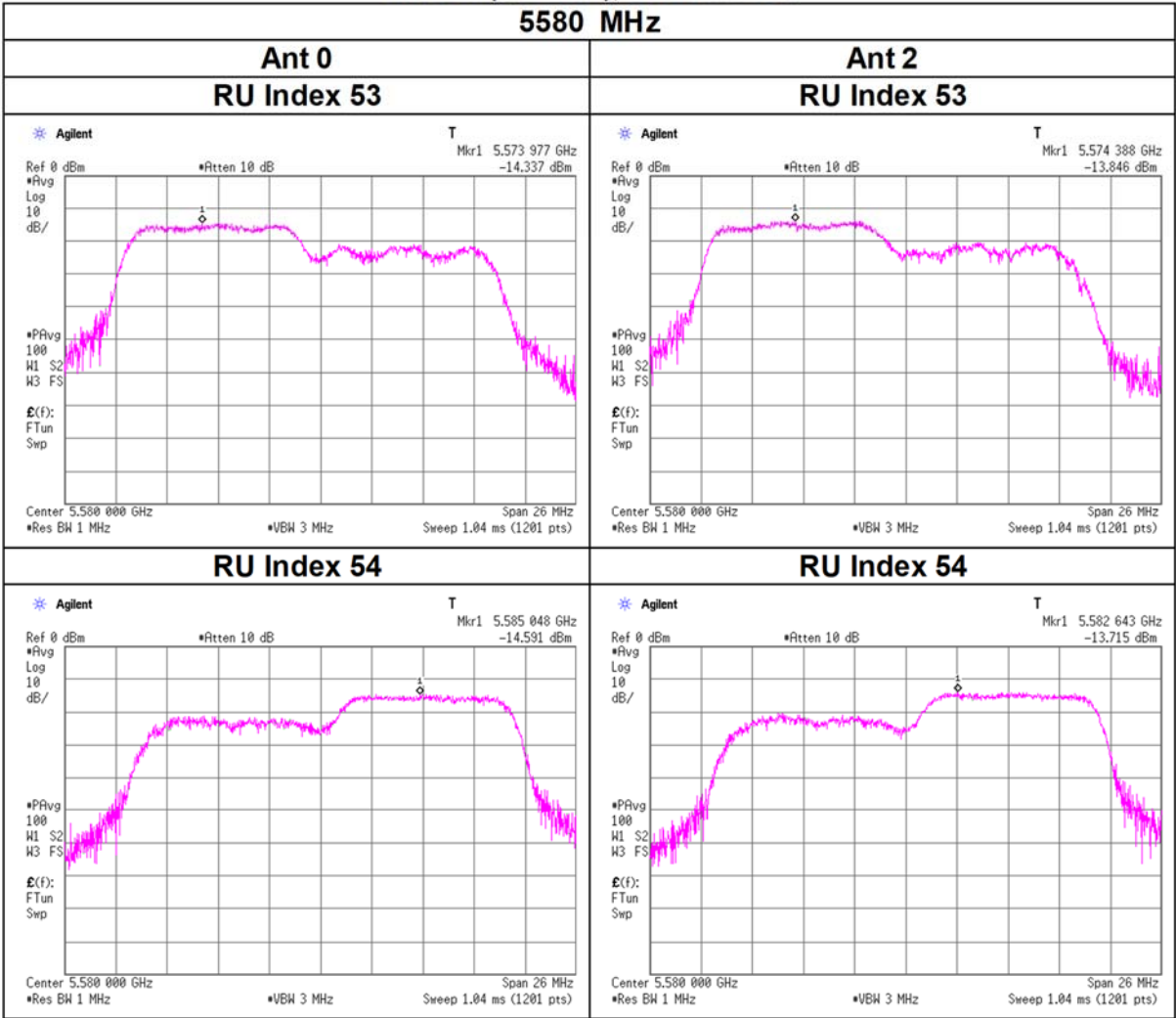


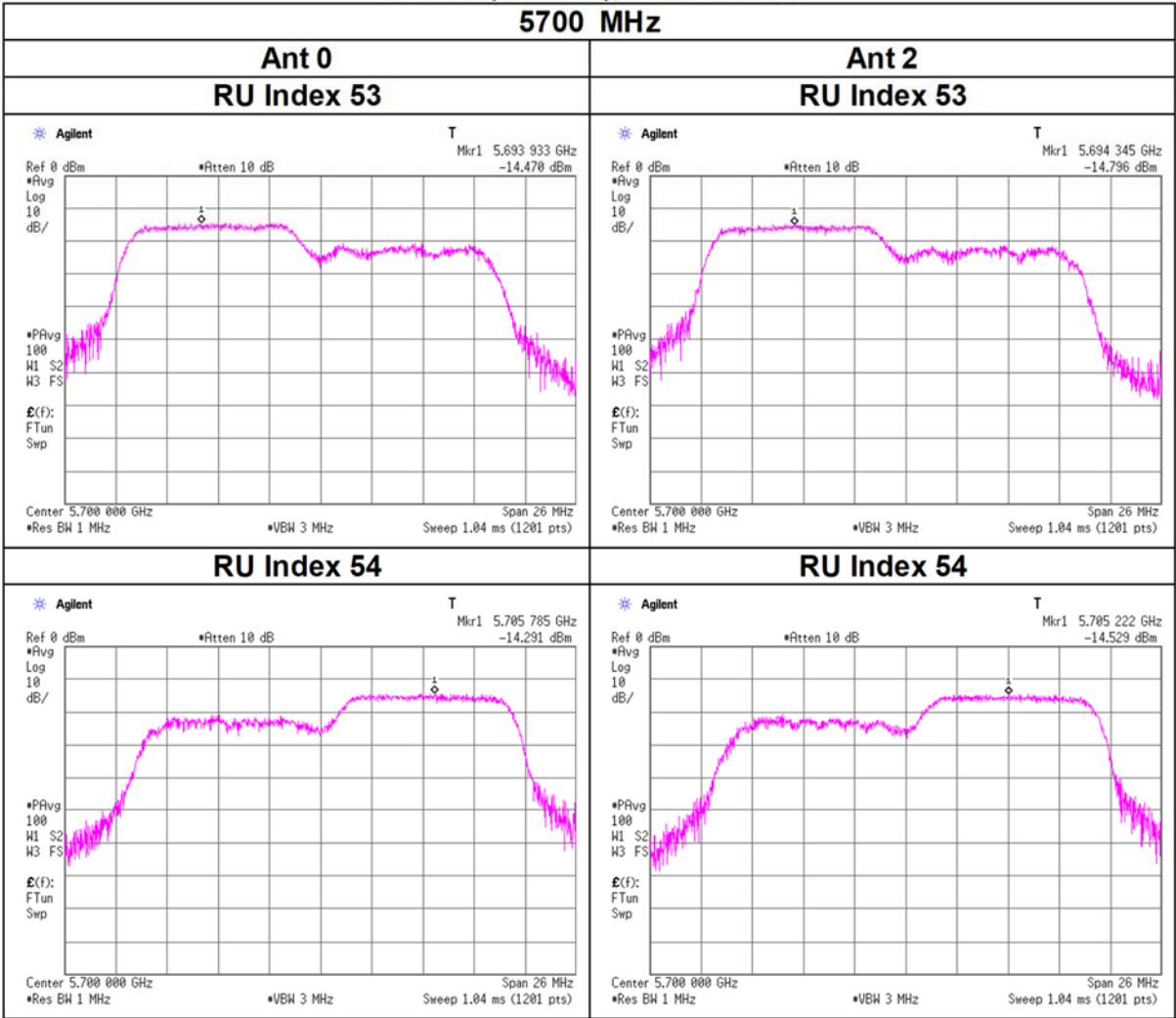
Maximum Power Spectral Density

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



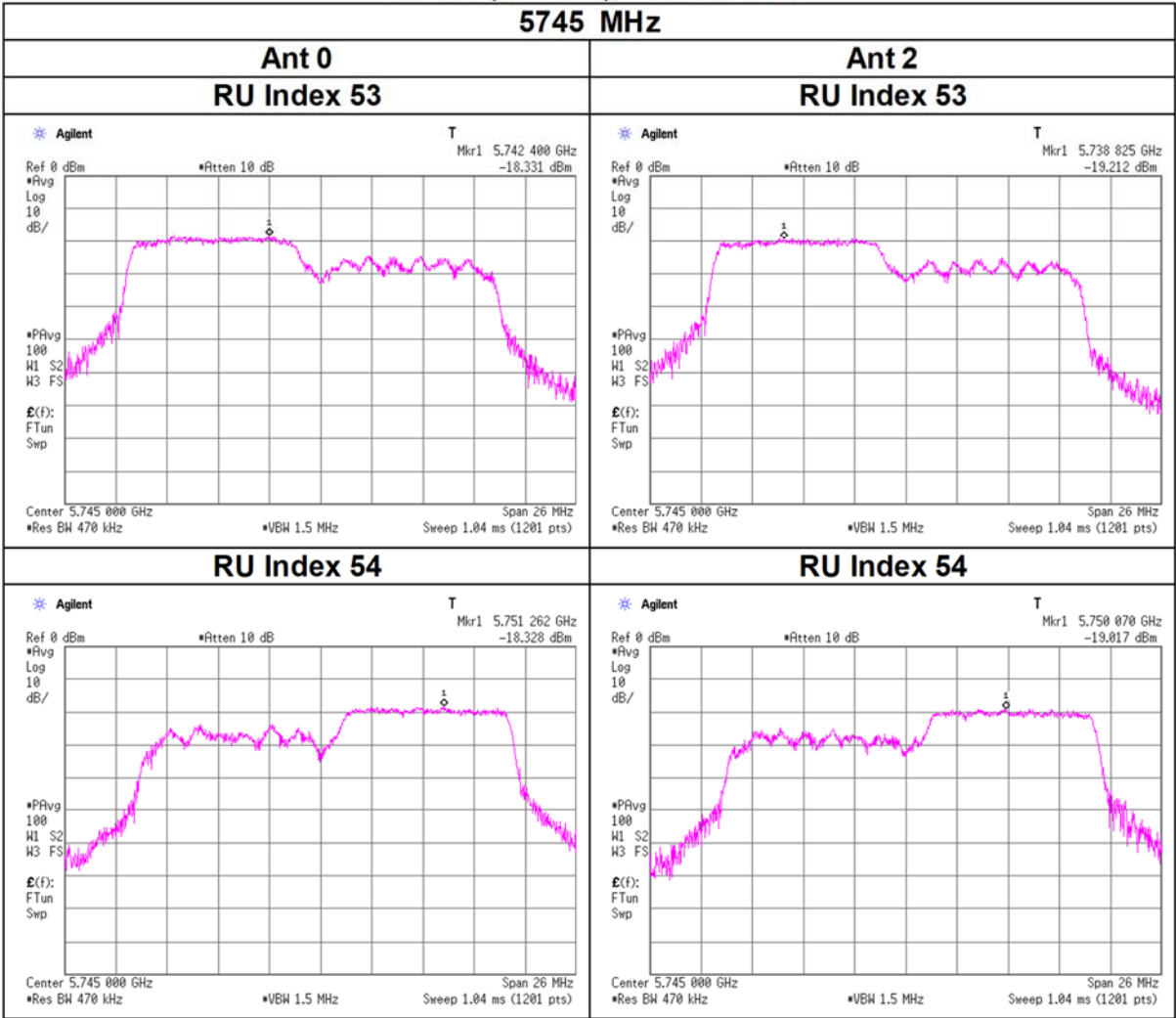
Maximum Power Spectral Density

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



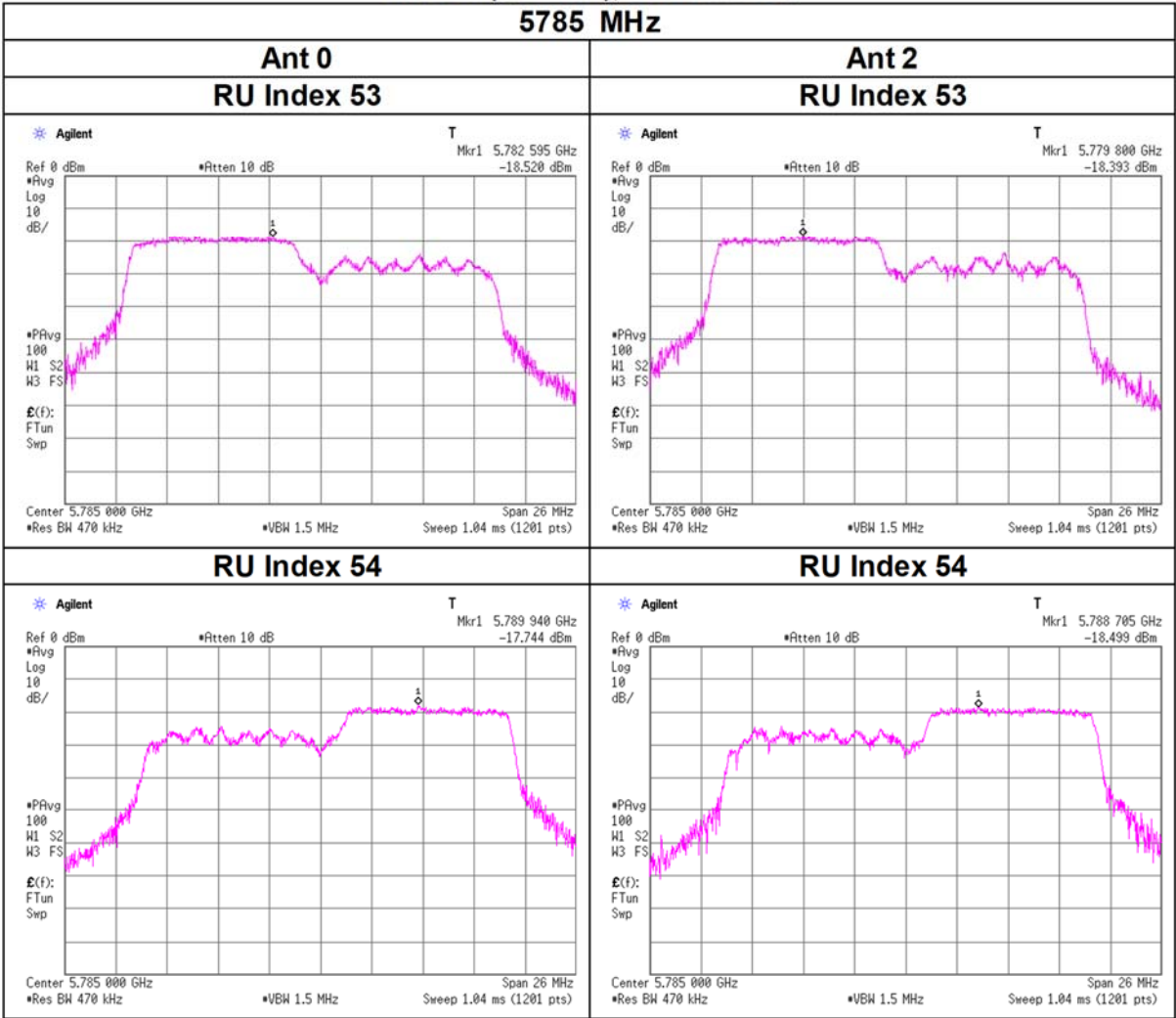
Maximum Power Spectral Density

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



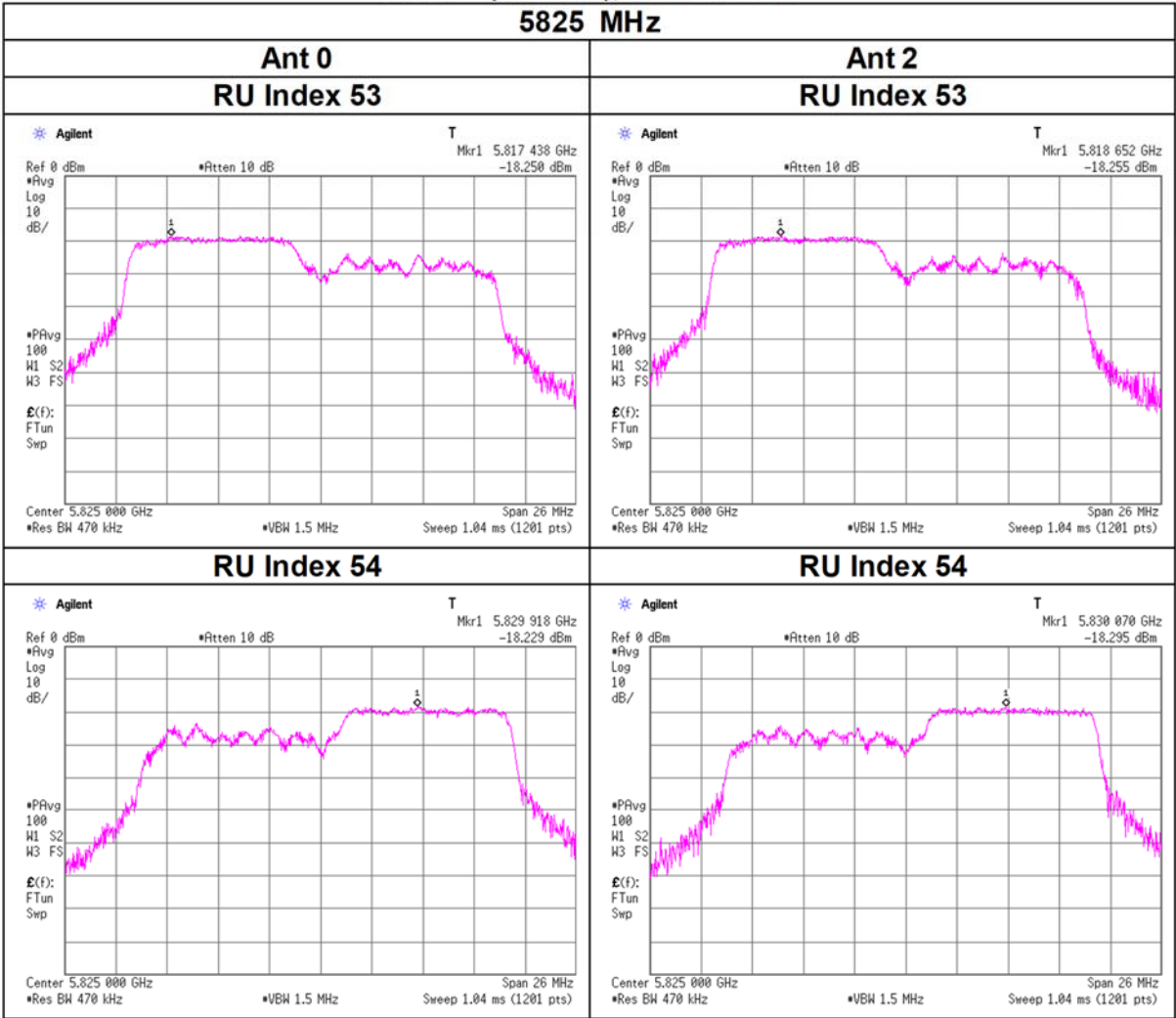
Maximum Power Spectral Density

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



Maximum Power Spectral Density

11ax-20(OFDMA), 106-tone RU
5825 MHz



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date February 26, 2024
Temperature / Humidity 22 deg. C / 37 % RH
Engineer Kazuya Noda
Mode Tx

Ant 0 + Ant 2 11ax-20(OFDMA)(SDM), 242-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)							PSD (e.i.r.p.)						
		Antenna			Result	Limit	Margin		Antenna			Result	Limit	Margin	
		Ant 0	Ant 2	Sum					Ant 0	Ant 2	Sum				
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	
5180	61	0.60	0.57	1.17	0.70	11.00	10.30		0.71	1.45	2.16	3.35	17.00	13.65	
5220	61	0.59	0.60	1.19	0.76	11.00	10.24		0.69	1.54	2.23	3.49	17.00	13.51	
5240	61	0.66	0.62	1.29	1.09	11.00	9.91		0.78	1.59	2.37	3.74	17.00	13.26	
5260	61	0.59	0.62	1.21	0.82	11.00	10.18		0.69	1.58	2.27	3.56	17.00	13.44	
5300	61	0.61	0.54	1.15	0.61	11.00	10.39		0.72	1.38	2.10	3.22	17.00	13.78	
5320	61	0.61	0.68	1.29	1.10	11.00	9.90		0.72	1.73	2.45	3.89	17.00	13.11	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	RBW Conversion Factor [dB]	Ant 0					Ant 2					PSD Result	
				PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna 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]
5180	61	1.38	-	-16.52	2.95	10.01	0.70	-2.18	-1.48	-16.78	2.95	10.00	4.07	-2.45	1.62
5220	61	1.38	-	-16.66	2.95	10.01	0.70	-2.32	-1.62	-16.51	2.95	10.00	4.07	-2.18	1.89
5240	61	1.38	-	-16.11	2.95	10.01	0.70	-1.77	-1.07	-16.40	2.95	10.00	4.07	-2.07	2.00
5260	61	1.38	-	-16.65	2.95	10.01	0.70	-2.30	-1.60	-16.43	2.96	10.00	4.07	-2.09	1.98
5300	61	1.38	-	-16.50	2.96	10.01	0.70	-2.14	-1.44	-17.00	2.96	10.00	4.07	-2.67	1.40
5320	61	1.38	-	-16.48	2.96	10.01	0.70	-2.13	-1.43	-16.03	2.96	10.00	4.07	-1.69	2.38

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Conversion Factor

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

Ant 0 + Ant 2 11ax-20(OFDMA)(SDM), 242-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)							PSD (e.i.r.p.)						
		Antenna			Result	Limit	Margin		Antenna			Result	Limit	Margin	
		Ant 0	Ant 2	Sum					Ant 0	Ant 2	Sum				
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	
5500	61	0.49	0.59	1.08	0.33	11.00	10.67		0.58	1.50	2.08	3.17	17.00	13.83	
5580	61	0.53	0.65	1.18	0.73	11.00	10.27		0.63	1.66	2.28	3.59	17.00	13.41	
5700	61	0.50	0.50	1.00	-0.01	11.00	11.01		0.59	1.28	1.86	2.70	17.00	14.30	
5745	61	0.24	0.21	0.45	-3.44	30.00	33.44		0.29	0.53	0.82	-0.86	36.00	36.86	
5785	61	0.25	0.28	0.52	-2.82	30.00	32.82		0.29	0.71	1.00	-0.02	36.00	36.02	
5825	61	0.24	0.27	0.51	-2.95	30.00	32.95		0.28	0.69	0.97	-0.13	36.00	36.13	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	RBW Conversion Factor [dB]	Ant 0					Ant 2					PSD Result	
				PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna 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]
5500	61	1.38	-	-17.44	2.98	10.01	0.70	-3.07	-2.37	-16.69	2.98	10.01	4.07	-2.32	1.75
5580	61	1.38	-	-17.10	2.98	10.01	0.70	-2.73	-2.03	-16.25	2.98	10.01	4.07	-1.88	2.19
5700	61	1.38	-	-17.41	2.99	10.01	0.70	-3.03	-2.33	-17.39	2.99	10.01	4.07	-3.01	1.06
5745	61	1.38	0.27	-20.79	3.00	10.01	0.70	-6.13	-5.43	-21.46	3.00	10.02	4.07	-6.79	-2.72
5785	61	1.38	0.27	-20.74	3.00	10.01	0.70	-6.08	-5.38	-20.25	3.00	10.02	4.07	-5.58	-1.51
5825	61	1.38	0.27	-20.94	3.00	10.01	0.70	-6.28	-5.58	-20.33	3.00	10.02	4.07	-5.66	-1.59

Sample Calculation:

PSD: Power Spectral Density

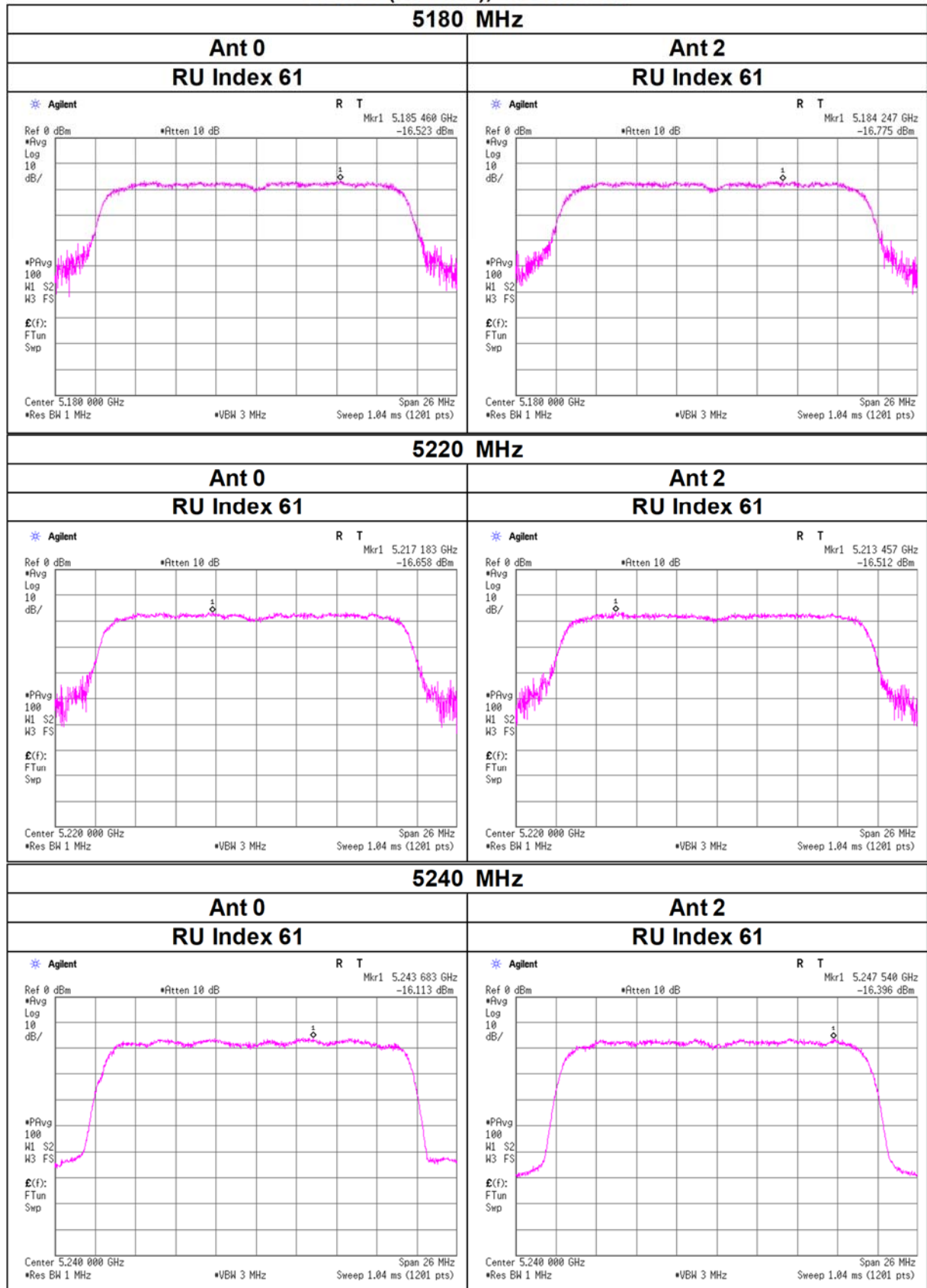
PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Conversion Factor

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

RBW Conversion Factor = 10 x log (500 [kHz] / 470 [kHz])

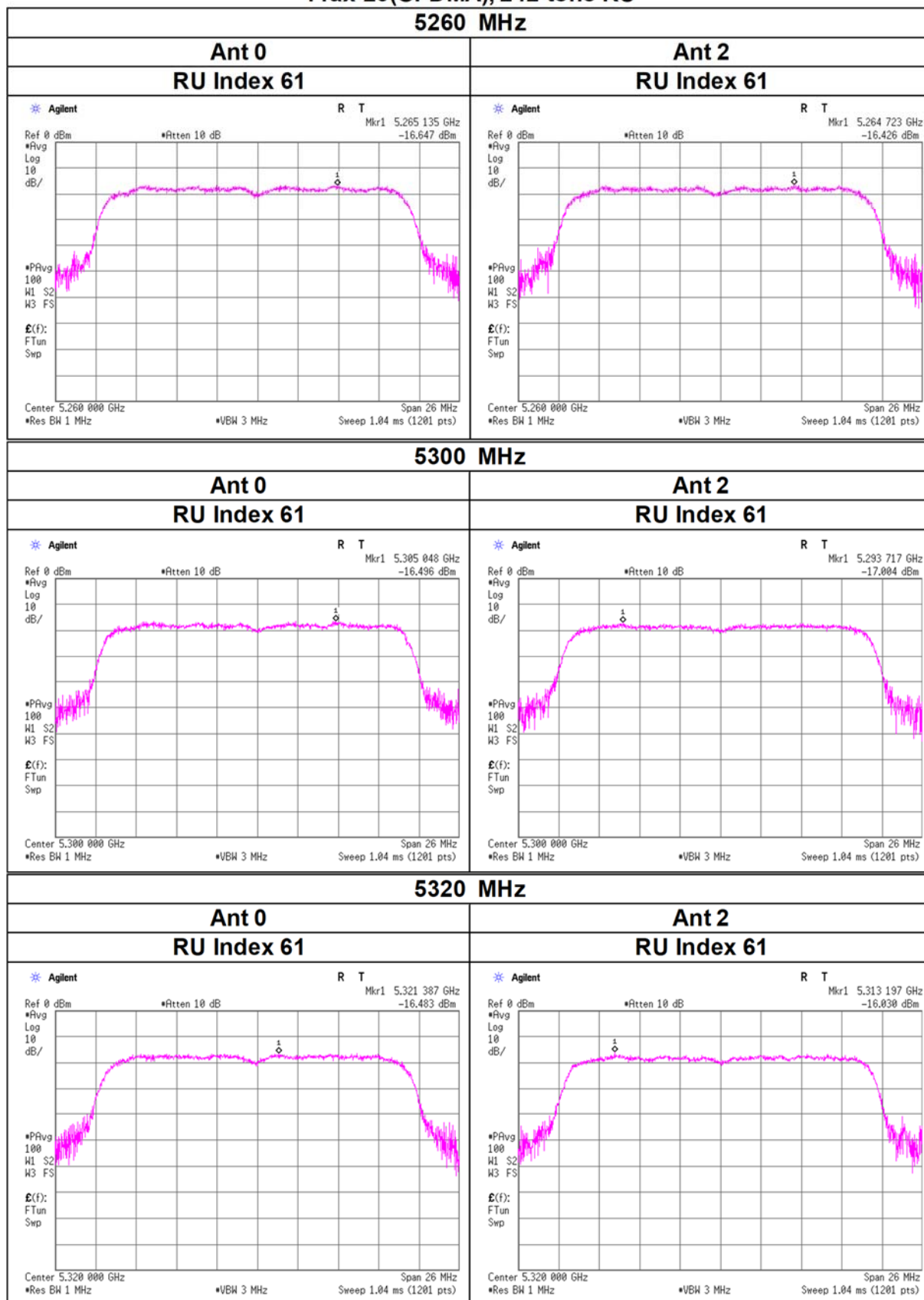
Maximum Power Spectral Density

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



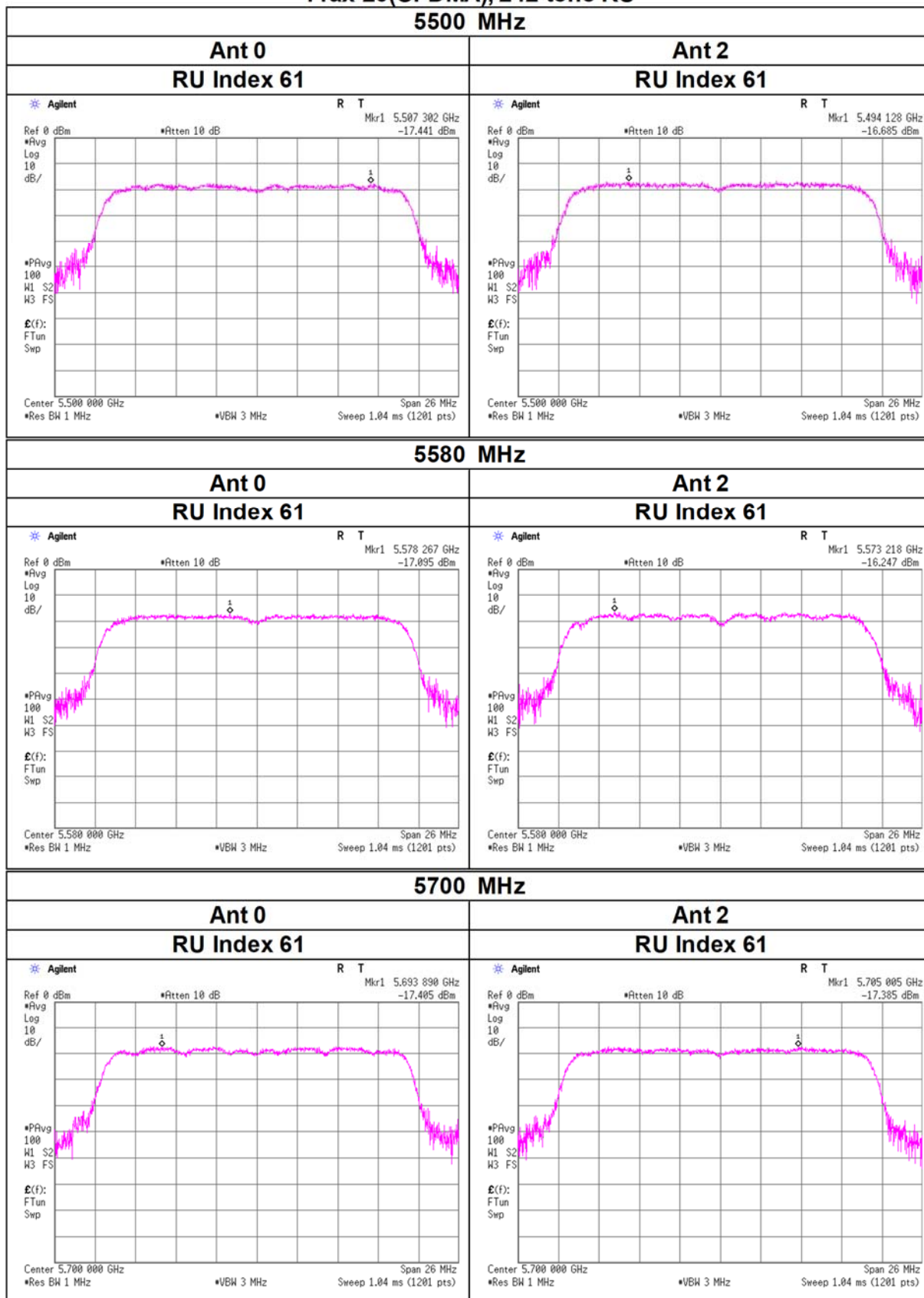
Maximum Power Spectral Density

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



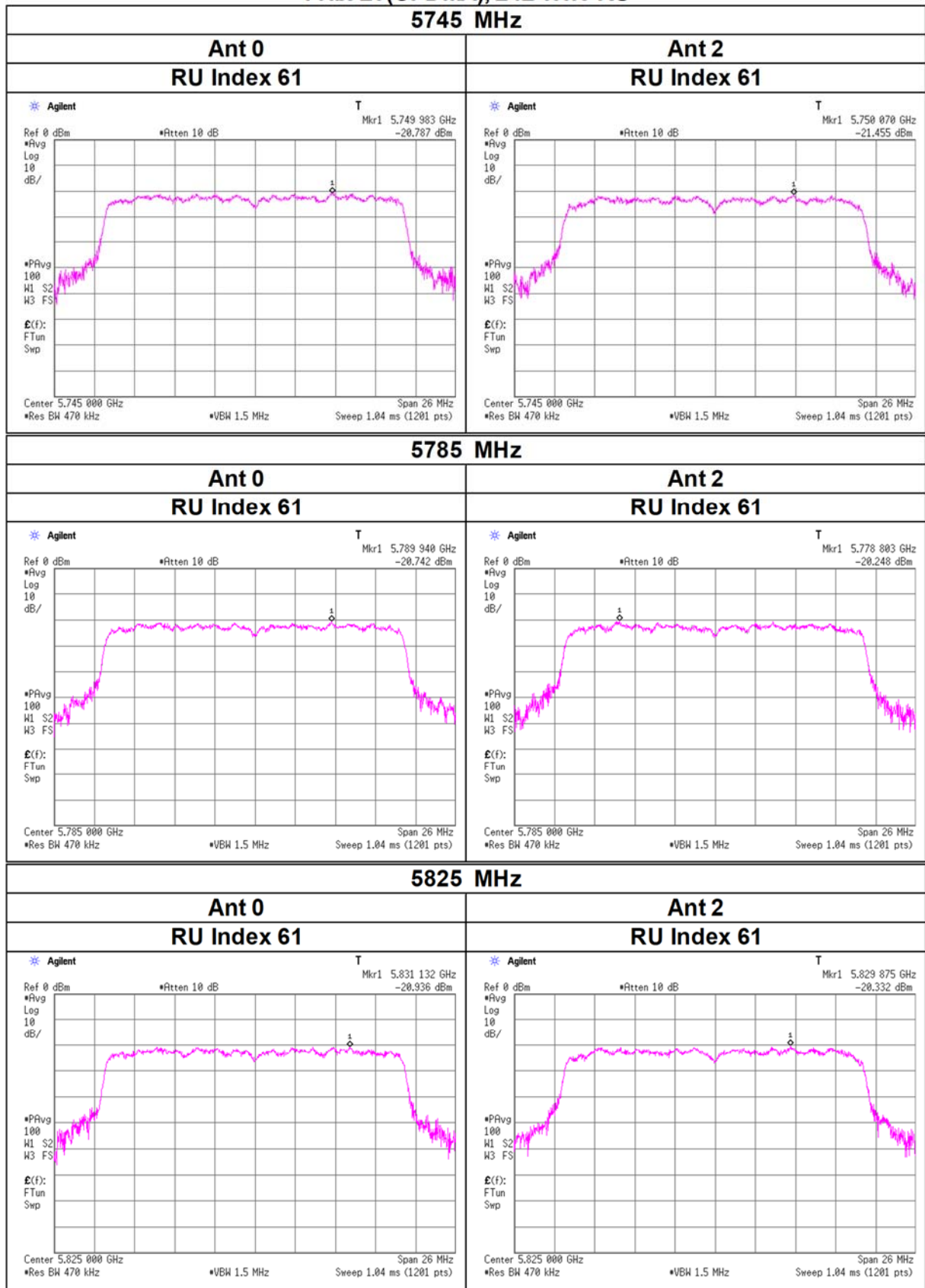
Maximum Power Spectral Density

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



Maximum Power Spectral Density

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



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date February 27, 2024
Temperature / Humidity 22 deg. C / 34 % RH
Engineer Kazuya Noda
Mode Tx

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 26-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)							PSD (e.i.r.p.)						
		Antenna			Result	Limit	Margin		Antenna			Result	Limit	Margin	
		Ant 0	Ant 2	Sum					Ant 0	Ant 2	Sum				
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	
5190	0	0.65	0.69	1.33	1.24	11.00	9.76		0.76	1.75	2.51	3.99	17.00	13.01	
	8	0.80	0.80	1.59	2.03	11.00	8.97		0.94	2.04	2.97	4.73	17.00	12.27	
	17	0.65	0.82	1.47	1.69	11.00	9.31		0.76	2.10	2.87	4.58	17.00	12.42	
5230	0	0.59	0.60	1.19	0.74	11.00	10.26		0.69	1.53	2.22	3.46	17.00	13.54	
	8	0.70	0.71	1.41	1.49	11.00	9.51		0.82	1.81	2.63	4.21	17.00	12.79	
	17	0.66	0.72	1.38	1.38	11.00	9.62		0.77	1.83	2.60	4.15	17.00	12.85	
5270	0	0.43	0.54	0.97	-0.13	11.00	11.13		0.51	1.38	1.89	2.76	17.00	14.24	
	8	0.49	0.58	1.07	0.29	11.00	10.71		0.57	1.48	2.06	3.13	17.00	13.87	
	17	0.43	0.63	1.05	0.22	11.00	10.78		0.50	1.60	2.10	3.22	17.00	13.78	
5310	0	0.45	0.49	0.95	-0.23	11.00	11.23		0.53	1.26	1.79	2.54	17.00	14.46	
	8	0.49	0.47	0.96	-0.16	11.00	11.16		0.58	1.20	1.78	2.51	17.00	14.49	
	17	0.46	0.52	0.97	-0.12	11.00	11.12		0.53	1.32	1.86	2.69	17.00	14.31	

Tested Frequency [MHz]	RU Index	Ant 0								Ant 2							
		Duty Factor	RBW Conversion Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.		
		[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]		
5190	0	0.53	-	-15.39	2.95	10.01	0.70	-1.90	-1.20	-15.12	2.95	10.00	4.07	-1.64	2.43		
	8	0.53	-	-14.47	2.95	10.01	0.70	-0.98	-0.28	-14.46	2.95	10.00	4.07	-0.98	3.09		
	17	0.53	-	-15.36	2.95	10.01	0.70	-1.87	-1.17	-14.32	2.95	10.00	4.07	-0.84	3.23		
5230	0	0.53	-	-15.81	2.95	10.01	0.70	-2.32	-1.62	-15.70	2.95	10.00	4.07	-2.22	1.85		
	8	0.53	-	-15.03	2.95	10.01	0.70	-1.54	-0.84	-14.98	2.95	10.00	4.07	-1.50	2.57		
	17	0.53	-	-15.30	2.95	10.01	0.70	-1.81	-1.11	-14.93	2.95	10.00	4.07	-1.45	2.62		
5270	0	0.53	-	-17.16	2.95	10.01	0.70	-3.66	-2.96	-16.16	2.96	10.00	4.07	-2.67	1.40		
	8	0.53	-	-16.61	2.95	10.01	0.70	-3.12	-2.42	-15.85	2.96	10.00	4.07	-2.36	1.71		
	17	0.53	-	-17.21	2.95	10.01	0.70	-3.71	-3.01	-15.52	2.96	10.00	4.07	-2.03	2.04		
5310	0	0.53	-	-16.93	2.96	10.01	0.70	-3.43	-2.73	-16.56	2.96	10.00	4.07	-3.07	1.01		
	8	0.53	-	-16.58	2.96	10.01	0.70	-3.08	-2.38	-16.75	2.96	10.00	4.07	-3.26	0.81		
	17	0.53	-	-16.92	2.96	10.01	0.70	-3.42	-2.72	-16.34	2.96	10.00	4.07	-2.85	1.22		

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss+ Duty Factor+ RBW Conversion Factor

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

Maximum Power Spectral Density

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 26-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]				Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]			
5510	0	0.79	1.00	1.79	2.53	11.00	8.47	0.93	2.54	3.47	5.41	17.00	11.59
	8	0.83	1.01	1.84	2.65	11.00	8.35	0.98	2.58	3.55	5.51	17.00	11.49
	17	0.71	1.09	1.80	2.55	11.00	8.45	0.83	2.79	3.62	5.59	17.00	11.41
5550	0	0.83	0.98	1.81	2.57	11.00	8.43	0.97	2.50	3.48	5.41	17.00	11.59
	8	0.85	1.17	2.02	3.06	11.00	7.94	1.00	2.99	3.99	6.01	17.00	10.99
	17	0.88	0.98	1.87	2.71	11.00	8.29	1.04	2.51	3.55	5.50	17.00	11.50
5670	0	0.75	0.86	1.61	2.06	11.00	8.94	0.88	2.20	3.07	4.87	17.00	12.13
	8	0.80	1.07	1.87	2.72	11.00	8.28	0.94	2.74	3.67	5.65	17.00	11.35
	17	0.73	0.97	1.69	2.29	11.00	8.71	0.85	2.47	3.32	5.22	17.00	11.78
5755	0	1.25	1.33	2.58	4.11	30.00	25.89	1.47	3.39	4.86	6.87	36.00	29.13
	8	1.43	1.35	2.77	4.43	30.00	25.57	1.68	3.44	5.11	7.09	36.00	28.91
	17	1.16	1.24	2.40	3.80	30.00	26.20	1.36	3.16	4.52	6.55	36.00	29.45
5795	0	1.24	1.27	2.50	3.98	30.00	26.02	1.45	3.23	4.68	6.71	36.00	29.29
	8	1.30	1.62	2.91	4.64	30.00	25.36	1.52	4.13	5.65	7.52	36.00	28.48
	17	1.29	1.45	2.74	4.38	30.00	25.62	1.52	3.70	5.21	7.17	36.00	28.83

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	RBW Conversion Factor [dB]	Ant 0						Ant 2					
				PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna 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]
5510	0	0.53	-	-14.52	2.98	10.01	0.70	-1.00	-0.30	-13.54	2.98	10.01	4.07	-0.02	4.05
	8	0.53	-	-14.33	2.98	10.01	0.70	-0.81	-0.11	-13.48	2.98	10.01	4.07	0.04	4.11
	17	0.53	-	-15.03	2.98	10.01	0.70	-1.51	-0.81	-13.14	2.98	10.01	4.07	0.39	4.46
5550	0	0.53	-	-14.35	2.98	10.01	0.70	-0.83	-0.13	-13.60	2.98	10.01	4.07	-0.08	3.99
	8	0.53	-	-14.20	2.98	10.01	0.70	-0.68	0.02	-12.84	2.98	10.01	4.07	0.68	4.75
	17	0.53	-	-14.05	2.98	10.01	0.70	-0.53	0.17	-13.60	2.98	10.01	4.07	-0.08	3.99
5670	0	0.53	-	-14.81	2.99	10.01	0.70	-1.28	-0.58	-14.18	2.99	10.01	4.07	-0.65	3.42
	8	0.53	-	-14.51	2.99	10.01	0.70	-0.98	-0.28	-13.23	2.99	10.01	4.07	0.30	4.37
	17	0.53	-	-14.92	2.99	10.01	0.70	-1.39	-0.69	-13.67	2.99	10.01	4.07	-0.14	3.93
5755	0	0.53	0.27	-12.84	3.00	10.01	0.70	0.97	1.67	-12.59	3.00	10.02	4.07	1.23	5.30
	8	0.53	0.27	-12.26	3.00	10.01	0.70	1.55	2.25	-12.53	3.00	10.02	4.07	1.29	5.36
	17	0.53	0.27	-13.17	3.00	10.01	0.70	0.64	1.34	-12.89	3.00	10.02	4.07	0.93	5.00
5795	0	0.53	0.27	-12.89	3.00	10.01	0.70	0.92	1.62	-12.79	3.00	10.02	4.07	1.03	5.10
	8	0.53	0.27	-12.68	3.00	10.01	0.70	1.13	1.83	-11.73	3.00	10.02	4.07	2.09	6.16
	17	0.53	0.27	-12.70	3.00	10.01	0.70	1.11	1.81	-12.21	3.00	10.02	4.07	1.61	5.68

Sample Calculation:

PSD: Power Spectral Density

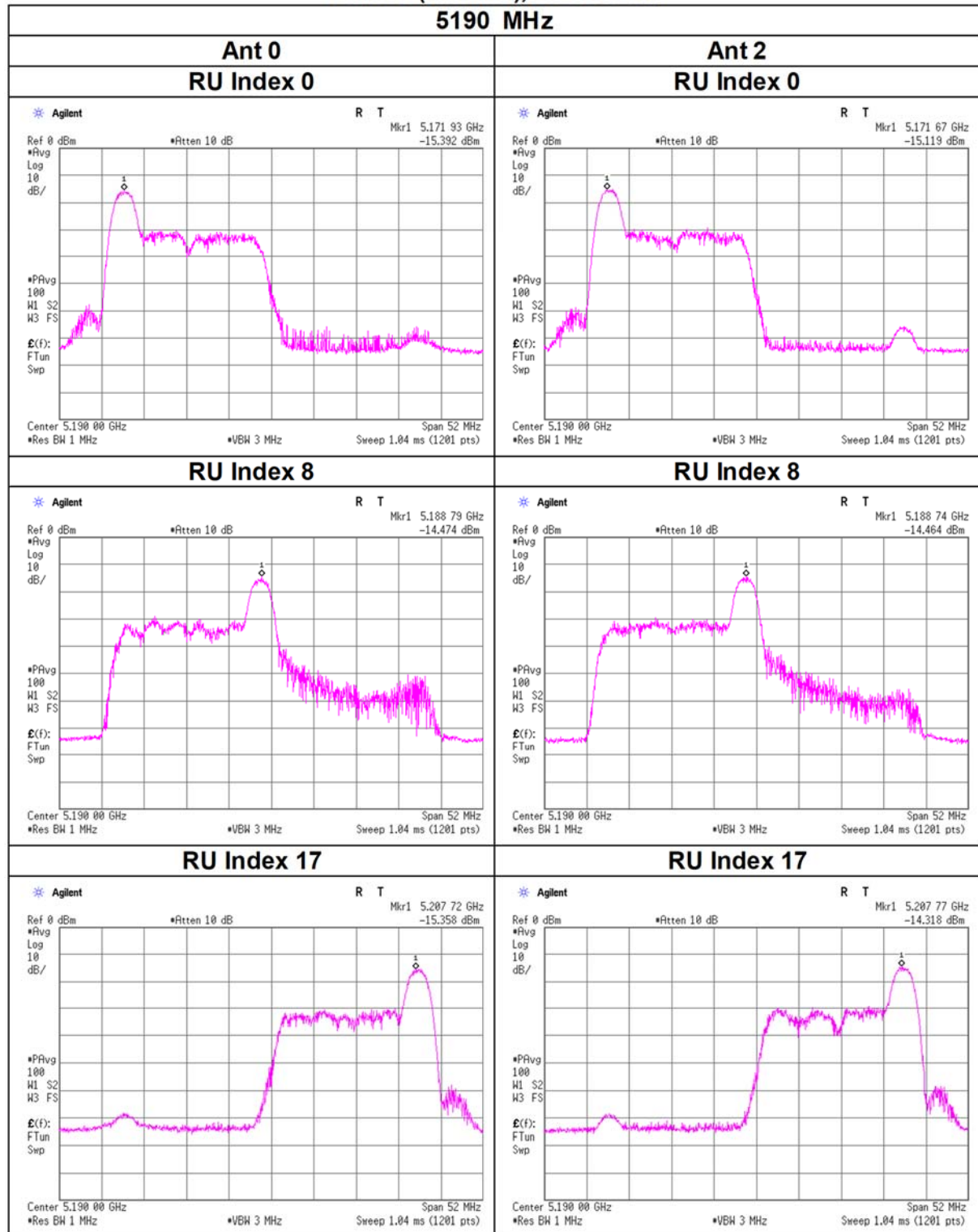
PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Conversion Factor

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

RBW Conversion Factor = $10 \times \log (500 \text{ [kHz]} / 470 \text{ [kHz]})$

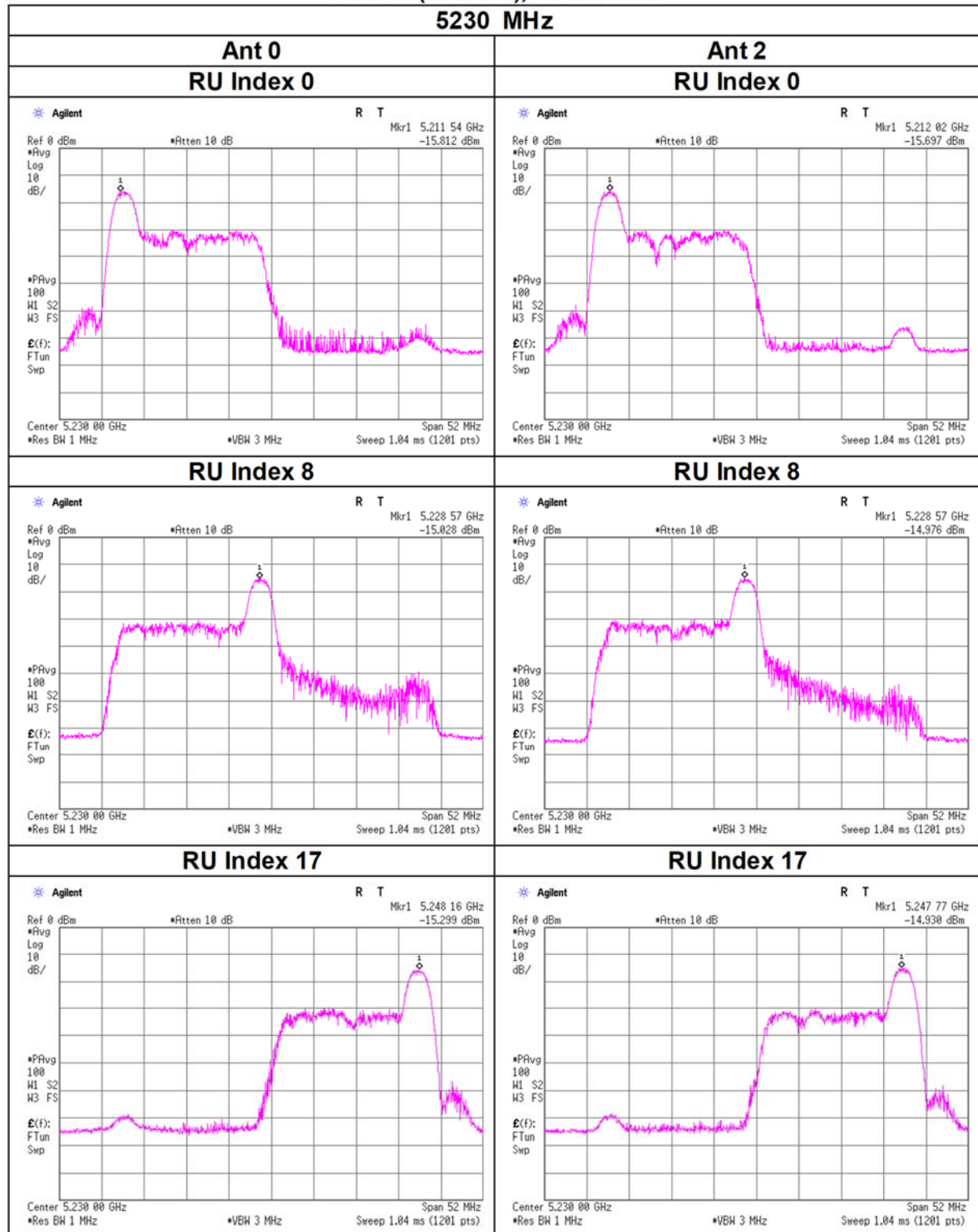
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



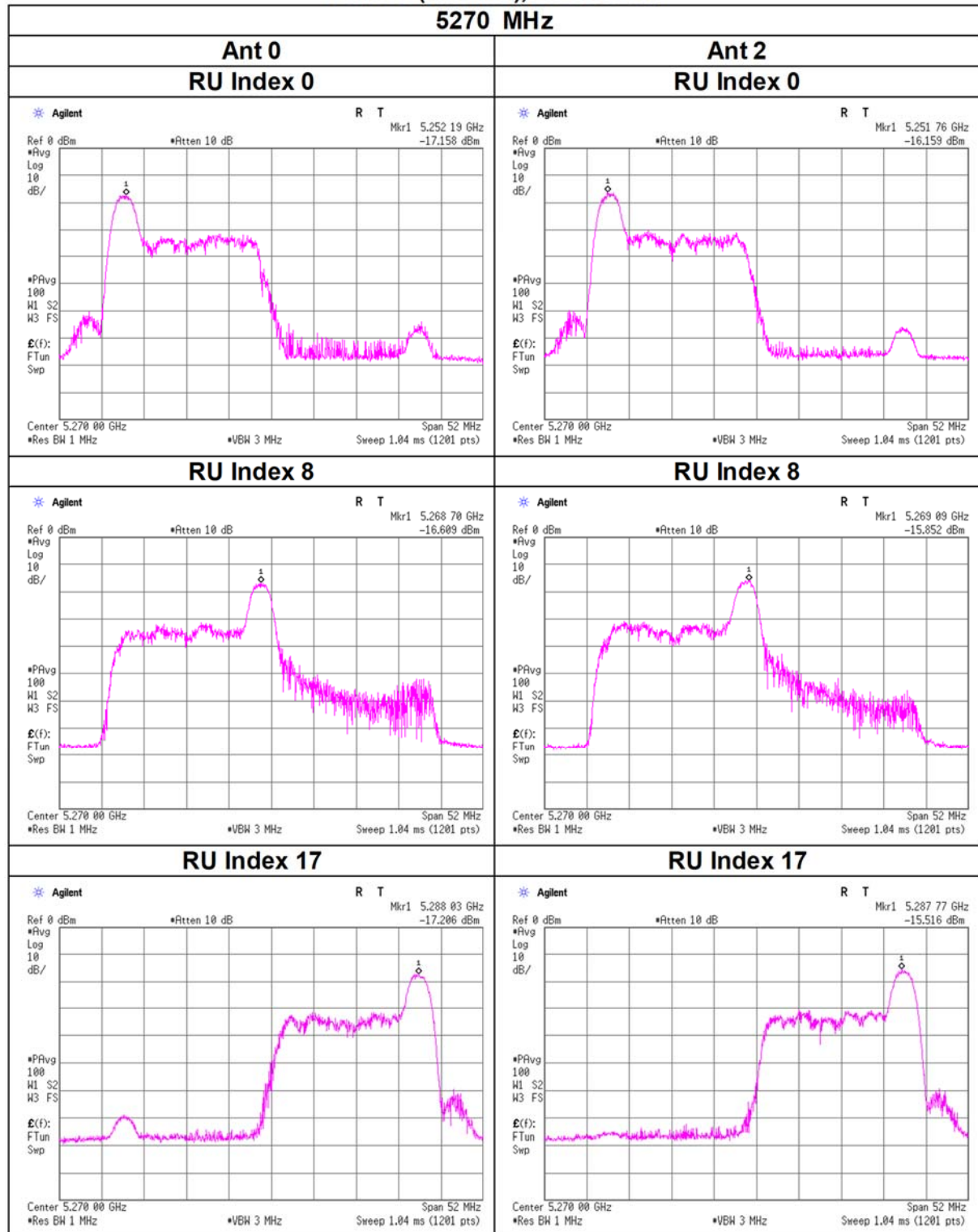
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



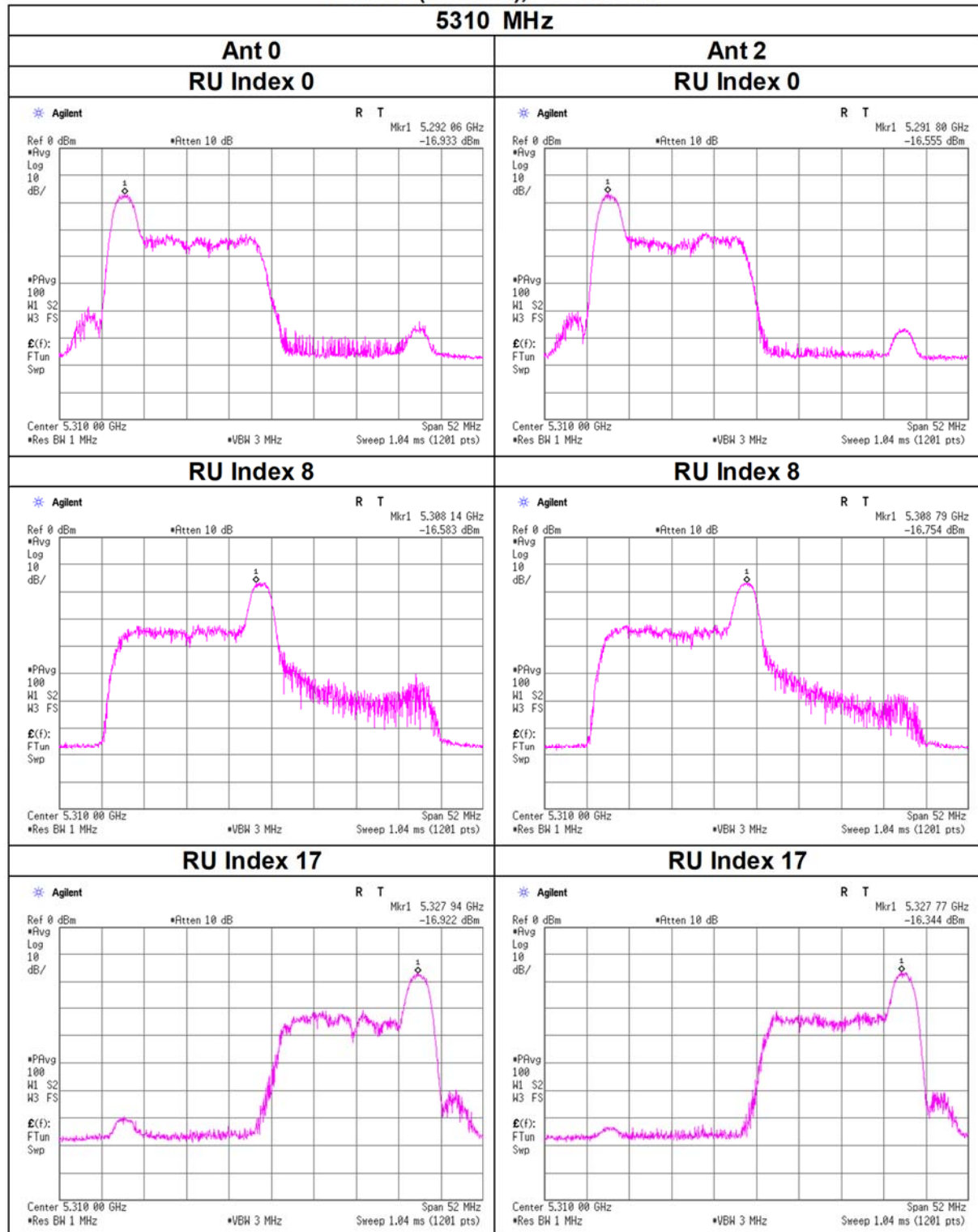
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



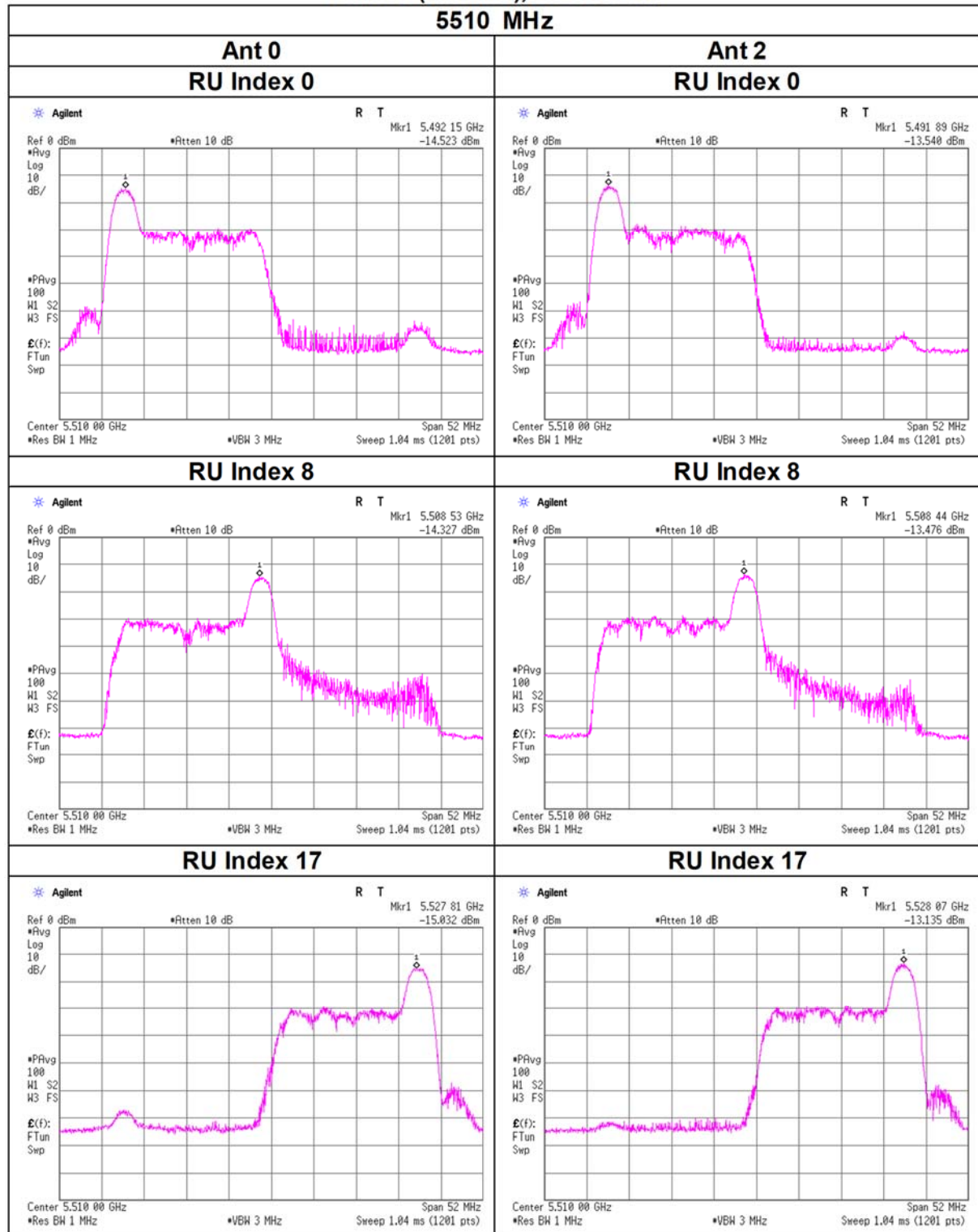
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



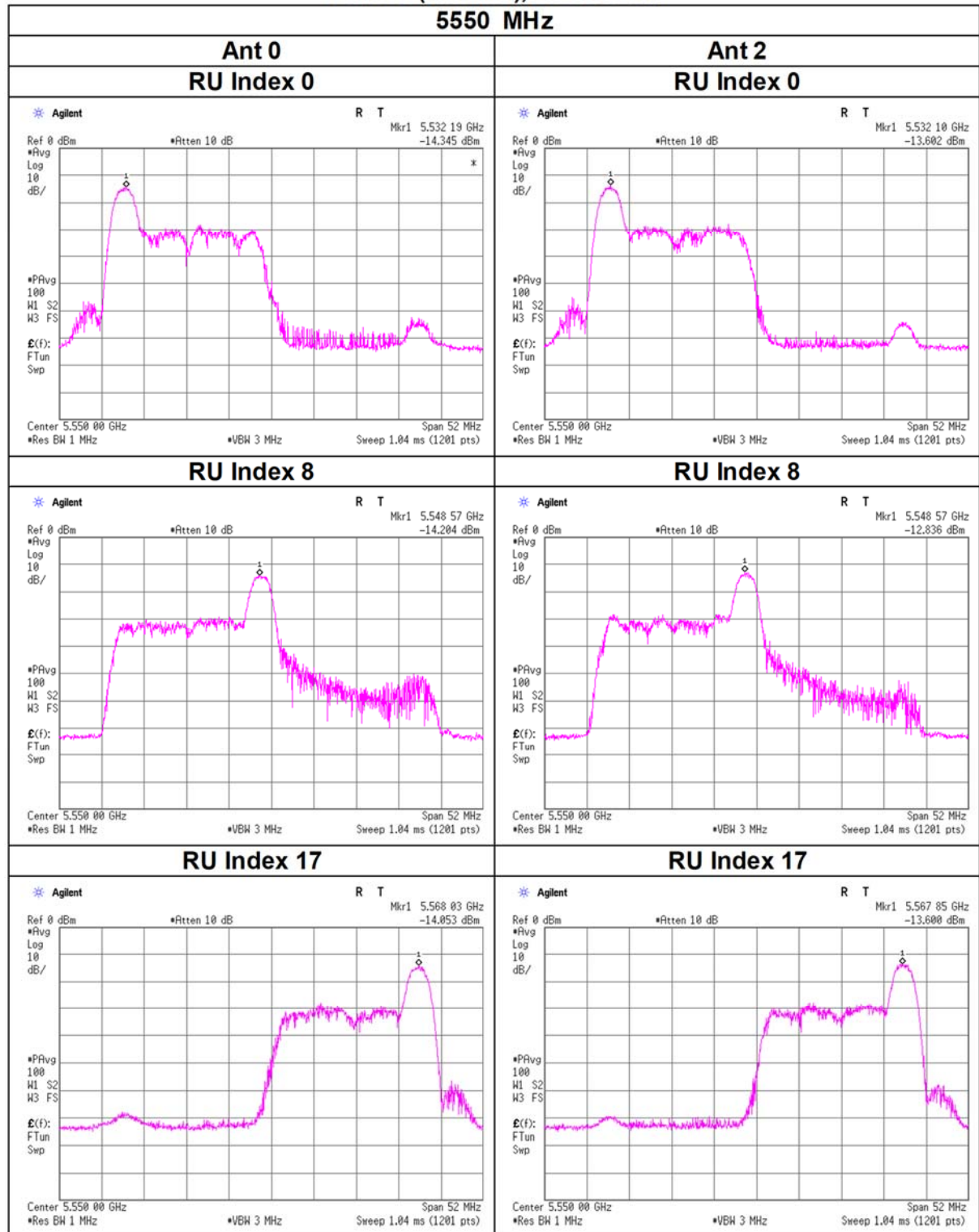
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



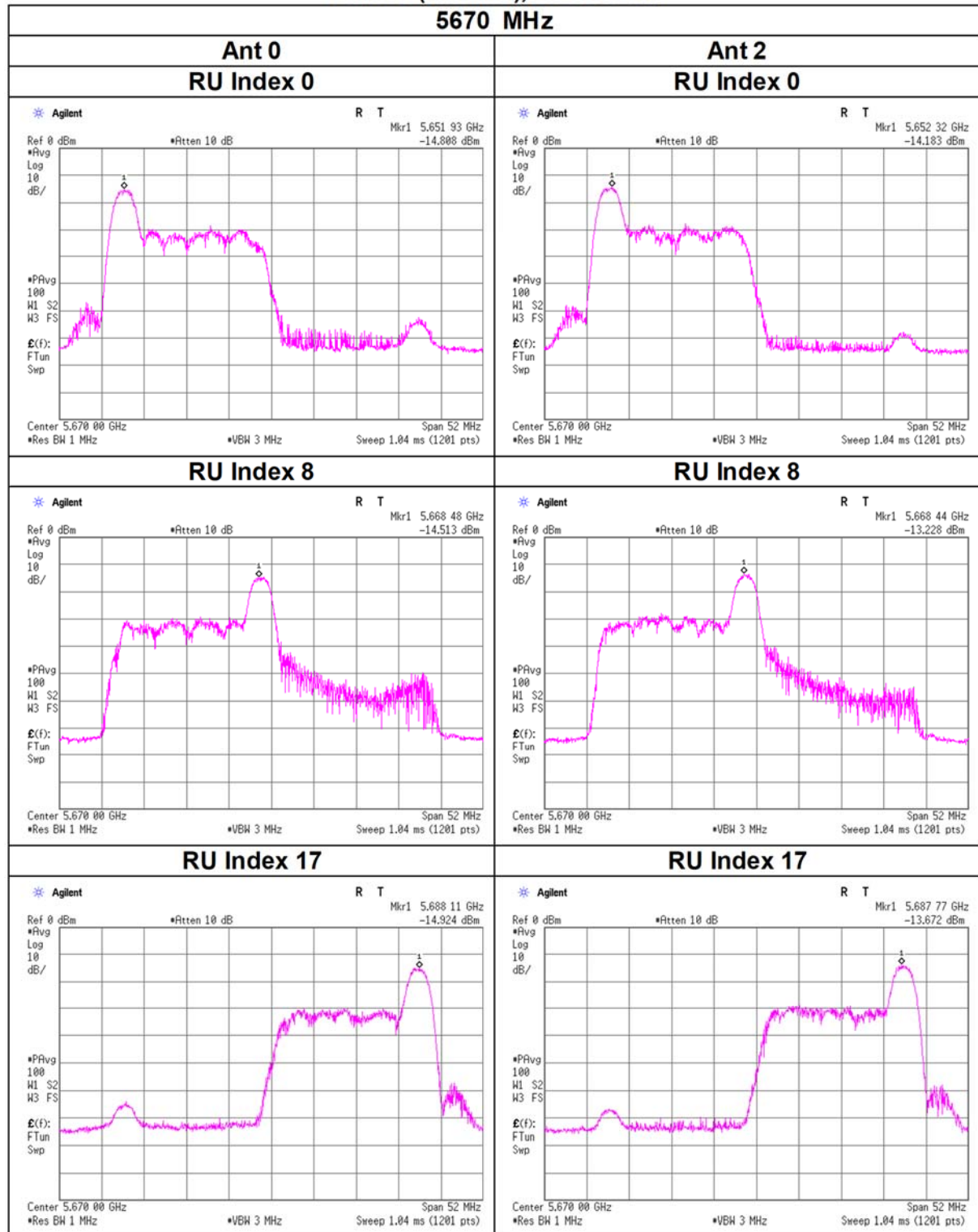
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



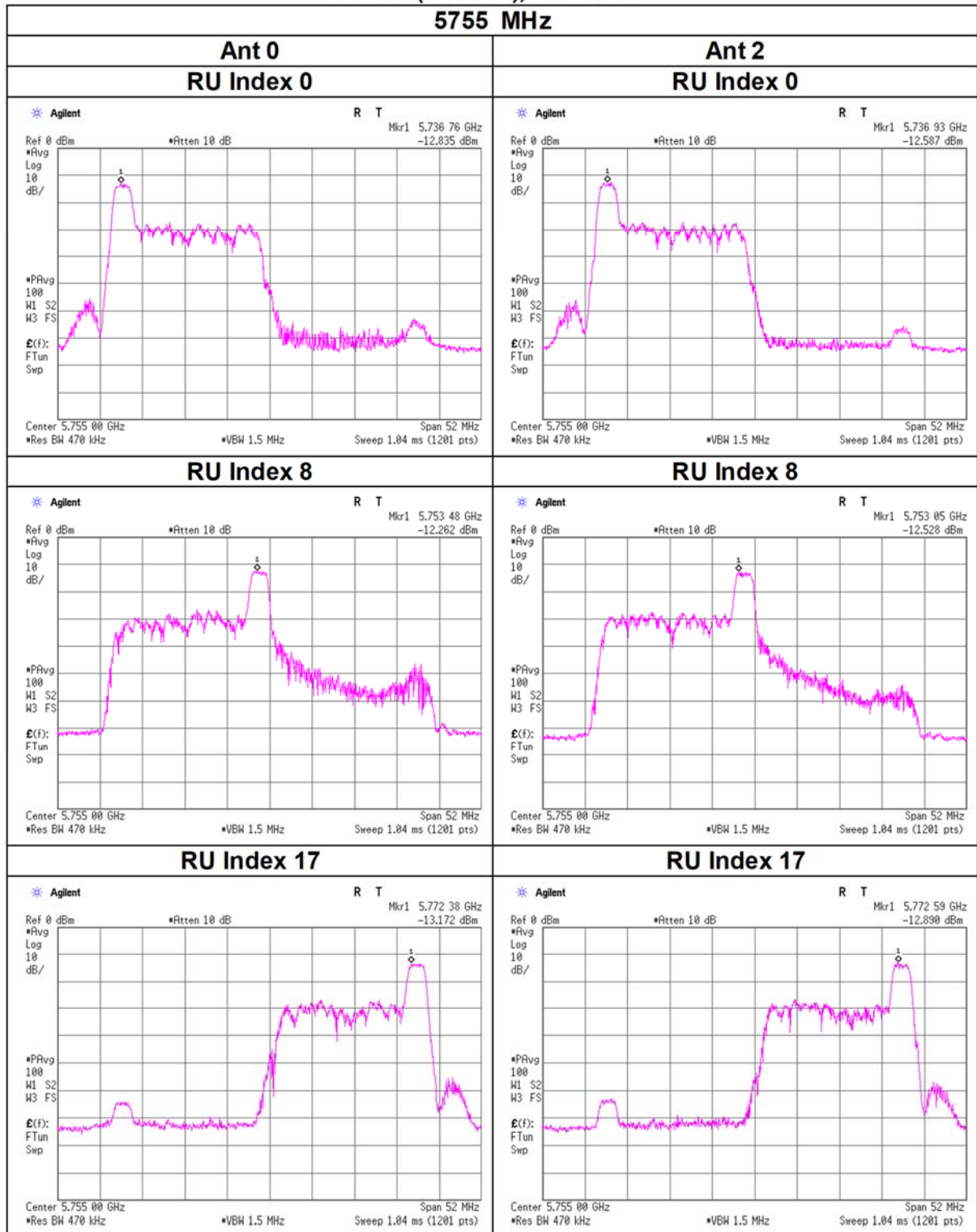
Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU



Maximum Power Spectral Density

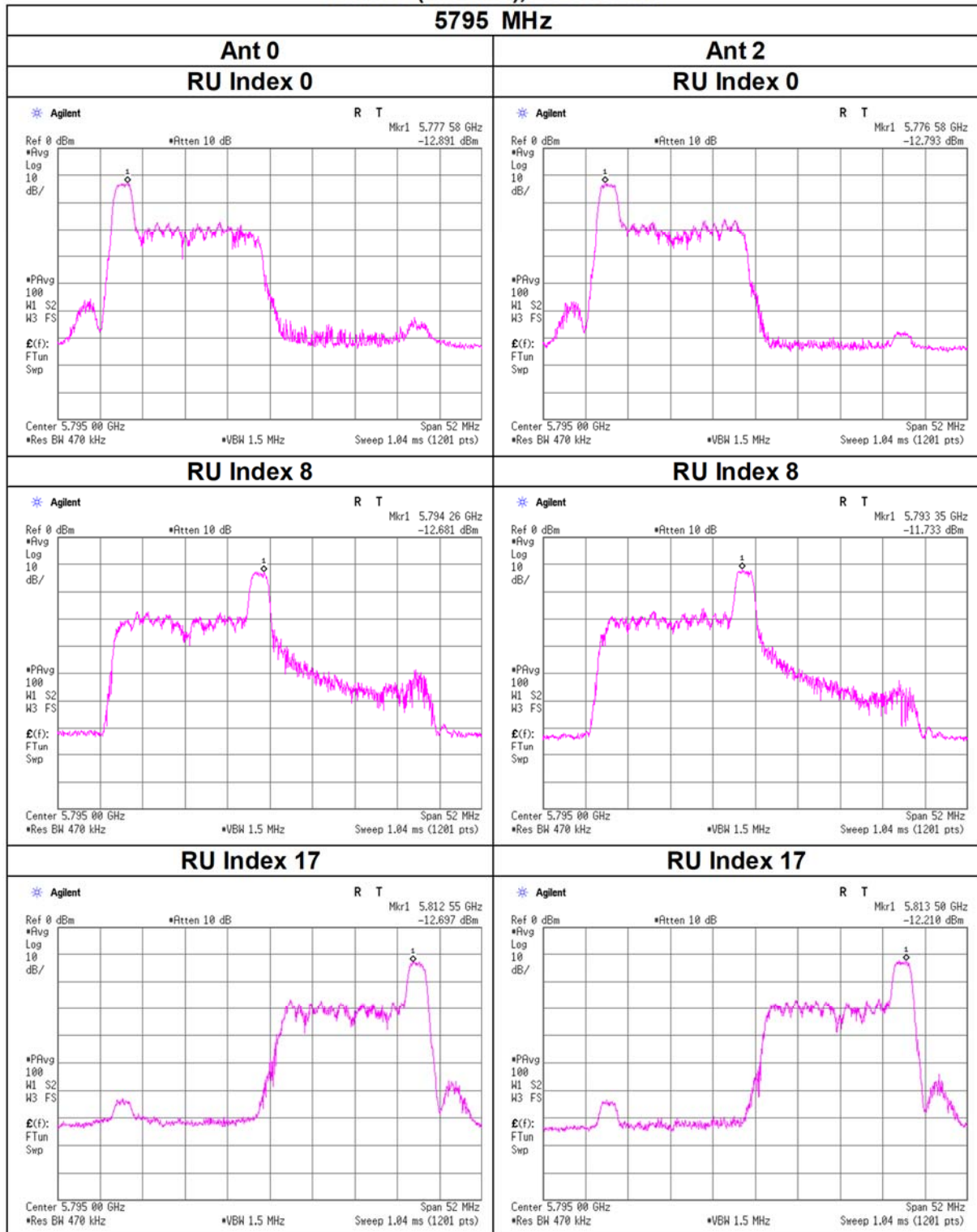
11ax-40(OFDMA), 26-tone RU



Maximum Power Spectral Density

11ax-40(OFDMA), 26-tone RU

5795 MHz



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date February 27, 2024
Temperature / Humidity 22 deg. C / 34 % RH
Engineer Kazuya Noda
Mode Tx

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 52-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)							PSD (e.i.r.p.)						
		Antenna			Result	Limit	Margin		Antenna			Result	Limit	Margin	
		Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]					Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]				
5190	37	0.66	0.68	1.34	1.27	11.00	9.73		0.78	1.73	2.51	4.00	17.00	13.00	
	40	0.74	0.74	1.48	1.71	11.00	9.29		0.87	1.90	2.77	4.42	17.00	12.58	
	44	0.75	0.70	1.45	1.61	11.00	9.39		0.89	1.78	2.66	4.25	17.00	12.75	
5230	37	0.67	0.67	1.35	1.29	11.00	9.71		0.79	1.72	2.51	4.00	17.00	13.00	
	40	0.74	0.66	1.40	1.47	11.00	9.53		0.87	1.69	2.56	4.08	17.00	12.92	
	44	0.68	0.71	1.40	1.45	11.00	9.55		0.80	1.82	2.62	4.19	17.00	12.81	
5270	37	0.43	0.52	0.95	-0.23	11.00	11.23		0.50	1.33	1.83	2.63	17.00	14.37	
	40	0.47	0.49	0.96	-0.17	11.00	11.17		0.56	1.25	1.80	2.56	17.00	14.44	
	44	0.47	0.51	0.98	-0.09	11.00	11.09		0.55	1.30	1.85	2.68	17.00	14.32	
5310	37	0.43	0.43	0.86	-0.66	11.00	11.66		0.50	1.09	1.60	2.04	17.00	14.96	
	40	0.45	0.49	0.94	-0.27	11.00	11.27		0.53	1.25	1.78	2.50	17.00	14.50	
	44	0.44	0.42	0.86	-0.67	11.00	11.67		0.51	1.08	1.59	2.01	17.00	14.99	

Tested Frequency [MHz]	RU Index	Ant 0								Ant 2							
		Duty Factor	RBW Conversion Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.		
		[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]		
5190	37	0.82	-	-15.57	2.95	10.01	0.70	-1.79	-1.09	-15.45	2.95	10.00	4.07	-1.68	2.39		
	40	0.82	-	-15.09	2.95	10.01	0.70	-1.31	-0.61	-15.06	2.95	10.00	4.07	-1.29	2.78		
	44	0.82	-	-15.01	2.95	10.01	0.70	-1.22	-0.52	-15.35	2.95	10.00	4.07	-1.58	2.49		
5230	37	0.82	-	-15.50	2.95	10.01	0.70	-1.72	-1.02	-15.49	2.95	10.00	4.07	-1.72	2.35		
	40	0.82	-	-15.09	2.95	10.01	0.70	-1.31	-0.61	-15.56	2.95	10.00	4.07	-1.79	2.28		
	44	0.82	-	-15.44	2.95	10.01	0.70	-1.66	-0.96	-15.23	2.95	10.00	4.07	-1.46	2.61		
5270	37	0.82	-	-17.46	2.95	10.01	0.70	-3.67	-2.97	-16.62	2.96	10.00	4.07	-2.84	1.23		
	40	0.82	-	-17.04	2.95	10.01	0.70	-3.25	-2.55	-16.90	2.96	10.00	4.07	-3.12	0.95		
	44	0.82	-	-17.06	2.95	10.01	0.70	-3.28	-2.58	-16.71	2.96	10.00	4.07	-2.93	1.14		
5310	37	0.82	-	-17.47	2.96	10.01	0.70	-3.67	-2.97	-17.46	2.96	10.00	4.07	-3.68	0.39		
	40	0.82	-	-17.26	2.96	10.01	0.70	-3.46	-2.76	-16.89	2.96	10.00	4.07	-3.11	0.96		
	44	0.82	-	-17.41	2.96	10.01	0.70	-3.61	-2.91	-17.52	2.96	10.00	4.07	-3.74	0.33		

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss+ Duty Factor+ RBW Conversion Factor

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

Maximum Power Spectral Density

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 52-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]				Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]			
5510	37	0.83	0.93	1.76	2.47	11.00	8.53	0.98	2.37	3.35	5.26	17.00	11.74
	40	0.80	1.11	1.90	2.79	11.00	8.21	0.94	2.82	3.76	5.75	17.00	11.25
	44	0.75	1.06	1.81	2.57	11.00	8.43	0.88	2.70	3.58	5.54	17.00	11.46
5550	37	0.81	1.10	1.91	2.81	11.00	8.19	0.96	2.80	3.75	5.75	17.00	11.25
	40	0.91	1.06	1.97	2.94	11.00	8.06	1.07	2.70	3.77	5.76	17.00	11.24
	44	0.84	1.15	1.99	3.00	11.00	8.00	0.99	2.95	3.94	5.95	17.00	11.05
5670	37	0.79	1.00	1.79	2.52	11.00	8.48	0.93	2.54	3.47	5.40	17.00	11.60
	40	0.83	1.03	1.87	2.71	11.00	8.29	0.98	2.64	3.62	5.59	17.00	11.41
	44	0.75	1.02	1.77	2.48	11.00	8.52	0.88	2.60	3.48	5.42	17.00	11.58
5755	37	0.59	0.64	1.23	0.90	30.00	29.10	0.69	1.63	2.33	3.66	36.00	32.34
	40	0.63	0.72	1.35	1.29	30.00	28.71	0.73	1.84	2.57	4.11	36.00	31.89
	44	0.65	0.66	1.31	1.18	30.00	28.82	0.77	1.69	2.45	3.90	36.00	32.10
5795	37	0.59	0.77	1.36	1.32	30.00	28.68	0.69	1.96	2.65	4.23	36.00	31.77
	40	0.68	0.75	1.43	1.54	30.00	28.46	0.80	1.90	2.70	4.32	36.00	31.68
	44	0.61	0.71	1.32	1.22	30.00	28.78	0.72	1.82	2.54	4.05	36.00	31.95

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	RBW Conversion Factor [dB]	Ant 0						Ant 2					
				PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna 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]
5510	37	0.82	-	-14.60	2.98	10.01	0.70	-0.79	-0.09	-14.13	2.98	10.01	4.07	-0.32	3.75
	40	0.82	-	-14.80	2.98	10.01	0.70	-0.99	-0.29	-13.38	2.98	10.01	4.07	0.43	4.50
	44	0.82	-	-15.05	2.98	10.01	0.70	-1.24	-0.54	-13.57	2.98	10.01	4.07	0.24	4.31
5550	37	0.82	-	-14.70	2.98	10.01	0.70	-0.89	-0.19	-13.41	2.98	10.01	4.07	0.40	4.47
	40	0.82	-	-14.21	2.98	10.01	0.70	-0.40	0.30	-13.57	2.98	10.01	4.07	0.24	4.31
	44	0.82	-	-14.57	2.98	10.01	0.70	-0.76	-0.06	-13.19	2.98	10.01	4.07	0.63	4.70
5670	37	0.82	-	-14.84	2.99	10.01	0.70	-1.02	-0.32	-13.84	2.99	10.01	4.07	-0.02	4.05
	40	0.82	-	-14.61	2.99	10.01	0.70	-0.79	-0.09	-13.67	2.99	10.01	4.07	0.15	4.22
	44	0.82	-	-15.06	2.99	10.01	0.70	-1.23	-0.53	-13.75	2.99	10.01	4.07	0.07	4.14
5755	37	0.82	0.27	-16.39	3.00	10.01	0.70	-2.29	-1.59	-16.05	3.00	10.02	4.07	-1.94	2.13
	40	0.82	0.27	-16.14	3.00	10.01	0.70	-2.04	-1.34	-15.54	3.00	10.02	4.07	-1.43	2.64
	44	0.82	0.27	-15.96	3.00	10.01	0.70	-1.86	-1.16	-15.91	3.00	10.02	4.07	-1.80	2.27
5795	37	0.82	0.27	-16.40	3.00	10.01	0.70	-2.30	-1.60	-15.26	3.00	10.02	4.07	-1.15	2.92
	40	0.82	0.27	-15.77	3.00	10.01	0.70	-1.67	-0.97	-15.39	3.00	10.02	4.07	-1.28	2.79
	44	0.82	0.27	-16.24	3.00	10.01	0.70	-2.14	-1.44	-15.57	3.00	10.02	4.07	-1.46	2.61

Sample Calculation:

PSD: Power Spectral Density

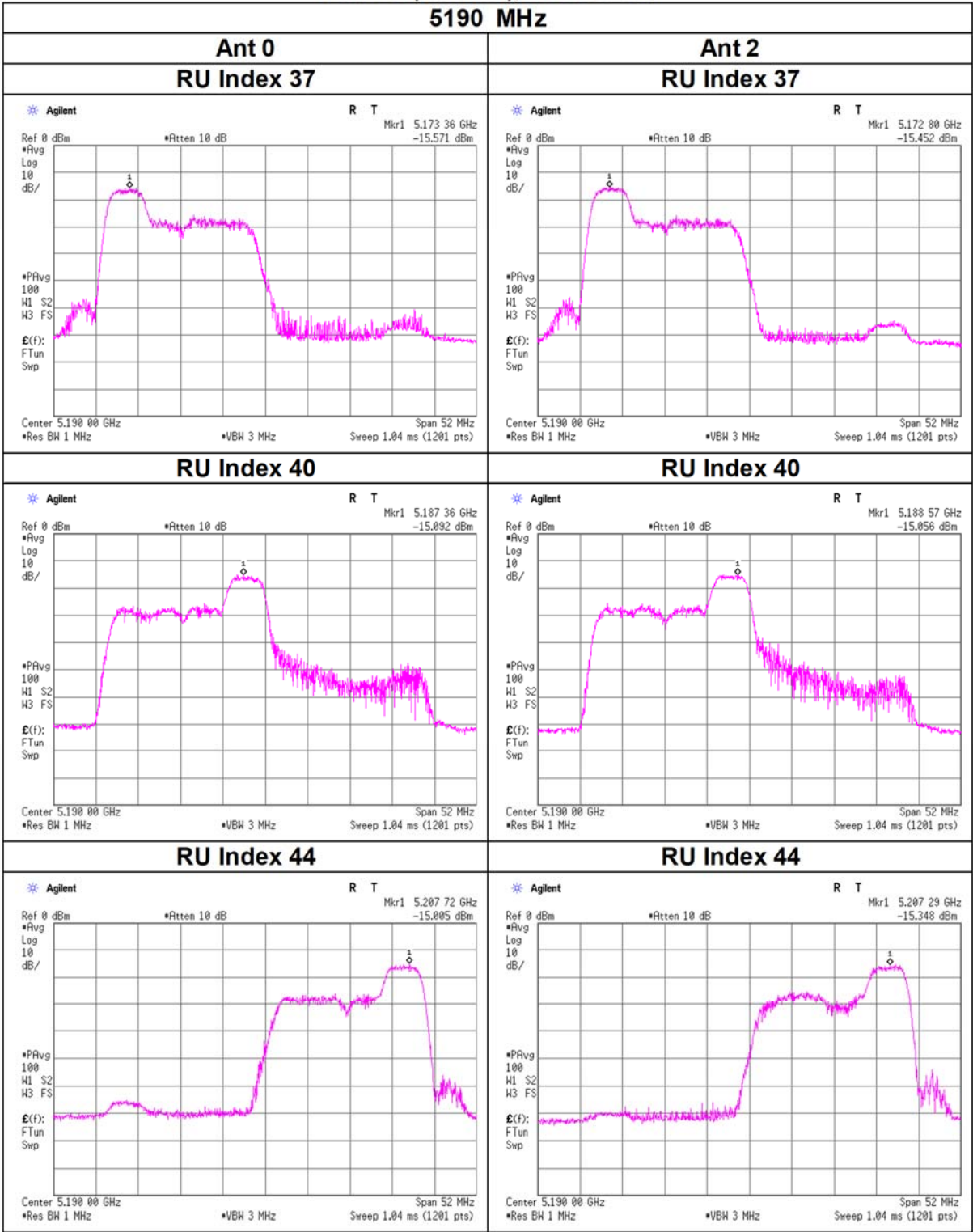
PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Conversion Factor

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

RBW Conversion Factor = $10 \times \log (500 \text{ [kHz]} / 470 \text{ [kHz]})$

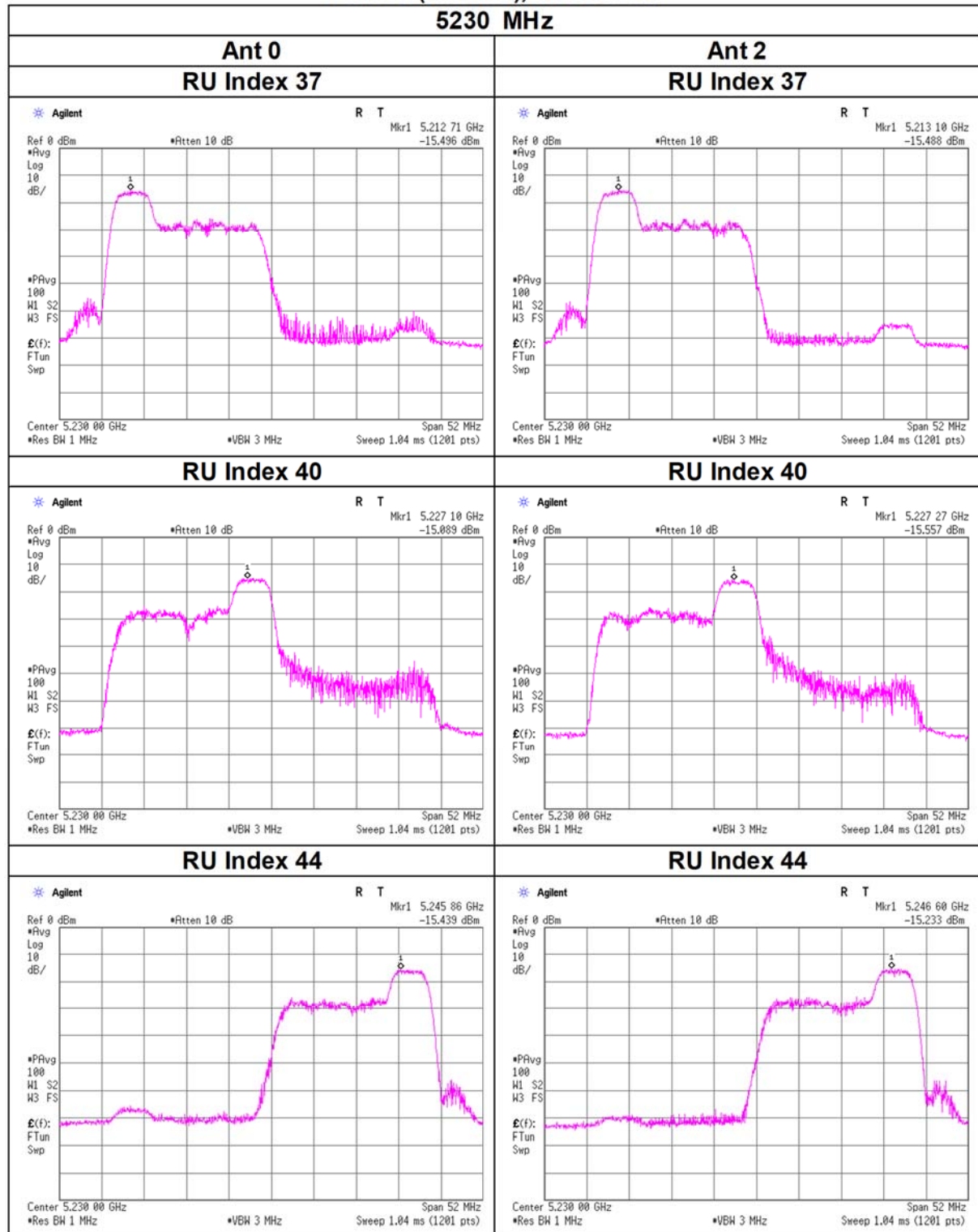
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



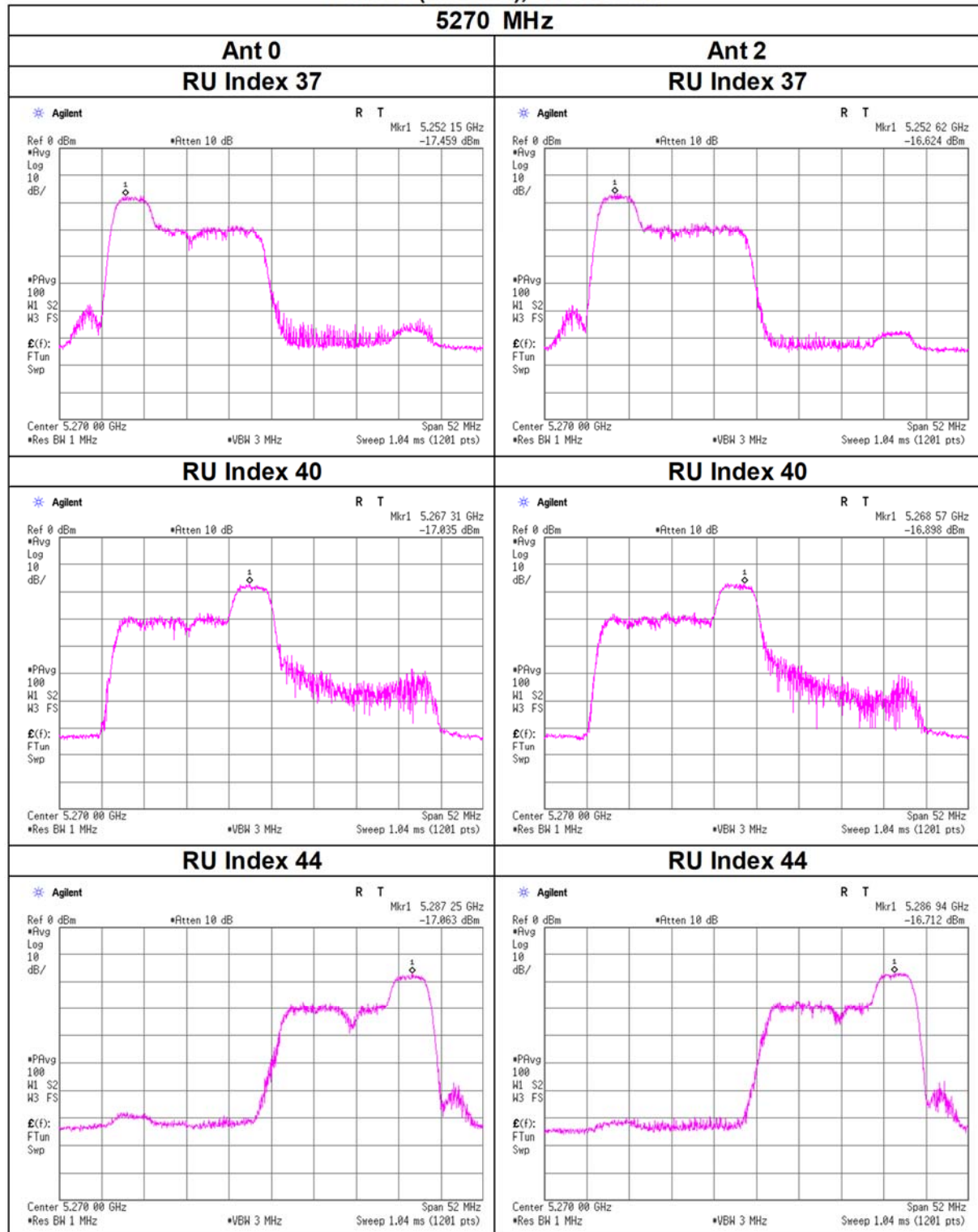
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



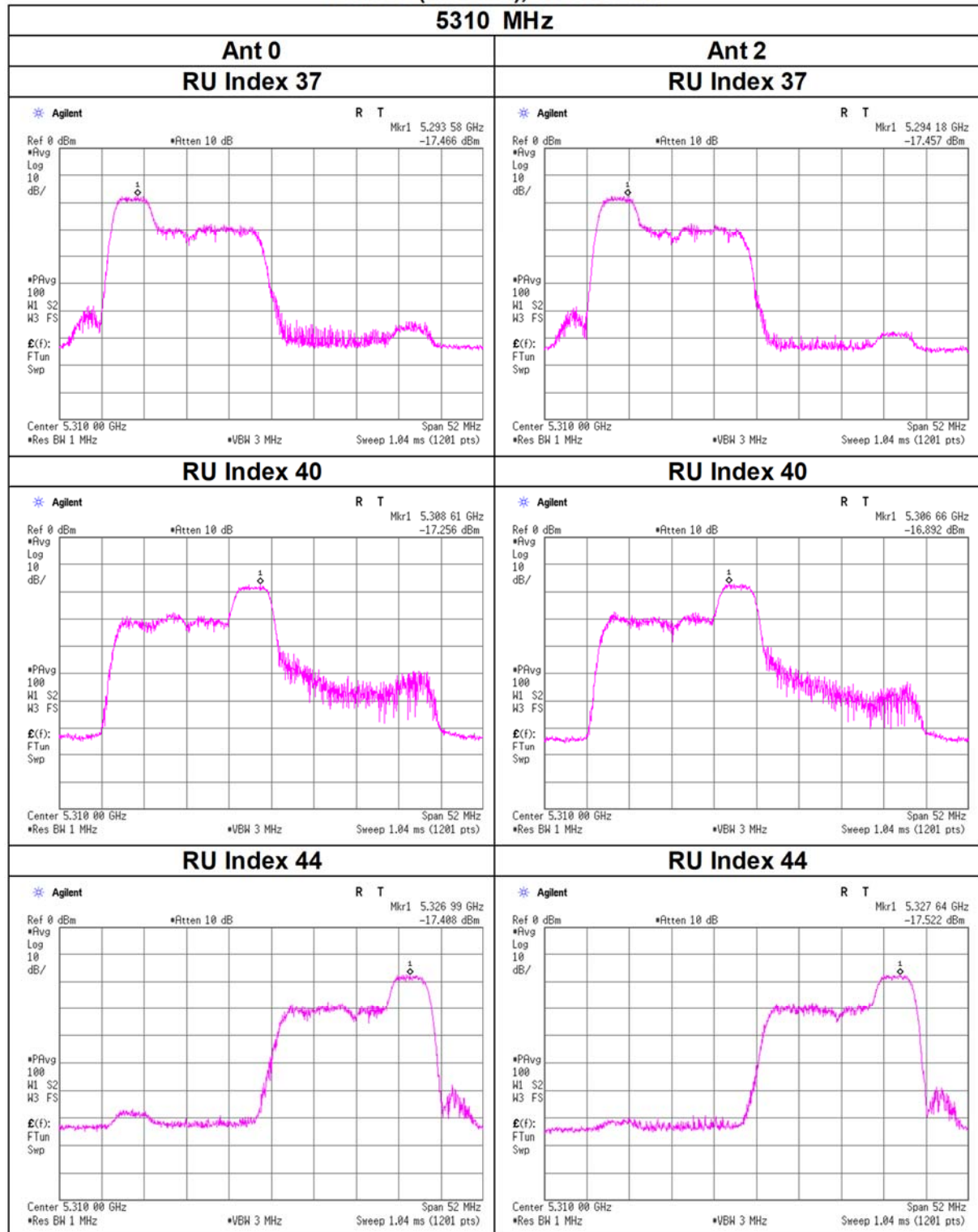
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



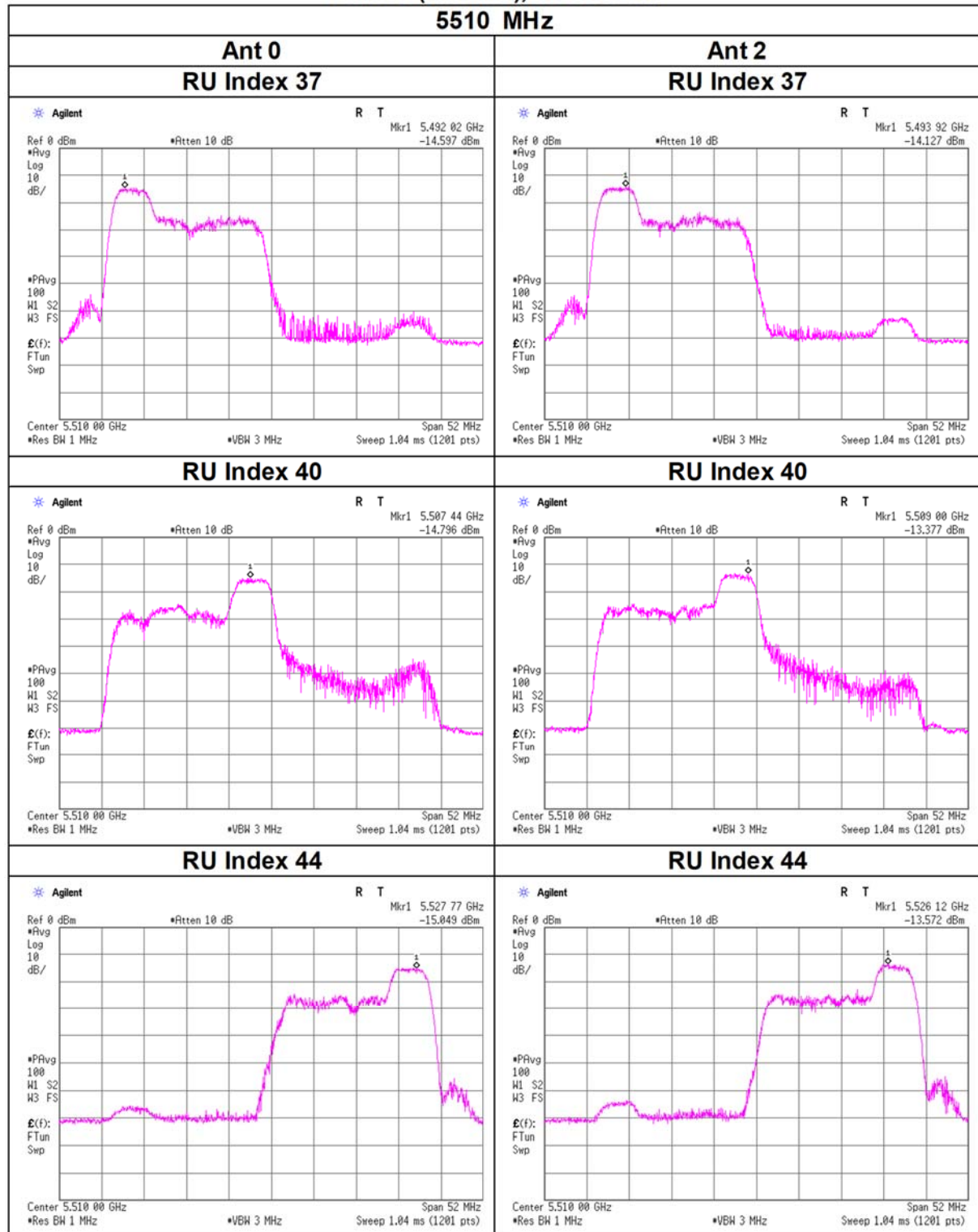
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



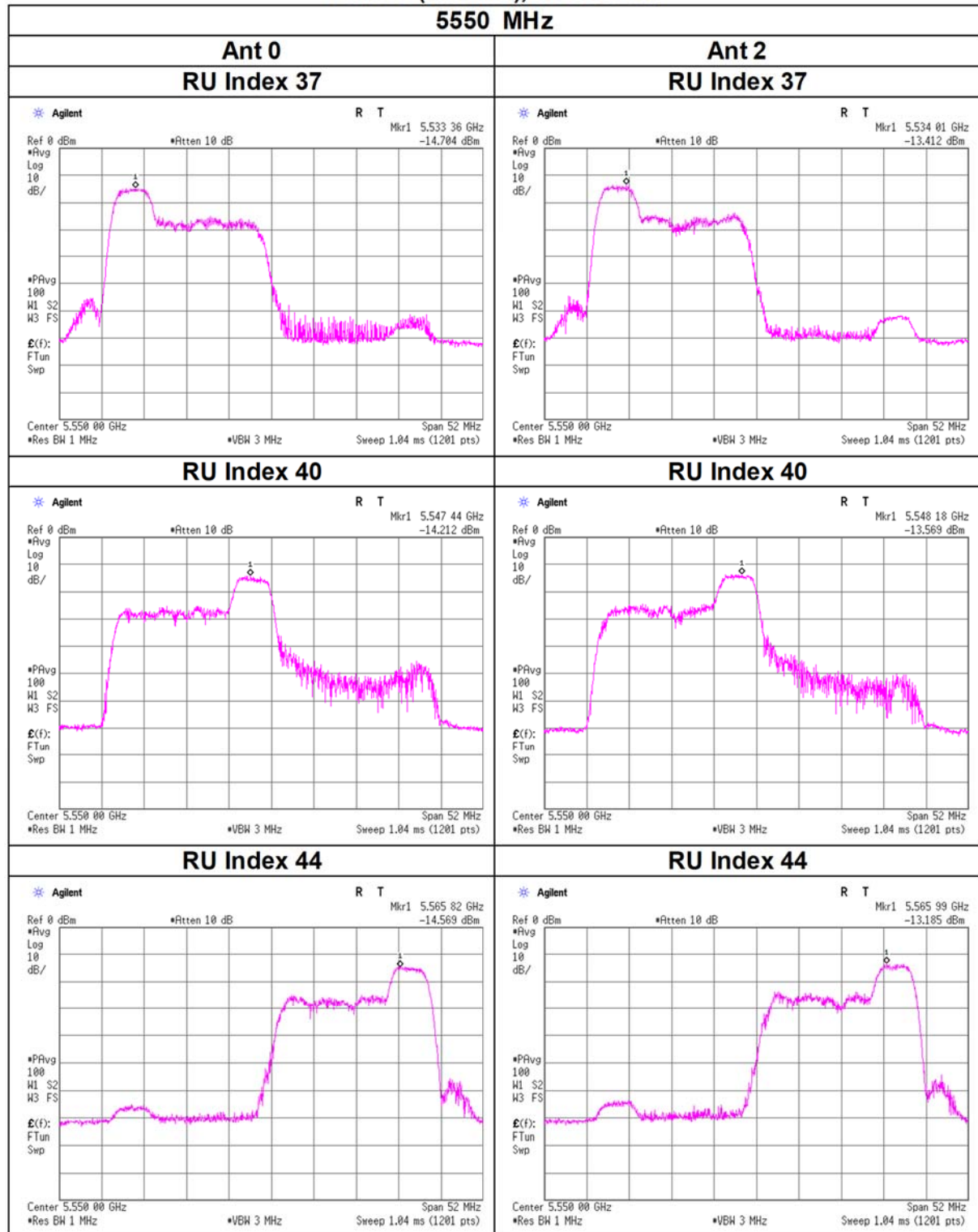
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



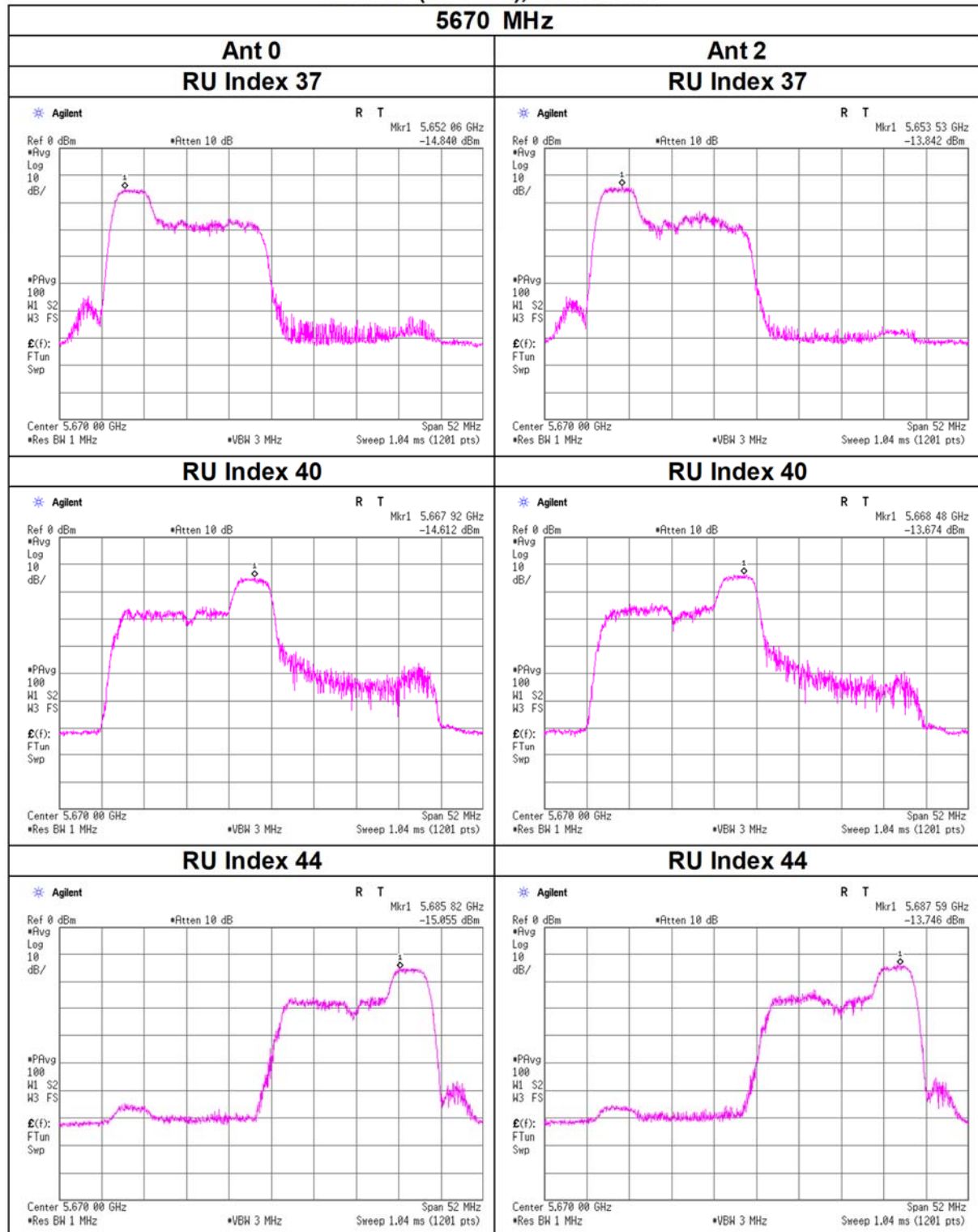
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



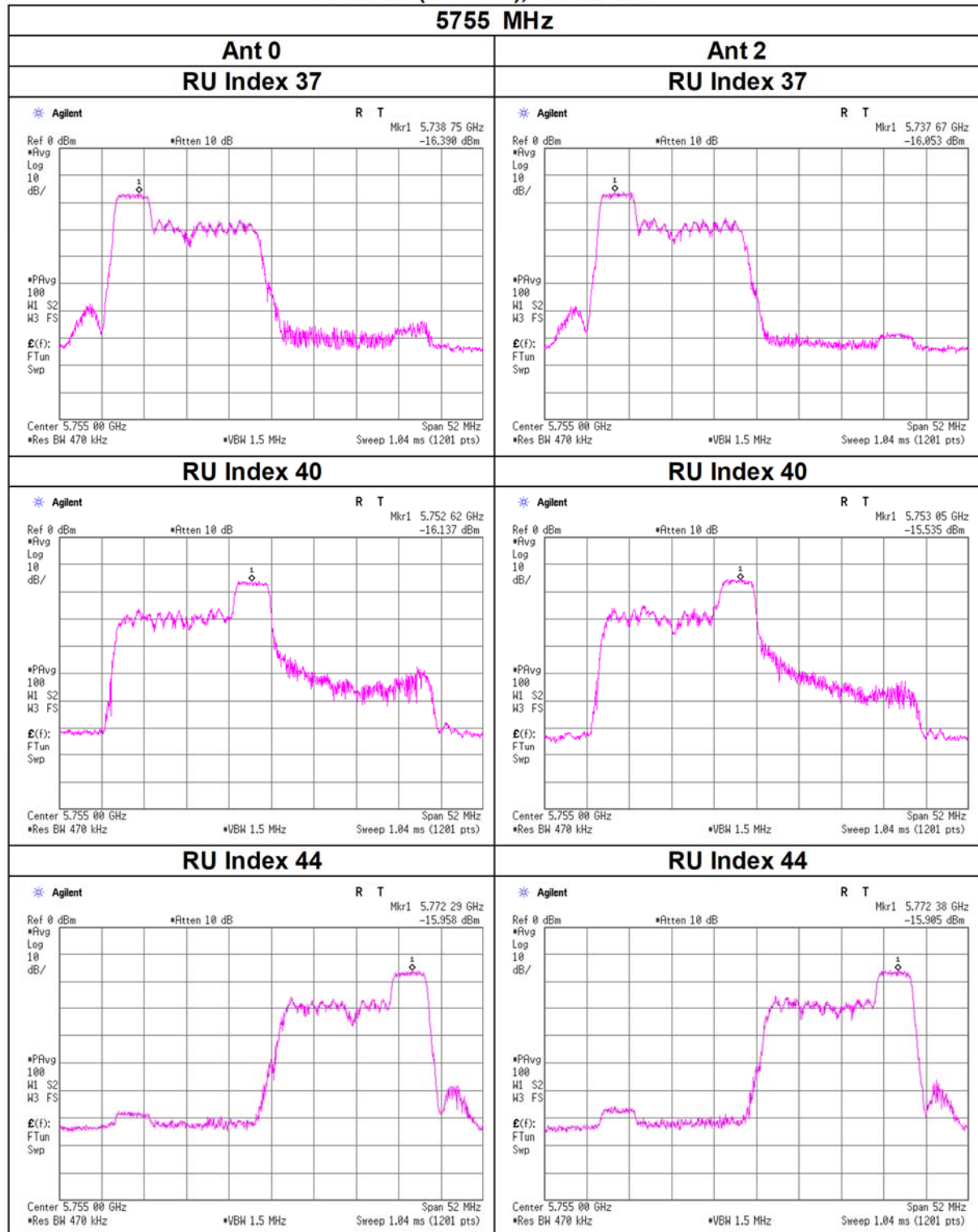
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



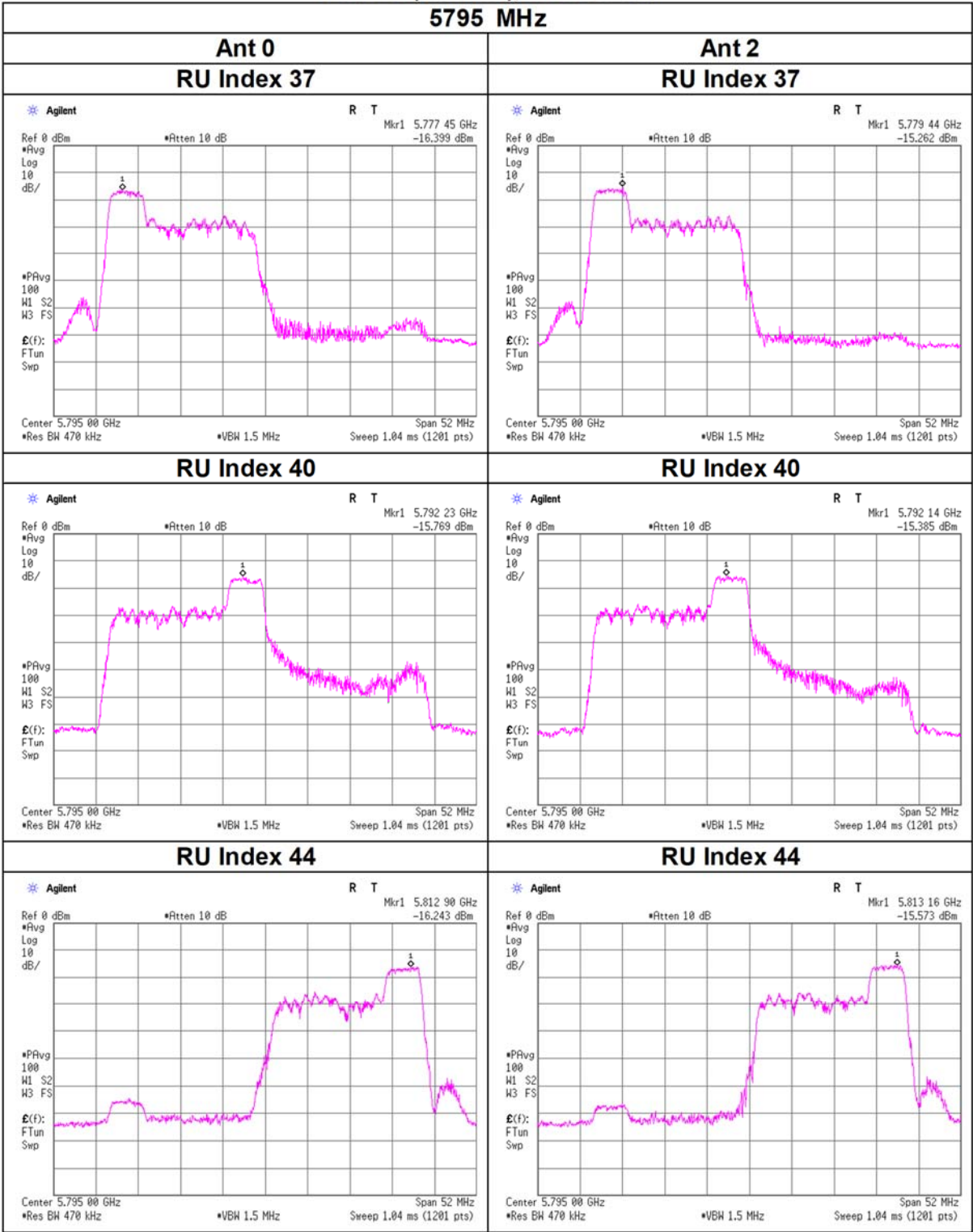
Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



Maximum Power Spectral Density

11ax-40(OFDMA), 52-tone RU



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date February 27, 2024
Temperature / Humidity 22 deg. C / 34 % RH
Engineer Kazuya Noda
Mode Tx

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 106-tone RU Applied limit: 15.407, 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]	
		Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]					Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]				
5190	53	0.70	0.79	1.49	1.72	11.00	9.28		0.82	2.01	2.83	4.52	17.00	12.48	
	54	0.68	0.76	1.44	1.60	11.00	9.40		0.80	1.95	2.75	4.39	17.00	12.61	
	56	0.75	0.75	1.50	1.75	11.00	9.25		0.88	1.91	2.79	4.45	17.00	12.55	
5230	53	0.77	0.70	1.46	1.65	11.00	9.35		0.90	1.78	2.68	4.28	17.00	12.72	
	54	0.77	0.81	1.58	1.98	11.00	9.02		0.90	2.06	2.97	4.73	17.00	12.27	
	56	0.76	0.80	1.56	1.93	11.00	9.07		0.89	2.04	2.93	4.67	17.00	12.33	
5270	53	0.49	0.50	0.99	-0.05	11.00	11.05		0.57	1.29	1.86	2.69	17.00	14.31	
	54	0.47	0.61	1.08	0.33	11.00	10.67		0.55	1.56	2.11	3.25	17.00	13.75	
	56	0.46	0.56	1.02	0.09	11.00	10.91		0.54	1.43	1.97	2.95	17.00	14.05	
5310	53	0.49	0.45	0.94	-0.25	11.00	11.25		0.58	1.15	1.73	2.38	17.00	14.62	
	54	0.53	0.49	1.01	0.05	11.00	10.95		0.62	1.24	1.86	2.69	17.00	14.31	
	56	0.54	0.49	1.03	0.14	11.00	10.86		0.64	1.25	1.89	2.76	17.00	14.24	

				Ant 0						Ant 2					
Tested Frequency	RU Index	Duty Factor	RBW Conversion 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]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5190	53	1.08	-	-15.60	2.95	10.01	0.70	-1.56	-0.86	-15.06	2.95	10.00	4.07	-1.03	3.04
	54	1.08	-	-15.70	2.95	10.01	0.70	-1.66	-0.96	-15.21	2.95	10.00	4.07	-1.18	2.89
	56	1.08	-	-15.28	2.95	10.01	0.70	-1.24	-0.54	-15.30	2.95	10.00	4.07	-1.27	2.80
5230	53	1.08	-	-15.19	2.95	10.01	0.70	-1.15	-0.45	-15.61	2.95	10.00	4.07	-1.58	2.49
	54	1.08	-	-15.18	2.95	10.01	0.70	-1.14	-0.44	-14.95	2.95	10.00	4.07	-0.92	3.15
	56	1.08	-	-15.24	2.95	10.01	0.70	-1.20	-0.50	-15.00	2.95	10.00	4.07	-0.97	3.10
5270	53	1.08	-	-17.18	2.95	10.01	0.70	-3.14	-2.44	-17.01	2.96	10.00	4.07	-2.97	1.10
	54	1.08	-	-17.34	2.95	10.01	0.70	-3.29	-2.59	-16.18	2.96	10.00	4.07	-2.14	1.93
	56	1.08	-	-17.39	2.95	10.01	0.70	-3.35	-2.65	-16.57	2.96	10.00	4.07	-2.53	1.54
5310	53	1.08	-	-17.11	2.96	10.01	0.70	-3.06	-2.36	-17.51	2.96	10.00	4.07	-3.47	0.60
	54	1.08	-	-16.85	2.96	10.01	0.70	-2.79	-2.09	-17.17	2.96	10.00	4.07	-3.13	0.94
	56	1.08	-	-16.70	2.96	10.01	0.70	-2.64	-1.94	-17.15	2.96	10.00	4.07	-3.11	0.96

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss+ Duty Factor+ RBW Conversion Factor

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

Maximum Power Spectral Density

Ant 0 + Ant 2 11ax-40(OFDMA)(SDM), 106-tone RU Applied limit: 15.407, Client

Tested Frequency [MHz]	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]				Ant 0 [mW/MHz]	Ant 2 [mW/MHz]	Sum [mW/MHz]			
5510	53	0.77	1.06	1.83	2.63	11.00	8.37	0.91	2.71	3.62	5.58	17.00	11.42
	54	0.88	1.09	1.97	2.93	11.00	8.07	1.03	2.77	3.81	5.80	17.00	11.20
	56	0.85	0.99	1.84	2.65	11.00	8.35	1.00	2.53	3.53	5.48	17.00	11.52
5550	53	0.91	1.01	1.92	2.84	11.00	8.16	1.07	2.59	3.66	5.63	17.00	11.37
	54	0.91	1.00	1.91	2.81	11.00	8.19	1.07	2.55	3.62	5.58	17.00	11.42
	56	0.84	1.00	1.84	2.64	11.00	8.36	0.99	2.54	3.53	5.48	17.00	11.52
5670	53	0.70	1.01	1.71	2.33	11.00	8.67	0.83	2.57	3.40	5.31	17.00	11.69
	54	0.75	1.02	1.77	2.47	11.00	8.53	0.88	2.61	3.48	5.42	17.00	11.58
	56	0.86	0.98	1.84	2.65	11.00	8.35	1.01	2.50	3.51	5.46	17.00	11.54
5755	53	0.30	0.36	0.66	-1.81	30.00	31.81	0.35	0.92	1.27	1.04	36.00	34.96
	54	0.34	0.34	0.68	-1.67	30.00	31.67	0.40	0.87	1.27	1.03	36.00	34.97
	56	0.32	0.36	0.68	-1.68	30.00	31.68	0.38	0.91	1.29	1.11	36.00	34.89
5795	53	0.32	0.41	0.73	-1.35	30.00	31.35	0.38	1.05	1.43	1.54	36.00	34.46
	54	0.34	0.40	0.74	-1.31	30.00	31.31	0.40	1.01	1.42	1.51	36.00	34.49
	56	0.33	0.41	0.74	-1.28	30.00	31.28	0.39	1.06	1.45	1.60	36.00	34.40

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	RBW Conversion Factor [dB]	Ant 0						Ant 2					
				PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	PSD Result e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna 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]
5510	53	1.08	-	-15.20	2.98	10.01	0.70	-1.13	-0.43	-13.81	2.98	10.01	4.07	0.26	4.33
	54	1.08	-	-14.63	2.98	10.01	0.70	-0.56	0.14	-13.71	2.98	10.01	4.07	0.36	4.43
	56	1.08	-	-14.78	2.98	10.01	0.70	-0.71	-0.01	-14.11	2.98	10.01	4.07	-0.04	4.03
5550	53	1.08	-	-14.48	2.98	10.01	0.70	-0.41	0.29	-14.01	2.98	10.01	4.07	0.06	4.13
	54	1.08	-	-14.48	2.98	10.01	0.70	-0.41	0.29	-14.08	2.98	10.01	4.07	-0.01	4.06
	56	1.08	-	-14.83	2.98	10.01	0.70	-0.76	-0.06	-14.09	2.98	10.01	4.07	-0.02	4.05
5670	53	1.08	-	-15.61	2.99	10.01	0.70	-1.53	-0.83	-14.05	2.99	10.01	4.07	0.03	4.10
	54	1.08	-	-15.36	2.99	10.01	0.70	-1.28	-0.58	-13.99	2.99	10.01	4.07	0.09	4.16
	56	1.08	-	-14.72	2.99	10.01	0.70	-0.64	0.06	-14.18	2.99	10.01	4.07	-0.10	3.97
5755	53	1.08	0.27	-19.57	3.00	10.01	0.70	-5.21	-4.51	-18.82	3.00	10.02	4.07	-4.45	-0.38
	54	1.08	0.27	-19.05	3.00	10.01	0.70	-4.69	-3.99	-19.04	3.00	10.02	4.07	-4.67	-0.60
	56	1.08	0.27	-19.28	3.00	10.01	0.70	-4.92	-4.22	-18.84	3.00	10.02	4.07	-4.47	-0.40
5795	53	1.08	0.27	-19.28	3.00	10.01	0.70	-4.92	-4.22	-18.24	3.00	10.02	4.07	-3.87	0.20
	54	1.08	0.27	-19.03	3.00	10.01	0.70	-4.67	-3.97	-18.38	3.00	10.02	4.07	-4.01	0.06
	56	1.08	0.27	-19.18	3.00	10.01	0.70	-4.82	-4.12	-18.20	3.00	10.02	4.07	-3.83	0.24

Sample Calculation:

PSD: Power Spectral Density

PSD (Conducted) Result = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Conversion Factor

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

RBW Conversion Factor = $10 \times \log (500 \text{ [kHz]} / 470 \text{ [kHz]})$