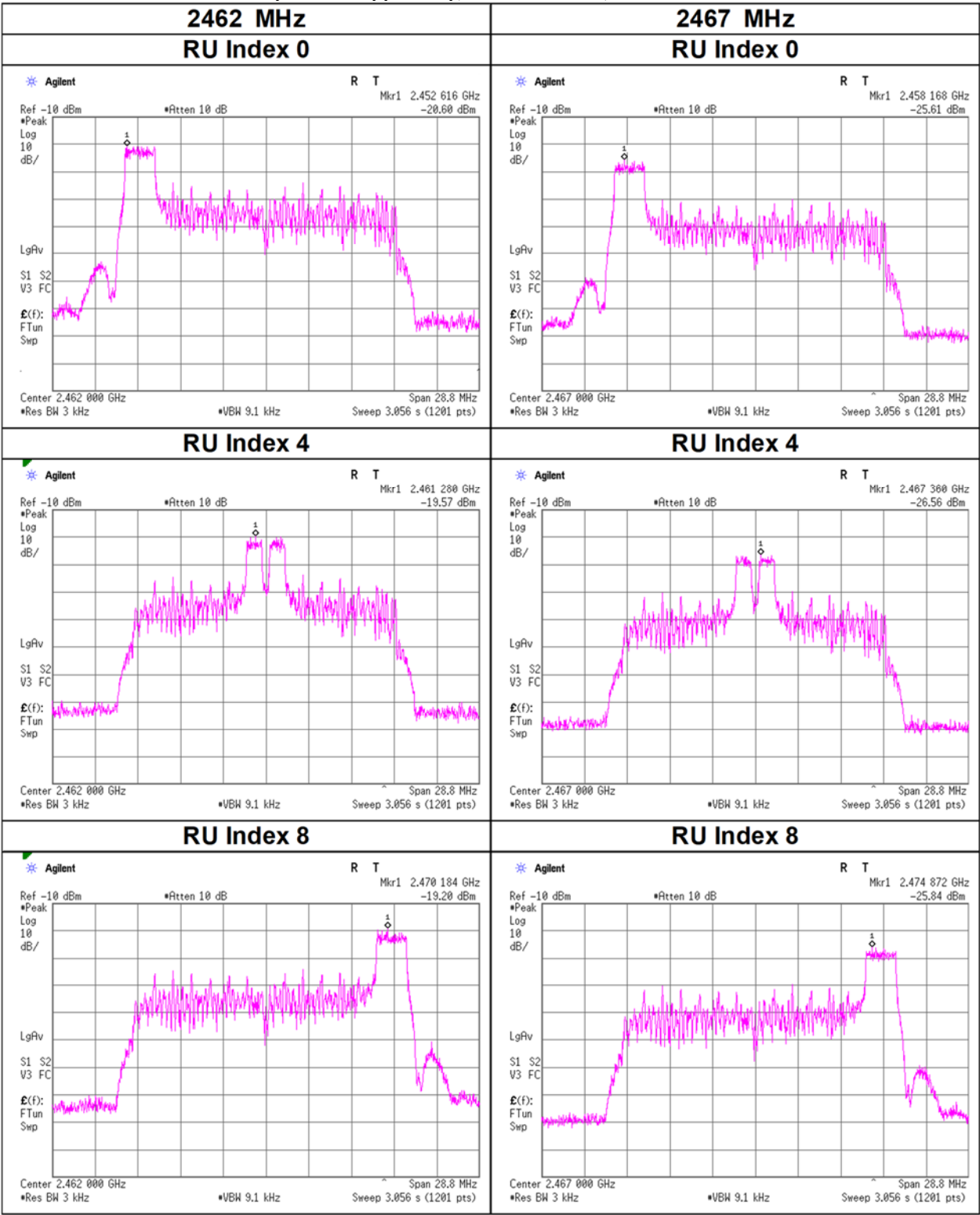


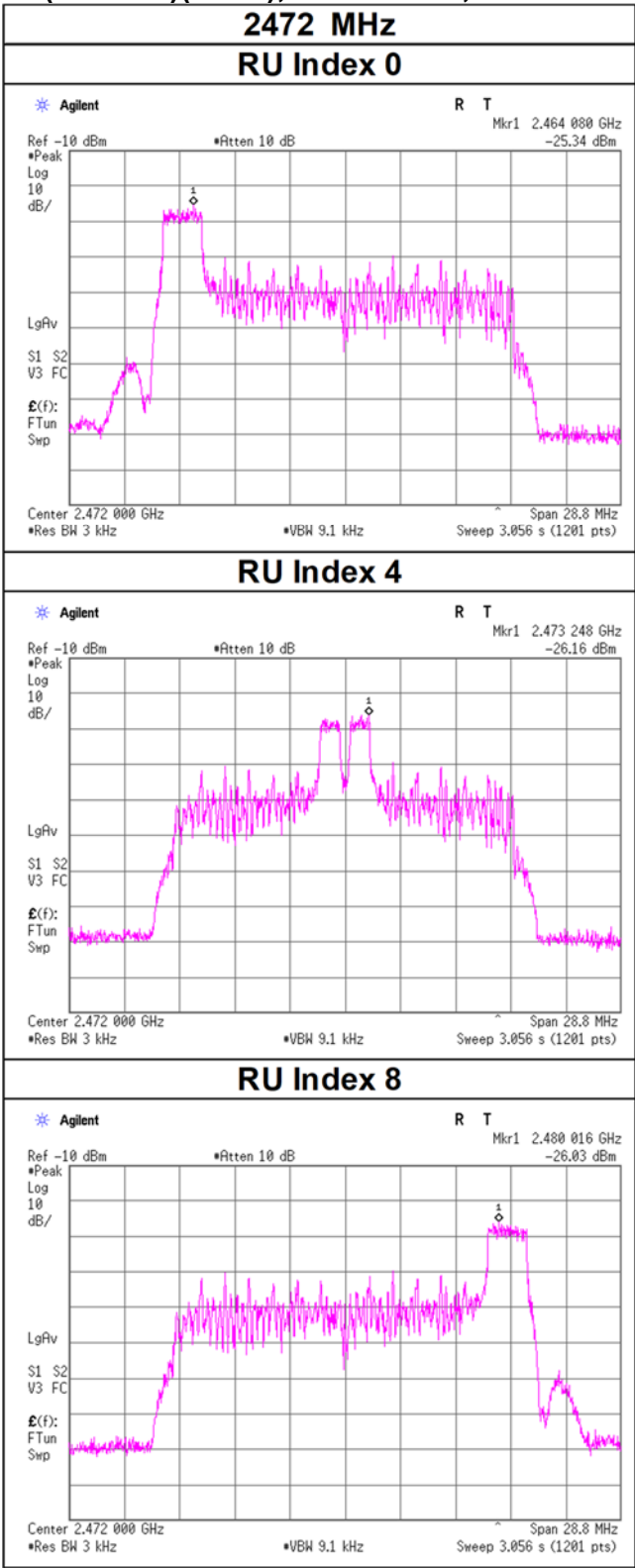
Power Density

11ax-20(OFDMA)(SISO), 26-tone RU, Antenna : Ant 0



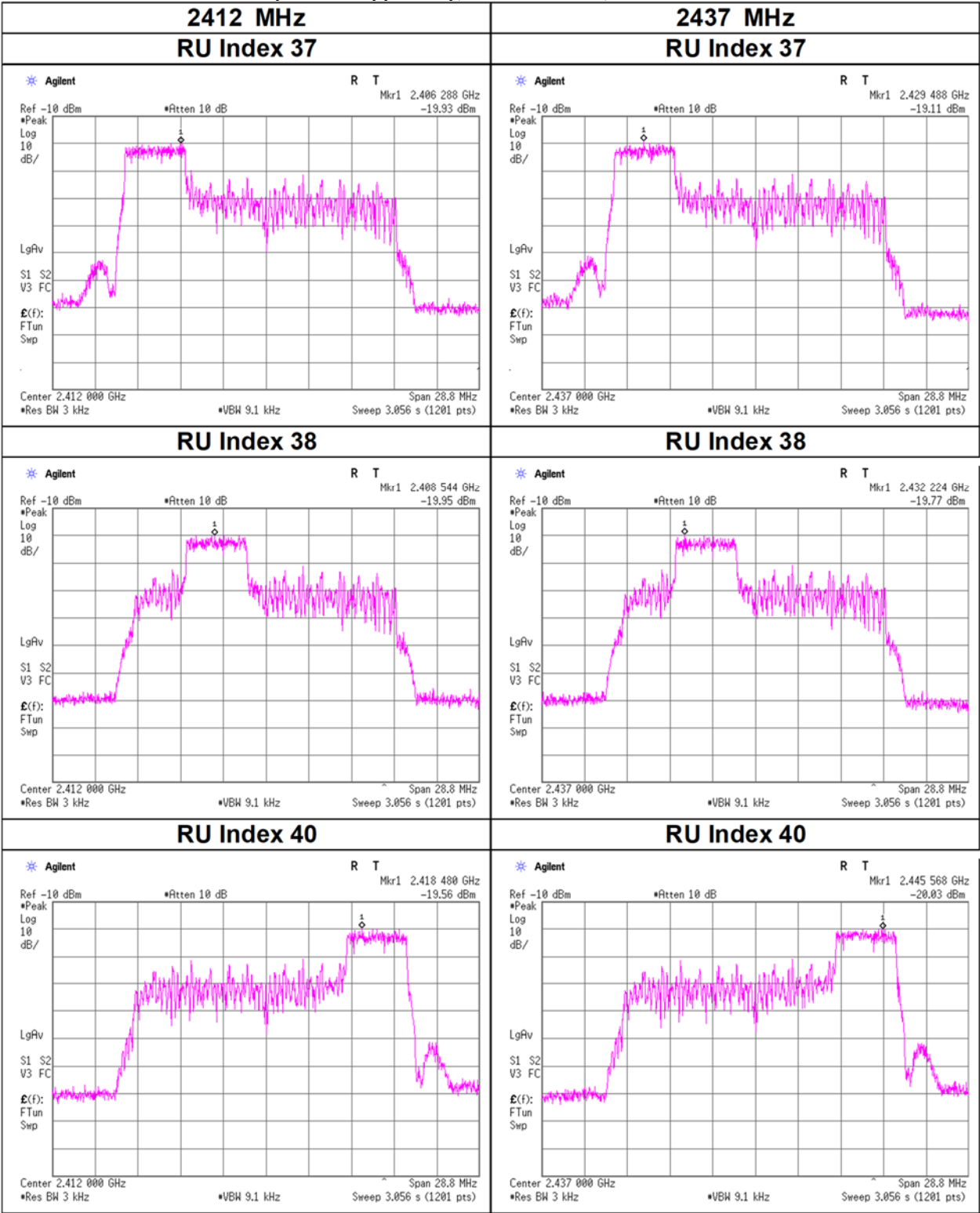
Power Density

11ax-20(OFDMA)(SISO), 26-tone RU, Antenna : Ant 0



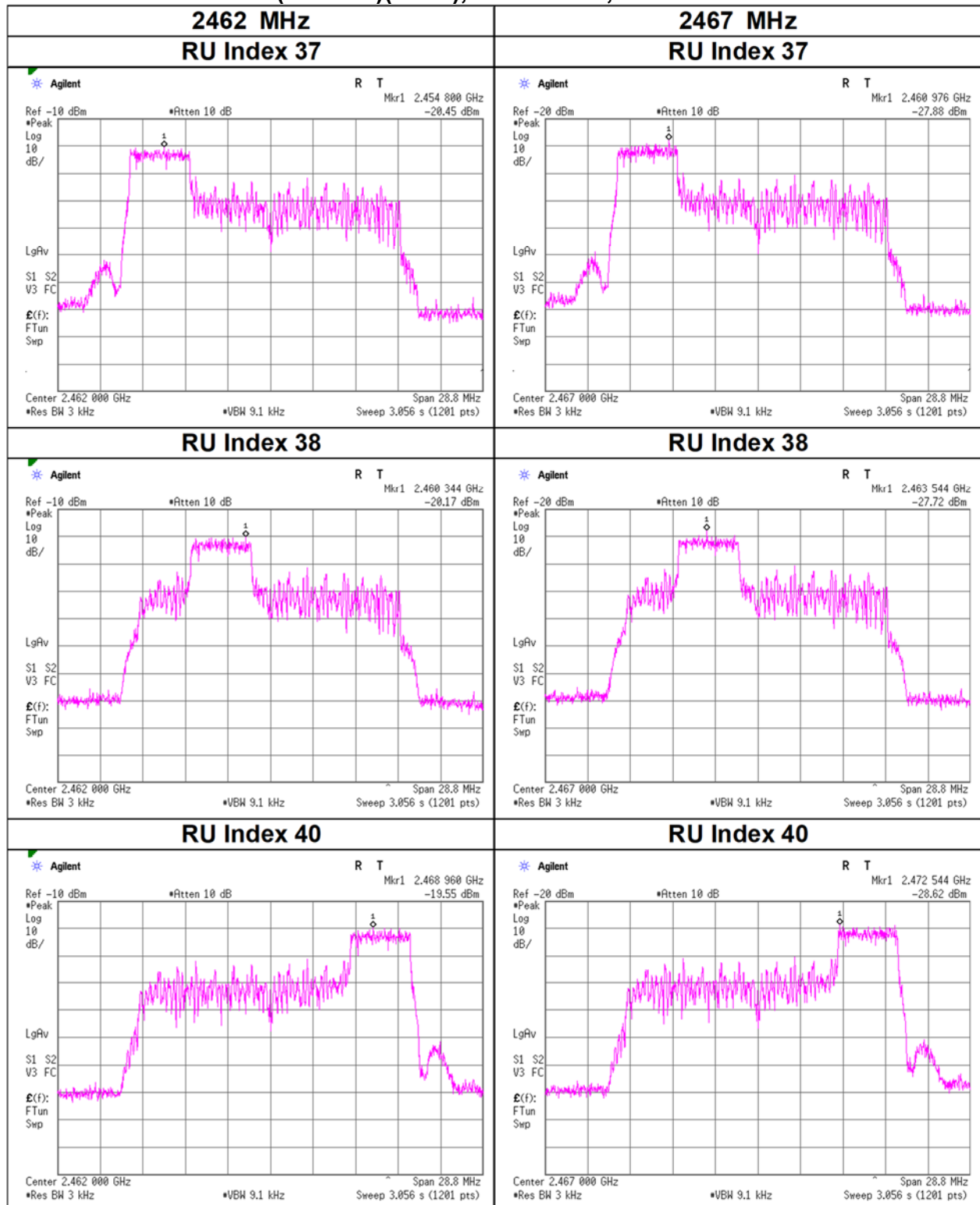
Power Density

11ax-20(OFDMA)(SISO), 52-tone RU, Antenna : Ant 0



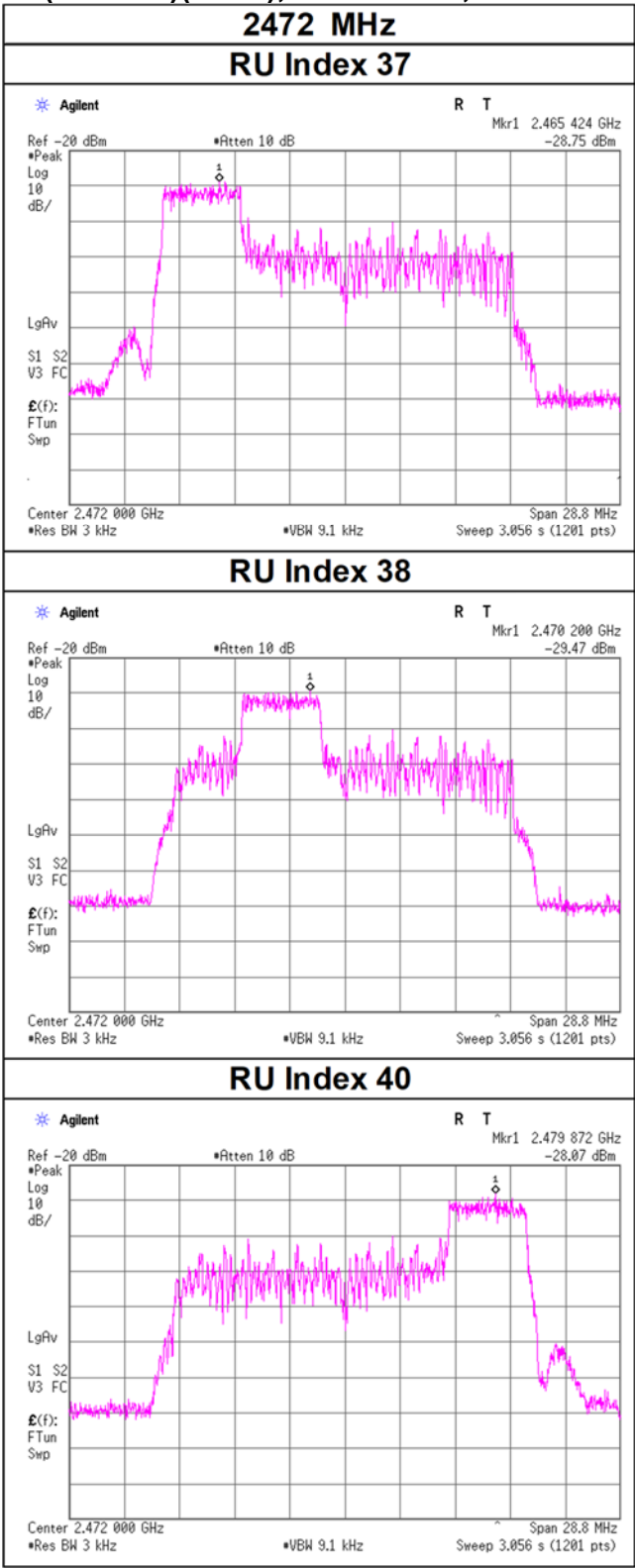
Power Density

11ax-20(OFDMA)(SISO), 52-tone RU, Antenna : Ant 0



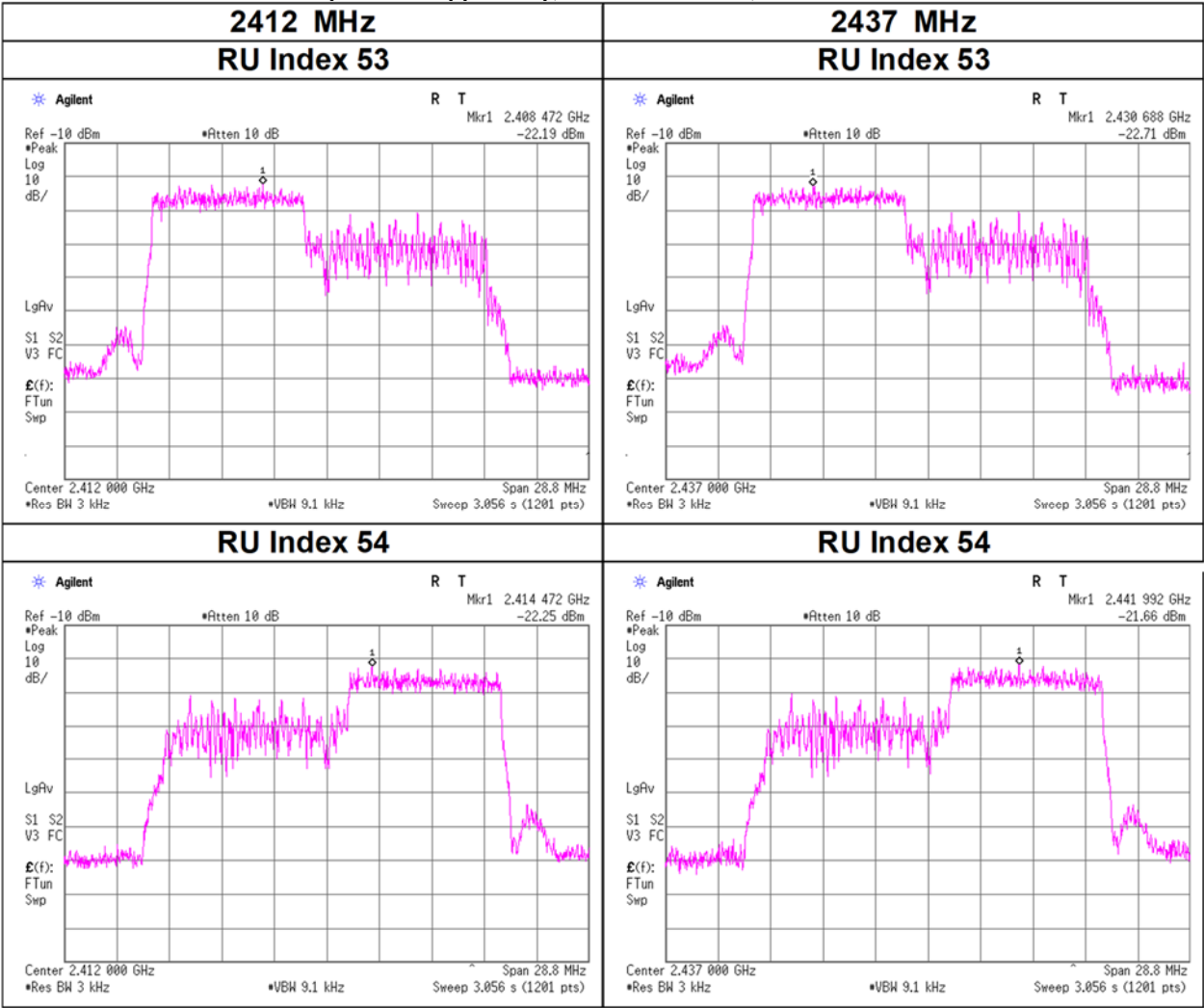
Power Density

11ax-20(OFDMA)(SISO), 52-tone RU, Antenna : Ant 0



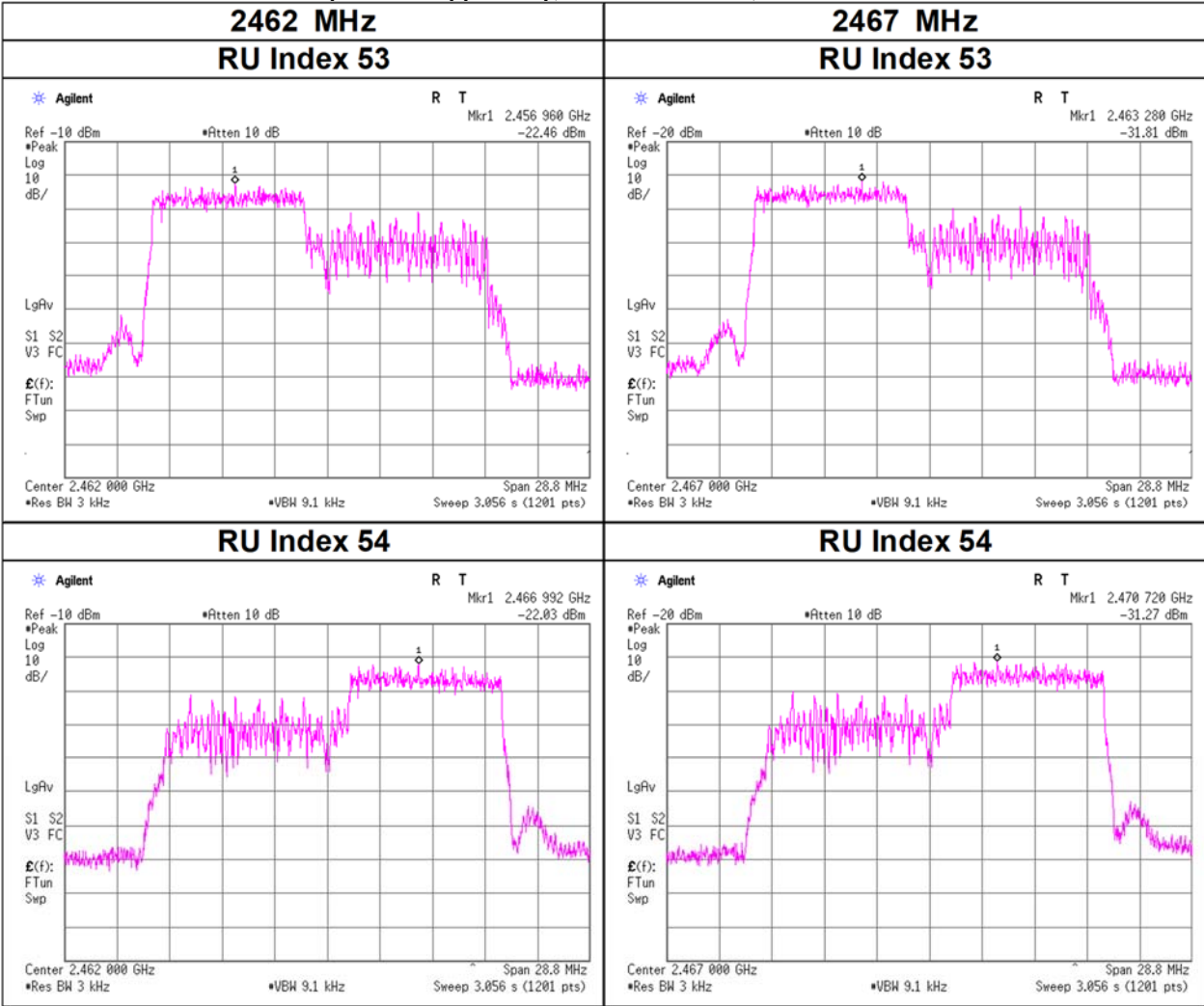
Power Density

11ax-20(OFDMA)(SISO), 106-tone RU, Antenna : Ant 0



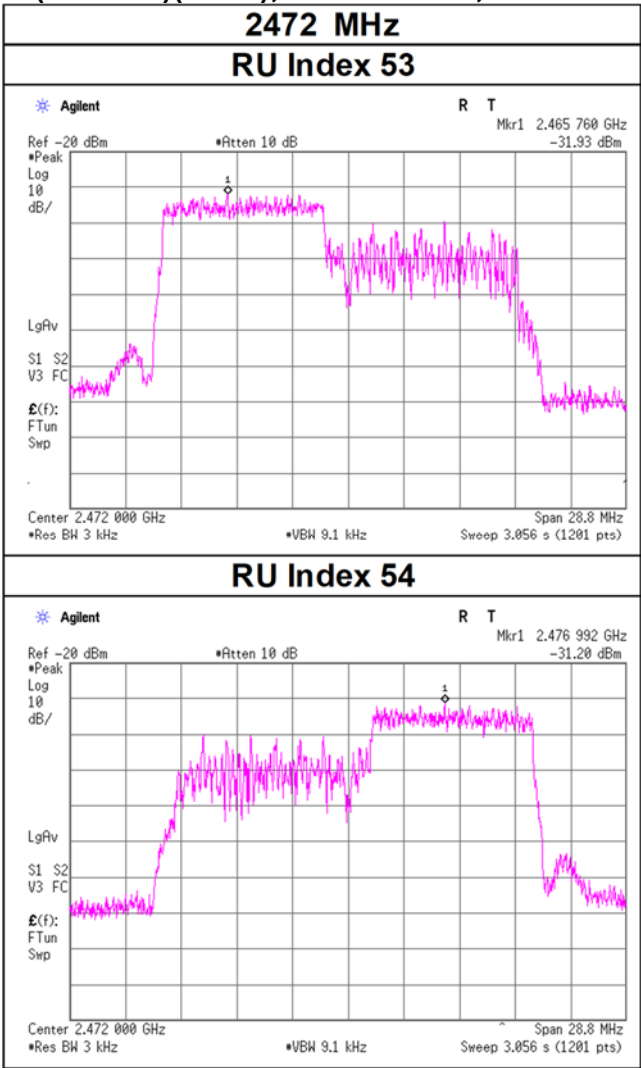
Power Density

11ax-20(OFDMA)(SISO), 106-tone RU, Antenna : Ant 0



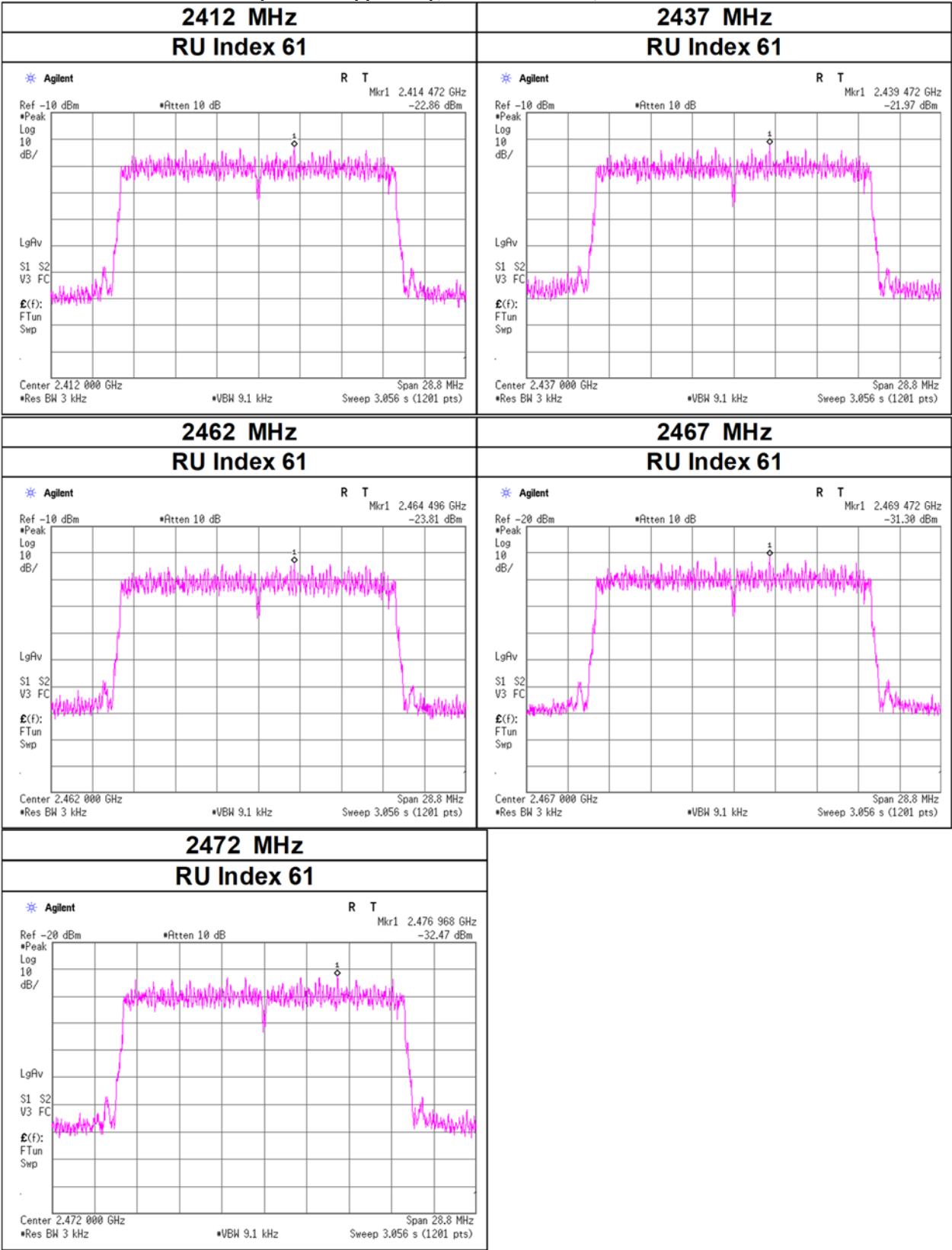
Power Density

11ax-20(OFDMA)(SISO), 106-tone RU, Antenna : Ant 0



Power Density

11ax-20(OFDMA)(SISO), 242-tone RU, Antenna : Ant 0



Power Density

Test place	Shonan EMC Lab. No.1 Measurement Room	
Date	September 27, 2023	September 28, 2023
Temperature / Humidity	24 deg. C / 50 % RH	25 deg. C / 48 % RH
Engineer	Yusuke Tanikawara	Kazuya Noda
Mode	Tx	

11n-20(SDM)

Ant 0 + Ant 2

Tested Frequency	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
[MHz]	[mW / 3 kHz]	[mW / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	[dB]
2412	0.009	0.011	0.020	-16.96	8.00	24.96
2437	0.010	0.012	0.022	-16.57	8.00	24.57
2462	0.009	0.014	0.023	-16.39	8.00	24.39
2467	0.007	0.008	0.015	-18.14	8.00	26.14
2472	0.006	0.009	0.015	-18.23	8.00	26.23

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	-31.98	1.64	9.98	-20.36	0.009
2437	-31.72	1.65	9.98	-20.09	0.010
2462	-32.09	1.65	9.98	-20.46	0.009
2467	-33.09	1.65	9.98	-21.46	0.007
2472	-33.70	1.65	9.98	-22.07	0.006

Ant 2

Tested Frequency	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	-31.23	1.64	9.98	-19.61	0.011
2437	-30.75	1.65	9.98	-19.12	0.012
2462	-30.18	1.65	9.98	-18.55	0.014
2467	-32.49	1.65	9.98	-20.86	0.008
2472	-32.17	1.65	9.98	-20.54	0.009

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 48 % RH
Engineer Kazuya Noda
Mode Tx

11ax-20 (OFDM)(SDM)

Ant 0 + Ant 2

Tested Frequency	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
[MHz]	[mW / 3 kHz]	[mW / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	[dB]
2412	0.010	0.010	0.020	-17.01	8.00	25.01
2437	0.012	0.013	0.025	-16.10	8.00	24.10
2462	0.008	0.008	0.017	-17.81	8.00	25.81
2467	0.006	0.006	0.012	-19.22	8.00	27.22
2472	0.007	0.006	0.012	-19.05	8.00	27.05

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	-31.58	1.63	9.98	-19.97	0.010
2437	-30.81	1.63	9.98	-19.20	0.012
2462	-32.37	1.64	9.98	-20.75	0.008
2467	-34.06	1.64	9.98	-22.44	0.006
2472	-33.34	1.64	9.98	-21.72	0.007

Ant 2

Tested Frequency	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	-31.68	1.63	9.98	-20.07	0.010
2437	-30.63	1.63	9.98	-19.02	0.013
2462	-32.52	1.64	9.98	-20.90	0.008
2467	-33.65	1.64	9.98	-22.03	0.006
2472	-34.05	1.64	9.98	-22.43	0.006

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.1 Measurement Room
April 26, 2024
24 deg. C / 48 % RH
Kazuya Noda
Tx

11ax-20(OFDMA)(SDM) RU Type: 26-tone RU

Ant 0 + Ant 2

Tested Frequency	RU Index	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
[MHz]		[mW / 3 kHz]	[mW / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	[dB]
2412	0	0.063	0.071	0.134	-8.72	8.00	16.72
	4	0.050	0.083	0.133	-8.78	8.00	16.78
	8	0.076	0.060	0.136	-8.67	8.00	16.67
2437	0	0.063	0.053	0.116	-9.35	8.00	17.35
	4	0.073	0.062	0.135	-8.70	8.00	16.70
	8	0.094	0.053	0.147	-8.34	8.00	16.34
2462	0	0.052	0.057	0.108	-9.65	8.00	17.65
	4	0.064	0.062	0.126	-9.01	8.00	17.01
	8	0.051	0.060	0.111	-9.54	8.00	17.54
2467	0	0.044	0.036	0.080	-10.96	8.00	18.96
	4	0.041	0.041	0.082	-10.86	8.00	18.86
	8	0.054	0.032	0.087	-10.62	8.00	18.62
2472	0	0.036	0.036	0.073	-11.39	8.00	19.39
	4	0.048	0.042	0.090	-10.48	8.00	18.48
	8	0.035	0.041	0.077	-11.16	8.00	19.16

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	0	-23.61	1.63	9.98	-12.00	0.063
	4	-24.66	1.63	9.98	-13.05	0.050
	8	-22.79	1.63	9.98	-11.18	0.076
2437	0	-23.59	1.63	9.98	-11.98	0.063
	4	-22.98	1.63	9.98	-11.37	0.073
	8	-21.90	1.63	9.98	-10.29	0.094
2462	0	-24.48	1.64	9.98	-12.86	0.052
	4	-23.56	1.64	9.98	-11.94	0.064
	8	-24.54	1.64	9.98	-12.92	0.051
2467	0	-25.15	1.64	9.98	-13.53	0.044
	4	-25.53	1.64	9.98	-13.91	0.041
	8	-24.26	1.64	9.98	-12.64	0.054
2472	0	-26.02	1.64	9.98	-14.40	0.036
	4	-24.83	1.64	9.98	-13.21	0.048
	8	-26.15	1.64	9.98	-14.53	0.035

Ant 2

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	0	-23.09	1.63	9.98	-11.48	0.071
	4	-22.42	1.63	9.98	-10.81	0.083
	8	-23.85	1.63	9.98	-12.24	0.060
2437	0	-24.38	1.63	9.98	-12.77	0.053
	4	-23.69	1.63	9.98	-12.08	0.062
	8	-24.36	1.63	9.98	-12.75	0.053
2462	0	-24.09	1.64	9.98	-12.47	0.057
	4	-23.73	1.64	9.98	-12.11	0.062
	8	-23.84	1.64	9.98	-12.22	0.060
2467	0	-26.09	1.64	9.98	-14.47	0.036
	4	-25.45	1.64	9.98	-13.83	0.041
	8	-26.54	1.64	9.98	-14.92	0.032
2472	0	-26.03	1.64	9.98	-14.41	0.036
	4	-25.41	1.64	9.98	-13.79	0.042
	8	-25.46	1.64	9.98	-13.84	0.041

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.1 Measurement Room
April 26, 2024
24 deg. C / 48 % RH
Kazuya Noda
Tx

11ax-20(OFDMA)(SDM) RU Type: 52-tone RU

Ant 0 + Ant 2

Tested Frequency	RU Index	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
[MHz]		[mW / 3 kHz]	[mW / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	[dB]
2412	37	0.047	0.041	0.088	-10.58	8.00	18.58
	38	0.040	0.037	0.076	-11.17	8.00	19.17
	40	0.044	0.042	0.086	-10.67	8.00	18.67
2437	37	0.044	0.033	0.077	-11.15	8.00	19.15
	38	0.045	0.035	0.080	-10.98	8.00	18.98
	40	0.044	0.038	0.082	-10.87	8.00	18.87
2462	37	0.050	0.039	0.089	-10.51	8.00	18.51
	38	0.043	0.037	0.080	-10.98	8.00	18.98
	40	0.047	0.038	0.085	-10.72	8.00	18.72
2467	37	0.030	0.025	0.055	-12.57	8.00	20.57
	38	0.023	0.021	0.043	-13.64	8.00	21.64
	40	0.028	0.021	0.050	-13.03	8.00	21.03
2472	37	0.029	0.022	0.051	-12.88	8.00	20.88
	38	0.029	0.025	0.055	-12.62	8.00	20.62
	40	0.025	0.026	0.051	-12.91	8.00	20.91

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	37	-24.90	1.63	9.98	-13.29	0.047
	38	-25.61	1.63	9.98	-14.00	0.040
	40	-25.20	1.63	9.98	-13.59	0.044
2437	37	-25.19	1.63	9.98	-13.58	0.044
	38	-25.07	1.63	9.98	-13.46	0.045
	40	-25.22	1.63	9.98	-13.61	0.044
2462	37	-24.65	1.64	9.98	-13.03	0.050
	38	-25.29	1.64	9.98	-13.67	0.043
	40	-24.91	1.64	9.98	-13.29	0.047
2467	37	-26.84	1.64	9.98	-15.22	0.030
	38	-28.09	1.64	9.98	-16.47	0.023
	40	-27.11	1.64	9.98	-15.49	0.028
2472	37	-26.94	1.64	9.98	-15.32	0.029
	38	-26.97	1.64	9.98	-15.35	0.029
	40	-27.59	1.64	9.98	-15.97	0.025

Ant 2

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	37	-25.51	1.63	9.98	-13.90	0.041
	38	-25.97	1.63	9.98	-14.36	0.037
	40	-25.38	1.63	9.98	-13.77	0.042
2437	37	-26.45	1.63	9.98	-14.84	0.033
	38	-26.20	1.63	9.98	-14.59	0.035
	40	-25.79	1.63	9.98	-14.18	0.038
2462	37	-25.69	1.64	9.98	-14.07	0.039
	38	-25.96	1.64	9.98	-14.34	0.037
	40	-25.84	1.64	9.98	-14.22	0.038
2467	37	-27.59	1.64	9.98	-15.97	0.025
	38	-28.47	1.64	9.98	-16.85	0.021
	40	-28.30	1.64	9.98	-16.68	0.021
2472	37	-28.18	1.64	9.98	-16.56	0.022
	38	-27.56	1.64	9.98	-15.94	0.025
	40	-27.50	1.64	9.98	-15.88	0.026

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 48 % RH
Engineer Kazuya Noda
Mode Tx

11ax-20(OFDMA)(SDM) RU Type: 106-tone RU

Ant 0 + Ant 2

Tested Frequency	RU Index	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
				[mW / 3 kHz]	[dBm / 3 kHz]		
2412	53	0.019	0.018	0.037	-14.30	8.00	22.30
	54	0.028	0.020	0.049	-13.14	8.00	21.14
2437	53	0.019	0.019	0.038	-14.20	8.00	22.20
	54	0.023	0.022	0.045	-13.51	8.00	21.51
2462	53	0.019	0.018	0.037	-14.31	8.00	22.31
	54	0.025	0.024	0.049	-13.06	8.00	21.06
2467	53	0.012	0.010	0.022	-16.51	8.00	24.51
	54	0.013	0.011	0.024	-16.16	8.00	24.16
2472	53	0.012	0.011	0.023	-16.37	8.00	24.37
	54	0.012	0.013	0.025	-16.01	8.00	24.01

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
					[dBm / 3 kHz]	[mW / 3 kHz]
2412	53	-28.75	1.63	9.98	-17.14	0.019
	54	-27.09	1.63	9.98	-15.48	0.028
2437	53	-28.89	1.63	9.98	-17.28	0.019
	54	-28.00	1.63	9.98	-16.39	0.023
2462	53	-28.84	1.64	9.98	-17.22	0.019
	54	-27.57	1.64	9.98	-15.95	0.025
2467	53	-30.69	1.64	9.98	-19.07	0.012
	54	-30.41	1.64	9.98	-18.79	0.013
2472	53	-30.79	1.64	9.98	-19.17	0.012
	54	-30.71	1.64	9.98	-19.09	0.012

Ant 2

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
					[dBm / 3 kHz]	[mW / 3 kHz]
2412	53	-29.10	1.63	9.98	-17.49	0.018
	54	-28.55	1.63	9.98	-16.94	0.020
2437	53	-28.75	1.63	9.98	-17.14	0.019
	54	-28.27	1.63	9.98	-16.66	0.022
2462	53	-29.05	1.64	9.98	-17.43	0.018
	54	-27.82	1.64	9.98	-16.20	0.024
2467	53	-31.63	1.64	9.98	-20.01	0.010
	54	-31.20	1.64	9.98	-19.58	0.011
2472	53	-31.23	1.64	9.98	-19.61	0.011
	54	-30.58	1.64	9.98	-18.96	0.013

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date April 26, 2024
Temperature / Humidity 24 deg. C / 48 % RH
Engineer Kazuya Noda
Mode Tx

11ax-20(OFDMA)(SDM) RU Type: 242-tone RU

Ant 0 + Ant 2

Tested Frequency	RU Index	Ant 0 Result	Ant 2 Result	Result		Limit	Margin
[MHz]		[mW / 3 kHz]	[mW / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	[dB]
2412	61	0.011	0.010	0.020	-16.89	8.00	24.89
2437	61	0.014	0.013	0.027	-15.74	8.00	23.74
2462	61	0.010	0.011	0.021	-16.77	8.00	24.77
2467	61	0.009	0.009	0.018	-17.49	8.00	25.49
2472	61	0.006	0.007	0.013	-18.79	8.00	26.79

Sample Calculation:

Result = Ant 0 + Ant 2

Ant 0

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	61	-31.26	1.63	9.98	-19.65	0.011
2437	61	-30.11	1.63	9.98	-18.50	0.014
2462	61	-31.51	1.64	9.98	-19.89	0.010
2467	61	-32.02	1.64	9.98	-20.40	0.009
2472	61	-33.56	1.64	9.98	-21.94	0.006

Ant 2

Tested Frequency	RU Index	PSD Reading	Cable Loss	Atten. Loss	Result	
[MHz]		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]
2412	61	-31.76	1.63	9.98	-20.15	0.010
2437	61	-30.63	1.63	9.98	-19.02	0.013
2462	61	-31.29	1.64	9.98	-19.67	0.011
2467	61	-32.23	1.64	9.98	-20.61	0.009
2472	61	-33.28	1.64	9.98	-21.66	0.007

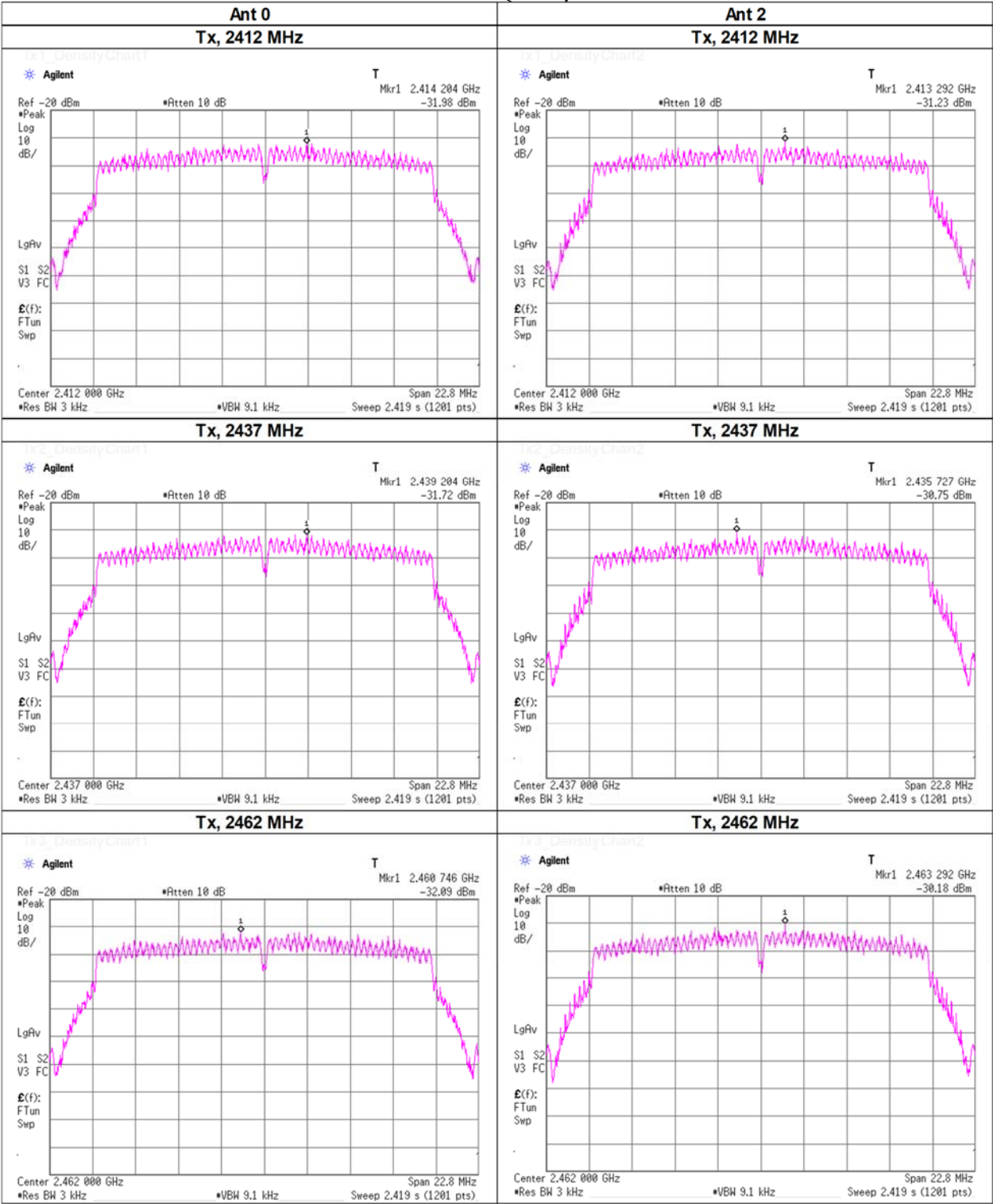
Sample Calculation:

PSD: Power Spectral Density

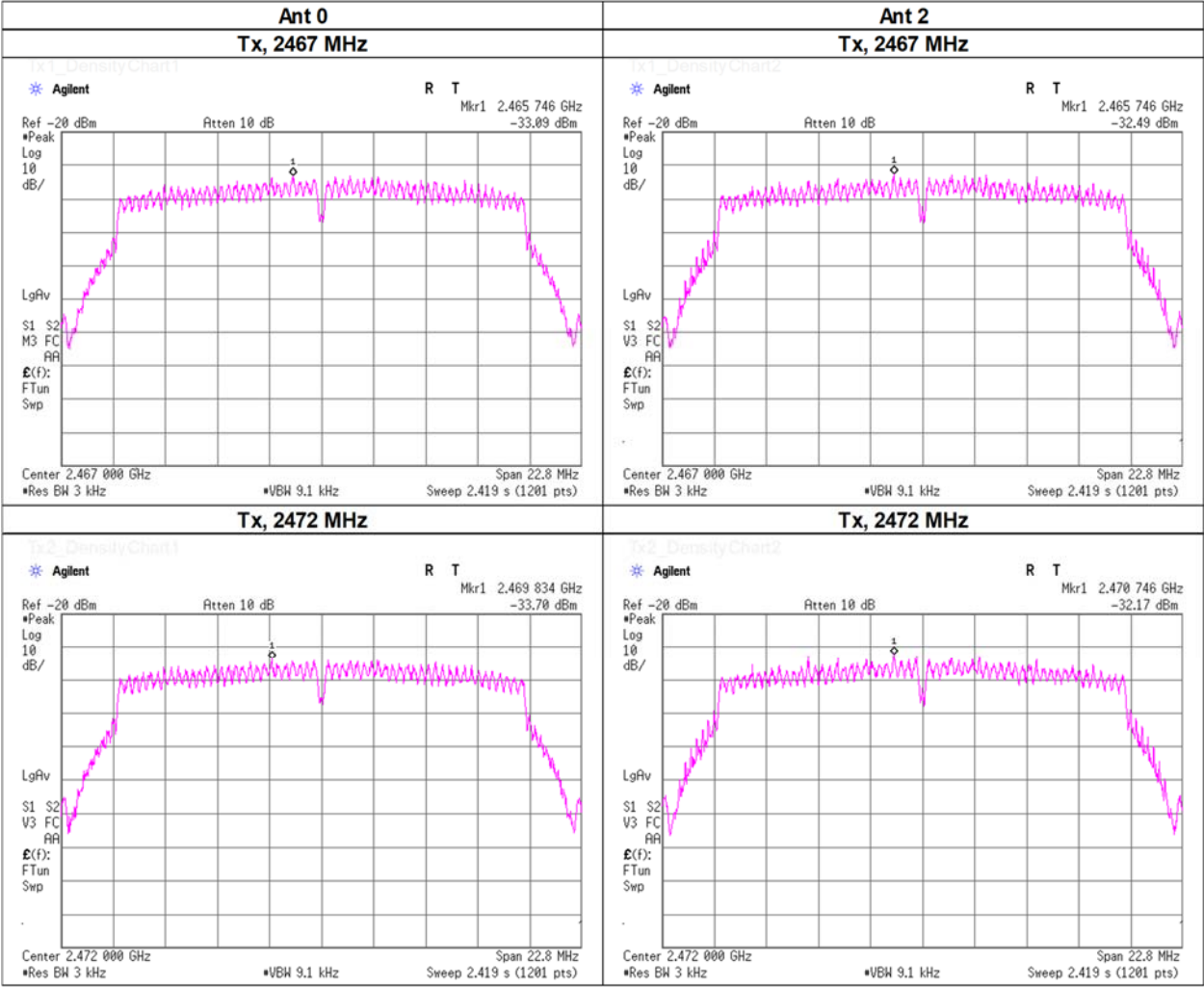
PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss

Power Density

11n-20 (SDM)

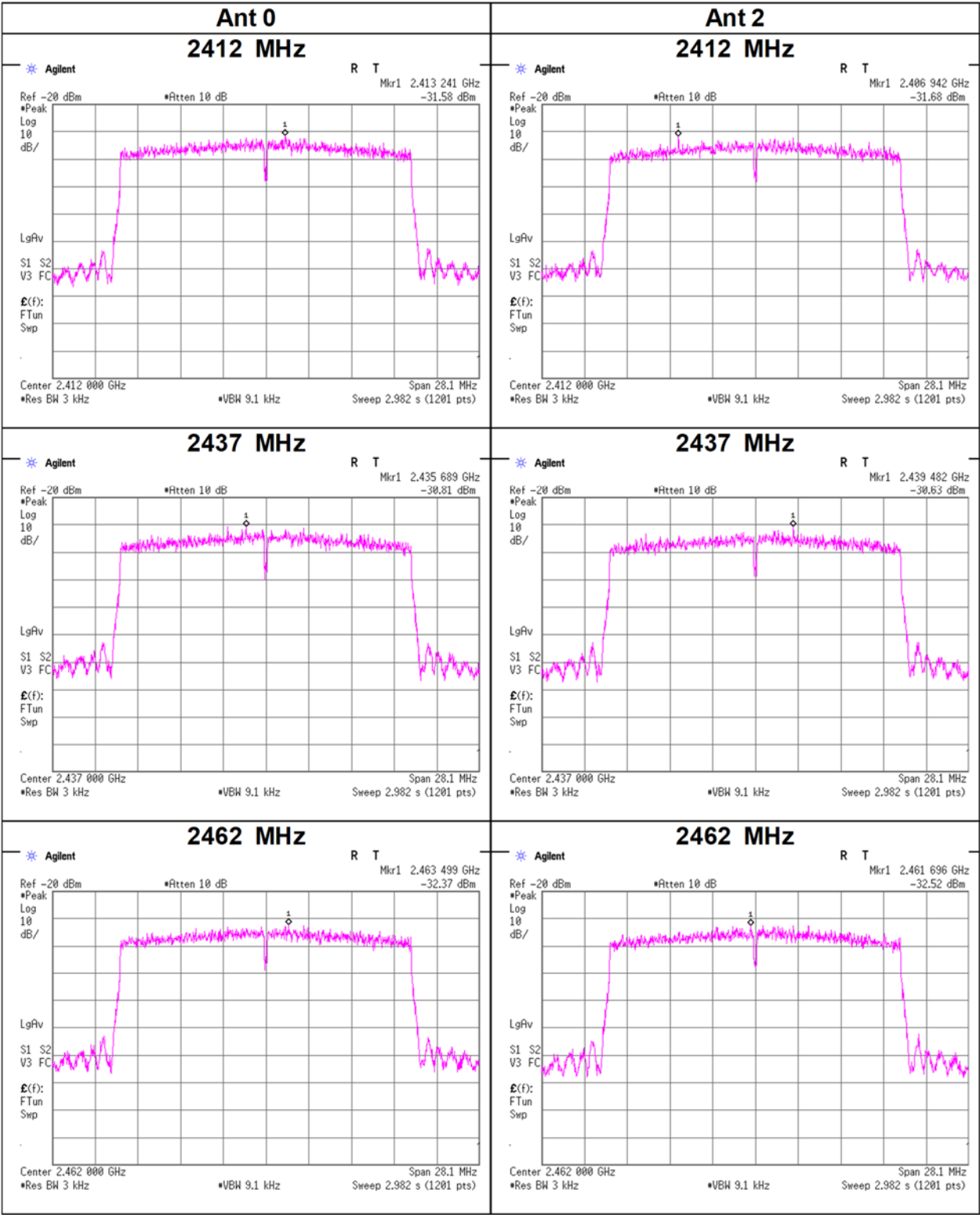


Power Density
11n-20 (SDM)



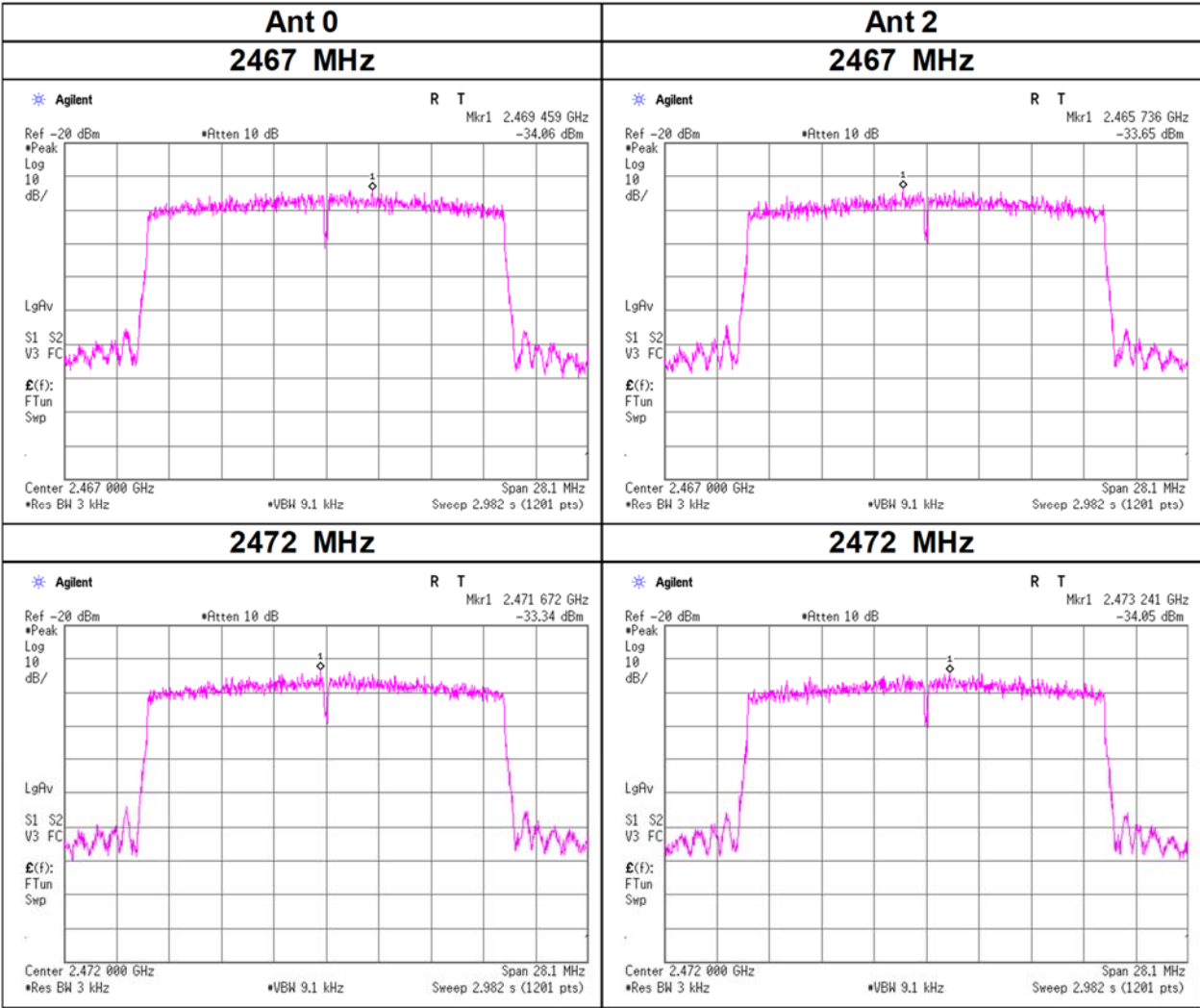
Power Density

11ax-20 (OFDM)(SDM)



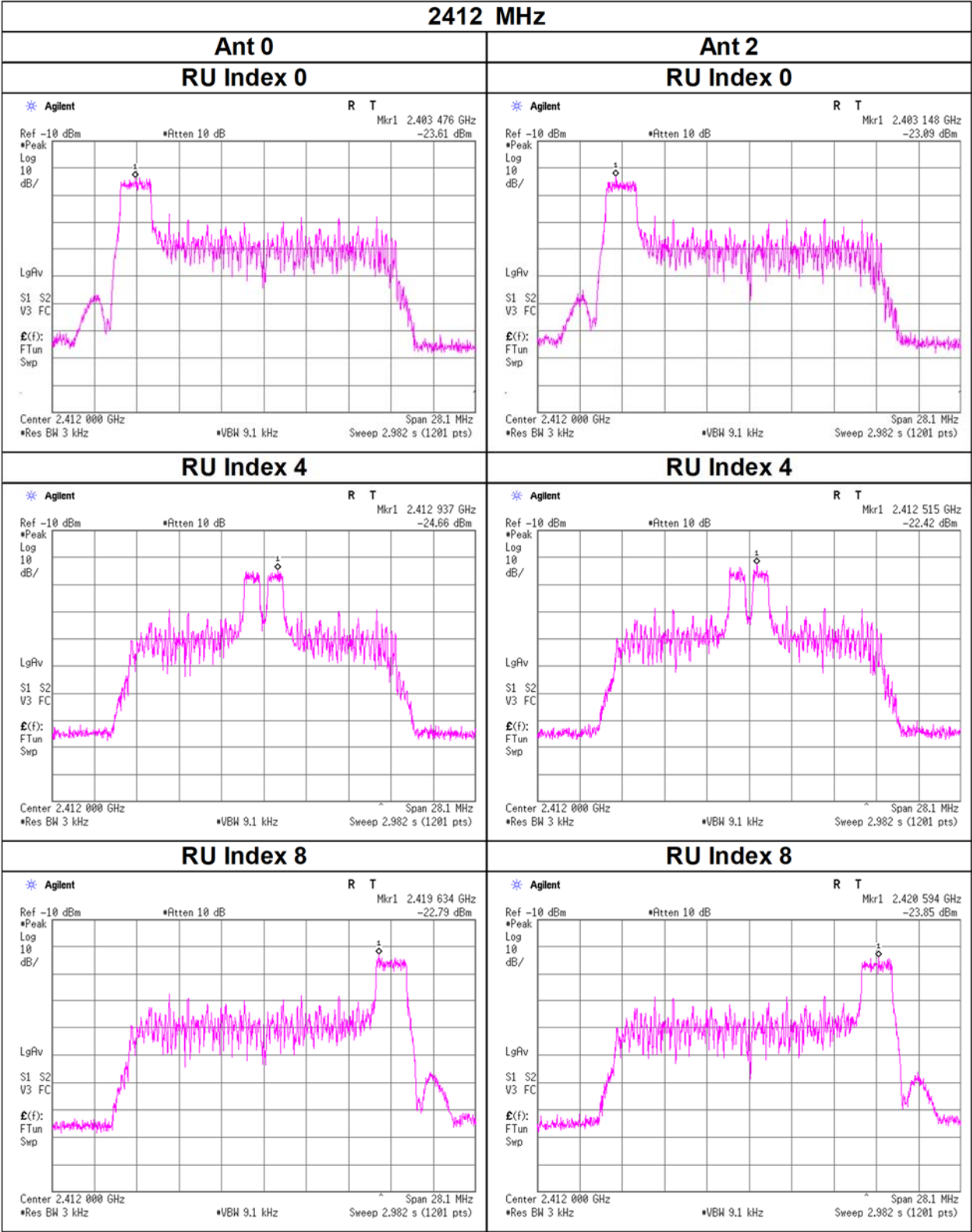
Power Density

11ax-20 (OFDM)(SDM)



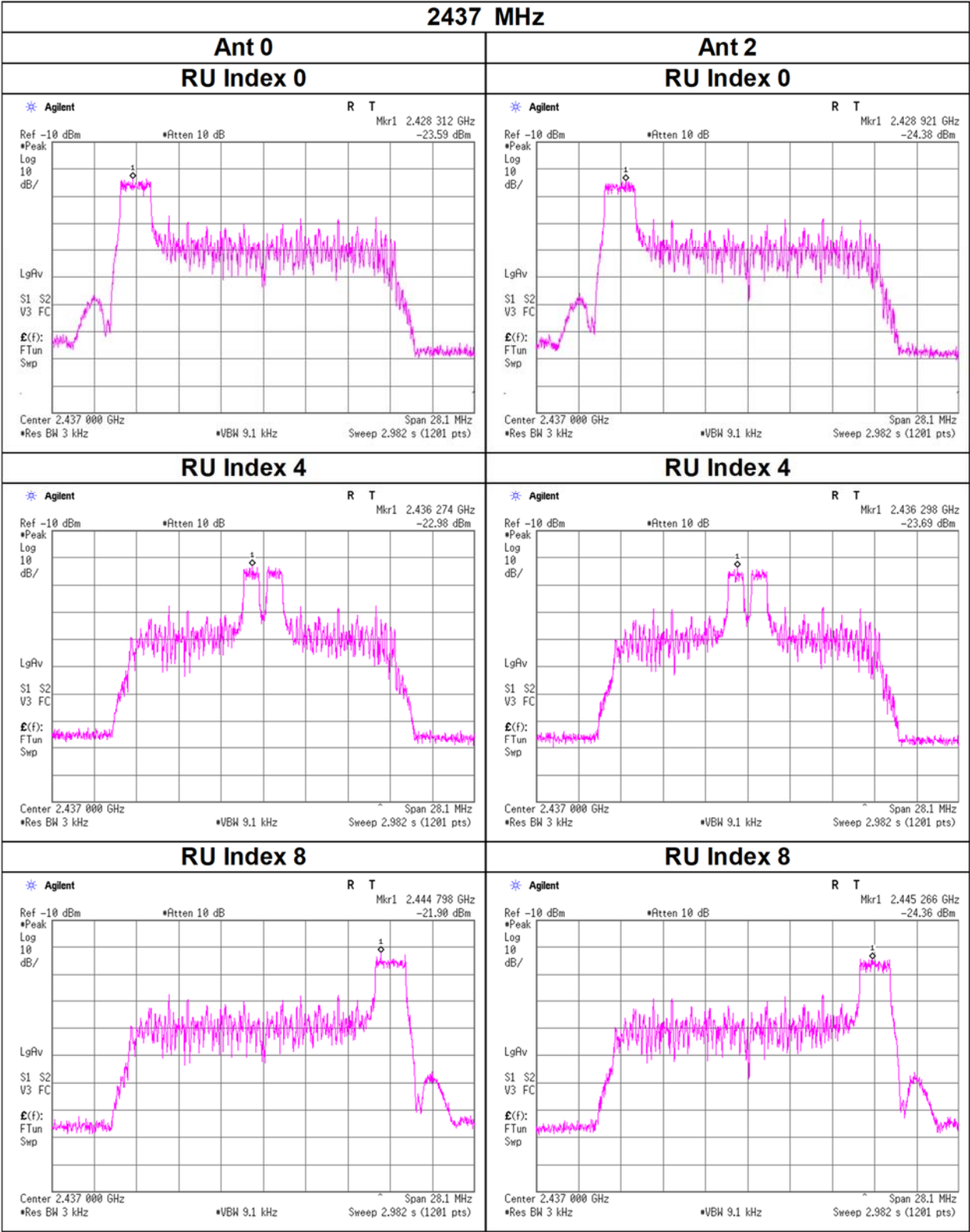
Power Density

11ax-20(OFDMA)(SDM), 26-tone RU
2412 MHz



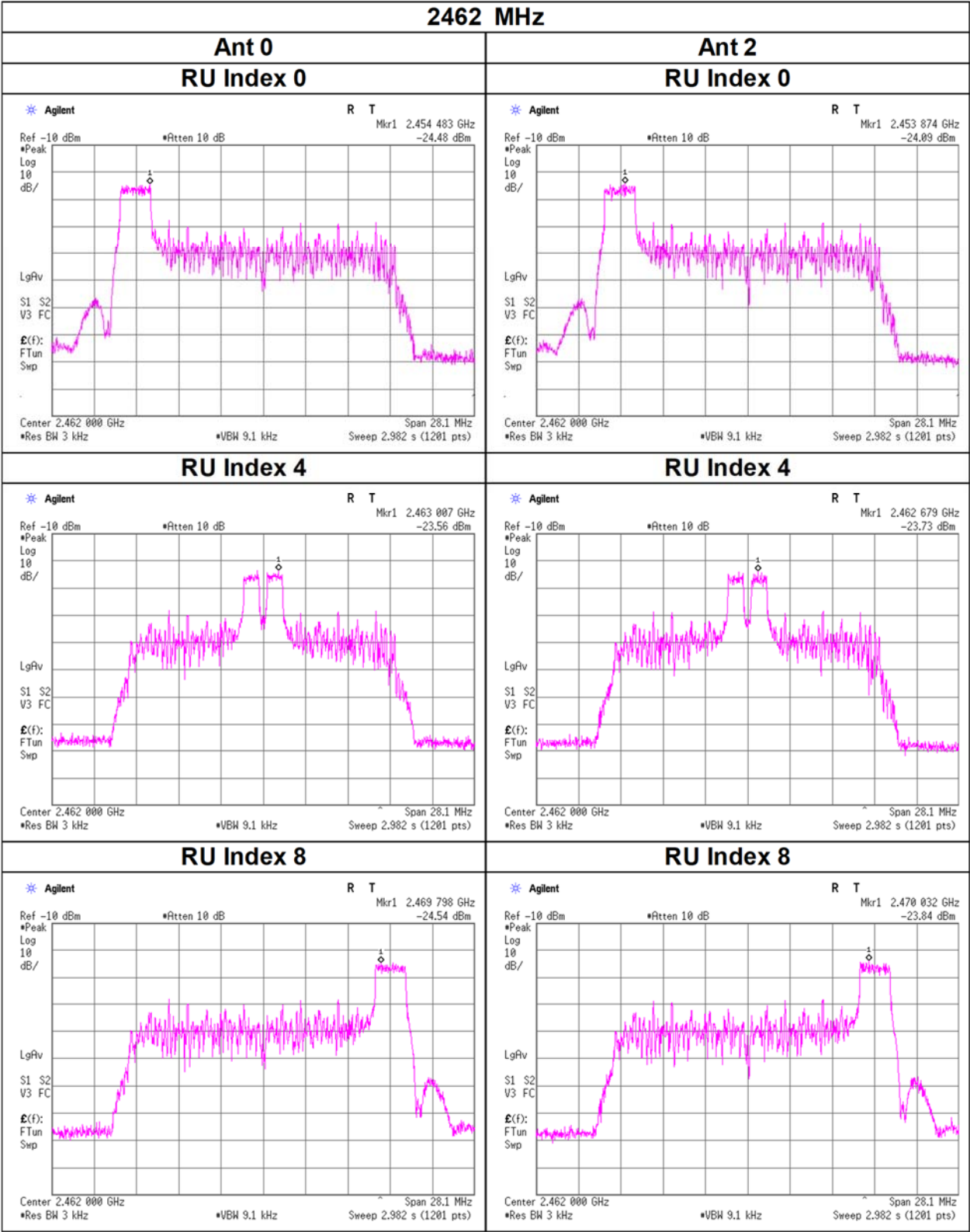
Power Density

11ax-20(OFDMA)(SDM), 26-tone RU
2437 MHz



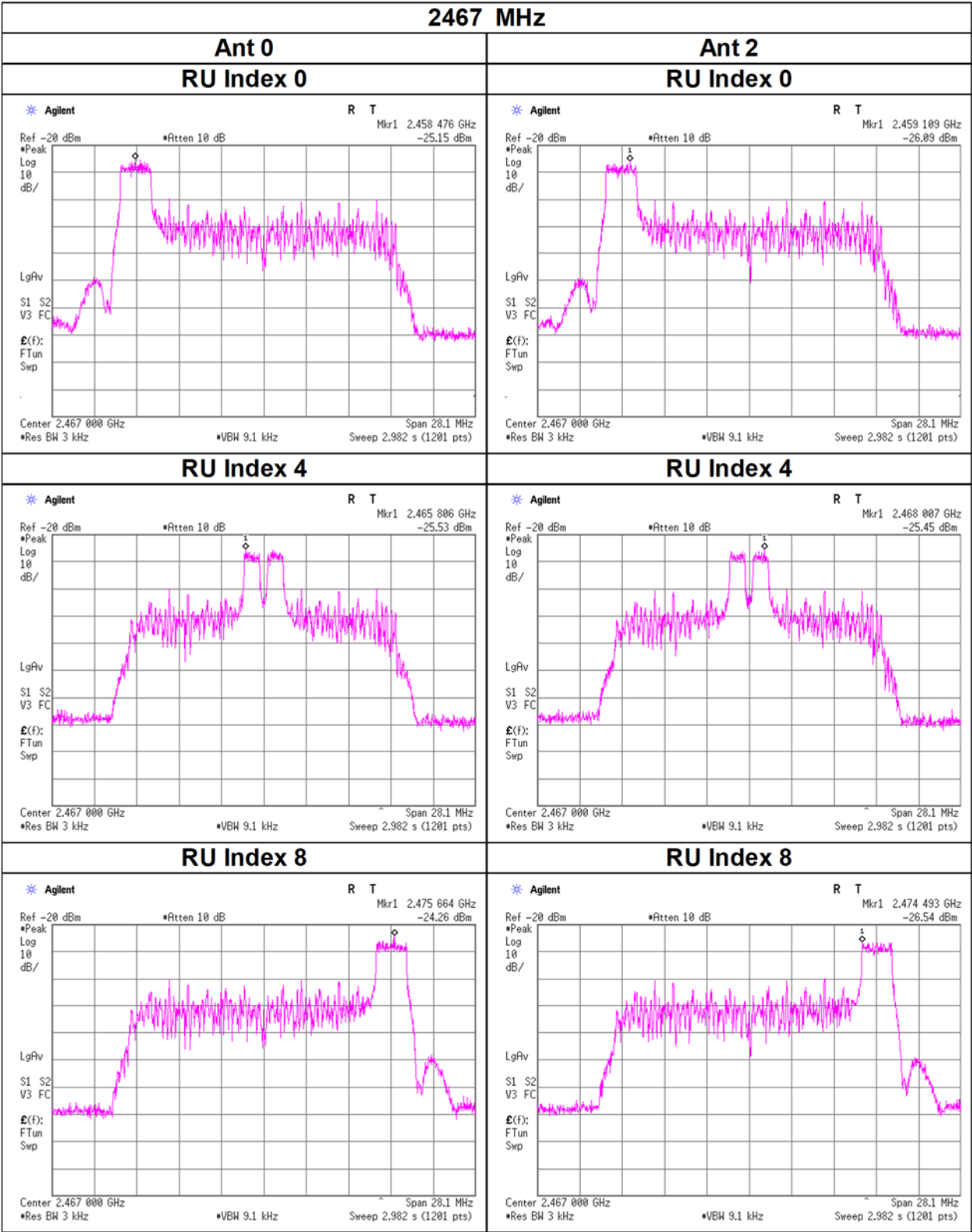
Power Density

11ax-20(OFDMA)(SDM), 26-tone RU
2462 MHz



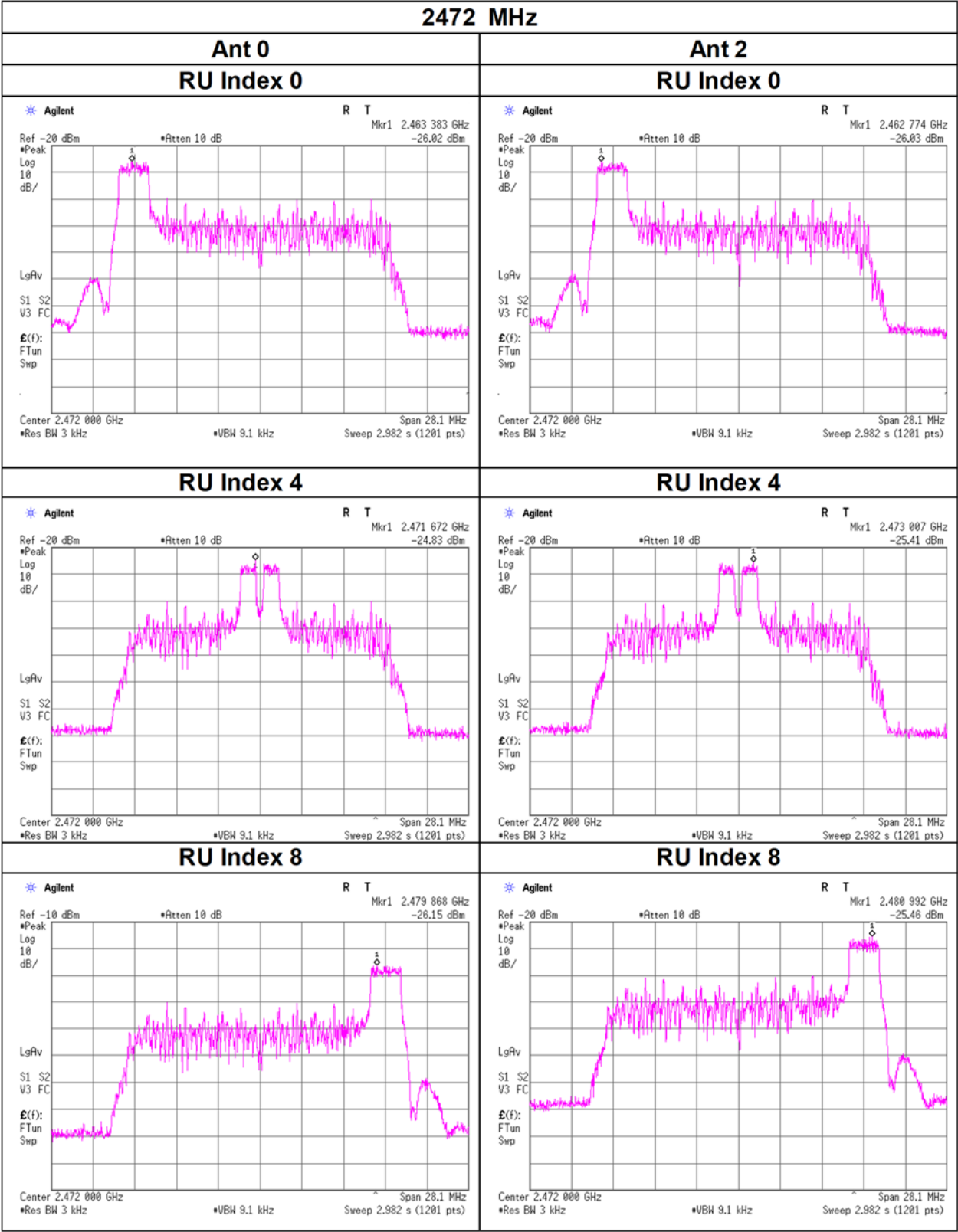
Power Density

11ax-20(OFDMA)(SDM), 26-tone RU
2467 MHz



Power Density

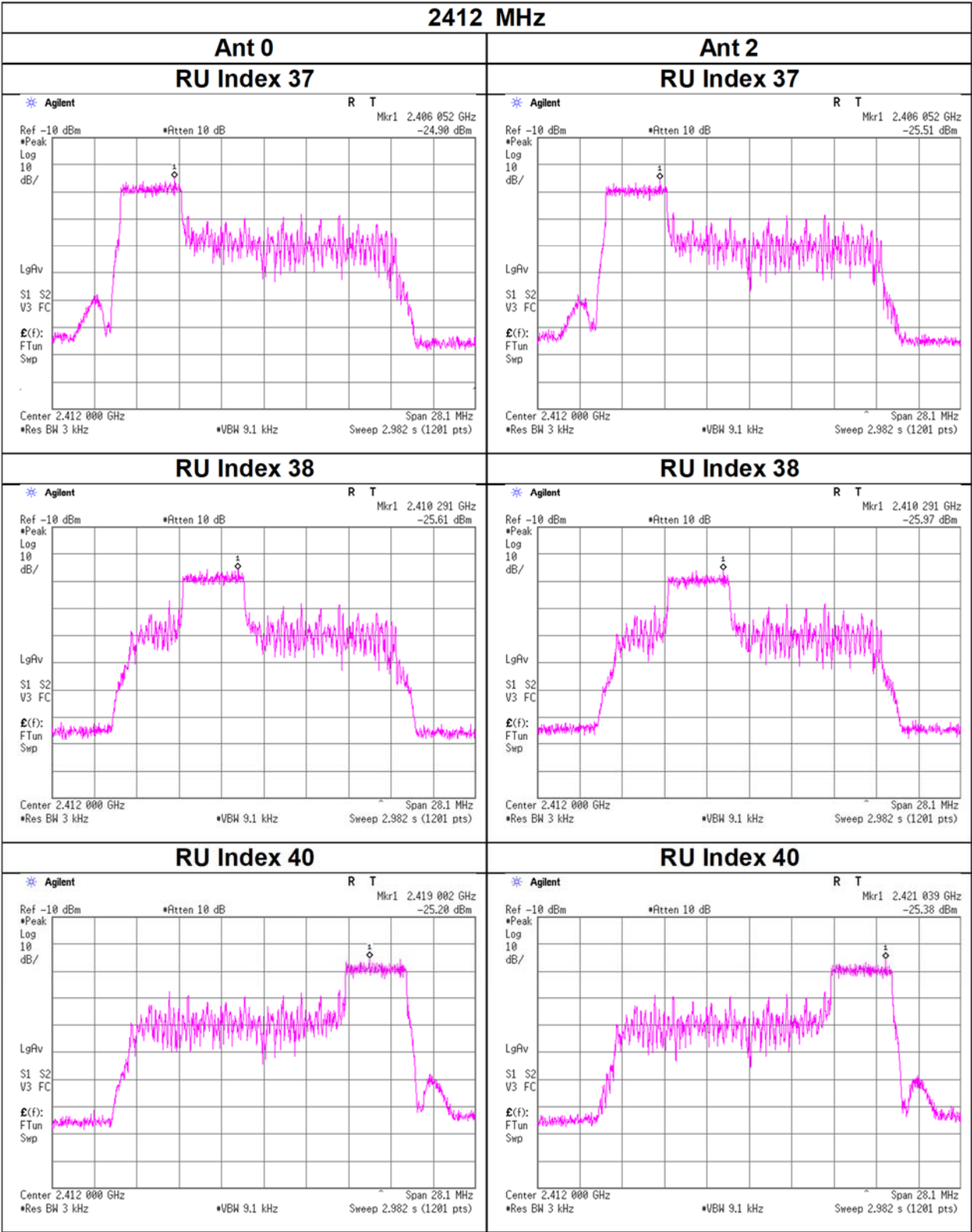
11ax-20(OFDMA)(SDM), 26-tone RU
2472 MHz



Power Density

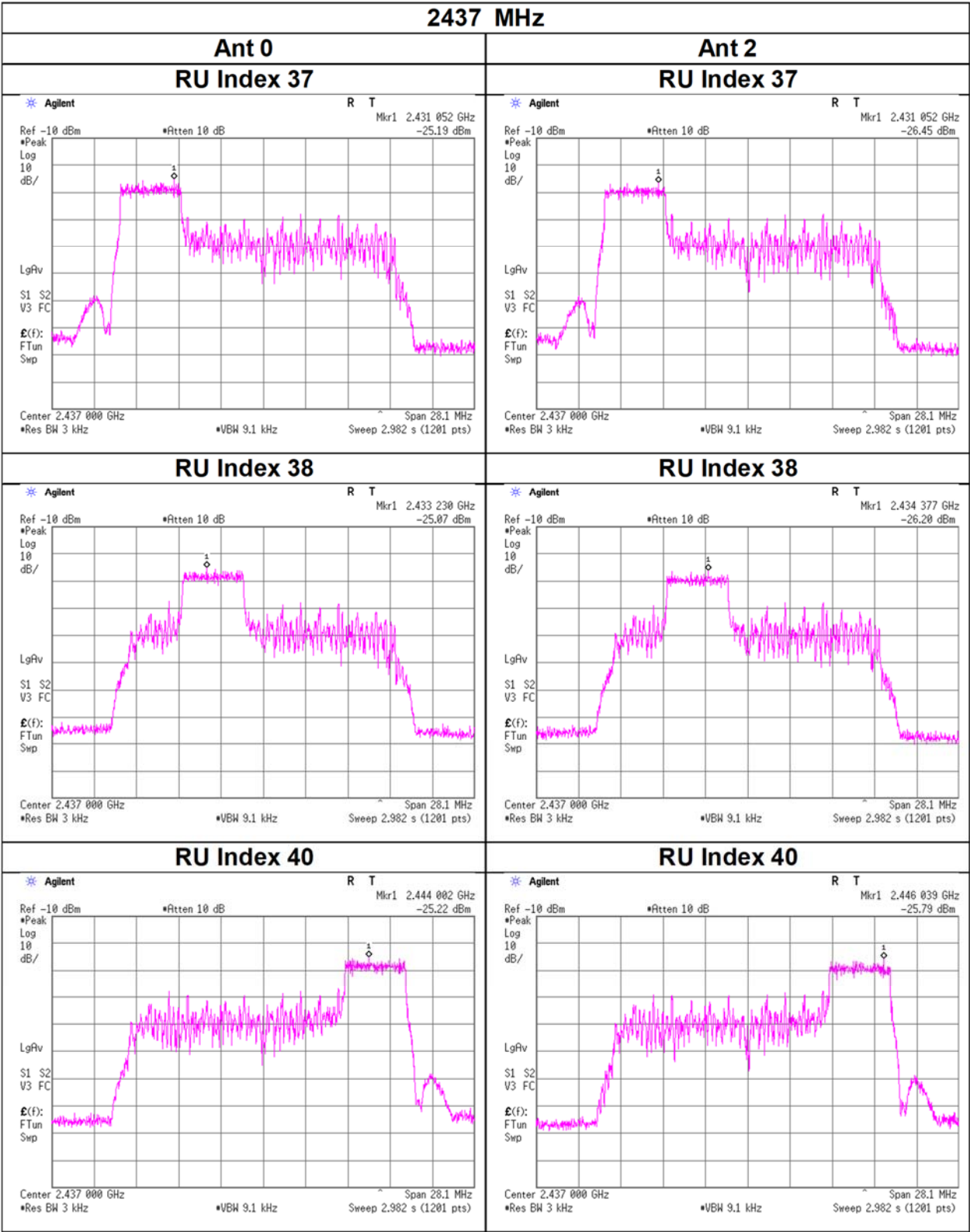
11ax-20(OFDMA)(SDM), 52-tone RU

2412 MHz



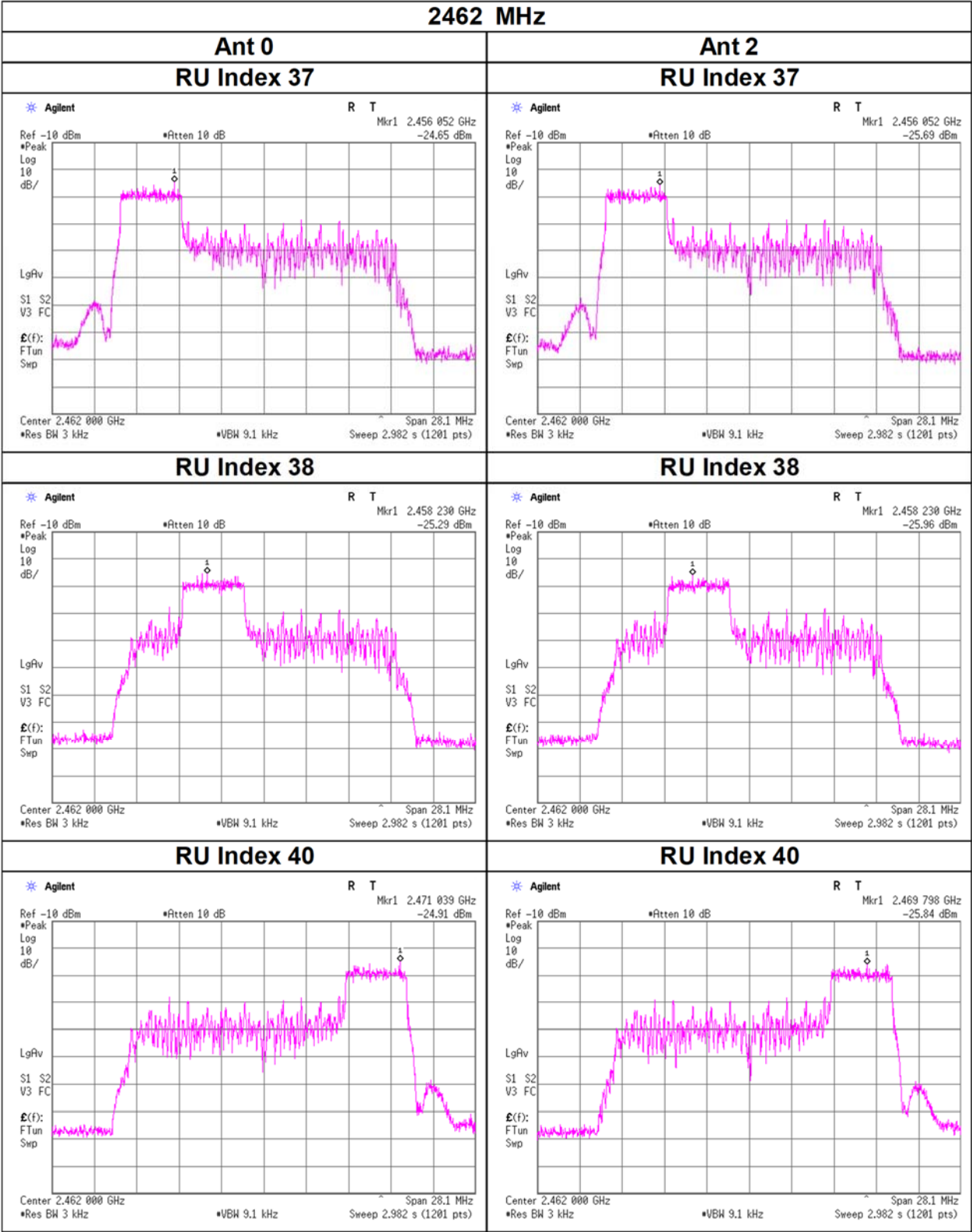
Power Density

11ax-20(OFDMA)(SDM), 52-tone RU
2437 MHz



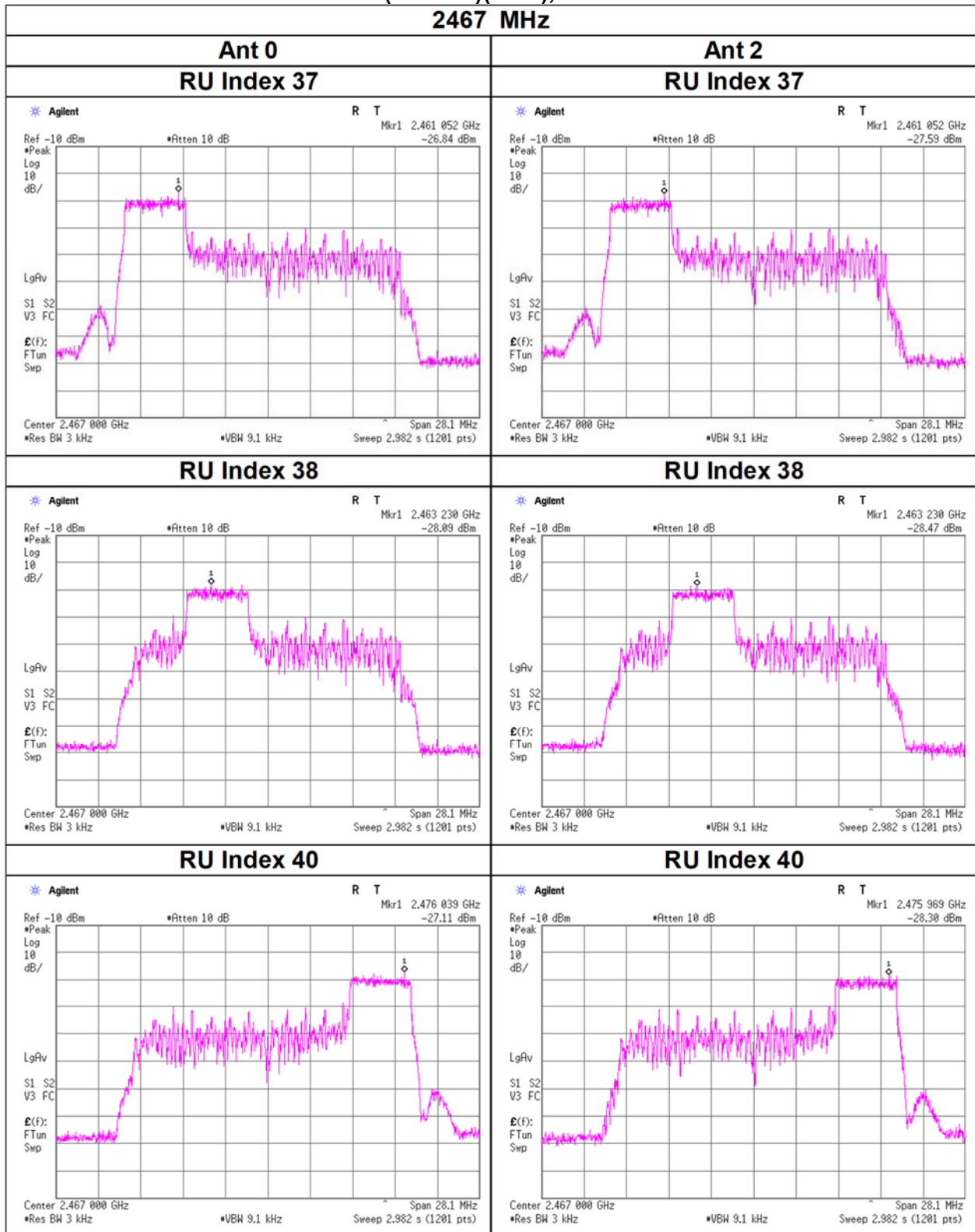
Power Density

11ax-20(OFDMA)(SDM), 52-tone RU
2462 MHz



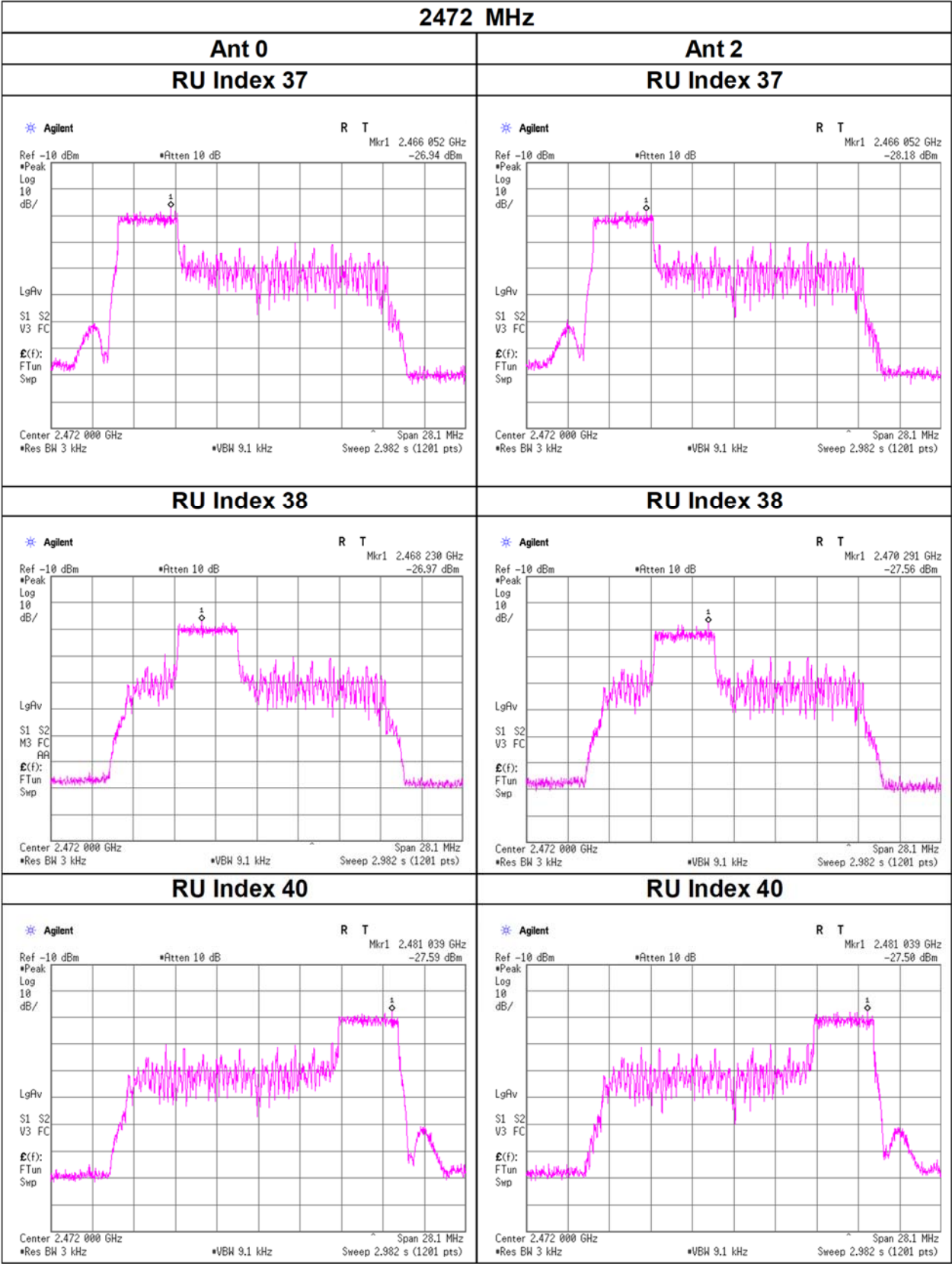
Power Density

11ax-20(OFDMA)(SDM), 52-tone RU 2467 MHz



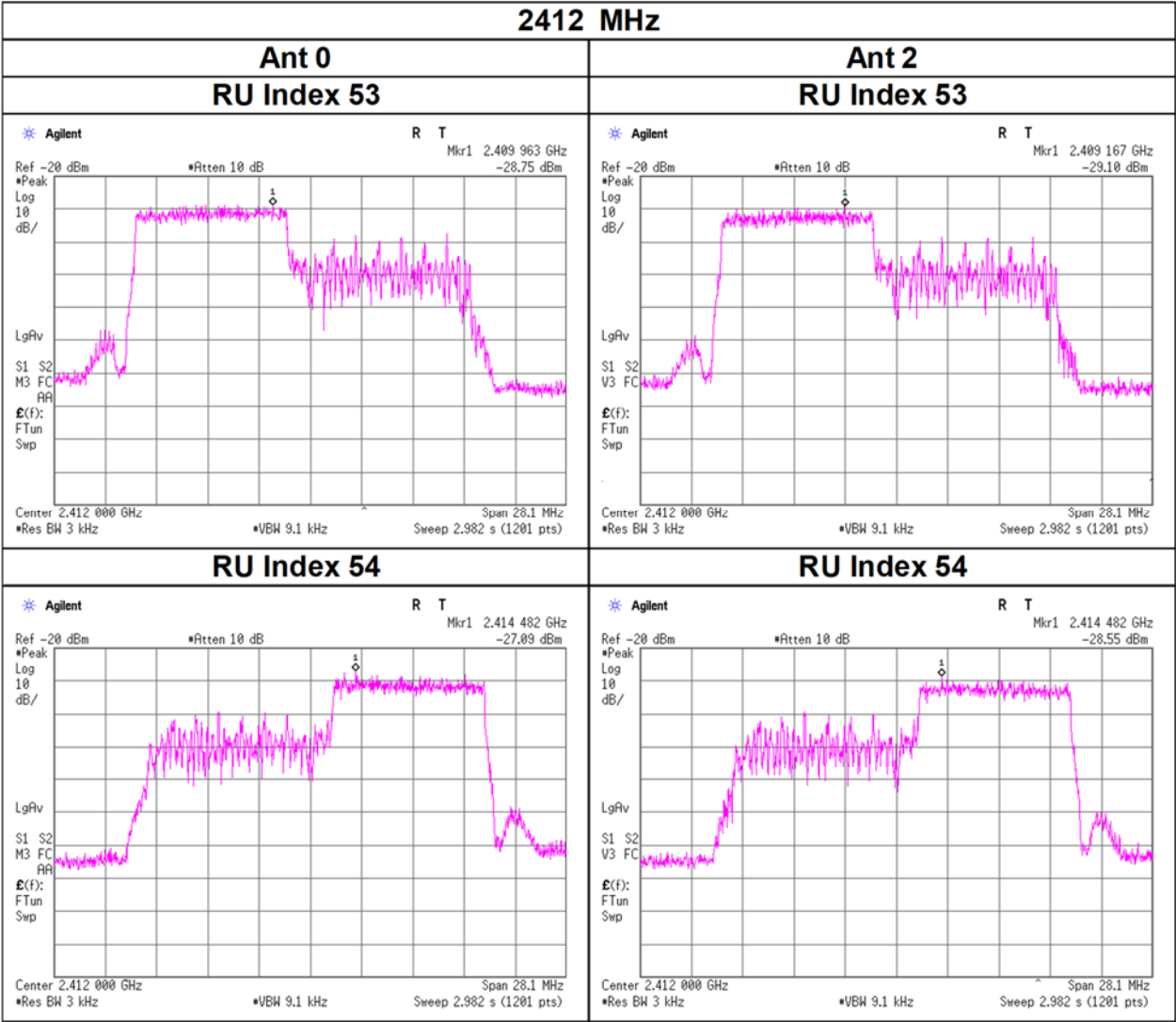
Power Density

11ax-20(OFDMA)(SDM), 52-tone RU
2472 MHz



Power Density

11ax-20(OFDMA)(SDM), 106-tone RU
2412 MHz



Power Density

11ax-20(OFDMA)(SDM), 106-tone RU
2437 MHz

