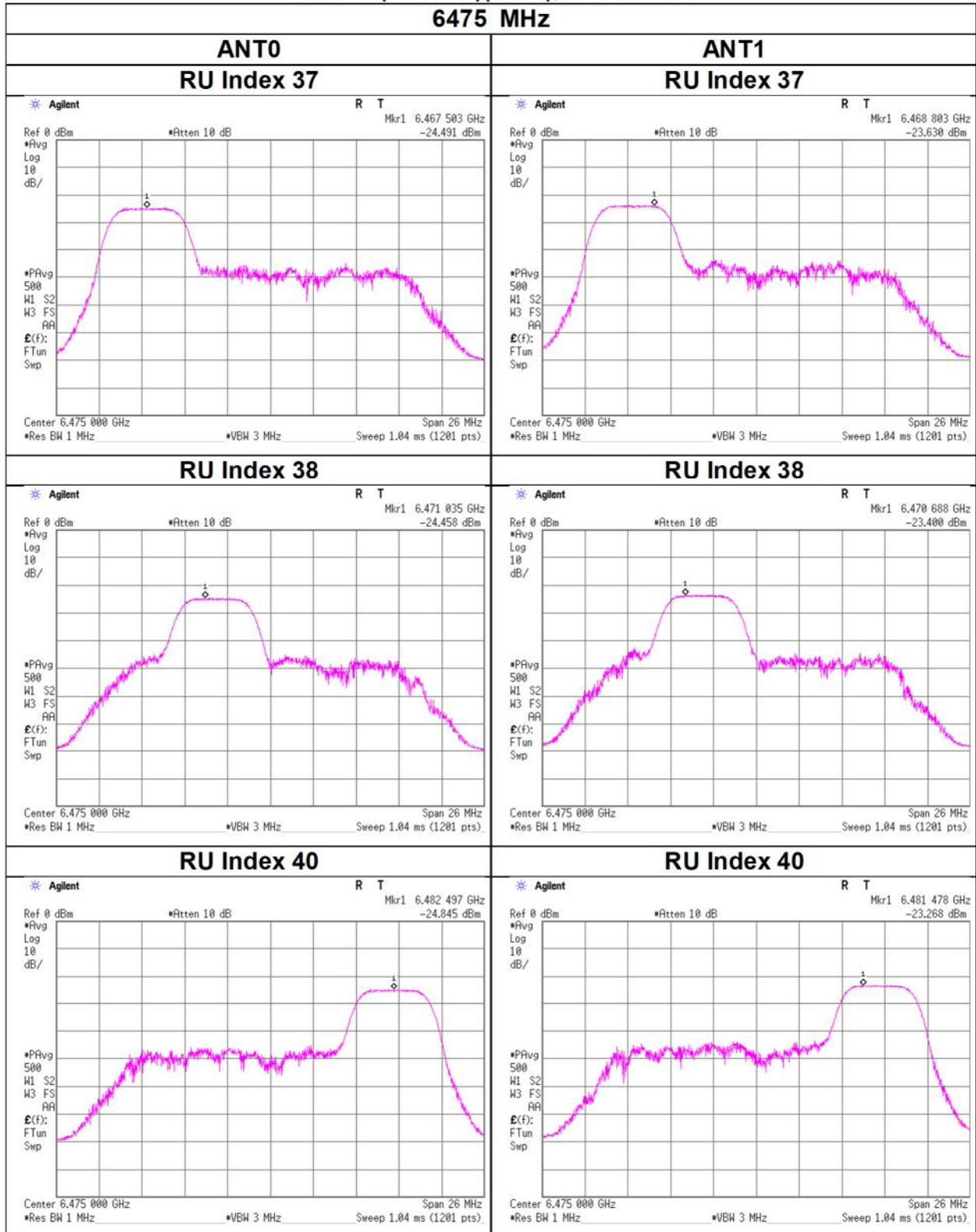


Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

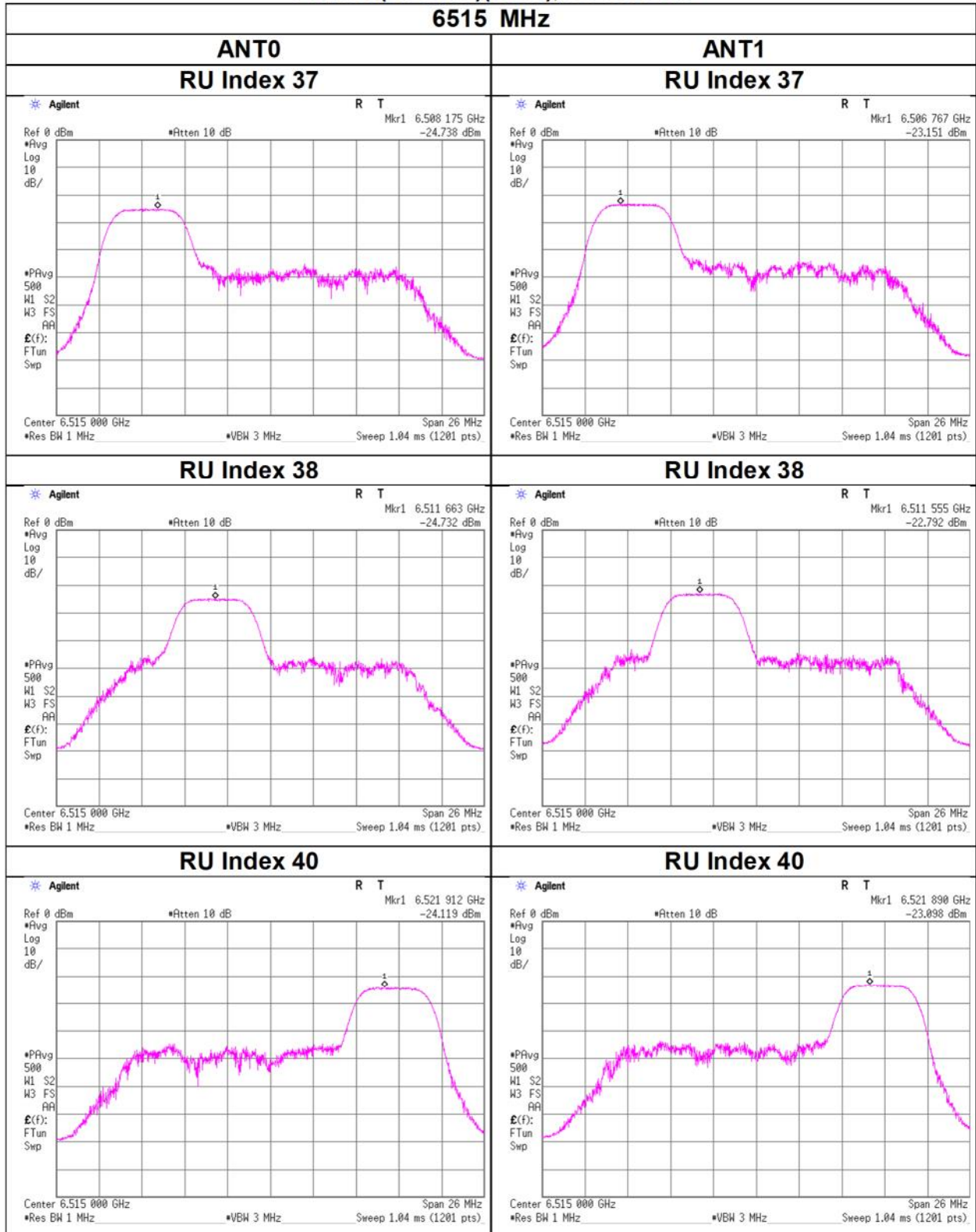
6475 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

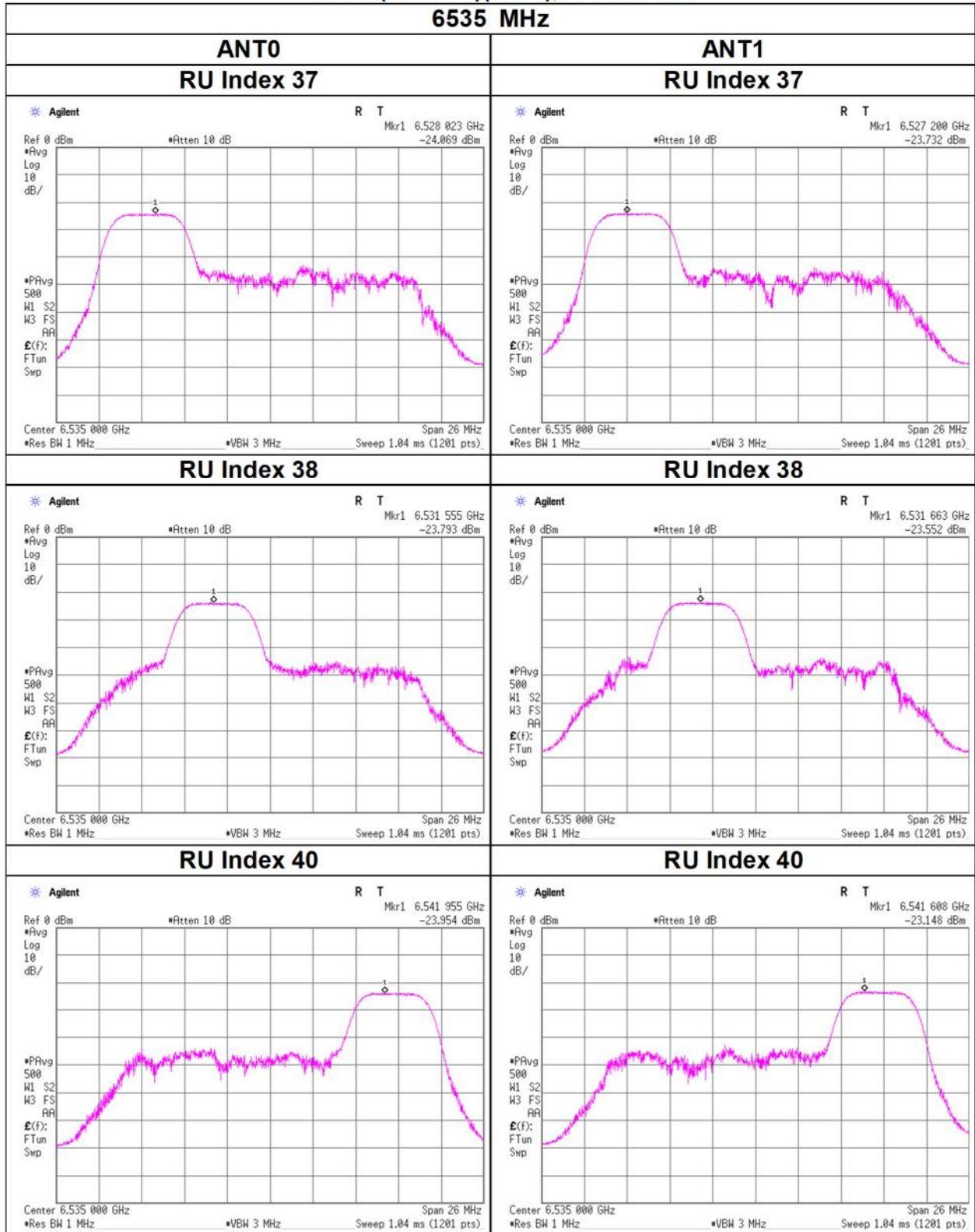
6515 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

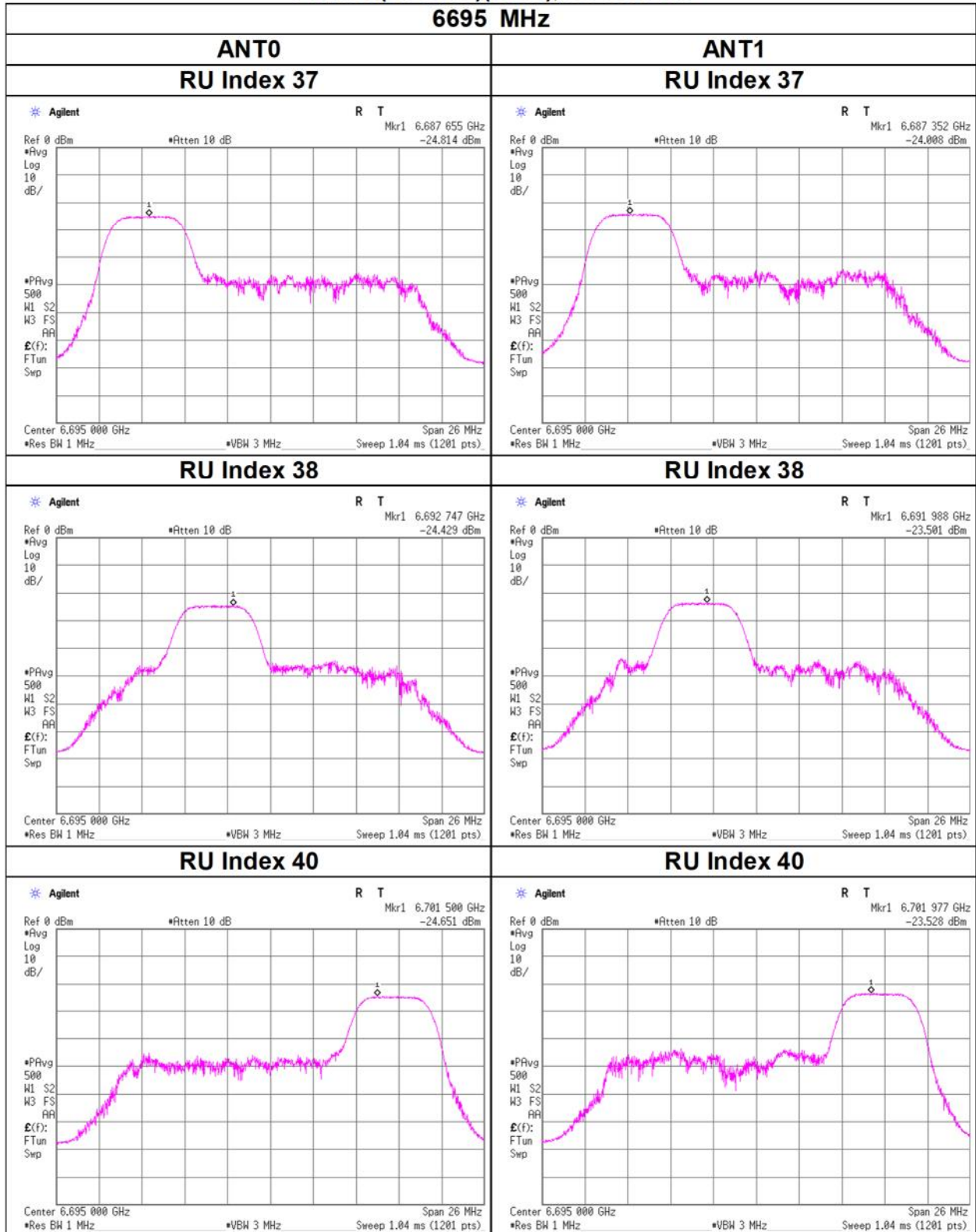
6535 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

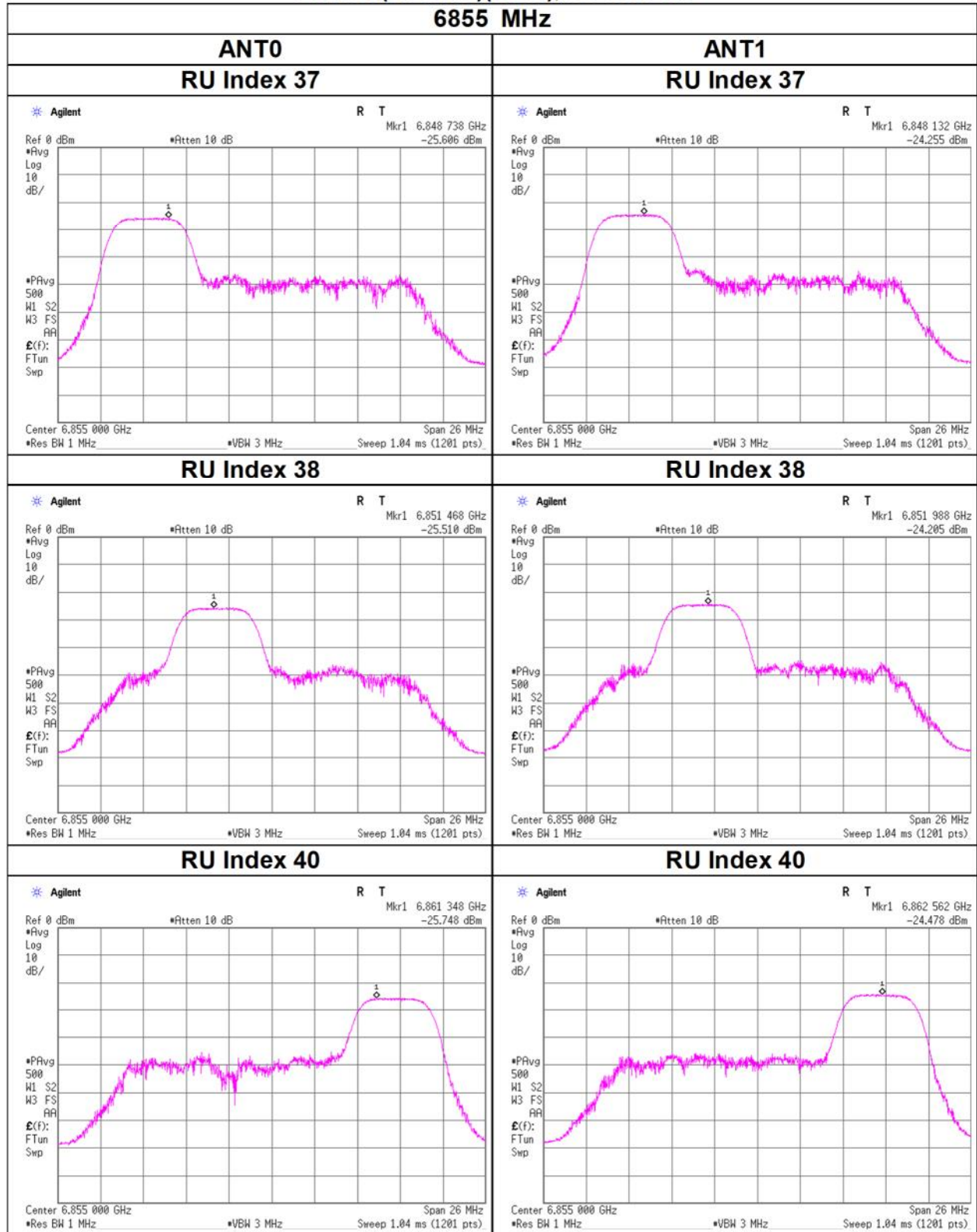
6695 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

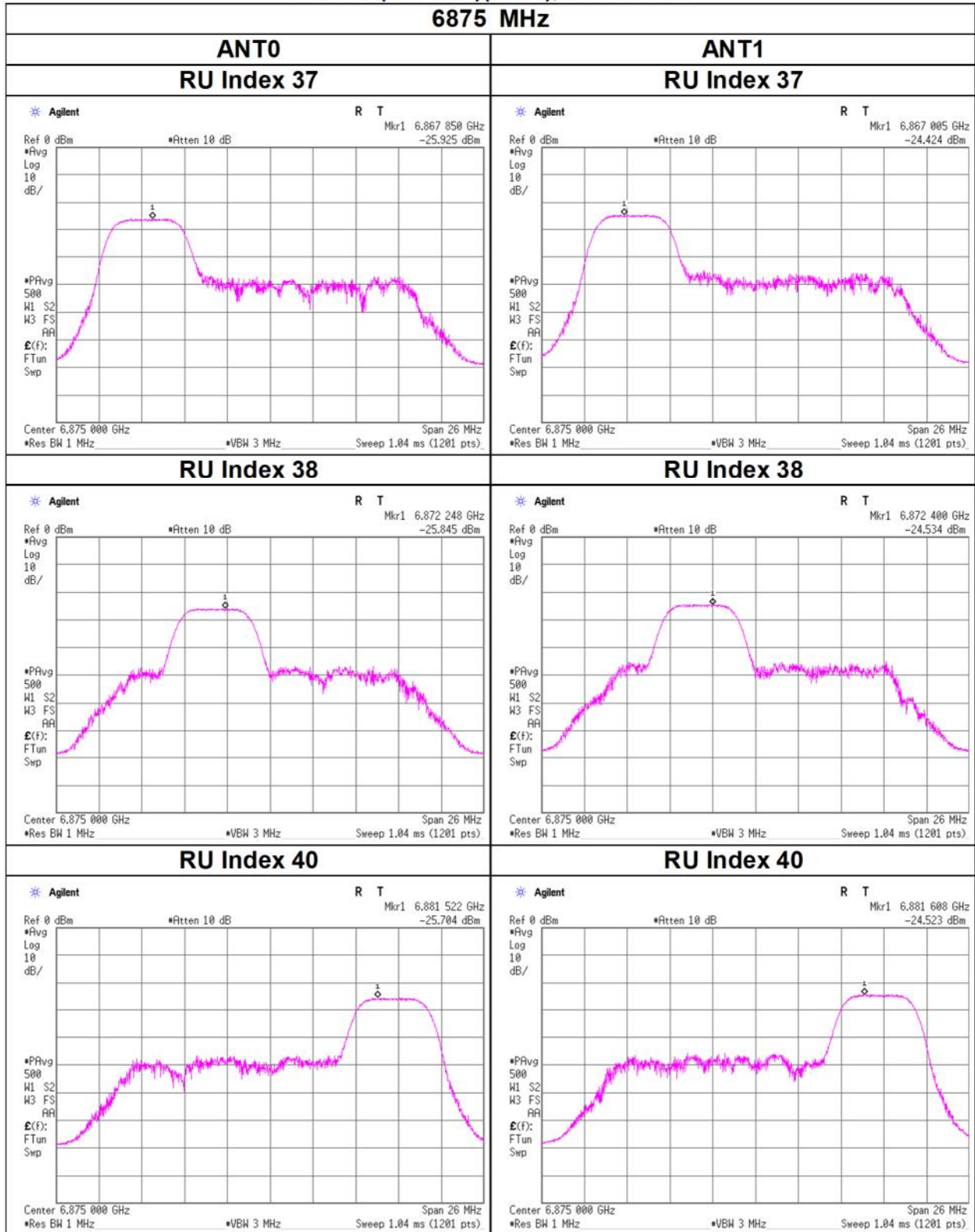
6855 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

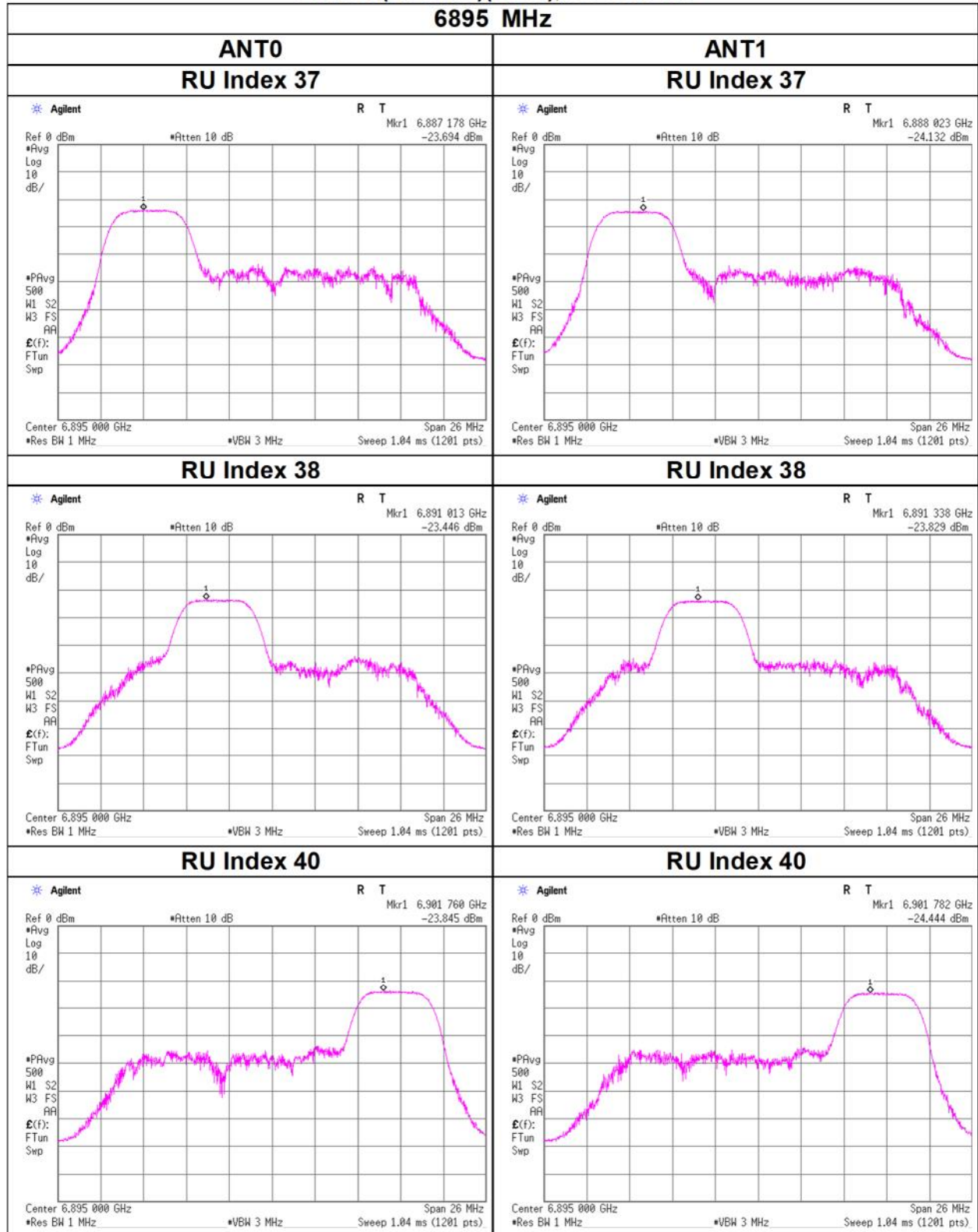
6875 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

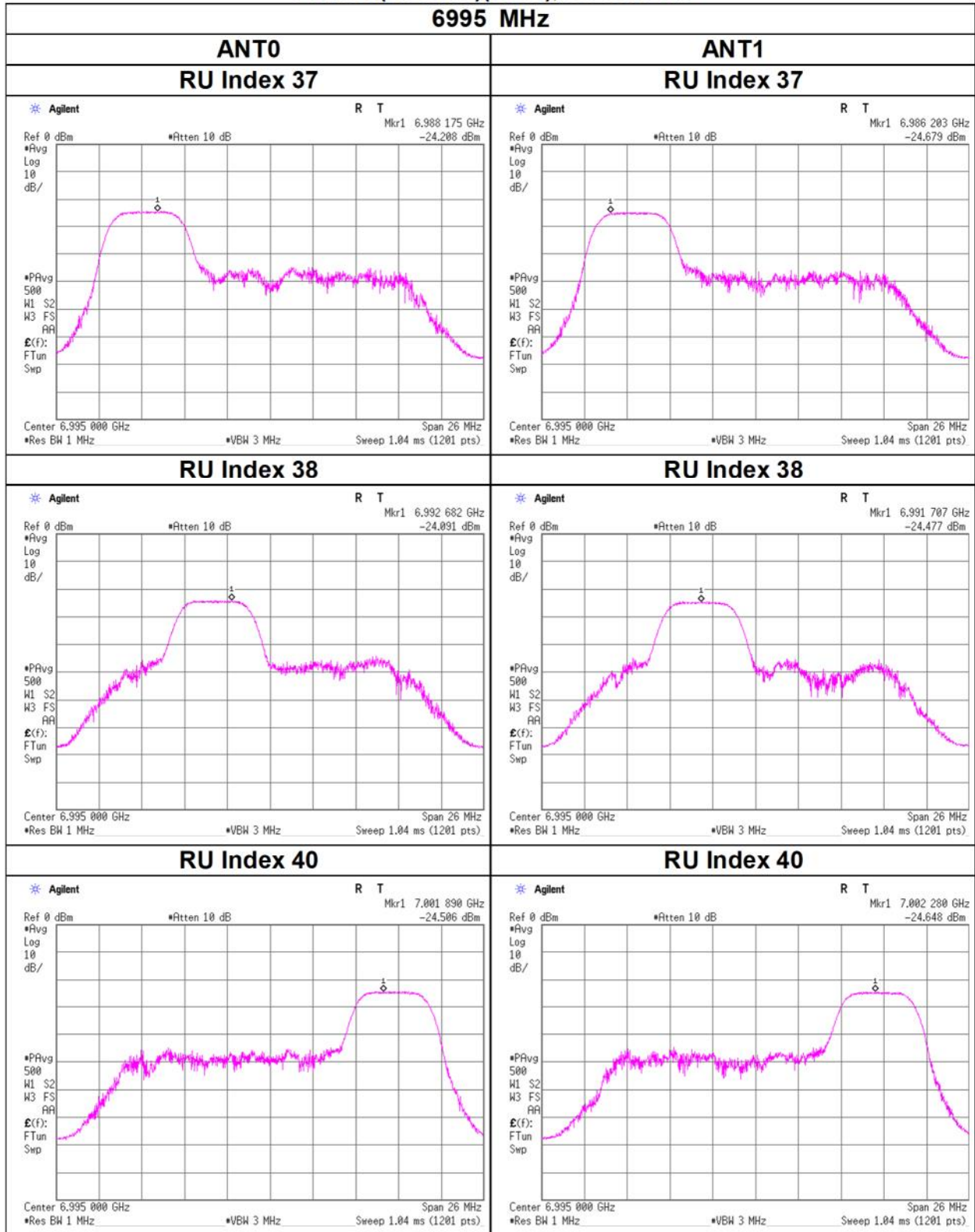
6895 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

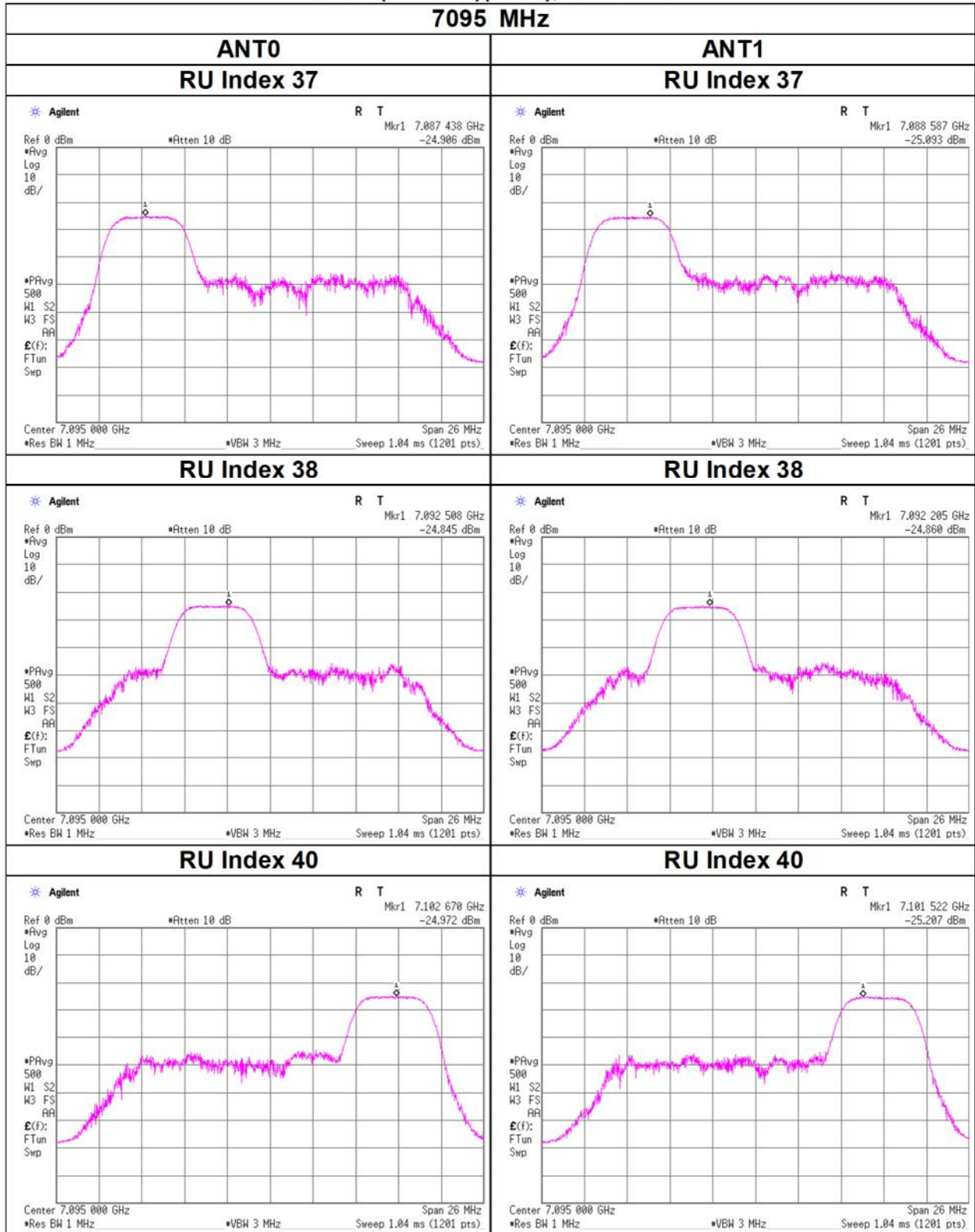
6995 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 52-tone RU

7095 MHz



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 4, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0	ANT1	Sum				ANT0	ANT1	Sum			
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	53	0.15	0.15	0.30	-5.25	-	-	0.21	0.22	0.43	-3.64	-1.00	2.64
	54	0.15	0.14	0.29	-5.41	-	-	0.21	0.21	0.42	-3.80	-1.00	2.80
6195	53	0.14	0.16	0.29	-5.31	-	-	0.20	0.23	0.43	-3.70	-1.00	2.70
	54	0.14	0.15	0.30	-5.29	-	-	0.20	0.22	0.43	-3.68	-1.00	2.68
6415	53	0.12	0.15	0.27	-5.70	-	-	0.17	0.22	0.39	-4.09	-1.00	3.09
	54	0.12	0.15	0.27	-5.65	-	-	0.18	0.22	0.39	-4.04	-1.00	3.04
6435	53	0.15	0.22	0.37	-4.29	-	-	0.22	0.32	0.54	-2.68	-1.00	1.68
	54	0.16	0.21	0.37	-4.36	-	-	0.23	0.30	0.53	-2.75	-1.00	1.75
6475	53	0.14	0.20	0.34	-4.66	-	-	0.21	0.29	0.50	-3.05	-1.00	2.05
	54	0.14	0.21	0.35	-4.60	-	-	0.20	0.30	0.50	-2.99	-1.00	1.99
6515	53	0.14	0.19	0.33	-4.77	-	-	0.20	0.28	0.48	-3.16	-1.00	2.16
	54	0.14	0.20	0.34	-4.66	-	-	0.21	0.29	0.50	-3.05	-1.00	2.05

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5955	53	0.07	-21.68	3.27	9.98	1.61	-8.36	-6.75	-21.61	3.29	10.10	1.61	-8.16	-6.55
	54	0.07	-21.68	3.27	9.98	1.61	-8.37	-6.76	-21.93	3.29	10.10	1.61	-8.48	-6.87
6195	53	0.07	-22.01	3.33	9.98	1.61	-8.63	-7.02	-21.55	3.35	10.10	1.61	-8.03	-6.42
	54	0.07	-21.88	3.33	9.98	1.61	-8.50	-6.89	-21.64	3.35	10.10	1.61	-8.11	-6.50
6415	53	0.07	-22.71	3.39	9.99	1.61	-9.26	-7.65	-21.81	3.42	10.11	1.61	-8.22	-6.61
	54	0.07	-22.59	3.39	9.99	1.61	-9.14	-7.53	-21.82	3.42	10.11	1.61	-8.23	-6.62
6435	53	0.07	-21.59	3.40	9.99	1.61	-8.13	-6.52	-20.20	3.42	10.11	1.61	-6.60	-4.99
	54	0.07	-21.43	3.40	9.99	1.61	-7.98	-6.37	-20.44	3.42	10.11	1.61	-6.84	-5.23
6475	53	0.07	-21.86	3.41	9.99	1.61	-8.39	-6.78	-20.67	3.43	10.11	1.61	-7.06	-5.45
	54	0.07	-22.03	3.41	9.99	1.61	-8.57	-6.96	-20.44	3.43	10.11	1.61	-6.83	-5.22
6515	53	0.07	-22.03	3.42	9.99	1.61	-8.55	-6.94	-20.74	3.44	10.11	1.61	-7.12	-5.51
	54	0.07	-21.89	3.42	9.99	1.61	-8.41	-6.80	-20.67	3.44	10.11	1.61	-7.05	-5.44

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss+ Duty Factor

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Antenna Gain

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 4, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6535	53	0.17	0.22	0.39	-4.11	-	-	0.20	0.25	0.45	-3.51	-1.00	2.51
	54	0.17	0.22	0.39	-4.09	-	-	0.19	0.25	0.45	-3.49	-1.00	2.49
6695	53	0.14	0.19	0.33	-4.83	-	-	0.16	0.21	0.38	-4.23	-1.00	3.23
	54	0.15	0.19	0.34	-4.70	-	-	0.17	0.22	0.39	-4.10	-1.00	3.10
6855	53	0.14	0.17	0.31	-5.08	-	-	0.16	0.20	0.36	-4.48	-1.00	3.48
	54	0.12	0.17	0.29	-5.42	-	-	0.14	0.19	0.33	-4.82	-1.00	3.82
6875	53	0.12	0.16	0.28	-5.47	-	-	0.14	0.18	0.33	-4.87	-1.00	3.87
	54	0.14	0.17	0.30	-5.17	-	-	0.16	0.19	0.35	-4.57	-1.00	3.57
6895	53	0.20	0.19	0.39	-4.10	-	-	0.23	0.21	0.45	-3.50	-1.00	2.50
	54	0.20	0.19	0.39	-4.07	-	-	0.23	0.22	0.45	-3.47	-1.00	2.47
6995	53	0.18	0.16	0.34	-4.72	-	-	0.21	0.18	0.39	-4.12	-1.00	3.12
	54	0.18	0.16	0.34	-4.62	-	-	0.21	0.19	0.40	-4.02	-1.00	3.02
7095	53	0.16	0.17	0.33	-4.83	-	-	0.19	0.19	0.38	-4.23	-1.00	3.23
	54	0.16	0.16	0.32	-4.90	-	-	0.19	0.18	0.37	-4.30	-1.00	3.30

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6535	53	0.07	-21.18	3.43	9.99	0.60	-7.70	-7.10	-20.24	3.45	10.11	0.60	-6.60	-6.00
	54	0.07	-21.24	3.43	9.99	0.60	-7.75	-7.15	-20.17	3.45	10.11	0.60	-6.54	-5.94
6695	53	0.07	-21.97	3.47	9.99	0.60	-8.44	-7.84	-21.00	3.49	10.12	0.60	-7.32	-6.72
	54	0.07	-21.75	3.47	9.99	0.60	-8.22	-7.62	-20.94	3.49	10.12	0.60	-7.26	-6.66
6855	53	0.07	-22.10	3.52	9.99	0.60	-8.52	-7.92	-21.42	3.54	10.12	0.60	-7.70	-7.10
	54	0.07	-22.84	3.52	9.99	0.60	-9.27	-8.67	-21.46	3.54	10.12	0.60	-7.73	-7.13
6875	53	0.07	-22.67	3.52	9.99	0.60	-9.08	-8.48	-21.68	3.54	10.12	0.60	-7.95	-7.35
	54	0.07	-22.19	3.52	9.99	0.60	-8.61	-8.01	-21.52	3.54	10.12	0.60	-7.79	-7.19
6895	53	0.07	-20.53	3.53	9.99	0.60	-6.94	-6.34	-21.03	3.55	10.12	0.60	-7.29	-6.69
	54	0.07	-20.51	3.53	9.99	0.60	-6.92	-6.32	-20.98	3.55	10.12	0.60	-7.24	-6.64
6995	53	0.07	-21.07	3.56	9.99	0.60	-7.45	-6.85	-21.80	3.58	10.12	0.60	-8.03	-7.43
	54	0.07	-21.03	3.56	9.99	0.60	-7.41	-6.81	-21.64	3.58	10.12	0.60	-7.87	-7.27
7095	53	0.07	-21.52	3.58	9.99	0.60	-7.88	-7.28	-21.59	3.60	10.12	0.60	-7.80	-7.20
	54	0.07	-21.50	3.58	9.99	0.60	-7.85	-7.25	-21.76	3.60	10.12	0.60	-7.96	-7.36

Sample Calculation:

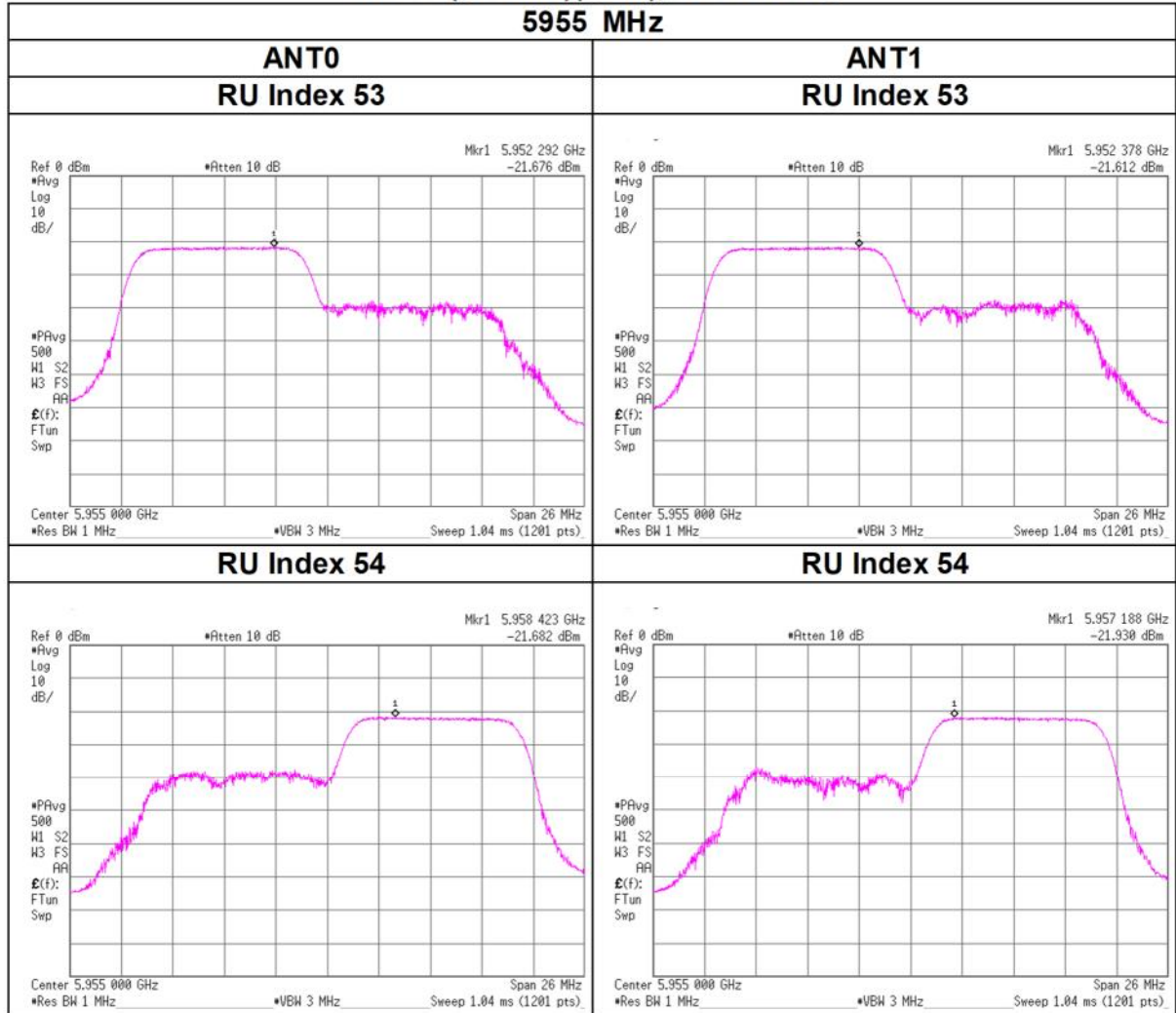
PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss + Duty Factor

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Antenna Gain

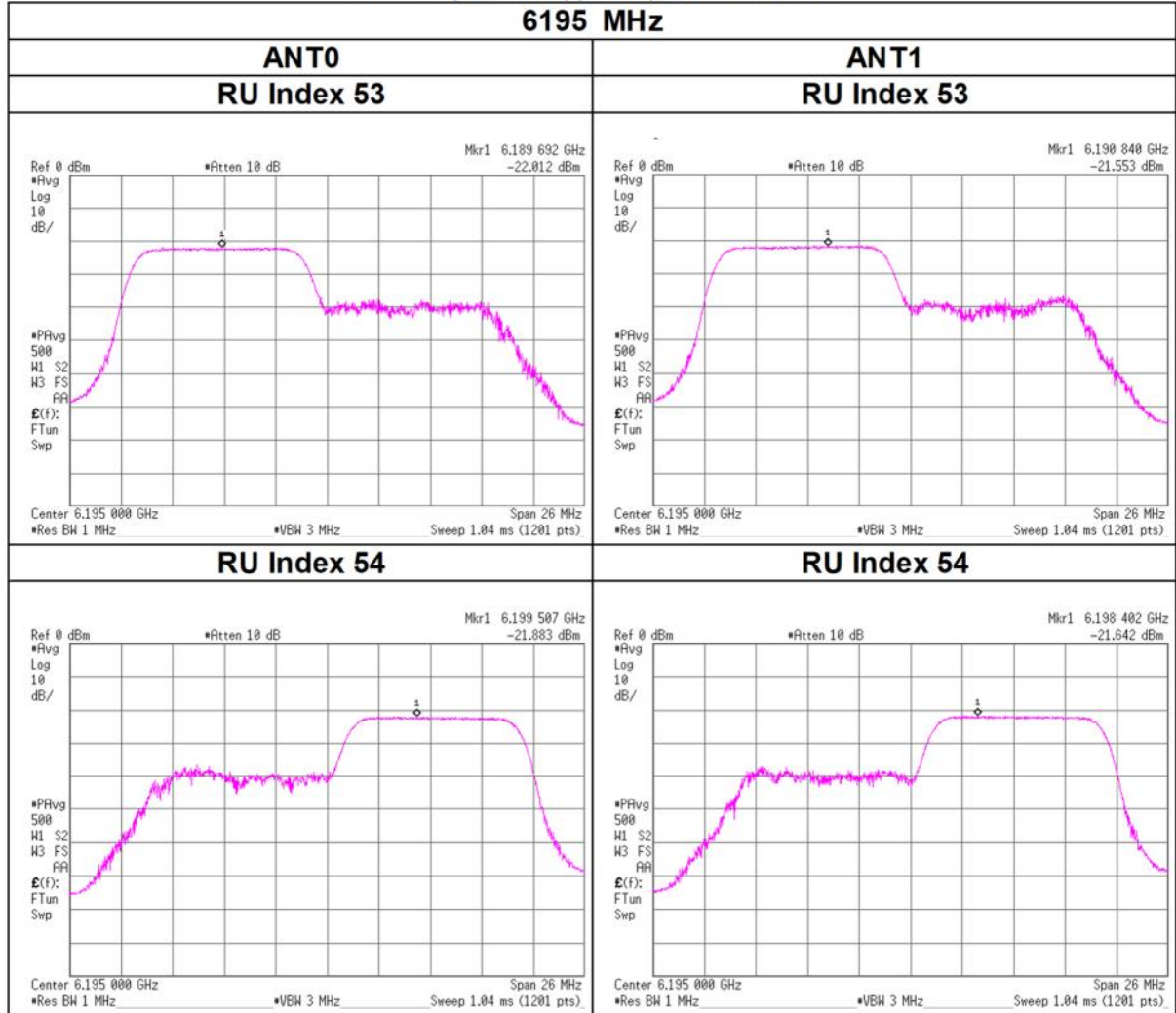
Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



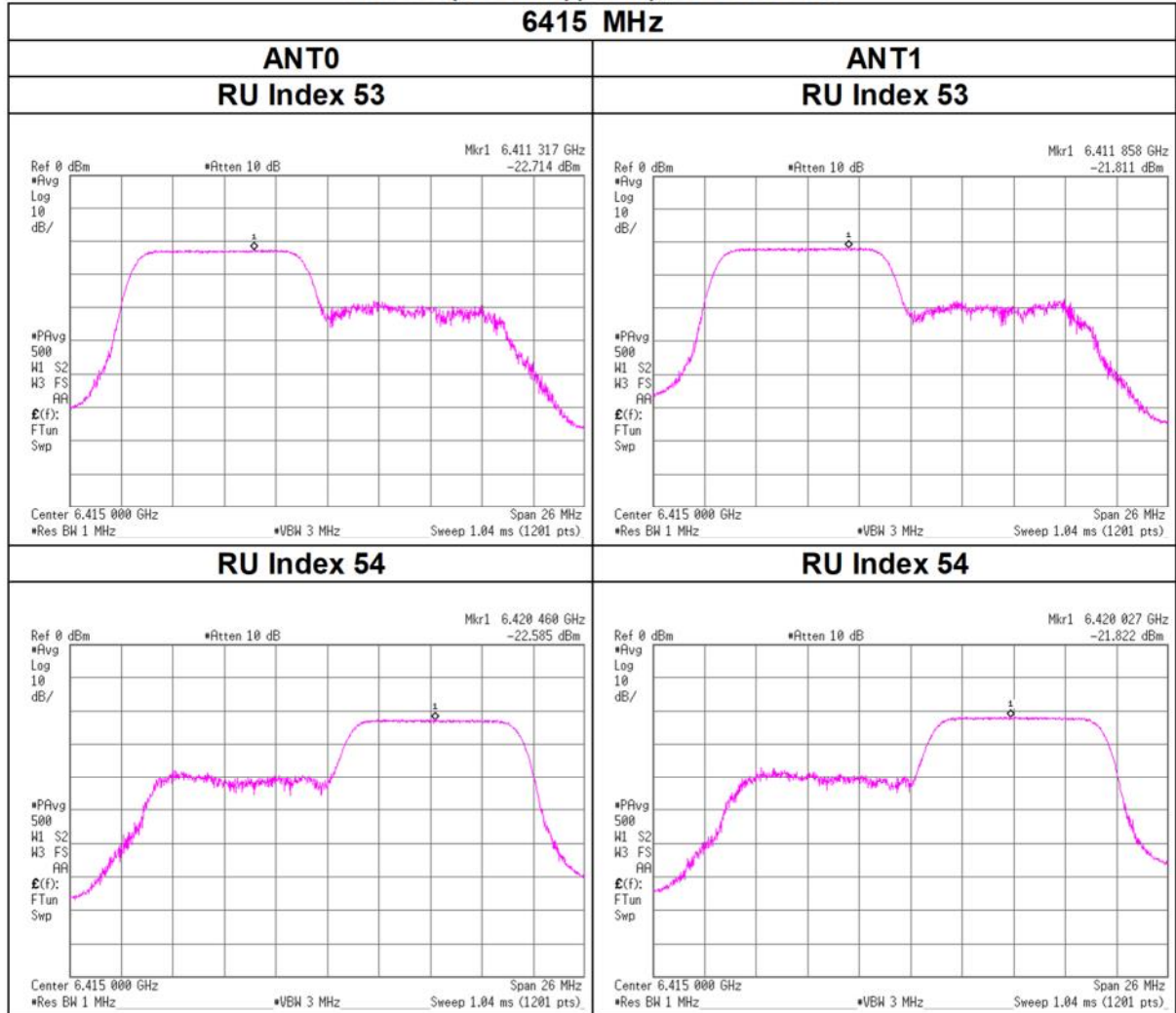
Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



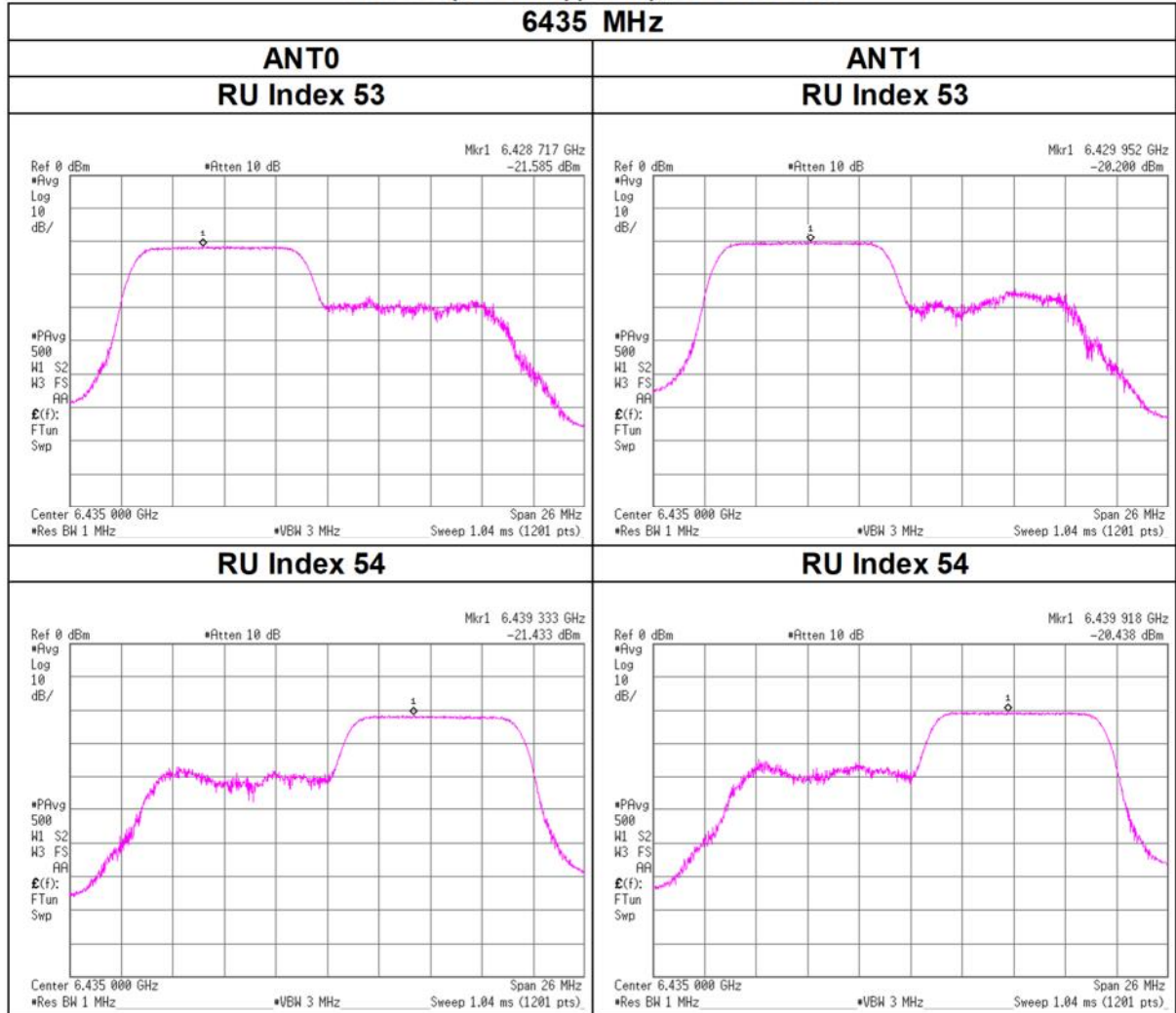
Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



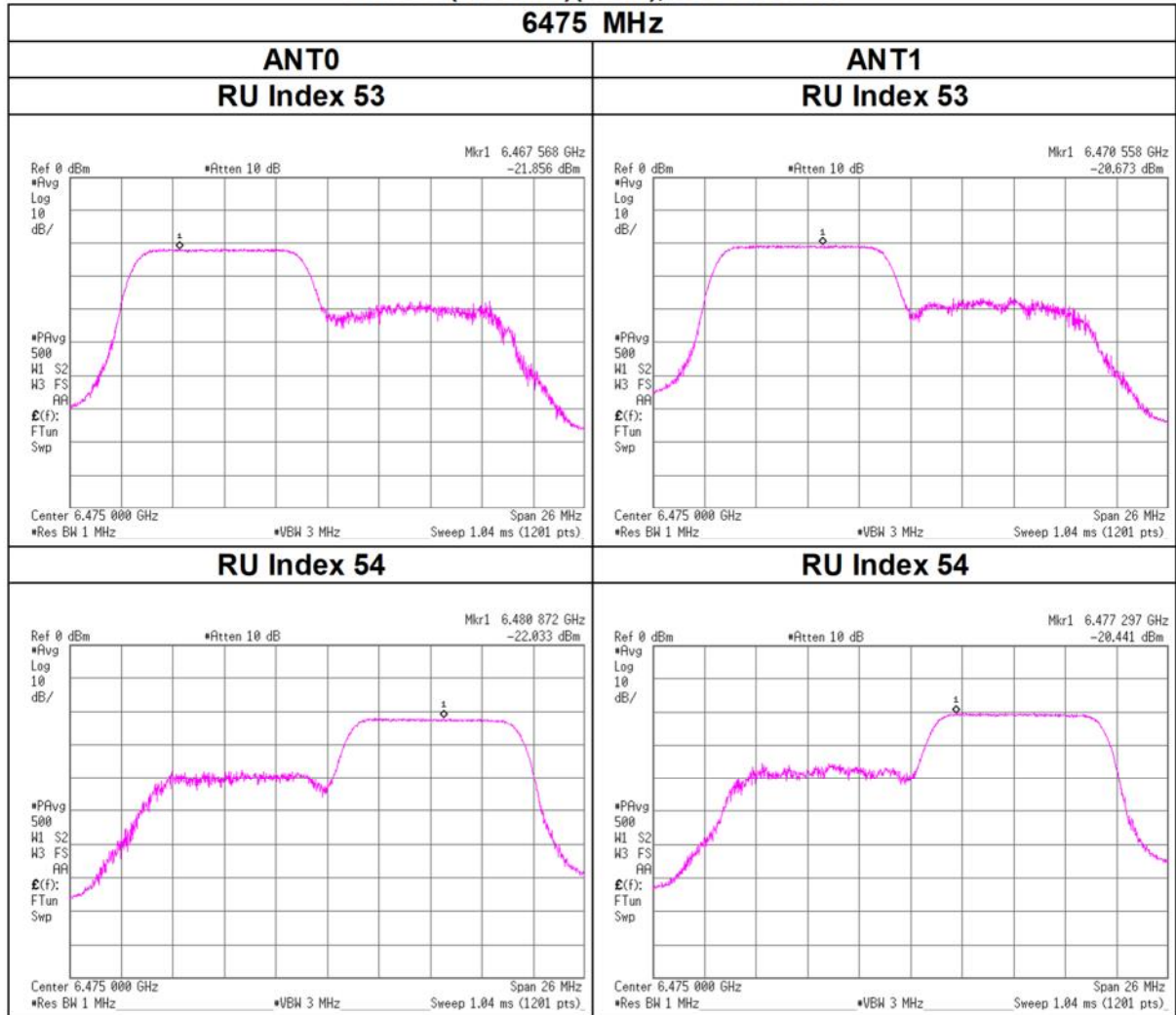
Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



Maximum Power Spectral Density

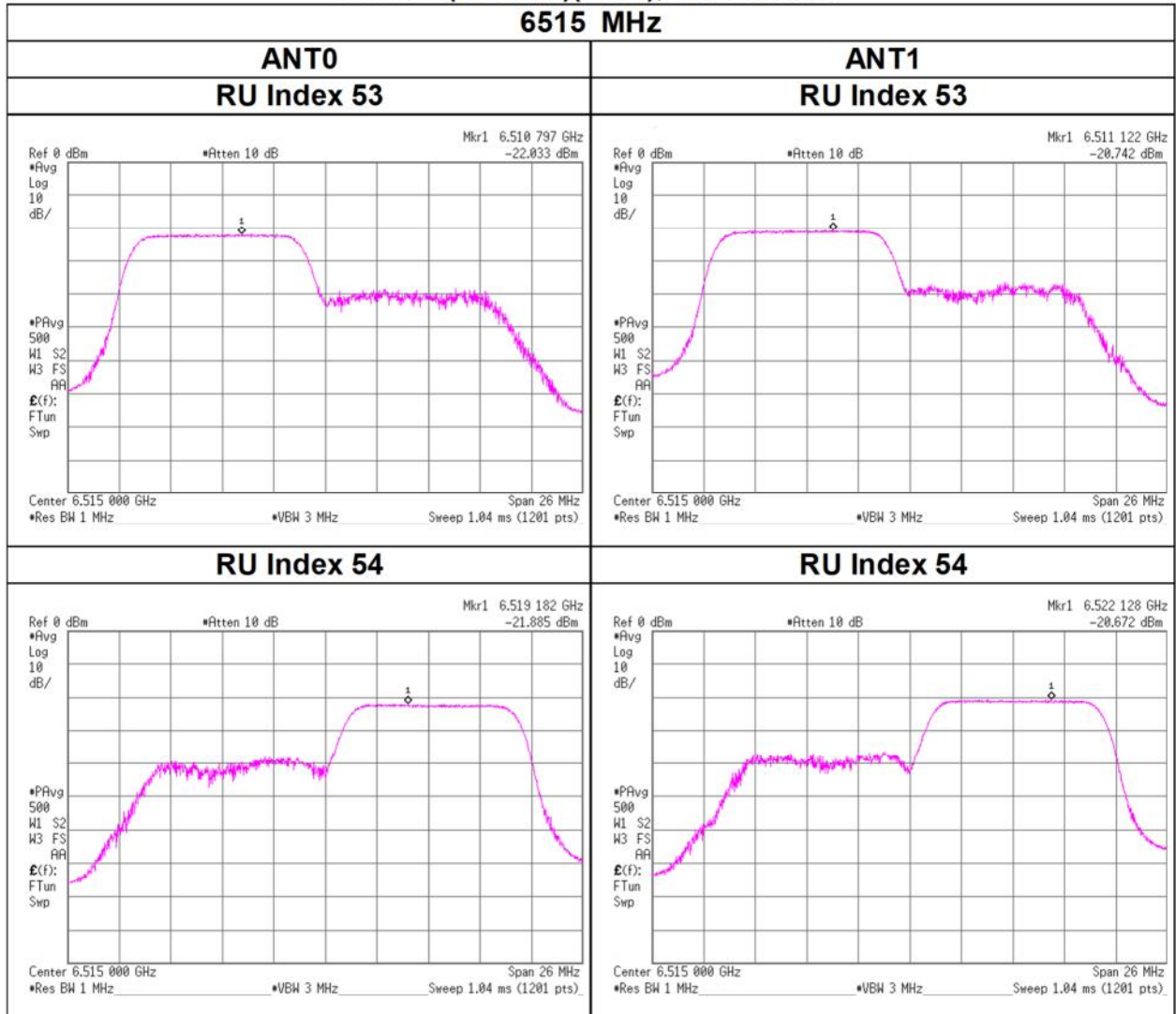
11ax-20(OFDMA)(SDM), 106-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU

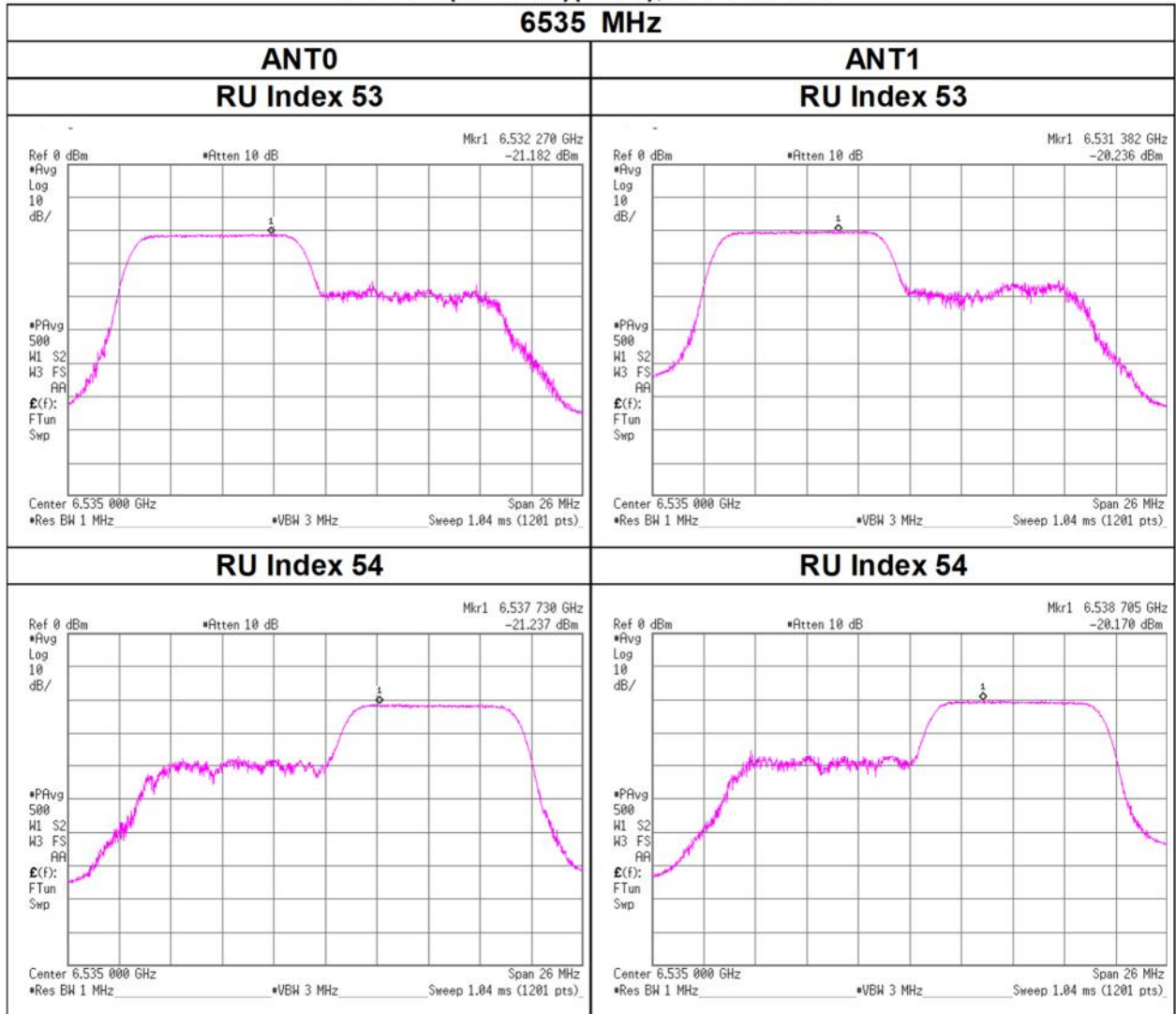
6515 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU

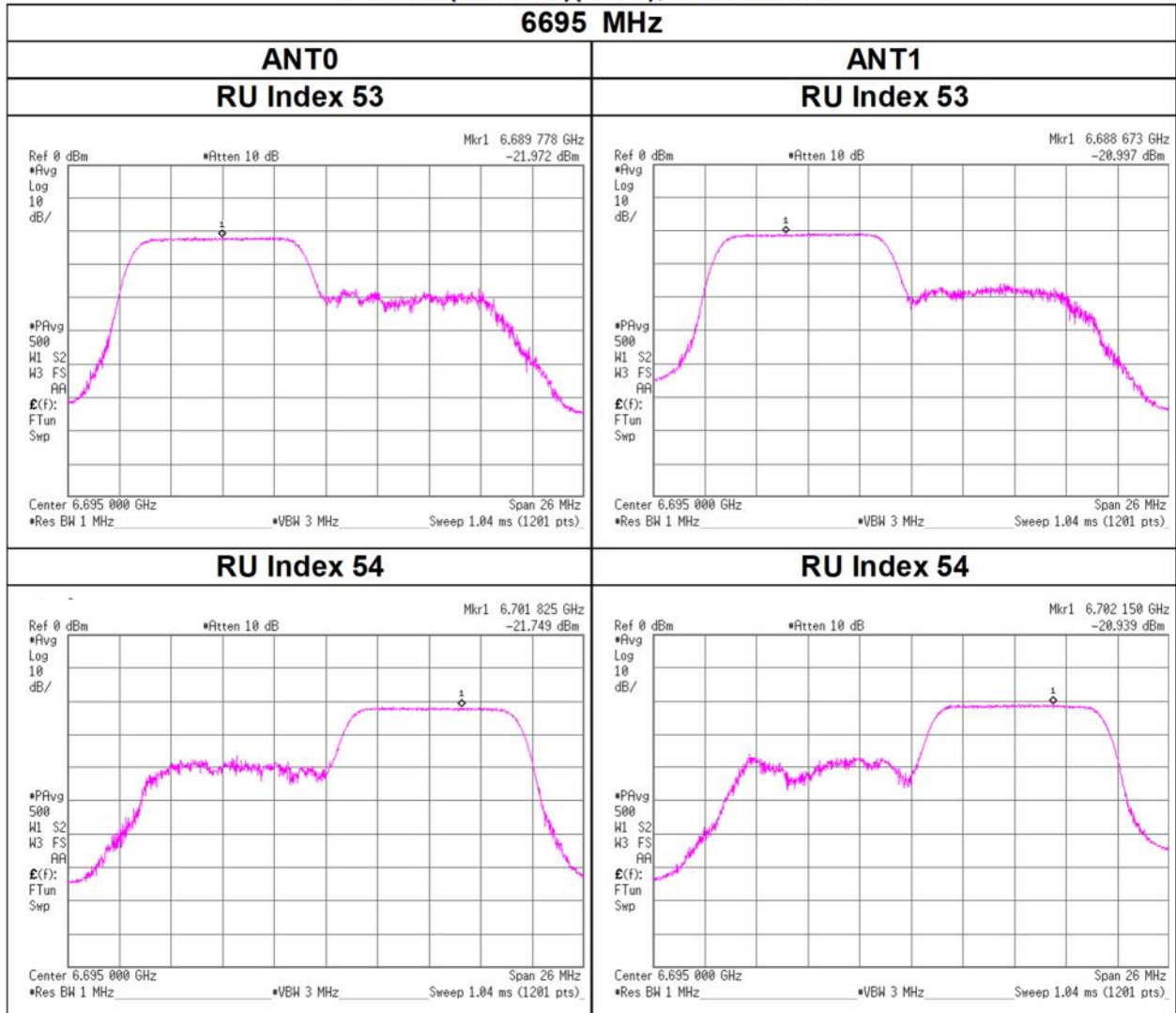
6535 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU

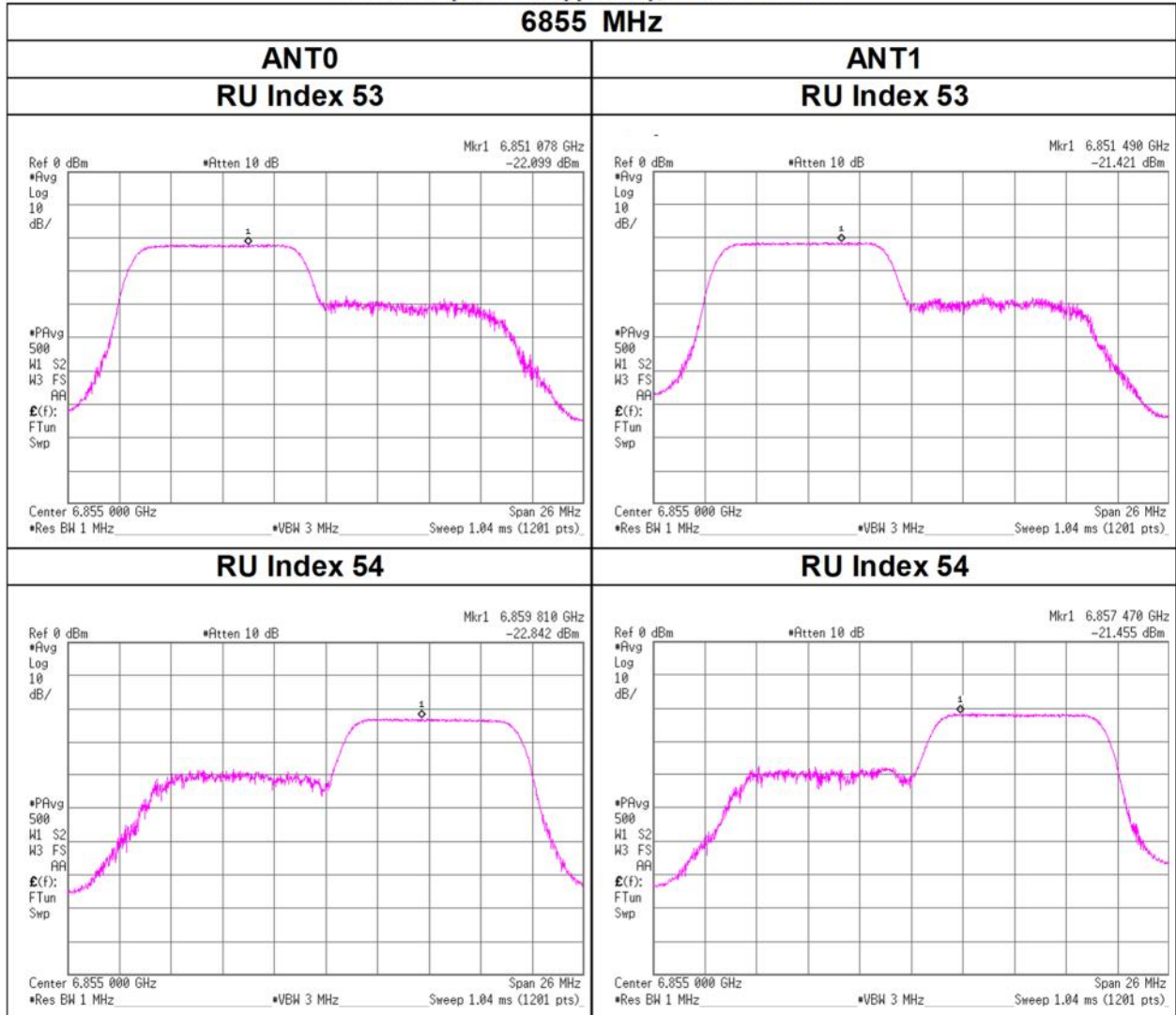
6695 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU

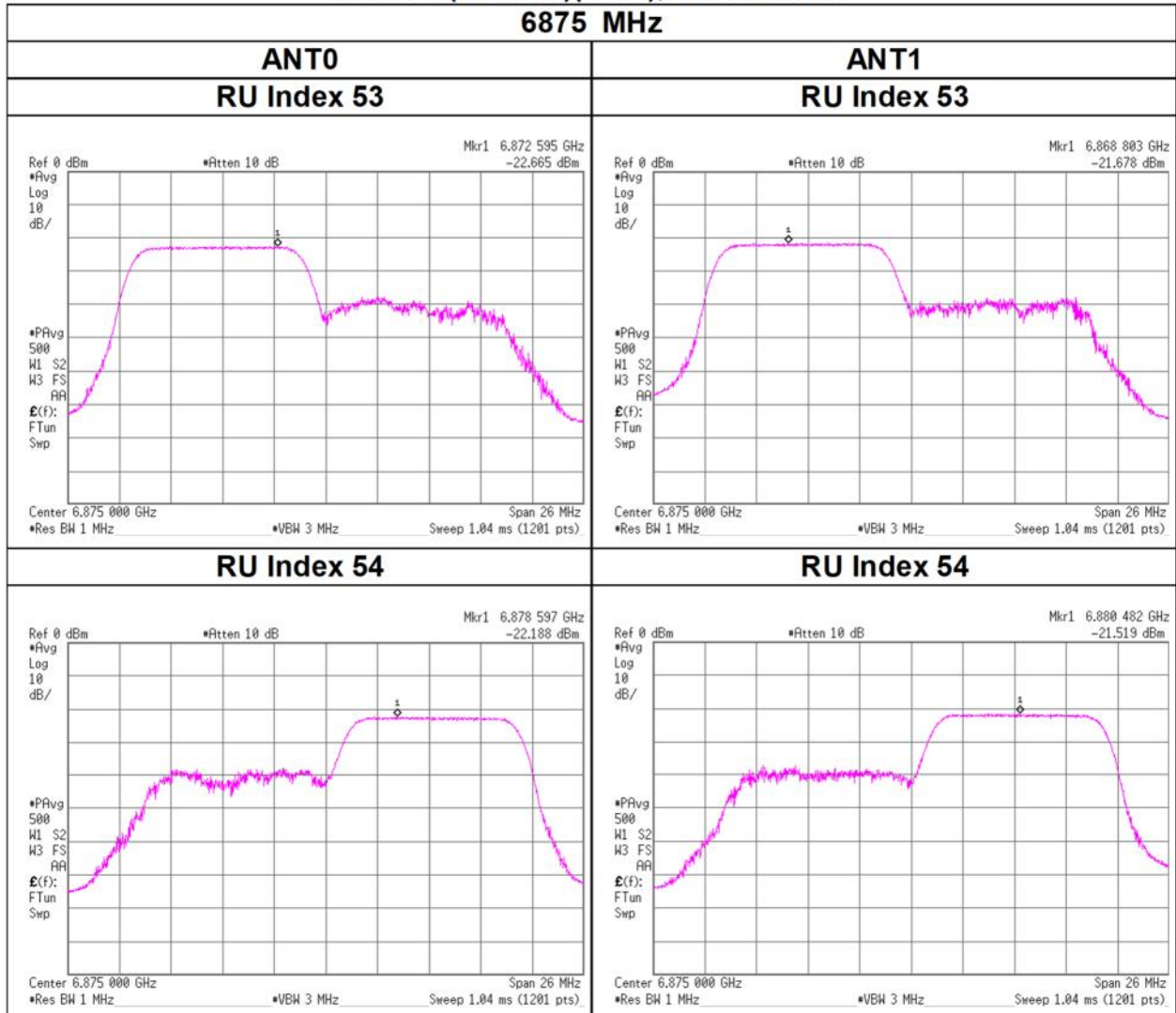
6855 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU

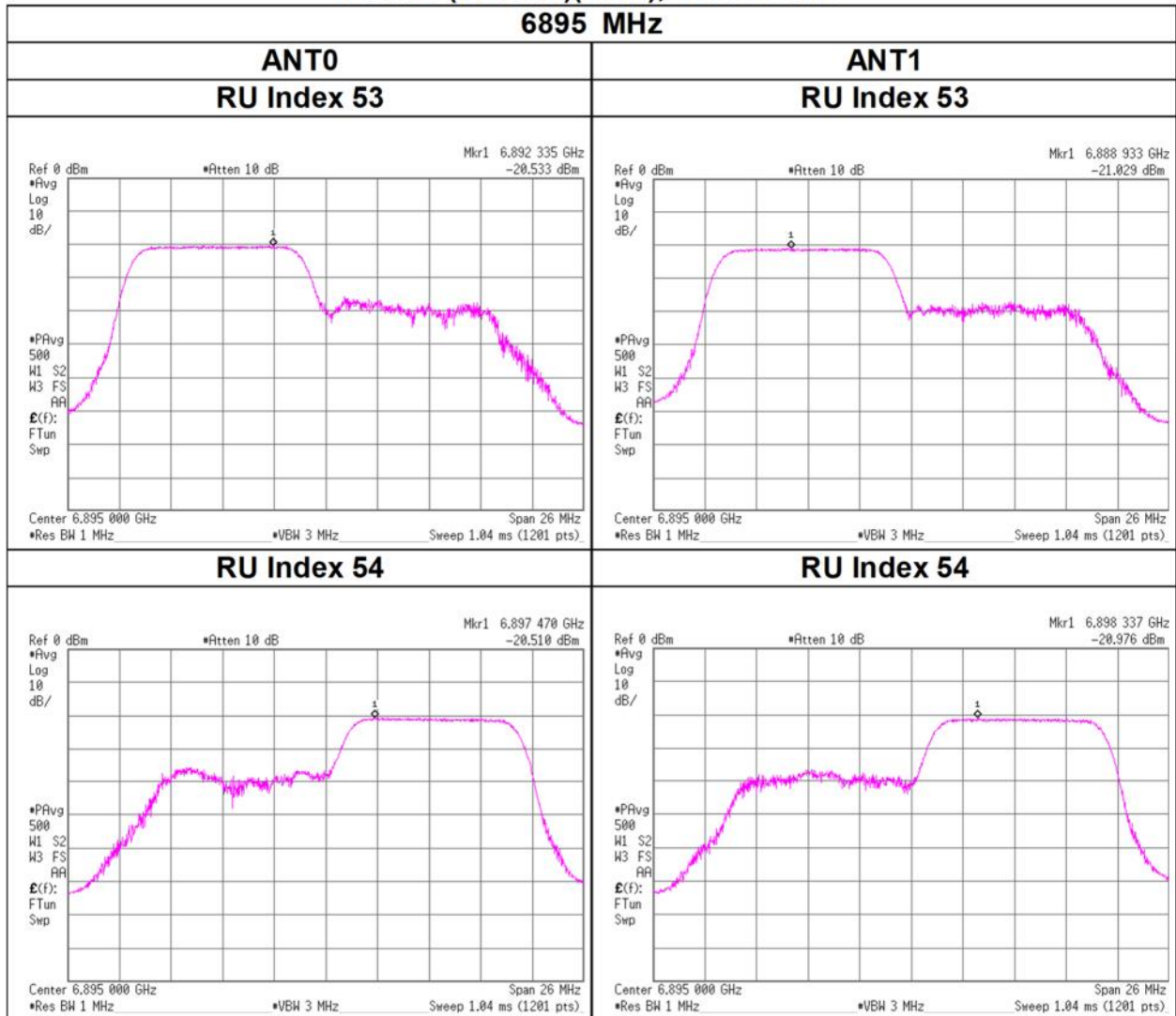
6875 MHz



Maximum Power Spectral Density

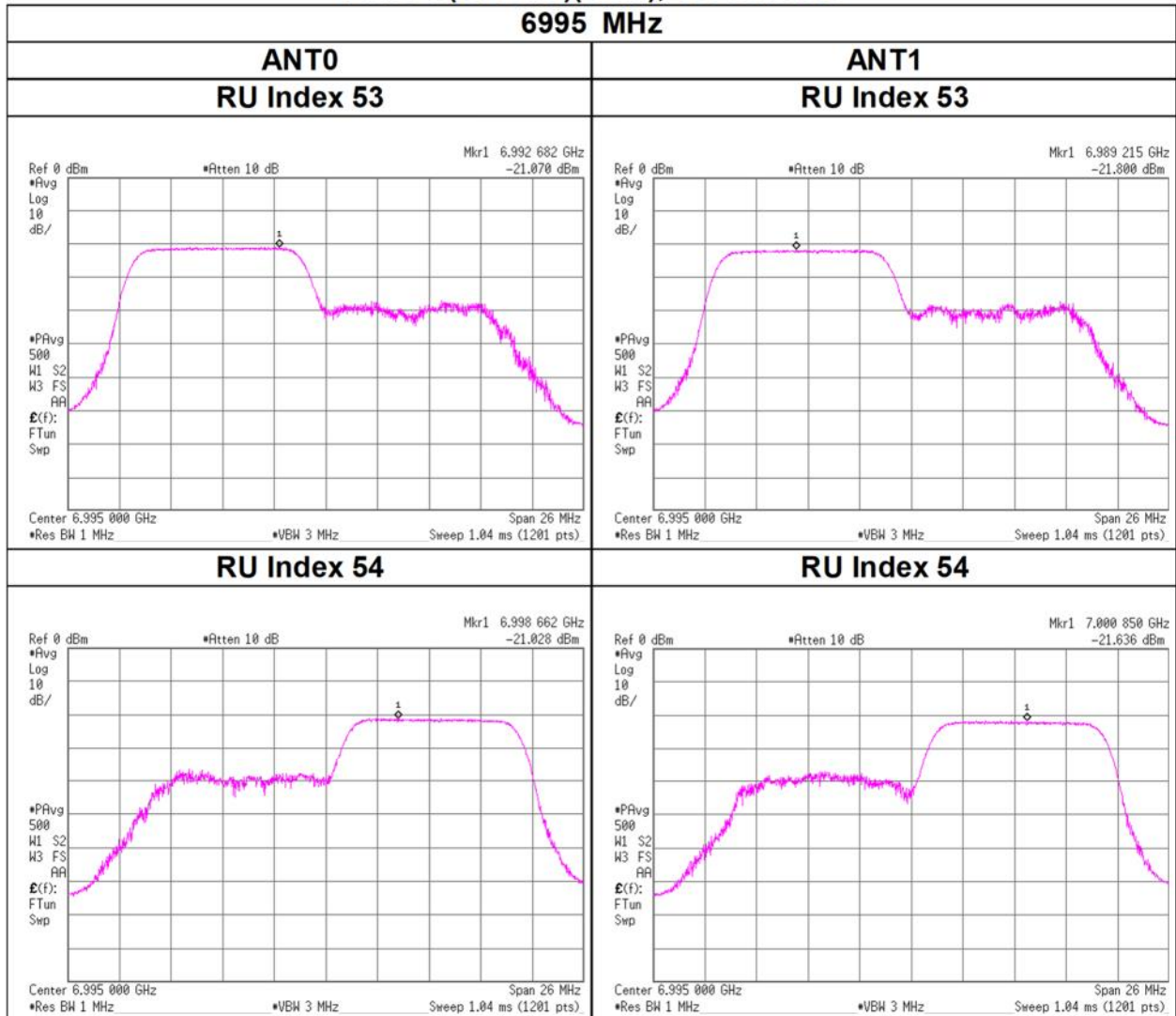
11ax-20(OFDMA)(SDM), 106-tone RU

6895 MHz



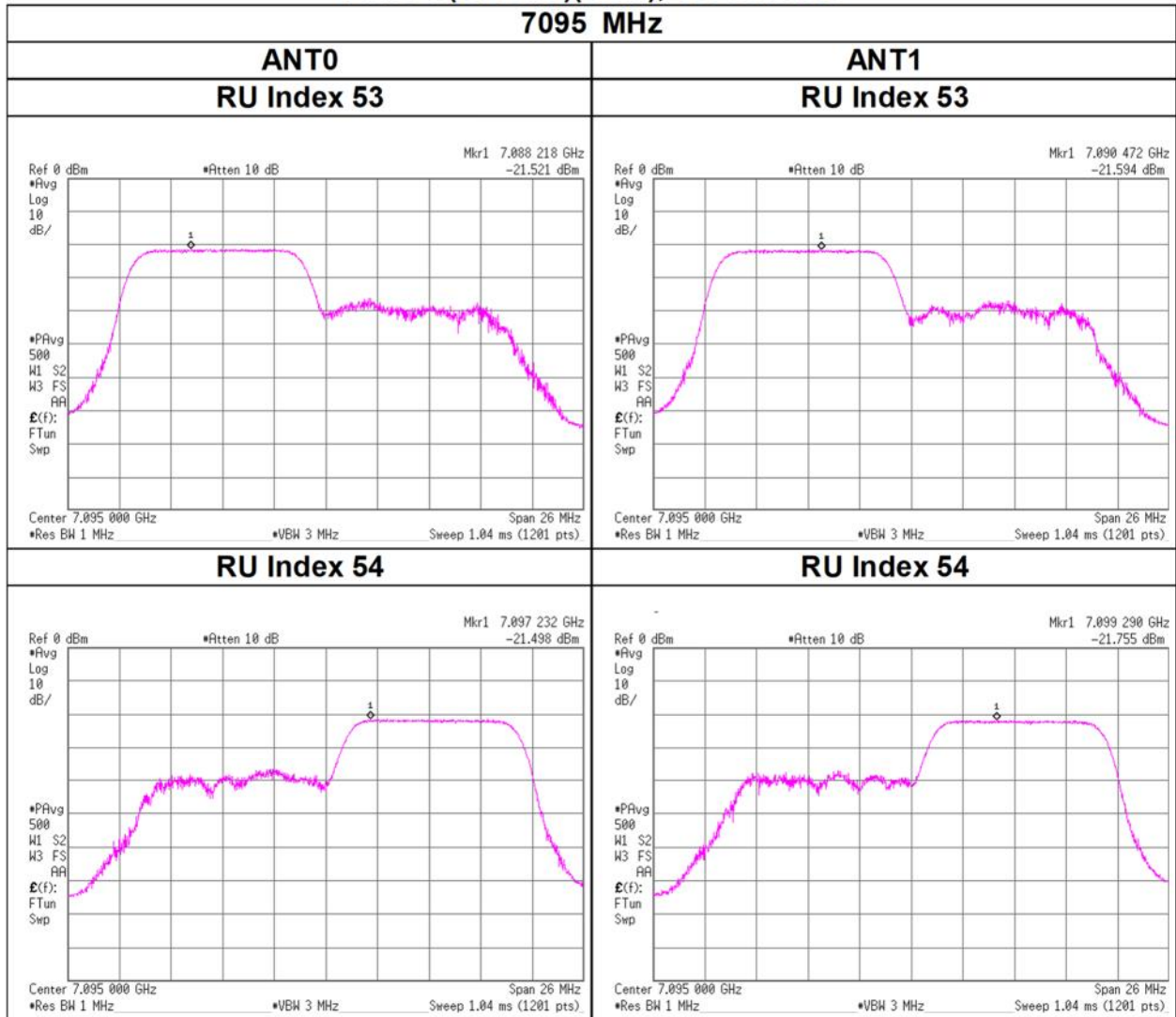
Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 106-tone RU



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 6, 2024
Temperature / Humidity 24 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0	ANT1	Sum				ANT0	ANT1	Sum			
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	53	0.07	0.08	0.15	-8.16	-	-	0.22	0.23	0.44	-3.53	-1.00	2.53
	54	0.07	0.08	0.15	-8.32	-	-	0.21	0.22	0.43	-3.69	-1.00	2.69
6195	53	0.07	0.08	0.15	-8.23	-	-	0.21	0.22	0.44	-3.60	-1.00	2.60
	54	0.08	0.08	0.15	-8.13	-	-	0.22	0.23	0.45	-3.50	-1.00	2.50
6415	53	0.06	0.07	0.14	-8.69	-	-	0.18	0.22	0.39	-4.06	-1.00	3.06
	54	0.06	0.07	0.14	-8.66	-	-	0.18	0.22	0.40	-4.03	-1.00	3.03
6435	53	0.07	0.10	0.17	-7.82	-	-	0.20	0.28	0.48	-3.19	-1.00	2.19
	54	0.07	0.10	0.17	-7.74	-	-	0.20	0.29	0.49	-3.11	-1.00	2.11
6475	53	0.07	0.10	0.17	-7.69	-	-	0.20	0.29	0.49	-3.06	-1.00	2.06
	54	0.07	0.09	0.16	-7.93	-	-	0.20	0.27	0.47	-3.30	-1.00	2.30
6515	53	0.08	0.09	0.16	-7.87	-	-	0.22	0.25	0.47	-3.24	-1.00	2.24
	54	0.08	0.09	0.17	-7.79	-	-	0.22	0.26	0.48	-3.16	-1.00	2.16

Tested Frequency [MHz]	RU Index	Duty Factor	ANT0						ANT1					
			PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	PSD Result e.i.r.p.
			[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5955	53	0.07	-24.58	3.27	9.98	4.63	-11.27	-6.64	-24.52	3.29	10.10	4.63	-11.07	-6.44
	54	0.07	-24.81	3.27	9.98	4.63	-11.50	-6.87	-24.62	3.29	10.10	4.63	-11.16	-6.53
6195	53	0.07	-24.70	3.33	9.98	4.63	-11.32	-6.69	-24.70	3.35	10.10	4.63	-11.17	-6.54
	54	0.07	-24.60	3.33	9.98	4.63	-11.21	-6.58	-24.61	3.35	10.10	4.63	-11.08	-6.45
6415	53	0.07	-25.61	3.39	9.99	4.63	-12.16	-7.53	-24.87	3.42	10.11	4.63	-11.28	-6.65
	54	0.07	-25.58	3.39	9.99	4.63	-12.13	-7.50	-24.85	3.42	10.11	4.63	-11.26	-6.63
6435	53	0.07	-25.04	3.40	9.99	4.63	-11.58	-6.95	-23.79	3.42	10.11	4.63	-10.19	-5.56
	54	0.07	-25.05	3.40	9.99	4.63	-11.60	-6.97	-23.65	3.42	10.11	4.63	-10.05	-5.42
6475	53	0.07	-25.03	3.41	9.99	4.63	-11.57	-6.94	-23.59	3.43	10.11	4.63	-9.97	-5.34
	54	0.07	-25.18	3.41	9.99	4.63	-11.71	-7.08	-23.89	3.43	10.11	4.63	-10.28	-5.65
6515	53	0.07	-24.65	3.42	9.99	4.63	-11.17	-6.54	-24.23	3.44	10.11	4.63	-10.61	-5.98
	54	0.07	-24.68	3.42	9.99	4.63	-11.20	-6.57	-24.05	3.44	10.11	4.63	-10.42	-5.79

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss + Duty Factor

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10\log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

Number of transmit antennas = 2, Number of spatial streams = 1

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 6, 2024
Temperature / Humidity 24 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6535	53	0.08	0.10	0.18	-7.46	-	-	0.19	0.23	0.41	-3.84	-1.00	2.84
	54	0.10	0.10	0.20	-7.06	-	-	0.22	0.23	0.45	-3.44	-1.00	2.44
6695	53	0.07	0.10	0.17	-7.69	-	-	0.17	0.23	0.39	-4.07	-1.00	3.07
	54	0.08	0.10	0.17	-7.62	-	-	0.17	0.22	0.40	-4.00	-1.00	3.00
6855	53	0.06	0.08	0.13	-8.71	-	-	0.14	0.17	0.31	-5.09	-1.00	4.09
	54	0.06	0.07	0.14	-8.62	-	-	0.14	0.17	0.32	-5.00	-1.00	4.00
6875	53	0.06	0.07	0.13	-8.82	-	-	0.13	0.17	0.30	-5.20	-1.00	4.20
	54	0.06	0.08	0.13	-8.70	-	-	0.14	0.17	0.31	-5.08	-1.00	4.08
6895	53	0.10	0.08	0.18	-7.41	-	-	0.22	0.19	0.42	-3.79	-1.00	2.79
	54	0.09	0.08	0.17	-7.65	-	-	0.21	0.19	0.40	-4.03	-1.00	3.03
6995	53	0.08	0.08	0.17	-7.75	-	-	0.19	0.19	0.39	-4.13	-1.00	3.13
	54	0.08	0.07	0.16	-8.09	-	-	0.19	0.17	0.36	-4.47	-1.00	3.47
7095	53	0.08	0.08	0.16	-8.02	-	-	0.18	0.18	0.36	-4.40	-1.00	3.40
	54	0.08	0.07	0.15	-8.22	-	-	0.17	0.17	0.35	-4.60	-1.00	3.60

ANT0							ANT1							
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6535	53	0.07	-24.41	3.43	9.99	3.62	-10.92	-7.30	-23.70	3.45	10.11	3.62	-10.06	-6.44
	54	0.07	-23.66	3.43	9.99	3.62	-10.17	-6.55	-23.61	3.45	10.11	3.62	-9.98	-6.36
6695	53	0.07	-24.95	3.47	9.99	3.62	-11.42	-7.80	-23.76	3.49	10.12	3.62	-10.09	-6.47
	54	0.07	-24.75	3.47	9.99	3.62	-11.22	-7.60	-23.79	3.49	10.12	3.62	-10.11	-6.49
6855	53	0.07	-25.87	3.52	9.99	3.62	-12.30	-8.68	-24.93	3.54	10.12	3.62	-11.21	-7.59
	54	0.07	-25.60	3.52	9.99	3.62	-12.03	-8.41	-25.00	3.54	10.12	3.62	-11.27	-7.65
6875	53	0.07	-25.98	3.52	9.99	3.62	-12.40	-8.78	-25.05	3.54	10.12	3.62	-11.32	-7.70
	54	0.07	-25.82	3.52	9.99	3.62	-12.23	-8.61	-24.97	3.54	10.12	3.62	-11.24	-7.62
6895	53	0.07	-23.71	3.53	9.99	3.62	-10.12	-6.50	-24.47	3.55	10.12	3.62	-10.74	-7.12
	54	0.07	-24.02	3.53	9.99	3.62	-10.43	-6.81	-24.65	3.55	10.12	3.62	-10.91	-7.29
6995	53	0.07	-24.34	3.56	9.99	3.62	-10.72	-7.10	-24.57	3.58	10.12	3.62	-10.80	-7.18
	54	0.07	-24.53	3.56	9.99	3.62	-10.91	-7.29	-25.06	3.58	10.12	3.62	-11.29	-7.67
7095	53	0.07	-24.74	3.58	9.99	3.62	-11.09	-7.47	-24.77	3.60	10.12	3.62	-10.97	-7.35
	54	0.07	-24.84	3.58	9.99	3.62	-11.19	-7.57	-25.06	3.60	10.12	3.62	-11.27	-7.65

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss + Duty Factor

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

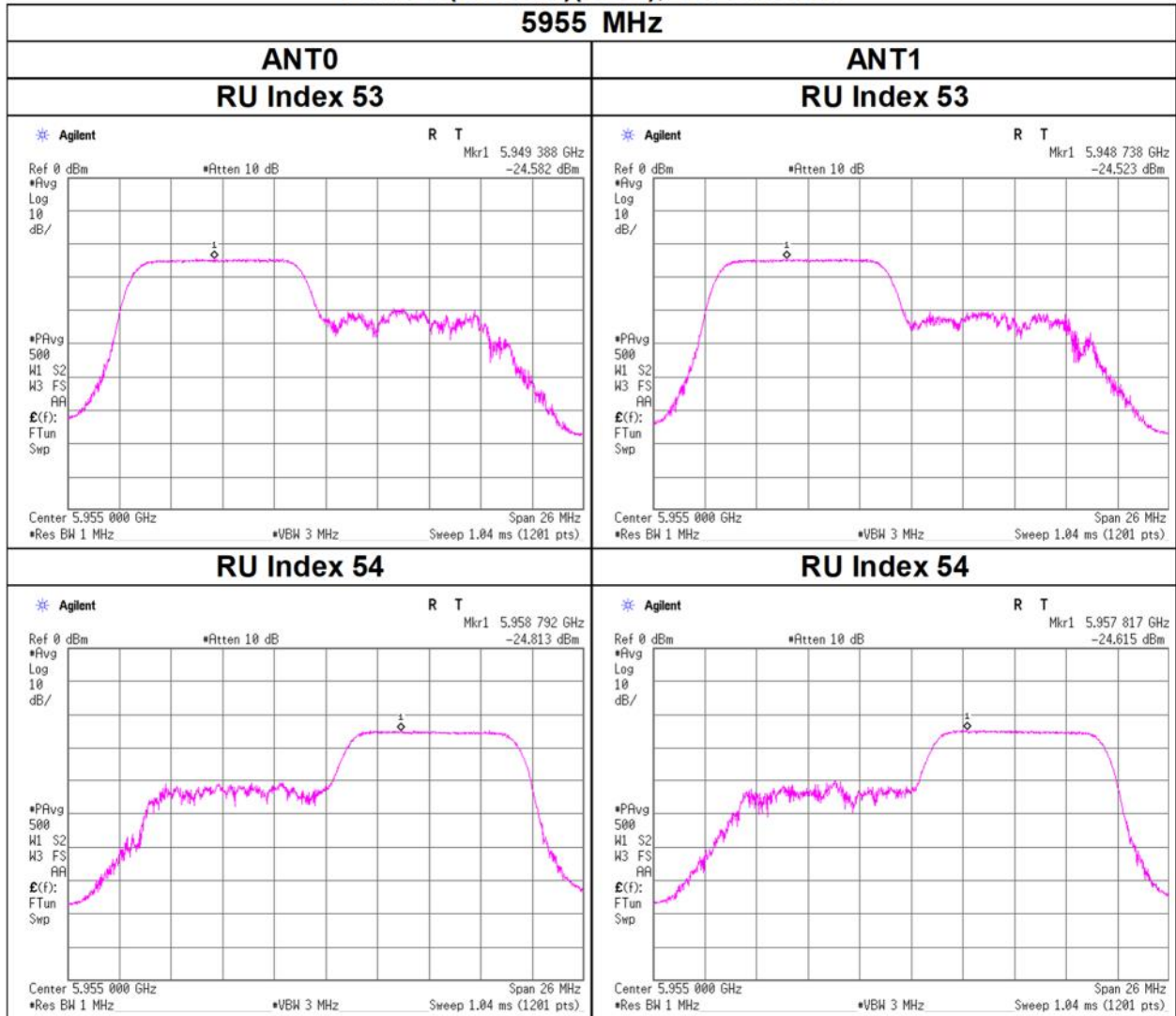
Directional Gain = Antenna Gain + Array Gain, Array Gain = $10\log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

Number of transmit antennas = 2, Number of spatial streams = 1

Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

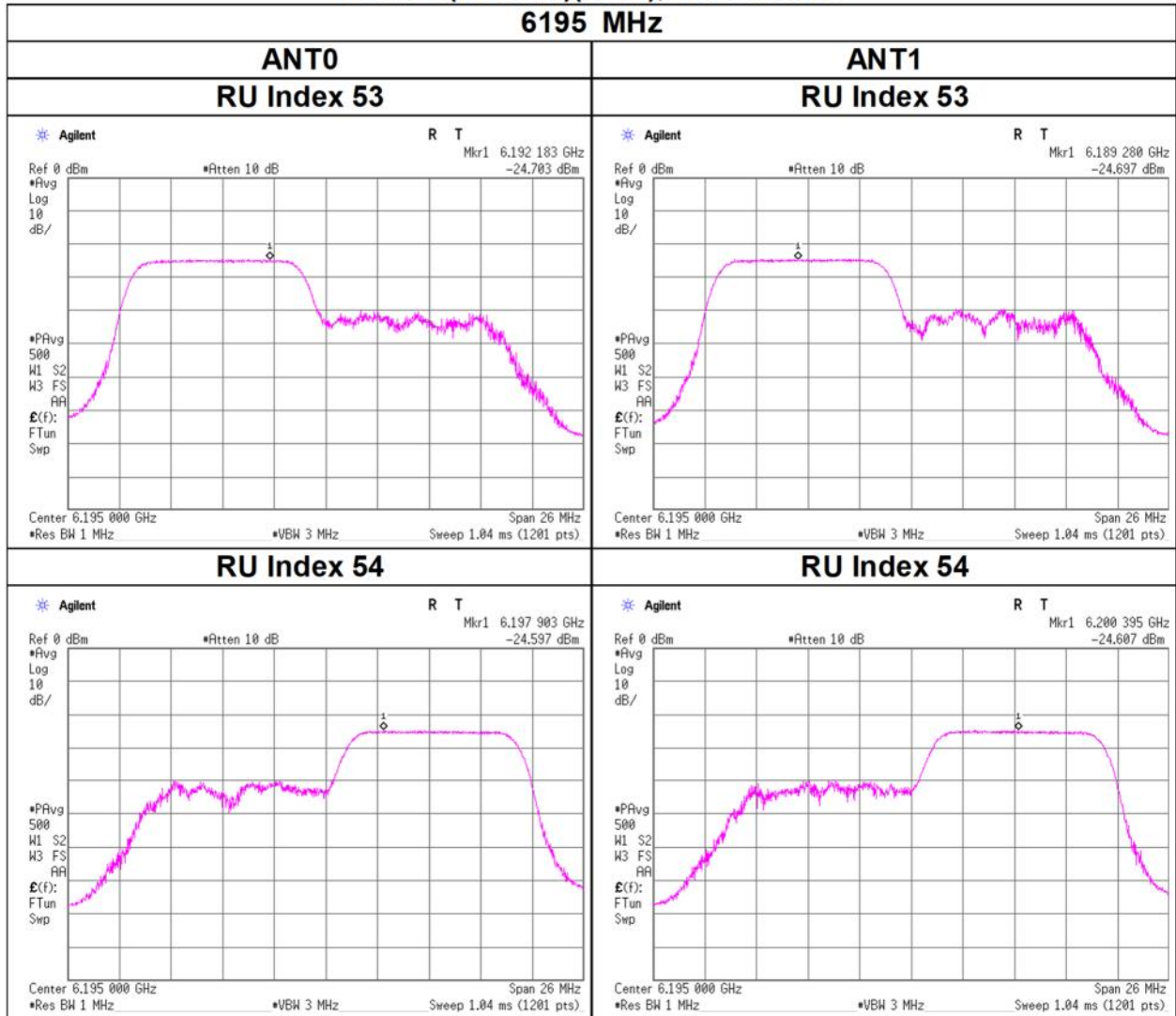
5955 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

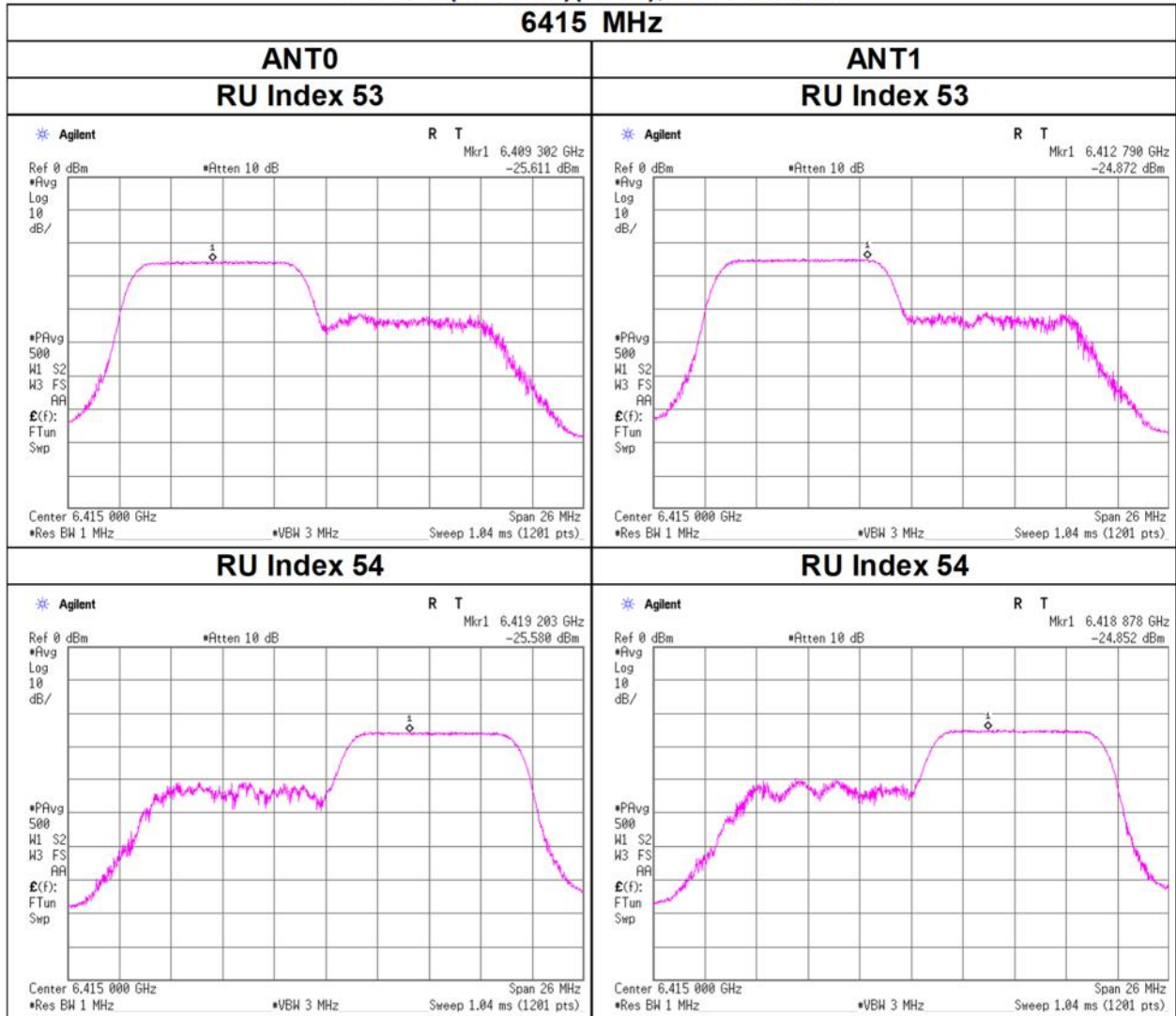
6195 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

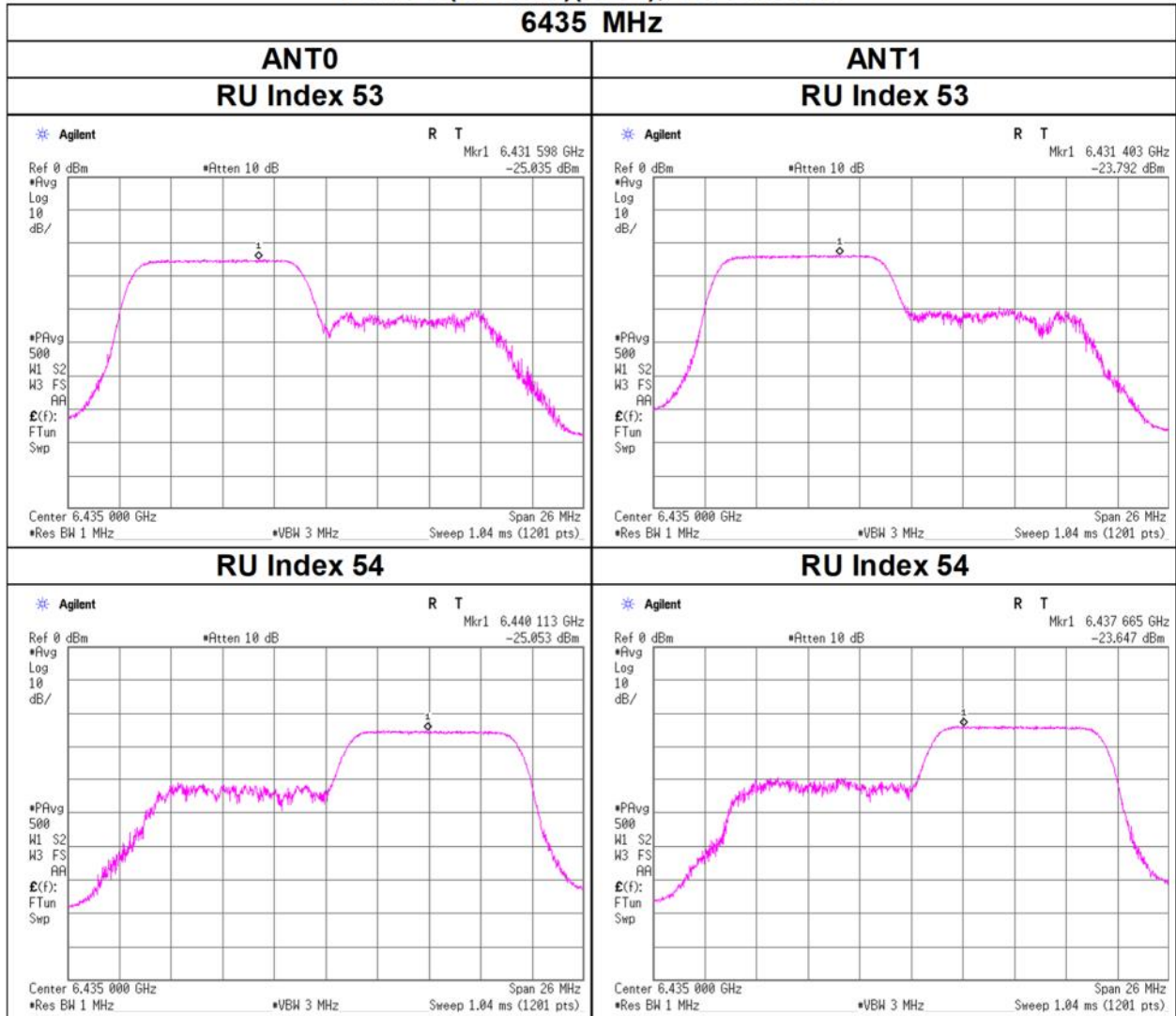
6415 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

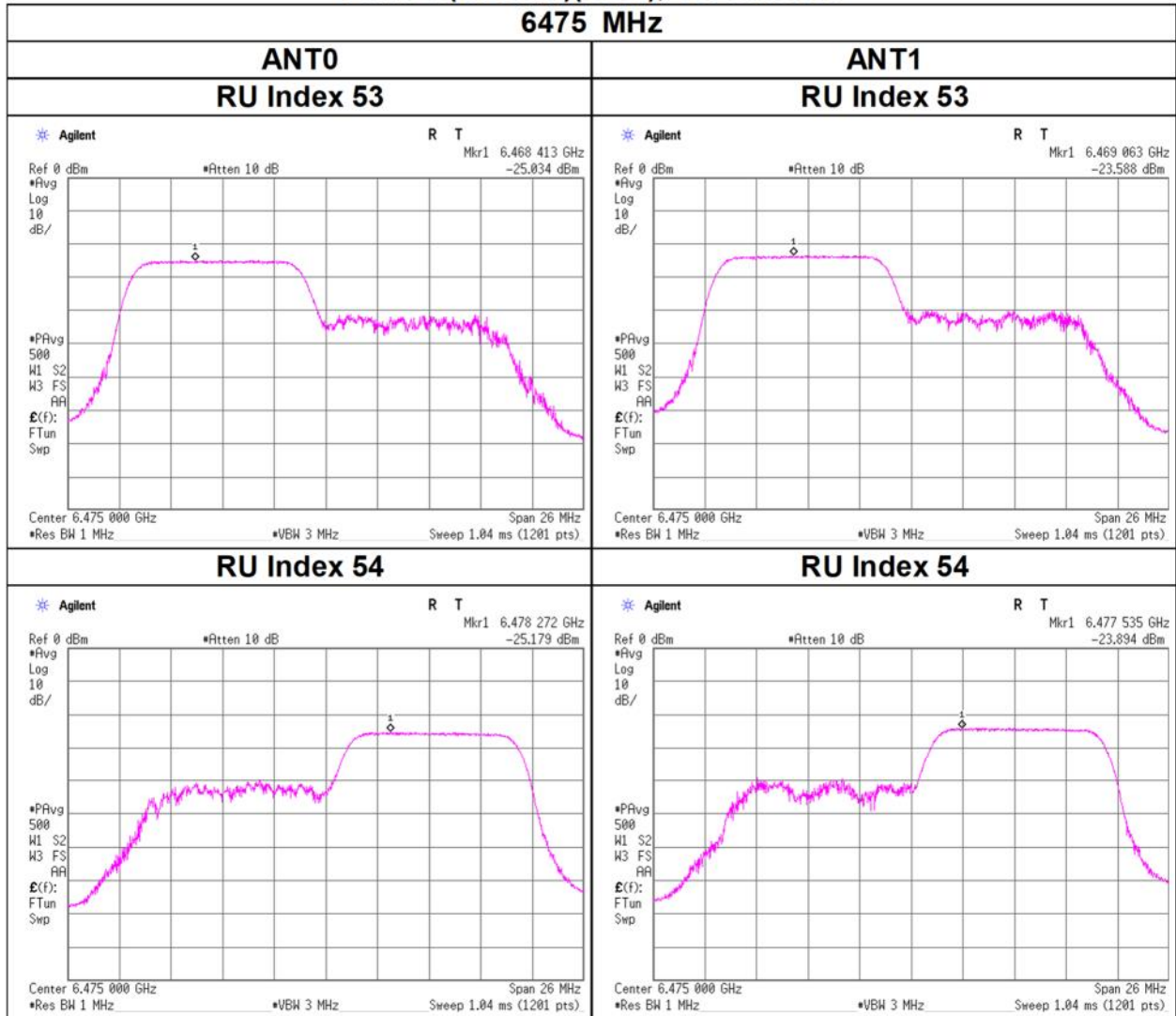
6435 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

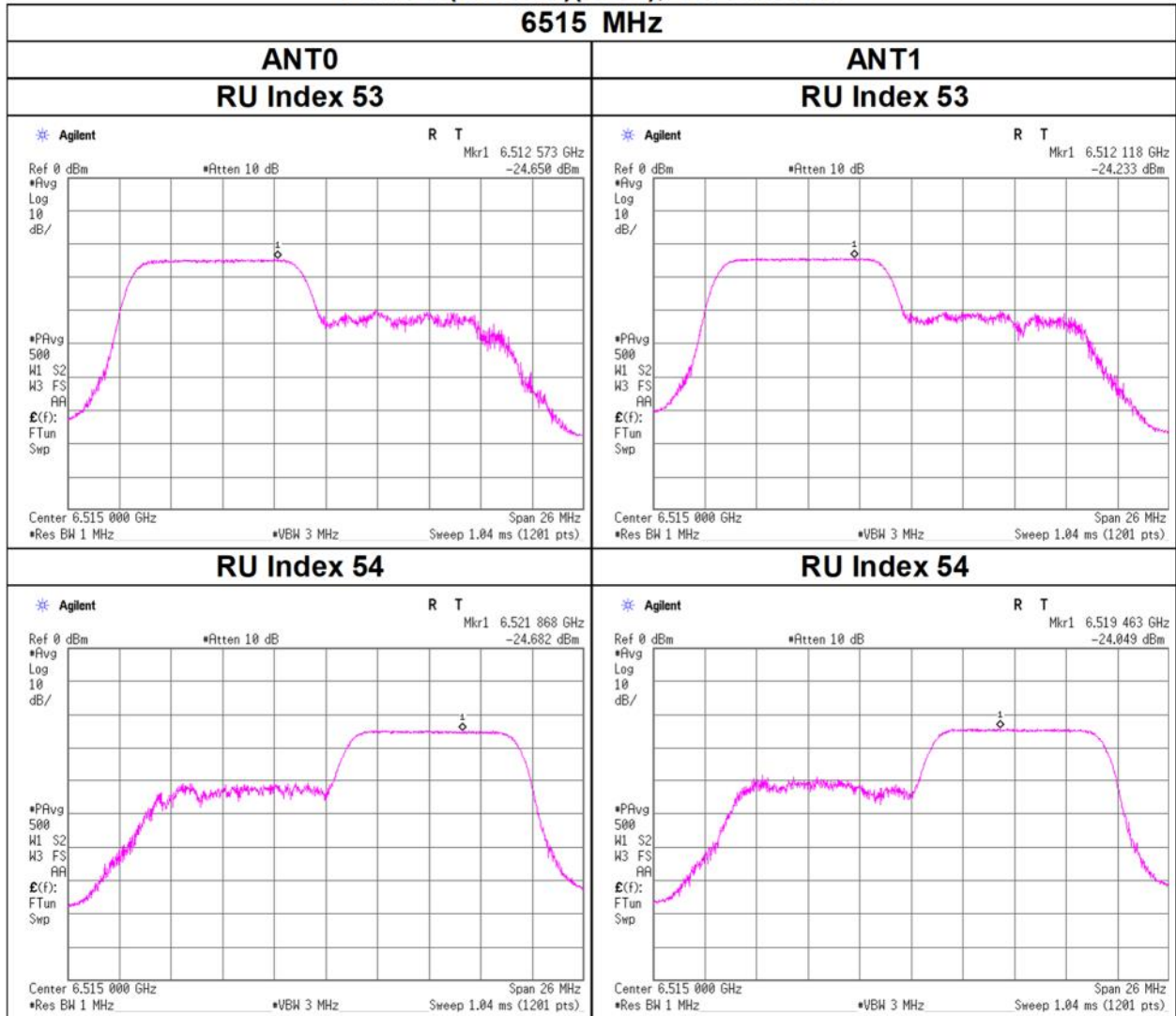
6475 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

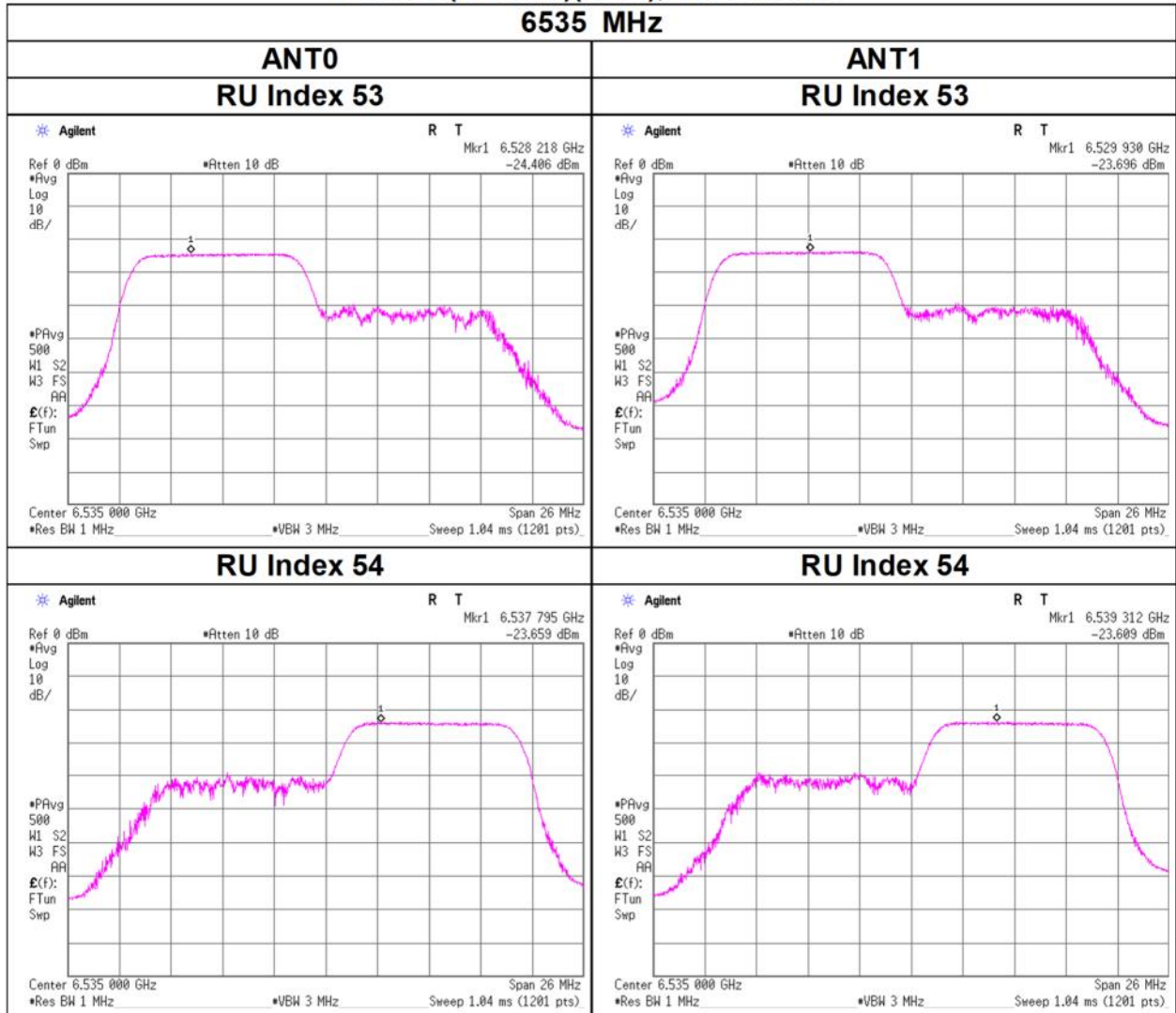
6515 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

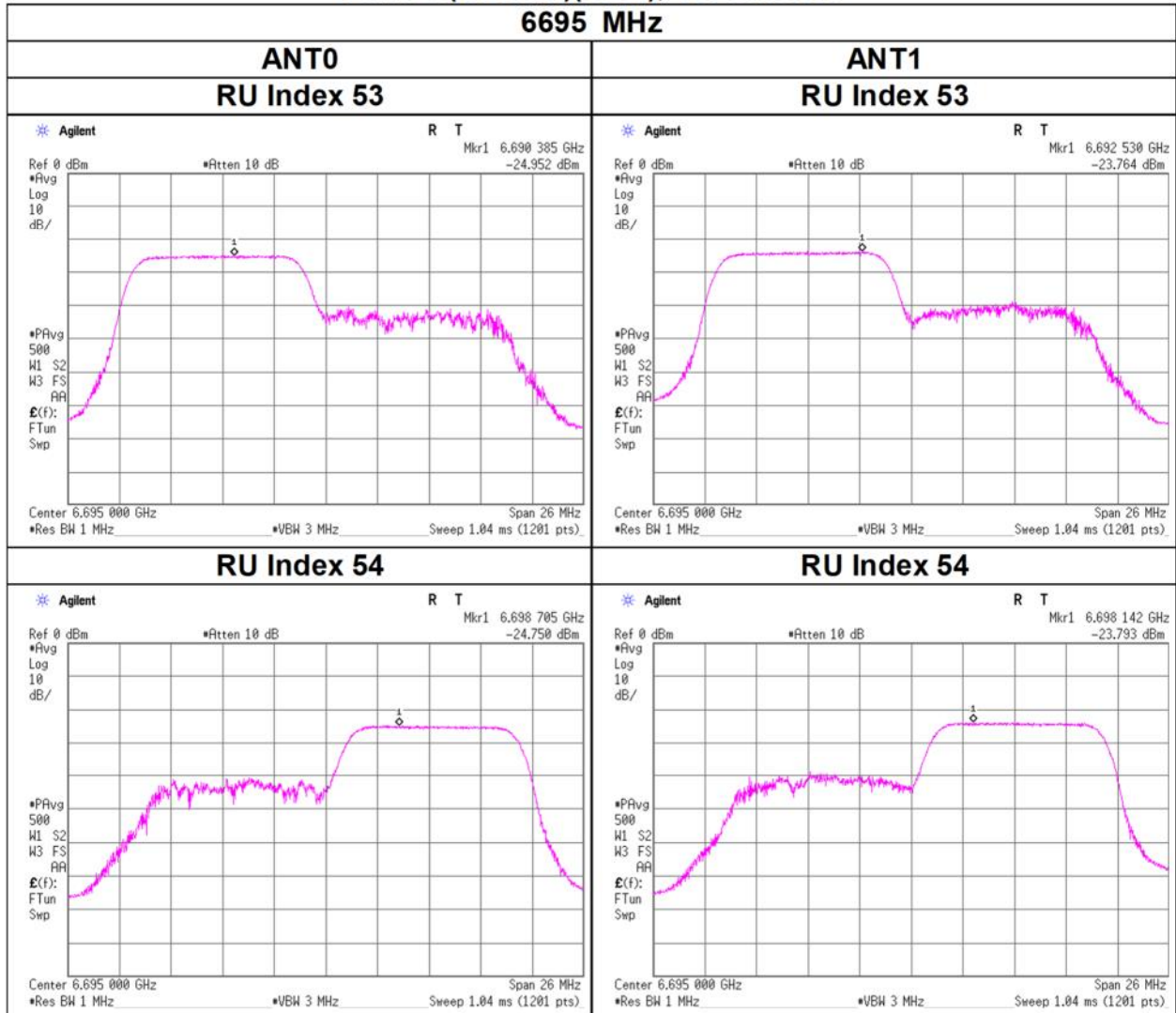
6535 MHz



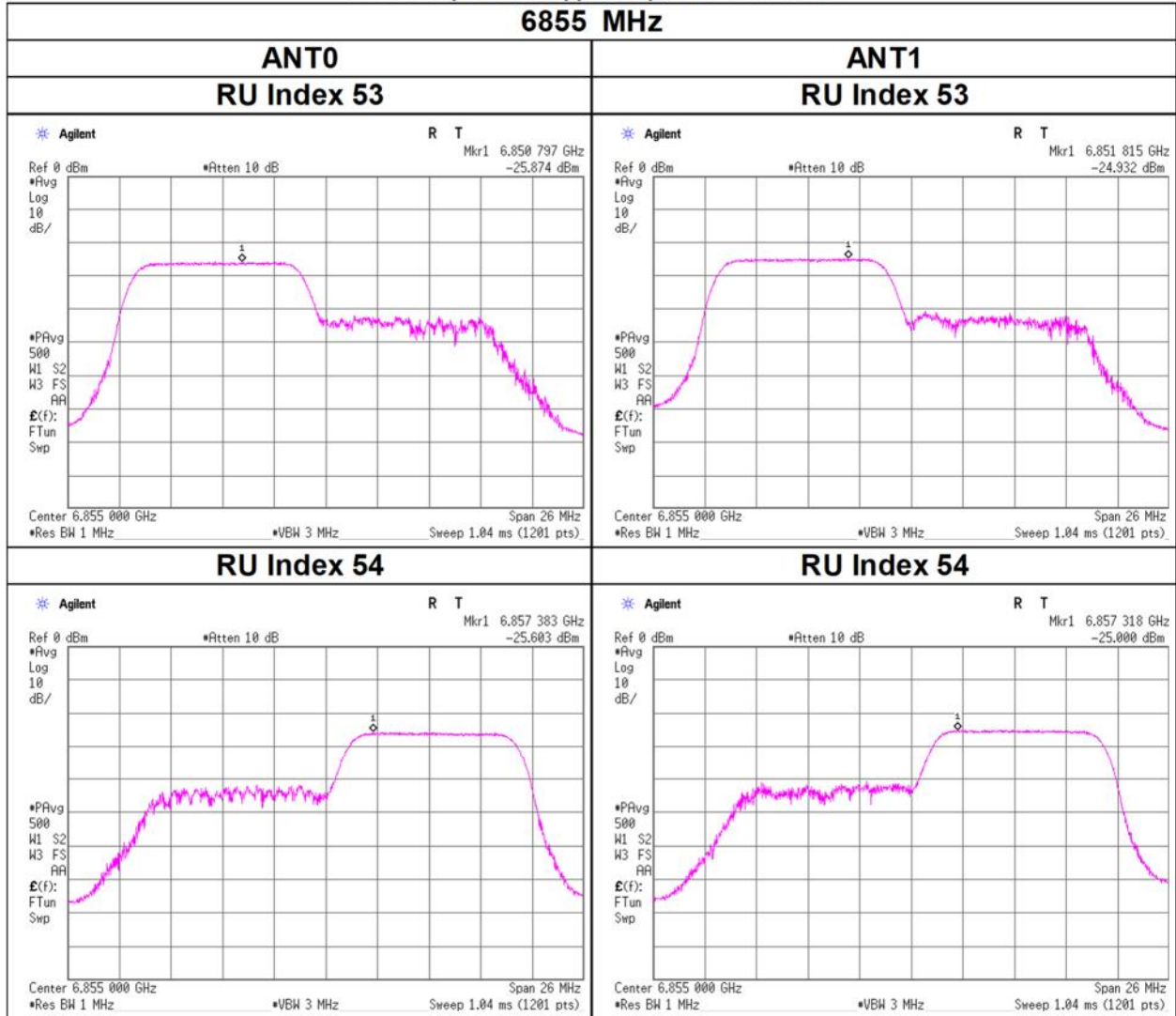
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

6695 MHz



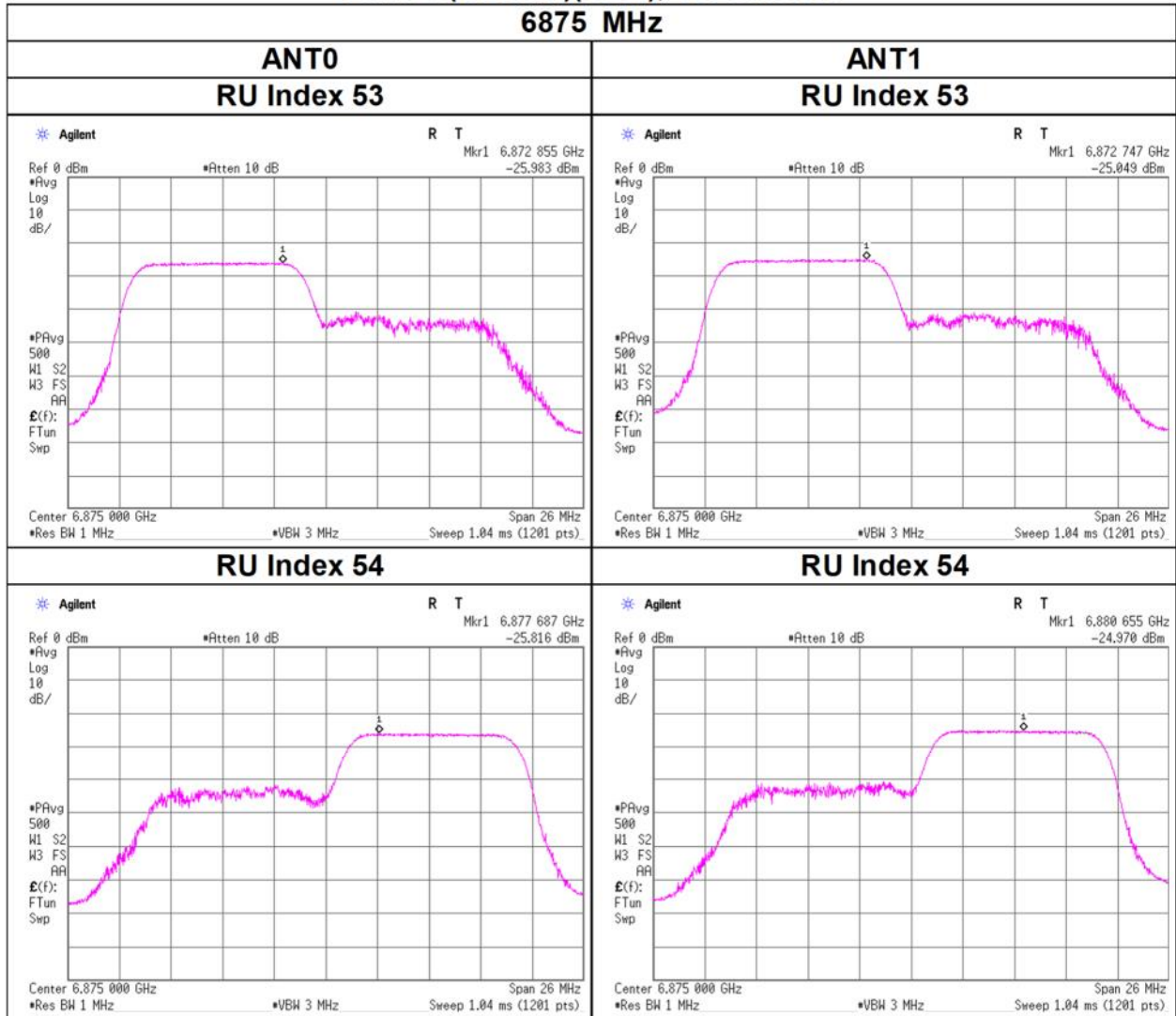
Maximum Power Spectral Density
11ax-20(OFDMA)(CDD), 106-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

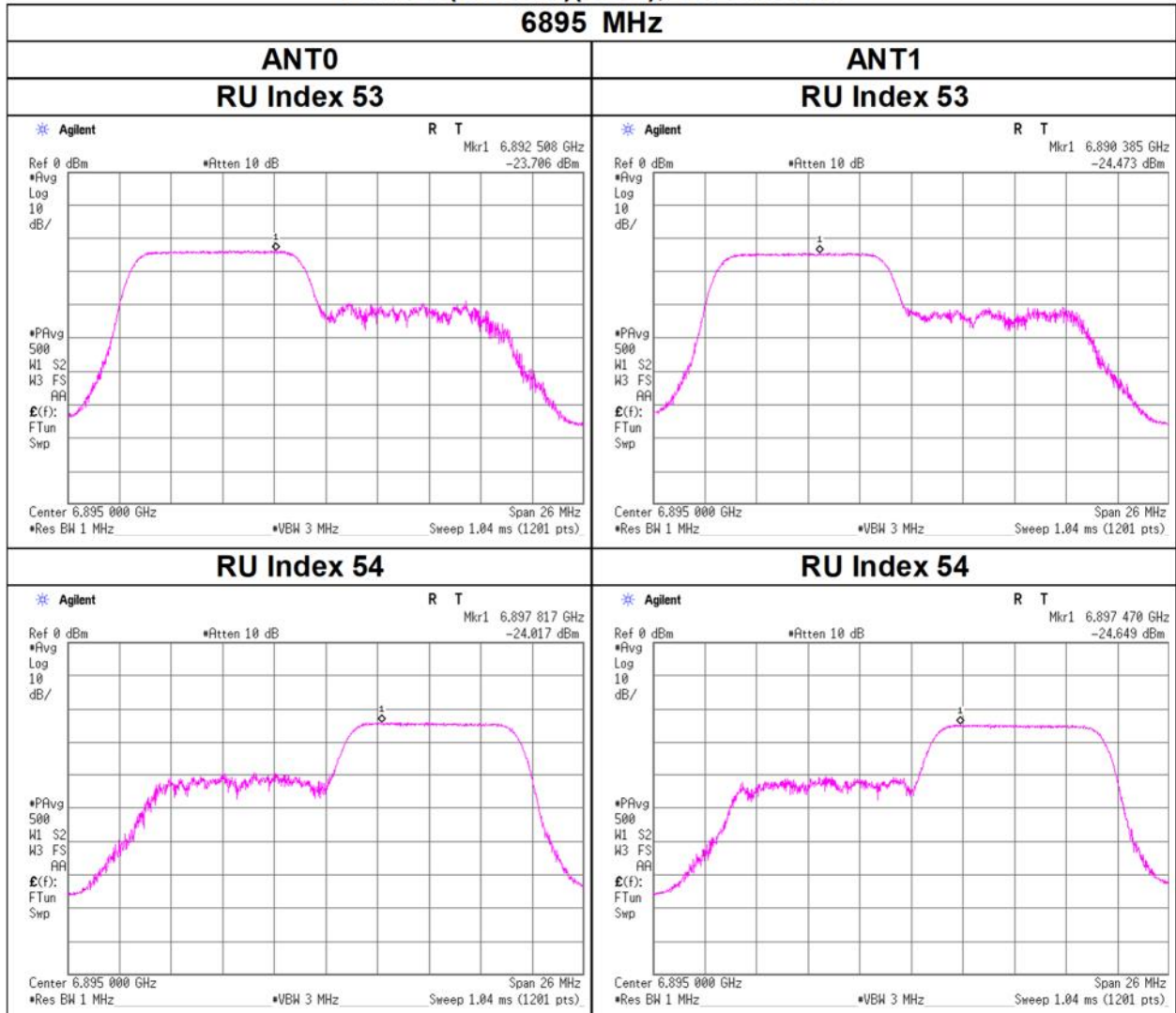
6875 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

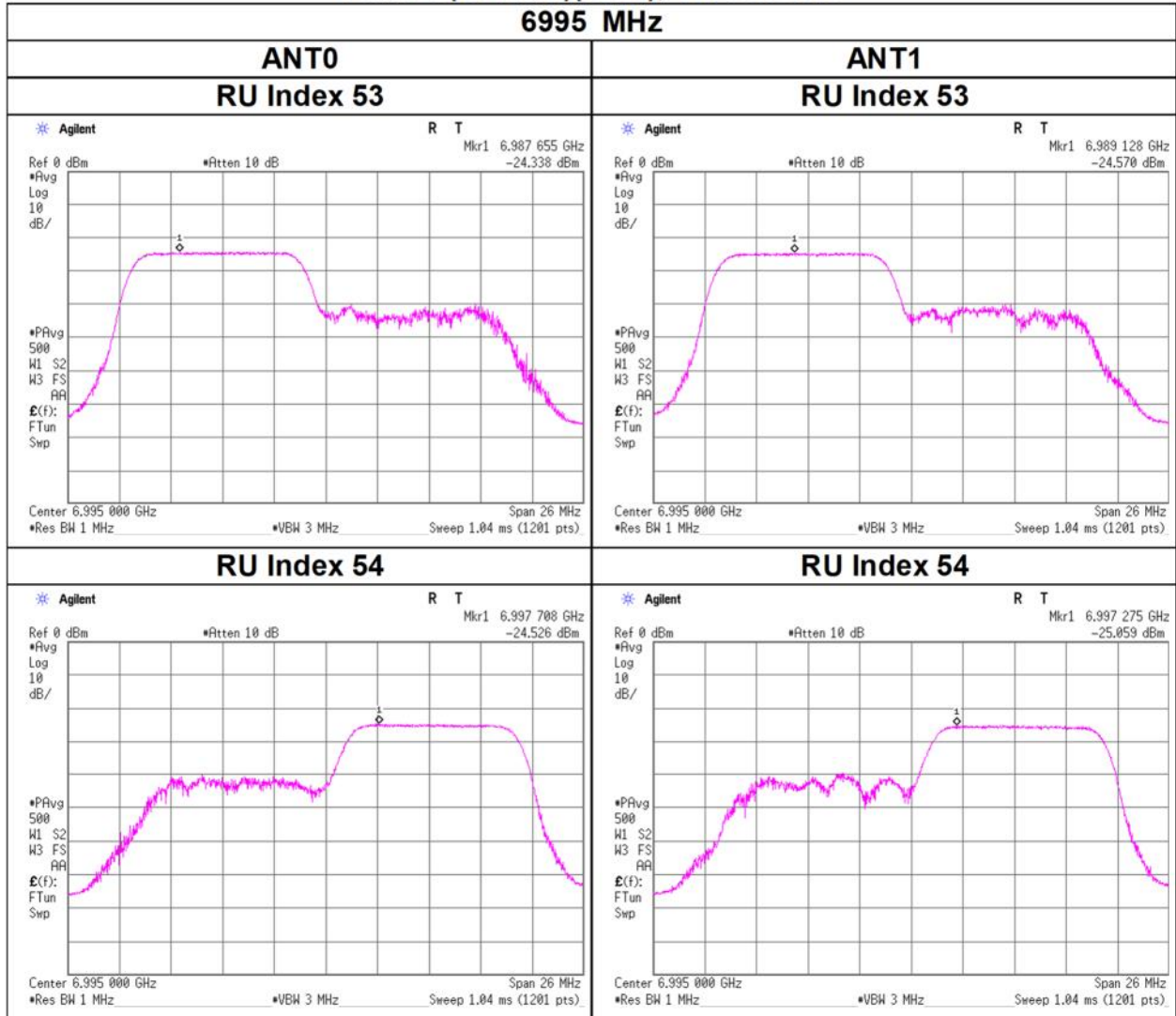
6895 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

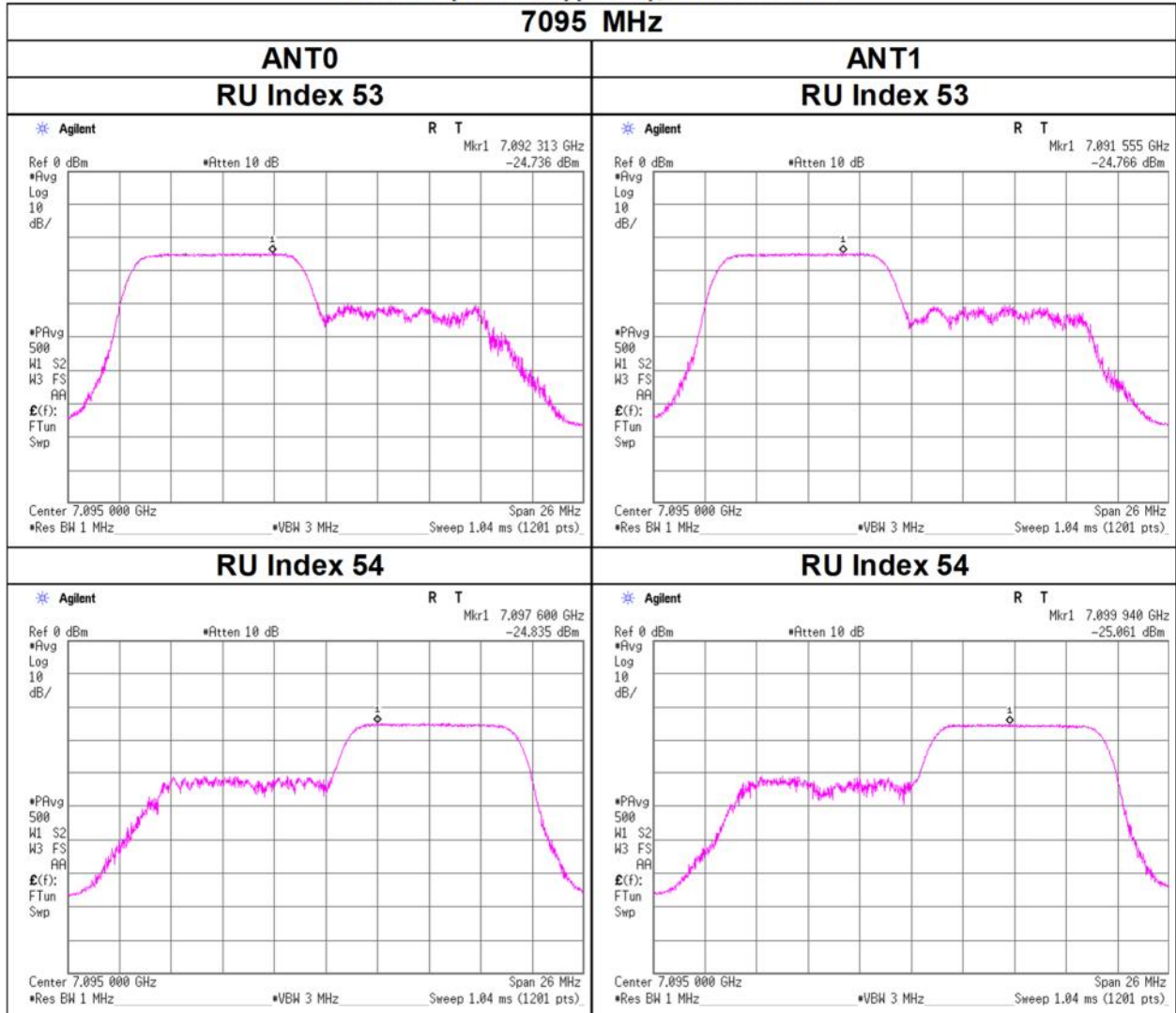
6995 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 106-tone RU

7095 MHz



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 21, 2024
Temperature / Humidity 25 deg. C / 47 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		ANT0	ANT1	Sum				ANT0	ANT1	Sum			
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	61	0.18	0.19	0.37	-4.33	-	-	0.26	0.28	0.53	-2.72	-1.00	1.72
6195	61	0.16	0.18	0.34	-4.64	-	-	0.24	0.26	0.50	-3.03	-1.00	2.03
6415	61	0.18	0.20	0.39	-4.13	-	-	0.26	0.29	0.56	-2.52	-1.00	1.52
6435	61	0.18	0.26	0.44	-3.55	-	-	0.26	0.38	0.64	-1.94	-1.00	0.94
6475	61	0.16	0.25	0.41	-3.88	-	-	0.24	0.36	0.59	-2.27	-1.00	1.27
6515	61	0.17	0.23	0.40	-3.94	-	-	0.25	0.33	0.59	-2.33	-1.00	1.33

ANT0								ANT1						
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result	PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result	PSD Result	
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5955	61	0.07	-19.14	1.36	10.22	1.61	-7.49	-5.88	-18.54	1.33	9.94	1.61	-7.20	-5.59
6195	61	0.07	-19.54	1.39	10.22	1.61	-7.86	-6.25	-18.82	1.36	9.94	1.61	-7.44	-5.83
6415	61	0.07	-19.10	1.41	10.23	1.61	-7.38	-5.77	-18.32	1.39	9.95	1.61	-6.92	-5.31
6435	61	0.07	-19.23	1.41	10.23	1.61	-7.52	-5.91	-17.18	1.39	9.95	1.61	-5.77	-4.16
6475	61	0.07	-19.56	1.42	10.23	1.61	-7.84	-6.23	-17.52	1.39	9.95	1.61	-6.11	-4.50
6515	61	0.07	-19.30	1.42	10.23	1.61	-7.57	-5.96	-17.82	1.40	9.95	1.61	-6.40	-4.79

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss+ Duty Factor

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Antenna Gain

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		ANT0	ANT1	Sum				ANT0	ANT1	Sum			
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6535	61	0.21	0.23	0.44	-3.60	-	-	0.24	0.26	0.50	-3.00	-1.00	2.00
6695	61	0.20	0.24	0.44	-3.58	-	-	0.22	0.28	0.50	-2.98	-1.00	1.98
6855	61	0.16	0.18	0.34	-4.65	-	-	0.18	0.21	0.39	-4.05	-1.00	3.05
6875	61	0.14	0.19	0.33	-4.82	-	-	0.16	0.22	0.38	-4.22	-1.00	3.22
6895	61	0.26	0.22	0.48	-3.17	-	-	0.30	0.26	0.55	-2.57	-1.00	1.57
6995	61	0.21	0.21	0.42	-3.72	-	-	0.24	0.25	0.49	-3.12	-1.00	2.12
7095	61	0.21	0.22	0.44	-3.60	-	-	0.24	0.26	0.50	-3.00	-1.00	2.00

ANT0								ANT1						
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD Result	
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6535	61	0.07	-18.50	1.43	10.23	0.60	-6.77	-6.17	-17.87	1.40	9.95	0.60	-6.45	-5.85
6695	61	0.07	-18.84	1.45	10.23	0.60	-7.09	-6.49	-17.58	1.42	9.95	0.60	-6.14	-5.54
6855	61	0.07	-19.71	1.47	10.23	0.60	-7.94	-7.34	-18.85	1.44	9.95	0.60	-7.39	-6.79
6875	61	0.07	-20.27	1.47	10.23	0.60	-8.50	-7.90	-18.72	1.44	9.95	0.60	-7.25	-6.65
6895	61	0.07	-17.64	1.47	10.23	0.60	-5.87	-5.27	-18.00	1.45	9.95	0.60	-6.53	-5.93
6995	61	0.07	-18.56	1.48	10.23	0.60	-6.78	-6.18	-18.17	1.46	9.96	0.60	-6.68	-6.08
7095	61	0.07	-18.51	1.49	10.23	0.60	-6.72	-6.12	-18.00	1.47	9.96	0.60	-6.51	-5.91

Sample Calculation:

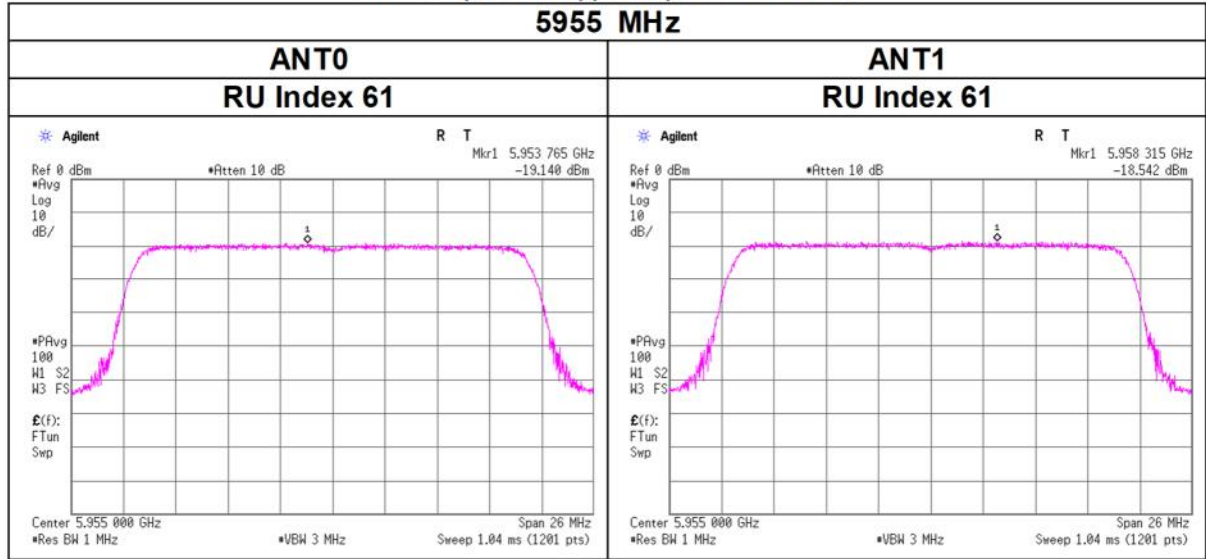
PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss+ Duty Factor

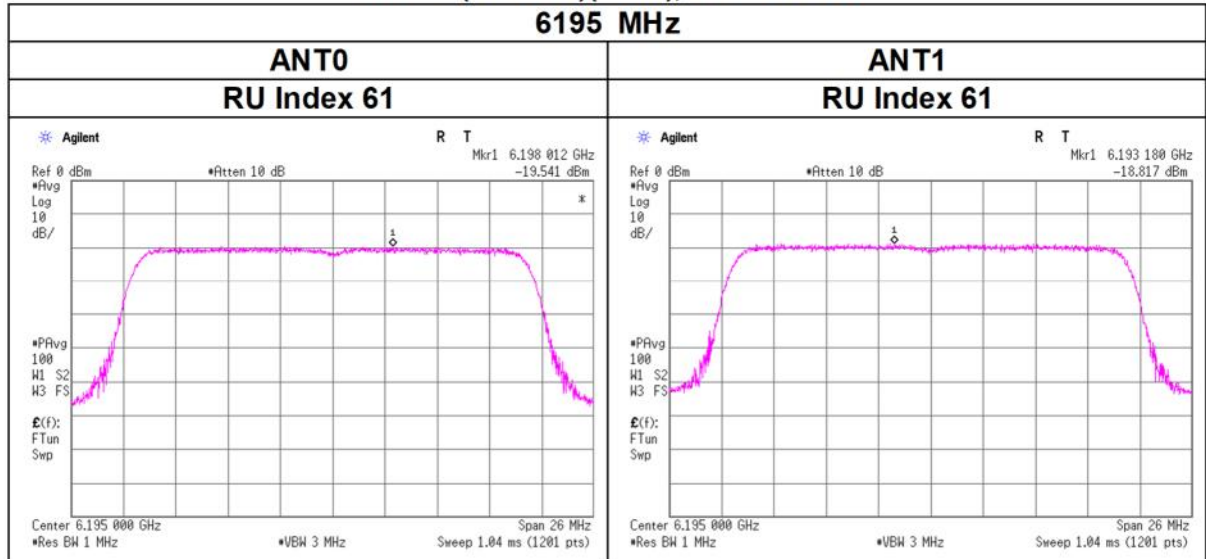
PSD (e.i.r.p.) Result = PSD (Conducted) Result + Antenna Gain

Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 242-tone RU

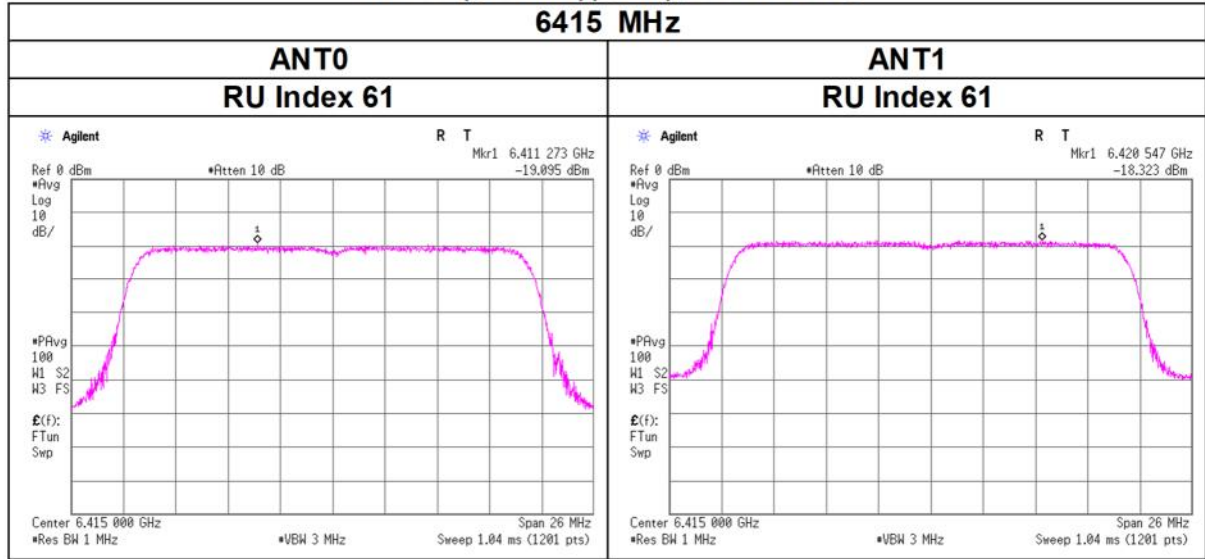


11ax-20(OFDMA)(SDM), 242-tone RU

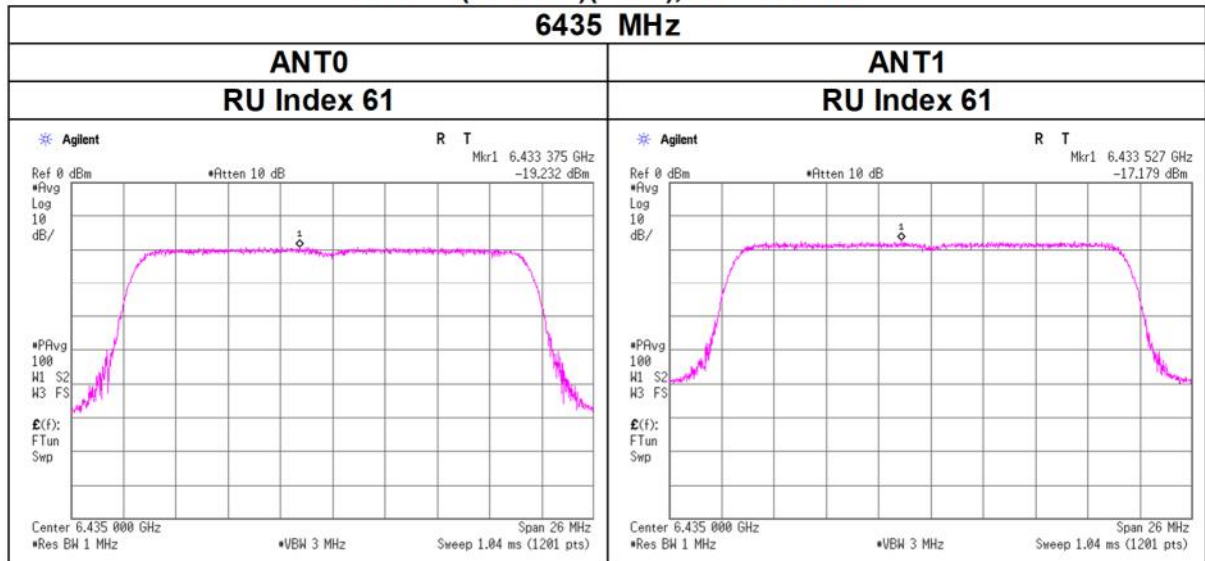


Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 242-tone RU

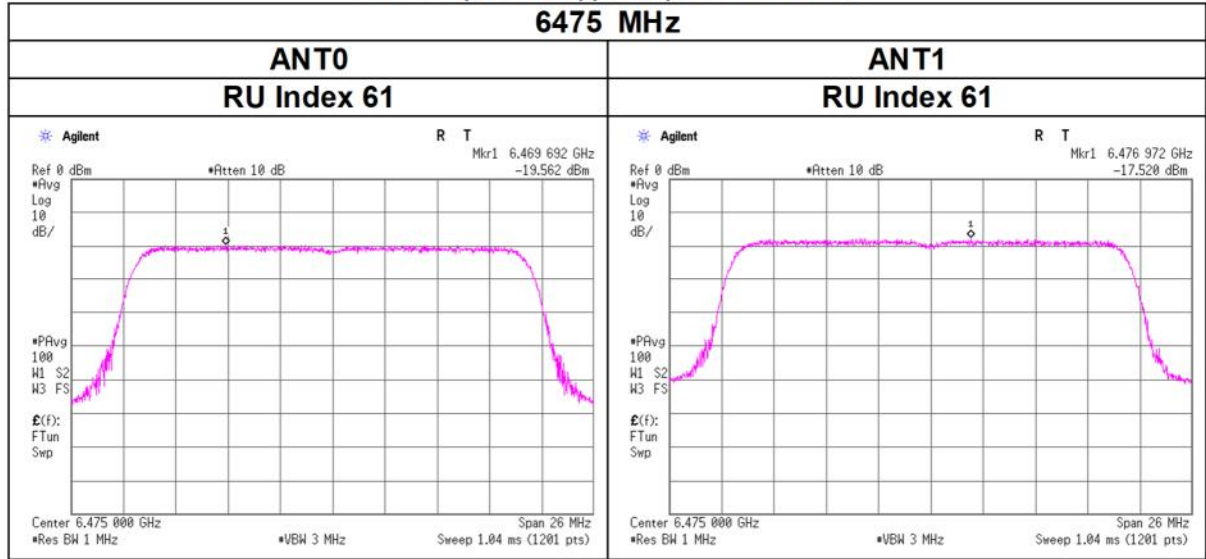


11ax-20(OFDMA)(SDM), 242-tone RU

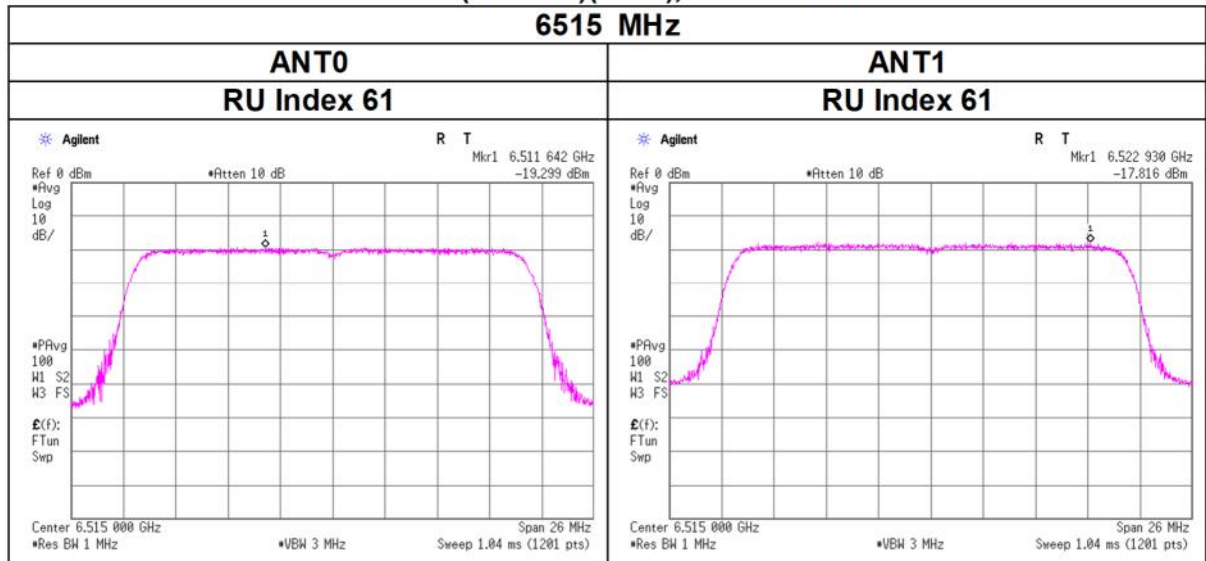


Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 242-tone RU

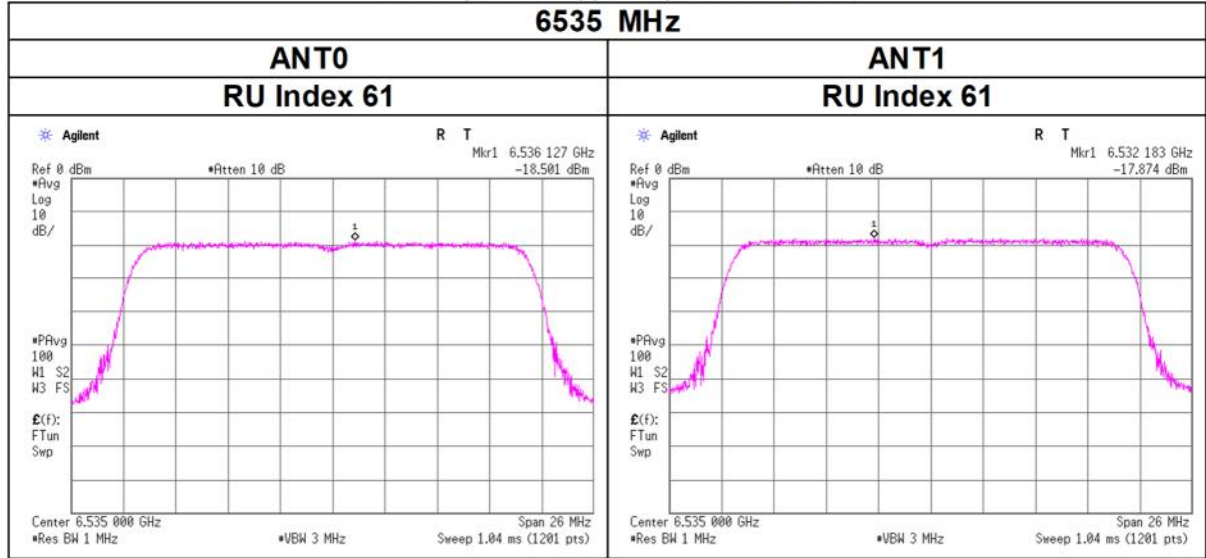


11ax-20(OFDMA)(SDM), 242-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 242-tone RU



11ax-20(OFDMA)(SDM), 242-tone RU

