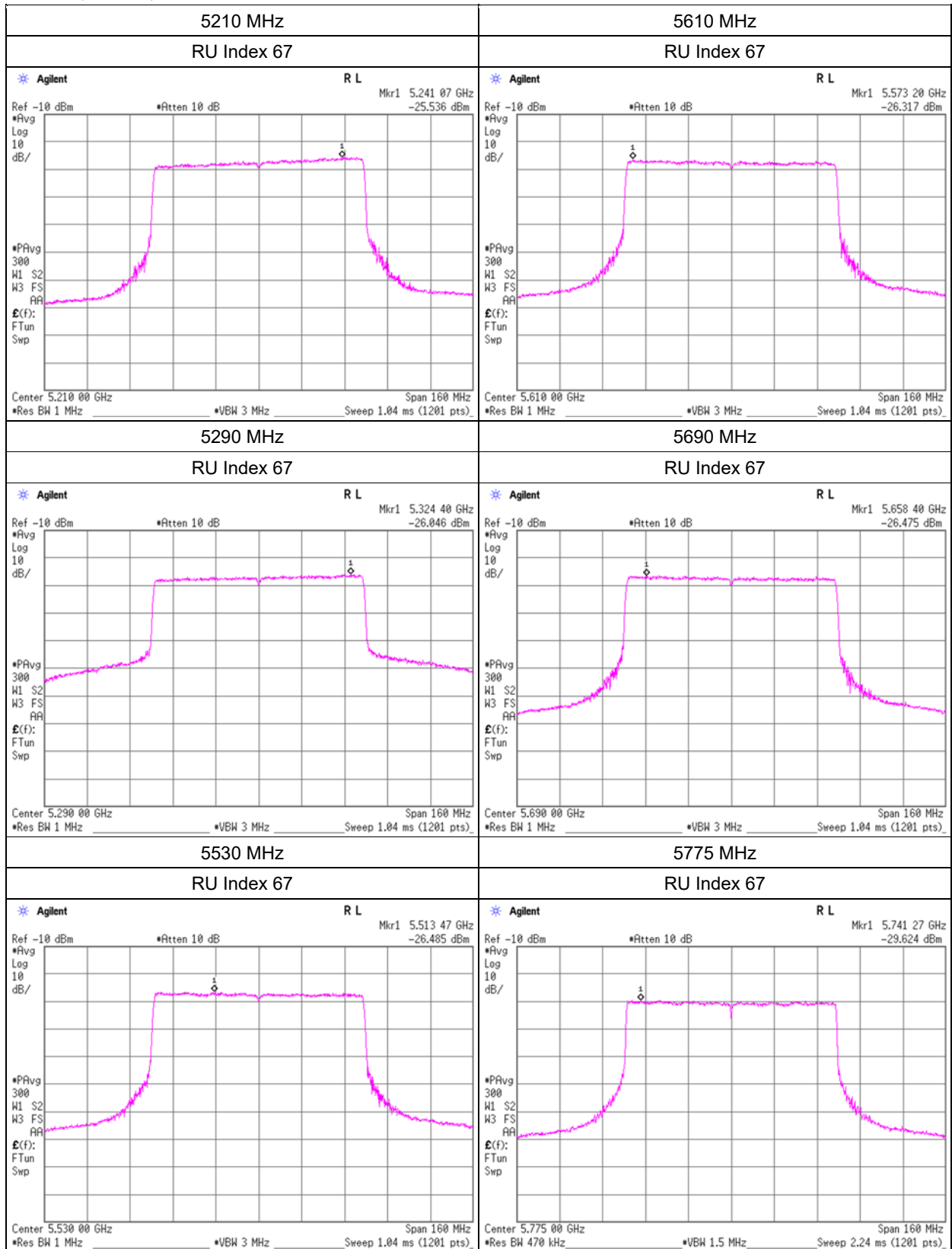
Maximum Power Spectral Density

11ax-80(OFDMA), 484-tone RU, ANT2



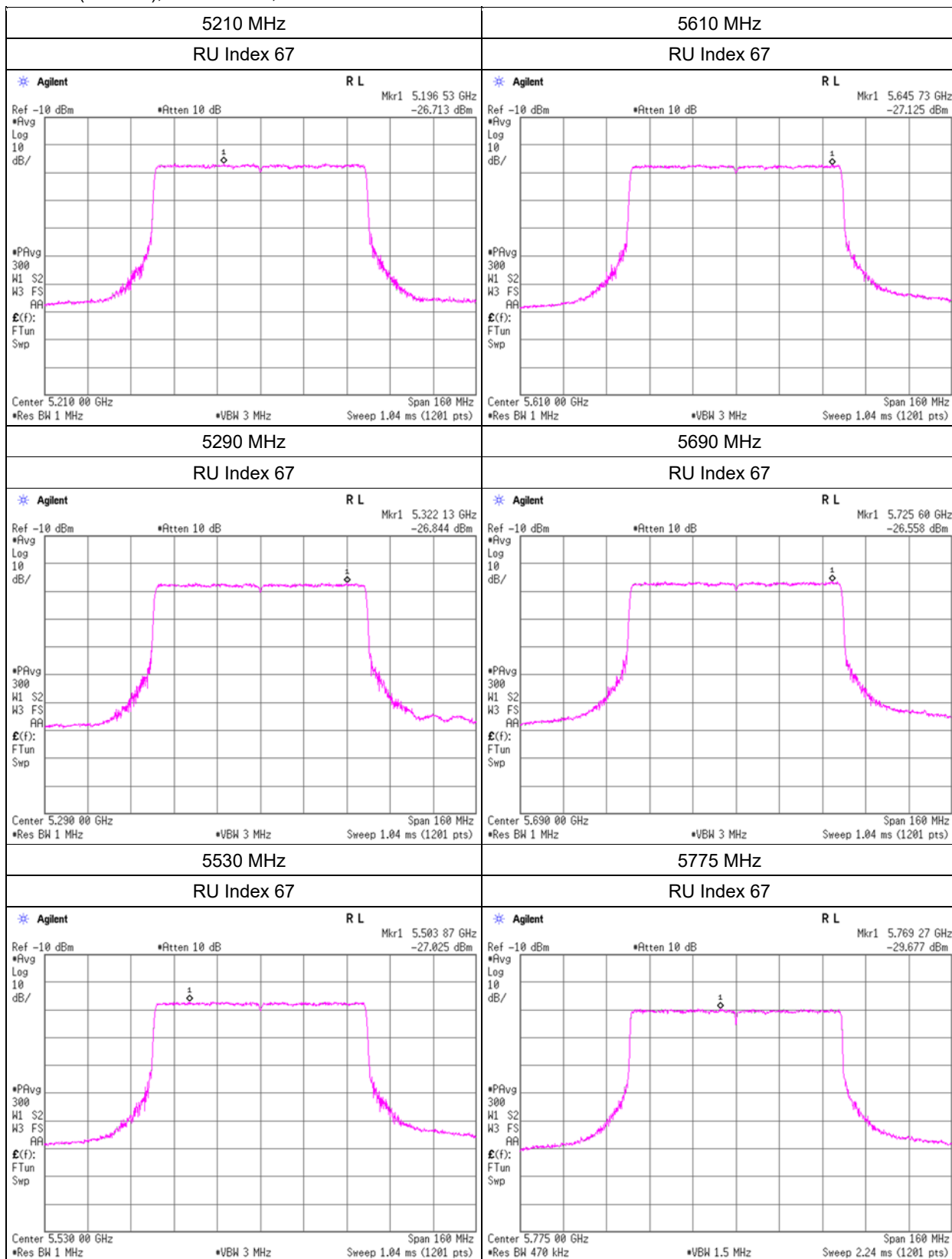
Maximum Power Spectral Density

11ax-80(OFDMA), 996-tone RU, ANT1



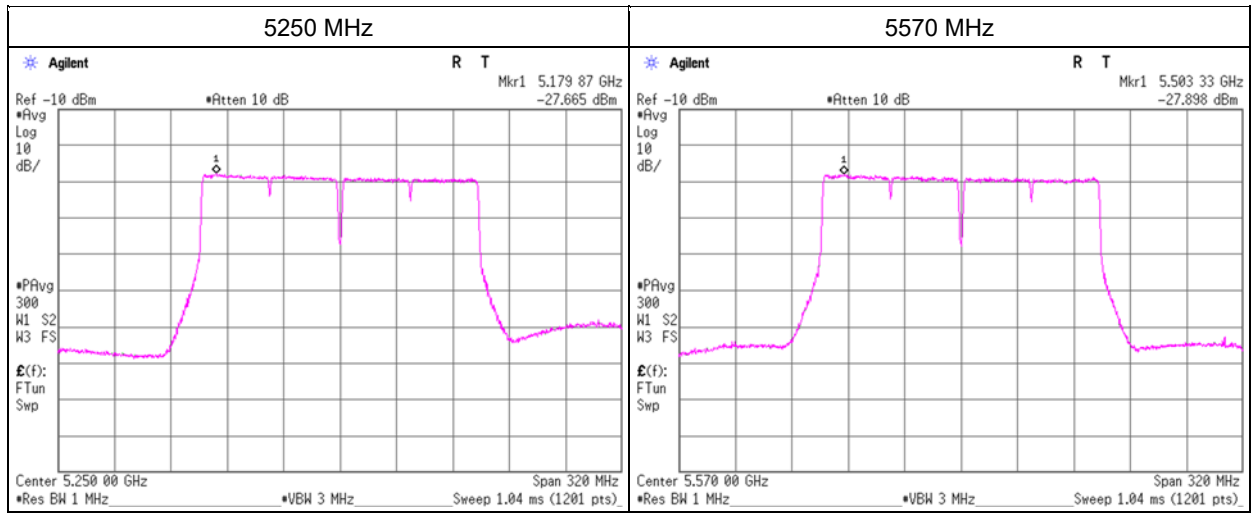
Maximum Power Spectral Density

11ax-80(OFDMA), 996-tone RU, ANT2



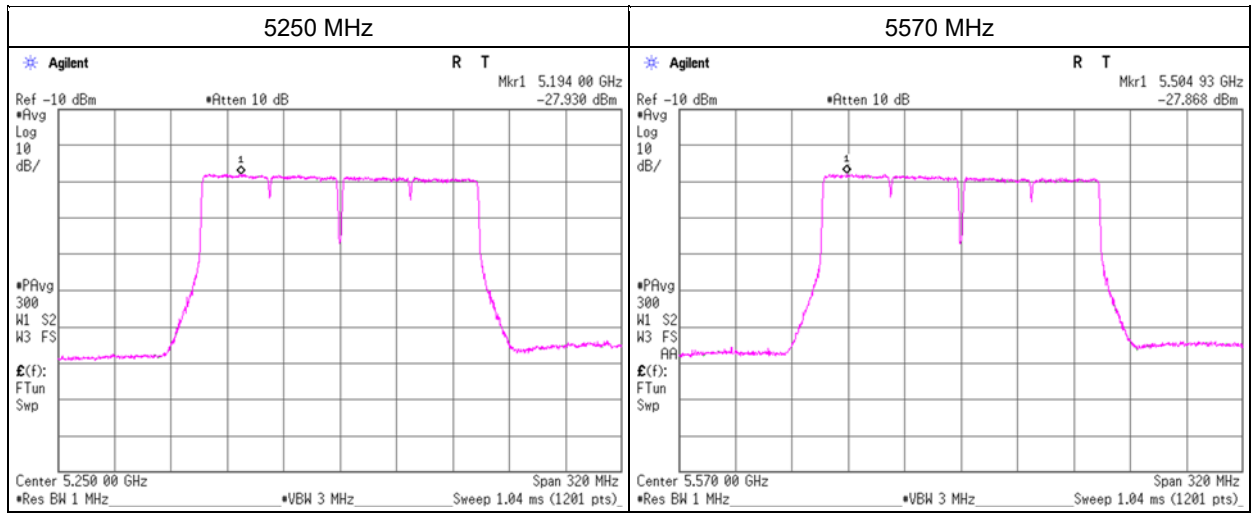
Maximum Power Spectral Density

11ac-160, ANT1



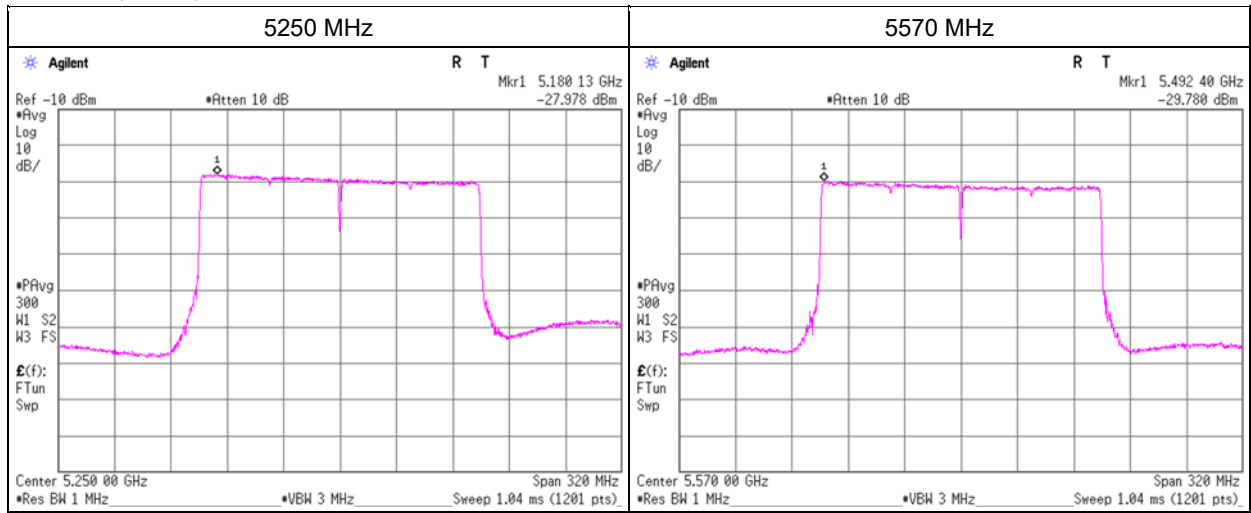
Maximum Power Spectral Density

11ac-160, ANT2



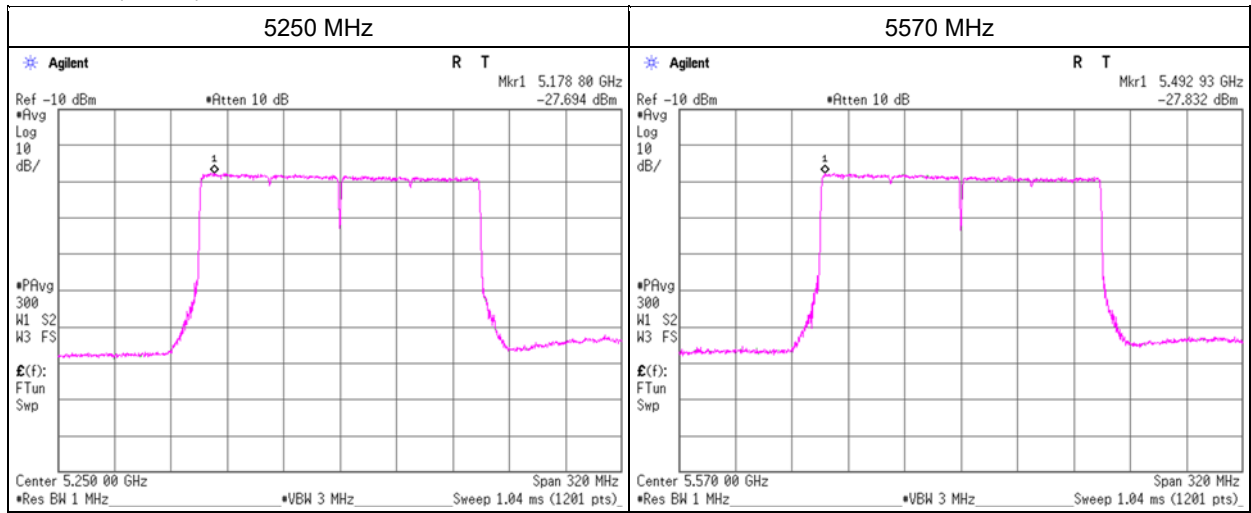
Maximum Power Spectral Density

11ax-160(OFDM), ANT1



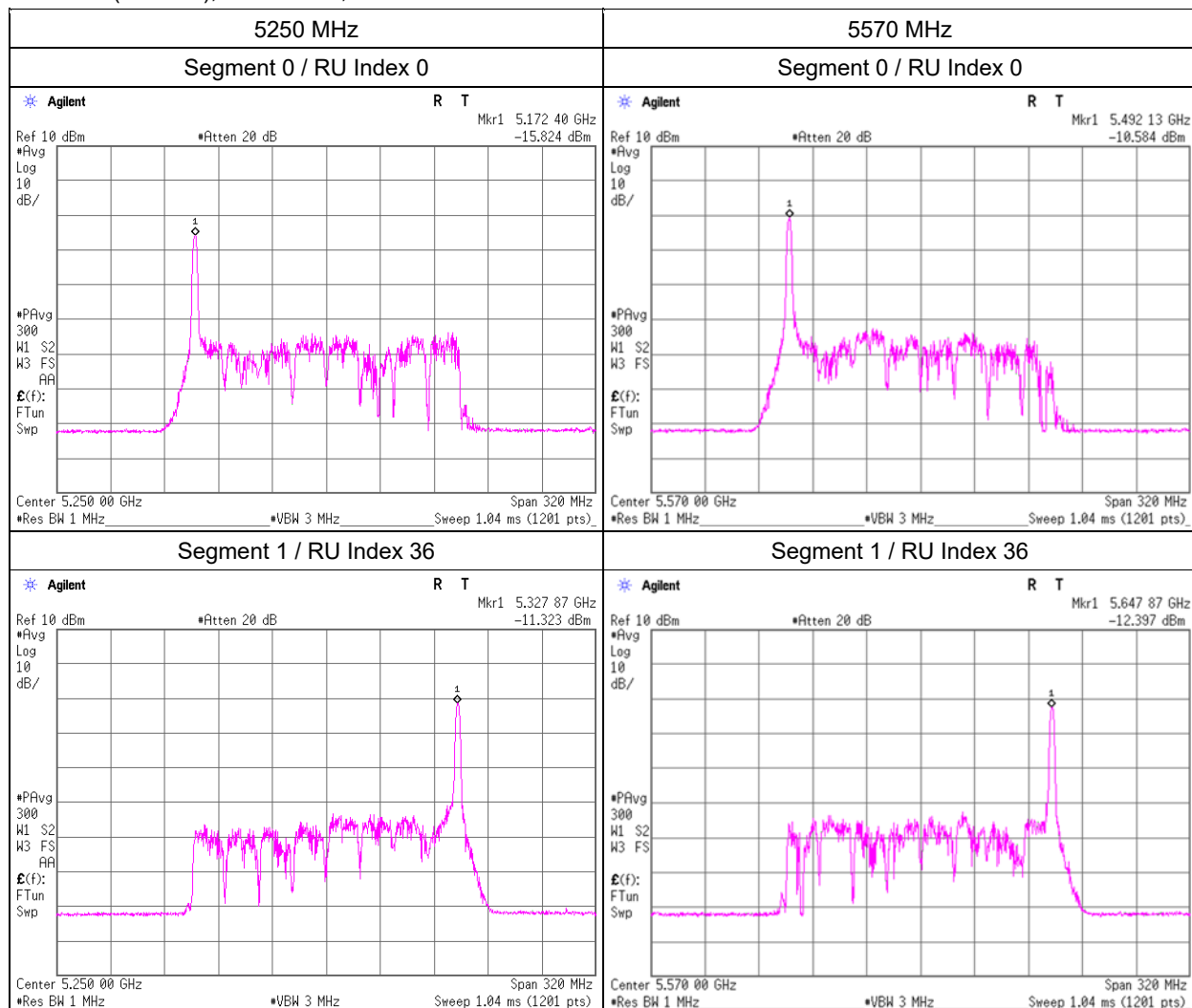
Maximum Power Spectral Density

11ax-160(OFDM), ANT2



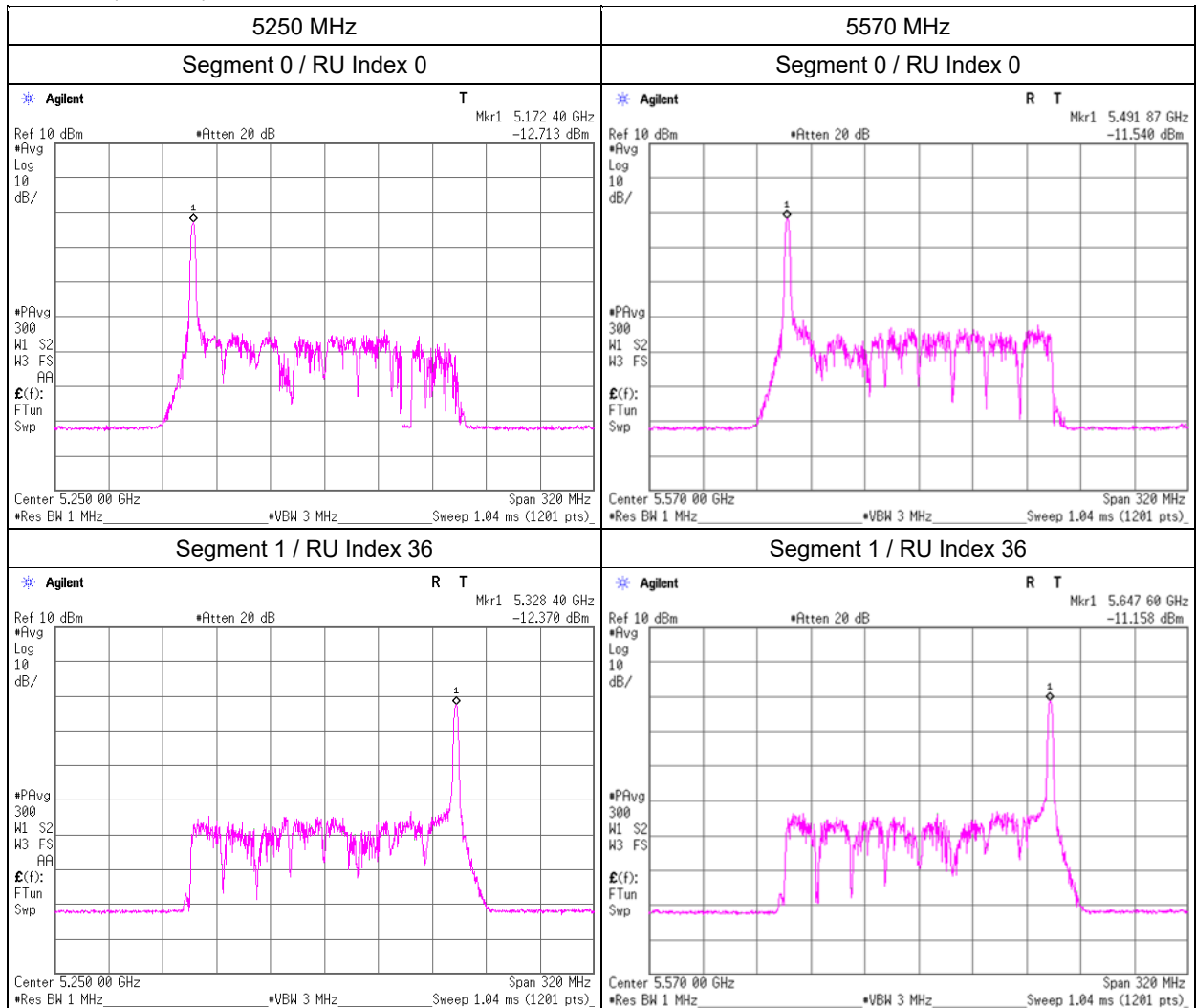
Maximum Power Spectral Density

11ax-160(OFDMA), 26-tone RU, ANT1



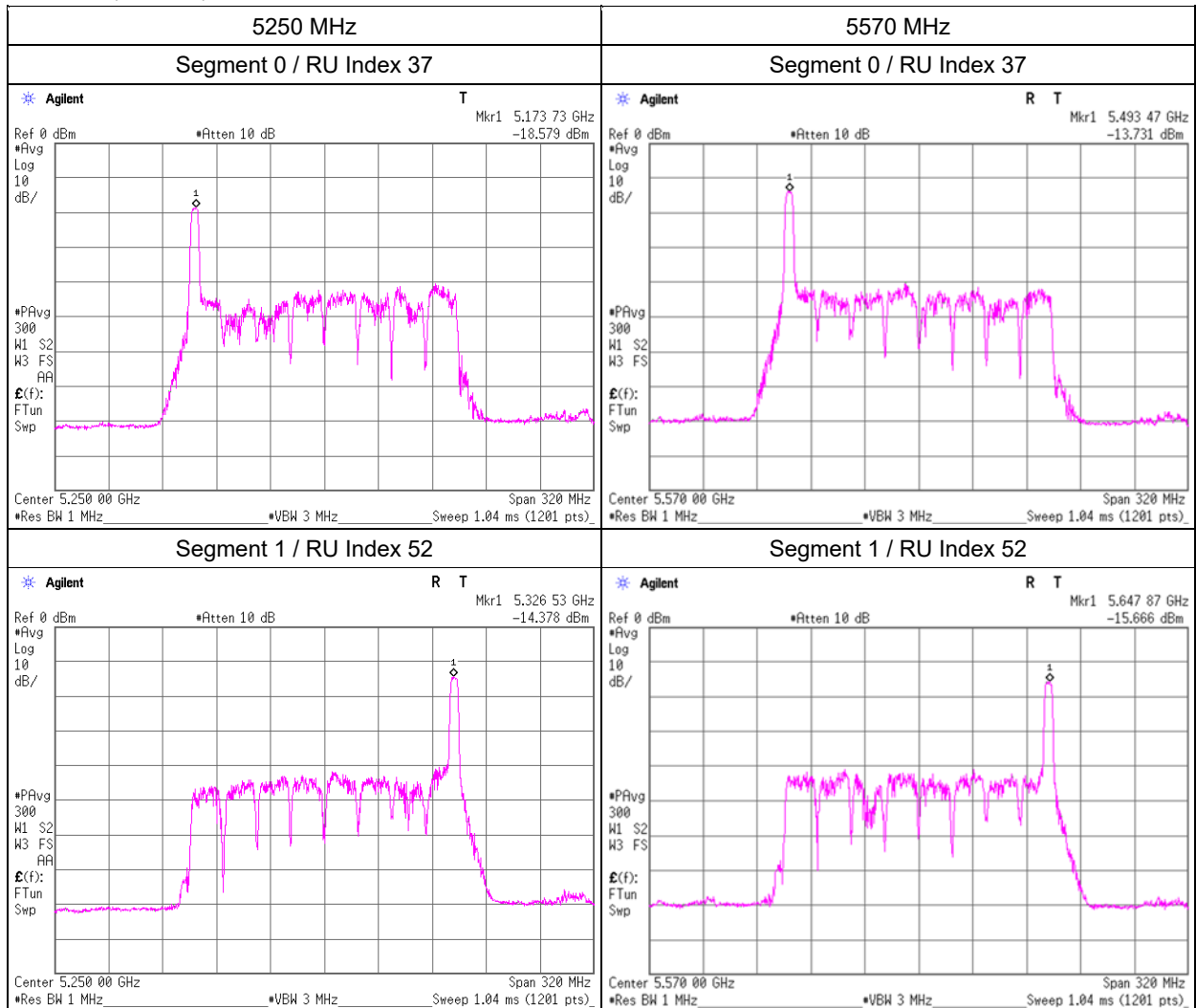
Maximum Power Spectral Density

11ax-160(OFDMA), 26-tone RU, ANT2



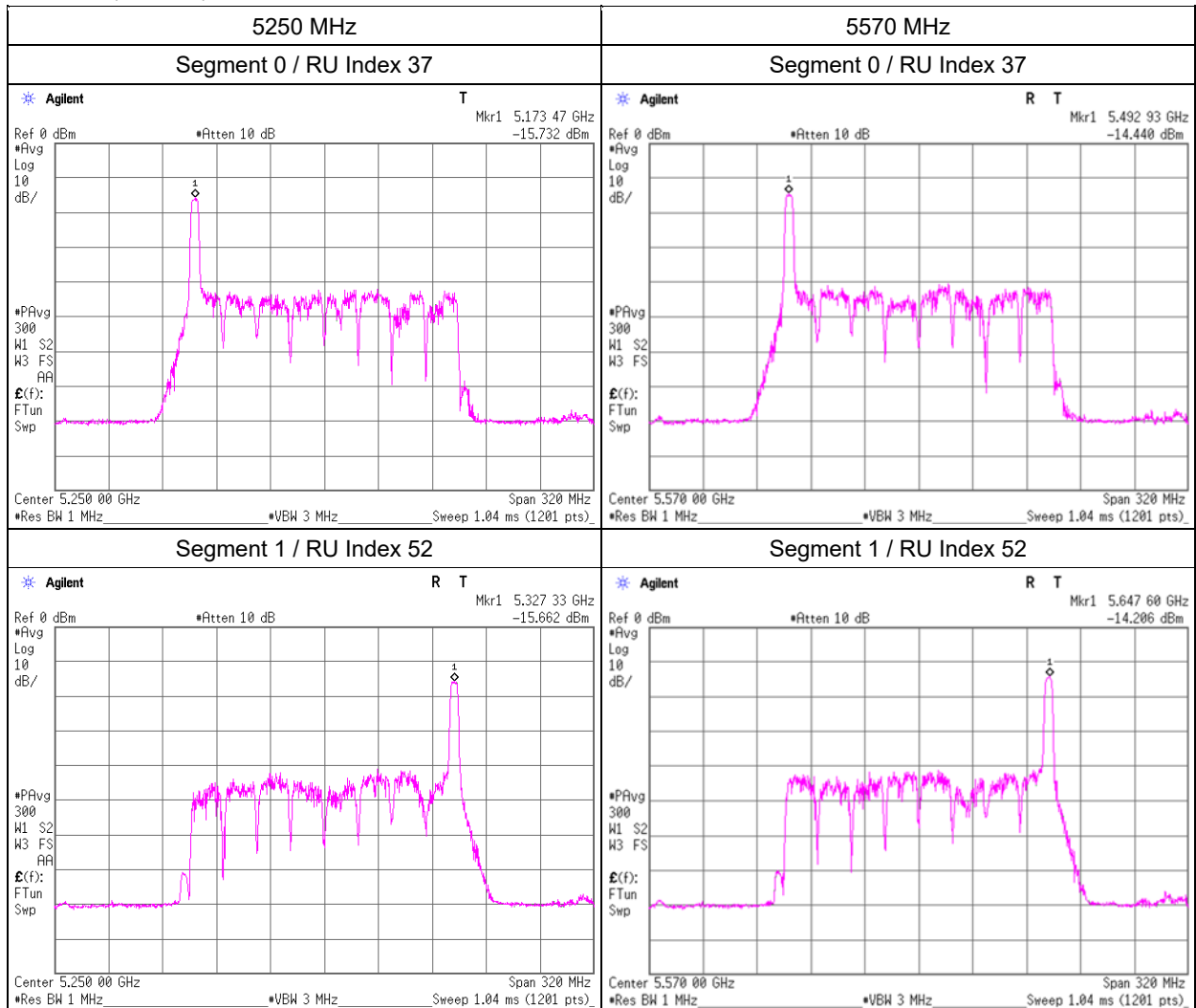
Maximum Power Spectral Density

11ax-160(OFDMA), 52-tone RU, ANT1



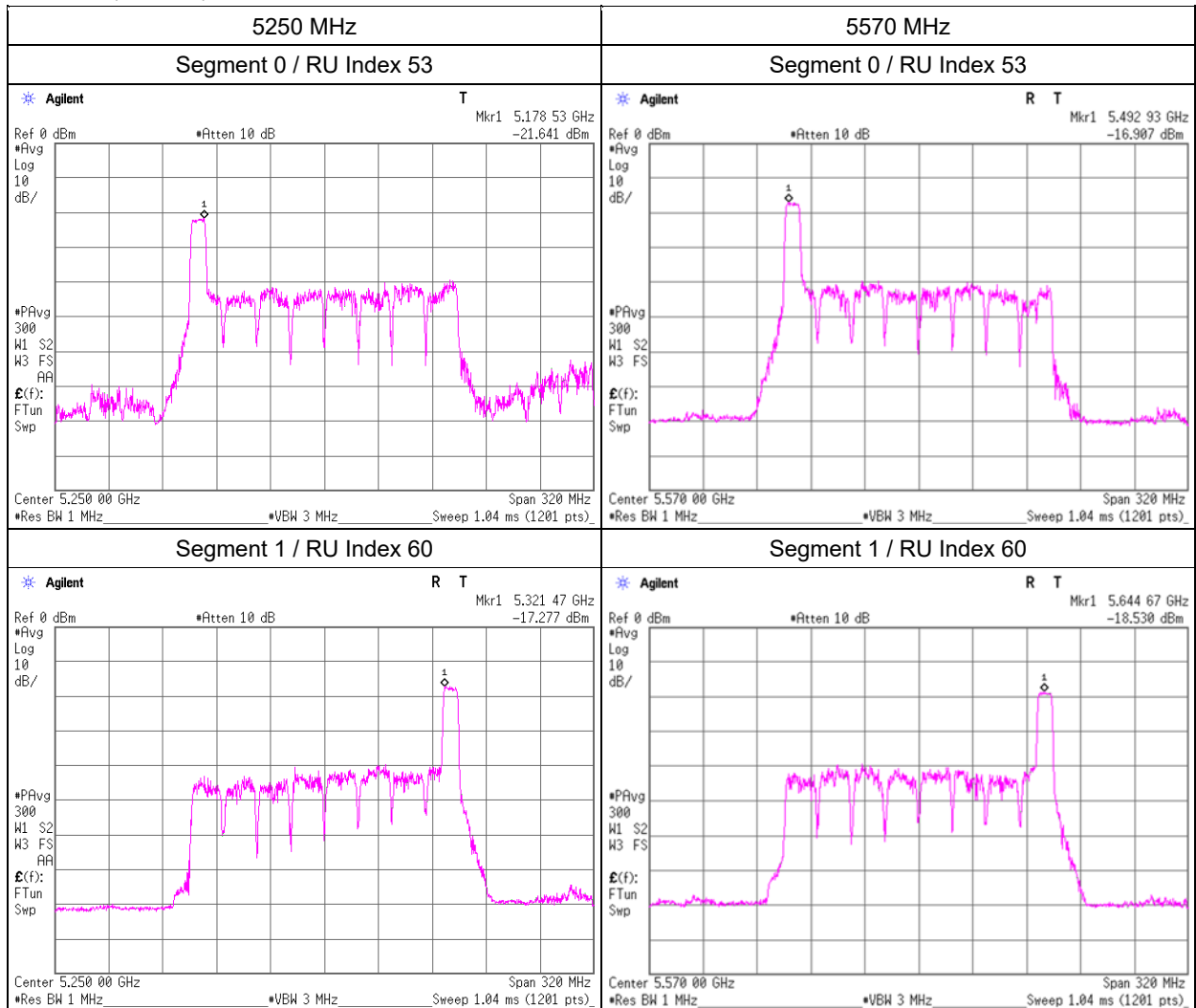
Maximum Power Spectral Density

11ax-160(OFDMA), 52-tone RU, ANT2



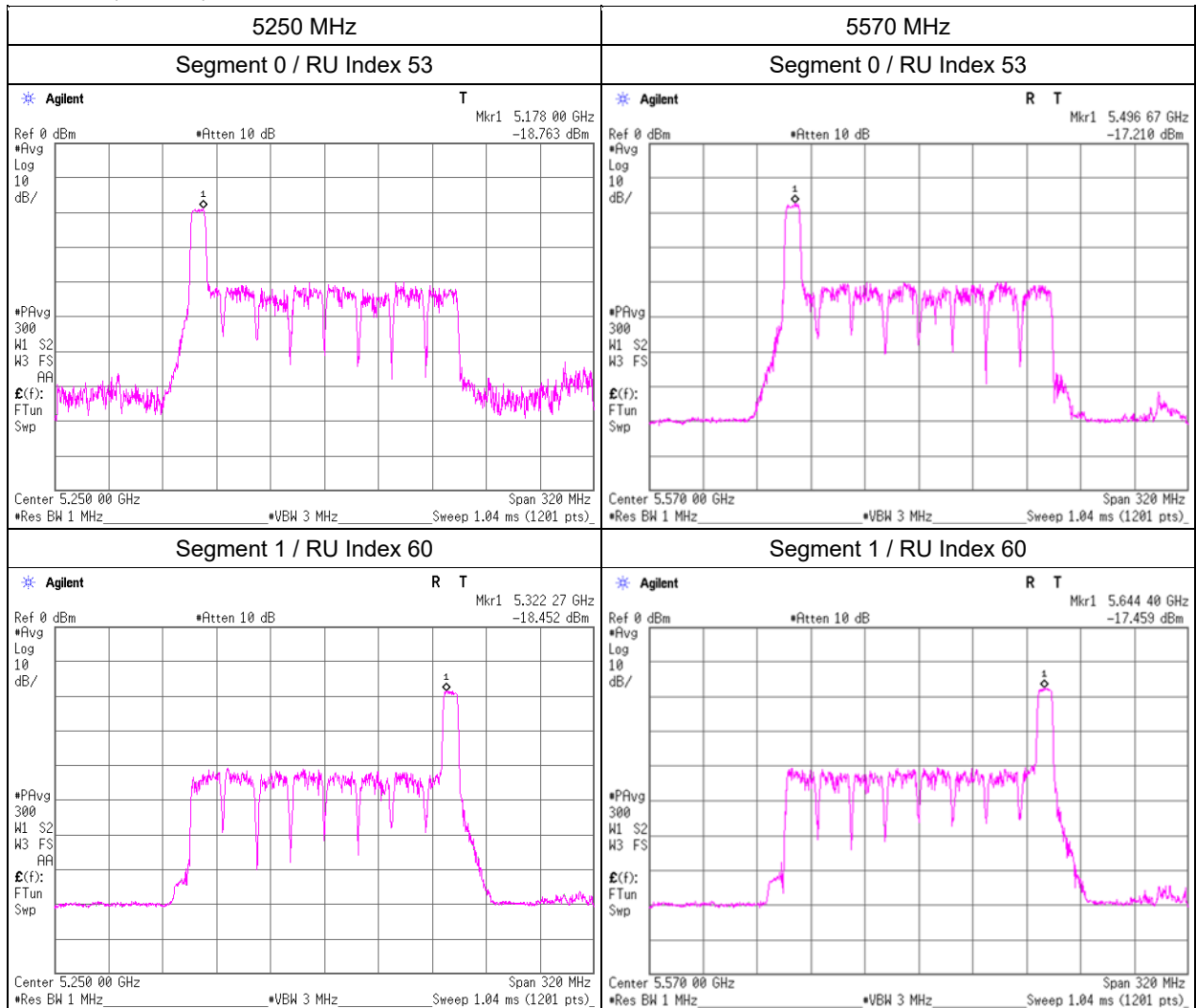
Maximum Power Spectral Density

11ax-160(OFDMA), 106-tone RU, ANT1



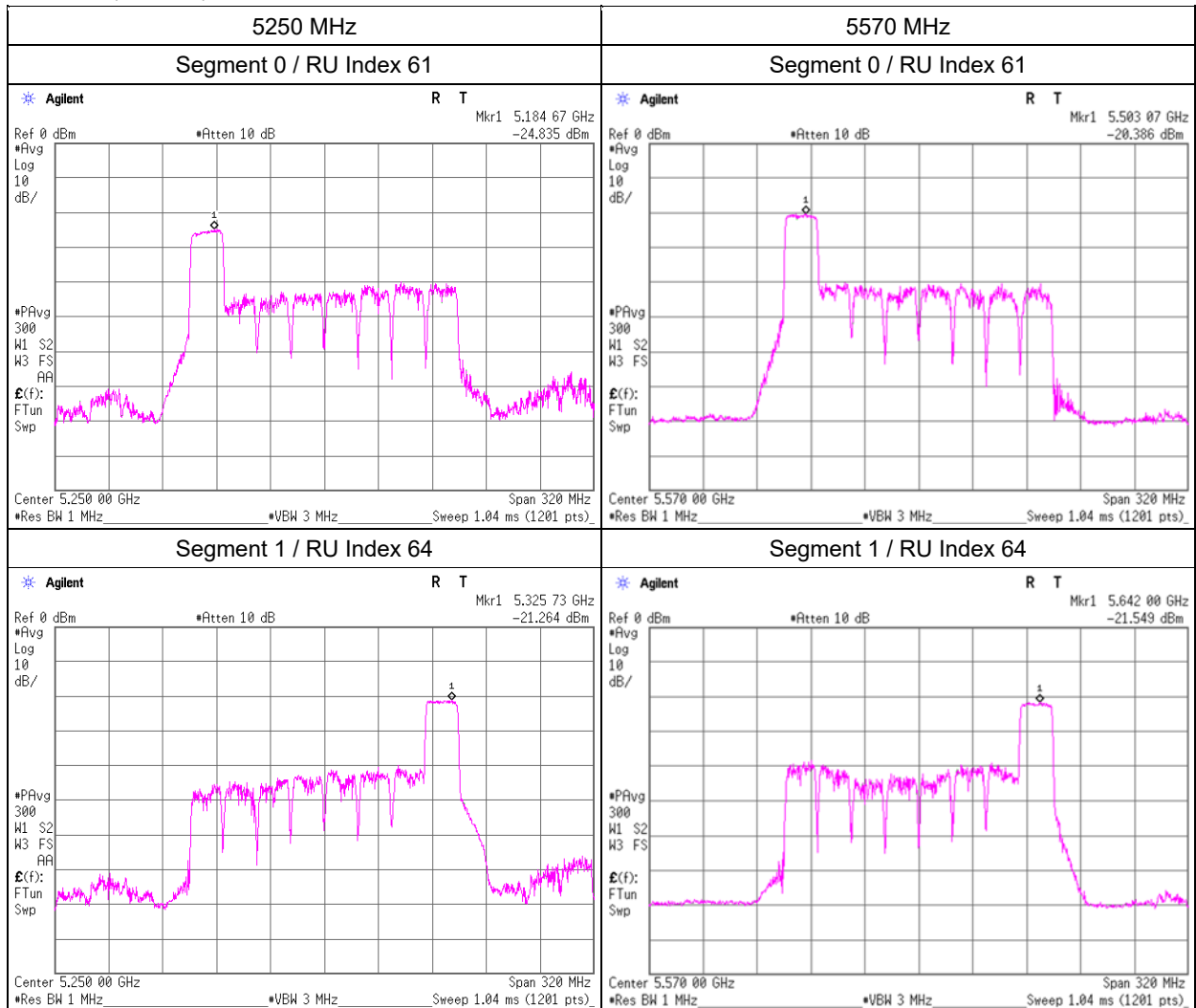
Maximum Power Spectral Density

11ax-160(OFDMA), 106-tone RU, ANT2



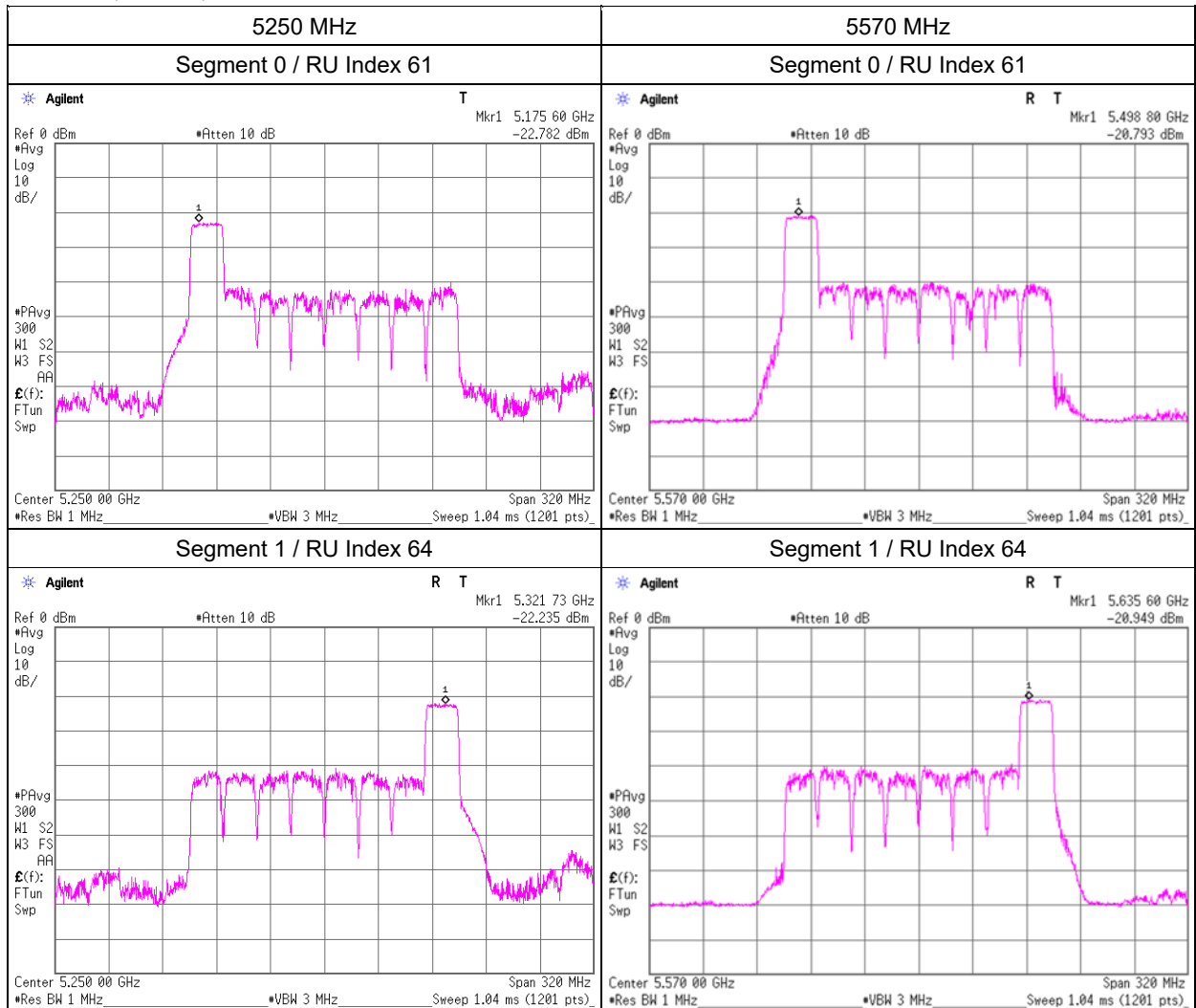
Maximum Power Spectral Density

11ax-160(OFDMA), 242-tone RU, ANT1



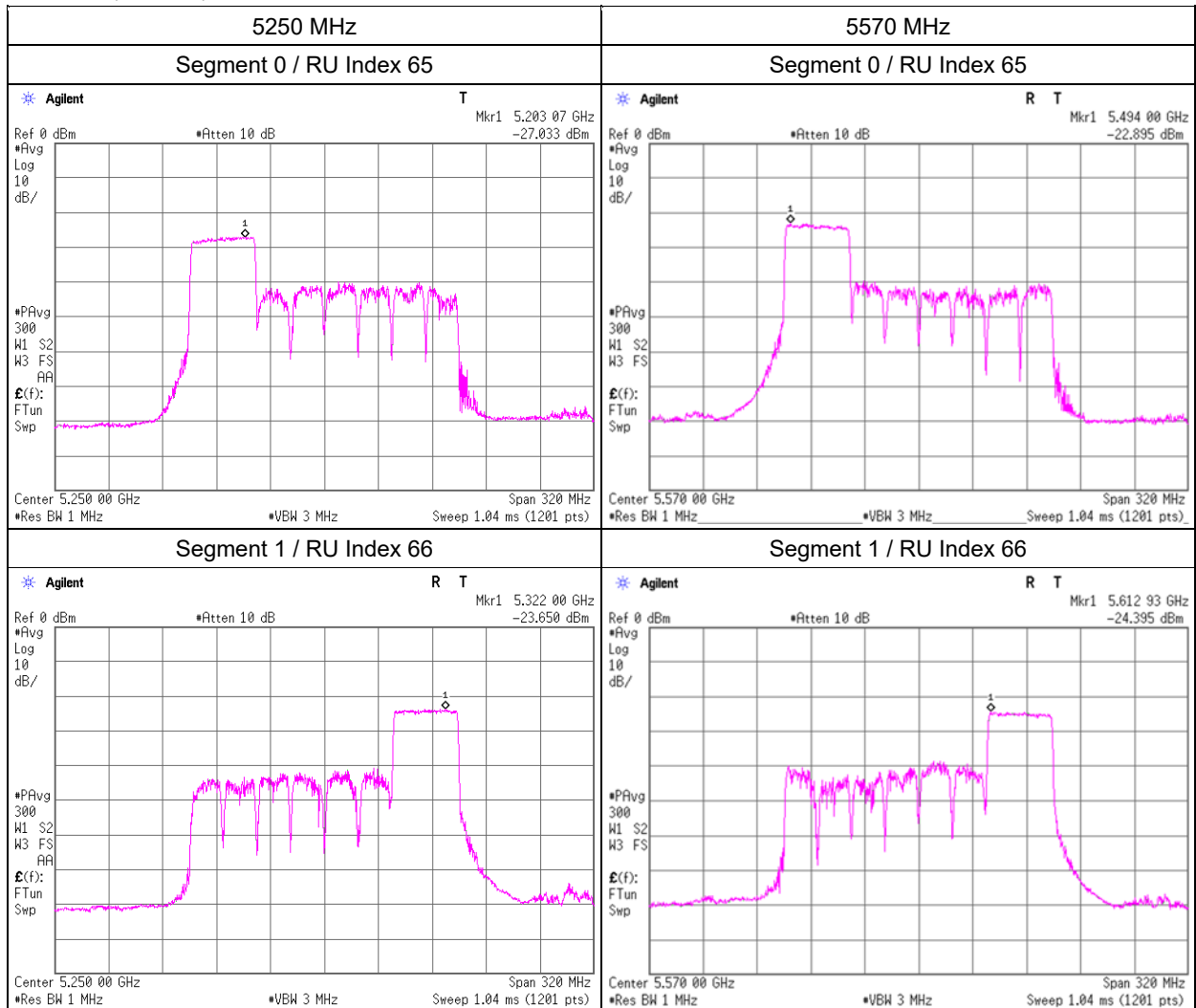
Maximum Power Spectral Density

11ax-160(OFDMA), 242-tone RU, ANT2



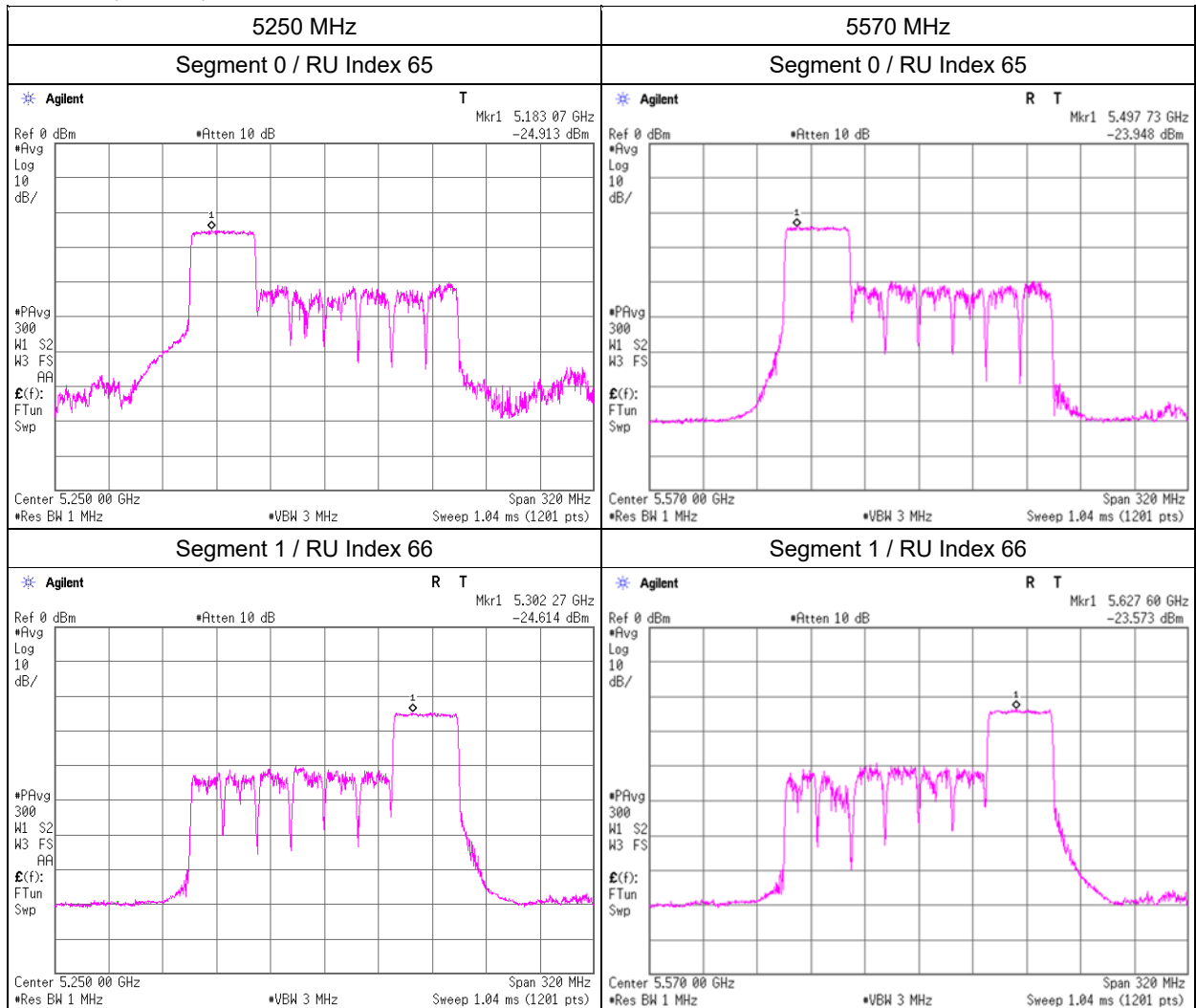
Maximum Power Spectral Density

11ax-160(OFDMA), 484-tone RU, ANT1



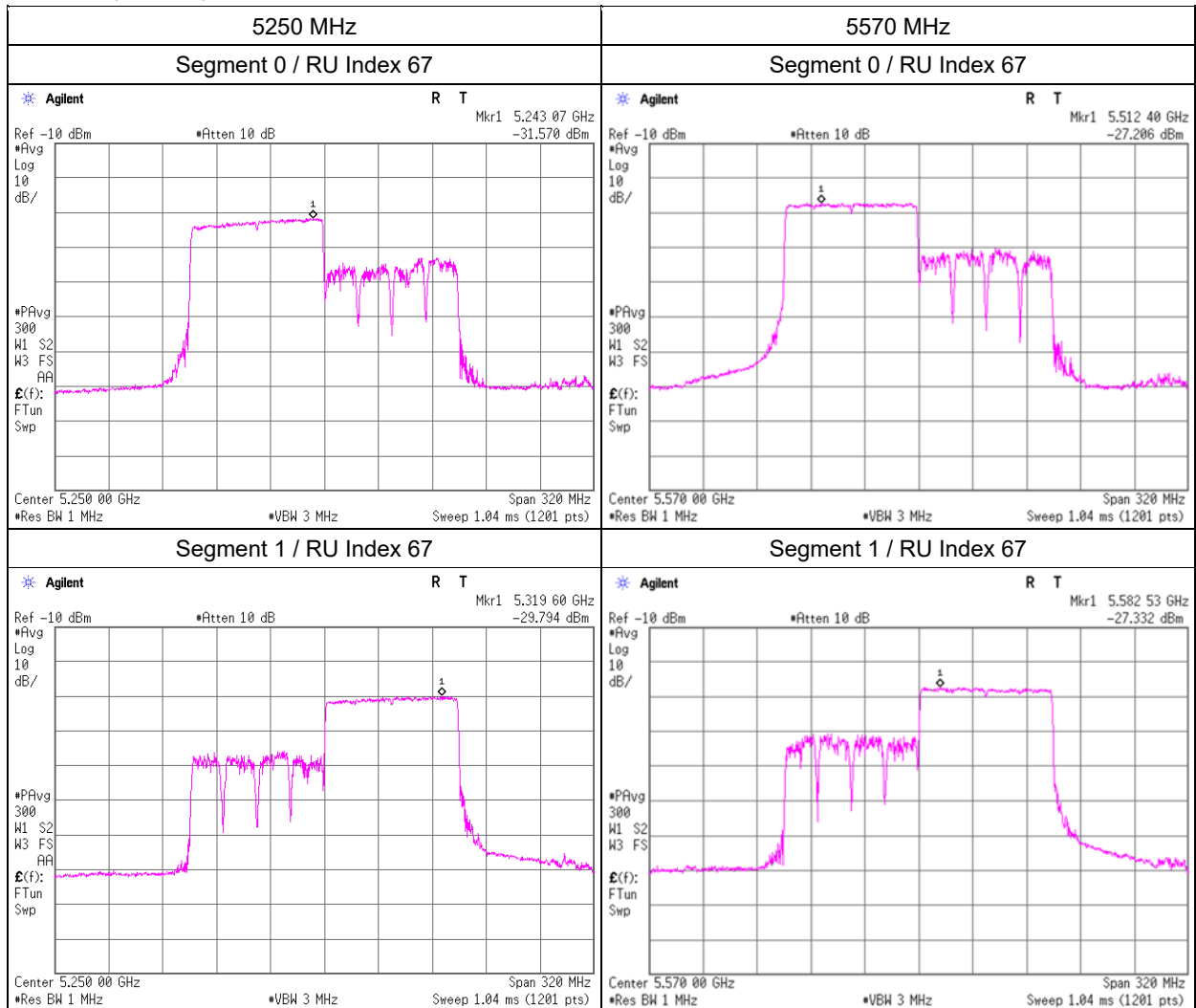
Maximum Power Spectral Density

11ax-160(OFDMA), 484-tone RU, ANT2



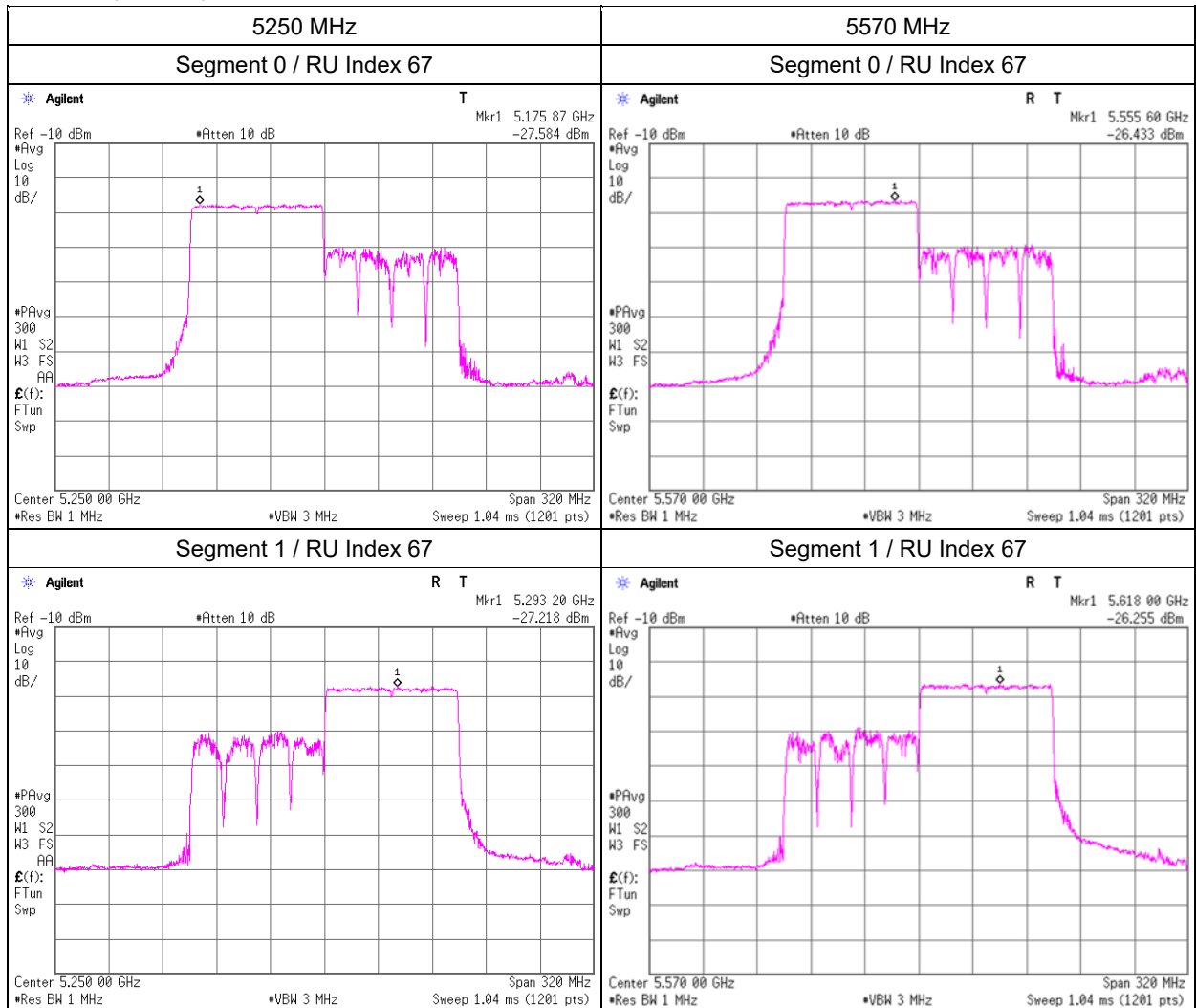
Maximum Power Spectral Density

11ax-160(OFDMA), 996-tone RU, ANT1



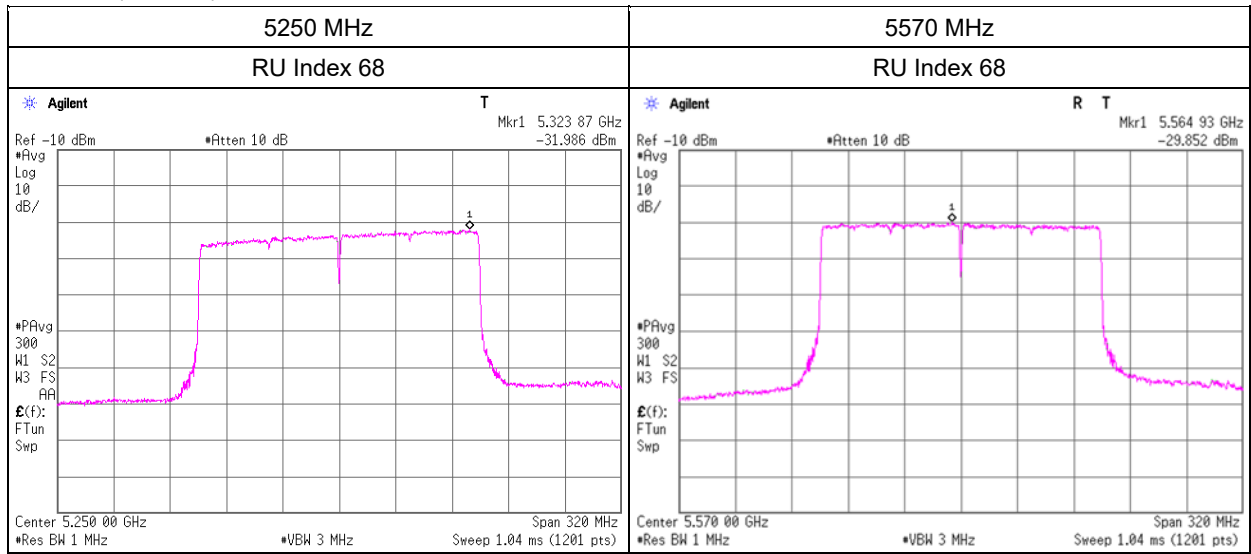
Maximum Power Spectral Density

11ax-160(OFDMA), 996-tone RU, ANT2



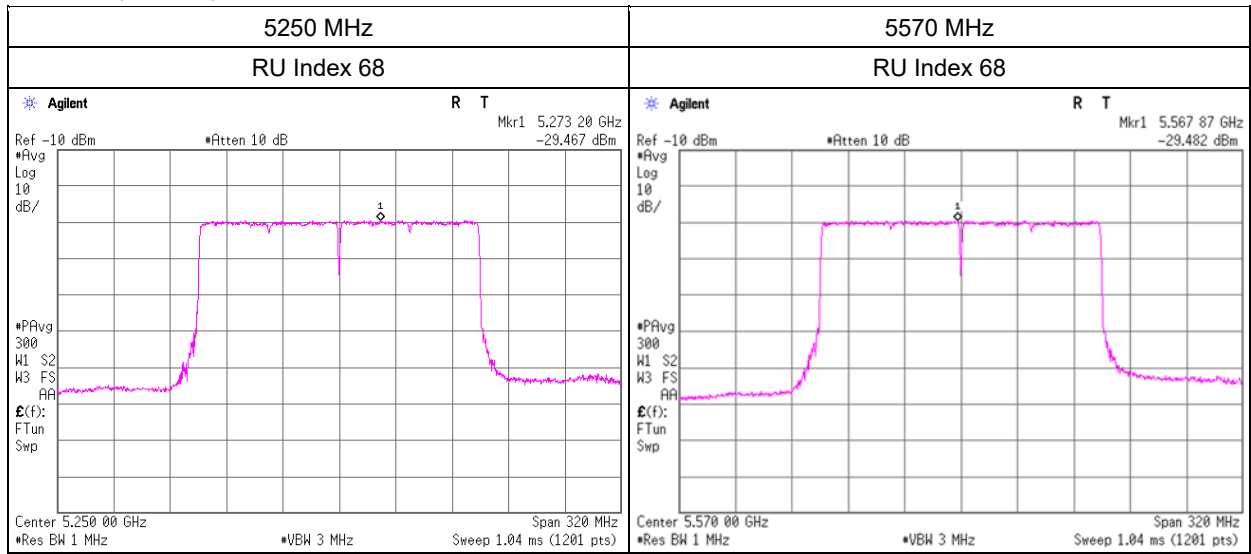
Maximum Power Spectral Density

11ax-160(OFDMA), 2x996-tone RU, ANT1



Maximum Power Spectral Density

11ax-160(OFDMA), 2x996-tone RU, ANT2



Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5180 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	47.81	32.12	-27.36	-	2.22	54.79	73.9	19.1	398	7	-
Hori.	15540.000	PK	47.18	39.31	-31.24	-	-9.54	45.71	73.9	28.1	150	0	Floor Noise
Hori.	20720.000	PK	45.48	40.12	12.67	47.00	-9.54	41.73	73.9	32.1	209	248	-
Hori.	15540.000	AV	36.36	39.31	-31.24	-	-9.54	34.89	53.9	19.0	150	0	Floor Noise
Vert.	5150.000	PK	48.52	32.12	-27.36	-	2.22	55.50	73.9	18.4	180	350	-
Vert.	15540.000	PK	46.84	39.31	-31.24	-	-9.54	45.37	73.9	28.5	150	0	Floor Noise
Vert.	20720.000	PK	44.79	40.12	12.67	47.00	-9.54	41.04	73.9	32.8	211	12	-
Vert.	15540.000	AV	36.27	39.31	-31.24	-	-9.54	34.80	53.9	19.1	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.86	32.12	-27.36	-	0.11	2.22	43.95	53.9	9.9 *1)	-
Hori.	20720.000	AV	39.64	40.12	12.67	47.00	0.11	-9.54	36.00	53.9	17.9	-
Vert.	5150.000	AV	36.78	32.12	-27.36	-	0.11	2.22	43.87	53.9	10.0 *1)	-
Vert.	20720.000	AV	37.93	40.12	12.67	47.00	0.11	-9.54	34.29	53.9	19.6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	6906.667	PK	48.30	35.86	-35.04	-	-	2.22	51.34	-43.89	-27.0	16.8	396	334	-
Hori.	10360.000	PK	46.87	36.02	-33.30	-	-	-9.54	40.05	-55.18	-27.0	28.1	150	0	Floor Noise
Vert.	6906.667	PK	50.21	35.86	-35.04	-	-	2.22	53.25	-41.98	-27.0	14.9	334	17	-
Vert.	10360.000	PK	47.47	36.02	-33.30	-	-	-9.54	40.65	-54.58	-27.0	27.5	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m]/20)} * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{(-3)})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$