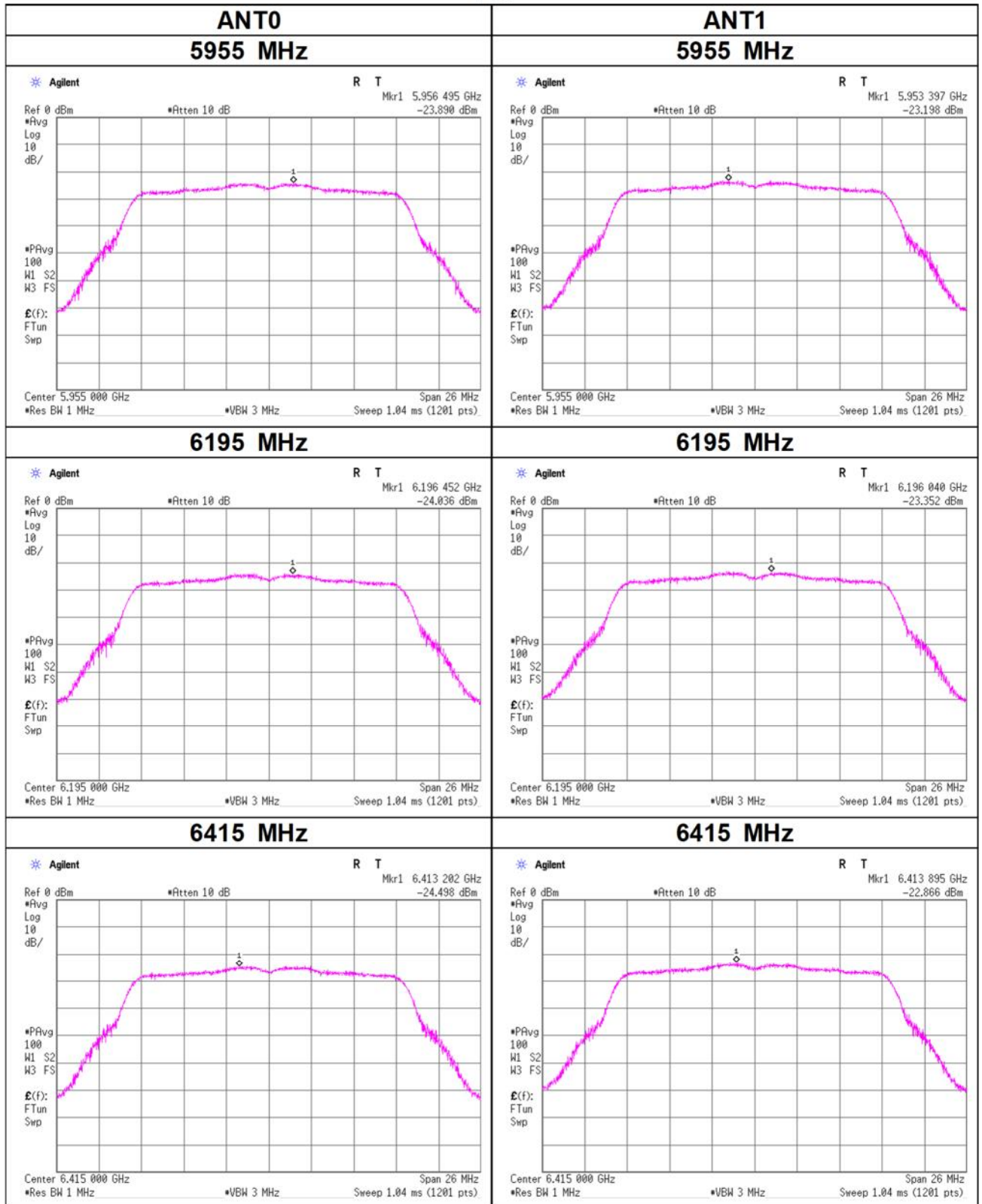


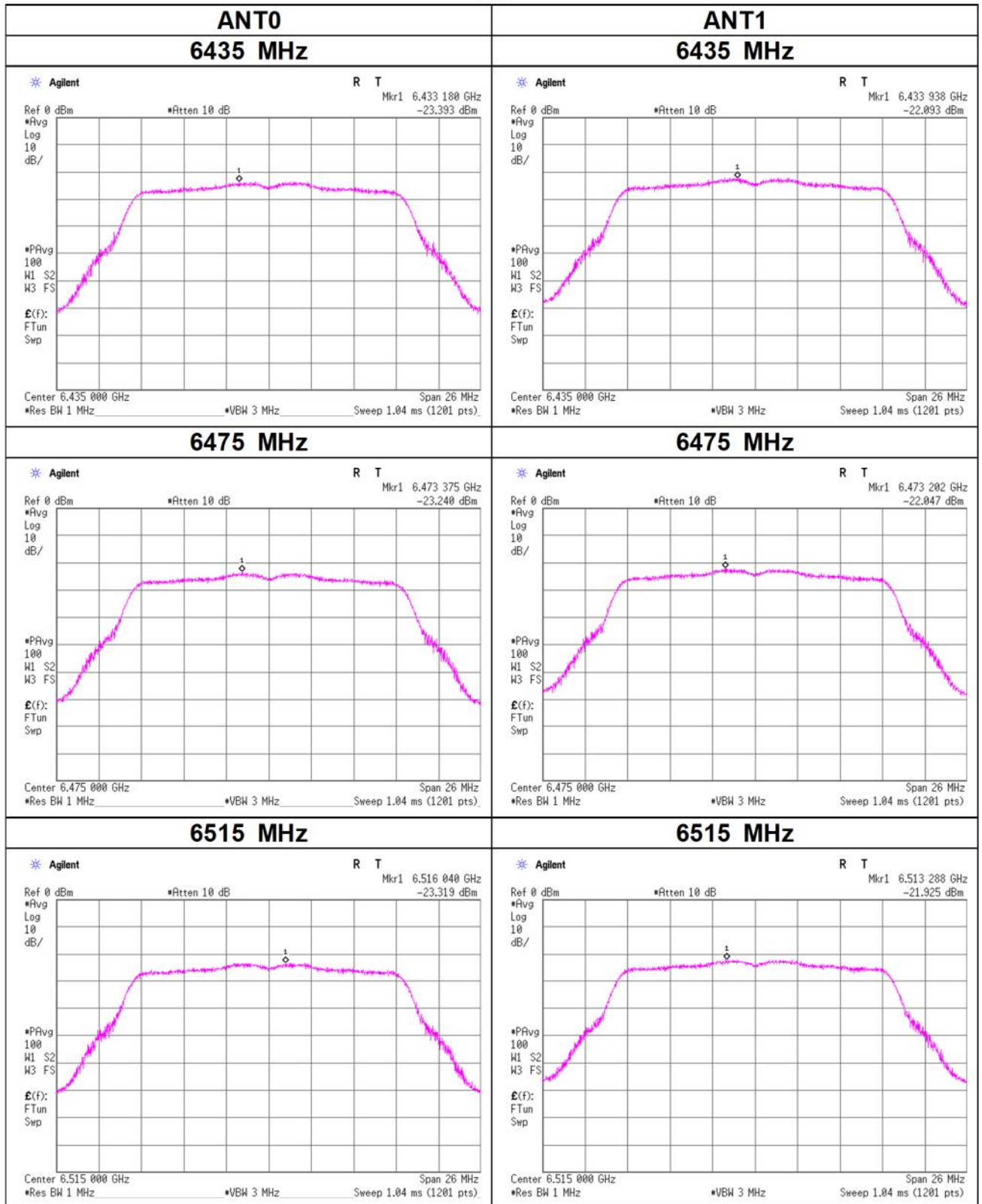
Maximum Power Spectral Density

11a



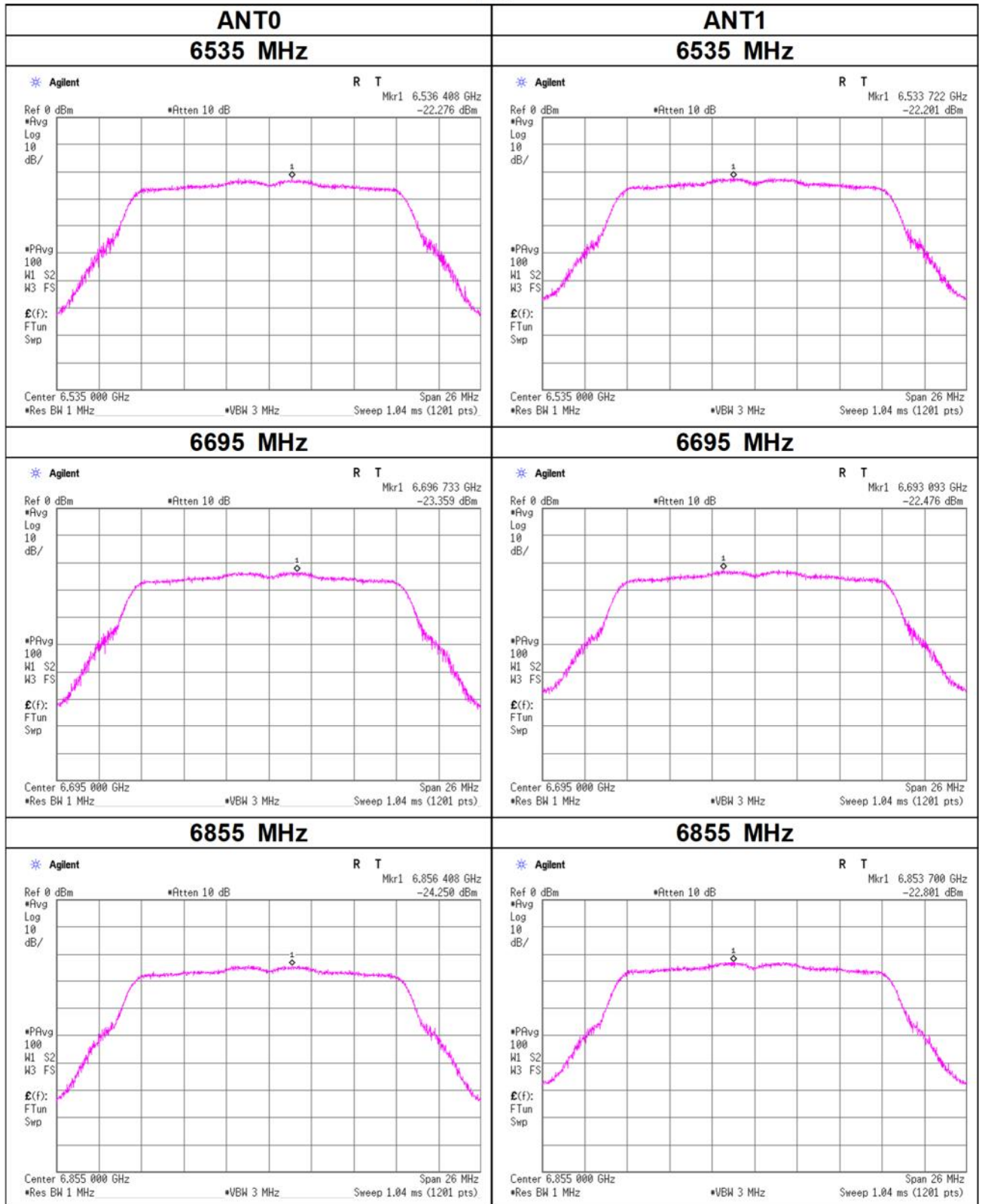
Maximum Power Spectral Density

11a



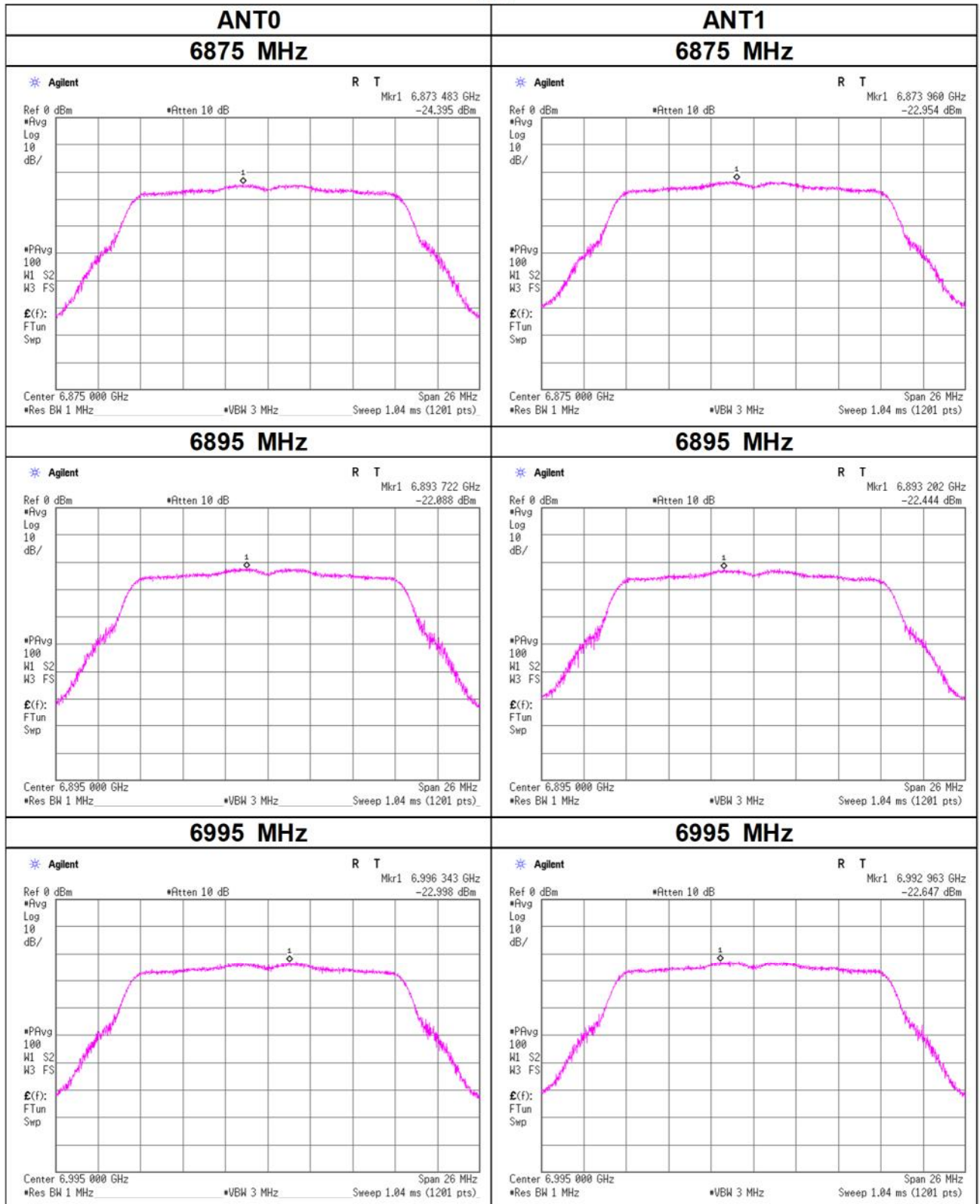
Maximum Power Spectral Density

11a



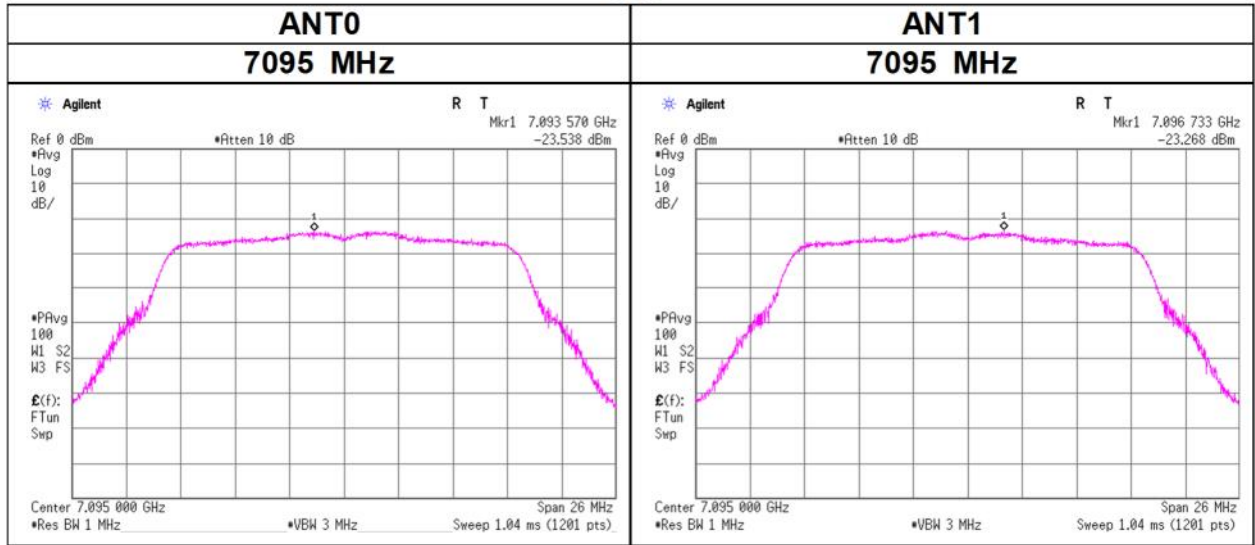
Maximum Power Spectral Density

11a



Maximum Power Spectral Density

11a



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date January 30, 2024 February 21, 2024
Temperature / Humidity 24 deg. C / 25 % RH 25 deg. C / 47 % RH
Engineer Kenichi Adachi Kenichi Adachi
Mode Tx 11ax-20(OFDM) (SDM).

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	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]			
5955	0.18	0.21	0.39	-4.05	-	-	0.26	0.31	0.57	-2.44	-1.00	1.44
6195	0.16	0.21	0.37	-4.28	-	-	0.23	0.31	0.54	-2.67	-1.00	1.67
6415	0.16	0.19	0.35	-4.53	-	-	0.24	0.27	0.51	-2.92	-1.00	1.92
6435	0.16	0.27	0.43	-3.70	-	-	0.23	0.39	0.62	-2.09	-1.00	1.09
6475	0.14	0.26	0.40	-4.01	-	-	0.20	0.37	0.58	-2.40	-1.00	1.40
6515	0.18	0.25	0.43	-3.71	-	-	0.26	0.36	0.62	-2.10	-1.00	1.10
6535	0.23	0.29	0.52	-2.86	-	-	0.26	0.33	0.59	-2.26	-1.00	1.26
6695	0.22	0.27	0.49	-3.11	-	-	0.25	0.31	0.56	-2.51	-1.00	1.51
6855	0.20	0.24	0.44	-3.59	-	-	0.23	0.27	0.50	-2.99	-1.00	1.99
6875	0.19	0.23	0.42	-3.76	-	-	0.21	0.27	0.48	-3.16	-1.00	2.16
6895	0.31	0.27	0.58	-2.37	-	-	0.36	0.31	0.67	-1.77	-1.00	0.77
6995	0.28	0.23	0.51	-2.95	-	-	0.32	0.26	0.58	-2.35	-1.00	1.35
7095	0.26	0.22	0.48	-3.21	-	-	0.30	0.25	0.55	-2.61	-1.00	1.61

		ANT0						ANT1					
Tested Frequency	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	0.07	-20.72	3.27	9.98	1.61	-7.40	-5.79	-20.20	3.29	10.10	1.61	-6.75	-5.14
6195	0.07	-21.32	3.33	9.98	1.61	-7.93	-6.32	-20.26	3.35	10.10	1.61	-6.73	-5.12
6415	0.07	-21.33	3.39	9.99	1.61	-7.88	-6.27	-20.83	3.42	10.11	1.61	-7.23	-5.62
6435	0.07	-21.54	3.40	9.99	1.61	-8.08	-6.47	-19.27	3.42	10.11	1.61	-5.67	-4.06
6475	0.07	-21.97	3.41	9.99	1.61	-8.50	-6.89	-19.53	3.43	10.11	1.61	-5.91	-4.30
6515	0.07	-21.01	3.42	9.99	1.61	-7.54	-5.93	-19.66	3.44	10.11	1.61	-6.04	-4.43
6535	0.07	-18.13	1.43	10.23	0.60	-6.40	-5.80	-16.82	1.40	9.95	0.60	-5.39	-4.79
6695	0.07	-18.41	1.45	10.23	0.60	-6.66	-6.06	-17.09	1.42	9.95	0.60	-5.64	-5.04
6855	0.07	-18.80	1.47	10.23	0.60	-7.03	-6.43	-17.67	1.44	9.95	0.60	-6.21	-5.61
6875	0.07	-19.05	1.47	10.23	0.60	-7.28	-6.68	-17.78	1.44	9.95	0.60	-6.31	-5.71
6895	0.07	-16.86	1.47	10.23	0.60	-5.09	-4.49	-17.16	1.45	9.95	0.60	-5.69	-5.09
6995	0.07	-17.29	1.48	10.23	0.60	-5.51	-4.91	-17.94	1.46	9.96	0.60	-6.46	-5.86
7095	0.07	-17.69	1.49	10.23	0.60	-5.89	-5.29	-18.06	1.47	9.96	0.60	-6.56	-5.96

Sample Calculation:

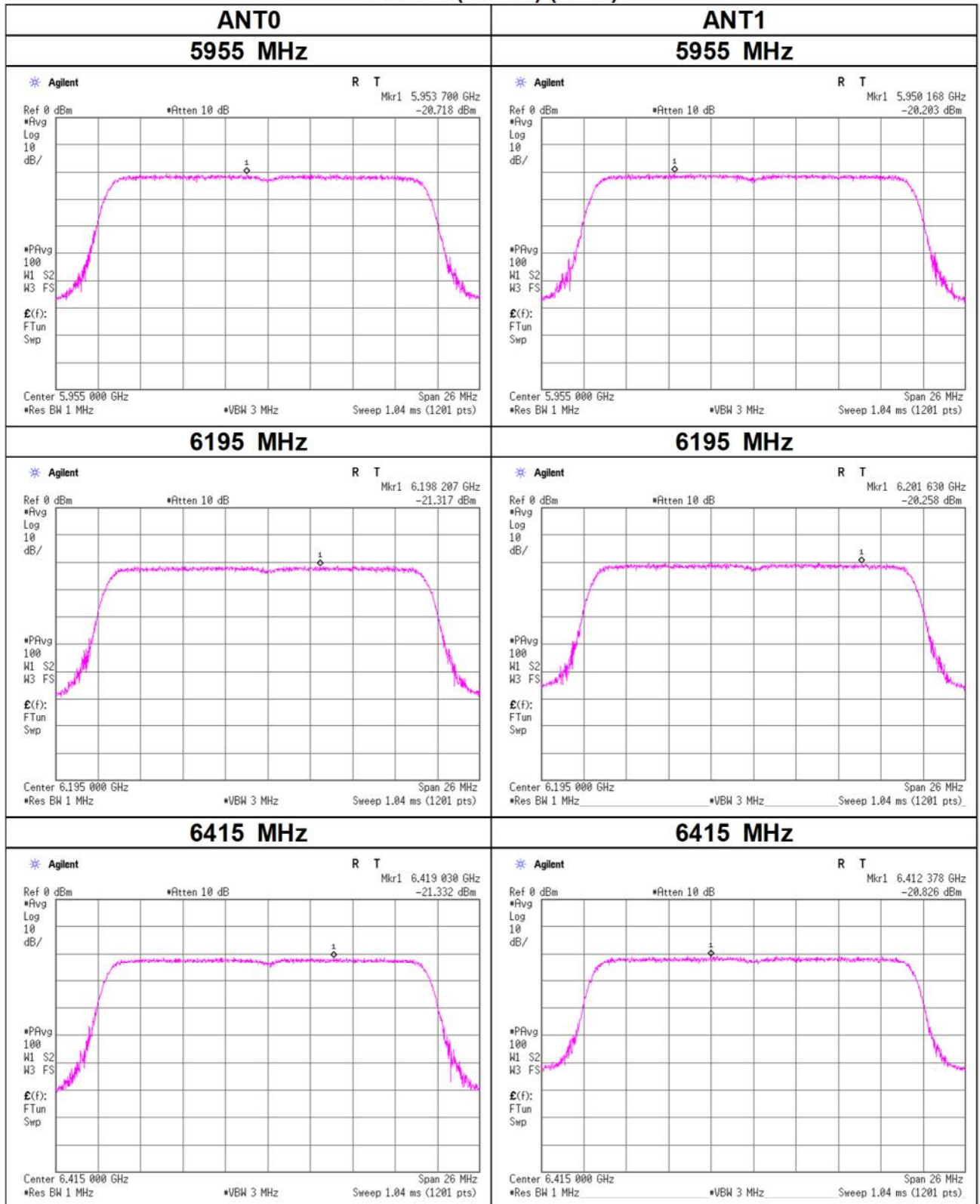
PSD: Power Spectral Density

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

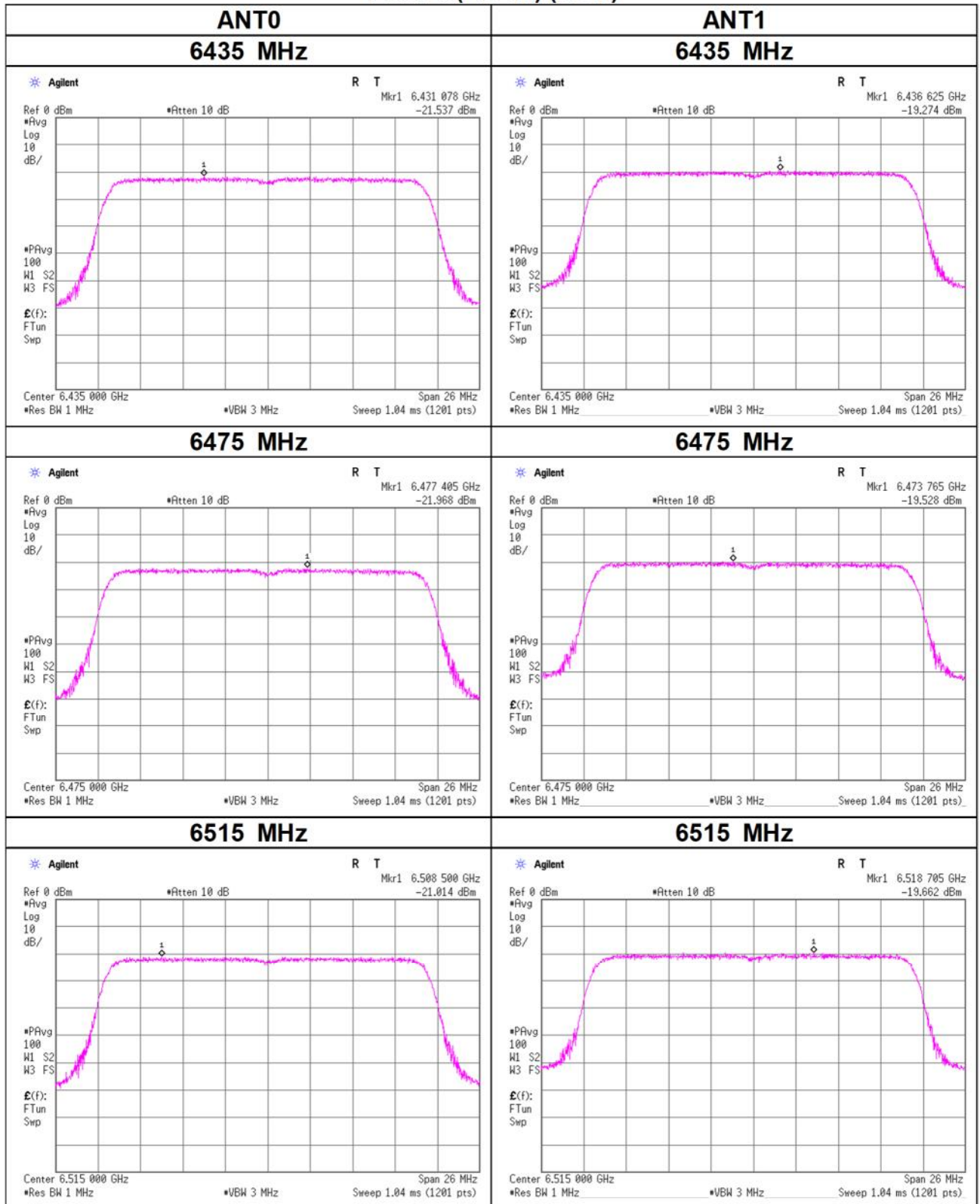
Maximum Power Spectral Density

11ax-20(OFDM) (SDM)



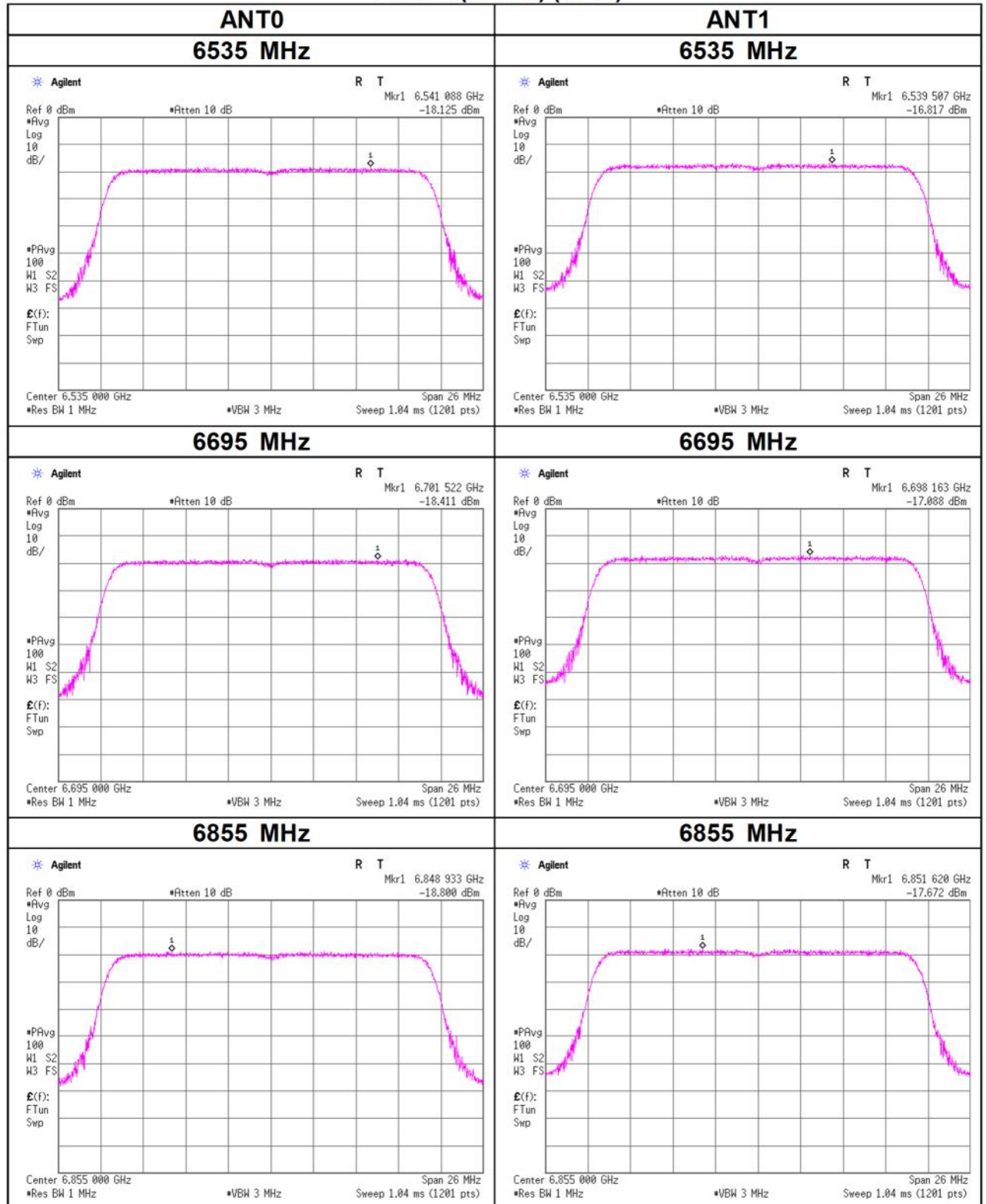
Maximum Power Spectral Density

11ax-20(OFDM) (SDM)



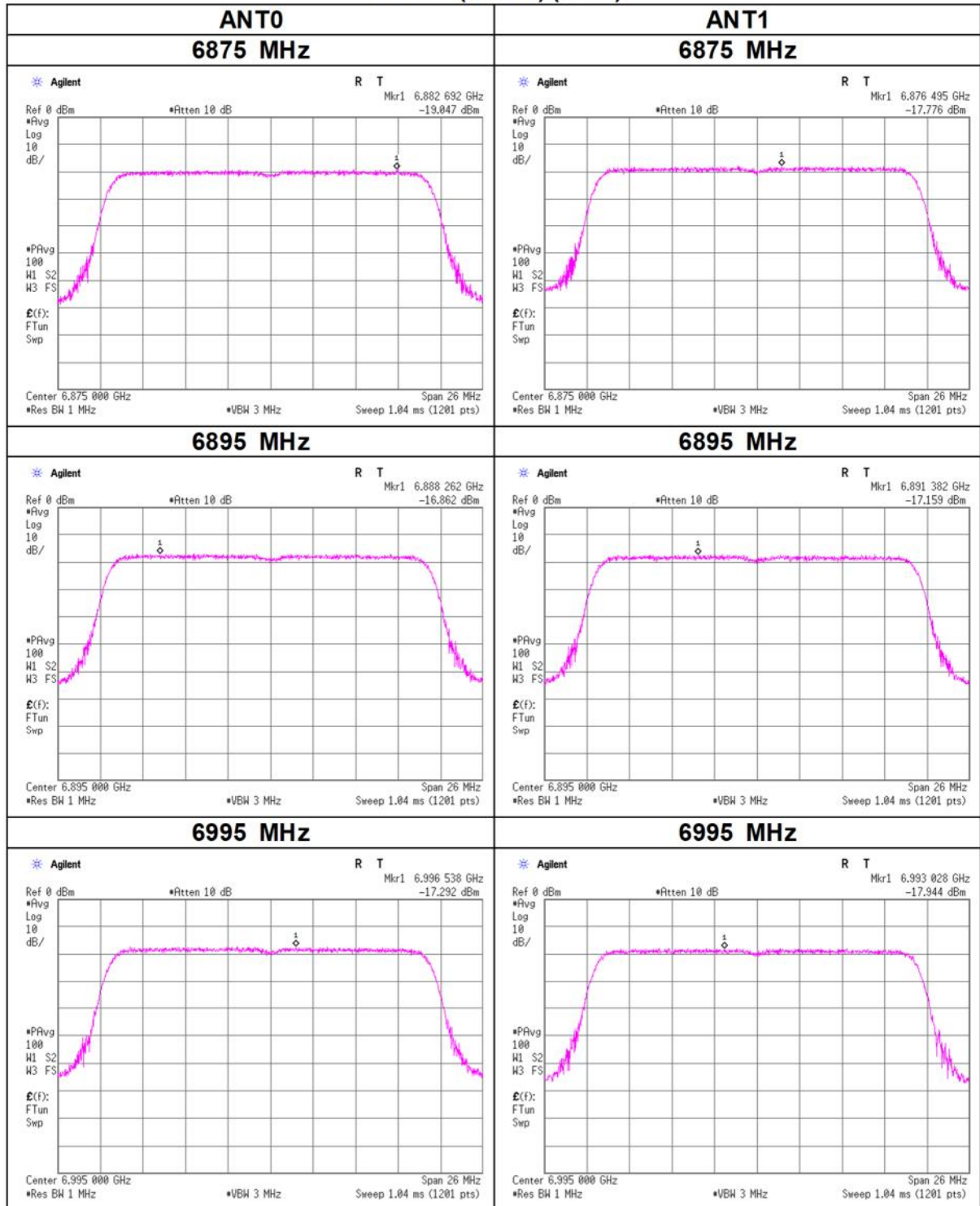
Maximum Power Spectral Density

11ax-20(OFDM) (SDM)



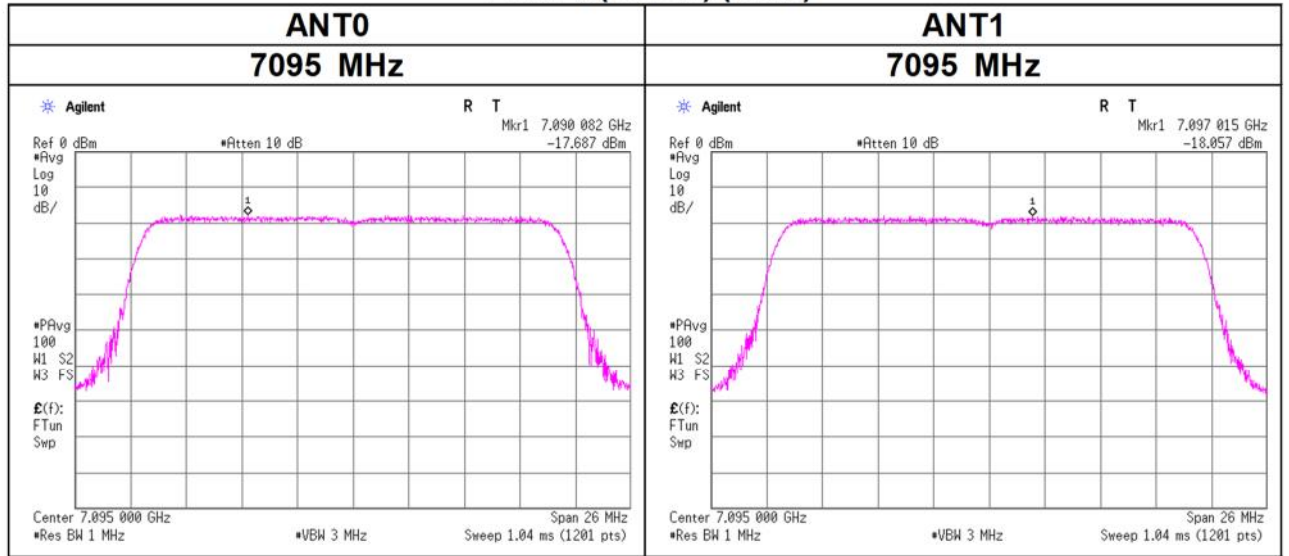
Maximum Power Spectral Density

11ax-20(OFDM) (SDM)



Maximum Power Spectral Density

11ax-20(OFDM) (SDM)



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date January 30, 2024
Temperature / Humidity 24 deg. C / 25 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20(OFDM) (CDD).

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	PSD (Cond.)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0	ANT1	Sum				ANT0	ANT1	Sum			
[MHz]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	0.09	0.10	0.19	-7.28	-	-	0.26	0.28	0.54	-2.65	-1.00	1.65
6195	0.09	0.10	0.19	-7.17	-	-	0.26	0.30	0.56	-2.54	-1.00	1.54
6415	0.08	0.12	0.19	-7.12	-	-	0.22	0.34	0.56	-2.49	-1.00	1.49
6435	0.07	0.12	0.19	-7.15	-	-	0.21	0.35	0.56	-2.52	-1.00	1.52
6475	0.07	0.10	0.17	-7.65	-	-	0.20	0.30	0.50	-3.02	-1.00	2.02
6515	0.07	0.10	0.17	-7.68	-	-	0.21	0.28	0.50	-3.05	-1.00	2.05
6535	0.10	0.10	0.20	-6.98	-	-	0.22	0.24	0.46	-3.36	-1.00	2.36
6695	0.08	0.10	0.18	-7.51	-	-	0.18	0.23	0.41	-3.89	-1.00	2.89
6855	0.06	0.09	0.15	-8.29	-	-	0.14	0.20	0.34	-4.67	-1.00	3.67
6875	0.06	0.09	0.15	-8.31	-	-	0.14	0.20	0.34	-4.69	-1.00	3.69
6895	0.10	0.08	0.18	-7.38	-	-	0.24	0.18	0.42	-3.76	-1.00	2.76
6995	0.08	0.08	0.16	-7.92	-	-	0.19	0.19	0.37	-4.30	-1.00	3.30
7095	0.08	0.08	0.16	-7.98	-	-	0.18	0.19	0.37	-4.36	-1.00	3.36

		ANT0						ANT1					
Tested Frequency	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]
5955	0.07	-23.71	3.27	9.98	4.63	-10.40	-5.77	-23.64	3.29	10.10	4.63	-10.19	-5.56
6195	0.07	-23.87	3.33	9.98	4.63	-10.48	-5.85	-23.42	3.35	10.10	4.63	-9.89	-5.26
6415	0.07	-24.61	3.39	9.99	4.63	-11.16	-6.53	-22.90	3.42	10.11	4.63	-9.30	-4.67
6435	0.07	-24.97	3.40	9.99	4.63	-11.51	-6.88	-22.74	3.42	10.11	4.63	-9.14	-4.51
6475	0.07	-25.05	3.41	9.99	4.63	-11.58	-6.95	-23.51	3.43	10.11	4.63	-9.89	-5.26
6515	0.07	-24.86	3.42	9.99	4.63	-11.39	-6.76	-23.72	3.44	10.11	4.63	-10.09	-5.46
6535	0.07	-23.62	3.43	9.99	3.62	-10.14	-6.52	-23.49	3.45	10.11	3.62	-9.86	-6.24
6695	0.07	-24.62	3.47	9.99	3.62	-11.09	-7.47	-23.69	3.49	10.12	3.62	-10.01	-6.39
6855	0.07	-25.84	3.52	9.99	3.62	-12.27	-8.65	-24.24	3.54	10.12	3.62	-10.52	-6.90
6875	0.07	-25.69	3.52	9.99	3.62	-12.10	-8.48	-24.38	3.54	10.12	3.62	-10.65	-7.03
6895	0.07	-23.48	3.53	9.99	3.62	-9.89	-6.27	-24.70	3.55	10.12	3.62	-10.96	-7.34
6995	0.07	-24.55	3.56	9.99	3.62	-10.93	-7.31	-24.69	3.58	10.12	3.62	-10.93	-7.31
7095	0.07	-24.73	3.58	9.99	3.62	-11.08	-7.46	-24.68	3.60	10.12	3.62	-10.89	-7.27

Sample Calculation:

PSD: Power Spectral Density

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

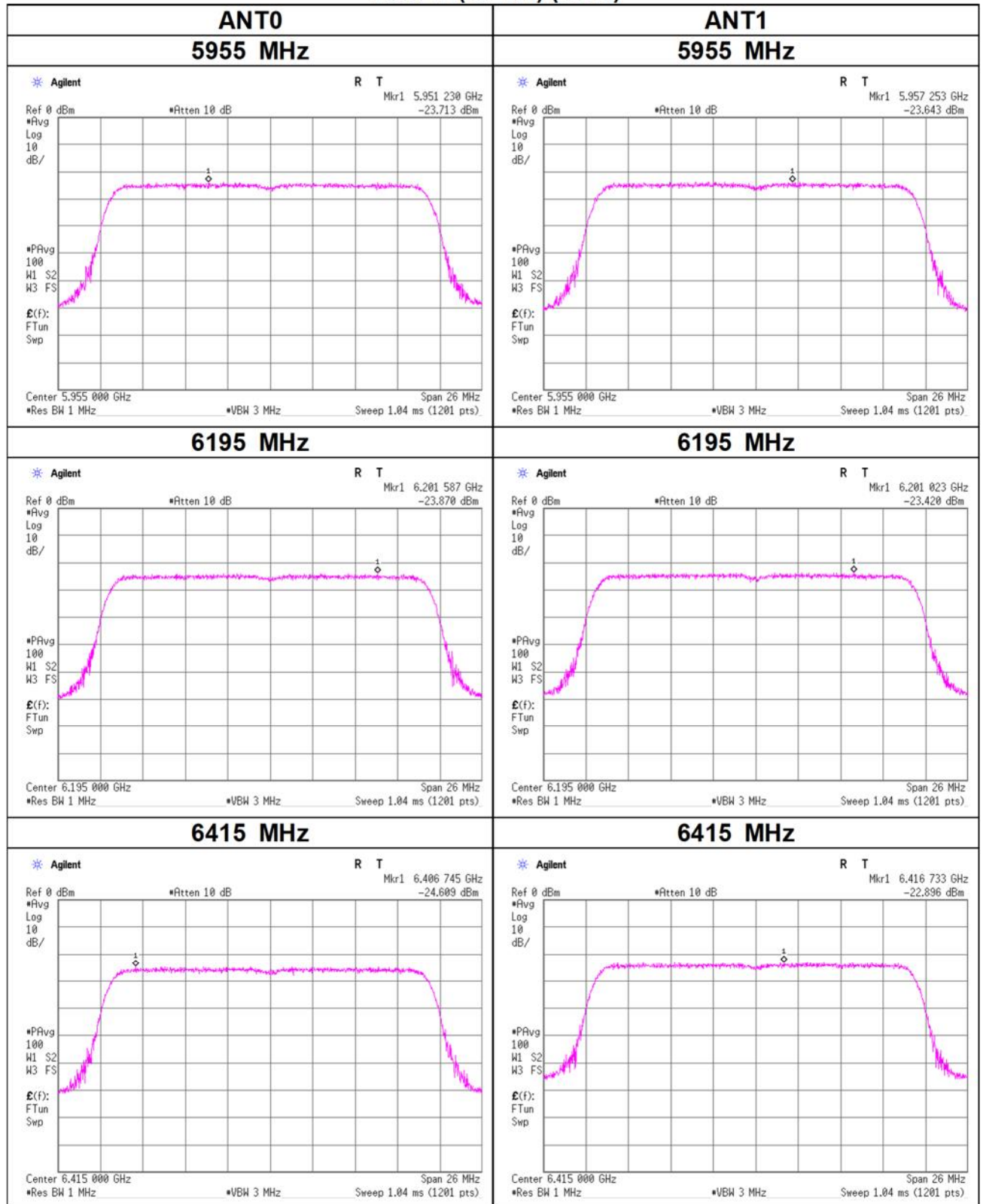
PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

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

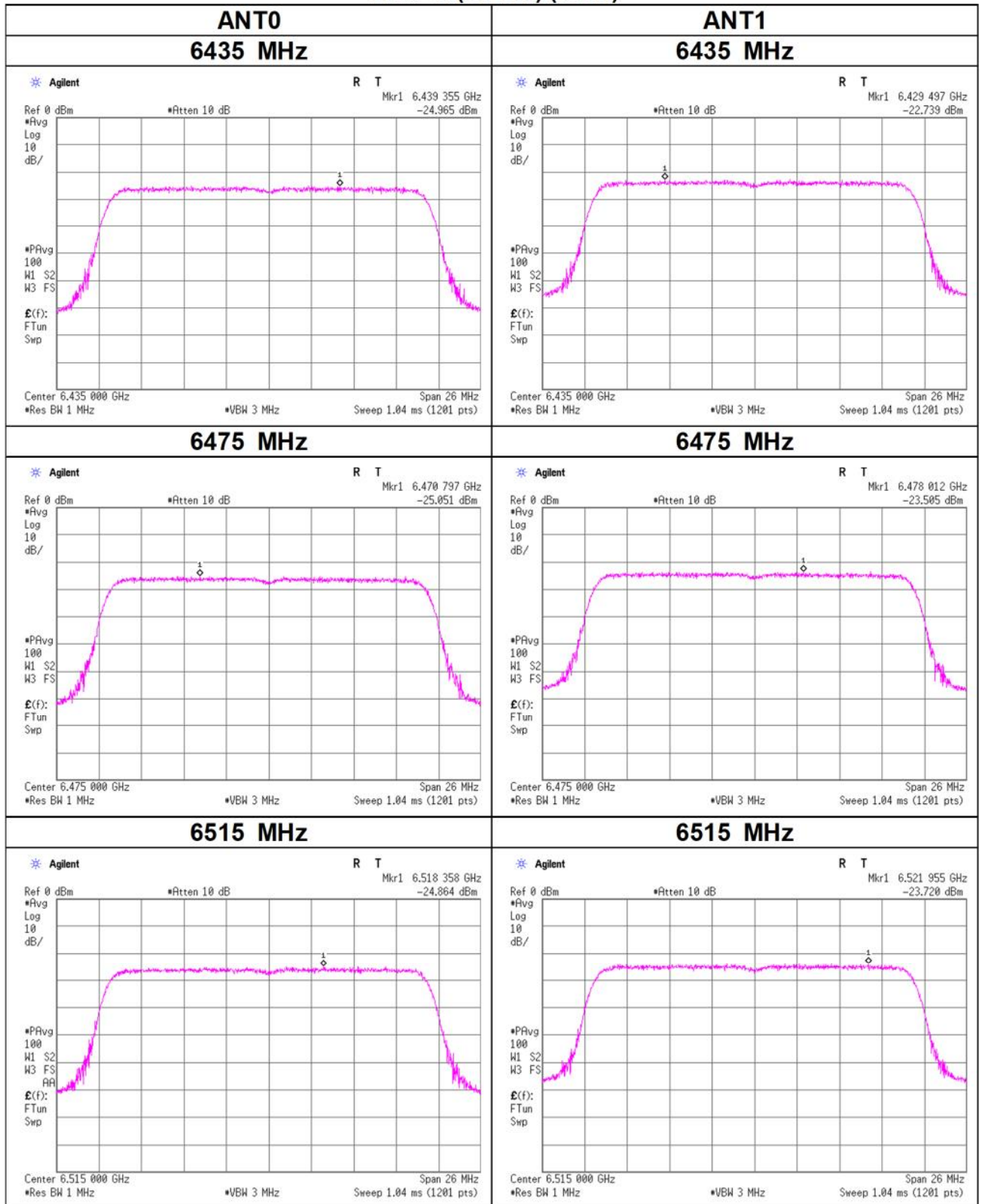
Maximum Power Spectral Density

11ax-20(OFDM) (CDD)



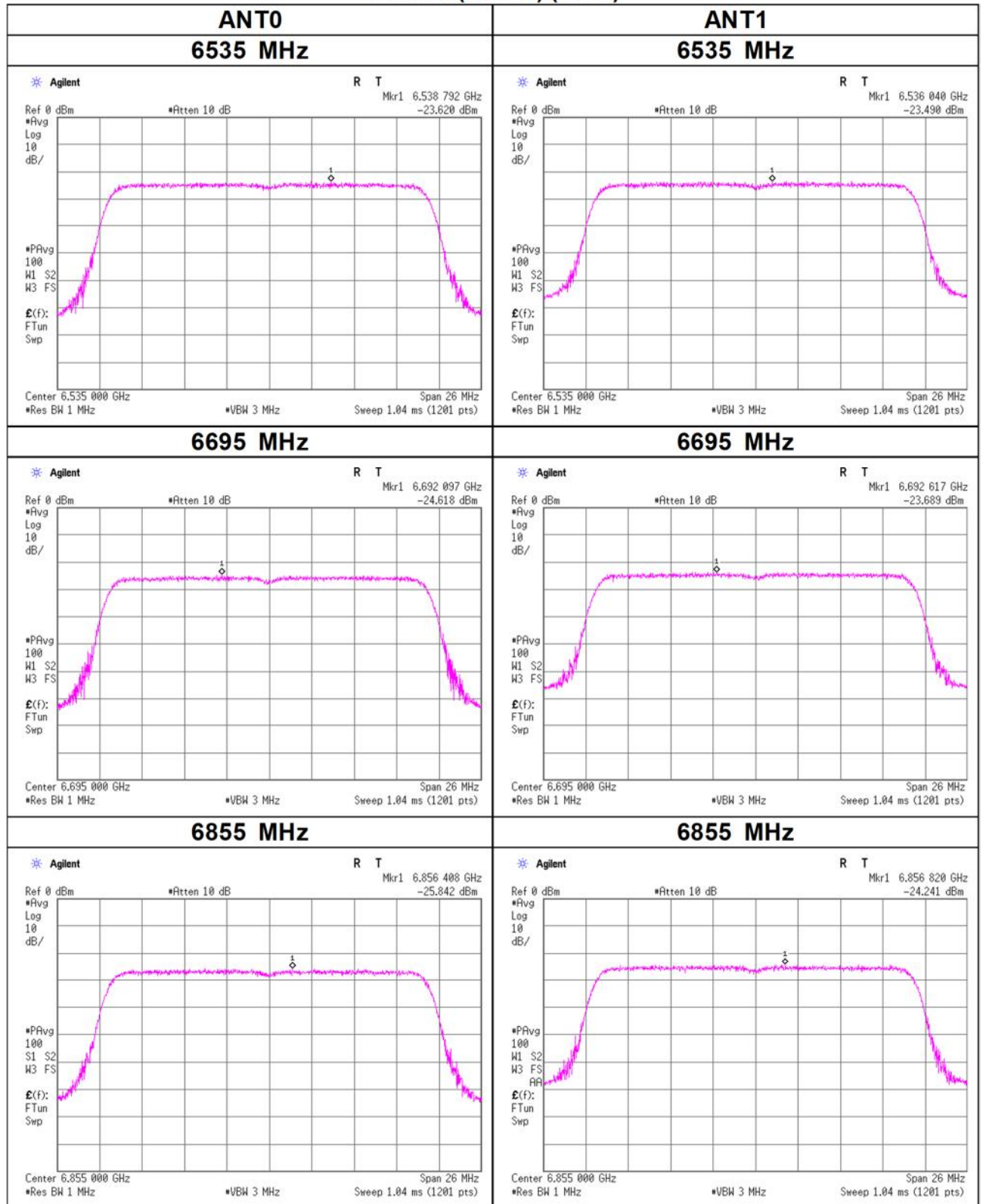
Maximum Power Spectral Density

11ax-20(OFDM) (CDD)



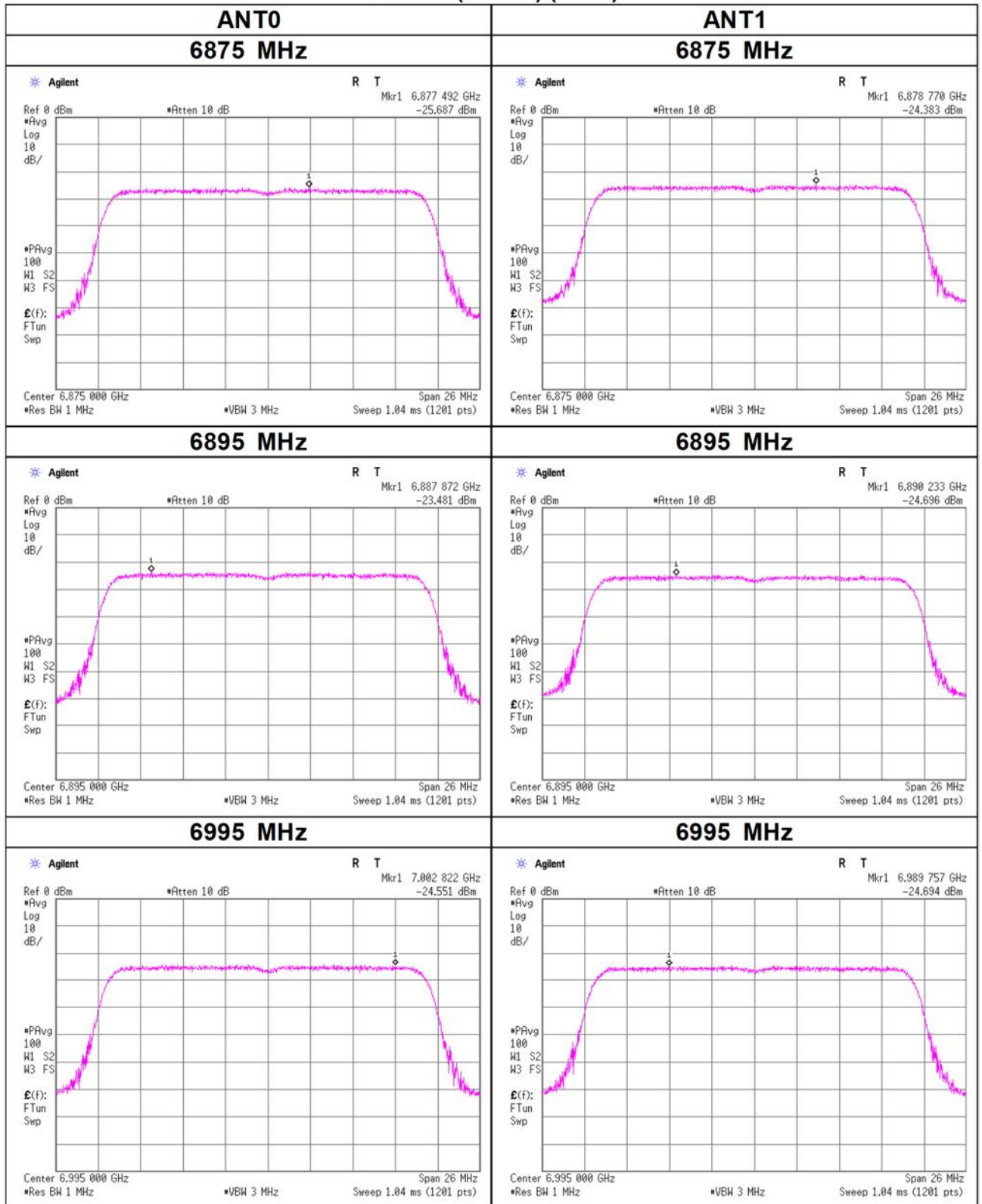
Maximum Power Spectral Density

11ax-20(OFDM) (CDD)



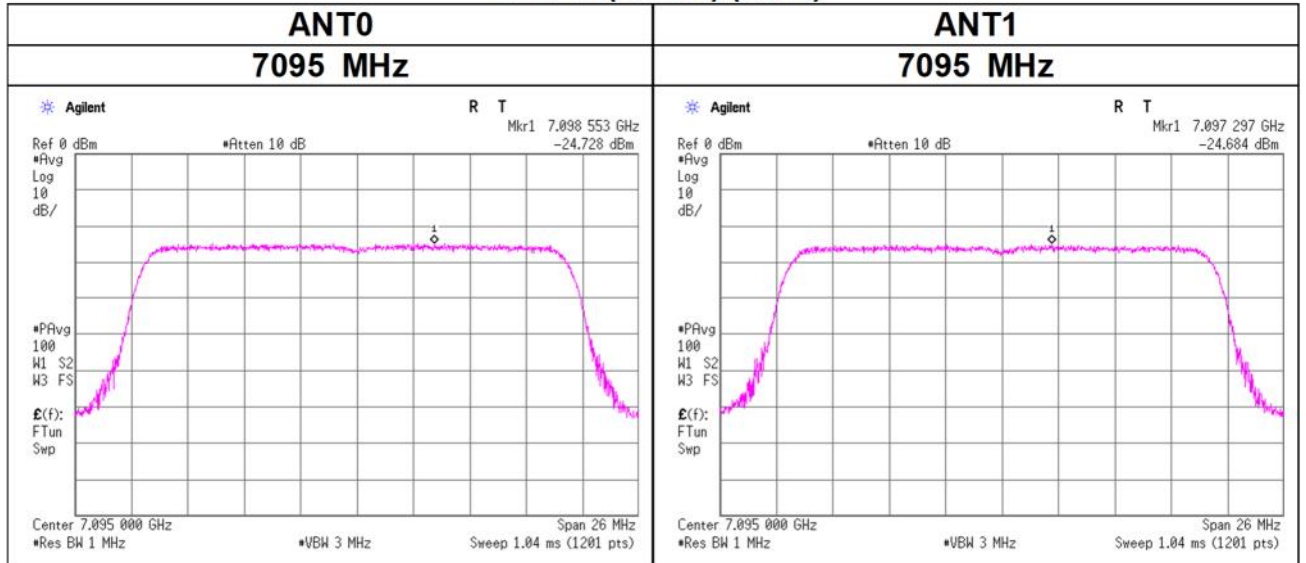
Maximum Power Spectral Density

11ax-20(OFDM) (CDD)



Maximum Power Spectral Density

11ax-20(OFDM) (CDD)



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 1, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 26-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	0	0.14	0.15	0.29	-5.37	-	-	0.21	0.21	0.42	-3.76	-1.00	2.76
	4	0.11	0.12	0.24	-6.24	-	-	0.16	0.18	0.34	-4.63	-1.00	3.63
	8	0.15	0.15	0.30	-5.27	-	-	0.21	0.22	0.43	-3.66	-1.00	2.66
6195	0	0.13	0.15	0.28	-5.53	-	-	0.19	0.21	0.41	-3.92	-1.00	2.92
	4	0.11	0.12	0.24	-6.23	-	-	0.17	0.18	0.35	-4.62	-1.00	3.62
	8	0.13	0.15	0.28	-5.51	-	-	0.19	0.21	0.41	-3.90	-1.00	2.90
6415	0	0.13	0.14	0.27	-5.67	-	-	0.18	0.21	0.39	-4.06	-1.00	3.06
	4	0.10	0.13	0.23	-6.43	-	-	0.15	0.18	0.33	-4.82	-1.00	3.82
	8	0.12	0.15	0.27	-5.69	-	-	0.17	0.22	0.39	-4.08	-1.00	3.08
6435	0	0.14	0.20	0.34	-4.68	-	-	0.21	0.28	0.49	-3.07	-1.00	2.07
	4	0.12	0.17	0.30	-5.28	-	-	0.18	0.25	0.43	-3.67	-1.00	2.67
	8	0.12	0.20	0.32	-4.96	-	-	0.18	0.28	0.46	-3.35	-1.00	2.35
6475	0	0.14	0.21	0.35	-4.53	-	-	0.21	0.30	0.51	-2.92	-1.00	1.92
	4	0.11	0.16	0.28	-5.60	-	-	0.16	0.24	0.40	-3.99	-1.00	2.99
	8	0.12	0.16	0.29	-5.45	-	-	0.18	0.24	0.41	-3.84	-1.00	2.84
6515	0	0.13	0.18	0.31	-5.09	-	-	0.18	0.27	0.45	-3.48	-1.00	2.48
	4	0.13	0.16	0.29	-5.38	-	-	0.19	0.23	0.42	-3.77	-1.00	2.77
	8	0.13	0.18	0.31	-5.07	-	-	0.18	0.27	0.45	-3.46	-1.00	2.46

		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	0	0.08	-21.79	3.27	9.98	1.61	-8.46	-6.85	-21.77	3.29	10.10	1.61	-8.31	-6.70	
	4	0.08	-22.77	3.27	9.98	1.61	-9.45	-7.84	-22.52	3.29	10.10	1.61	-9.06	-7.45	
	8	0.08	-21.71	3.27	9.98	1.61	-8.38	-6.77	-21.64	3.29	10.10	1.61	-8.18	-6.57	
6195	0	0.08	-22.20	3.33	9.98	1.61	-8.80	-7.19	-21.82	3.35	10.10	1.61	-8.29	-6.68	
	4	0.08	-22.82	3.33	9.98	1.61	-9.42	-7.81	-22.60	3.35	10.10	1.61	-9.06	-7.45	
	8	0.08	-22.13	3.33	9.98	1.61	-8.73	-7.12	-21.85	3.35	10.10	1.61	-8.31	-6.70	
6415	0	0.08	-22.45	3.39	9.99	1.61	-8.99	-7.38	-22.00	3.42	10.11	1.61	-8.40	-6.79	
	4	0.08	-23.38	3.39	9.99	1.61	-9.92	-8.31	-22.62	3.42	10.11	1.61	-9.01	-7.40	
	8	0.08	-22.80	3.39	9.99	1.61	-9.34	-7.73	-21.75	3.42	10.11	1.61	-8.14	-6.53	
6435	0	0.08	-21.86	3.40	9.99	1.61	-8.40	-6.79	-20.69	3.42	10.11	1.61	-7.08	-5.47	
	4	0.08	-22.54	3.40	9.99	1.61	-9.07	-7.46	-21.25	3.42	10.11	1.61	-7.63	-6.02	
	8	0.08	-22.58	3.40	9.99	1.61	-9.12	-7.51	-20.68	3.42	10.11	1.61	-7.07	-5.46	
6475	0	0.08	-21.93	3.41	9.99	1.61	-8.45	-6.84	-20.41	3.43	10.11	1.61	-6.79	-5.18	
	4	0.08	-23.01	3.41	9.99	1.61	-9.53	-7.92	-21.47	3.43	10.11	1.61	-7.85	-6.24	
	8	0.08	-22.59	3.41	9.99	1.61	-9.11	-7.50	-21.51	3.43	10.11	1.61	-7.89	-6.28	
6515	0	0.08	-22.48	3.42	9.99	1.61	-8.99	-7.38	-21.00	3.44	10.11	1.61	-7.36	-5.75	
	4	0.08	-22.24	3.42	9.99	1.61	-8.75	-7.14	-21.70	3.44	10.11	1.61	-8.06	-6.45	
	8	0.08	-22.46	3.42	9.99	1.61	-8.97	-7.36	-20.98	3.44	10.11	1.61	-7.34	-5.73	

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 1, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 26-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	0	0.18	0.17	0.35	-4.60	-	-	0.21	0.19	0.40	-4.00	-1.00	3.00
	4	0.14	0.14	0.28	-5.49	-	-	0.16	0.17	0.32	-4.89	-1.00	3.89
	8	0.17	0.19	0.36	-4.43	-	-	0.19	0.22	0.41	-3.83	-1.00	2.83
6695	0	0.14	0.17	0.31	-5.05	-	-	0.16	0.20	0.36	-4.45	-1.00	3.45
	4	0.12	0.13	0.25	-5.95	-	-	0.14	0.15	0.29	-5.35	-1.00	4.35
	8	0.15	0.18	0.33	-4.80	-	-	0.18	0.21	0.38	-4.20	-1.00	3.20
6855	0	0.12	0.13	0.25	-6.06	-	-	0.14	0.15	0.28	-5.46	-1.00	4.46
	4	0.10	0.12	0.23	-6.43	-	-	0.12	0.14	0.26	-5.83	-1.00	4.83
	8	0.12	0.14	0.26	-5.80	-	-	0.14	0.16	0.30	-5.20	-1.00	4.20
6875	0	0.10	0.15	0.25	-6.09	-	-	0.11	0.17	0.28	-5.49	-1.00	4.49
	4	0.10	0.13	0.23	-6.41	-	-	0.11	0.15	0.26	-5.81	-1.00	4.81
	8	0.12	0.15	0.26	-5.80	-	-	0.13	0.17	0.30	-5.20	-1.00	4.20
6895	0	0.21	0.16	0.37	-4.32	-	-	0.24	0.18	0.42	-3.72	-1.00	2.72
	4	0.14	0.13	0.27	-5.76	-	-	0.16	0.15	0.31	-5.16	-1.00	4.16
	8	0.15	0.16	0.31	-5.08	-	-	0.18	0.18	0.36	-4.48	-1.00	3.48
6995	0	0.16	0.16	0.32	-4.89	-	-	0.19	0.19	0.37	-4.29	-1.00	3.29
	4	0.13	0.13	0.26	-5.93	-	-	0.15	0.15	0.29	-5.33	-1.00	4.33
	8	0.15	0.15	0.30	-5.18	-	-	0.17	0.17	0.35	-4.58	-1.00	3.58
7095	0	0.14	0.11	0.25	-5.98	-	-	0.16	0.13	0.29	-5.38	-1.00	4.38
	4	0.11	0.12	0.23	-6.34	-	-	0.13	0.14	0.27	-5.74	-1.00	4.74
	8	0.14	0.14	0.27	-5.63	-	-	0.16	0.16	0.31	-5.03	-1.00	4.03

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	
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6535	0	0.08	-20.92	3.43	9.99	0.60	-7.42	-6.82	-21.45	3.45	10.11	0.60	-7.80	-7.20
	4	0.08	-22.07	3.43	9.99	0.60	-8.58	-7.98	-22.06	3.45	10.11	0.60	-8.42	-7.82
	8	0.08	-21.29	3.43	9.99	0.60	-7.80	-7.20	-20.75	3.45	10.11	0.60	-7.11	-6.51
6695	0	0.08	-22.05	3.47	9.99	0.60	-8.51	-7.91	-21.35	3.49	10.12	0.60	-7.66	-7.06
	4	0.08	-22.70	3.47	9.99	0.60	-9.15	-8.55	-22.46	3.49	10.12	0.60	-8.77	-8.17
	8	0.08	-21.71	3.47	9.99	0.60	-8.17	-7.57	-21.17	3.49	10.12	0.60	-7.48	-6.88
6855	0	0.08	-22.77	3.52	9.99	0.60	-9.18	-8.58	-22.70	3.54	10.12	0.60	-8.97	-8.37
	4	0.08	-23.42	3.52	9.99	0.60	-9.84	-9.24	-22.81	3.54	10.12	0.60	-9.07	-8.47
	8	0.08	-22.75	3.52	9.99	0.60	-9.17	-8.57	-22.22	3.54	10.12	0.60	-8.48	-7.88
6875	0	0.08	-23.67	3.52	9.99	0.60	-10.07	-9.47	-22.05	3.54	10.12	0.60	-8.31	-7.71
	4	0.08	-23.73	3.52	9.99	0.60	-10.14	-9.54	-22.54	3.54	10.12	0.60	-8.80	-8.20
	8	0.08	-22.93	3.52	9.99	0.60	-9.34	-8.74	-22.08	3.54	10.12	0.60	-8.33	-7.73
6895	0	0.08	-20.34	3.53	9.99	0.60	-6.74	-6.14	-21.76	3.55	10.12	0.60	-8.01	-7.41
	4	0.08	-22.26	3.53	9.99	0.60	-8.66	-8.06	-22.62	3.55	10.12	0.60	-8.87	-8.27
	8	0.08	-21.71	3.53	9.99	0.60	-8.11	-7.51	-21.83	3.55	10.12	0.60	-8.08	-7.48
6995	0	0.08	-21.53	3.56	9.99	0.60	-7.90	-7.30	-21.67	3.58	10.12	0.60	-7.90	-7.30
	4	0.08	-22.57	3.56	9.99	0.60	-8.94	-8.34	-22.72	3.58	10.12	0.60	-8.94	-8.34
	8	0.08	-21.83	3.56	9.99	0.60	-8.20	-7.60	-21.96	3.58	10.12	0.60	-8.18	-7.58
7095	0	0.08	-22.19	3.58	9.99	0.60	-8.54	-7.94	-23.30	3.60	10.12	0.60	-9.49	-8.89
	4	0.08	-23.10	3.58	9.99	0.60	-9.44	-8.84	-23.07	3.60	10.12	0.60	-9.27	-8.67
	8	0.08	-22.25	3.58	9.99	0.60	-8.59	-7.99	-22.49	3.60	10.12	0.60	-8.68	-8.08

Sample Calculation:

PSD: Power Spectral Density

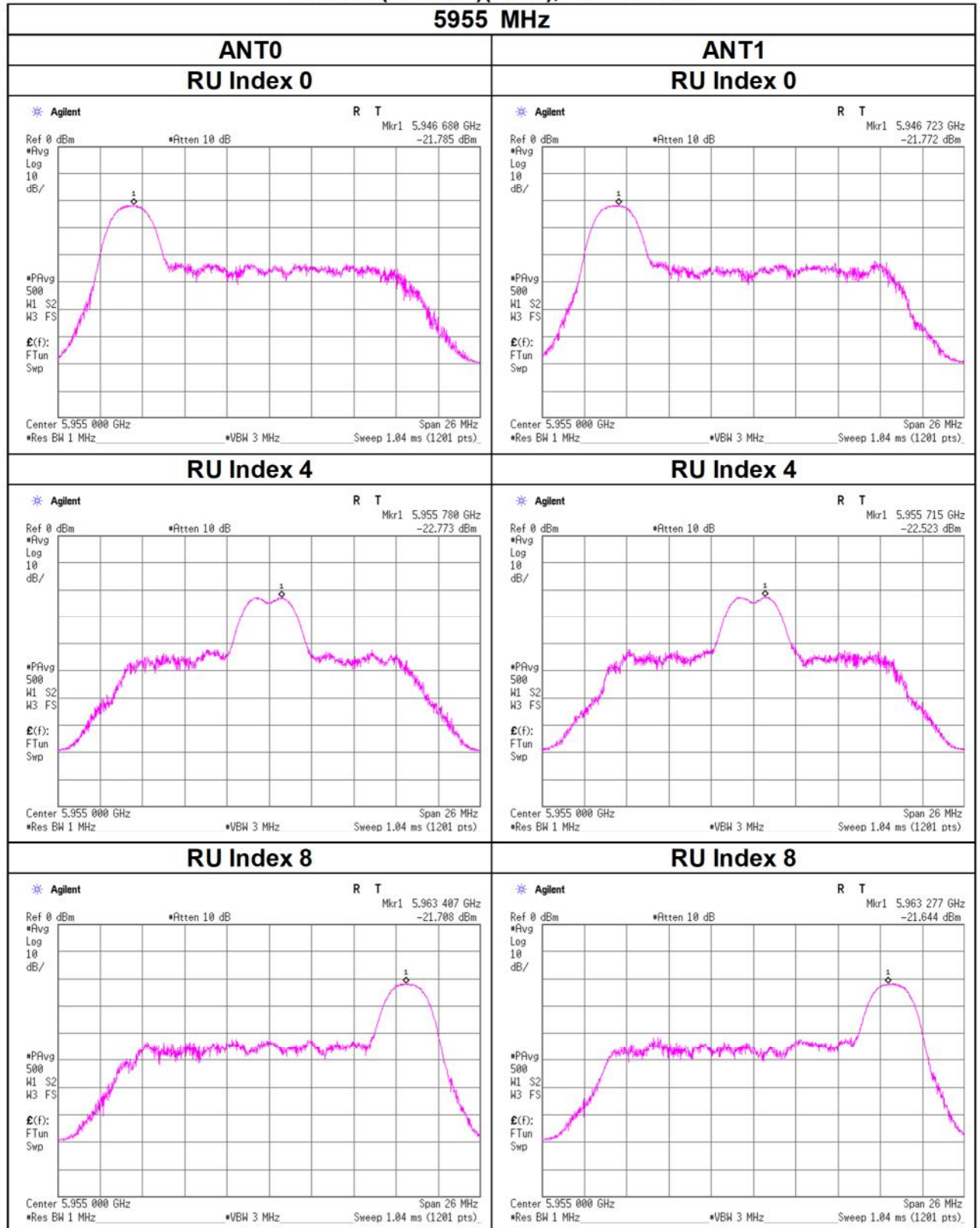
PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss + Duty Factor

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

Maximum Power Spectral Density

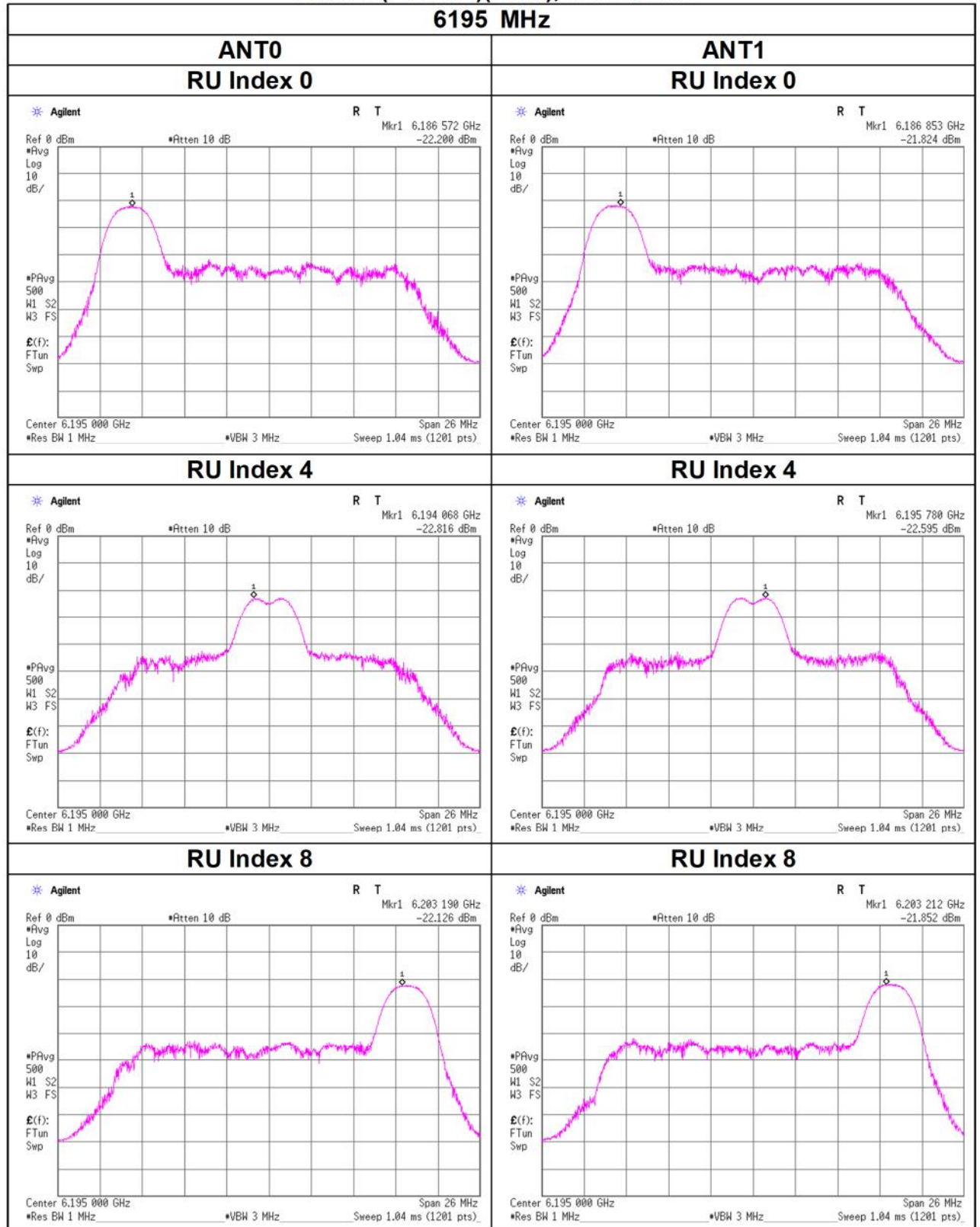
11ax-20(OFDMA)(SDM), 26-tone RU

5955 MHz



Maximum Power Spectral Density

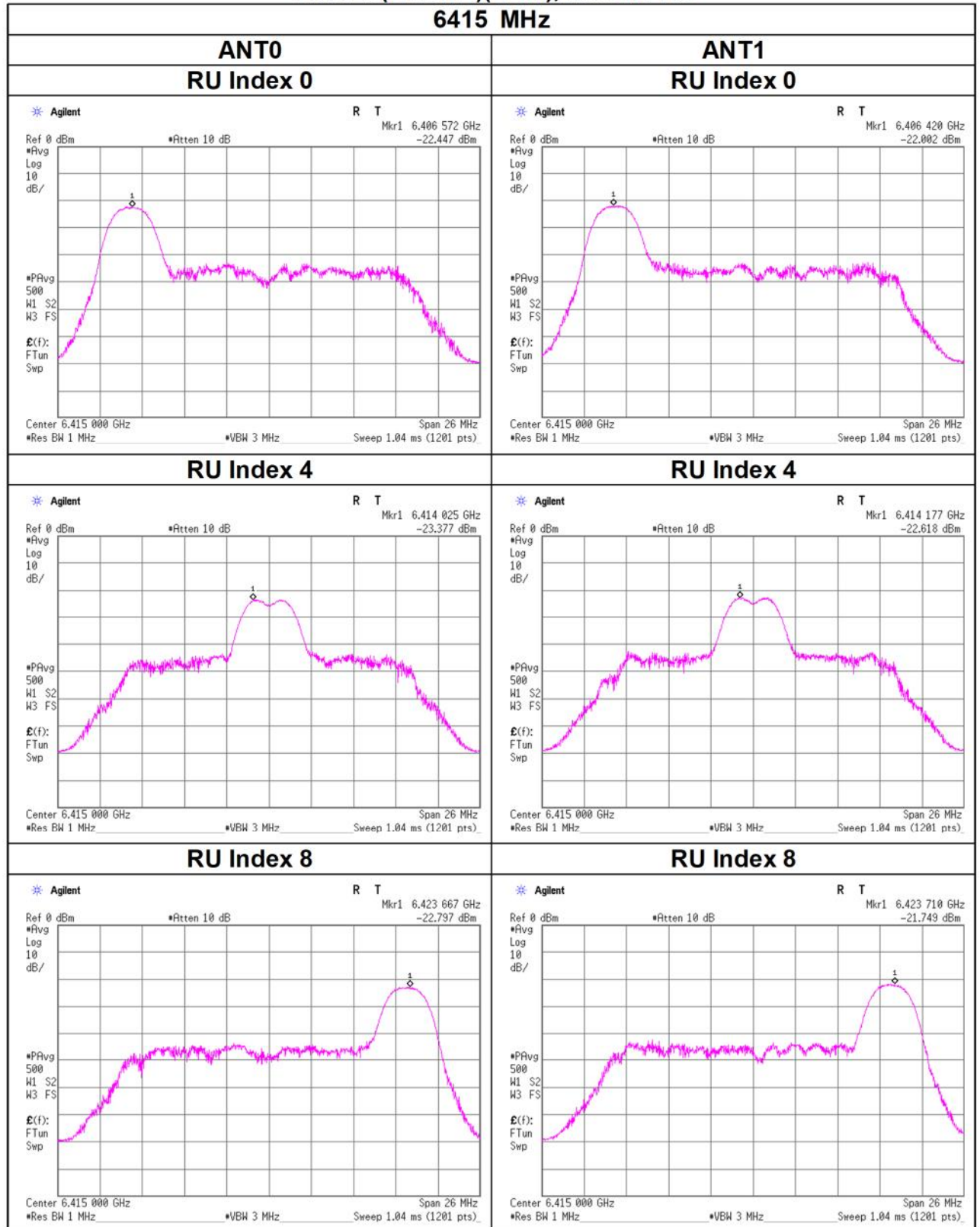
11ax-20(OFDMA)(SDM), 26-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

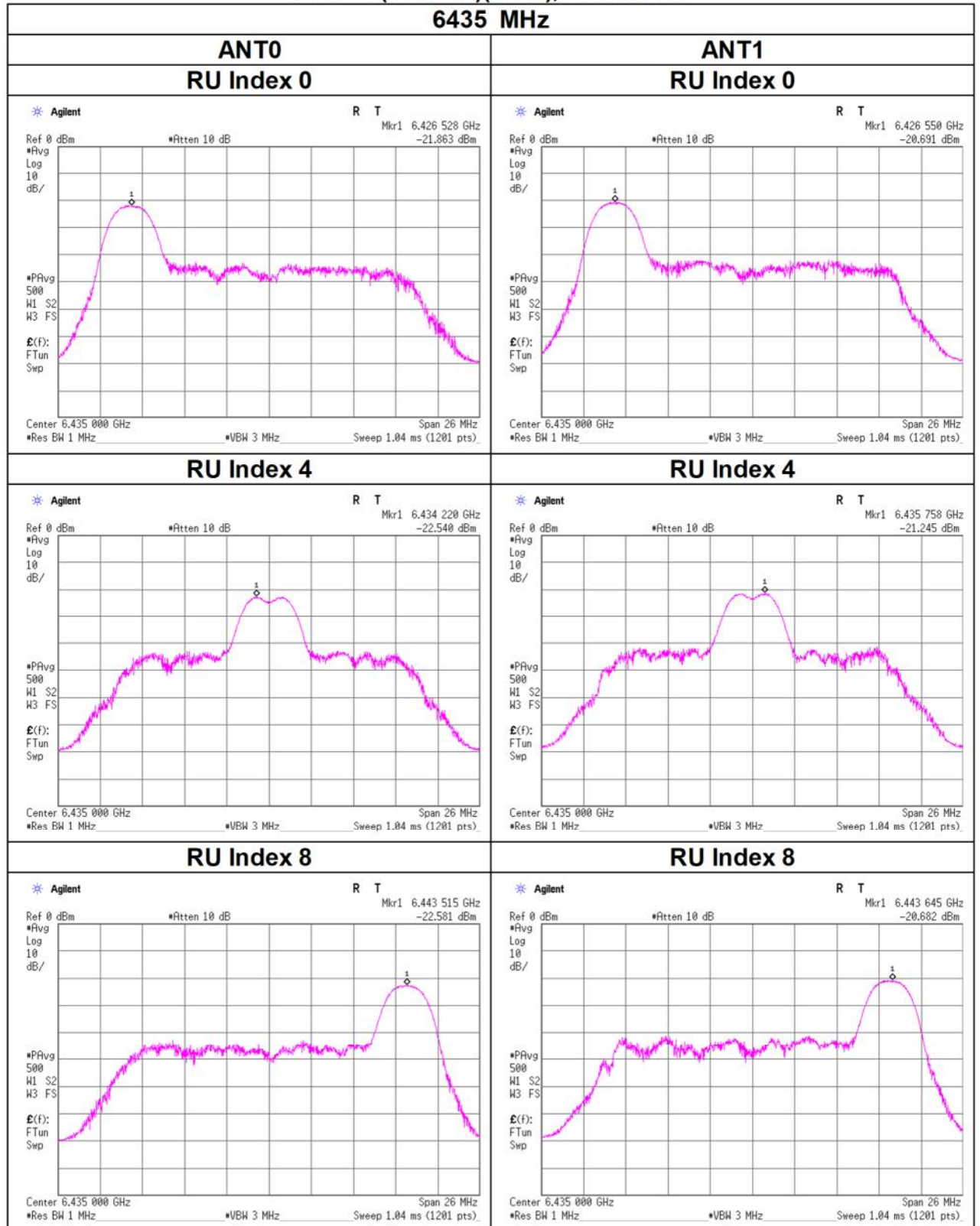
6415 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

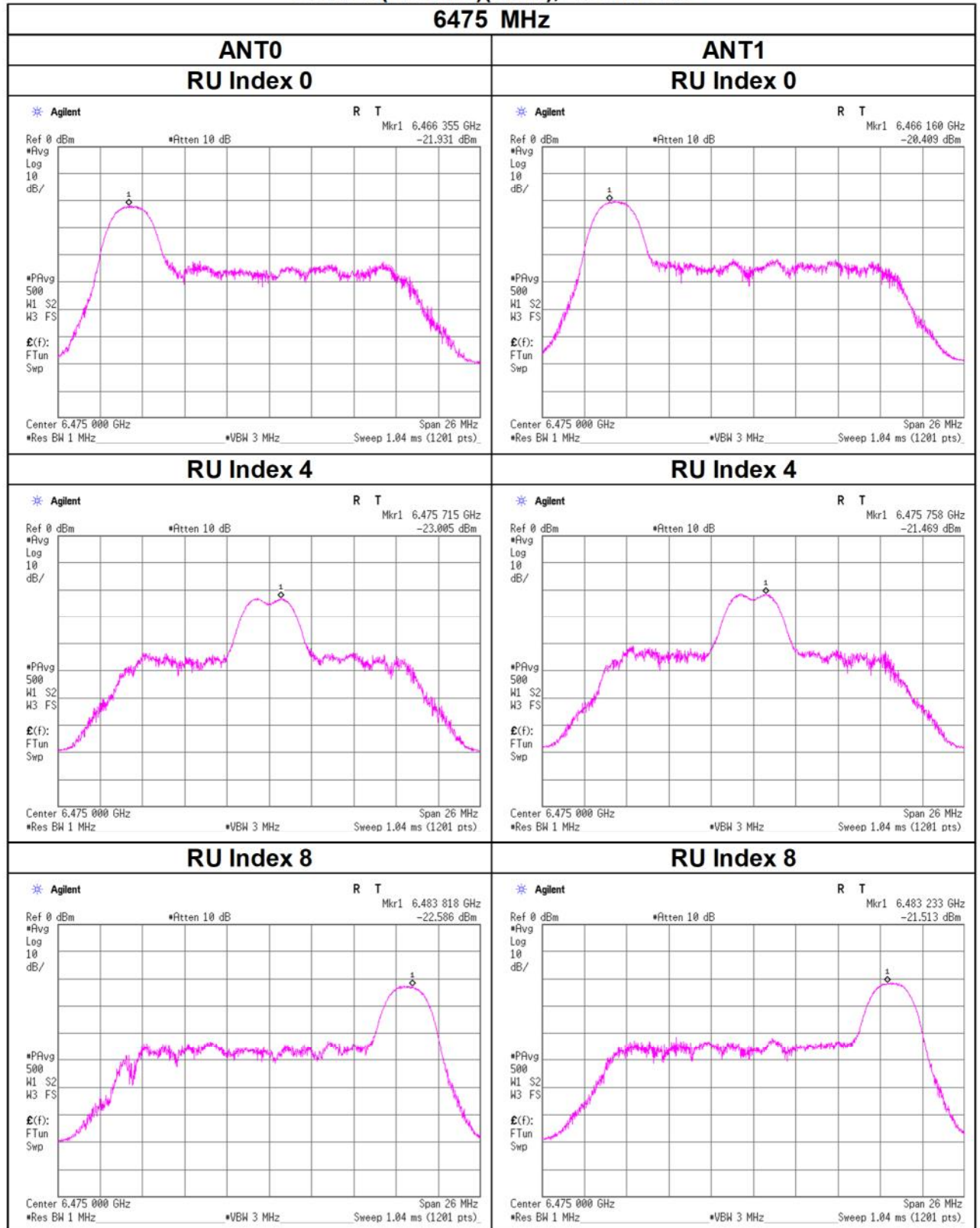
6435 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

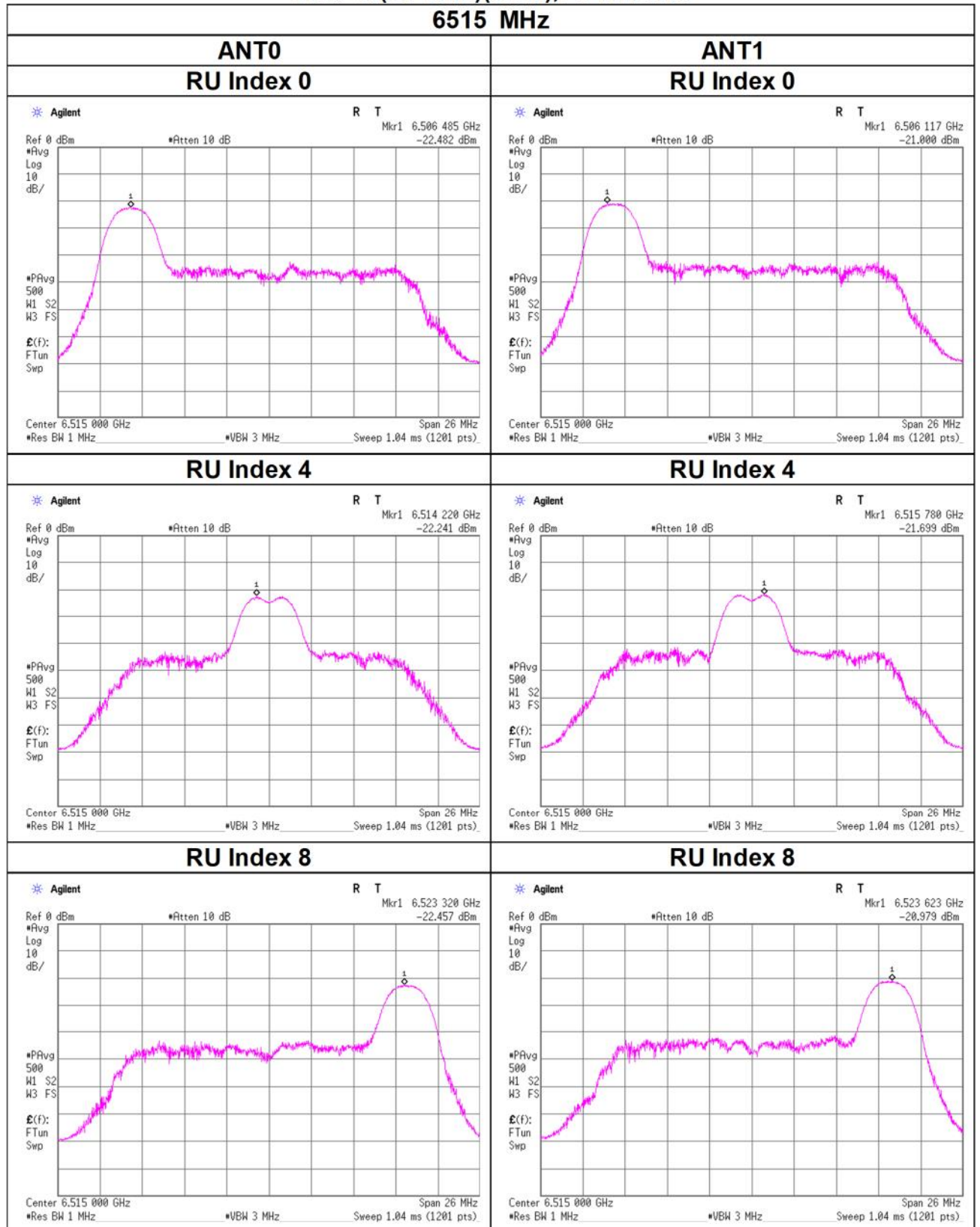
6475 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

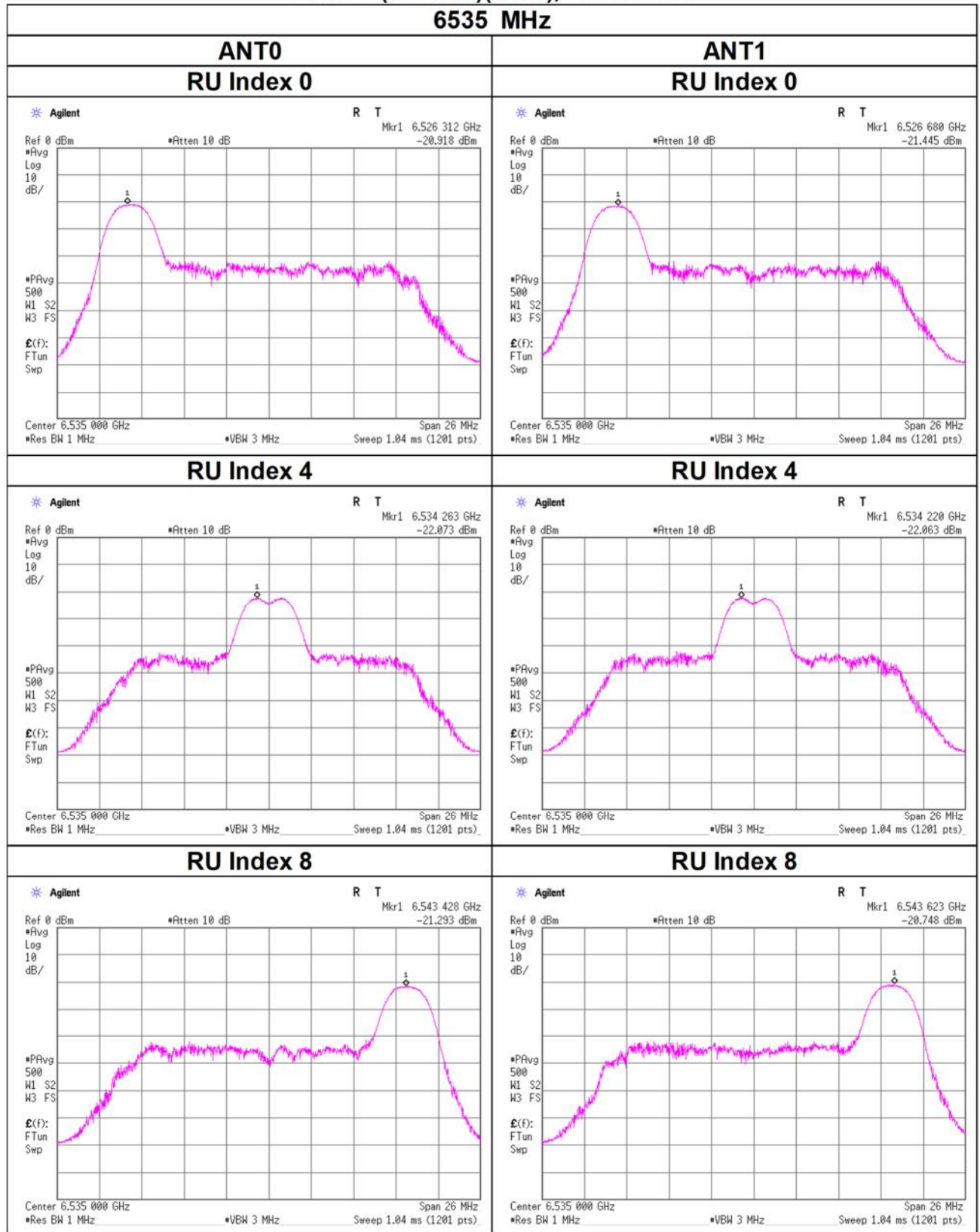
6515 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

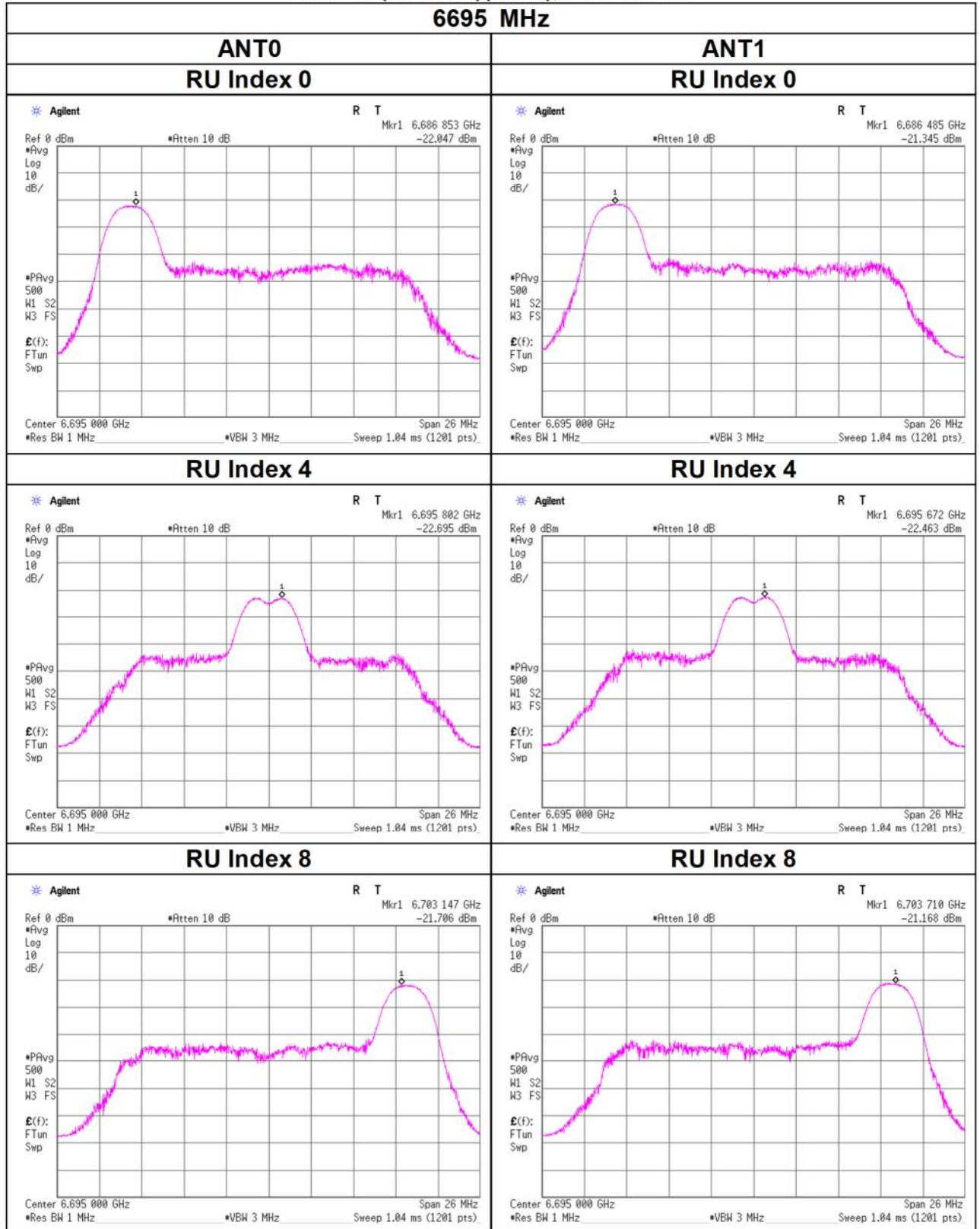
6535 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

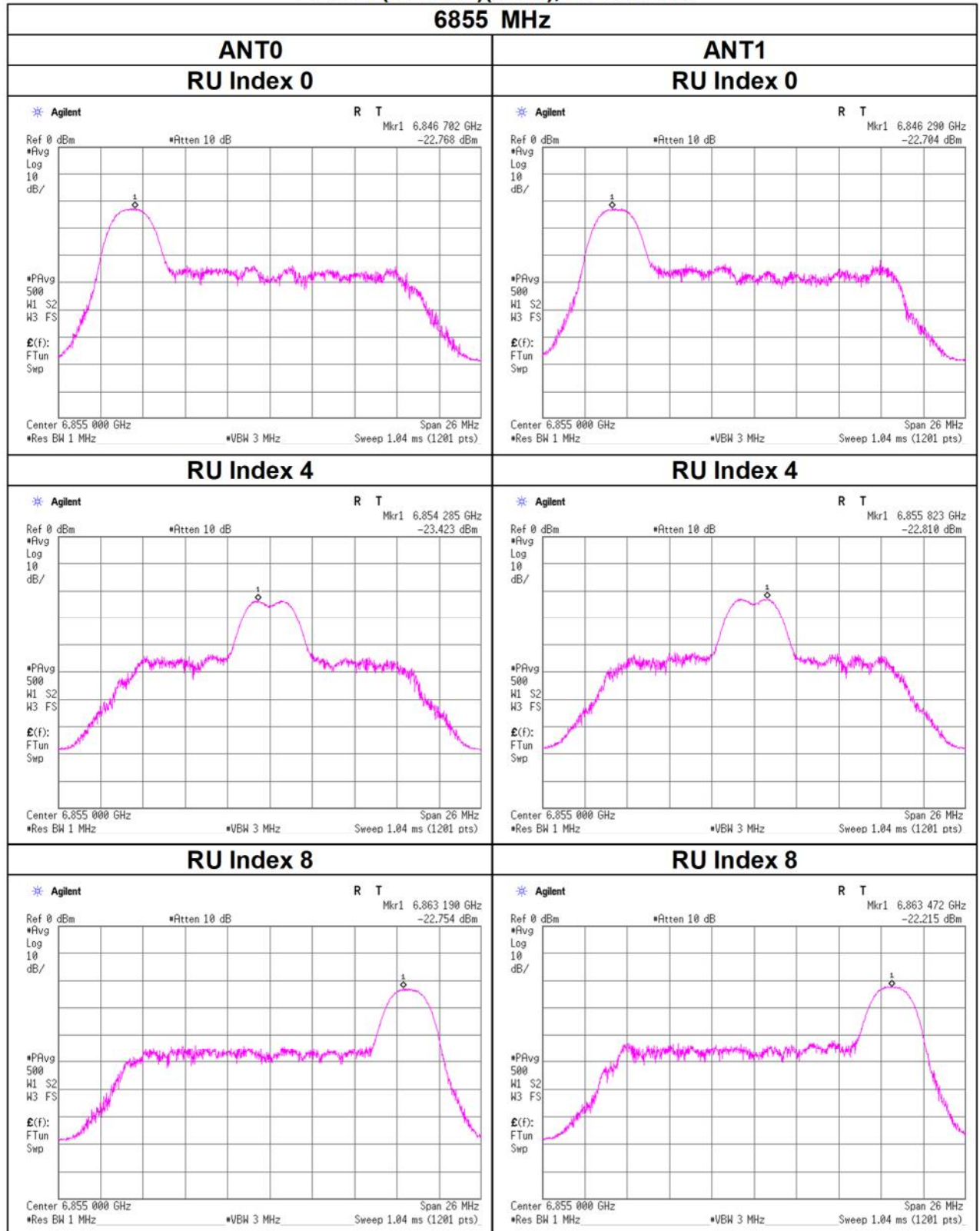
6695 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

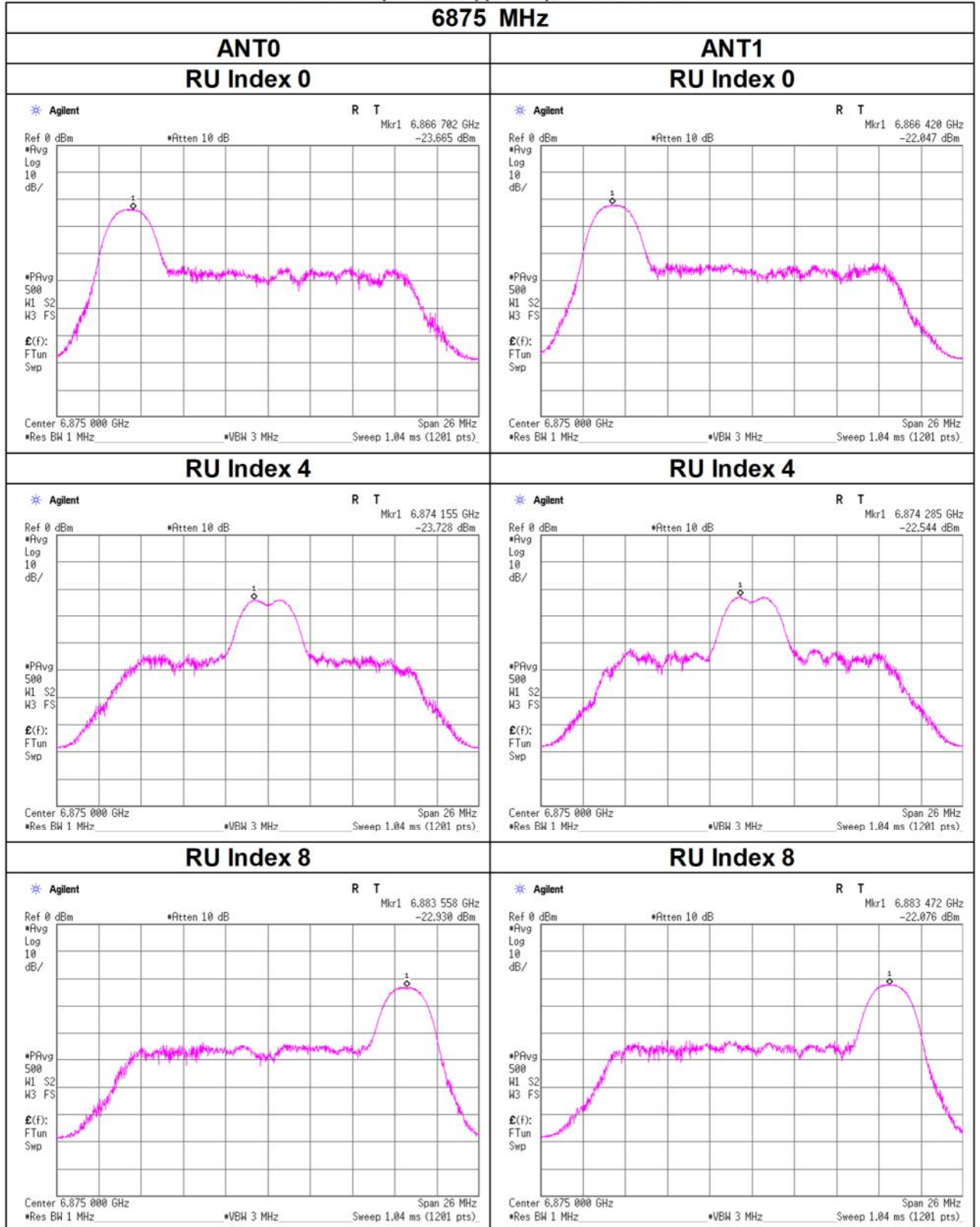
6855 MHz



Maximum Power Spectral Density

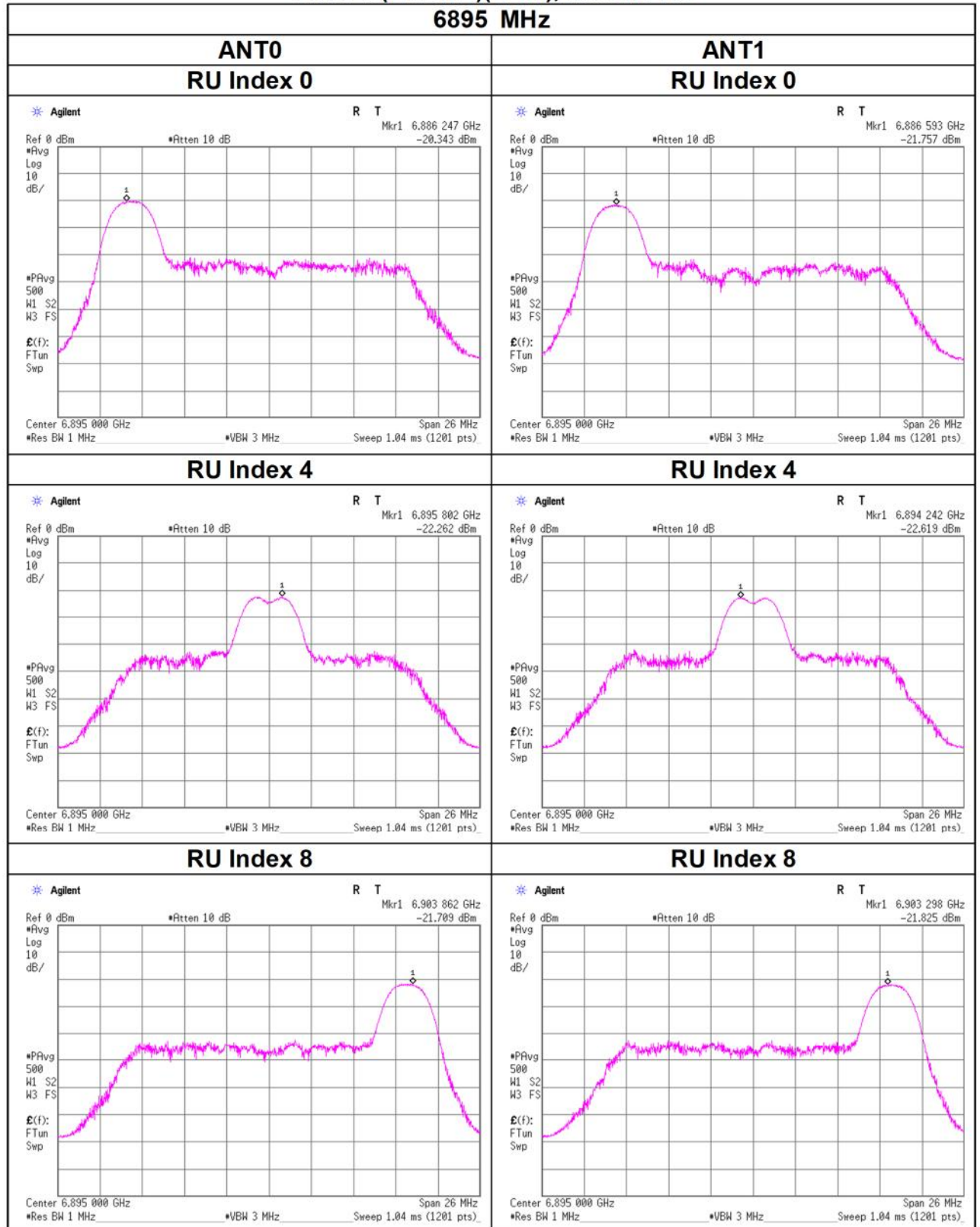
11ax-20(OFDMA)(SDM), 26-tone RU

6875 MHz



Maximum Power Spectral Density

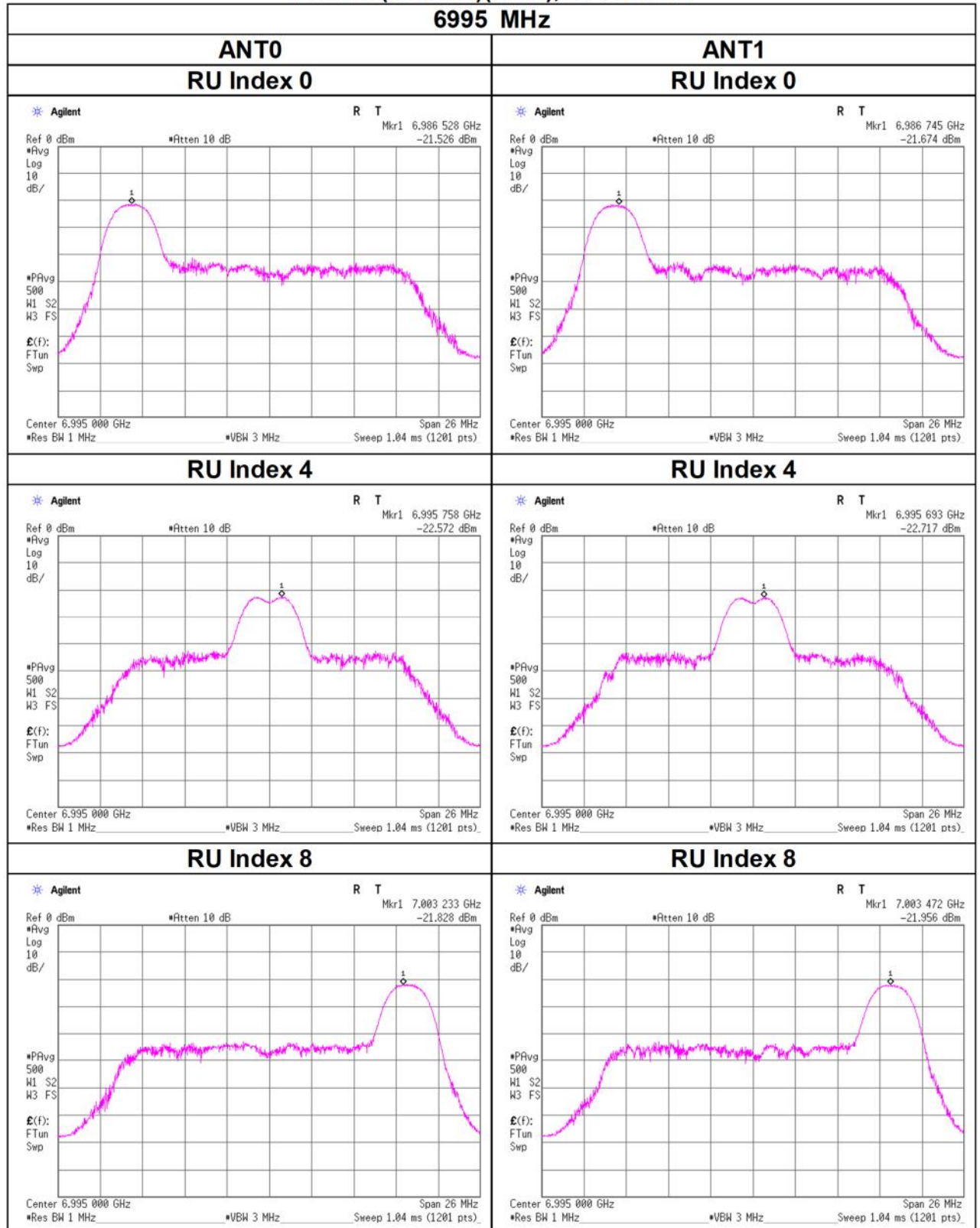
11ax-20(OFDMA)(SDM), 26-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

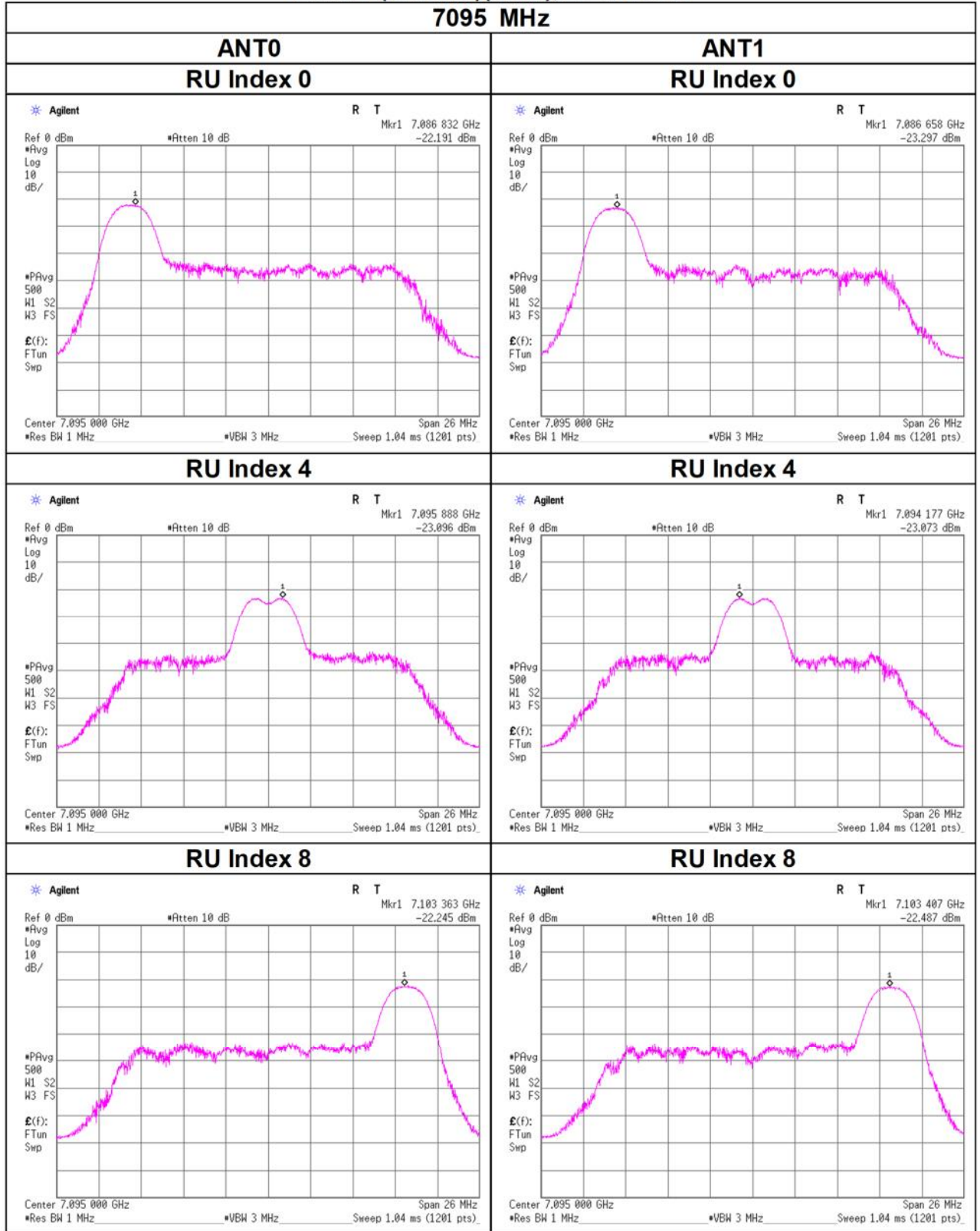
6995 MHz



Maximum Power Spectral Density

11ax-20(OFDMA)(SDM), 26-tone RU

7095 MHz



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 2, 2024
Temperature / Humidity 25 deg. C / 24 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 26-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]			
5955	0	0.08	0.08	0.16	-7.94	-	-	0.22	0.25	0.47	-3.31	-1.00	2.31
	4	0.06	0.07	0.13	-8.82	-	-	0.19	0.20	0.38	-4.19	-1.00	3.19
	8	0.07	0.08	0.15	-8.16	-	-	0.21	0.23	0.44	-3.53	-1.00	2.53
6195	0	0.06	0.07	0.13	-8.81	-	-	0.18	0.20	0.38	-4.18	-1.00	3.18
	4	0.06	0.05	0.11	-9.62	-	-	0.16	0.16	0.32	-4.99	-1.00	3.99
	8	0.07	0.07	0.13	-8.71	-	-	0.20	0.19	0.39	-4.08	-1.00	3.08
6415	0	0.06	0.07	0.13	-8.71	-	-	0.17	0.22	0.39	-4.08	-1.00	3.08
	4	0.04	0.06	0.10	-9.94	-	-	0.12	0.18	0.29	-5.31	-1.00	4.31
	8	0.05	0.07	0.12	-9.06	-	-	0.14	0.22	0.36	-4.43	-1.00	3.43
6435	0	0.07	0.10	0.16	-7.83	-	-	0.20	0.28	0.48	-3.20	-1.00	2.20
	4	0.05	0.09	0.15	-8.32	-	-	0.15	0.27	0.43	-3.69	-1.00	2.69
	8	0.07	0.10	0.16	-7.93	-	-	0.19	0.28	0.47	-3.30	-1.00	2.30
6475	0	0.06	0.10	0.15	-8.10	-	-	0.17	0.28	0.45	-3.47	-1.00	2.47
	4	0.05	0.09	0.13	-8.72	-	-	0.14	0.25	0.39	-4.09	-1.00	3.09
	8	0.05	0.10	0.15	-8.24	-	-	0.16	0.28	0.44	-3.61	-1.00	2.61
6515	0	0.07	0.09	0.16	-7.93	-	-	0.20	0.27	0.47	-3.30	-1.00	2.30
	4	0.05	0.08	0.13	-8.78	-	-	0.16	0.23	0.38	-4.15	-1.00	3.15
	8	0.07	0.09	0.15	-8.12	-	-	0.19	0.26	0.45	-3.49	-1.00	2.49

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]
5955	0	0.07	-24.53	3.27	9.98	4.63	-11.21	-6.58	-24.17	3.29	10.10	4.63	-10.71	-6.08
	4	0.07	-25.27	3.27	9.98	4.63	-11.95	-7.32	-25.17	3.29	10.10	4.63	-11.72	-7.09
	8	0.07	-24.69	3.27	9.98	4.63	-11.37	-6.74	-24.44	3.29	10.10	4.63	-10.99	-6.36
6195	0	0.07	-25.40	3.33	9.98	4.63	-12.01	-7.38	-25.16	3.35	10.10	4.63	-11.63	-7.00
	4	0.07	-25.98	3.33	9.98	4.63	-12.59	-7.96	-26.20	3.35	10.10	4.63	-12.67	-8.04
	8	0.07	-25.06	3.33	9.98	4.63	-11.68	-7.05	-25.29	3.35	10.10	4.63	-11.77	-7.14
6415	0	0.07	-25.68	3.39	9.99	4.63	-12.23	-7.60	-24.86	3.42	10.11	4.63	-11.27	-6.64
	4	0.07	-27.42	3.39	9.99	4.63	-13.97	-9.34	-25.73	3.42	10.11	4.63	-12.13	-7.50
	8	0.07	-26.48	3.39	9.99	4.63	-13.03	-8.40	-24.87	3.42	10.11	4.63	-11.28	-6.65
6435	0	0.07	-25.09	3.40	9.99	4.63	-11.64	-7.01	-23.76	3.42	10.11	4.63	-10.16	-5.53
	4	0.07	-26.18	3.40	9.99	4.63	-12.73	-8.10	-23.87	3.42	10.11	4.63	-10.27	-5.64
	8	0.07	-25.29	3.40	9.99	4.63	-11.83	-7.20	-23.81	3.42	10.11	4.63	-10.20	-5.57
6475	0	0.07	-25.78	3.41	9.99	4.63	-12.32	-7.69	-23.79	3.43	10.11	4.63	-10.17	-5.54
	4	0.07	-26.77	3.41	9.99	4.63	-13.30	-8.67	-24.19	3.43	10.11	4.63	-10.57	-5.94
	8	0.07	-26.09	3.41	9.99	4.63	-12.62	-7.99	-23.83	3.43	10.11	4.63	-10.21	-5.58
6515	0	0.07	-25.16	3.42	9.99	4.63	-11.68	-7.05	-23.92	3.44	10.11	4.63	-10.30	-5.67
	4	0.07	-26.11	3.42	9.99	4.63	-12.63	-8.00	-24.71	3.44	10.11	4.63	-11.09	-6.46
	8	0.07	-25.27	3.42	9.99	4.63	-11.79	-7.16	-24.18	3.44	10.11	4.63	-10.55	-5.92

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 + Arry Gain, Arry 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 February 2, 2024
Temperature / Humidity 25 deg. C / 24 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 26-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]			
6535	0	0.09	0.09	0.18	-7.47	-	-	0.20	0.22	0.41	-3.85	-1.00	2.85
	4	0.07	0.08	0.15	-8.18	-	-	0.16	0.19	0.35	-4.56	-1.00	3.56
	8	0.08	0.09	0.18	-7.50	-	-	0.20	0.21	0.41	-3.88	-1.00	2.88
6695	0	0.07	0.10	0.17	-7.82	-	-	0.16	0.22	0.38	-4.20	-1.00	3.20
	4	0.06	0.08	0.14	-8.70	-	-	0.14	0.18	0.31	-5.08	-1.00	4.08
	8	0.07	0.09	0.16	-7.89	-	-	0.17	0.21	0.37	-4.27	-1.00	3.27
6855	0	0.06	0.06	0.12	-9.05	-	-	0.14	0.15	0.29	-5.43	-1.00	4.43
	4	0.05	0.06	0.11	-9.72	-	-	0.12	0.13	0.25	-6.10	-1.00	5.10
	8	0.06	0.06	0.12	-9.08	-	-	0.14	0.15	0.28	-5.46	-1.00	4.46
6875	0	0.06	0.08	0.14	-8.45	-	-	0.14	0.19	0.33	-4.83	-1.00	3.83
	4	0.05	0.07	0.12	-9.30	-	-	0.12	0.15	0.27	-5.68	-1.00	4.68
	8	0.06	0.08	0.14	-8.57	-	-	0.14	0.18	0.32	-4.95	-1.00	3.95
6895	0	0.09	0.08	0.18	-7.52	-	-	0.21	0.20	0.41	-3.90	-1.00	2.90
	4	0.07	0.07	0.14	-8.53	-	-	0.17	0.15	0.32	-4.91	-1.00	3.91
	8	0.09	0.08	0.16	-7.87	-	-	0.20	0.18	0.38	-4.25	-1.00	3.25
6995	0	0.07	0.08	0.15	-8.23	-	-	0.17	0.17	0.35	-4.61	-1.00	3.61
	4	0.07	0.07	0.13	-8.76	-	-	0.15	0.15	0.31	-5.14	-1.00	4.14
	8	0.08	0.08	0.15	-8.17	-	-	0.18	0.18	0.35	-4.55	-1.00	3.55
7095	0	0.07	0.07	0.14	-8.69	-	-	0.16	0.16	0.31	-5.07	-1.00	4.07
	4	0.06	0.06	0.12	-9.32	-	-	0.14	0.13	0.27	-5.70	-1.00	4.70
	8	0.06	0.07	0.13	-8.92	-	-	0.15	0.15	0.30	-5.30	-1.00	4.30

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	0	0.07	-24.18	3.43	9.99	3.62	-10.70	-7.08	-23.91	3.45	10.11	3.62	-10.27	-6.65
	4	0.07	-25.07	3.43	9.99	3.62	-11.59	-7.97	-24.46	3.45	10.11	3.62	-10.83	-7.21
	8	0.07	-24.20	3.43	9.99	3.62	-10.71	-7.09	-23.95	3.45	10.11	3.62	-10.32	-6.70
6695	0	0.07	-25.10	3.47	9.99	3.62	-11.57	-7.95	-23.88	3.49	10.12	3.62	-10.20	-6.58
	4	0.07	-25.83	3.47	9.99	3.62	-12.30	-8.68	-24.86	3.49	10.12	3.62	-11.18	-7.56
	8	0.07	-24.92	3.47	9.99	3.62	-11.39	-7.77	-24.14	3.49	10.12	3.62	-10.47	-6.85
6855	0	0.07	-25.83	3.52	9.99	3.62	-12.25	-8.63	-25.62	3.54	10.12	3.62	-11.89	-8.27
	4	0.07	-26.57	3.52	9.99	3.62	-12.99	-9.37	-26.21	3.54	10.12	3.62	-12.48	-8.86
	8	0.07	-25.85	3.52	9.99	3.62	-12.27	-8.65	-25.64	3.54	10.12	3.62	-11.92	-8.30
6875	0	0.07	-25.70	3.52	9.99	3.62	-12.12	-8.50	-24.63	3.54	10.12	3.62	-10.89	-7.27
	4	0.07	-26.53	3.52	9.99	3.62	-12.95	-9.33	-25.48	3.54	10.12	3.62	-11.75	-8.13
	8	0.07	-25.67	3.52	9.99	3.62	-12.09	-8.47	-24.86	3.54	10.12	3.62	-11.13	-7.51
6895	0	0.07	-23.95	3.53	9.99	3.62	-10.36	-6.74	-24.45	3.55	10.12	3.62	-10.71	-7.09
	4	0.07	-24.89	3.53	9.99	3.62	-11.30	-7.68	-25.53	3.55	10.12	3.62	-11.80	-8.18
	8	0.07	-24.23	3.53	9.99	3.62	-10.64	-7.02	-24.86	3.55	10.12	3.62	-11.13	-7.51
6995	0	0.07	-24.88	3.56	9.99	3.62	-11.26	-7.64	-24.98	3.58	10.12	3.62	-11.21	-7.59
	4	0.07	-25.41	3.56	9.99	3.62	-11.79	-8.17	-25.52	3.58	10.12	3.62	-11.76	-8.14
	8	0.07	-24.81	3.56	9.99	3.62	-11.19	-7.57	-24.94	3.58	10.12	3.62	-11.17	-7.55
7095	0	0.07	-25.34	3.58	9.99	3.62	-11.69	-8.07	-25.50	3.60	10.12	3.62	-11.70	-8.08
	4	0.07	-25.96	3.58	9.99	3.62	-12.32	-8.70	-26.13	3.60	10.12	3.62	-12.34	-8.72
	8	0.07	-25.65	3.58	9.99	3.62	-12.00	-8.38	-25.65	3.60	10.12	3.62	-11.85	-8.23

Sample Calculation:

PSD: Power Spectral Density

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

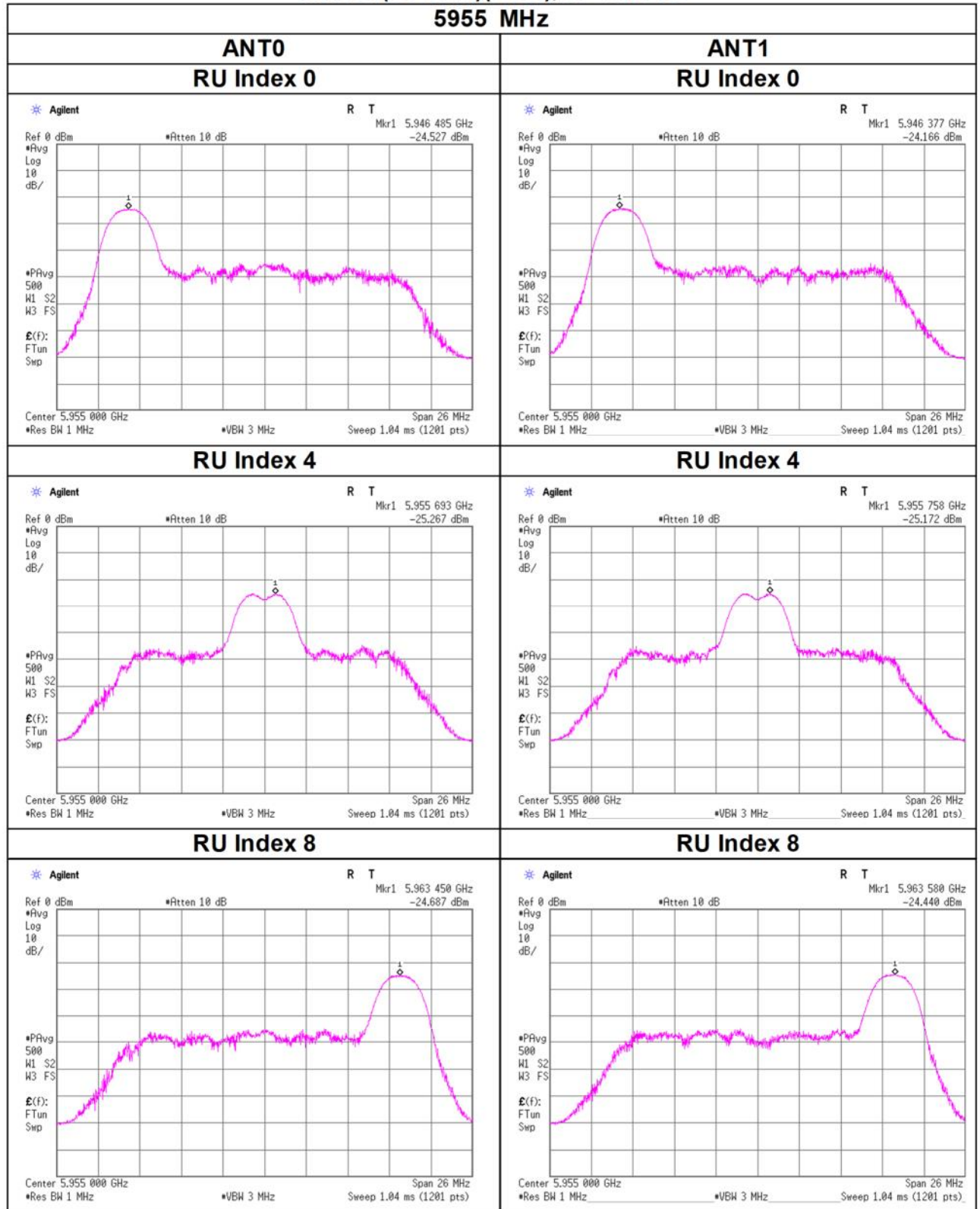
PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

Directional Gain = Antenna Gain + Arry Gain, Arry Gain = 10log(Number of transmit antennas / Number of spatial streams)

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

Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

