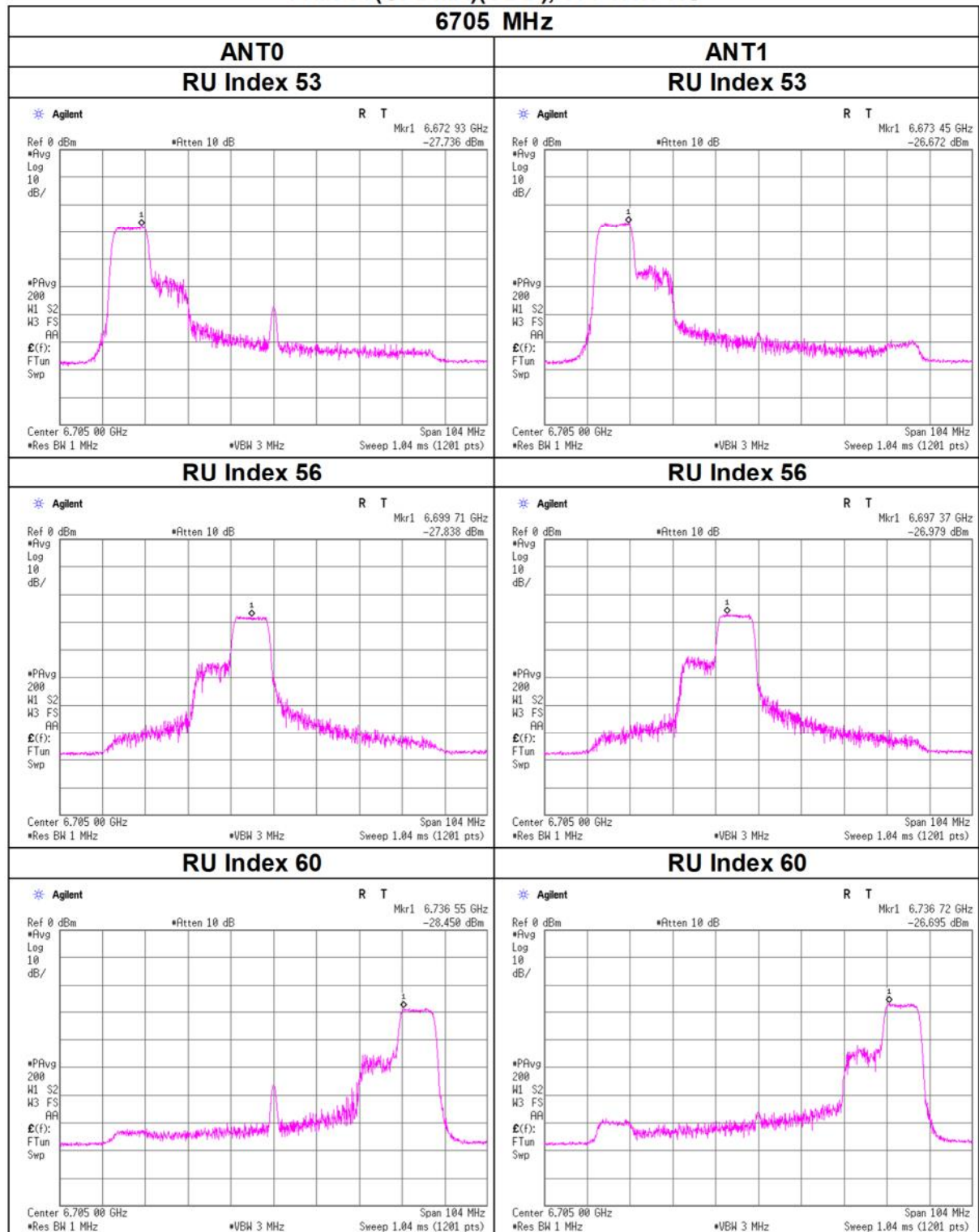


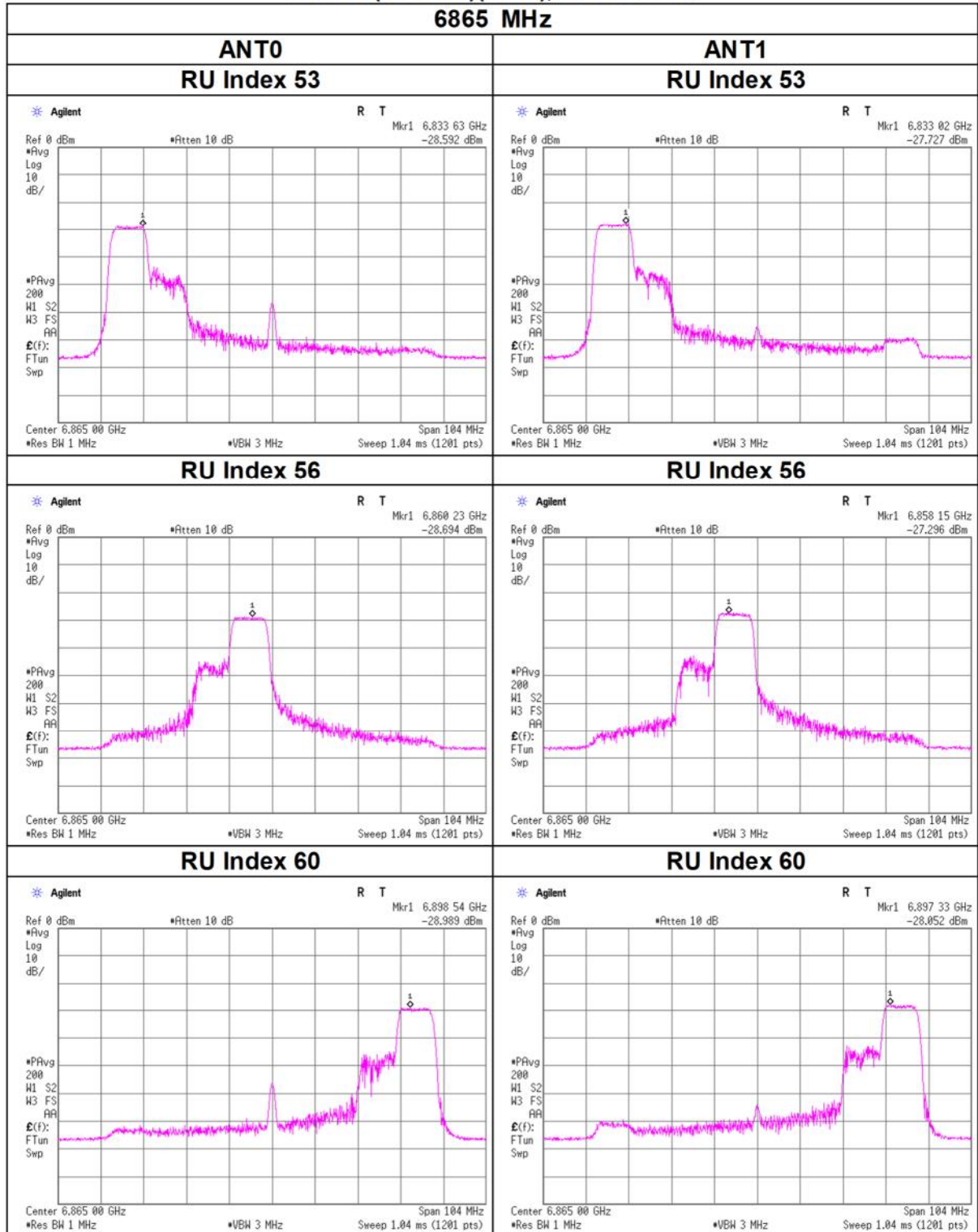
Maximum Power Spectral Density

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



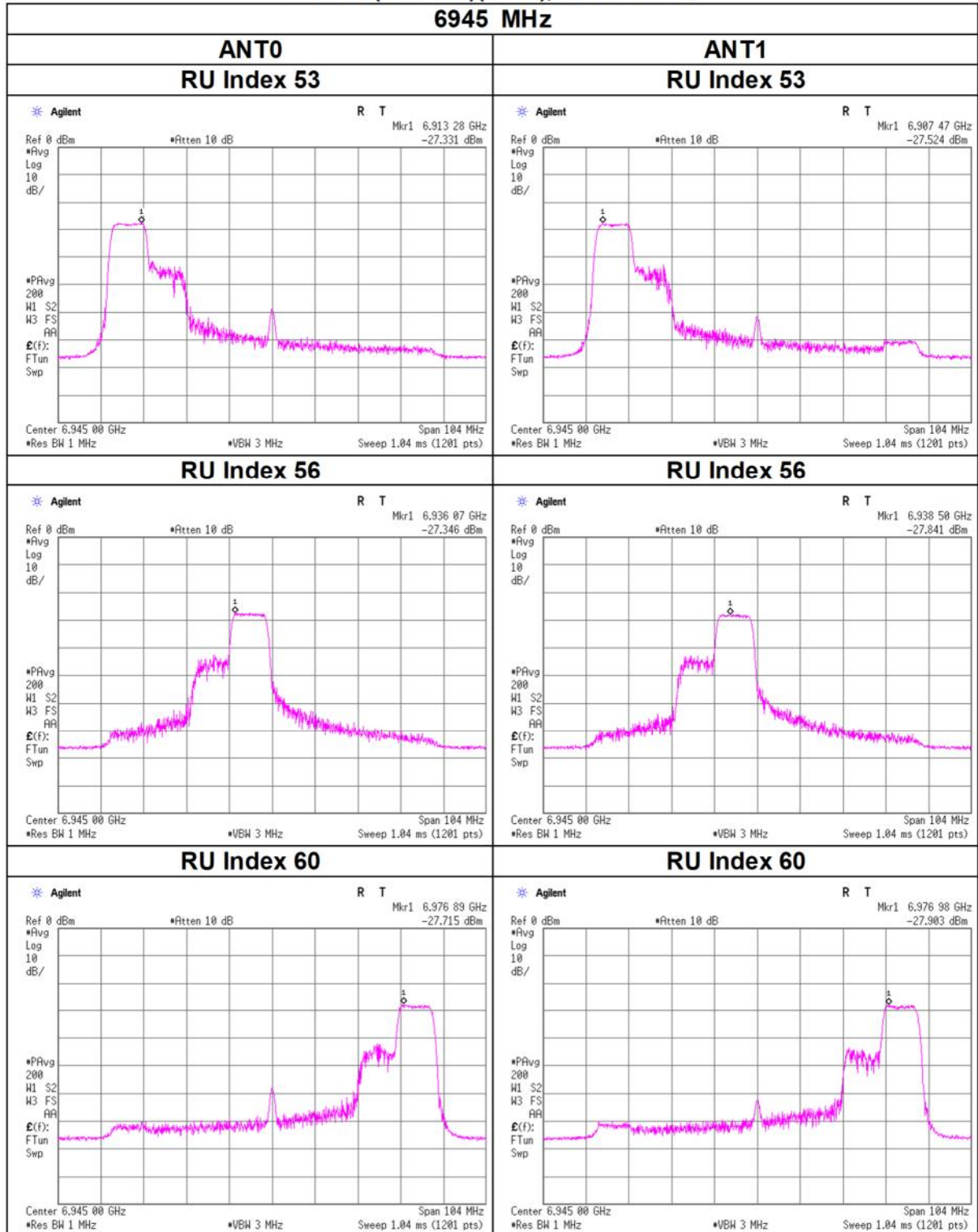
Maximum Power Spectral Density

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



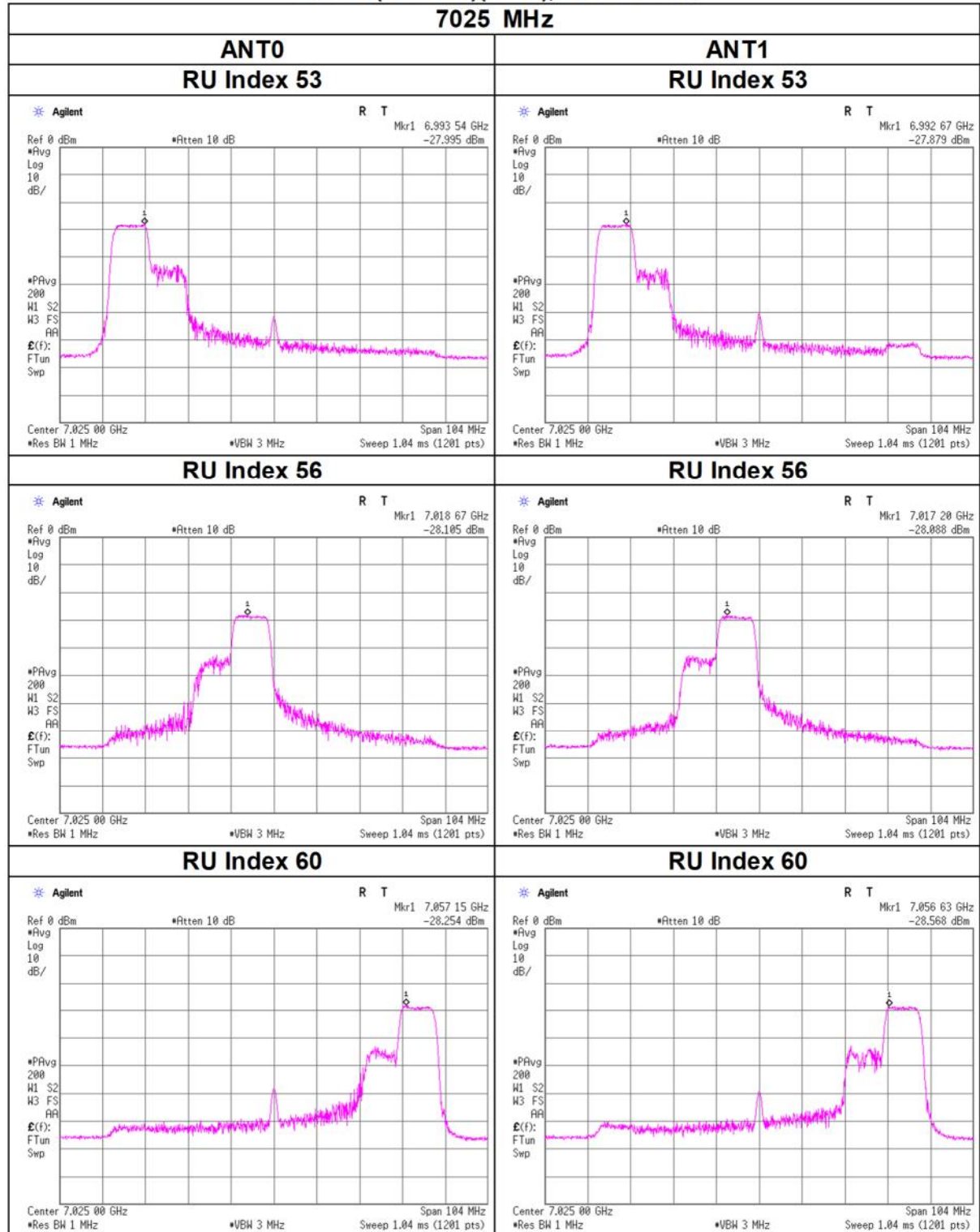
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date April 25, 2024
Temperature / Humidity 24 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 242-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]
5985	61	0.06	0.07	0.14	-8.69	-	-	0.09	0.10	0.20	-7.08	-1.00	6.08
	62	0.07	0.08	0.14	-8.39	-	-	0.10	0.11	0.21	-6.78	-1.00	5.78
	64	0.07	0.07	0.14	-8.58	-	-	0.10	0.10	0.20	-6.97	-1.00	5.97
6225	61	0.07	0.08	0.15	-8.20	-	-	0.10	0.12	0.22	-6.59	-1.00	5.59
	62	0.07	0.08	0.15	-8.27	-	-	0.10	0.12	0.22	-6.66	-1.00	5.66
	64	0.07	0.07	0.14	-8.48	-	-	0.10	0.11	0.21	-6.87	-1.00	5.87
6385	61	0.08	0.08	0.16	-7.94	-	-	0.12	0.12	0.23	-6.33	-1.00	5.33
	62	0.06	0.08	0.14	-8.50	-	-	0.09	0.11	0.20	-6.89	-1.00	5.89
	64	0.07	0.09	0.16	-8.06	-	-	0.10	0.12	0.23	-6.45	-1.00	5.45
6465	61	0.07	0.12	0.18	-7.34	-	-	0.10	0.17	0.27	-5.73	-1.00	4.73
	62	0.06	0.12	0.18	-7.52	-	-	0.08	0.17	0.26	-5.91	-1.00	4.91
	64	0.07	0.11	0.18	-7.45	-	-	0.10	0.16	0.26	-5.84	-1.00	4.84

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]
5985	61	0.08	-25.22	3.27	9.98	1.61	-11.88	-10.27	-25.01	3.30	10.10	1.61	-11.54	-9.93
	62	0.08	-24.92	3.27	9.98	1.61	-11.59	-9.98	-24.69	3.30	10.10	1.61	-11.22	-9.61
	64	0.08	-24.91	3.27	9.98	1.61	-11.58	-9.97	-25.08	3.30	10.10	1.61	-11.60	-9.99
6225	61	0.08	-25.11	3.34	9.98	1.61	-11.70	-10.09	-24.32	3.36	10.10	1.61	-10.78	-9.17
	62	0.08	-25.20	3.34	9.98	1.61	-11.79	-10.18	-24.38	3.36	10.10	1.61	-10.83	-9.22
	64	0.08	-25.14	3.34	9.98	1.61	-11.73	-10.12	-24.81	3.36	10.10	1.61	-11.27	-9.66
6385	61	0.08	-24.45	3.39	9.99	1.61	-11.00	-9.39	-24.50	3.41	10.11	1.61	-10.91	-9.30
	62	0.08	-25.44	3.39	9.99	1.61	-11.99	-10.38	-24.67	3.41	10.11	1.61	-11.07	-9.46
	64	0.08	-24.98	3.39	9.99	1.61	-11.53	-9.92	-24.25	3.41	10.11	1.61	-10.66	-9.05
6465	61	0.08	-25.09	3.41	9.99	1.61	-11.61	-10.00	-22.99	3.43	10.11	1.61	-9.37	-7.76
	62	0.08	-25.89	3.41	9.99	1.61	-12.42	-10.81	-22.84	3.43	10.11	1.61	-9.22	-7.61
	64	0.08	-24.89	3.41	9.99	1.61	-11.42	-9.81	-23.30	3.43	10.11	1.61	-9.68	-8.07

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 April 25, 2024
Temperature / Humidity 24 deg. C / 35 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 242-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 [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Antenna			Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
6545	61	0.10	0.10	0.19	-7.15	-	-	0.11	0.11	0.22	-6.55	-1.00	5.55
	62	0.12	0.11	0.23	-6.32	-	-	0.14	0.13	0.27	-5.72	-1.00	4.72
	64	0.08	0.09	0.17	-7.58	-	-	0.10	0.11	0.20	-6.98	-1.00	5.98
6625	61	0.08	0.10	0.18	-7.48	-	-	0.10	0.11	0.20	-6.88	-1.00	5.88
	62	0.09	0.10	0.19	-7.21	-	-	0.10	0.12	0.22	-6.61	-1.00	5.61
	64	0.08	0.09	0.17	-7.59	-	-	0.10	0.10	0.20	-6.99	-1.00	5.99
6705	61	0.07	0.09	0.16	-8.00	-	-	0.08	0.10	0.18	-7.40	-1.00	6.40
	62	0.09	0.09	0.17	-7.61	-	-	0.10	0.10	0.20	-7.01	-1.00	6.01
	64	0.07	0.09	0.16	-8.06	-	-	0.08	0.10	0.18	-7.46	-1.00	6.46
6865	61	0.07	0.08	0.14	-8.40	-	-	0.08	0.09	0.17	-7.80	-1.00	6.80
	62	0.07	0.07	0.15	-8.34	-	-	0.08	0.08	0.17	-7.74	-1.00	6.74
	64	0.06	0.07	0.14	-8.69	-	-	0.07	0.09	0.16	-8.09	-1.00	7.09
6945	61	0.09	0.08	0.16	-7.91	-	-	0.10	0.09	0.19	-7.31	-1.00	6.31
	62	0.08	0.07	0.15	-8.30	-	-	0.09	0.08	0.17	-7.70	-1.00	6.70
	64	0.08	0.07	0.16	-8.01	-	-	0.10	0.08	0.18	-7.41	-1.00	6.41
7025	61	0.07	0.07	0.14	-8.63	-	-	0.08	0.08	0.16	-8.03	-1.00	7.03
	62	0.07	0.06	0.13	-8.84	-	-	0.08	0.07	0.15	-8.24	-1.00	7.24
	64	0.07	0.06	0.13	-8.70	-	-	0.08	0.07	0.15	-8.10	-1.00	7.10

			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]
6545	61	0.08	-23.65	3.43	9.99	0.60	-10.15	-9.55	-23.81	3.45	10.11	0.60	-10.17	-9.57
	62	0.08	-22.73	3.43	9.99	0.60	-9.23	-8.63	-23.08	3.45	10.11	0.60	-9.44	-8.84
	64	0.08	-24.31	3.43	9.99	0.60	-10.81	-10.21	-24.02	3.45	10.11	0.60	-10.38	-9.78
6625	61	0.08	-24.31	3.45	9.99	0.60	-10.79	-10.19	-23.89	3.47	10.11	0.60	-10.22	-9.62
	62	0.08	-24.21	3.45	9.99	0.60	-10.69	-10.09	-23.46	3.47	10.11	0.60	-9.79	-9.19
	64	0.08	-24.28	3.45	9.99	0.60	-10.76	-10.16	-24.12	3.47	10.11	0.60	-10.45	-9.85
6705	61	0.08	-25.08	3.47	9.99	0.60	-11.53	-10.93	-24.23	3.50	10.12	0.60	-10.54	-9.94
	62	0.08	-24.22	3.47	9.99	0.60	-10.68	-10.08	-24.26	3.50	10.12	0.60	-10.57	-9.97
	64	0.08	-25.04	3.47	9.99	0.60	-11.50	-10.90	-24.36	3.50	10.12	0.60	-10.67	-10.07
6865	61	0.08	-25.38	3.52	9.99	0.60	-11.79	-11.19	-24.80	3.54	10.12	0.60	-11.07	-10.47
	62	0.08	-24.96	3.52	9.99	0.60	-11.37	-10.77	-25.06	3.54	10.12	0.60	-11.33	-10.73
	64	0.08	-25.77	3.52	9.99	0.60	-12.18	-11.58	-25.02	3.54	10.12	0.60	-11.28	-10.68
6945	61	0.08	-24.27	3.54	9.99	0.60	-10.66	-10.06	-24.97	3.56	10.12	0.60	-11.21	-10.61
	62	0.08	-24.51	3.54	9.99	0.60	-10.90	-10.30	-25.54	3.56	10.12	0.60	-11.78	-11.18
	64	0.08	-24.37	3.54	9.99	0.60	-10.75	-10.15	-25.07	3.56	10.12	0.60	-11.31	-10.71
7025	61	0.08	-25.30	3.56	9.99	0.60	-11.67	-11.07	-25.40	3.58	10.12	0.60	-11.61	-11.01
	62	0.08	-25.39	3.56	9.99	0.60	-11.75	-11.15	-25.73	3.58	10.12	0.60	-11.94	-11.34
	64	0.08	-25.18	3.56	9.99	0.60	-11.55	-10.95	-25.67	3.58	10.12	0.60	-11.89	-11.29

Sample Calculation:

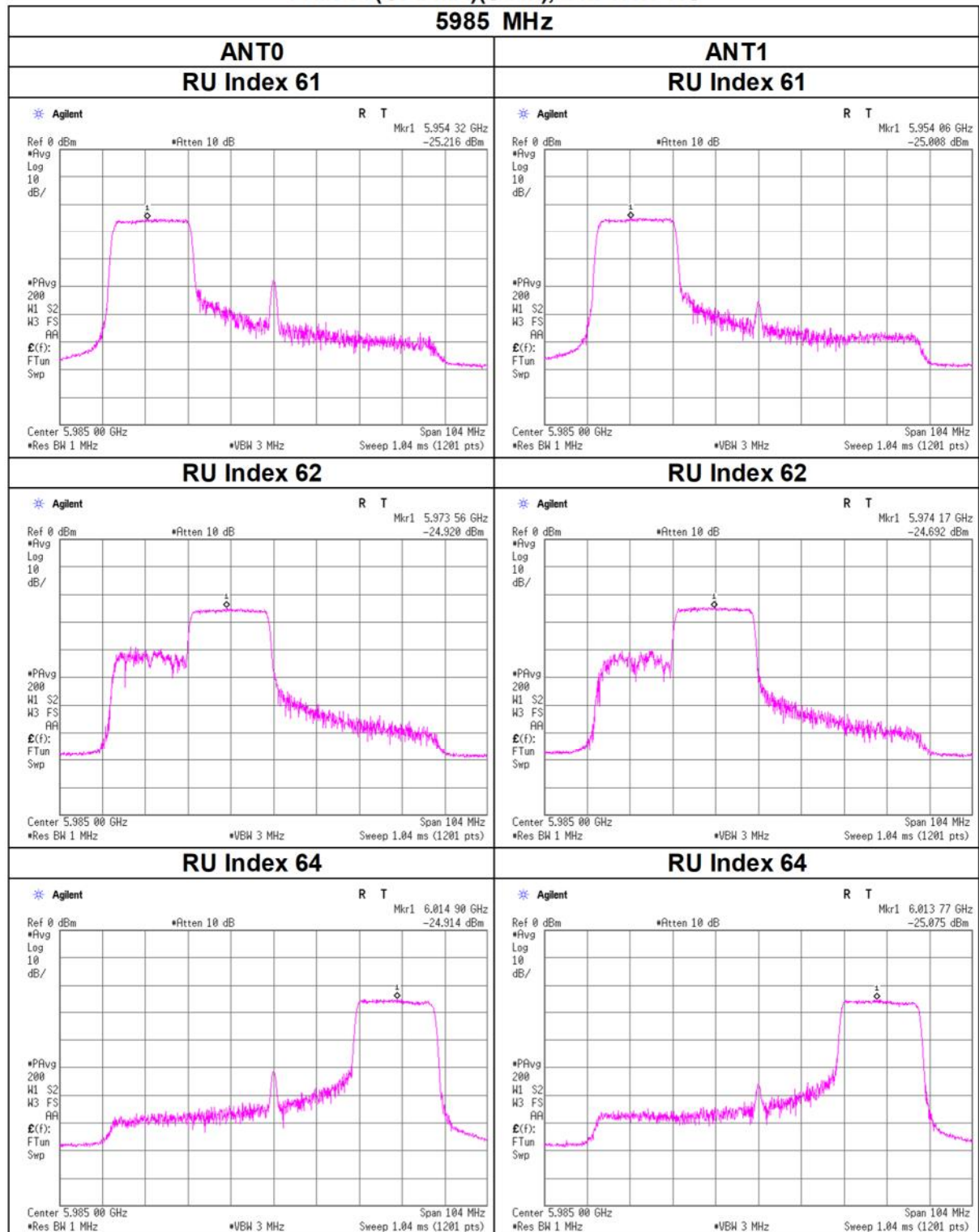
PSD: Power Spectral Density

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

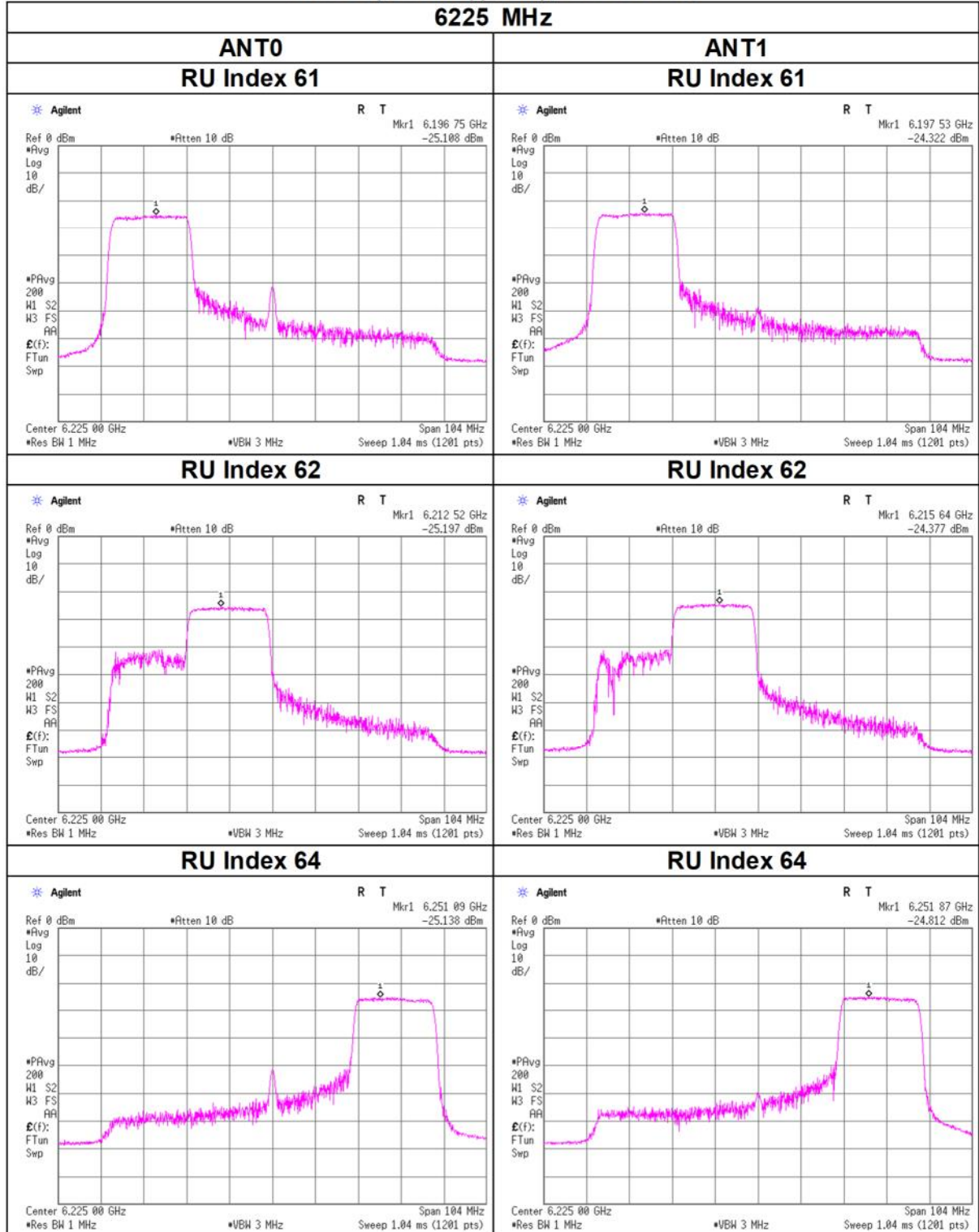
Maximum Power Spectral Density

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



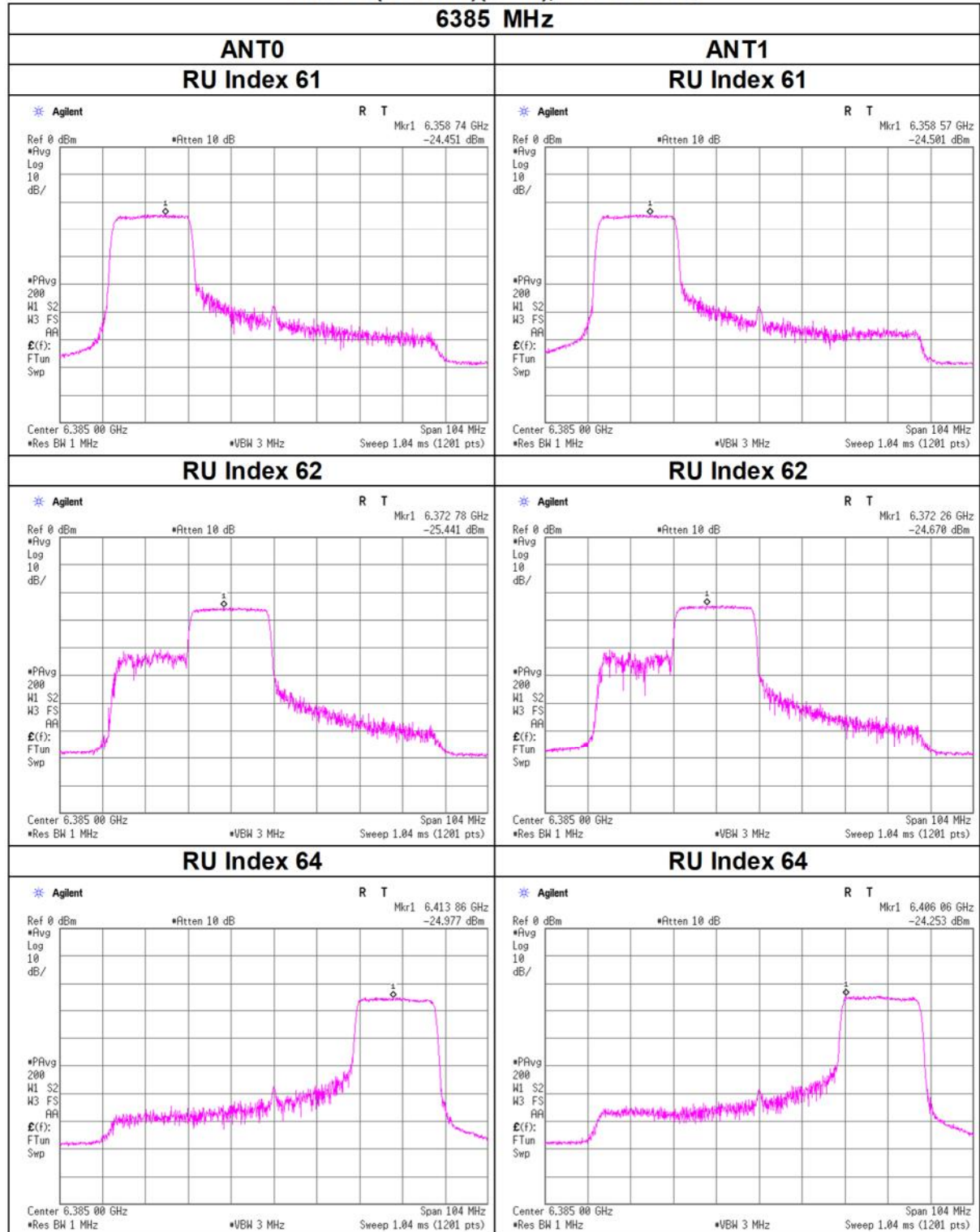
Maximum Power Spectral Density

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



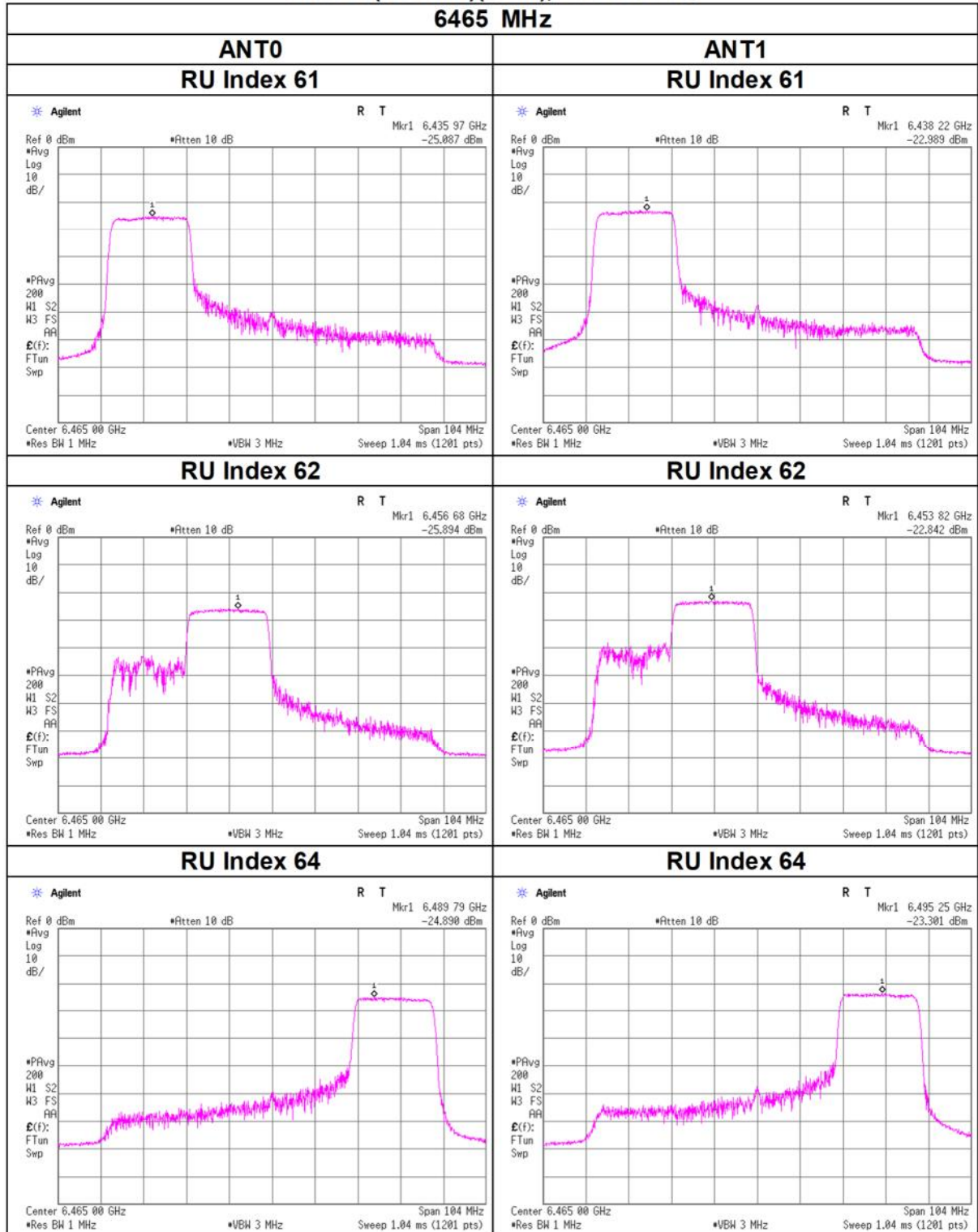
Maximum Power Spectral Density

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



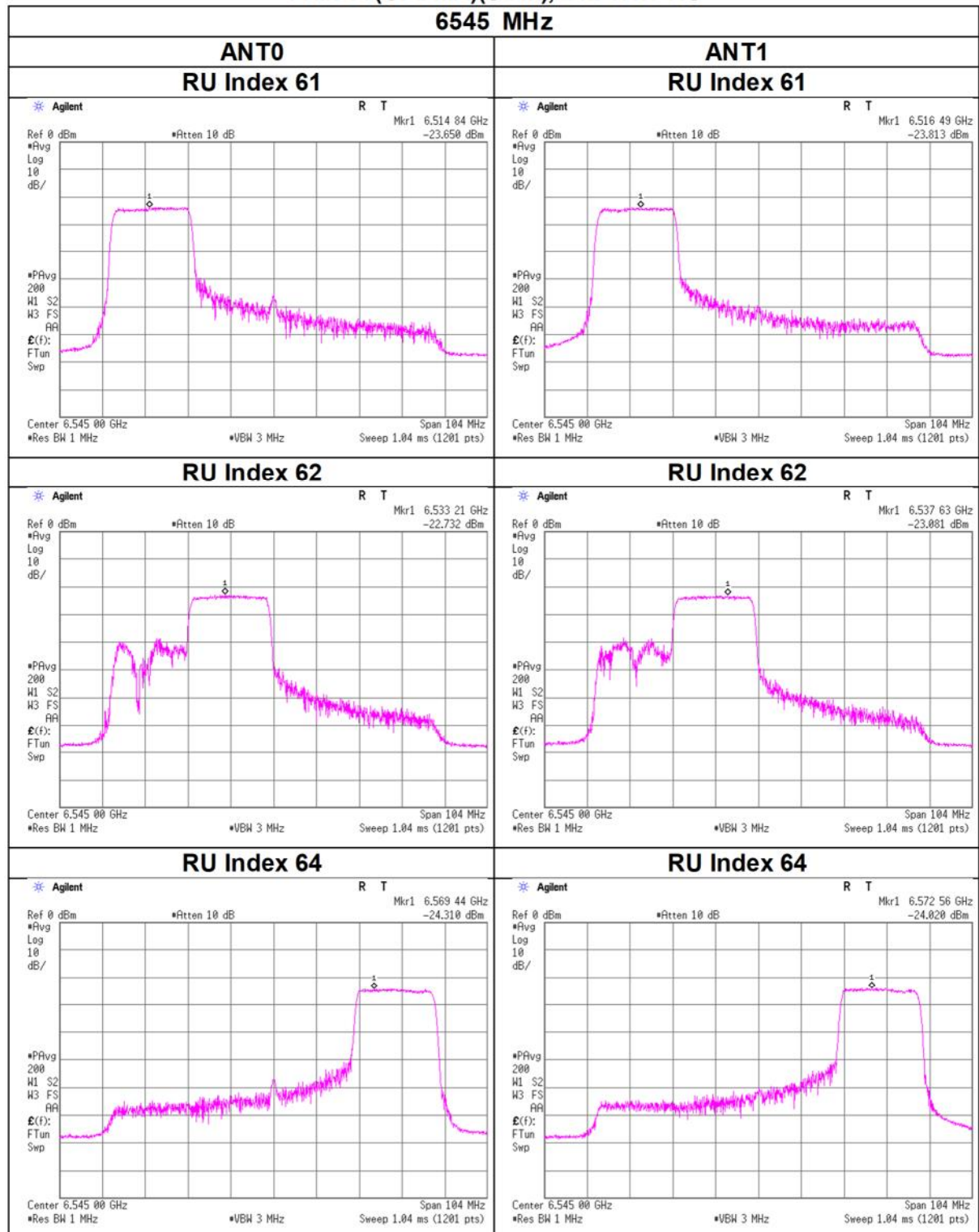
Maximum Power Spectral Density

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



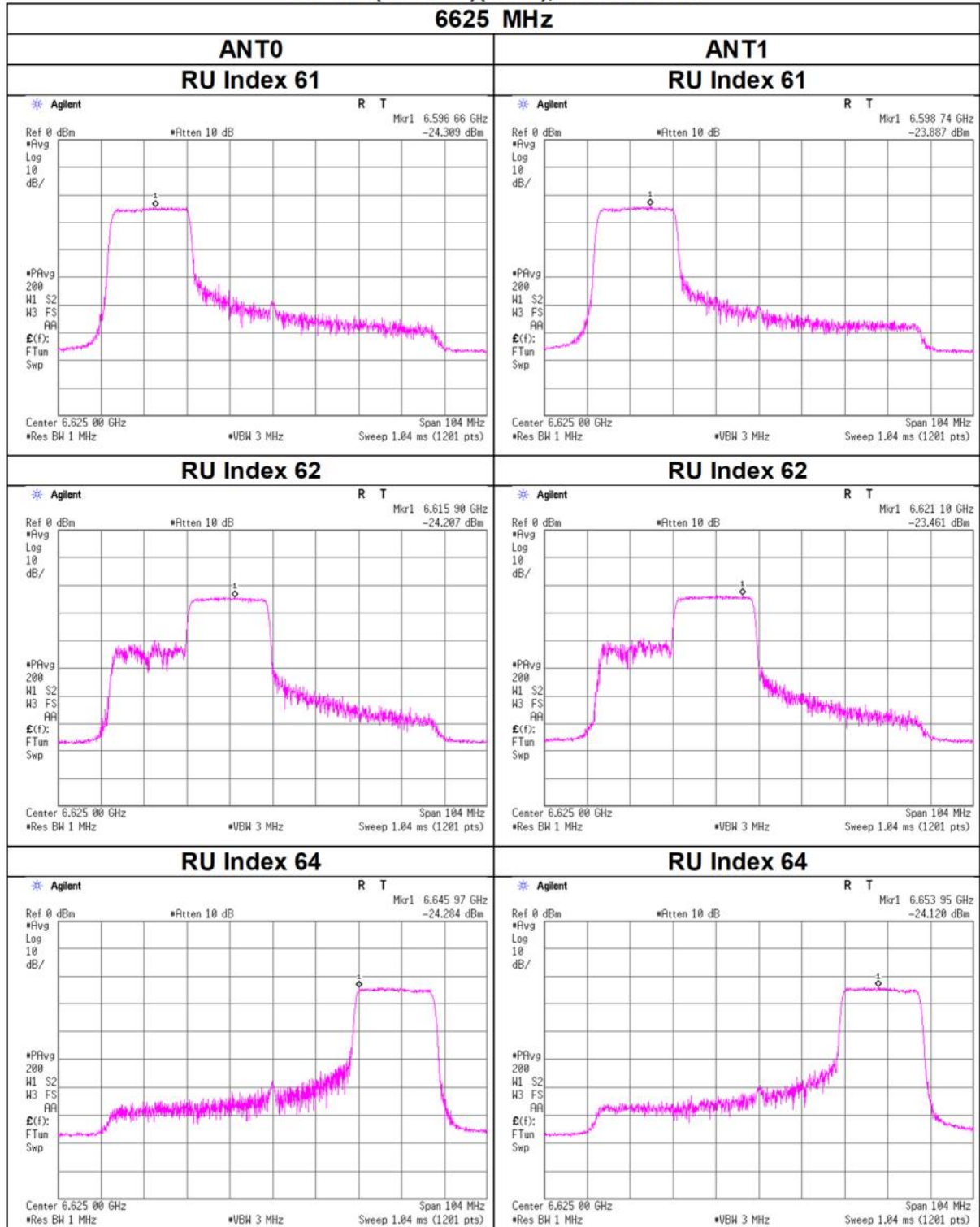
Maximum Power Spectral Density

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



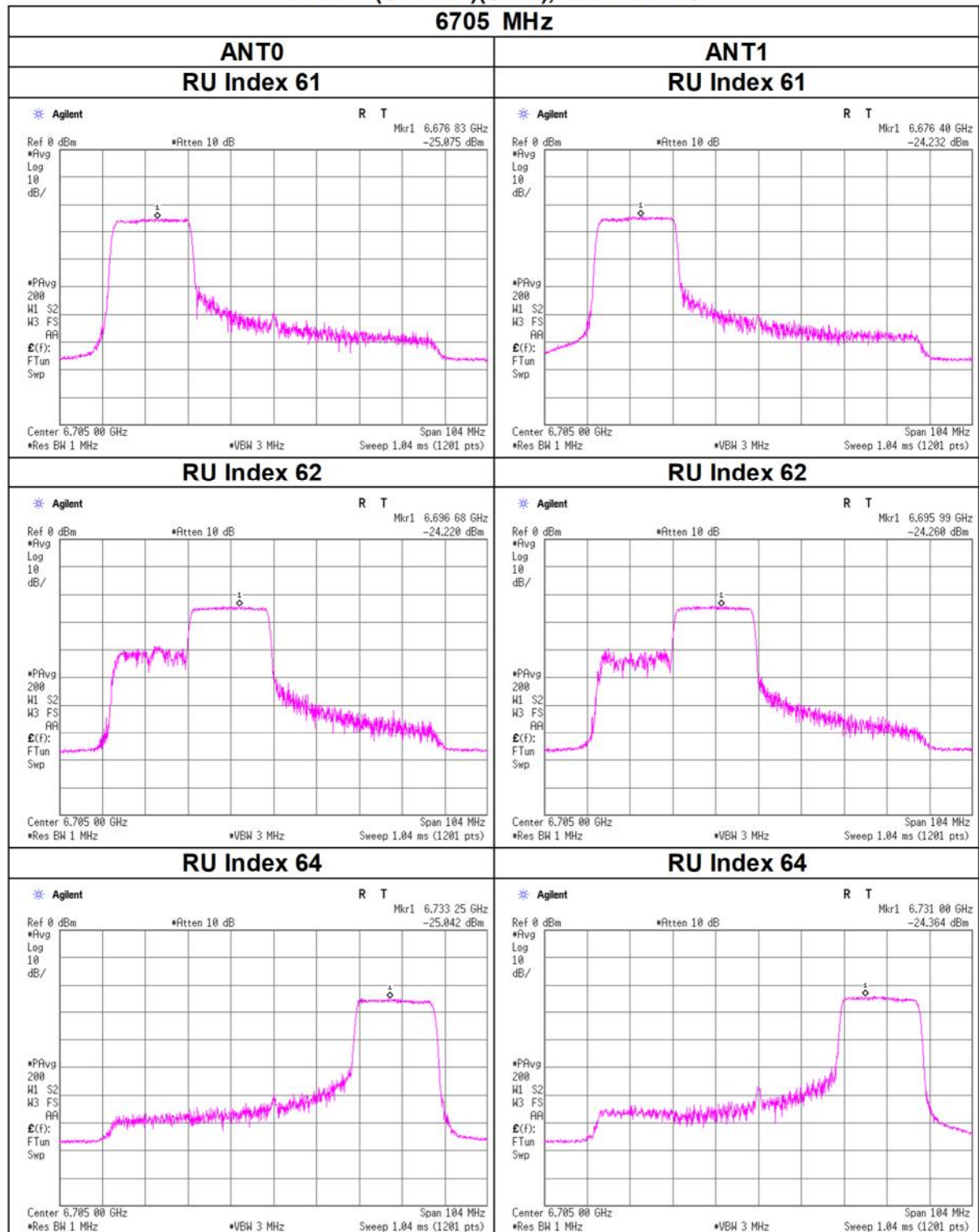
Maximum Power Spectral Density

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



Maximum Power Spectral Density

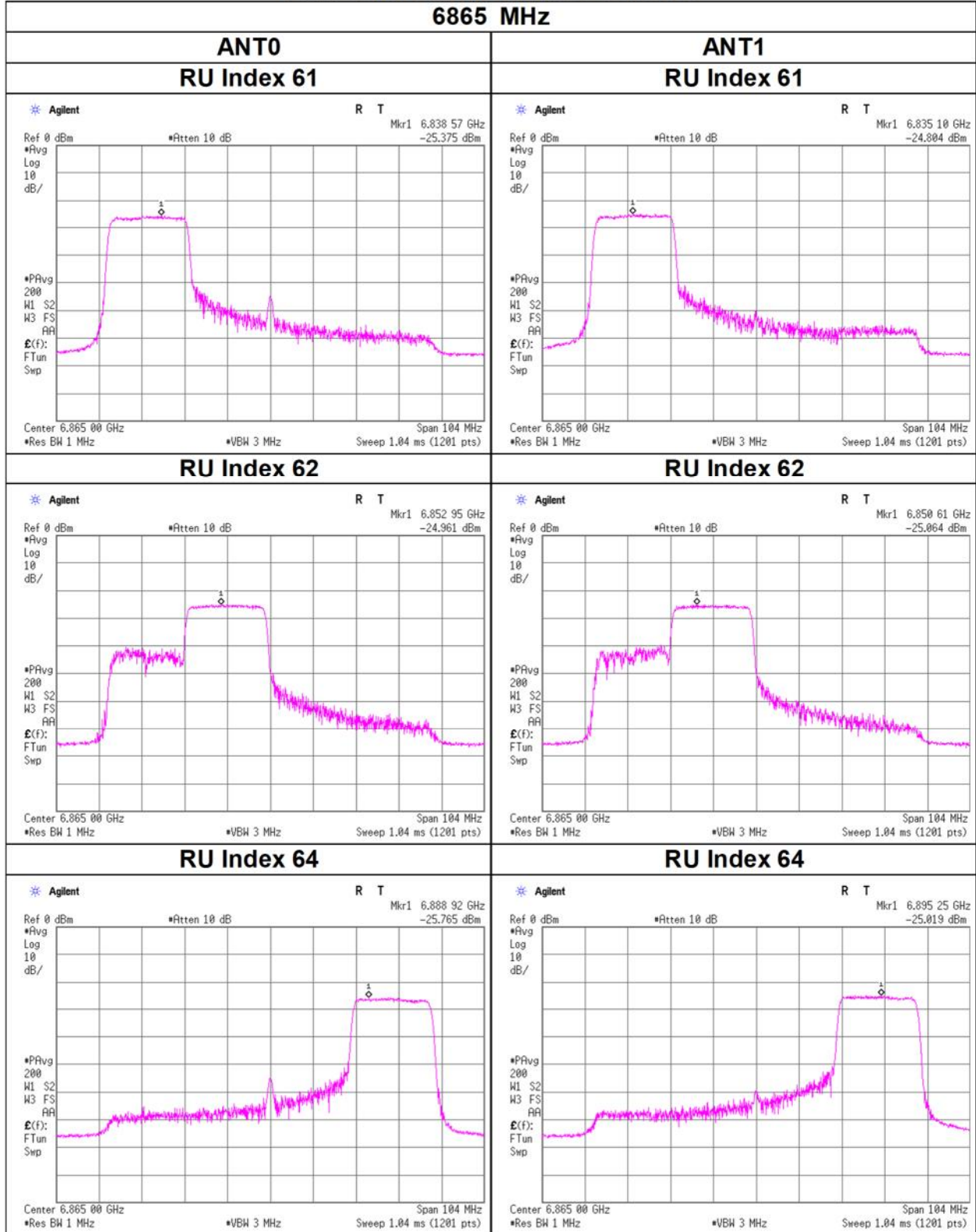
11ax-80(OFDMA)(SDM), 242-tone RU



Maximum Power Spectral Density

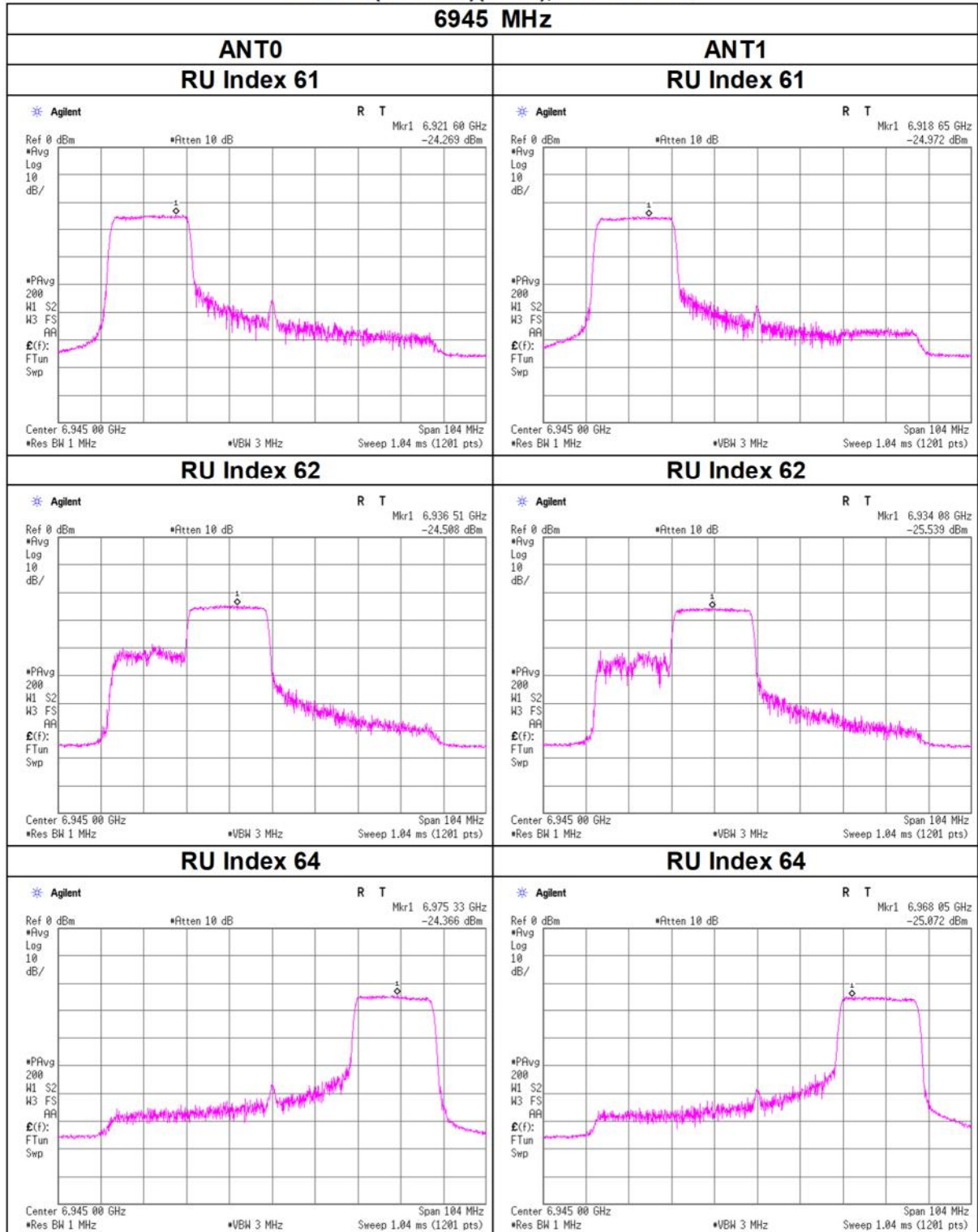
11ax-80(OFDMA)(SDM), 242-tone RU

6865 MHz



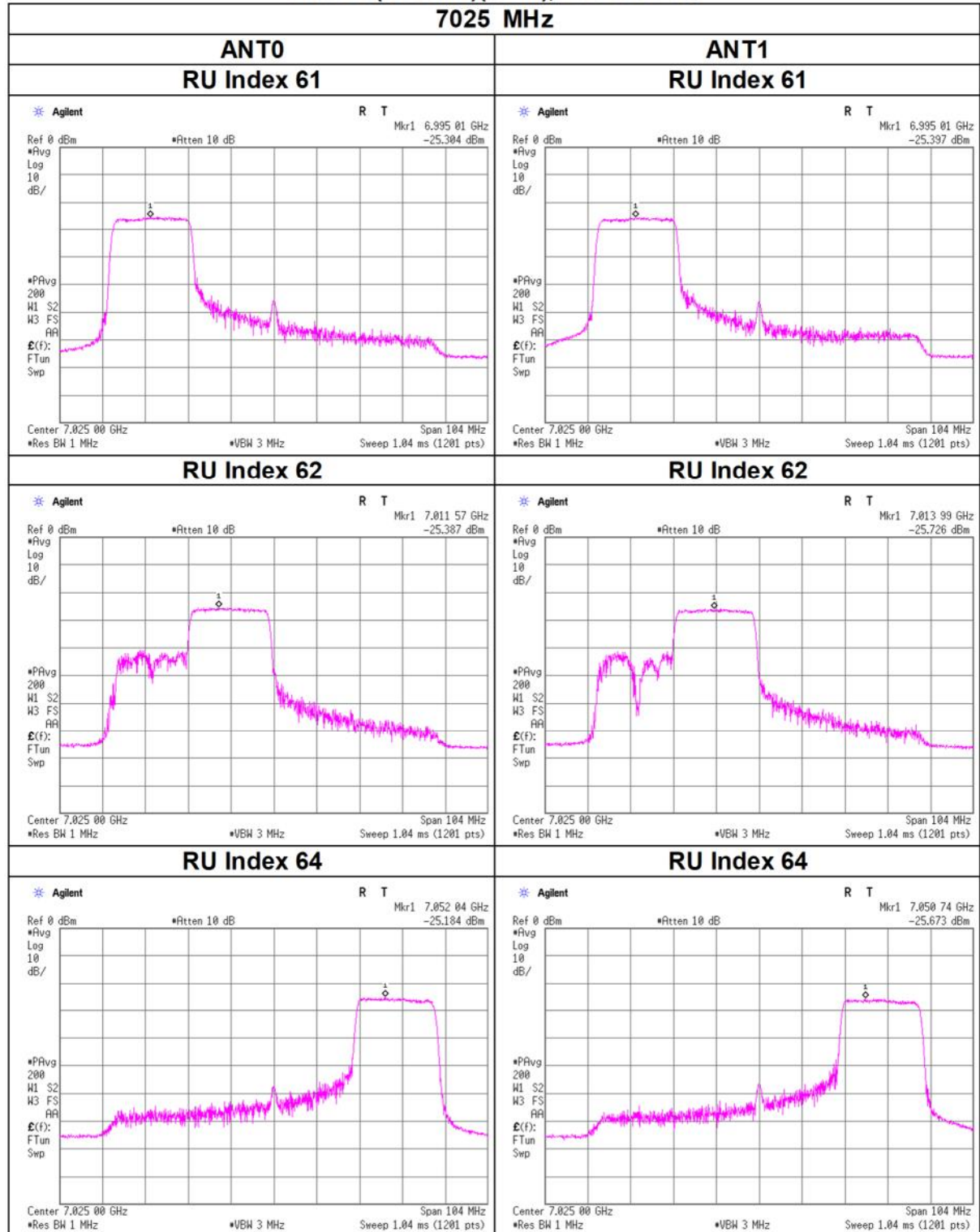
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 242-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]
5985	61	0.03	0.04	0.07	-11.55	-	-	0.10	0.11	0.20	-6.92	-1.00	5.92
	62	0.03	0.04	0.07	-11.42	-	-	0.10	0.11	0.21	-6.79	-1.00	5.79
	64	0.03	0.04	0.07	-11.55	-	-	0.09	0.11	0.20	-6.92	-1.00	5.92
6225	61	0.03	0.04	0.07	-11.42	-	-	0.10	0.11	0.21	-6.79	-1.00	5.79
	62	0.03	0.04	0.07	-11.34	-	-	0.09	0.12	0.21	-6.71	-1.00	5.71
	64	0.04	0.04	0.08	-11.23	-	-	0.11	0.11	0.22	-6.60	-1.00	5.60
6385	61	0.04	0.04	0.08	-10.98	-	-	0.12	0.11	0.23	-6.35	-1.00	5.35
	62	0.03	0.04	0.07	-11.34	-	-	0.08	0.13	0.21	-6.71	-1.00	5.71
	64	0.03	0.04	0.07	-11.26	-	-	0.10	0.12	0.22	-6.63	-1.00	5.63
6465	61	0.04	0.06	0.09	-10.37	-	-	0.10	0.16	0.27	-5.74	-1.00	4.74
	62	0.03	0.06	0.08	-10.71	-	-	0.08	0.16	0.25	-6.08	-1.00	5.08
	64	0.04	0.06	0.10	-9.94	-	-	0.11	0.19	0.29	-5.31	-1.00	4.31

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]
5985	61	0.08	-28.09	3.27	9.98	4.63	-14.75	-10.12	-27.85	3.30	10.10	4.63	-14.37	-9.74
	62	0.08	-28.14	3.27	9.98	4.63	-14.80	-10.17	-27.55	3.30	10.10	4.63	-14.08	-9.45
	64	0.08	-28.27	3.27	9.98	4.63	-14.93	-10.30	-27.69	3.30	10.10	4.63	-14.22	-9.59
6225	61	0.08	-28.14	3.34	9.98	4.63	-14.73	-10.10	-27.68	3.36	10.10	4.63	-14.14	-9.51
	62	0.08	-28.51	3.34	9.98	4.63	-15.11	-10.48	-27.25	3.36	10.10	4.63	-13.70	-9.07
	64	0.08	-27.74	3.34	9.98	4.63	-14.33	-9.70	-27.70	3.36	10.10	4.63	-14.15	-9.52
6385	61	0.08	-27.39	3.39	9.99	4.63	-13.93	-9.30	-27.64	3.41	10.11	4.63	-14.04	-9.41
	62	0.08	-28.83	3.39	9.99	4.63	-15.38	-10.75	-27.11	3.41	10.11	4.63	-13.51	-8.88
	64	0.08	-28.10	3.39	9.99	4.63	-14.65	-10.02	-27.52	3.41	10.11	4.63	-13.92	-9.29
6465	61	0.08	-27.91	3.41	9.99	4.63	-14.43	-9.80	-26.15	3.43	10.11	4.63	-12.53	-7.90
	62	0.08	-28.83	3.41	9.99	4.63	-15.35	-10.72	-26.16	3.43	10.11	4.63	-12.54	-7.91
	64	0.08	-27.76	3.41	9.99	4.63	-14.29	-9.66	-25.55	3.43	10.11	4.63	-11.93	-7.30

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 April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 242-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]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
6545	61	0.05	0.05	0.10	-9.88	-	-	0.11	0.12	0.24	-6.26	-1.00	5.26
	62	0.05	0.06	0.11	-9.70	-	-	0.12	0.13	0.25	-6.08	-1.00	5.08
	64	0.05	0.04	0.09	-10.39	-	-	0.11	0.10	0.21	-6.77	-1.00	5.77
6625	61	0.04	0.05	0.09	-10.32	-	-	0.10	0.11	0.21	-6.70	-1.00	5.70
	62	0.05	0.05	0.10	-10.13	-	-	0.12	0.11	0.22	-6.51	-1.00	5.51
	64	0.04	0.05	0.09	-10.36	-	-	0.10	0.11	0.21	-6.74	-1.00	5.74
6705	61	0.04	0.04	0.08	-10.88	-	-	0.09	0.10	0.19	-7.26	-1.00	6.26
	62	0.05	0.04	0.09	-10.48	-	-	0.11	0.10	0.21	-6.86	-1.00	5.86
	64	0.04	0.04	0.08	-10.94	-	-	0.09	0.09	0.19	-7.32	-1.00	6.32
6865	61	0.03	0.04	0.07	-11.31	-	-	0.08	0.09	0.17	-7.69	-1.00	6.69
	62	0.04	0.04	0.08	-10.94	-	-	0.09	0.09	0.19	-7.32	-1.00	6.32
	64	0.03	0.04	0.07	-11.25	-	-	0.07	0.10	0.17	-7.63	-1.00	6.63
6945	61	0.04	0.04	0.08	-10.97	-	-	0.10	0.08	0.18	-7.35	-1.00	6.35
	62	0.04	0.03	0.07	-11.55	-	-	0.08	0.08	0.16	-7.93	-1.00	6.93
	64	0.04	0.04	0.08	-11.16	-	-	0.09	0.09	0.18	-7.54	-1.00	6.54
7025	61	0.03	0.03	0.06	-11.90	-	-	0.08	0.07	0.15	-8.28	-1.00	7.28
	62	0.04	0.03	0.07	-11.86	-	-	0.09	0.06	0.15	-8.24	-1.00	7.24
	64	0.03	0.03	0.06	-11.94	-	-	0.08	0.07	0.15	-8.32	-1.00	7.32

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]
6545	61	0.08	-26.53	3.43	9.99	3.62	-13.03	-9.41	-26.41	3.45	10.11	3.62	-12.76	-9.14
	62	0.08	-26.43	3.43	9.99	3.62	-12.93	-9.31	-26.15	3.45	10.11	3.62	-12.51	-8.89
	64	0.08	-26.67	3.43	9.99	3.62	-13.17	-9.55	-27.29	3.45	10.11	3.62	-13.64	-10.02
6625	61	0.08	-27.12	3.45	9.99	3.62	-13.60	-9.98	-26.74	3.47	10.11	3.62	-13.07	-9.45
	62	0.08	-26.52	3.45	9.99	3.62	-13.00	-9.38	-26.96	3.47	10.11	3.62	-13.29	-9.67
	64	0.08	-27.06	3.45	9.99	3.62	-13.54	-9.92	-26.88	3.47	10.11	3.62	-13.21	-9.59
6705	61	0.08	-27.63	3.47	9.99	3.62	-14.08	-10.46	-27.40	3.50	10.12	3.62	-13.70	-10.08
	62	0.08	-26.94	3.47	9.99	3.62	-13.39	-9.77	-27.29	3.50	10.12	3.62	-13.60	-9.98
	64	0.08	-27.52	3.47	9.99	3.62	-13.98	-10.36	-27.61	3.50	10.12	3.62	-13.92	-10.30
6865	61	0.08	-28.28	3.52	9.99	3.62	-14.69	-11.07	-27.72	3.54	10.12	3.62	-13.98	-10.36
	62	0.08	-27.51	3.52	9.99	3.62	-13.92	-10.30	-27.72	3.54	10.12	3.62	-13.99	-10.37
	64	0.08	-28.47	3.52	9.99	3.62	-14.88	-11.26	-27.47	3.54	10.12	3.62	-13.73	-10.11
6945	61	0.08	-27.09	3.54	9.99	3.62	-13.48	-9.86	-28.31	3.56	10.12	3.62	-14.54	-10.92
	62	0.08	-28.07	3.54	9.99	3.62	-14.46	-10.84	-28.43	3.56	10.12	3.62	-14.67	-11.05
	64	0.08	-27.64	3.54	9.99	3.62	-14.03	-10.41	-28.08	3.56	10.12	3.62	-14.32	-10.70
7025	61	0.08	-28.27	3.56	9.99	3.62	-14.63	-11.01	-28.99	3.58	10.12	3.62	-15.20	-11.58
	62	0.08	-27.88	3.56	9.99	3.62	-14.24	-10.62	-29.38	3.58	10.12	3.62	-15.60	-11.98
	64	0.08	-28.30	3.56	9.99	3.62	-14.67	-11.05	-29.04	3.58	10.12	3.62	-15.26	-11.64

Sample Calculation:

PSD: Power Spectral Density

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

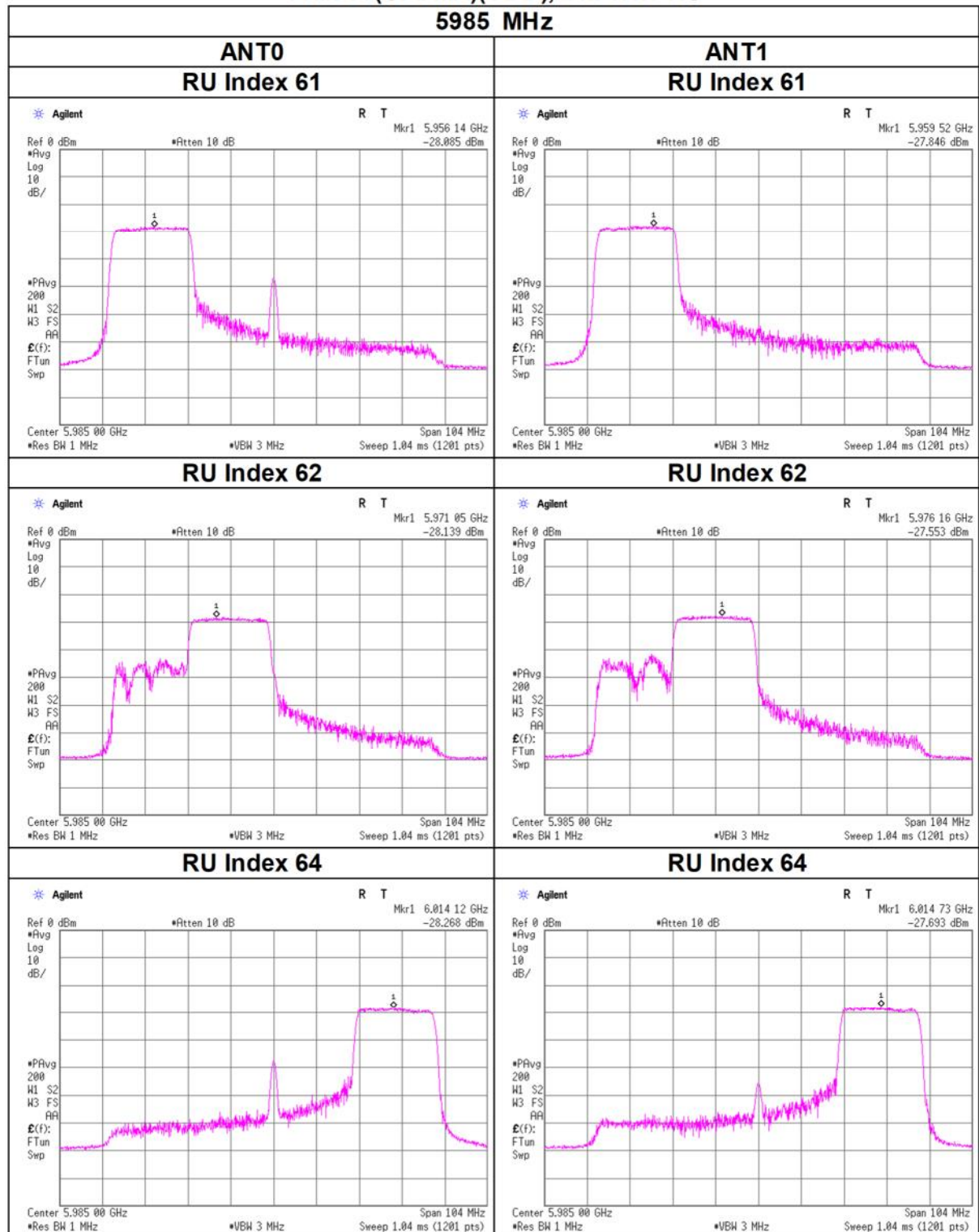
PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

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

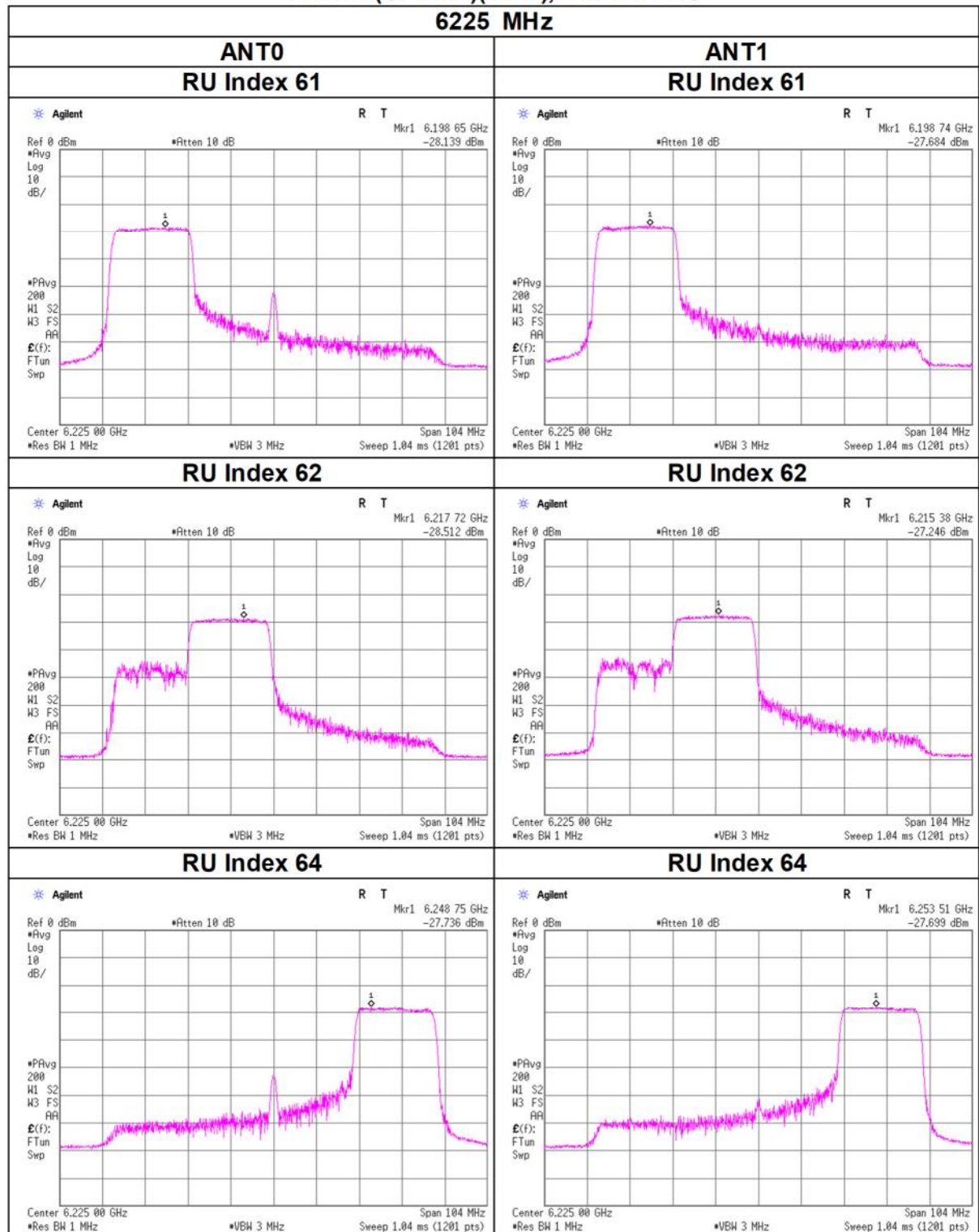
Maximum Power Spectral Density

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



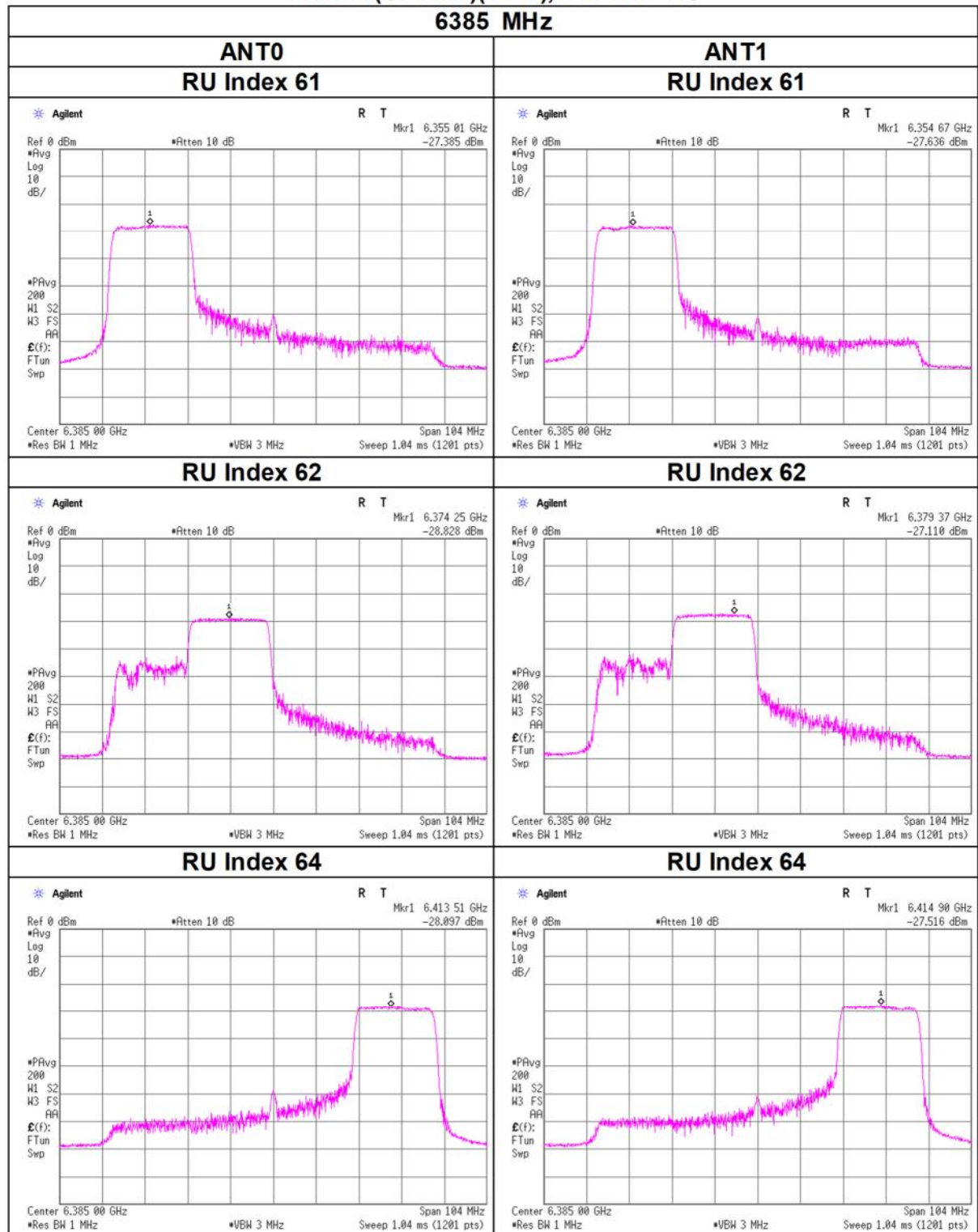
Maximum Power Spectral Density

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



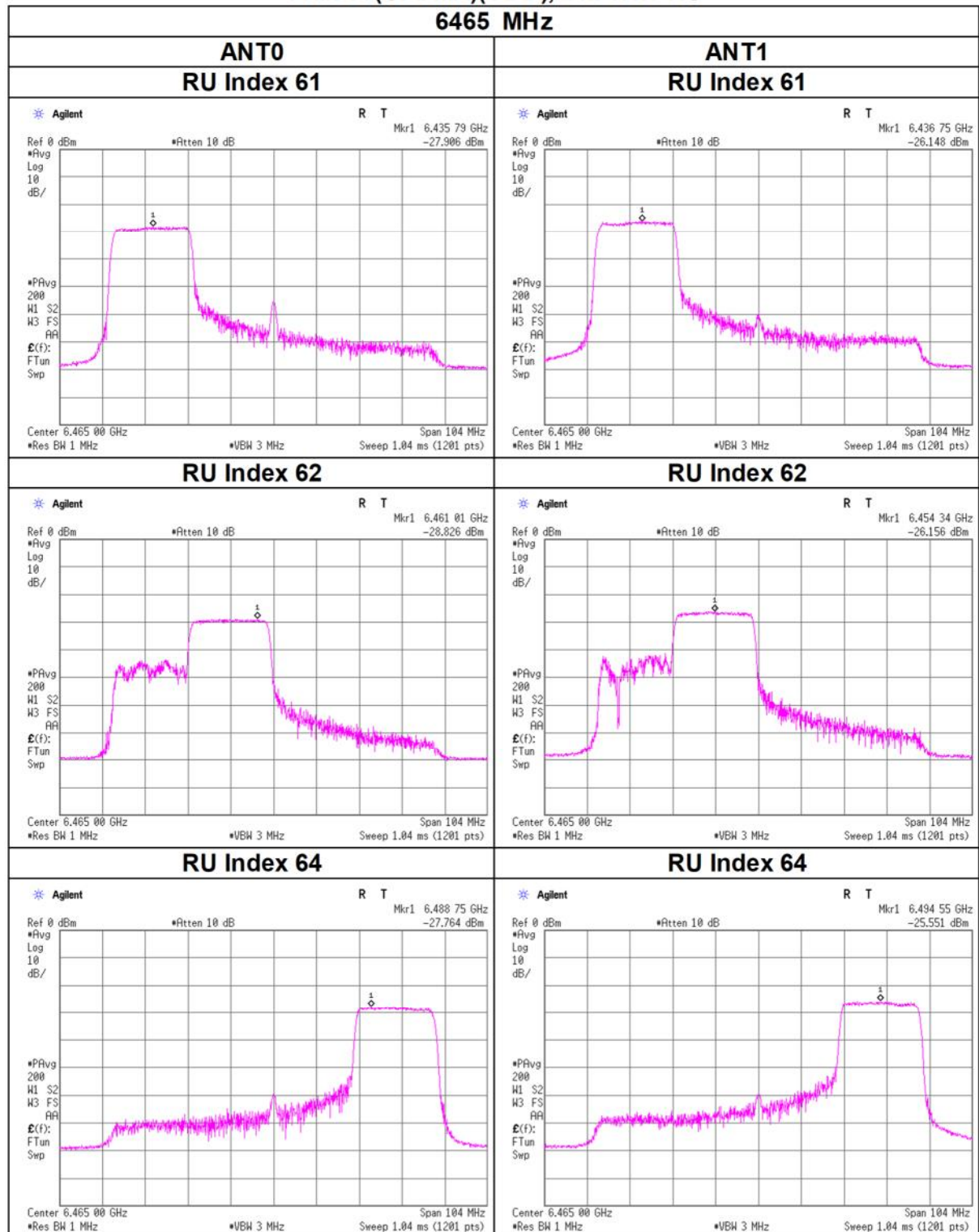
Maximum Power Spectral Density

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



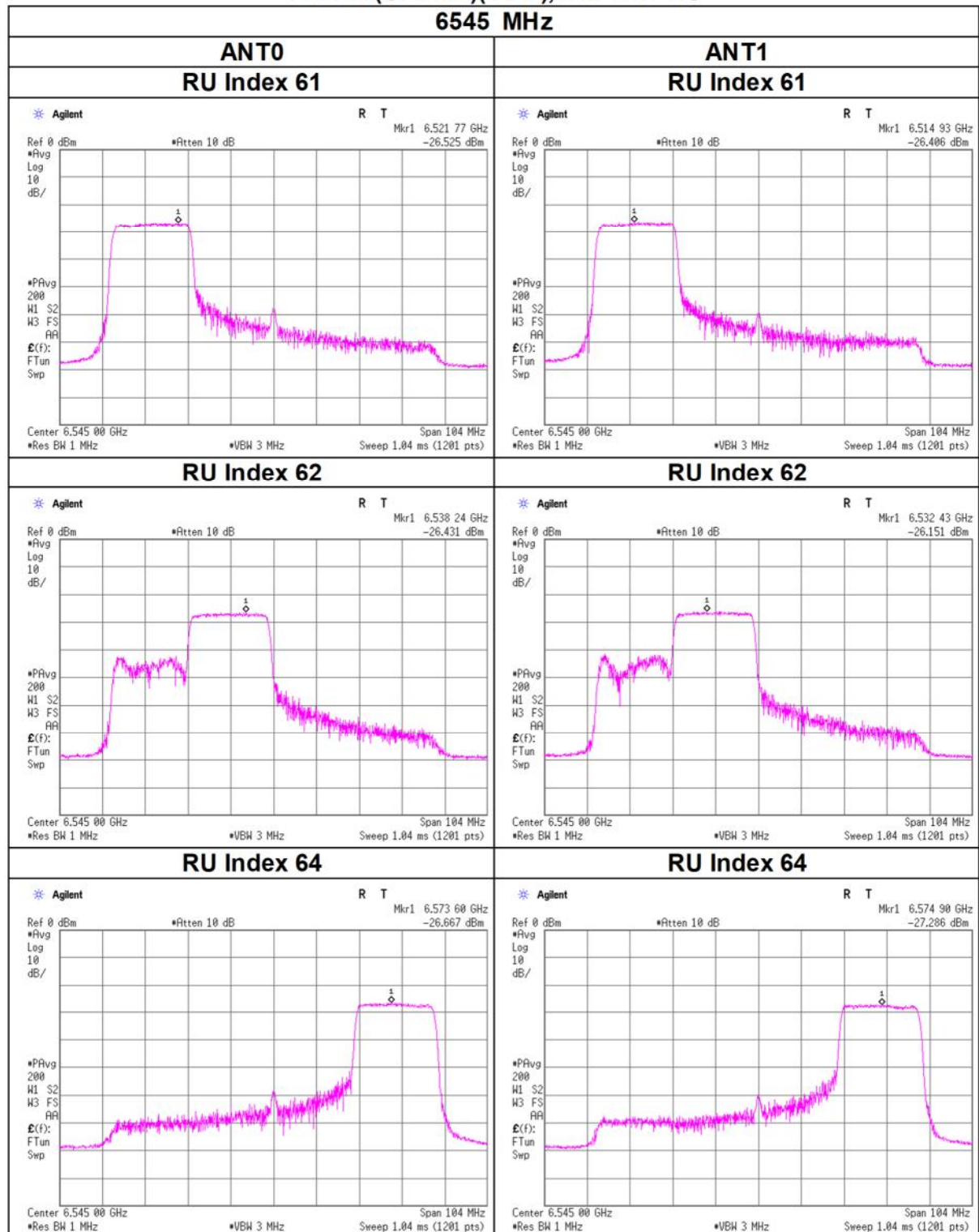
Maximum Power Spectral Density

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



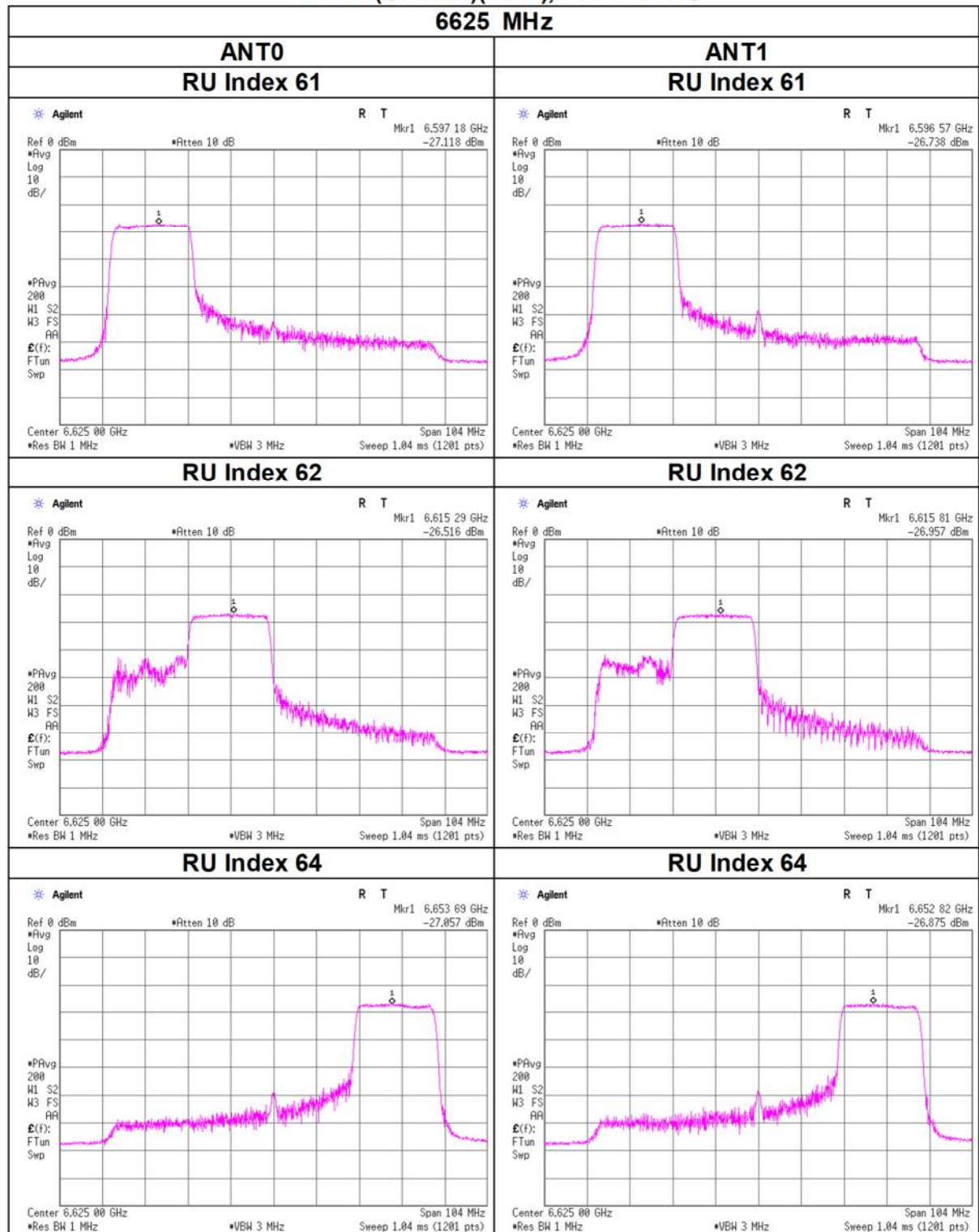
Maximum Power Spectral Density

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



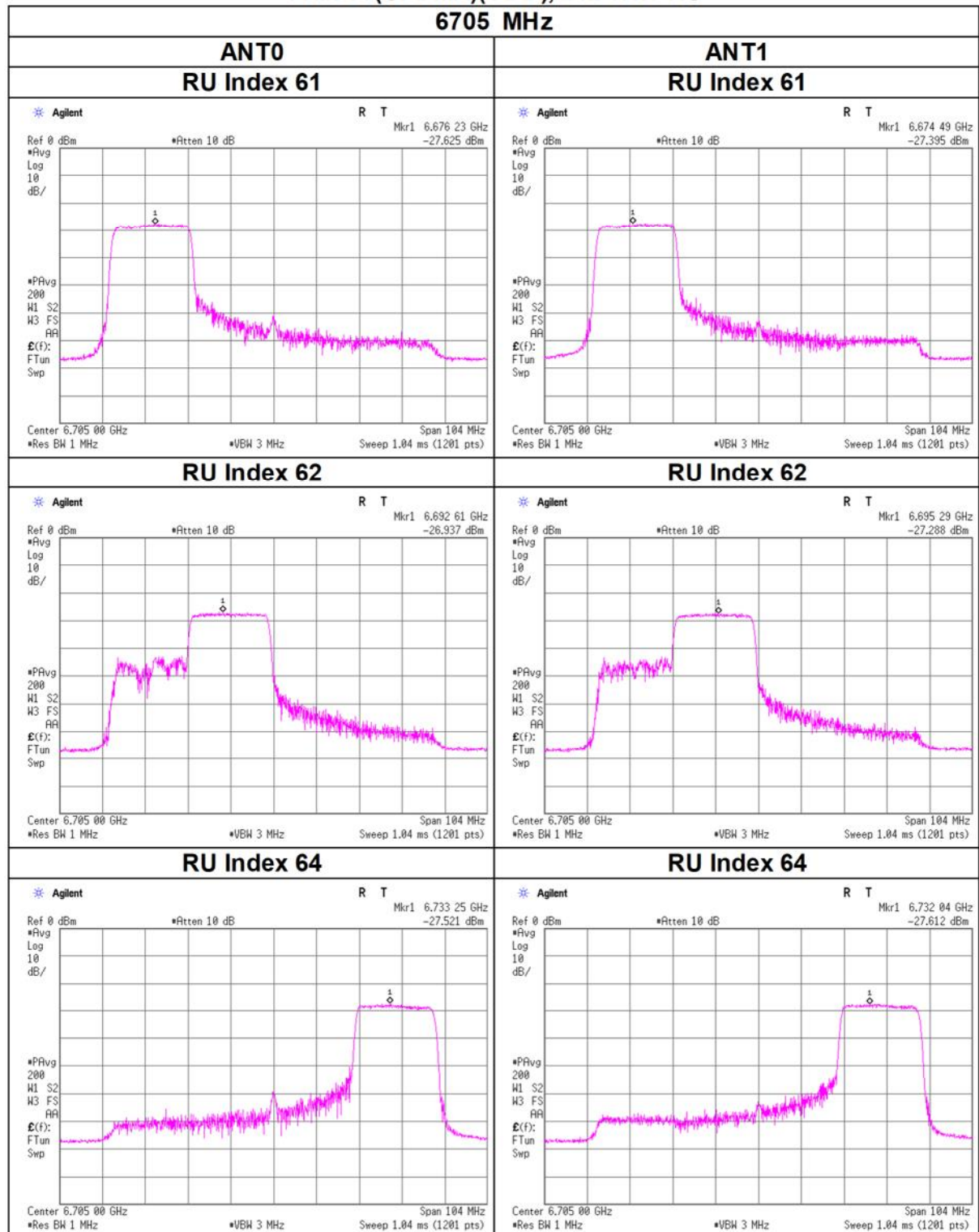
Maximum Power Spectral Density

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



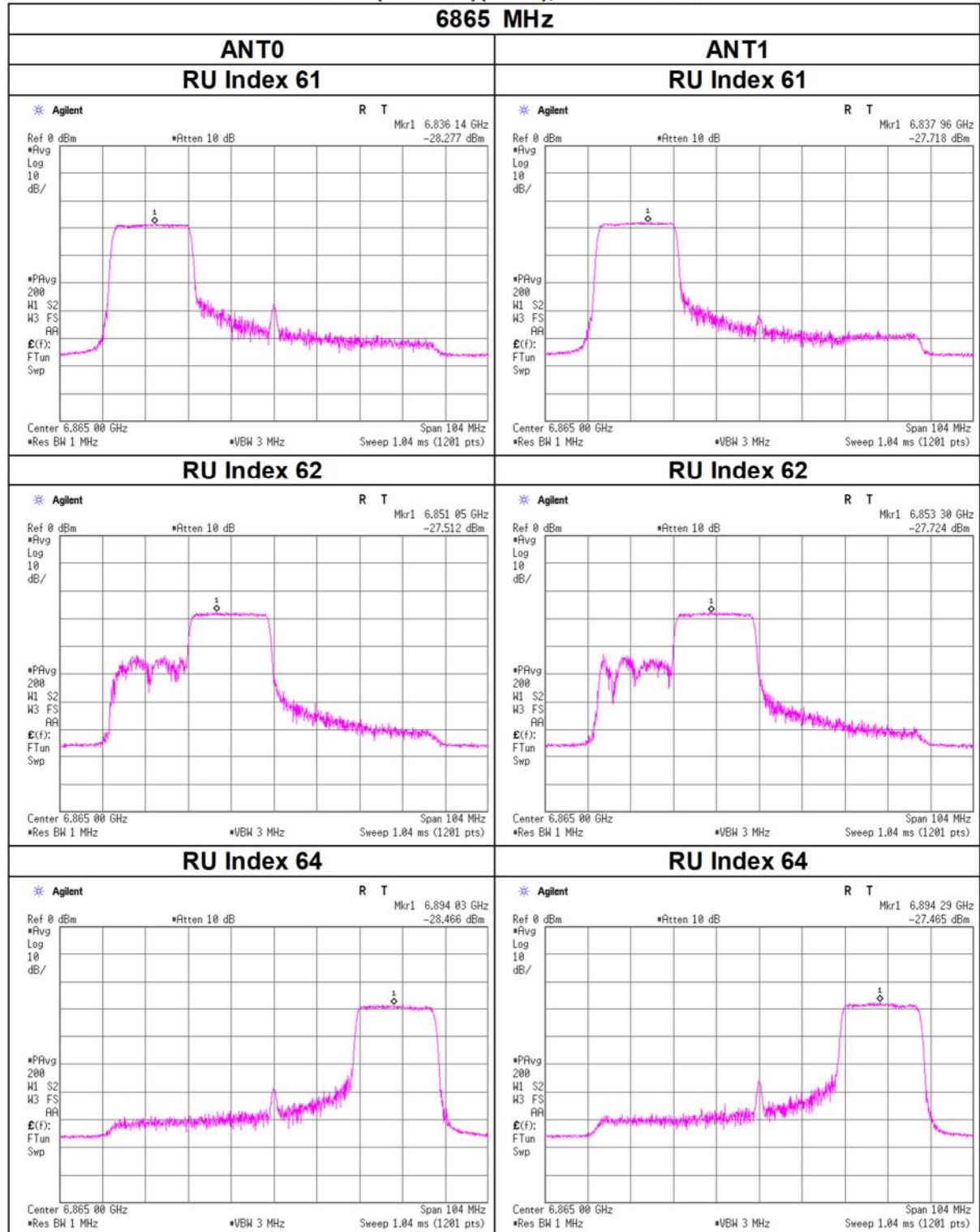
Maximum Power Spectral Density

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



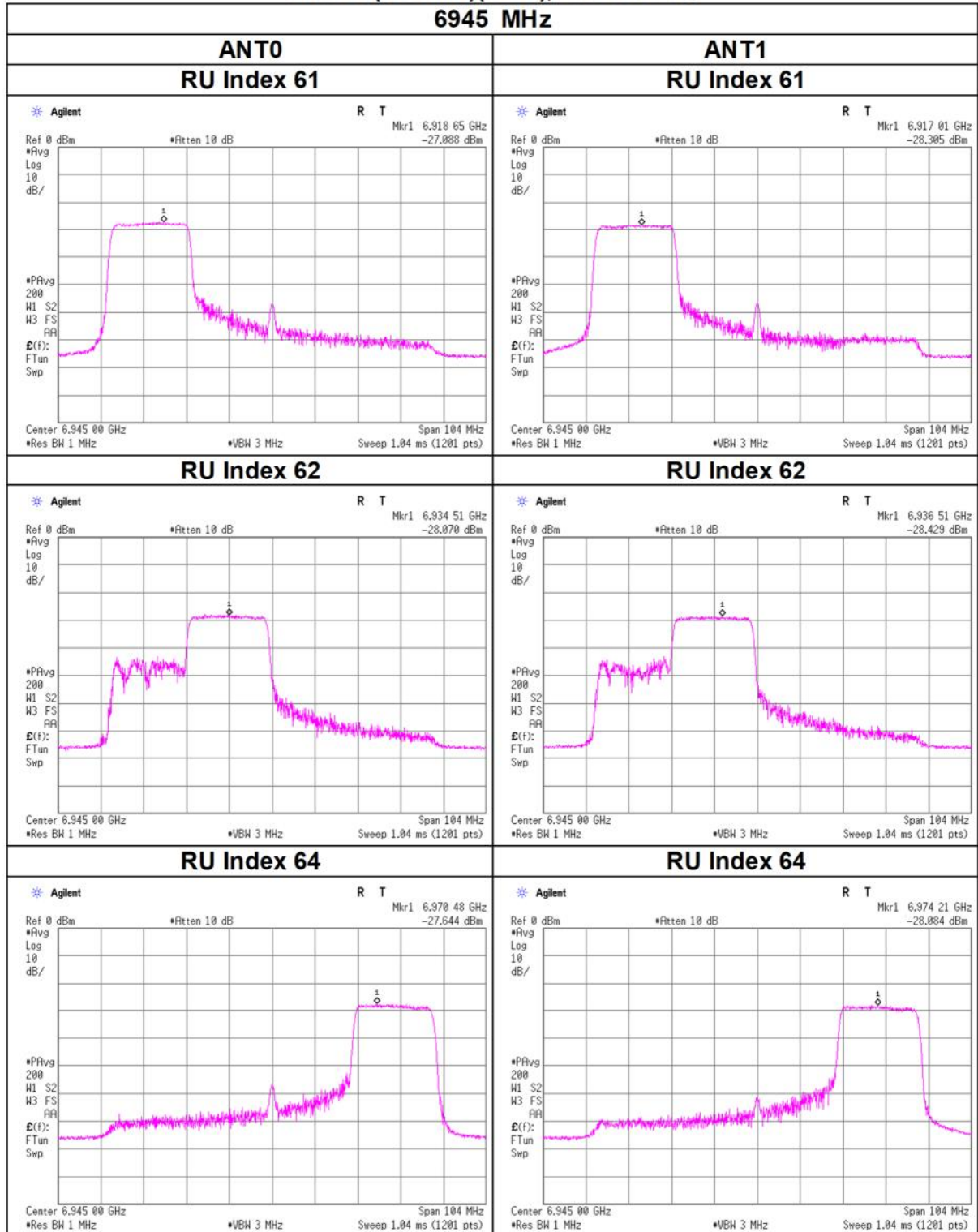
Maximum Power Spectral Density

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



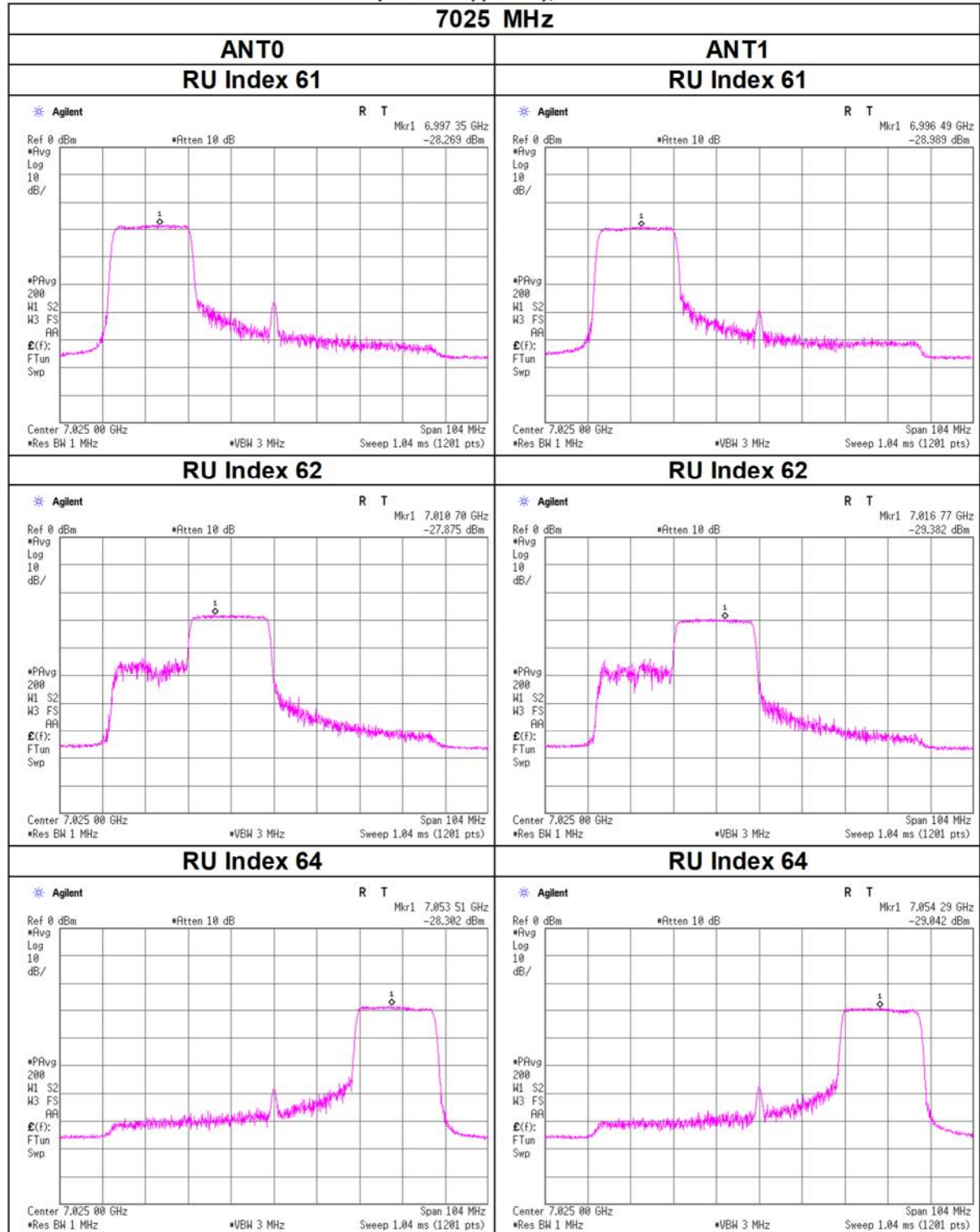
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 484-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]
5985	65	0.06	0.07	0.12	-9.12	-	-	0.08	0.10	0.18	-7.51	-1.00	6.51
	66	0.05	0.07	0.12	-9.14	-	-	0.08	0.10	0.18	-7.53	-1.00	6.53
6225	65	0.04	0.06	0.11	-9.69	-	-	0.06	0.09	0.16	-8.08	-1.00	7.08
	66	0.04	0.06	0.11	-9.76	-	-	0.06	0.09	0.15	-8.15	-1.00	7.15
6385	65	0.05	0.06	0.11	-9.44	-	-	0.08	0.09	0.16	-7.83	-1.00	6.83
	66	0.05	0.07	0.12	-9.36	-	-	0.07	0.10	0.17	-7.75	-1.00	6.75
6465	65	0.04	0.08	0.12	-9.23	-	-	0.06	0.11	0.17	-7.62	-1.00	6.62
	66	0.05	0.08	0.13	-8.95	-	-	0.07	0.12	0.18	-7.34	-1.00	6.34

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1						
			PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenn 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]
5985	65	0.07	-25.91	3.27	9.98	1.61	-12.59	-10.98	-25.18	3.30	10.10	1.61	-11.72	-10.11
	66	0.07	-26.07	3.27	9.98	1.61	-12.74	-11.13	-25.09	3.30	10.10	1.61	-11.63	-10.02
6225	65	0.07	-26.93	3.34	9.98	1.61	-13.54	-11.93	-25.53	3.36	10.10	1.61	-12.00	-10.39
	66	0.07	-26.93	3.34	9.98	1.61	-13.54	-11.93	-25.65	3.36	10.10	1.61	-12.11	-10.50
6385	65	0.07	-26.13	3.39	9.99	1.61	-12.69	-11.08	-25.81	3.41	10.11	1.61	-12.23	-10.62
	66	0.07	-26.45	3.39	9.99	1.61	-13.01	-11.40	-25.40	3.41	10.11	1.61	-11.81	-10.20
6465	65	0.07	-27.08	3.41	9.99	1.61	-13.62	-12.01	-24.81	3.43	10.11	1.61	-11.20	-9.59
	66	0.07	-26.87	3.41	9.99	1.61	-13.40	-11.79	-24.50	3.43	10.11	1.61	-10.89	-9.28

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 April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 484-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]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
6545	65	0.08	0.08	0.16	-7.93	-	-	0.10	0.09	0.19	-7.33	-1.00	6.33
	66	0.08	0.08	0.16	-7.96	-	-	0.09	0.09	0.18	-7.36	-1.00	6.36
6625	65	0.07	0.07	0.14	-8.43	-	-	0.08	0.09	0.16	-7.83	-1.00	6.83
	66	0.07	0.08	0.15	-8.11	-	-	0.08	0.10	0.18	-7.51	-1.00	6.51
6705	65	0.07	0.07	0.14	-8.56	-	-	0.08	0.08	0.16	-7.96	-1.00	6.96
	66	0.07	0.07	0.14	-8.67	-	-	0.08	0.08	0.16	-8.07	-1.00	7.07
6865	65	0.06	0.07	0.12	-9.11	-	-	0.07	0.08	0.14	-8.51	-1.00	7.51
	66	0.06	0.06	0.12	-9.23	-	-	0.06	0.07	0.14	-8.63	-1.00	7.63
6945	65	0.07	0.06	0.13	-9.01	-	-	0.08	0.07	0.14	-8.41	-1.00	7.41
	66	0.06	0.07	0.13	-8.85	-	-	0.07	0.08	0.15	-8.25	-1.00	7.25
7025	65	0.05	0.05	0.10	-10.15	-	-	0.06	0.05	0.11	-9.55	-1.00	8.55
	66	0.06	0.05	0.11	-9.50	-	-	0.07	0.06	0.13	-8.90	-1.00	7.90

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]
6545	65	0.07	-24.30	3.43	9.99	0.60	-10.81	-10.21	-24.70	3.45	10.11	0.60	-11.06	-10.46
	66	0.07	-24.43	3.43	9.99	0.60	-10.95	-10.35	-24.62	3.45	10.11	0.60	-10.99	-10.39
6625	65	0.07	-25.11	3.45	9.99	0.60	-11.60	-11.00	-24.95	3.47	10.11	0.60	-11.29	-10.69
	66	0.07	-25.02	3.45	9.99	0.60	-11.51	-10.91	-24.42	3.47	10.11	0.60	-10.76	-10.16
6705	65	0.07	-24.99	3.47	9.99	0.60	-11.46	-10.86	-25.38	3.50	10.12	0.60	-11.70	-11.10
	66	0.07	-25.32	3.47	9.99	0.60	-11.78	-11.18	-25.27	3.50	10.12	0.60	-11.59	-10.99
6865	65	0.07	-26.05	3.52	9.99	0.60	-12.47	-11.87	-25.53	3.54	10.12	0.60	-11.81	-11.21
	66	0.07	-26.11	3.52	9.99	0.60	-12.53	-11.93	-25.71	3.54	10.12	0.60	-11.98	-11.38
6945	65	0.07	-25.37	3.54	9.99	0.60	-11.77	-11.17	-26.03	3.56	10.12	0.60	-12.28	-11.68
	66	0.07	-25.68	3.54	9.99	0.60	-12.08	-11.48	-25.39	3.56	10.12	0.60	-11.64	-11.04
7025	65	0.07	-26.68	3.56	9.99	0.60	-13.05	-12.45	-27.05	3.58	10.12	0.60	-13.28	-12.68
	66	0.07	-25.83	3.56	9.99	0.60	-12.21	-11.61	-26.61	3.58	10.12	0.60	-12.84	-12.24

Sample Calculation:

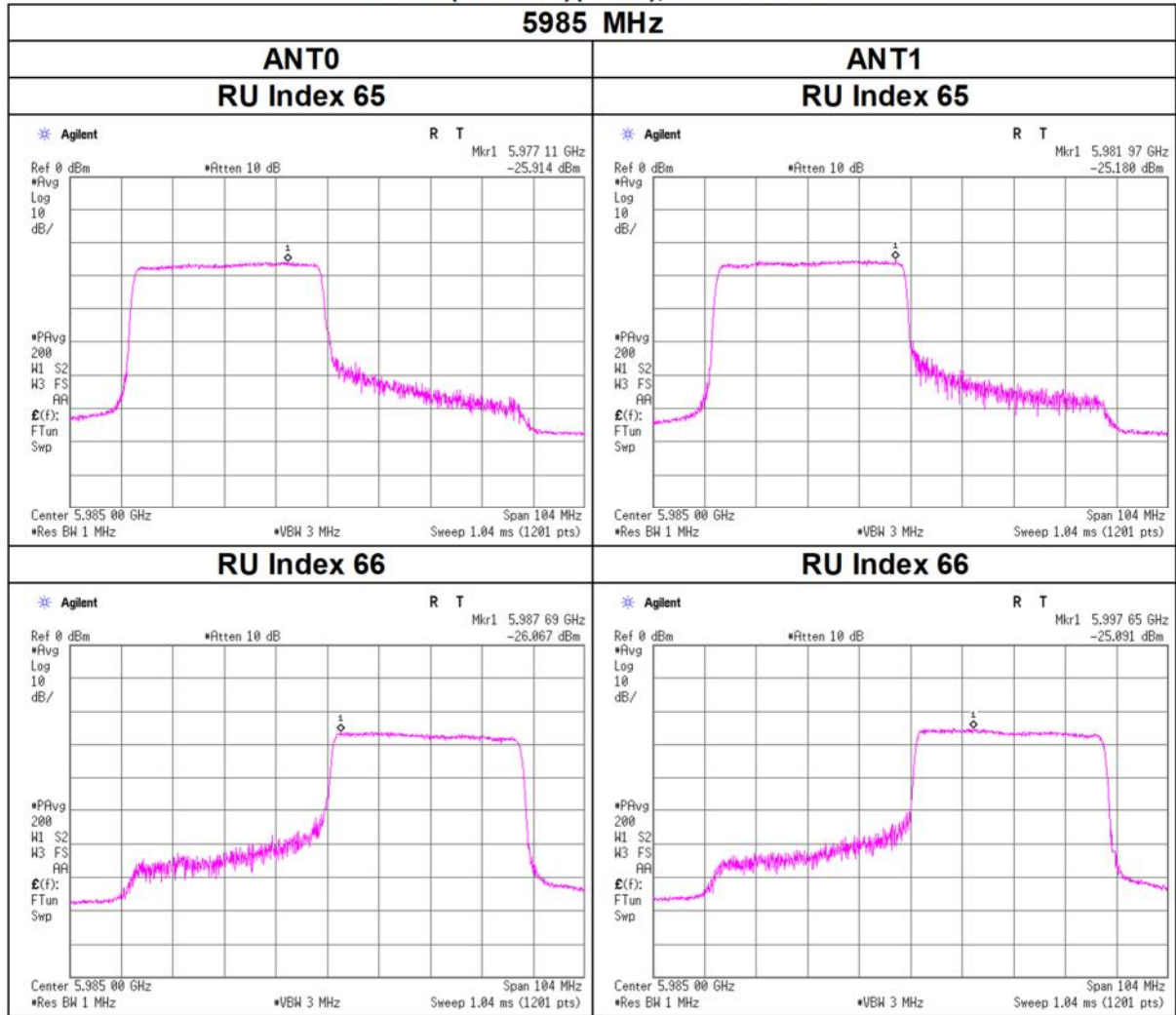
PSD: Power Spectral Density

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

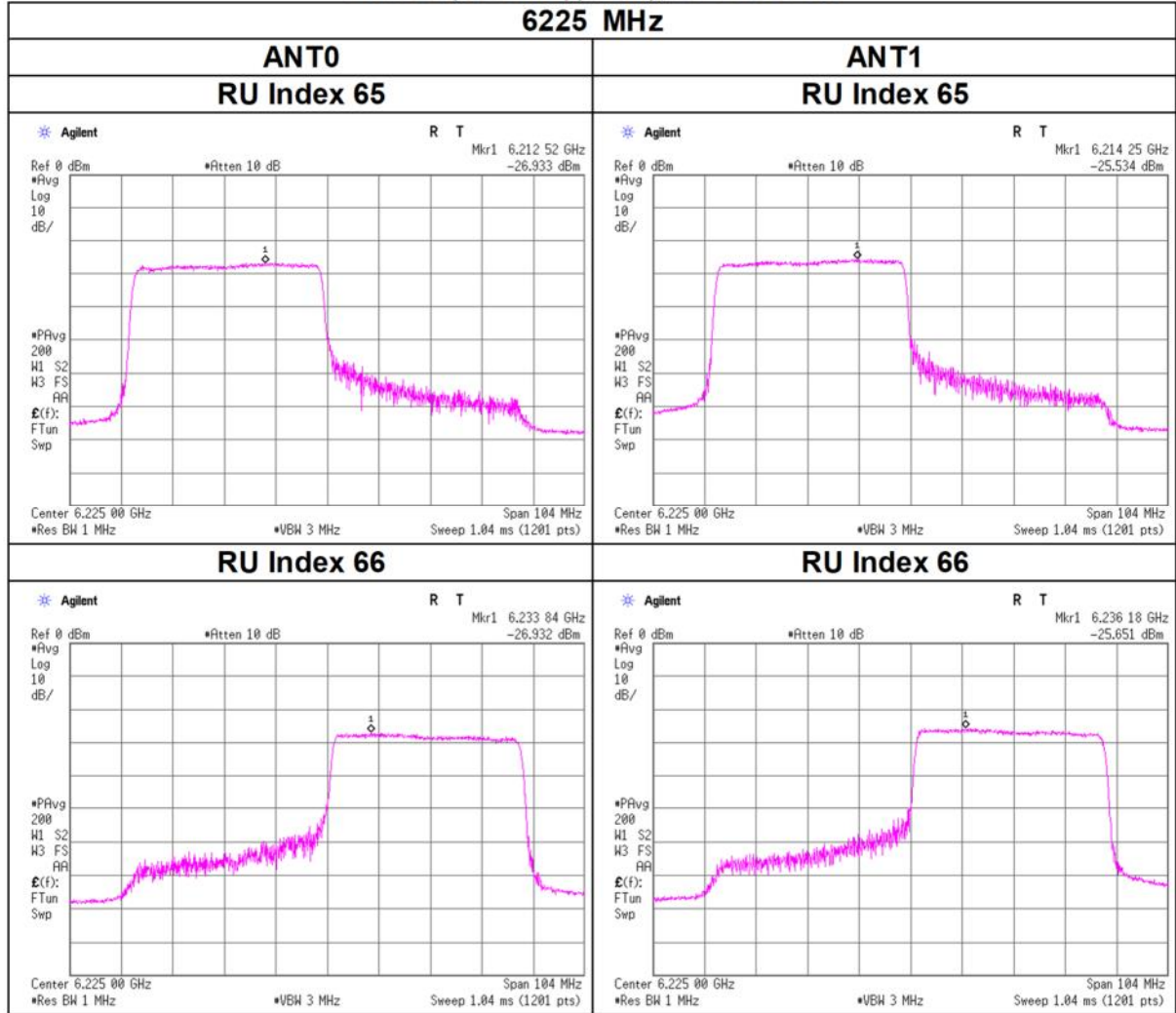
Maximum Power Spectral Density

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



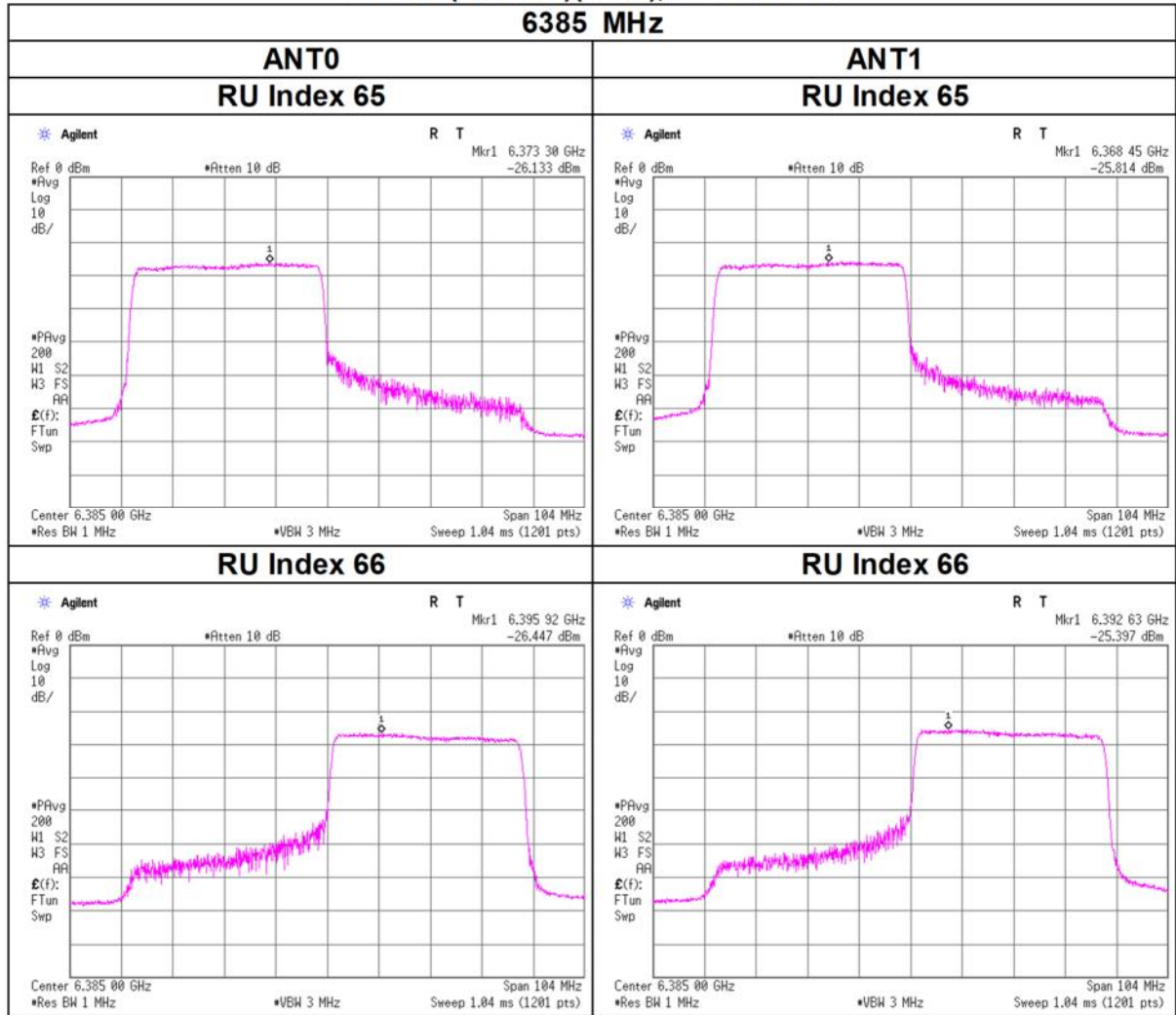
Maximum Power Spectral Density

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



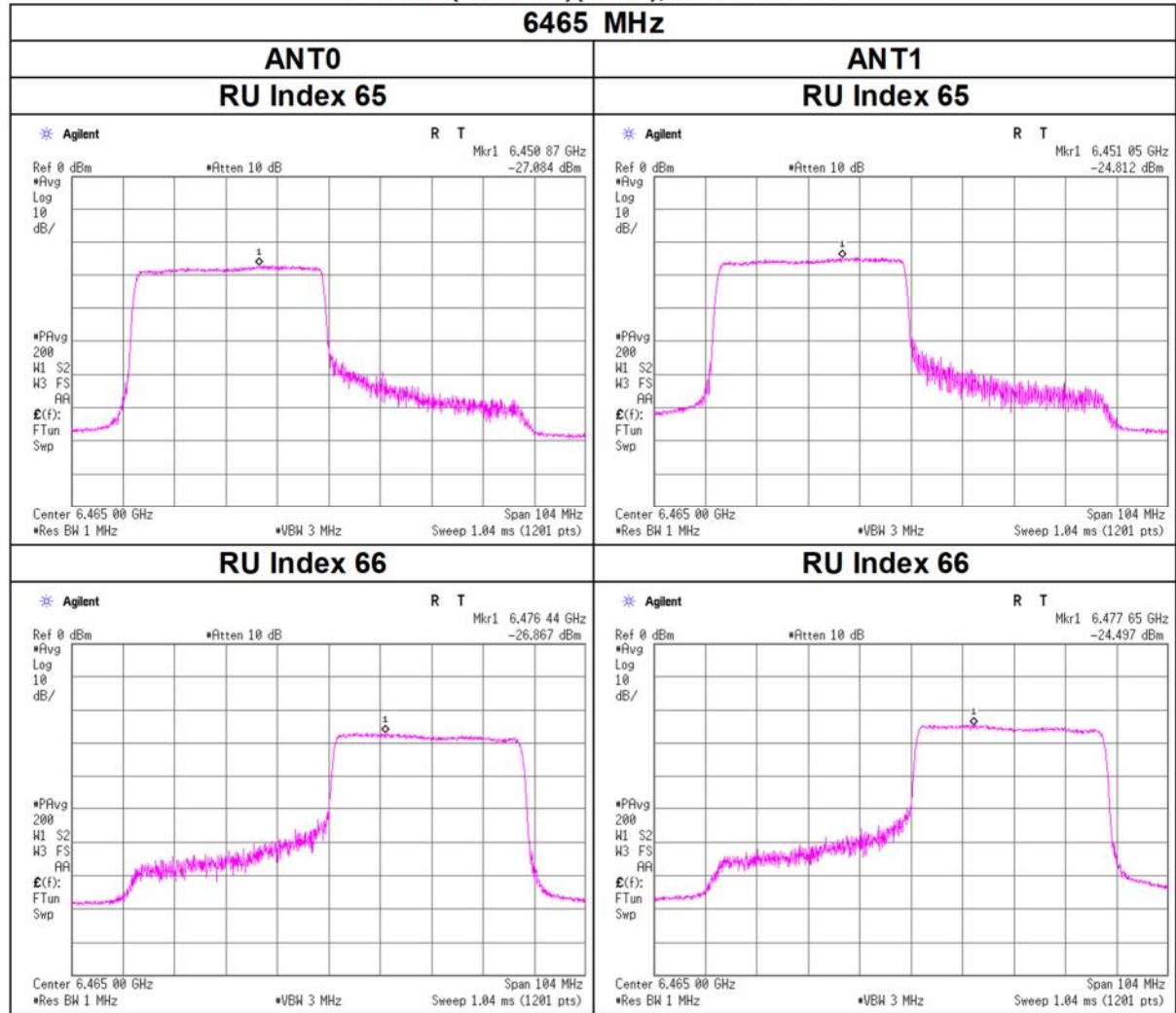
Maximum Power Spectral Density

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



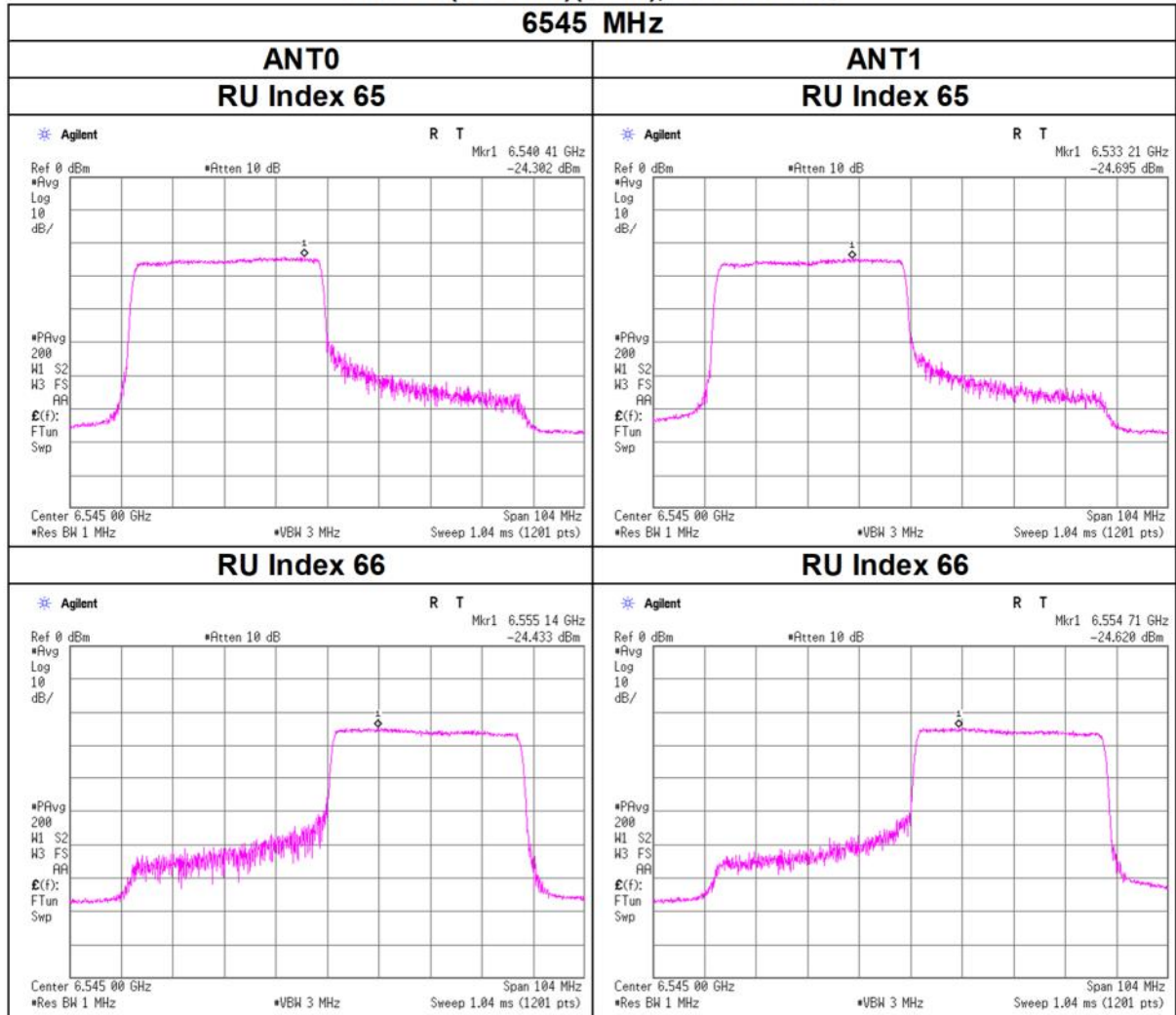
Maximum Power Spectral Density

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



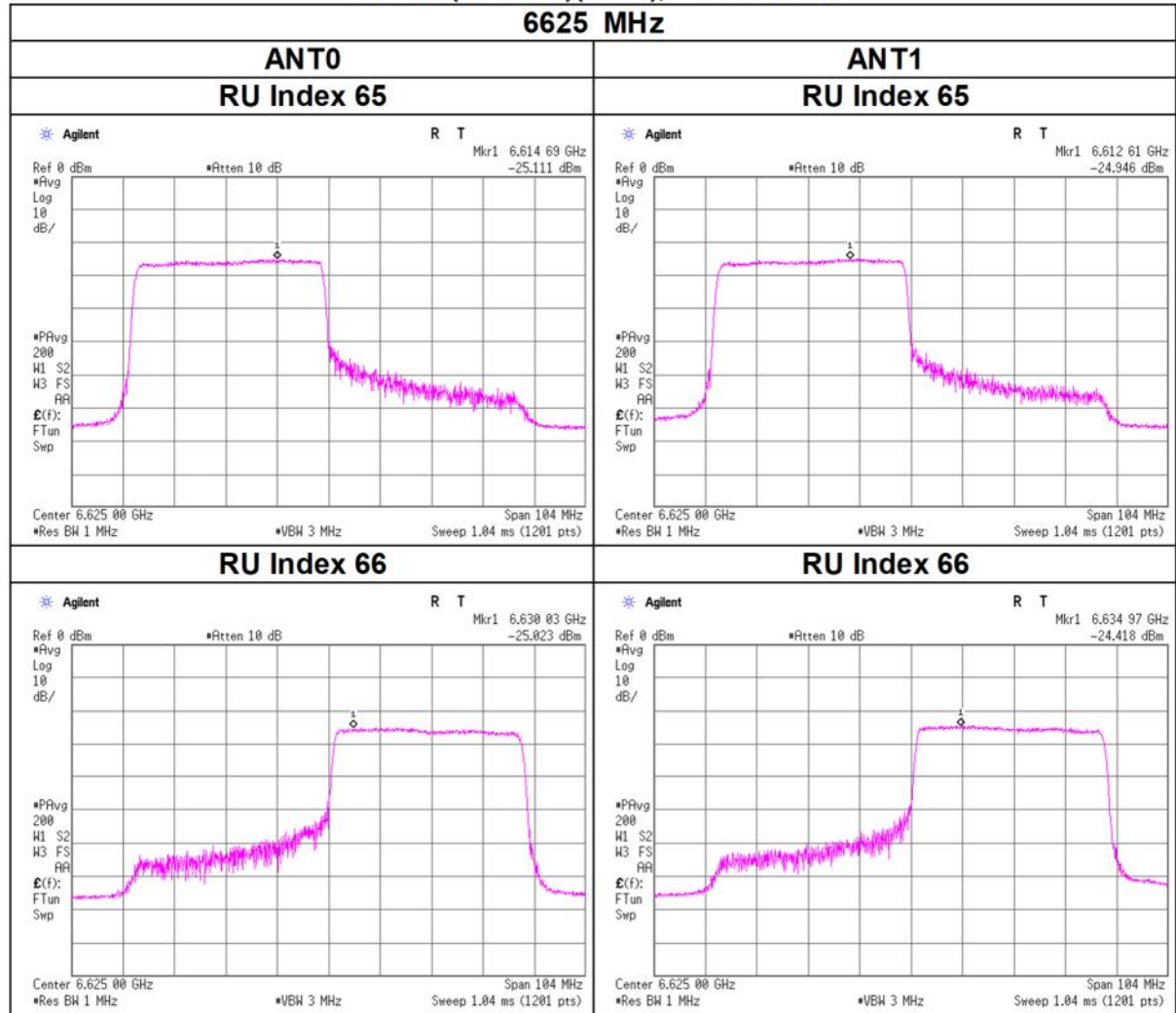
Maximum Power Spectral Density

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



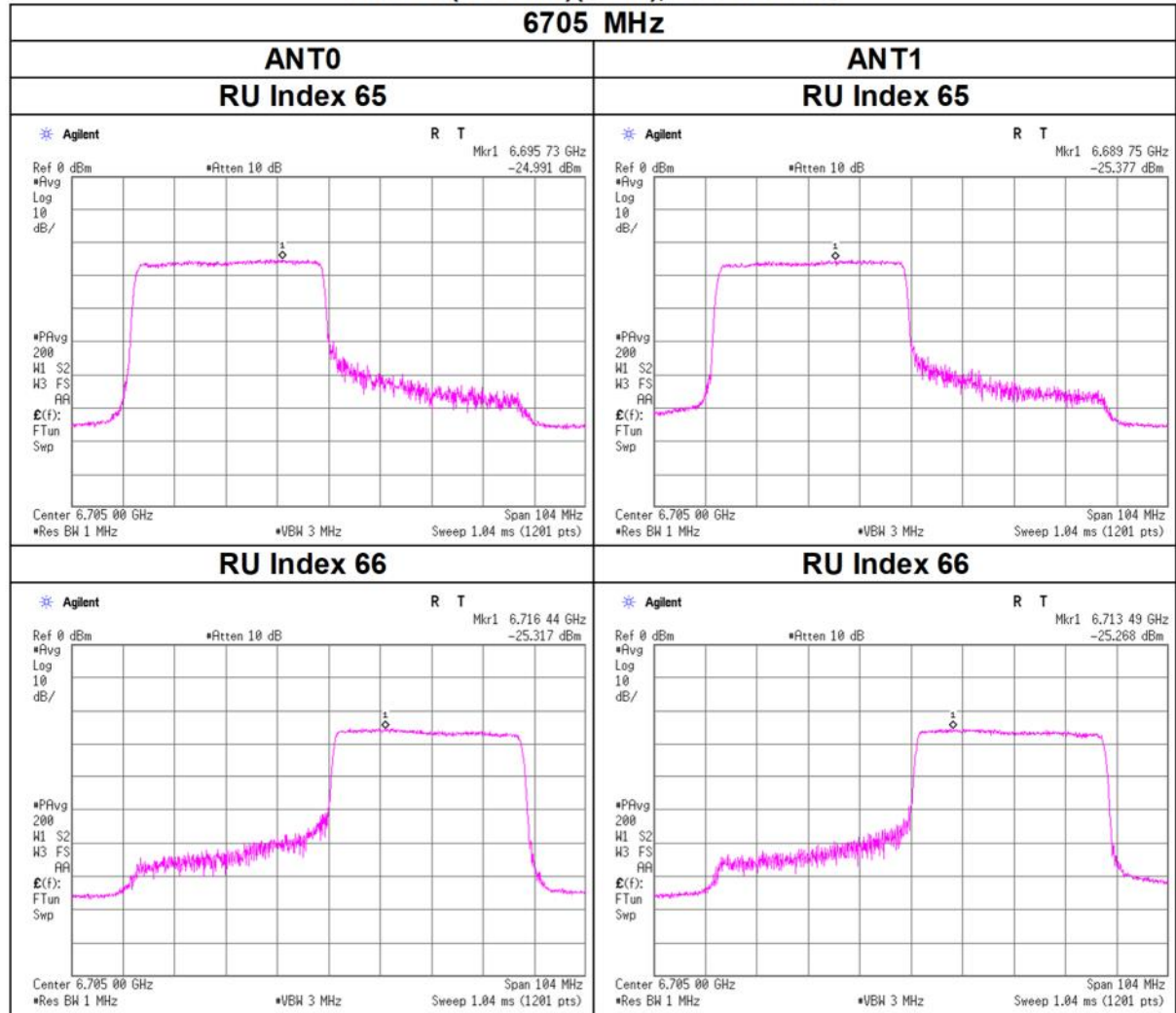
Maximum Power Spectral Density

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



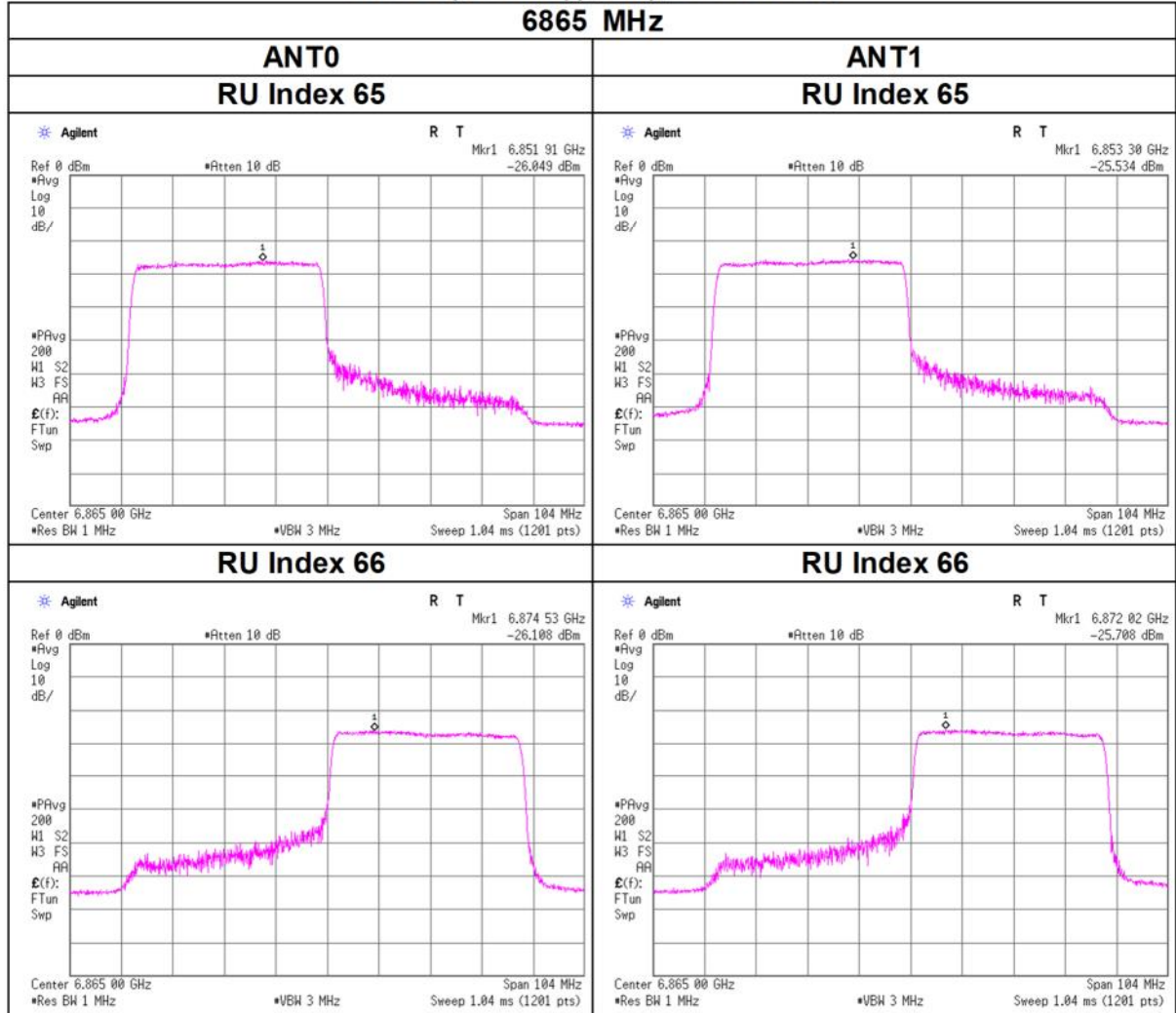
Maximum Power Spectral Density

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



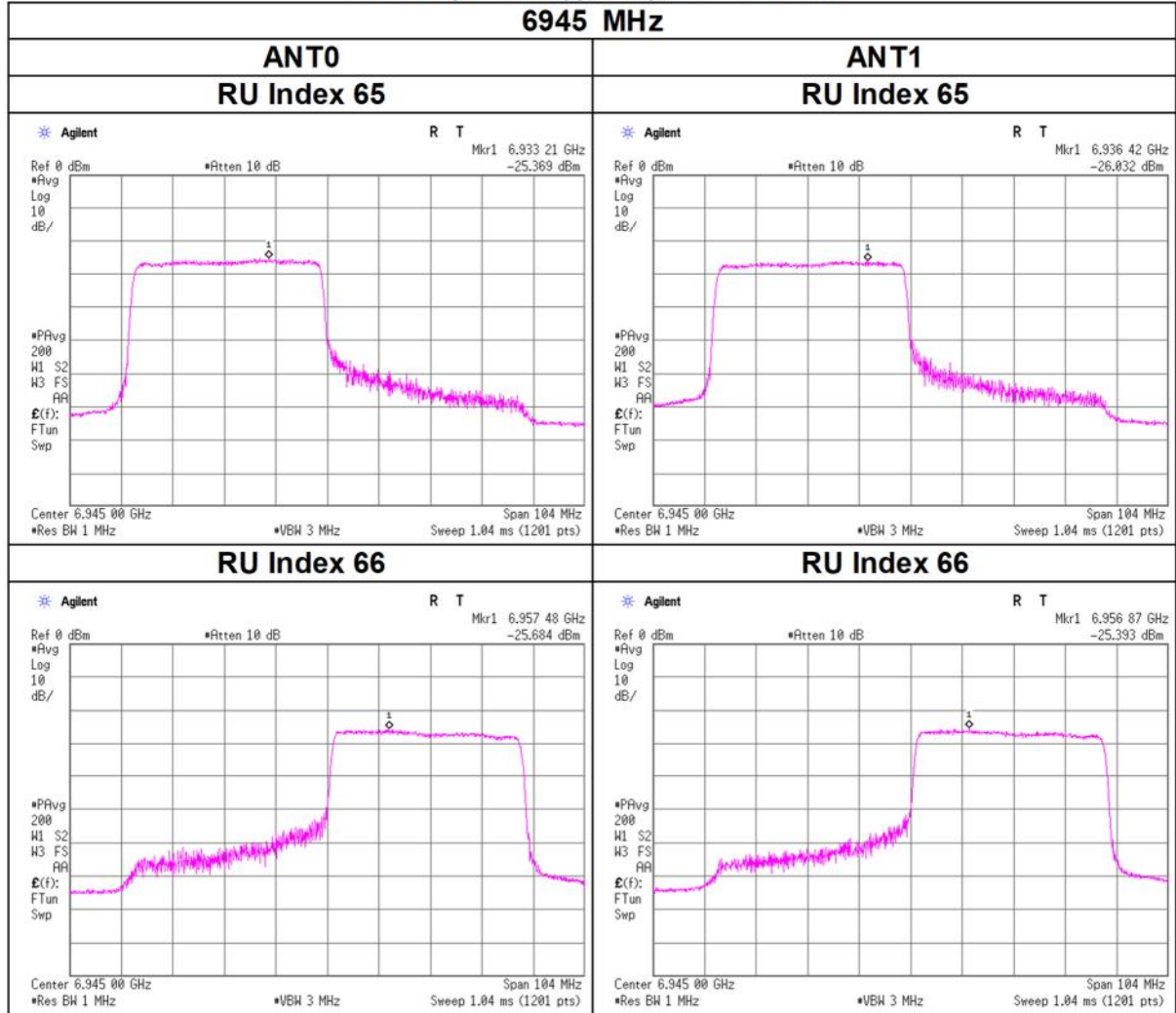
Maximum Power Spectral Density

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



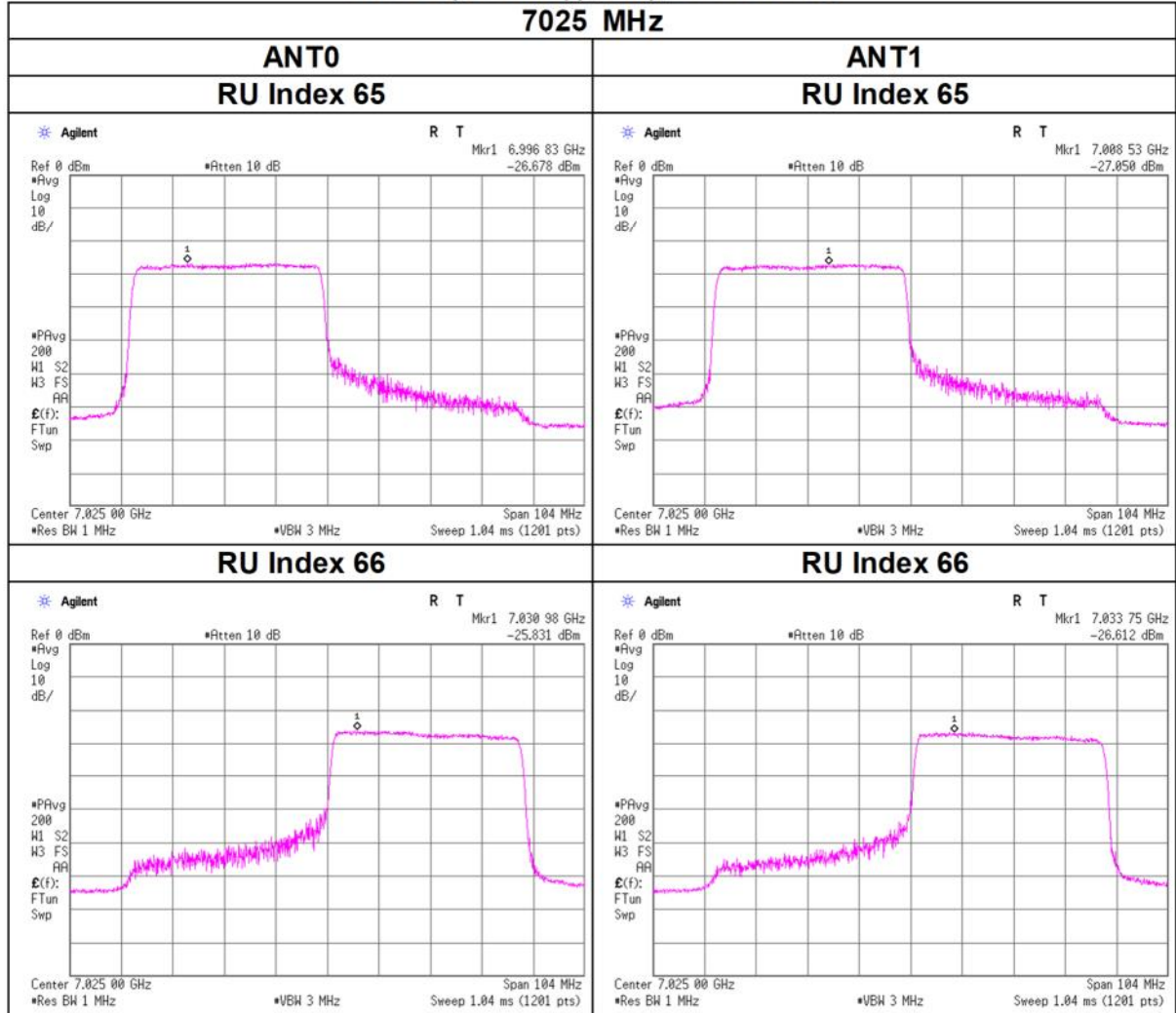
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 484-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]
5985	65	0.03	0.03	0.06	-12.23	-	-	0.08	0.09	0.17	-7.60	-1.00	6.60
	66	0.03	0.03	0.06	-12.19	-	-	0.08	0.09	0.18	-7.56	-1.00	6.56
6225	65	0.03	0.03	0.06	-12.27	-	-	0.08	0.09	0.17	-7.64	-1.00	6.64
	66	0.03	0.03	0.06	-12.38	-	-	0.07	0.09	0.17	-7.75	-1.00	6.75
6385	65	0.03	0.03	0.06	-12.28	-	-	0.08	0.09	0.17	-7.65	-1.00	6.65
	66	0.03	0.04	0.06	-12.16	-	-	0.07	0.10	0.18	-7.53	-1.00	6.53
6465	65	0.02	0.04	0.07	-11.74	-	-	0.07	0.13	0.19	-7.11	-1.00	6.11
	66	0.02	0.04	0.06	-11.96	-	-	0.07	0.12	0.18	-7.33	-1.00	6.33

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	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]
5985	65	0.07	-28.66	3.27	9.98	4.63	-15.34	-10.71	-28.61	3.30	10.10	4.63	-15.15	-10.52
	66	0.07	-28.82	3.27	9.98	4.63	-15.49	-10.86	-28.38	3.30	10.10	4.63	-14.92	-10.29
6225	65	0.07	-29.16	3.34	9.98	4.63	-15.76	-11.13	-28.39	3.36	10.10	4.63	-14.85	-10.22
	66	0.07	-29.39	3.34	9.98	4.63	-15.99	-11.36	-28.40	3.36	10.10	4.63	-14.86	-10.23
6385	65	0.07	-29.02	3.39	9.99	4.63	-15.57	-10.94	-28.61	3.41	10.11	4.63	-15.03	-10.40
	66	0.07	-29.32	3.39	9.99	4.63	-15.88	-11.25	-28.14	3.41	10.11	4.63	-14.56	-9.93
6465	65	0.07	-29.82	3.41	9.99	4.63	-16.36	-11.73	-27.19	3.43	10.11	4.63	-13.58	-8.95
	66	0.07	-29.94	3.41	9.99	4.63	-16.47	-11.84	-27.46	3.43	10.11	4.63	-13.85	-9.22

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 = 10log(Number of transmit antennas / 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 April 26, 2024
Temperature / Humidity 24 deg. C / 33 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 484-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]					ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				
6545	65	0.04	0.04	0.08	-10.85	-	-		0.10	0.09	0.19	-7.23	-1.00	6.23	
	66	0.04	0.04	0.08	-11.11	-	-		0.08	0.09	0.18	-7.49	-1.00	6.49	
6625	65	0.03	0.04	0.07	-11.41	-	-		0.08	0.09	0.17	-7.79	-1.00	6.79	
	66	0.03	0.04	0.08	-11.22	-	-		0.08	0.09	0.17	-7.60	-1.00	6.60	
6705	65	0.03	0.03	0.06	-12.09	-	-		0.07	0.07	0.14	-8.47	-1.00	7.47	
	66	0.03	0.03	0.06	-11.89	-	-		0.08	0.07	0.15	-8.27	-1.00	7.27	
6865	65	0.03	0.03	0.06	-12.49	-	-		0.06	0.07	0.13	-8.87	-1.00	7.87	
	66	0.03	0.03	0.06	-12.56	-	-		0.06	0.07	0.13	-8.94	-1.00	7.94	
6945	65	0.03	0.03	0.06	-12.26	-	-		0.08	0.06	0.14	-8.64	-1.00	7.64	
	66	0.03	0.03	0.06	-12.33	-	-		0.07	0.07	0.13	-8.71	-1.00	7.71	
7025	65	0.03	0.03	0.05	-12.60	-	-		0.06	0.06	0.13	-8.98	-1.00	7.98	
	66	0.03	0.03	0.05	-12.75	-	-		0.06	0.06	0.12	-9.13	-1.00	8.13	

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]
6545	65	0.07	-27.21	3.43	9.99	3.62	-13.72	-10.10	-27.65	3.45	10.11	3.62	-14.01	-10.39
	66	0.07	-27.83	3.43	9.99	3.62	-14.35	-10.73	-27.55	3.45	10.11	3.62	-13.91	-10.29
6625	65	0.07	-28.34	3.45	9.99	3.62	-14.83	-11.21	-27.70	3.47	10.11	3.62	-14.04	-10.42
	66	0.07	-28.16	3.45	9.99	3.62	-14.64	-11.02	-27.52	3.47	10.11	3.62	-13.86	-10.24
6705	65	0.07	-28.65	3.47	9.99	3.62	-15.11	-11.49	-28.77	3.50	10.12	3.62	-15.09	-11.47
	66	0.07	-28.39	3.47	9.99	3.62	-14.86	-11.24	-28.63	3.50	10.12	3.62	-14.94	-11.32
6865	65	0.07	-29.52	3.52	9.99	3.62	-15.94	-12.32	-28.84	3.54	10.12	3.62	-15.11	-11.49
	66	0.07	-29.37	3.52	9.99	3.62	-15.79	-12.17	-29.09	3.54	10.12	3.62	-15.36	-11.74
6945	65	0.07	-28.45	3.54	9.99	3.62	-14.85	-11.23	-29.49	3.56	10.12	3.62	-15.74	-12.12
	66	0.07	-28.84	3.54	9.99	3.62	-15.24	-11.62	-29.19	3.56	10.12	3.62	-15.44	-11.82
7025	65	0.07	-29.18	3.56	9.99	3.62	-15.55	-11.93	-29.45	3.58	10.12	3.62	-15.68	-12.06
	66	0.07	-29.31	3.56	9.99	3.62	-15.69	-12.07	-29.61	3.58	10.12	3.62	-15.83	-12.21

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-80(OFDMA)(CDD), 484-tone RU

