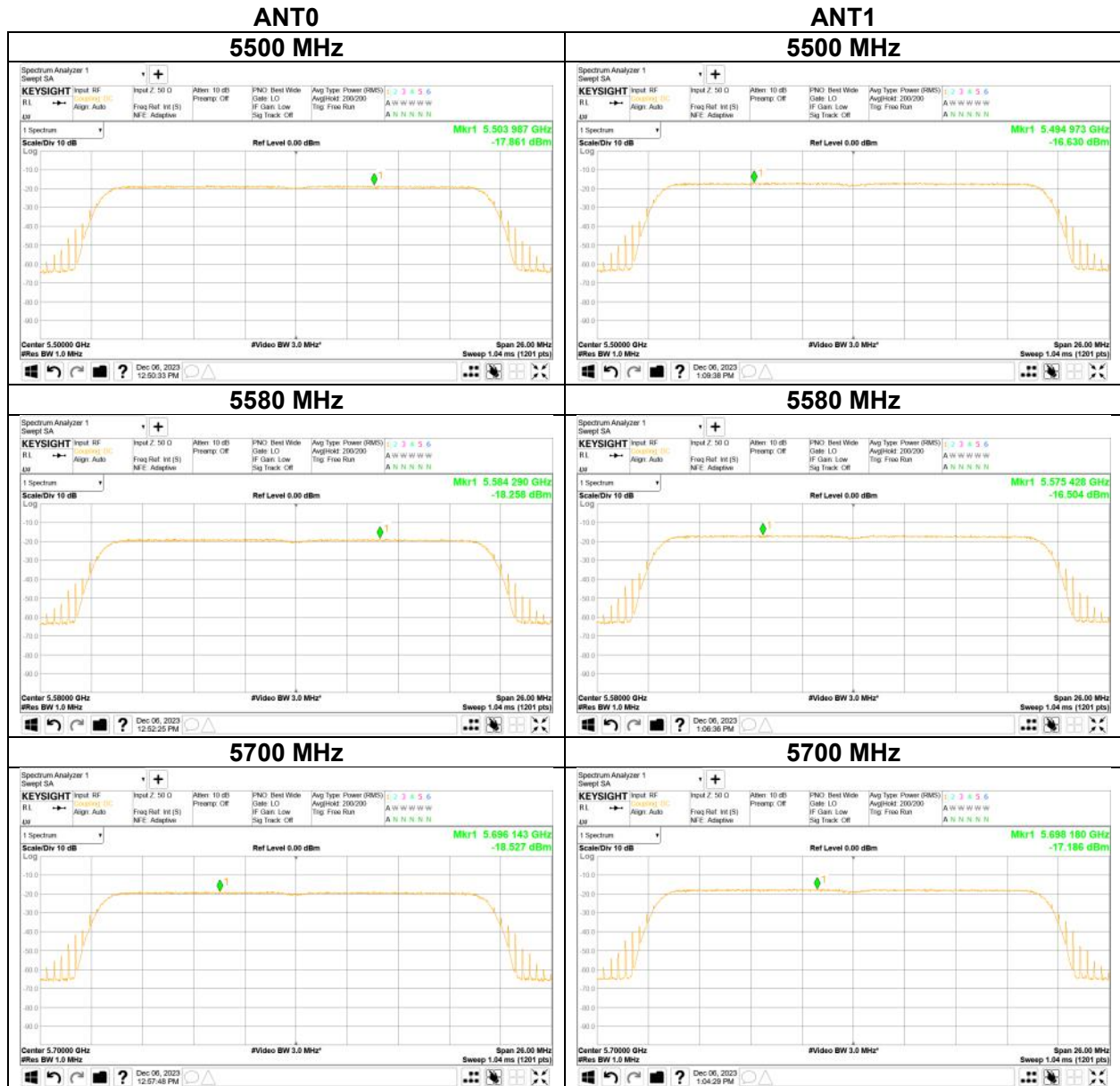


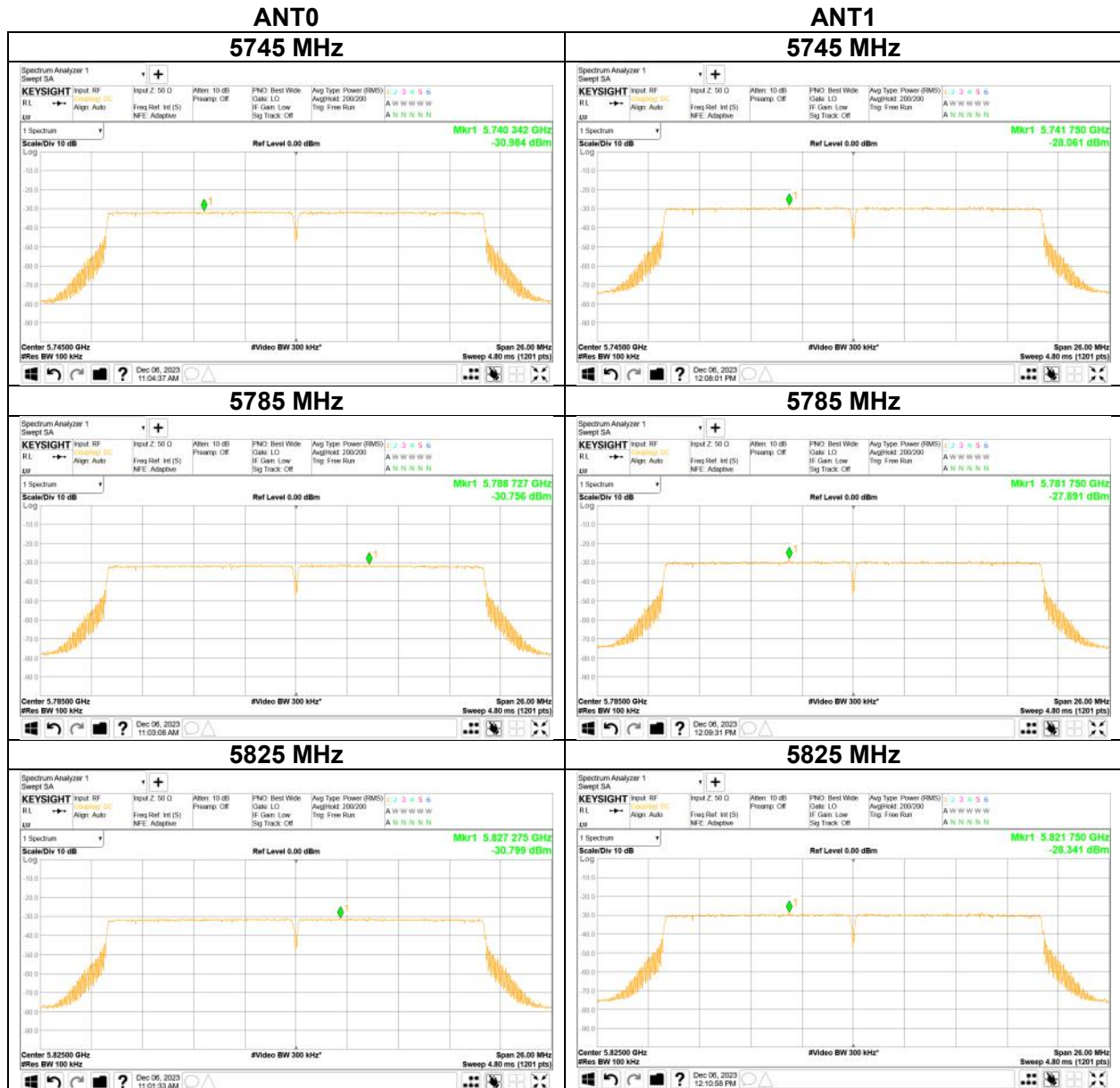
Maximum Power Spectral Density

11ax-20 (OFDMA)
242-tone RU
RU Index 61



Maximum Power Spectral Density

11ax-20 (OFDMA)
242-tone RU
RU Index 61



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11n-40

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						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]			
5190	0.17	0.24	0.41	-3.91	8.84	12.75	1.09	1.57	2.66	4.25	17.00	12.75
5230	0.16	0.24	0.41	-3.89	8.84	12.73	1.07	1.60	2.67	4.27	17.00	12.73
5270	0.12	0.20	0.32	-4.89	8.84	13.73	0.80	1.32	2.12	3.27	17.00	13.73
5310	0.14	0.22	0.36	-4.46	8.84	13.30	0.92	1.42	2.34	3.70	17.00	13.30
5510	0.28	0.41	0.69	-1.60	10.45	12.05	1.26	1.86	3.12	4.95	17.00	12.05
5550	0.29	0.44	0.73	-1.36	10.45	11.81	1.33	1.98	3.30	5.19	17.00	11.81
5670	0.28	0.40	0.68	-1.64	10.45	12.09	1.28	1.81	3.10	4.91	17.00	12.09
5755	0.08	0.13	0.20	-6.95	29.93	36.88	0.31	0.51	0.82	-0.88	36.00	36.88
5795	0.08	0.13	0.21	-6.79	29.93	36.72	0.34	0.51	0.85	-0.72	36.00	36.72

Tested Frequency [MHz]	Duty Factor [dB]	RBW Correction Factor [dB]	ANT0						ANT1					
			PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	
			[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.
5190	0.07	0.00	-20.89	3.04	9.98	8.16	-7.80	0.36	-19.41	3.06	10.09	8.16	-6.19	1.97
5230	0.07	0.00	-20.96	3.06	9.98	8.16	-7.85	0.31	-19.35	3.07	10.09	8.16	-6.12	2.04
5270	0.07	0.00	-22.26	3.07	9.98	8.16	-9.14	-0.98	-20.18	3.08	10.09	8.16	-6.94	1.22
5310	0.07	0.00	-21.66	3.08	9.98	8.16	-8.53	-0.37	-19.88	3.09	10.09	8.16	-6.63	1.54
5510	0.07	0.00	-18.73	3.14	9.98	6.55	-5.54	1.01	-17.17	3.16	10.09	6.55	-3.85	2.70
5550	0.07	0.00	-18.51	3.15	9.98	6.55	-5.31	1.24	-16.92	3.17	10.09	6.55	-3.59	2.96
5670	0.07	0.00	-18.69	3.18	9.98	6.55	-5.46	1.09	-17.33	3.20	10.09	6.55	-3.97	2.58
5755	0.07	6.99	-31.45	3.20	9.98	6.07	-11.21	-5.14	-29.37	3.22	10.09	6.07	-9.00	-2.93
5795	0.07	6.99	-31.02	3.21	9.98	6.07	-10.77	-4.70	-29.40	3.23	10.10	6.07	-9.01	-2.94

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

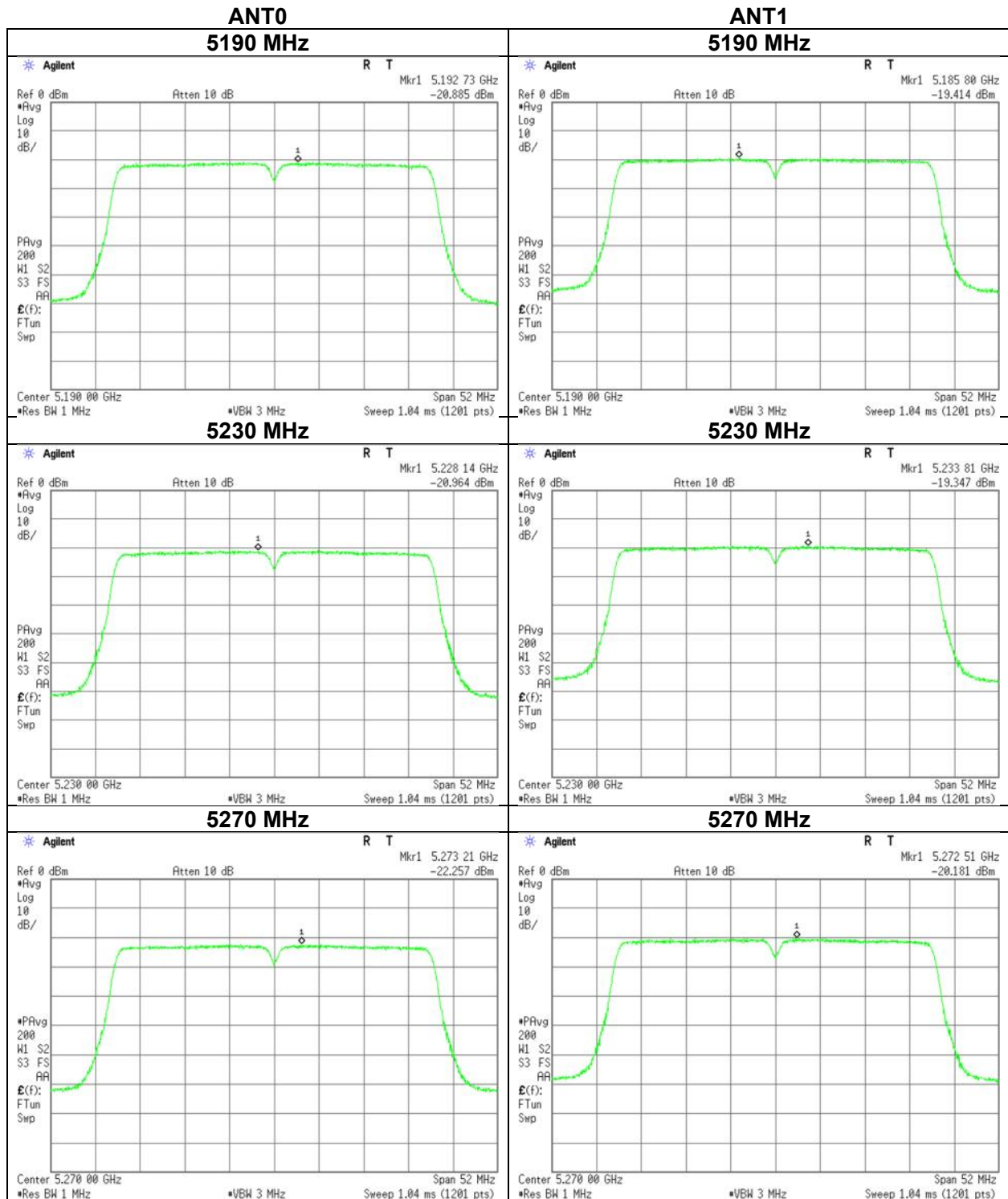
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

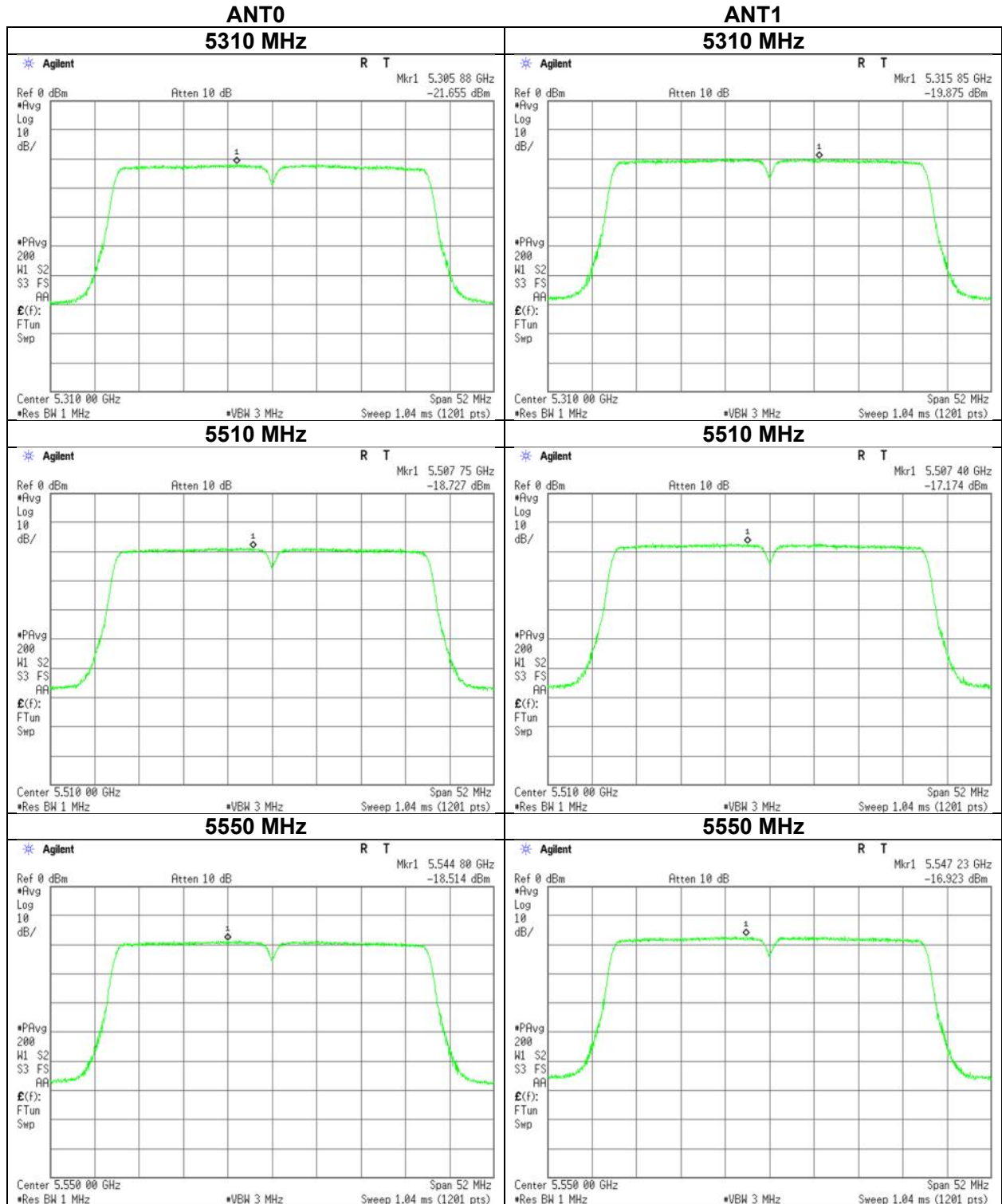
Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 52 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11n-40	



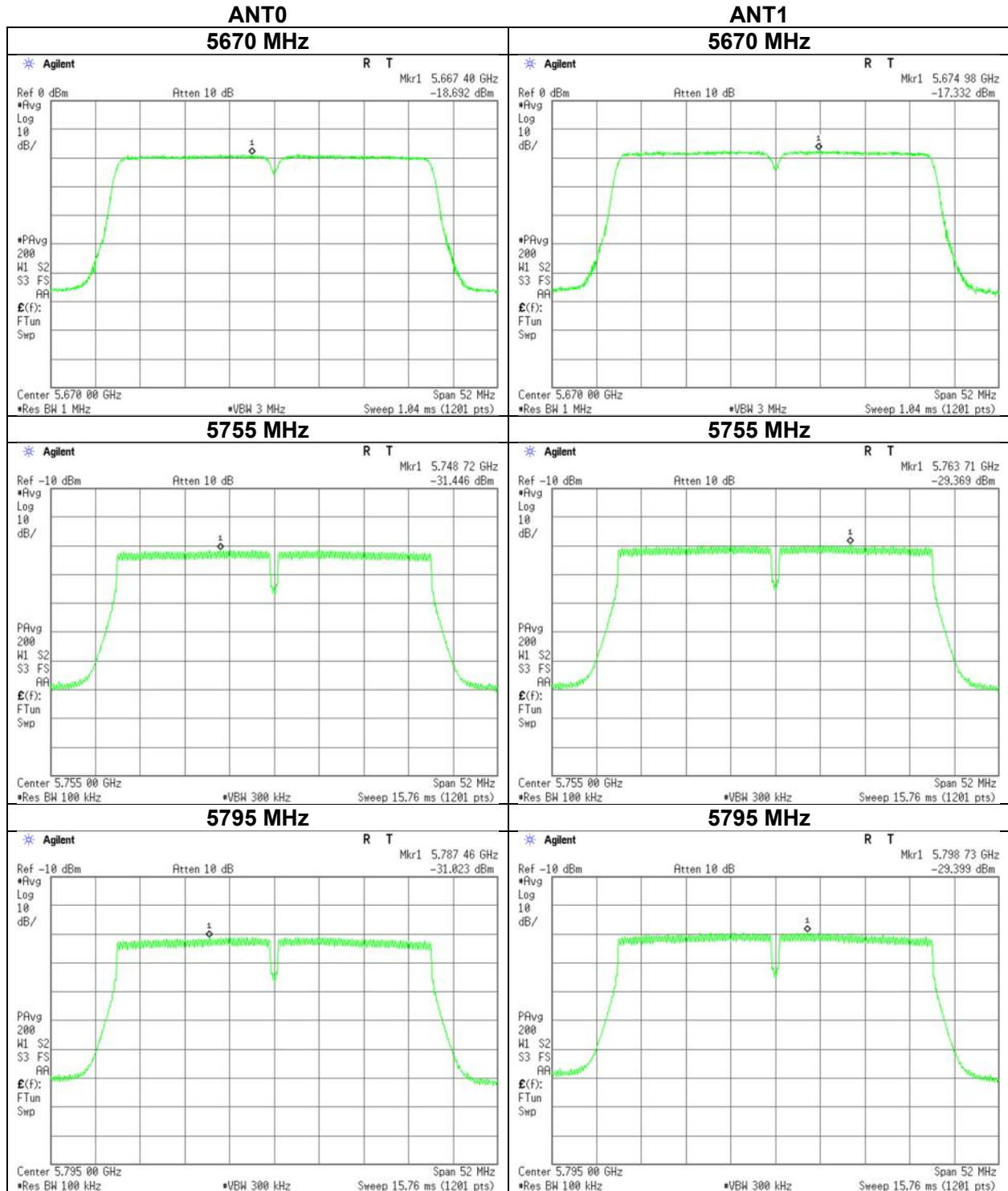
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11n-40



Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	November 23, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 53 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11n-40	



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11ac-40

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						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]
5190	0.19	0.24	0.43	-3.65	8.84	12.49	1.22	1.60	2.83	4.51	17.00	12.49
5230	0.17	0.25	0.43	-3.69	8.84	12.53	1.13	1.67	2.80	4.47	17.00	12.53
5270	0.12	0.20	0.33	-4.88	8.84	13.72	0.80	1.33	2.13	3.28	17.00	13.72
5310	0.14	0.21	0.35	-4.54	8.84	13.38	0.91	1.39	2.30	3.62	17.00	13.38
5510	0.29	0.40	0.70	-1.58	10.45	12.03	1.32	1.82	3.14	4.97	17.00	12.03
5550	0.29	0.41	0.70	-1.54	10.45	11.99	1.31	1.86	3.17	5.01	17.00	11.99
5670	0.27	0.38	0.65	-1.85	10.45	12.30	1.24	1.71	2.95	4.70	17.00	12.30
5755	0.08	0.12	0.20	-7.02	29.93	36.95	0.33	0.48	0.80	-0.95	36.00	36.95
5795	0.08	0.12	0.20	-6.96	29.93	36.89	0.34	0.48	0.81	-0.89	36.00	36.89

			ANT0						ANT1					
Tested Frequency	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result 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	0.07	0.00	-20.37	3.04	9.98	8.16	-7.28	0.88	-19.34	3.06	10.09	8.16	-6.12	2.04
5230	0.07	0.00	-20.72	3.06	9.98	8.16	-7.61	0.55	-19.17	3.07	10.09	8.16	-5.94	2.22
5270	0.07	0.00	-22.24	3.07	9.98	8.16	-9.12	-0.96	-20.17	3.08	10.09	8.16	-6.93	1.23
5310	0.07	0.00	-21.71	3.08	9.98	8.16	-8.58	-0.42	-19.98	3.09	10.09	8.16	-6.73	1.43
5510	0.07	0.00	-18.52	3.14	9.98	6.55	-5.33	1.22	-17.27	3.16	10.09	6.55	-3.95	2.60
5550	0.07	0.00	-18.58	3.15	9.98	6.55	-5.38	1.17	-17.18	3.17	10.09	6.55	-3.85	2.70
5670	0.07	0.00	-18.86	3.18	9.98	6.55	-5.63	0.92	-17.57	3.20	10.09	6.55	-4.21	2.34
5755	0.07	6.99	-31.17	3.20	9.98	6.07	-10.93	-4.86	-29.65	3.22	10.09	6.07	-9.28	-3.21
5795	0.07	6.99	-31.03	3.21	9.98	6.07	-10.78	-4.71	-29.68	3.23	10.10	6.07	-9.29	-3.22

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log$ (Specified bandwidth / Measured bandwidth)

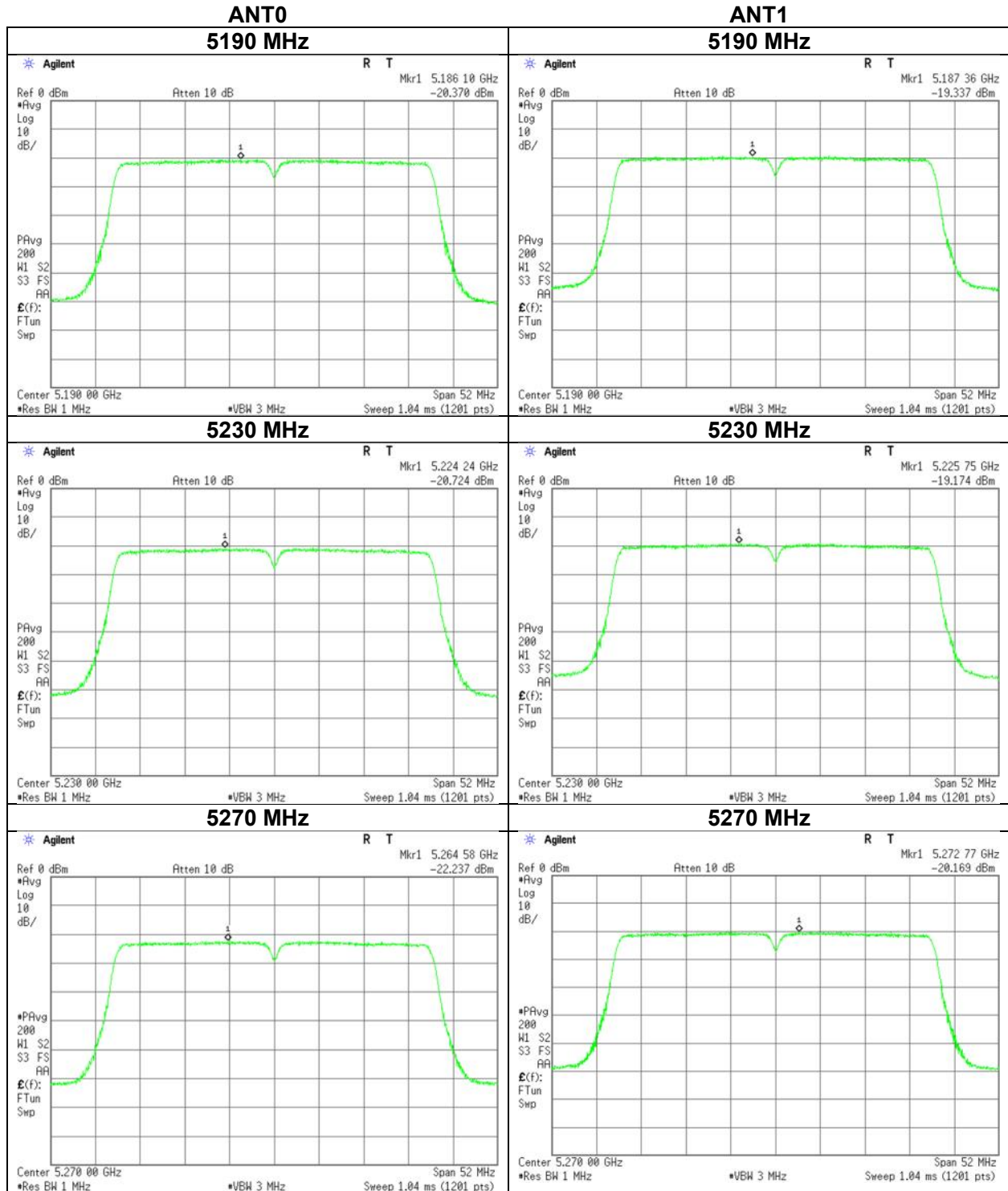
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

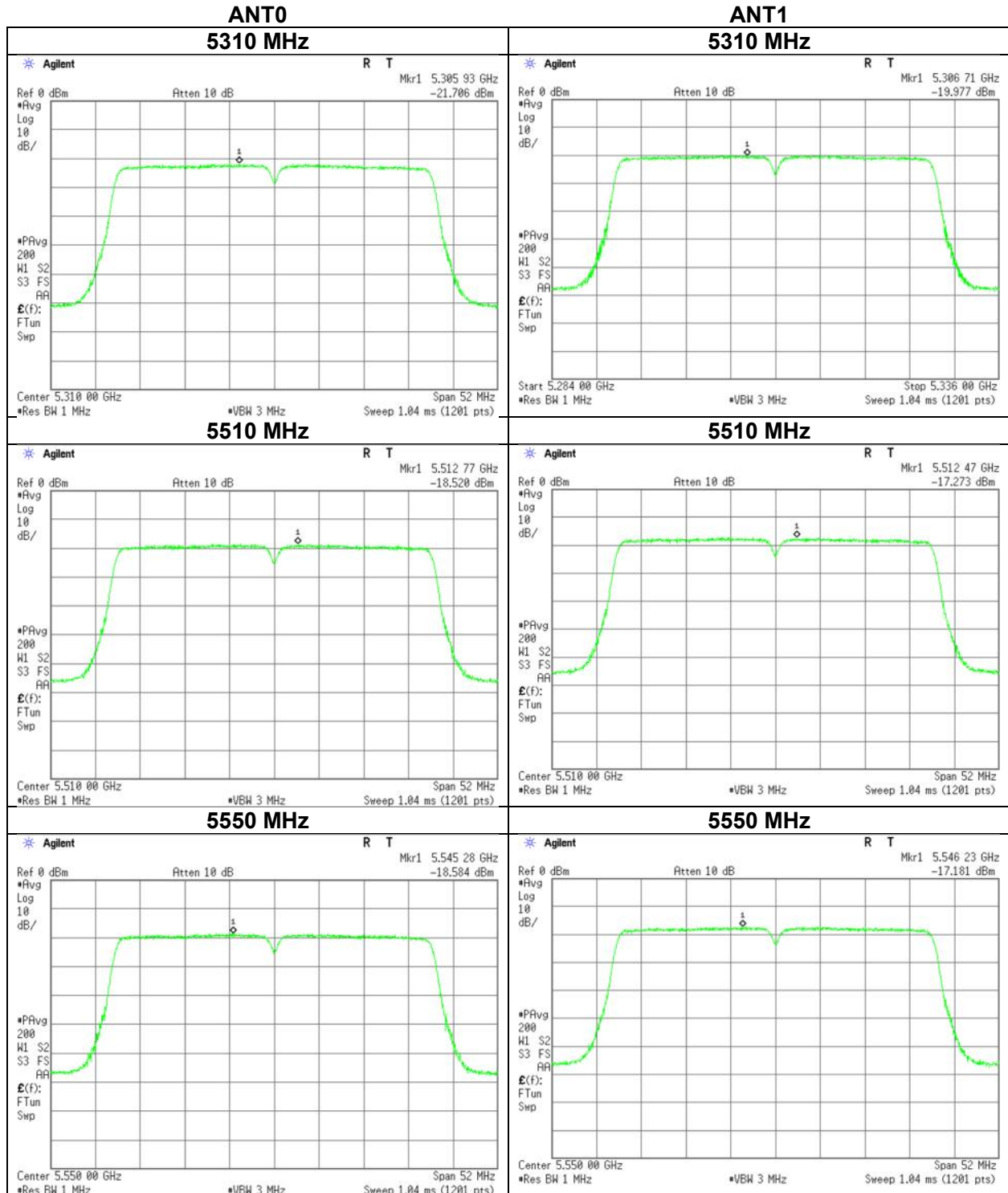
Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 52 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11ac-40	



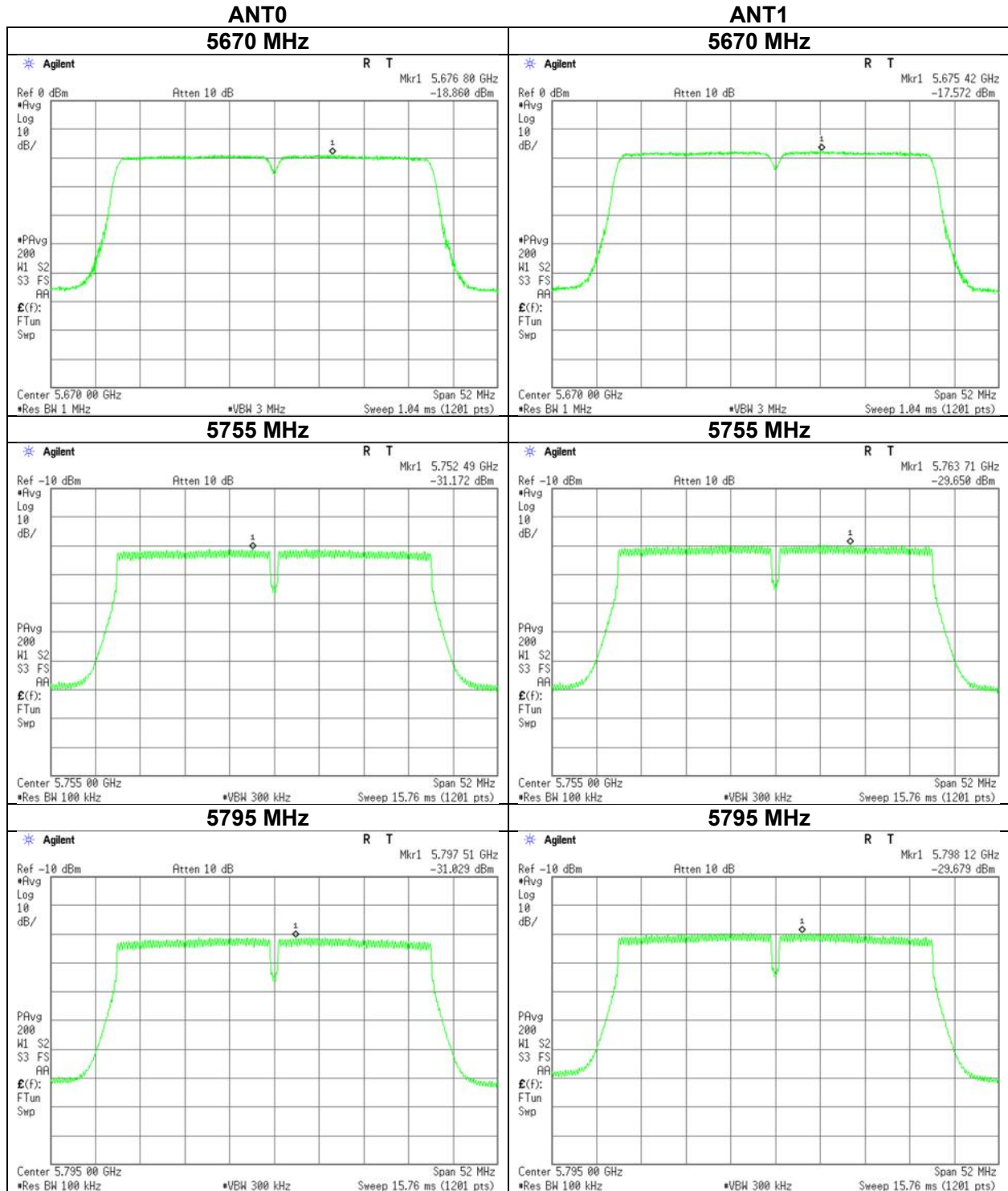
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11ac-40



Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 52 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11ac-40	



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11ax-40 (OFDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						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]			
5190	0.18	0.24	0.42	-3.79	8.84	12.63	1.17	1.56	2.74	4.37	17.00	12.63
5230	0.18	0.28	0.45	-3.46	8.84	12.30	1.15	1.81	2.95	4.70	17.00	12.30
5270	0.12	0.21	0.33	-4.80	8.84	13.64	0.78	1.39	2.17	3.36	17.00	13.64
5310	0.13	0.22	0.35	-4.51	8.84	13.35	0.88	1.44	2.32	3.65	17.00	13.35
5510	0.29	0.44	0.73	-1.38	10.45	11.83	1.32	1.97	3.29	5.17	17.00	11.83
5550	0.29	0.41	0.70	-1.54	10.45	11.99	1.33	1.84	3.17	5.01	17.00	11.99
5670	0.27	0.41	0.68	-1.67	10.45	12.12	1.23	1.85	3.08	4.88	17.00	12.12
5755	0.07	0.10	0.18	-7.57	29.93	37.50	0.28	0.42	0.71	-1.50	36.00	37.50
5795	0.07	0.11	0.18	-7.45	29.93	37.38	0.29	0.44	0.73	-1.38	36.00	37.38

Tested Frequency [MHz]	Duty Factor [dB]	RBW Correction Factor [dB]	ANT0						ANT1					
			PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	
			[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.
5190	0.07	0.00	-20.55	3.04	9.98	8.16	-7.46	0.70	-19.44	3.06	10.09	8.16	-6.22	1.94
5230	0.07	0.00	-20.67	3.06	9.98	8.16	-7.56	0.60	-18.82	3.07	10.09	8.16	-5.59	2.57
5270	0.07	0.00	-22.37	3.07	9.98	8.16	-9.25	-1.09	-19.97	3.08	10.09	8.16	-6.73	1.43
5310	0.07	0.00	-21.84	3.08	9.98	8.16	-8.71	-0.55	-19.83	3.09	10.09	8.16	-6.58	1.58
5510	0.07	0.00	-18.54	3.14	9.98	6.55	-5.35	1.21	-16.93	3.16	10.09	6.55	-3.61	2.94
5550	0.07	0.00	-18.52	3.15	9.98	6.55	-5.32	1.23	-17.22	3.17	10.09	6.55	-3.89	2.66
5670	0.07	0.00	-18.90	3.18	9.98	6.55	-5.67	0.88	-17.23	3.20	10.09	6.55	-3.87	2.68
5755	0.07	6.99	-31.78	3.20	9.98	6.07	-11.54	-5.47	-30.16	3.22	10.09	6.07	-9.79	-3.72
5795	0.07	6.99	-31.73	3.21	9.98	6.07	-11.48	-5.41	-30.02	3.23	10.10	6.07	-9.63	-3.56

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log (\text{Specified bandwidth} / \text{Measured bandwidth})$

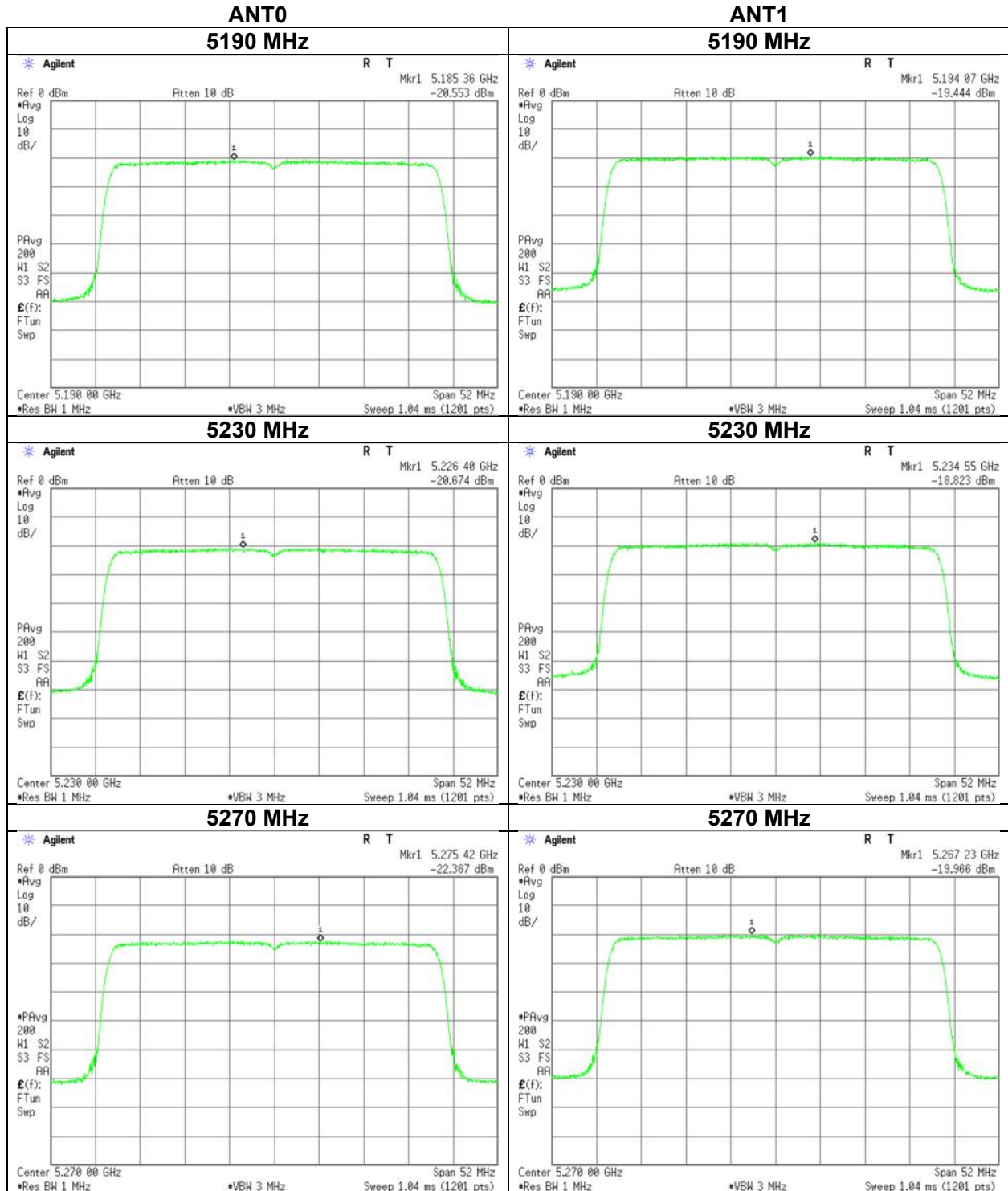
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

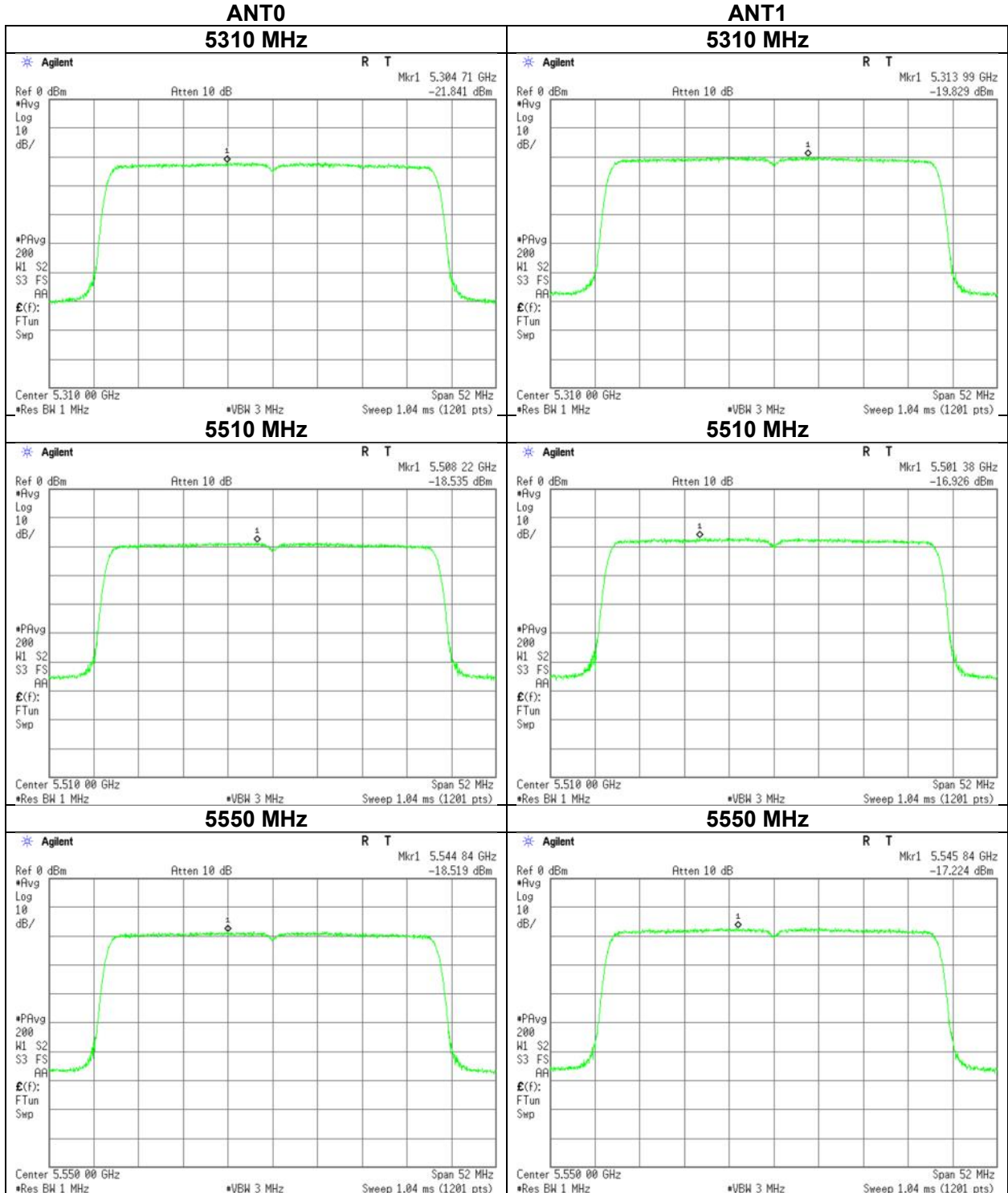
Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 52 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11ax-40 (OFDM)	



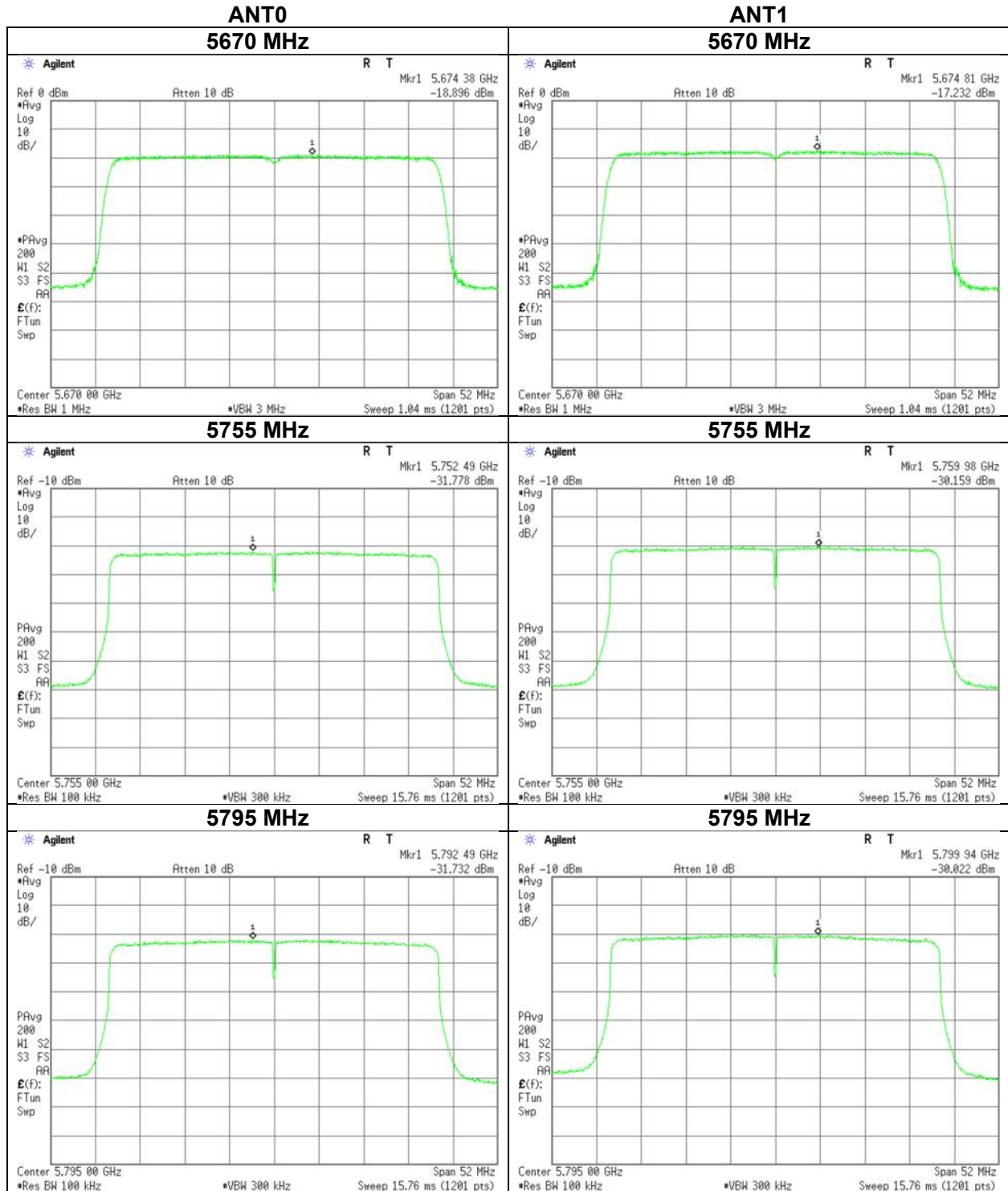
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-40 (OFDM)



Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	November 23, 2023
Temperature / Humidity	25 deg. C / 52 % RH	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi	Shiro Kobayashi
Mode	Tx 11ax-40 (OFDM)	



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 11, 2023
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5190	0	0.09	0.15	0.24	-6.27	8.84	15.11	0.59	0.96	1.55	1.89	17.00	15.11
	8	0.11	0.16	0.27	-5.67	8.84	14.51	0.75	1.03	1.78	2.49	17.00	14.51
	17	0.09	0.12	0.21	-6.79	8.84	15.63	0.60	0.77	1.37	1.37	17.00	15.63
5230	0	0.08	0.13	0.21	-6.77	8.84	15.61	0.52	0.86	1.38	1.39	17.00	15.61
	8	0.12	0.17	0.29	-5.36	8.84	14.20	0.81	1.09	1.90	2.80	17.00	14.20
	17	0.08	0.13	0.21	-6.84	8.84	15.68	0.52	0.84	1.35	1.32	17.00	15.68
5270	0	0.09	0.13	0.22	-6.55	8.84	15.39	0.59	0.86	1.45	1.61	17.00	15.39
	8	0.09	0.14	0.23	-6.34	8.84	15.18	0.61	0.91	1.52	1.82	17.00	15.18
	17	0.09	0.11	0.20	-6.92	8.84	15.76	0.62	0.71	1.33	1.24	17.00	15.76
5310	0	0.10	0.12	0.22	-6.57	8.84	15.41	0.63	0.81	1.44	1.59	17.00	15.41
	8	0.11	0.14	0.25	-6.07	8.84	14.91	0.71	0.91	1.62	2.09	17.00	14.91
	17	0.09	0.11	0.20	-7.01	8.84	15.85	0.60	0.70	1.30	1.15	17.00	15.85

				ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result 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	0	0.00	0.00	-23.49	3.04	9.98	8.16	-10.46	-2.30	-21.50	3.06	10.09	8.16	-8.35	-0.19
	8	0.00	0.00	-22.45	3.04	9.98	8.16	-9.42	-1.26	-21.19	3.06	10.09	8.16	-8.04	0.12
	17	0.00	0.00	-23.41	3.04	9.98	8.16	-10.39	-2.23	-22.43	3.06	10.09	8.16	-9.28	-1.12
5230	0	0.00	0.00	-24.05	3.06	9.98	8.16	-11.02	-2.86	-21.98	3.06	10.09	8.16	-8.83	-0.67
	8	0.00	0.00	-22.10	3.06	9.98	8.16	-9.07	-0.91	-20.93	3.06	10.09	8.16	-7.78	0.38
	17	0.00	0.00	-24.05	3.06	9.98	8.16	-11.01	-2.85	-22.09	3.06	10.09	8.16	-8.94	-0.78
5270	0	0.00	0.00	-23.51	3.07	9.98	8.16	-10.46	-2.30	-21.99	3.09	10.09	8.16	-8.82	-0.66
	8	0.00	0.00	-23.39	3.07	9.98	8.16	-10.34	-2.18	-21.72	3.09	10.09	8.16	-8.55	-0.39
	17	0.00	0.00	-23.29	3.07	9.98	8.16	-10.25	-2.09	-22.81	3.09	10.09	8.16	-9.64	-1.48
5310	0	0.00	0.00	-23.19	3.08	9.98	8.16	-10.13	-1.97	-22.26	3.09	10.09	8.16	-9.08	-0.92
	8	0.00	0.00	-22.72	3.08	9.98	8.16	-9.67	-1.51	-21.73	3.09	10.09	8.16	-8.56	-0.40
	17	0.00	0.00	-23.41	3.08	9.98	8.16	-10.36	-2.20	-22.88	3.09	10.09	8.16	-9.70	-1.54

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 12, 2023 December 17, 2023
Temperature / Humidity 24 deg. C / 40 % RH 24 deg. C / 30 % RH
Engineer Miku Ikudome Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5510	0	0.17	0.21	0.38	-4.19	10.45	14.64	0.76	0.96	1.72	2.36	17.00	14.64
	8	0.21	0.27	0.48	-3.23	10.45	13.68	0.93	1.22	2.15	3.32	17.00	13.68
	17	0.17	0.22	0.39	-4.14	10.45	14.59	0.75	0.99	1.74	2.41	17.00	14.59
5550	0	0.17	0.23	0.40	-3.96	10.45	14.41	0.76	1.05	1.82	2.59	17.00	14.41
	8	0.22	0.27	0.49	-3.09	10.45	13.54	1.00	1.22	2.22	3.46	17.00	13.54
	17	0.19	0.21	0.40	-3.94	10.45	14.39	0.88	0.95	1.82	2.61	17.00	14.39
5670	0	0.18	0.22	0.40	-3.96	10.45	14.41	0.83	0.98	1.82	2.59	17.00	14.41
	8	0.21	0.26	0.47	-3.26	10.45	13.71	0.97	1.17	2.13	3.29	17.00	13.71
	17	0.18	0.21	0.39	-4.08	10.45	14.53	0.80	0.97	1.77	2.47	17.00	14.53
5755	0	0.05	0.06	0.11	-9.72	29.93	39.65	0.19	0.24	0.43	-3.65	36.00	39.65
	8	0.05	0.08	0.13	-8.82	29.93	38.75	0.21	0.32	0.53	-2.75	36.00	38.75
	17	0.04	0.07	0.11	-9.75	29.93	39.68	0.15	0.28	0.43	-3.68	36.00	39.68
5795	0	0.04	0.05	0.09	-10.42	29.93	40.35	0.15	0.21	0.37	-4.35	36.00	40.35
	8	0.05	0.08	0.13	-8.81	29.93	38.74	0.22	0.31	0.53	-2.74	36.00	38.74
	17	0.04	0.07	0.11	-9.56	29.93	39.49	0.17	0.28	0.45	-3.49	36.00	39.49

Tested Frequency [MHz]	RU Index	ANT0								ANT1							
		Duty Factor	RBW Correction 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]		
5510	0	0.00	0.00	-20.84	3.14	9.98	6.55	-7.72	-1.17	-19.99	3.16	10.09	6.55	-6.75	-0.20		
	8	0.00	0.00	-20.00	3.14	9.98	6.55	-6.88	-0.33	-18.93	3.16	10.09	6.55	-5.68	0.87		
	17	0.00	0.00	-20.92	3.14	9.98	6.55	-7.80	-1.25	-19.83	3.16	10.09	6.55	-6.58	-0.03		
5550	0	0.00	0.00	-20.86	3.15	9.98	6.55	-7.73	-1.18	-19.58	3.17	10.09	6.55	-6.32	0.23		
	8	0.00	0.00	-19.70	3.15	9.98	6.55	-6.57	-0.02	-18.94	3.17	10.09	6.55	-5.68	0.87		
	17	0.00	0.00	-20.25	3.15	9.98	6.55	-7.12	-0.57	-20.05	3.17	10.09	6.55	-6.79	-0.24		
5670	0	0.00	0.00	-20.50	3.18	9.98	6.55	-7.34	-0.79	-19.93	3.20	10.09	6.55	-6.63	-0.08		
	8	0.00	0.00	-19.86	3.18	9.98	6.55	-6.70	-0.15	-19.18	3.20	10.09	6.55	-5.89	0.66		
	17	0.00	0.00	-20.71	3.18	9.98	6.55	-7.54	-0.99	-19.97	3.20	10.09	6.55	-6.68	-0.13		
5755	0	0.00	6.99	-33.45	3.21	9.98	6.07	-13.27	-7.20	-32.56	3.23	10.09	6.07	-12.25	-6.18		
	8	0.00	6.99	-32.98	3.21	9.98	6.07	-12.80	-6.73	-31.35	3.23	10.09	6.07	-11.04	-4.97		
	17	0.00	6.99	-34.60	3.21	9.98	6.07	-14.43	-8.36	-31.87	3.23	10.09	6.07	-11.55	-5.48		
5795	0	0.00	6.99	-34.37	3.22	9.98	6.07	-14.18	-8.11	-33.12	3.24	10.10	6.07	-12.79	-6.72		
	8	0.00	6.99	-32.80	3.22	9.98	6.07	-12.61	-6.54	-31.47	3.24	10.10	6.07	-11.15	-5.08		
	17	0.00	6.99	-33.99	3.22	9.98	6.07	-13.80	-7.73	-31.95	3.24	10.10	6.07	-11.62	-5.55		

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

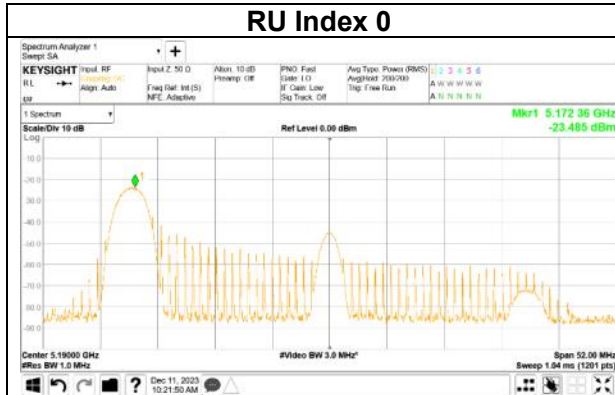
* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5190 MHz

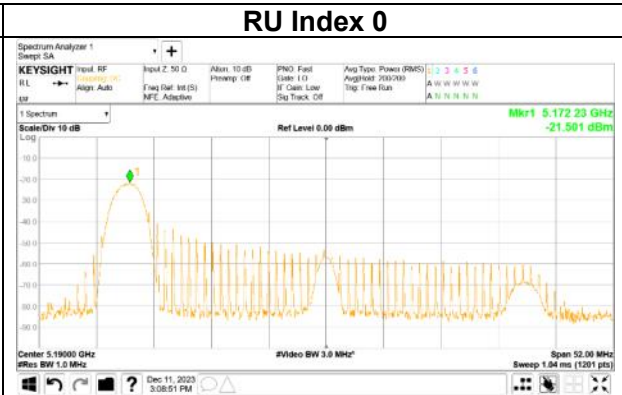
ANT0

RU Index 0

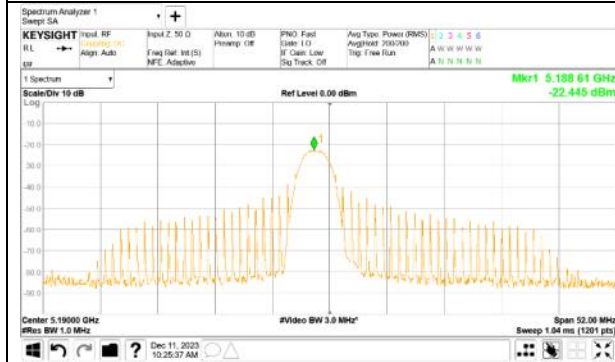


ANT1

RU Index 0



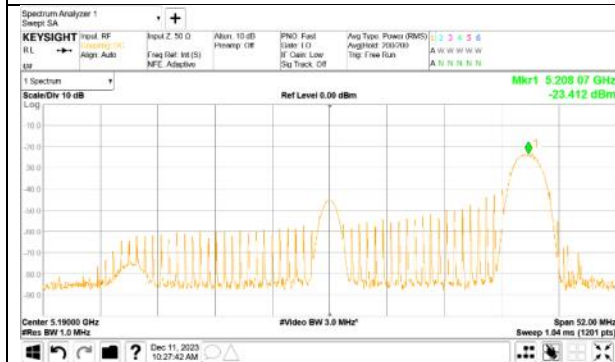
RU Index 8



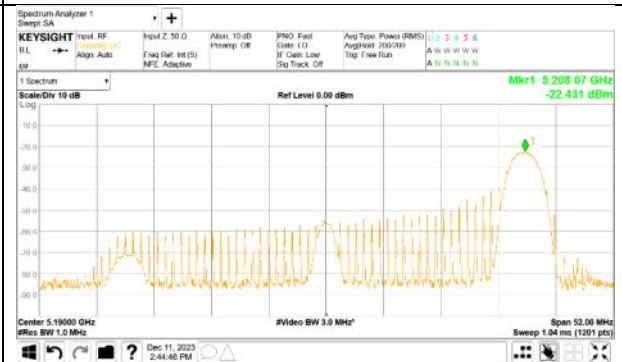
RU Index 8



RU Index 17



RU Index 17

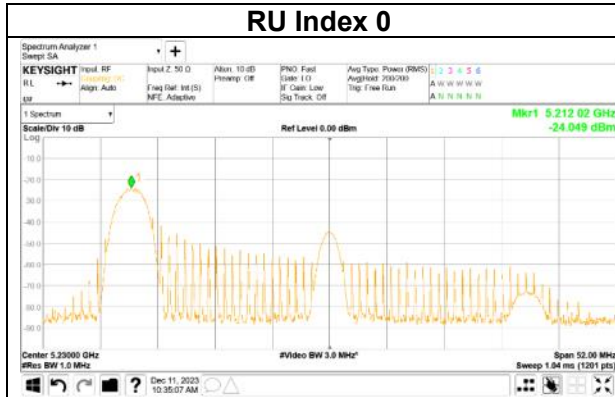


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5230 MHz

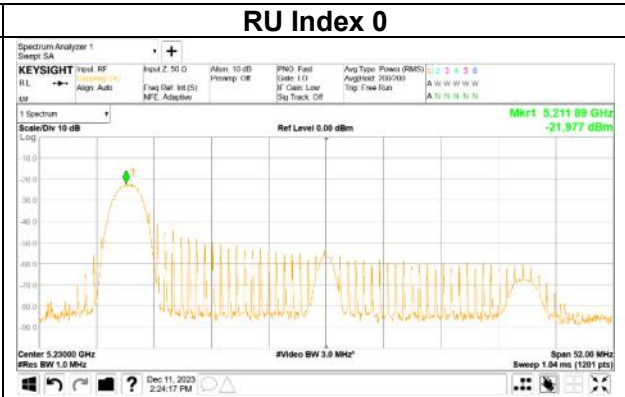
ANT0

RU Index 0

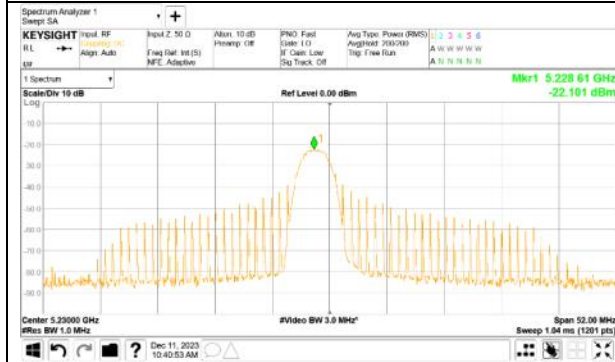


ANT1

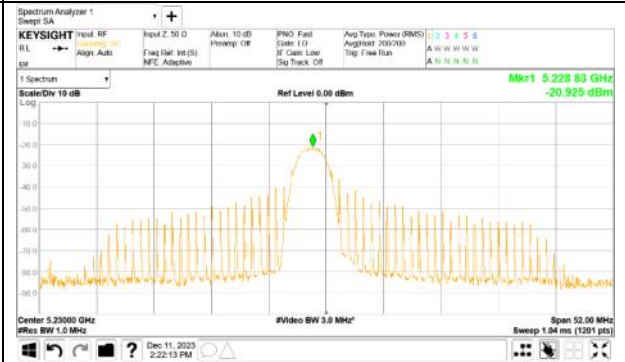
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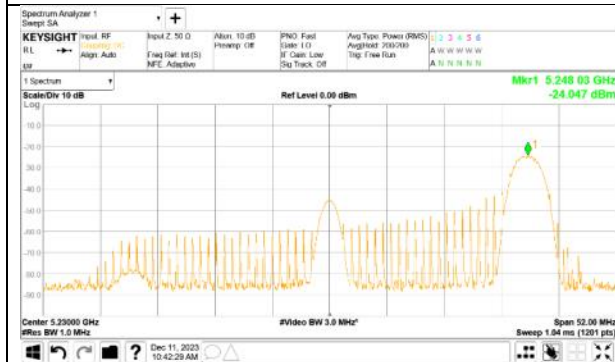
RU Index 8



RU Index 8



RU Index 17



RU Index 17

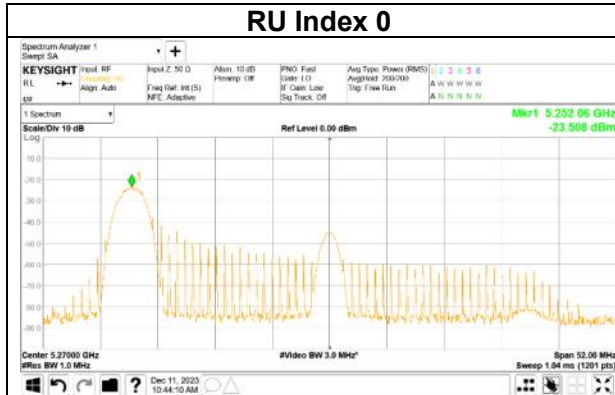


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5270 MHz

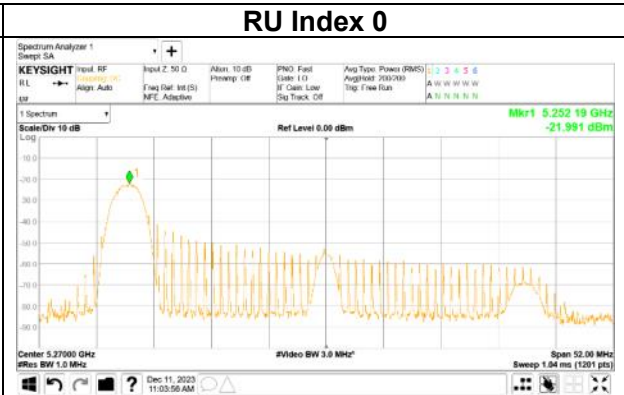
ANT0

RU Index 0

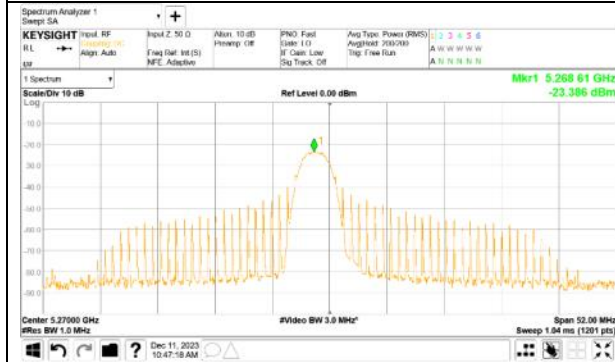


ANT1

RU Index 0



RU Index 8



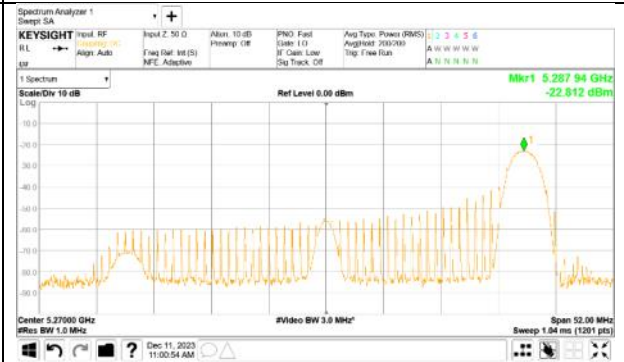
RU Index 8



RU Index 17



RU Index 17

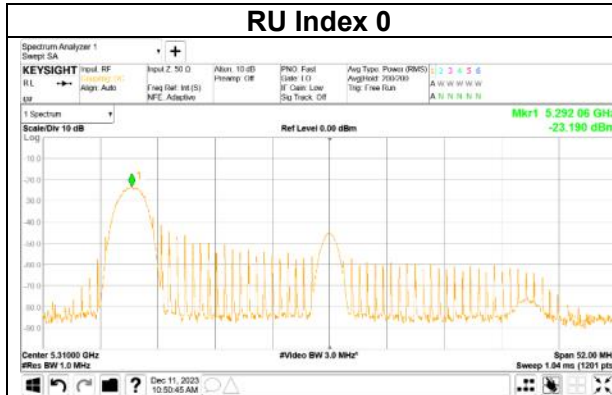


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5310 MHz

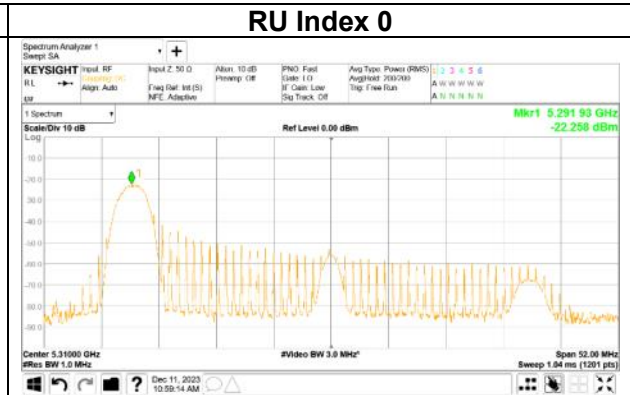
ANT0

RU Index 0

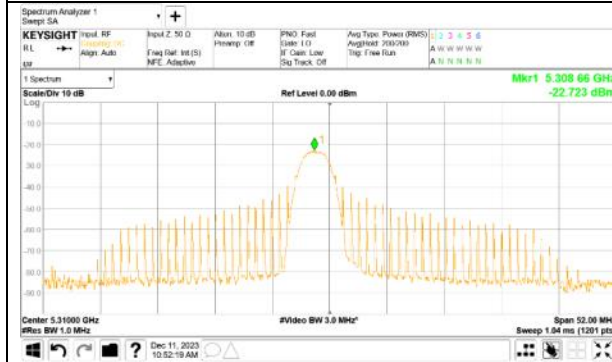


ANT1

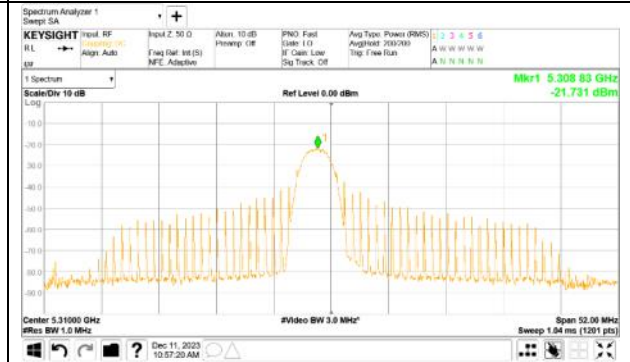
RU Index 0



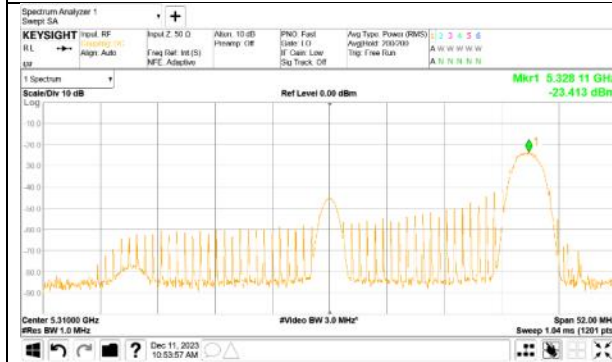
RU Index 8



RU Index 8



RU Index 17



RU Index 17

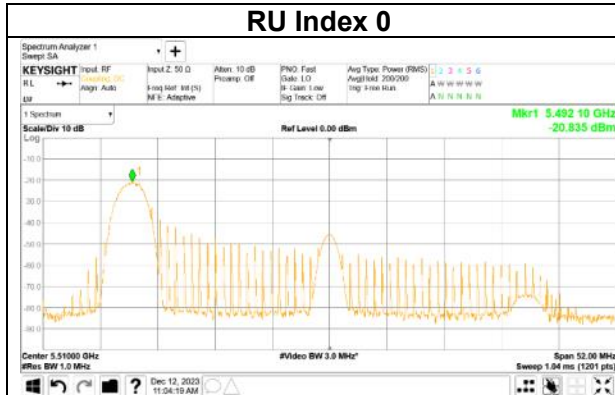


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5510 MHz

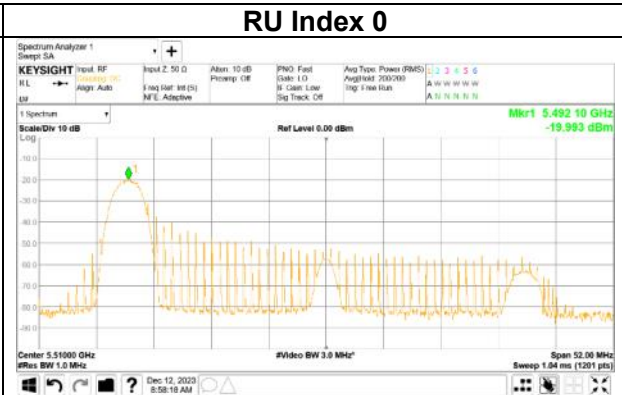
ANT0

RU Index 0

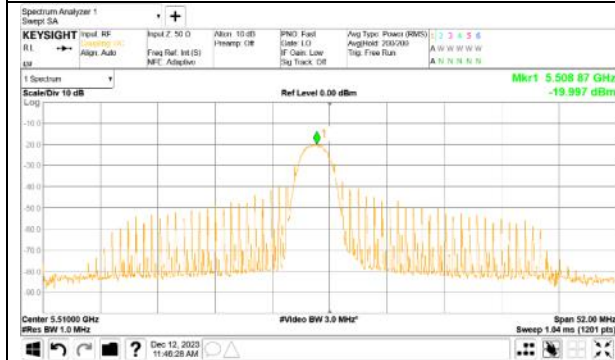


ANT1

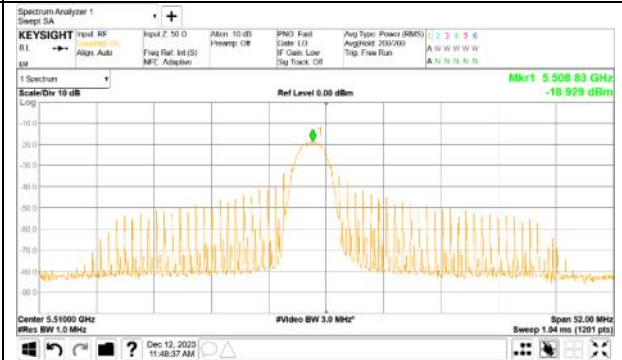
RU Index 0



RU Index 8



RU Index 8



RU Index 17



RU Index 17

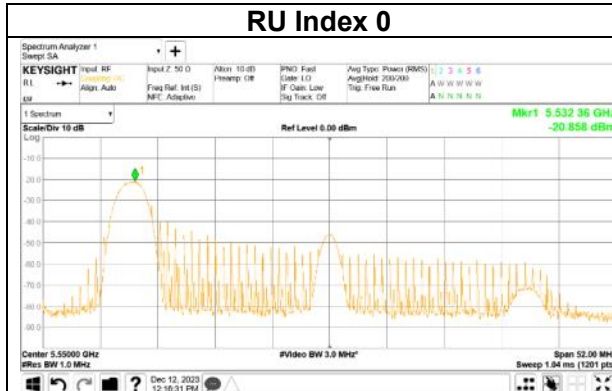


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5550 MHz

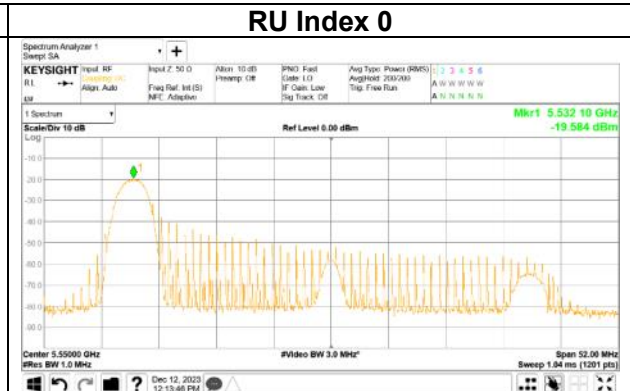
ANT0

RU Index 0

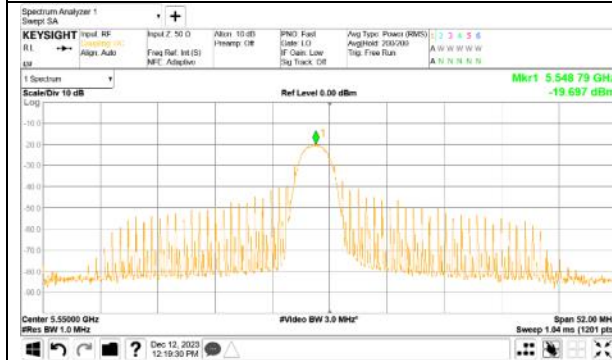


ANT1

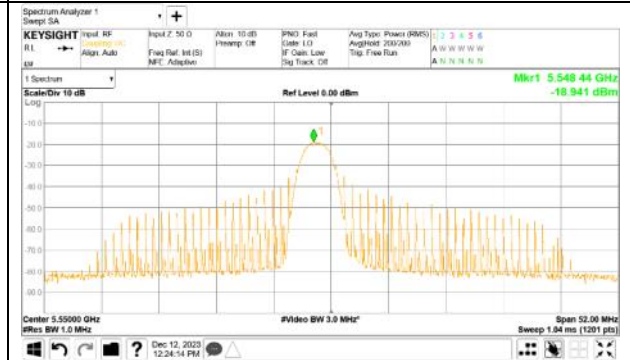
RU Index 0



RU Index 8



RU Index 8



RU Index 17



RU Index 17

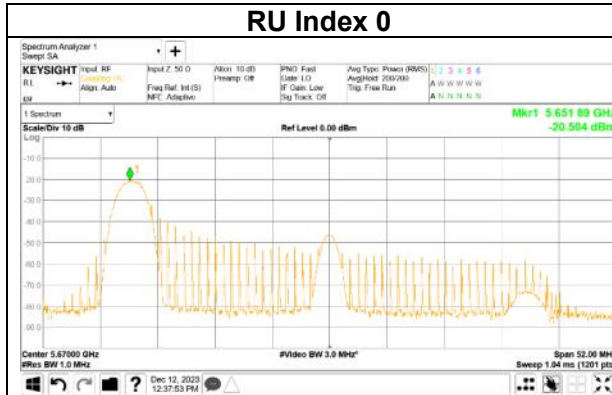


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5670 MHz

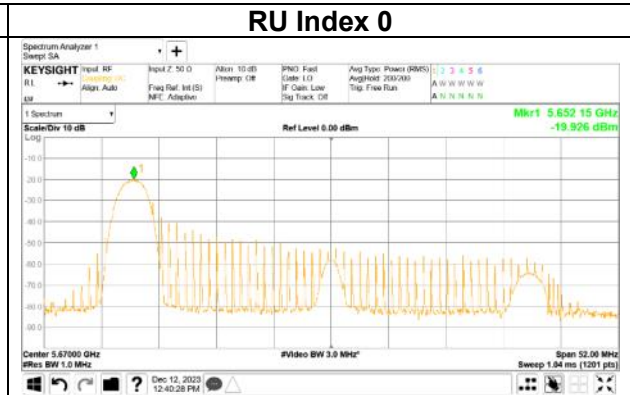
ANT0

RU Index 0

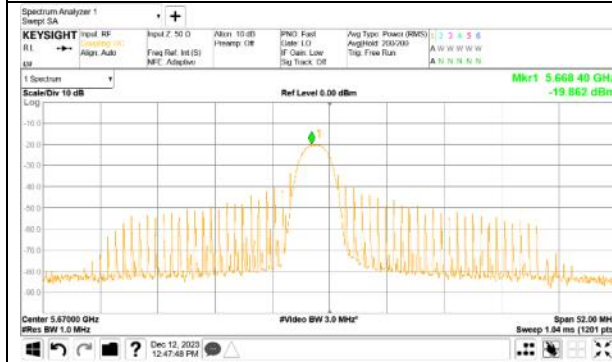


ANT1

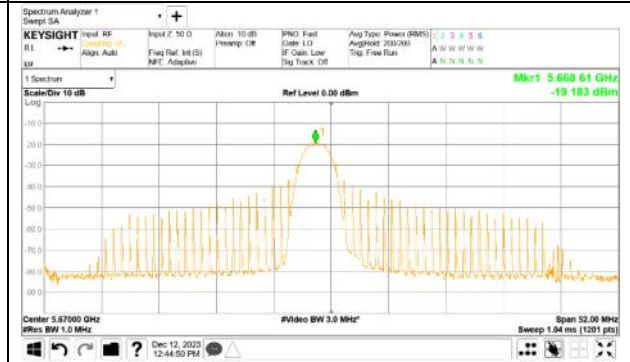
RU Index 0



RU Index 8



RU Index 8



RU Index 17



RU Index 17

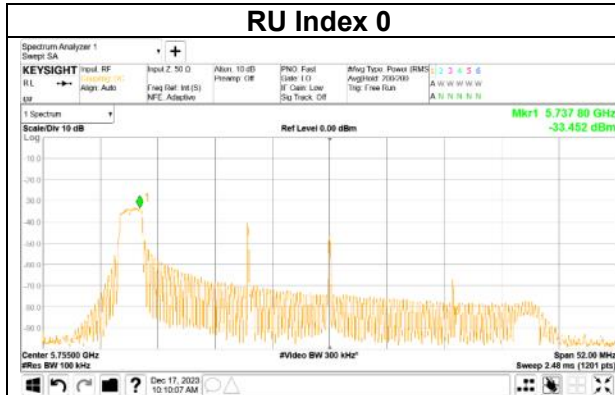


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5755 MHz

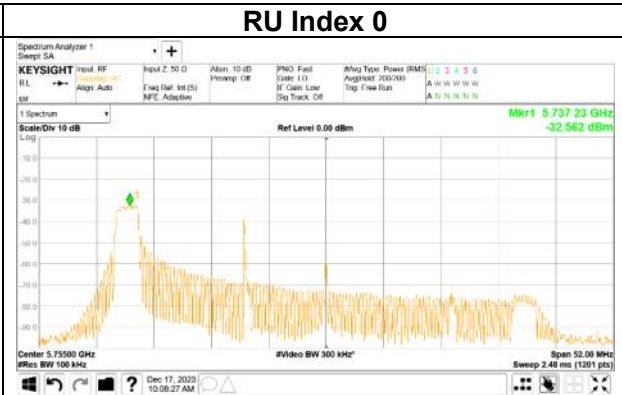
ANT0

RU Index 0

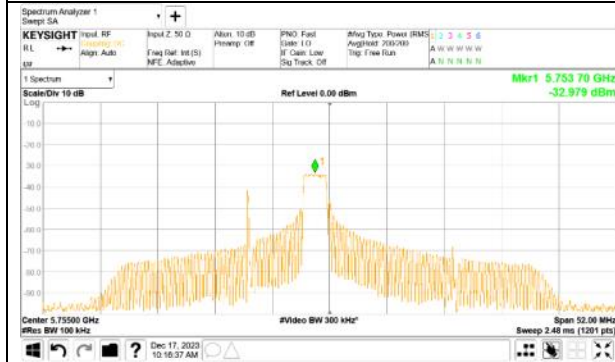


ANT1

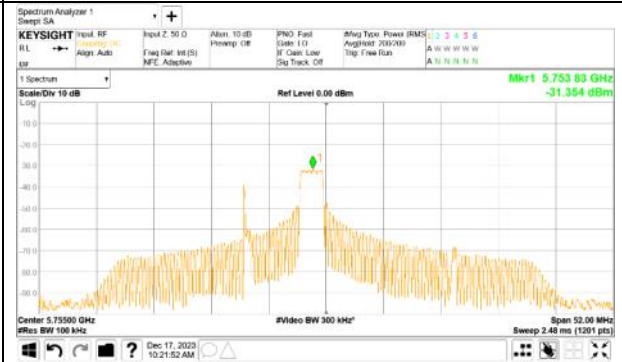
RU Index 0



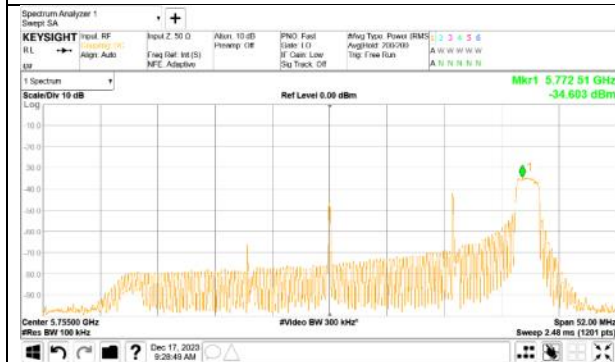
RU Index 8



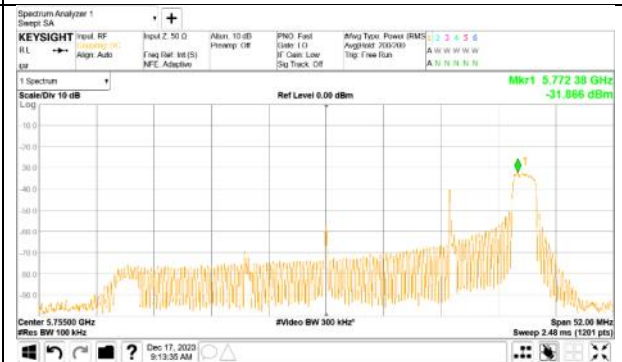
RU Index 8



RU Index 17



RU Index 17

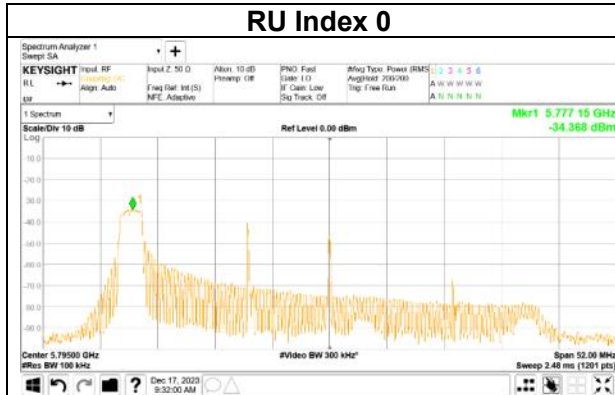


Maximum Power Spectral Density

11ax-40 (OFDMA)
26-tone RU 5795 MHz

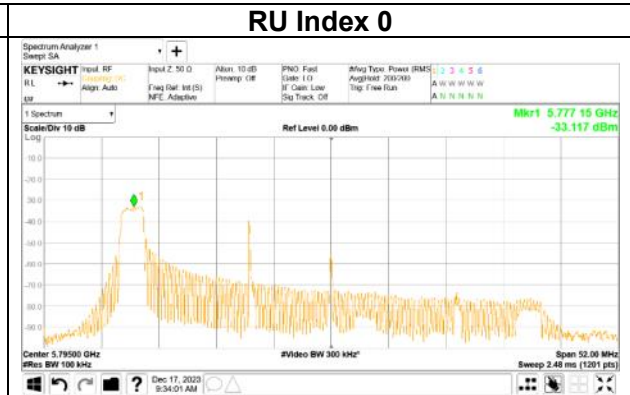
ANT0

RU Index 0

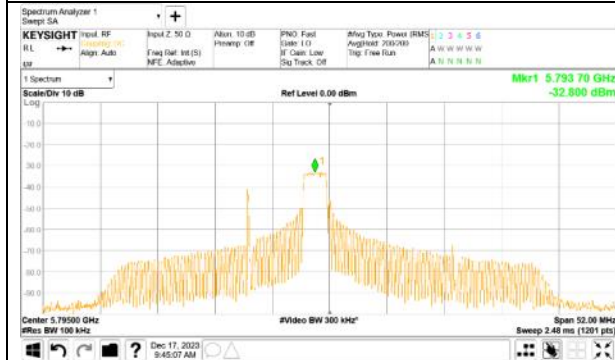


ANT1

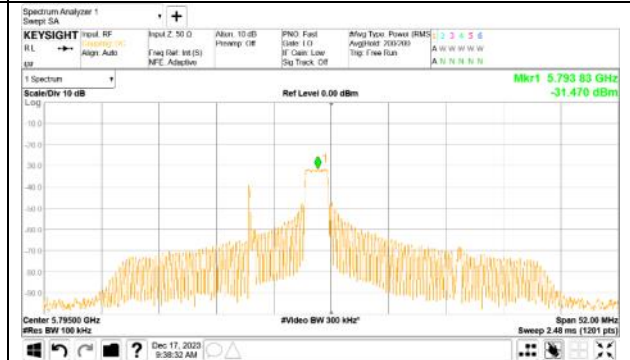
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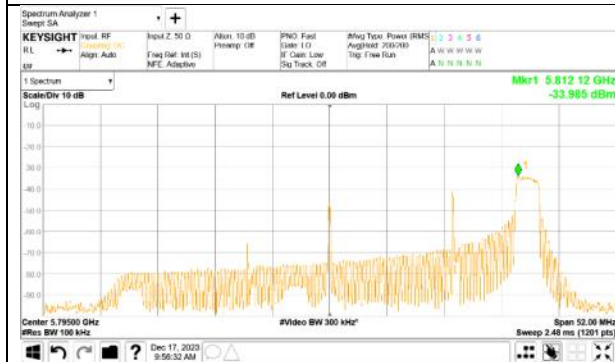
RU Index 8



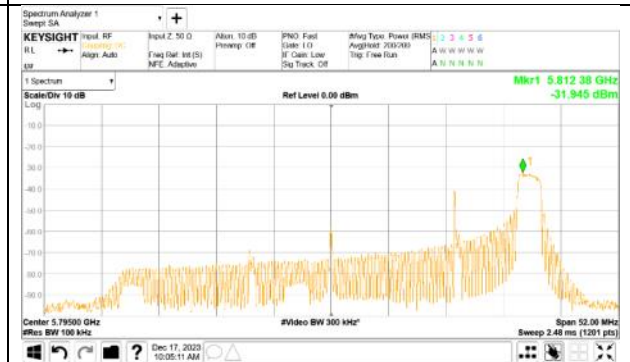
RU Index 8



RU Index 17



RU Index 17



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 12, 2023
Temperature / Humidity 24 deg.C / 40 %RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5190	37	0.10	0.14	0.24	-6.14	8.84	14.98	0.66	0.93	1.59	2.02	17.00	14.98
	40	0.14	0.15	0.30	-5.28	8.84	14.12	0.94	1.00	1.94	2.88	17.00	14.12
	44	0.10	0.14	0.24	-6.16	8.84	15.00	0.68	0.91	1.59	2.00	17.00	15.00
5230	37	0.11	0.15	0.26	-5.91	8.84	14.75	0.70	0.98	1.68	2.25	17.00	14.75
	40	0.13	0.19	0.31	-5.02	8.84	13.86	0.85	1.21	2.06	3.14	17.00	13.86
	44	0.10	0.13	0.23	-6.39	8.84	15.23	0.63	0.87	1.50	1.77	17.00	15.23
5270	37	0.10	0.13	0.24	-6.26	8.84	15.10	0.67	0.88	1.55	1.90	17.00	15.10
	40	0.11	0.15	0.26	-5.80	8.84	14.64	0.73	0.99	1.72	2.36	17.00	14.64
	44	0.09	0.13	0.23	-6.45	8.84	15.29	0.62	0.86	1.48	1.71	17.00	15.29
5310	37	0.09	0.14	0.23	-6.31	8.84	15.15	0.61	0.92	1.53	1.85	17.00	15.15
	40	0.11	0.15	0.26	-5.81	8.84	14.65	0.71	1.00	1.72	2.35	17.00	14.65
	44	0.08	0.13	0.21	-6.81	8.84	15.65	0.54	0.83	1.37	1.35	17.00	15.65

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD	Result
		[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]
5190	37	0.00	0.00	-22.98	3.04	9.98	8.16	-9.95	-1.79	-21.62	3.06	10.09	8.16	-8.47	-0.31
	40	0.00	0.00	-21.45	3.04	9.98	8.16	-8.43	-0.27	-21.30	3.06	10.09	8.16	-8.15	0.01
	44	0.00	0.00	-22.87	3.04	9.98	8.16	-9.84	-1.68	-21.73	3.06	10.09	8.16	-8.58	-0.42
5230	37	0.00	0.00	-22.74	3.06	9.98	8.16	-9.71	-1.55	-21.40	3.06	10.09	8.16	-8.25	-0.09
	40	0.00	0.00	-21.92	3.06	9.98	8.16	-8.89	-0.73	-20.47	3.06	10.09	8.16	-7.32	0.84
	44	0.00	0.00	-23.18	3.06	9.98	8.16	-10.14	-1.98	-21.92	3.06	10.09	8.16	-8.77	-0.61
5270	37	0.00	0.00	-22.97	3.07	9.98	8.16	-9.92	-1.76	-21.88	3.09	10.09	8.16	-8.71	-0.55
	40	0.00	0.00	-22.59	3.07	9.98	8.16	-9.54	-1.38	-21.36	3.09	10.09	8.16	-8.19	-0.03
	44	0.00	0.00	-23.29	3.07	9.98	8.16	-10.24	-2.08	-21.98	3.09	10.09	8.16	-8.81	-0.65
5310	37	0.00	0.00	-23.36	3.08	9.98	8.16	-10.30	-2.14	-21.70	3.09	10.09	8.16	-8.52	-0.36
	40	0.00	0.00	-22.68	3.08	9.98	8.16	-9.62	-1.46	-21.32	3.09	10.09	8.16	-8.14	0.02
	44	0.00	0.00	-23.89	3.08	9.98	8.16	-10.83	-2.67	-22.17	3.09	10.09	8.16	-8.99	-0.83

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log$ (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 13, 2023 December 17, 2023
Temperature / Humidity 24 deg.C / 38 %RH 24 deg. C / 30 % RH
Engineer Miku Ikudome Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5510	37	0.17	0.23	0.40	-3.97	10.45	14.42	0.76	1.06	1.81	2.58	17.00	14.42
	40	0.21	0.28	0.49	-3.09	10.45	13.54	0.95	1.27	2.22	3.46	17.00	13.54
	44	0.17	0.23	0.40	-3.96	10.45	14.41	0.76	1.05	1.81	2.59	17.00	14.41
5550	37	0.21	0.24	0.45	-3.45	10.45	13.90	0.95	1.09	2.04	3.10	17.00	13.90
	40	0.24	0.28	0.52	-2.87	10.45	13.32	1.07	1.26	2.33	3.68	17.00	13.32
	44	0.19	0.23	0.43	-3.71	10.45	14.16	0.88	1.05	1.92	2.84	17.00	14.16
5670	37	0.20	0.22	0.42	-3.73	10.45	14.18	0.91	1.00	1.91	2.82	17.00	14.18
	40	0.22	0.26	0.48	-3.17	10.45	13.62	0.98	1.19	2.18	3.38	17.00	13.62
	44	0.17	0.23	0.40	-3.98	10.45	14.43	0.79	1.02	1.81	2.57	17.00	14.43
5755	37	0.05	0.07	0.13	-9.01	29.93	38.94	0.22	0.29	0.51	-2.94	36.00	38.94
	40	0.05	0.07	0.12	-9.17	29.93	39.10	0.21	0.28	0.49	-3.10	36.00	39.10
	44	0.05	0.06	0.11	-9.57	29.93	39.50	0.20	0.24	0.45	-3.50	36.00	39.50
5795	37	0.04	0.07	0.11	-9.58	29.93	39.51	0.17	0.27	0.45	-3.51	36.00	39.51
	40	0.06	0.07	0.13	-8.92	29.93	38.85	0.23	0.29	0.52	-2.85	36.00	38.85
	44	0.04	0.07	0.11	-9.67	29.93	39.60	0.16	0.28	0.44	-3.60	36.00	39.60

Tested Frequency [MHz]	RU Index	ANT0								ANT1							
		Duty Factor	RBW Correction 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]		
5510	37	0.00	0.00	-20.88	3.14	9.98	6.55	-7.76	-1.21	-19.56	3.16	10.09	6.55	-6.31	0.24		
	40	0.00	0.00	-19.90	3.14	9.98	6.55	-6.78	-0.23	-18.77	3.16	10.09	6.55	-5.52	1.03		
	44	0.00	0.00	-20.86	3.14	9.98	6.55	-7.74	-1.19	-19.57	3.16	10.09	6.55	-6.33	0.22		
5550	37	0.00	0.00	-19.89	3.15	9.98	6.55	-6.76	-0.21	-19.44	3.17	10.09	6.55	-6.18	0.37		
	40	0.00	0.00	-19.39	3.15	9.98	6.55	-6.26	0.29	-18.80	3.17	10.09	6.55	-5.54	1.01		
	44	0.00	0.00	-20.24	3.15	9.98	6.55	-7.11	-0.56	-19.62	3.17	10.09	6.55	-6.35	0.20		
5670	37	0.00	0.00	-20.10	3.18	9.98	6.55	-6.94	-0.39	-19.85	3.20	10.09	6.55	-6.55	0.00		
	40	0.00	0.00	-19.78	3.18	9.98	6.55	-6.62	-0.07	-19.09	3.20	10.09	6.55	-5.79	0.76		
	44	0.00	0.00	-20.76	3.18	9.98	6.55	-7.60	-1.05	-19.75	3.20	10.09	6.55	-6.45	0.10		
5755	37	0.00	6.99	-32.92	3.21	9.98	6.07	-12.75	-6.68	-31.72	3.23	10.09	6.07	-11.41	-5.34		
	40	0.00	6.99	-32.95	3.21	9.98	6.07	-12.77	-6.70	-31.97	3.23	10.09	6.07	-11.66	-5.59		
	44	0.00	6.99	-33.20	3.21	9.98	6.07	-13.02	-6.95	-32.49	3.23	10.09	6.07	-12.18	-6.11		
5795	37	0.00	6.99	-33.85	3.22	9.98	6.07	-13.66	-7.59	-32.06	3.24	10.10	6.07	-11.74	-5.67		
	40	0.00	6.99	-32.74	3.22	9.98	6.07	-12.55	-6.48	-31.72	3.24	10.10	6.07	-11.39	-5.32		
	44	0.00	6.99	-34.22	3.22	9.98	6.07	-14.03	-7.96	-31.98	3.24	10.10	6.07	-11.65	-5.58		

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

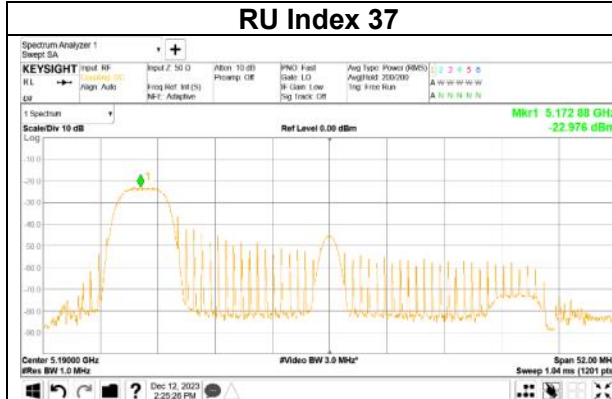
* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5190 MHz

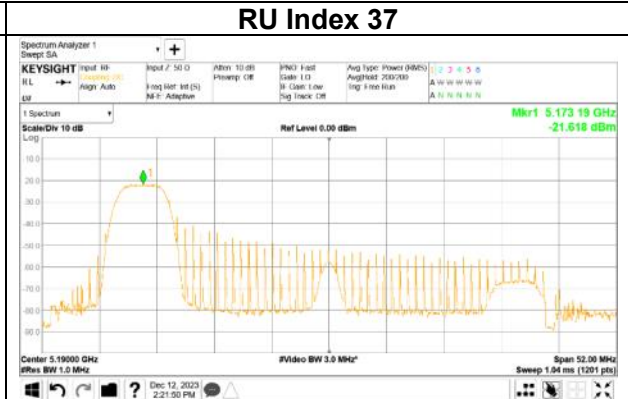
ANT0

RU Index 37

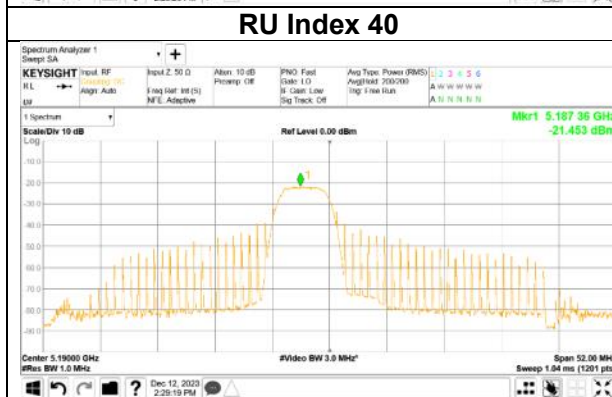


ANT1

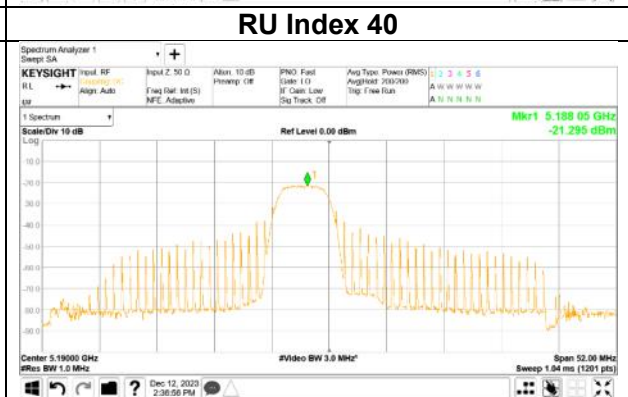
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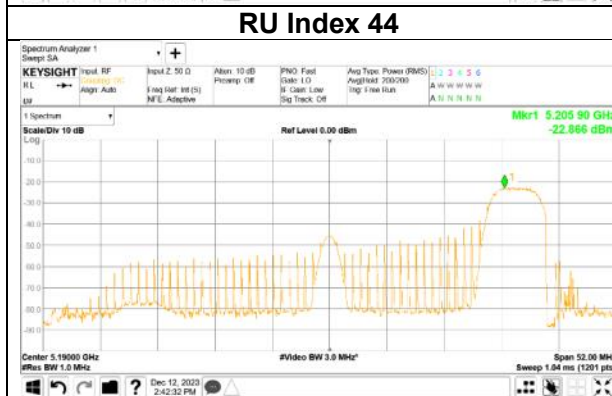
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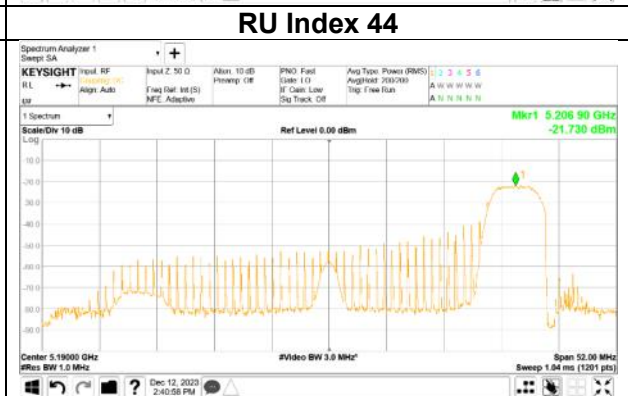
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RU Index 44



RU Index 44

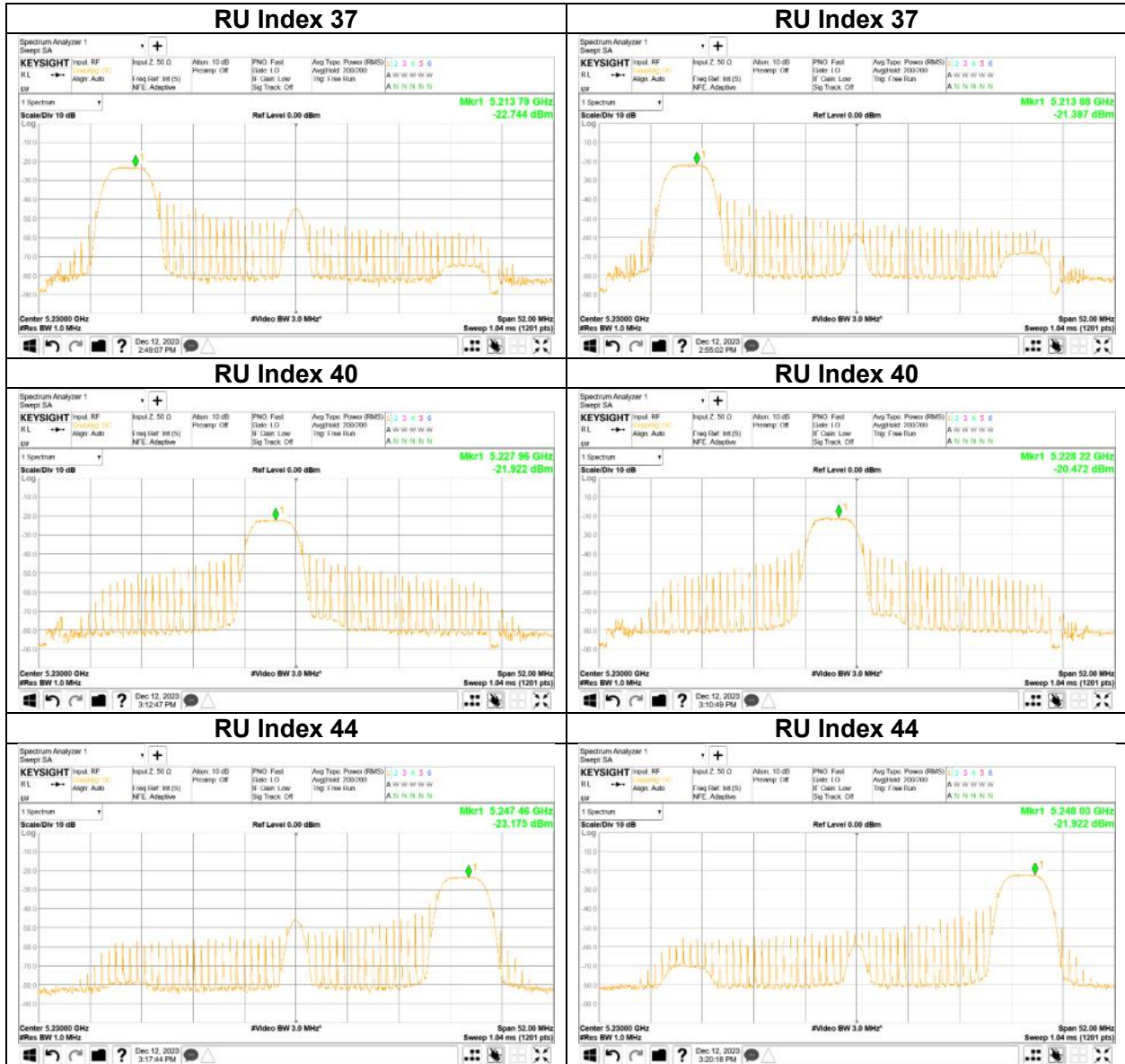


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5230 MHz

ANT0

ANT1

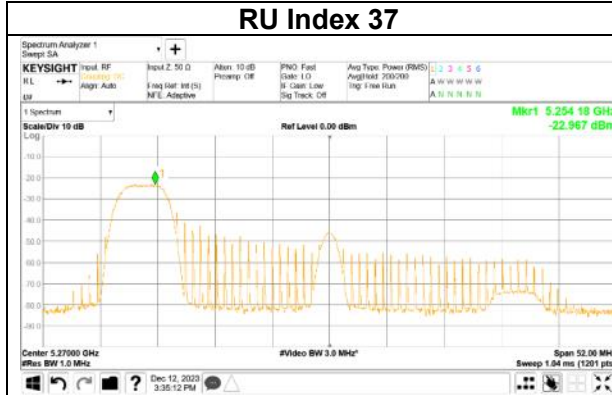


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5270 MHz

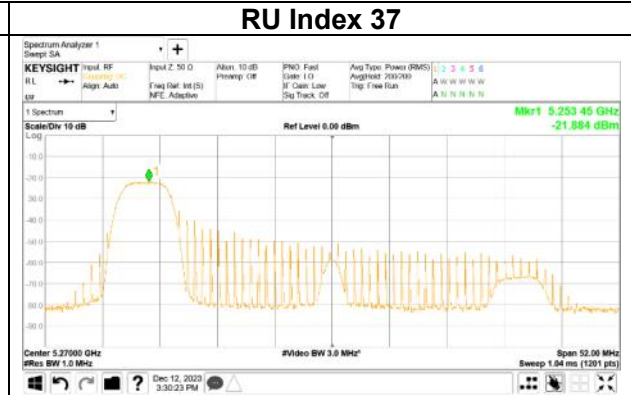
ANT0

RU Index 37

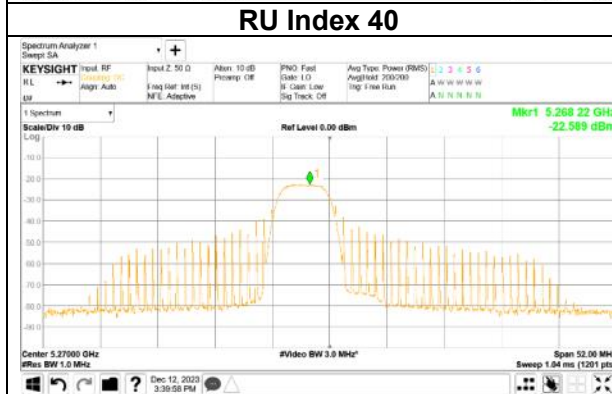


ANT1

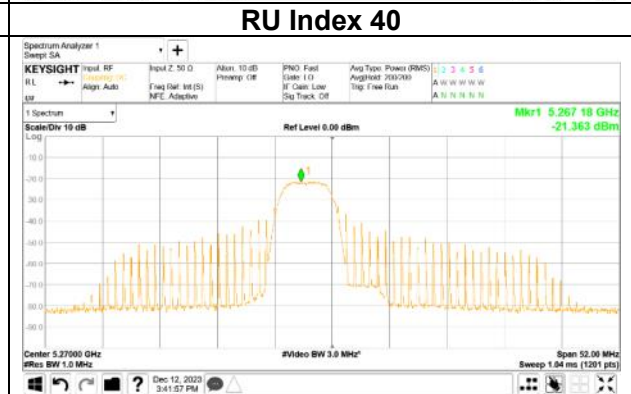
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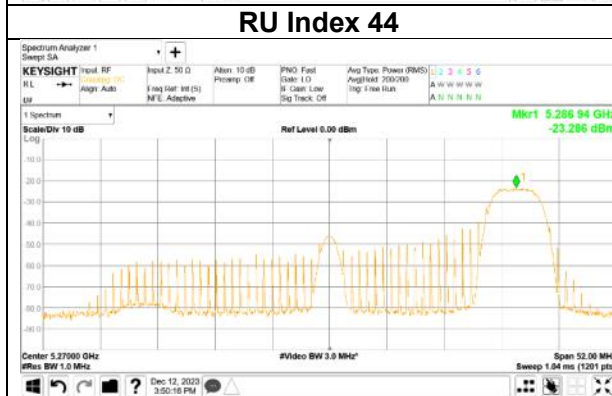
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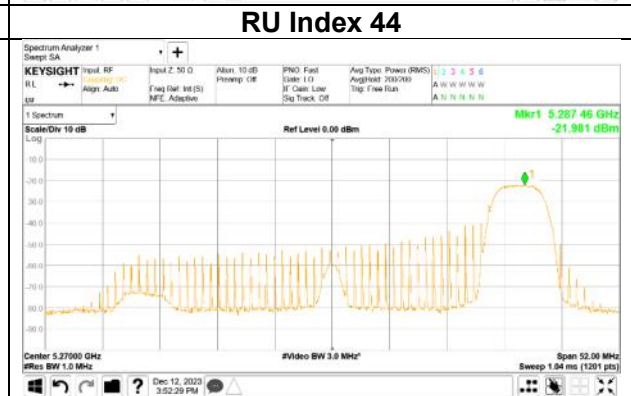
RU Index 40



RU Index 44



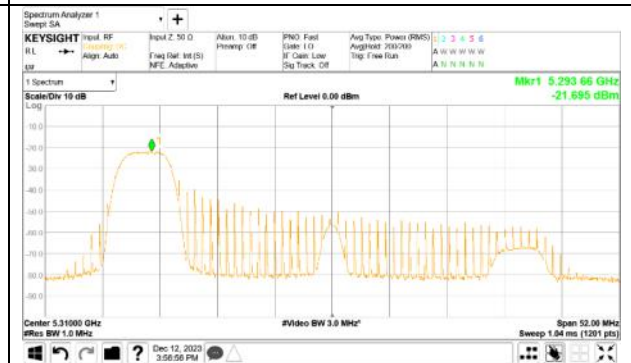
RU Index 44



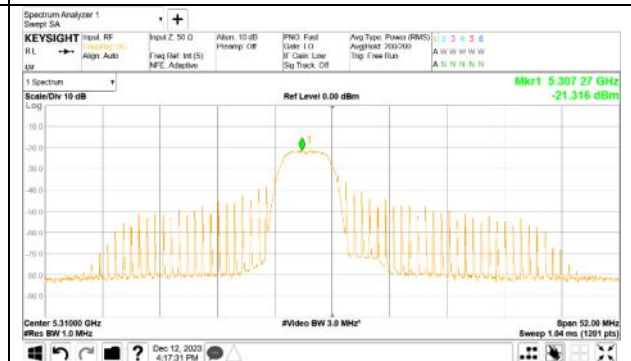
**11ax-40 (OFDMA)
52-tone RU 5310 MHz**

ANT1

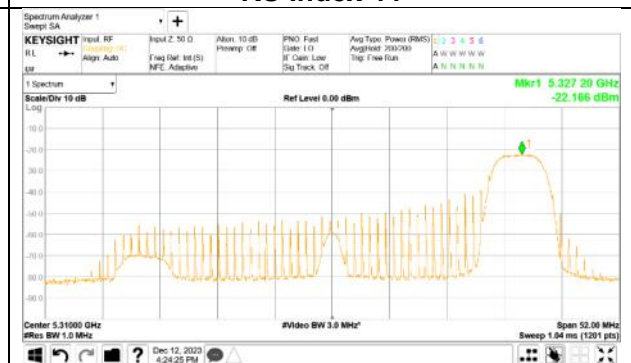
RU Index 37



RU Index 40



RU Index 44

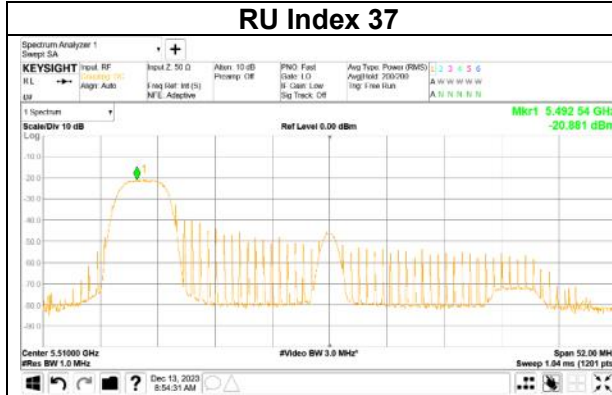


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5510 MHz

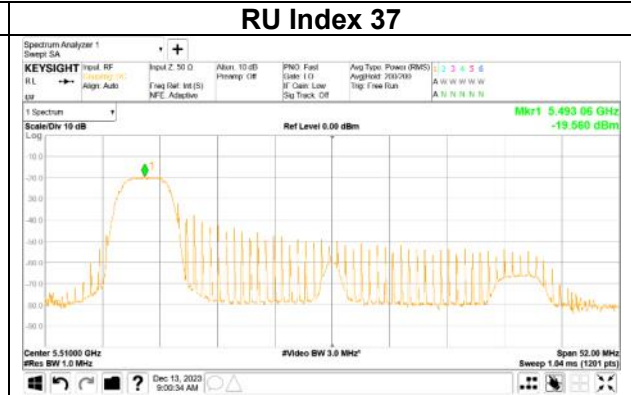
ANT0

RU Index 37

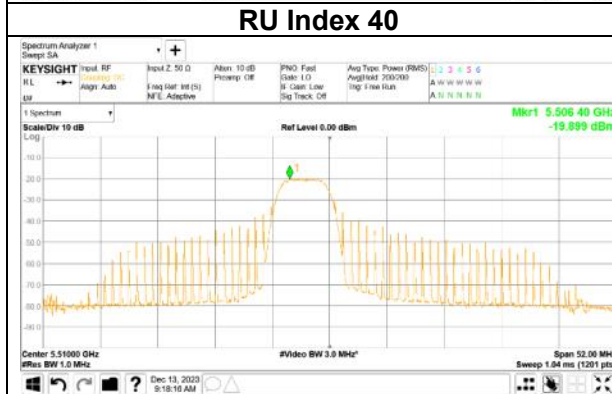


ANT1

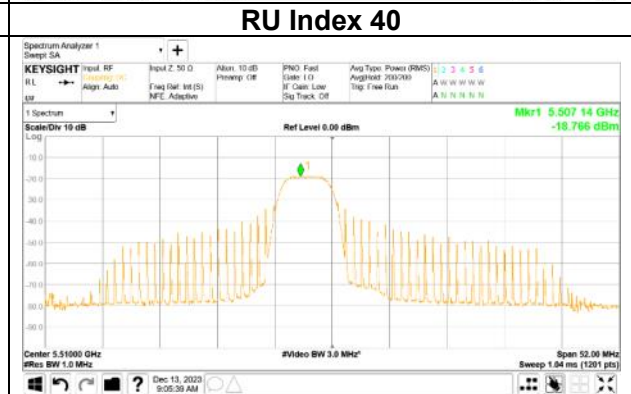
RU Index 37



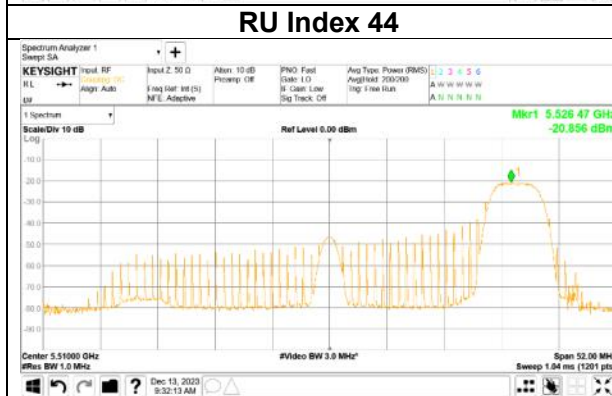
RU Index 40



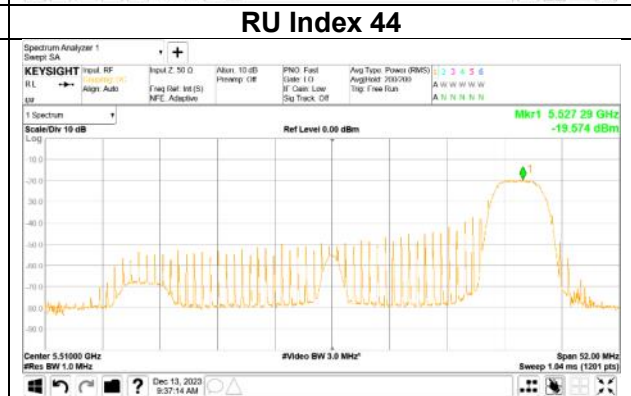
RU Index 40



RU Index 44



RU Index 44

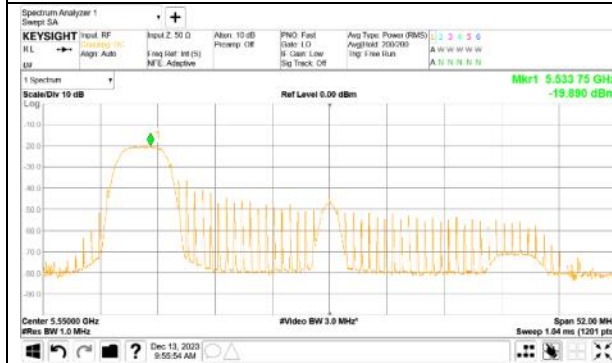


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5550 MHz

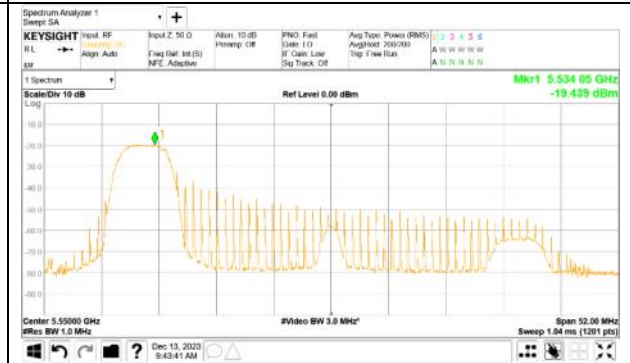
ANT0

RU Index 37

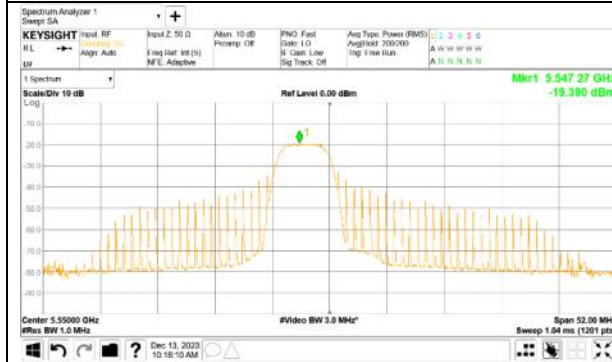


ANT1

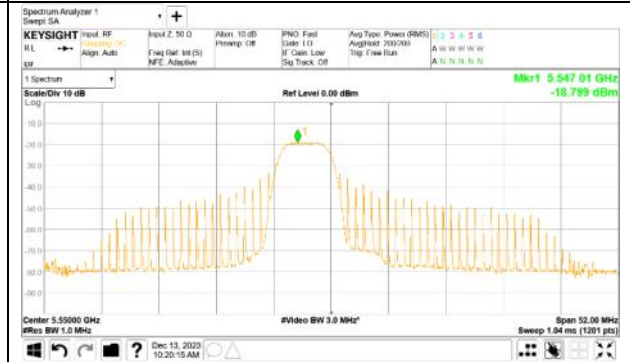
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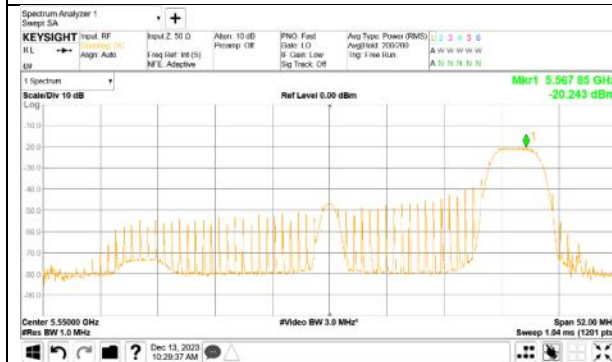
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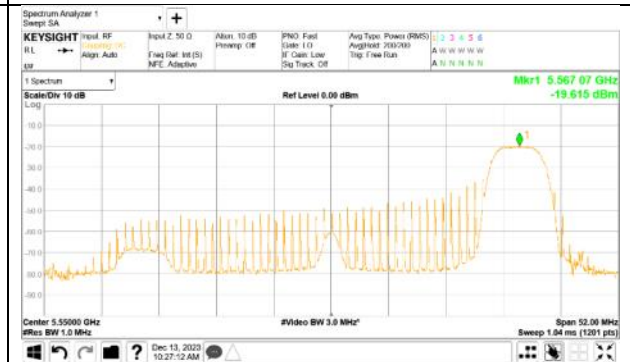
RU Index 40



RU Index 44



RU Index 44

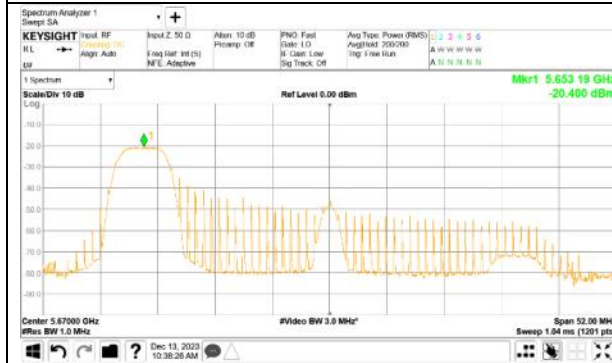


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5670 MHz

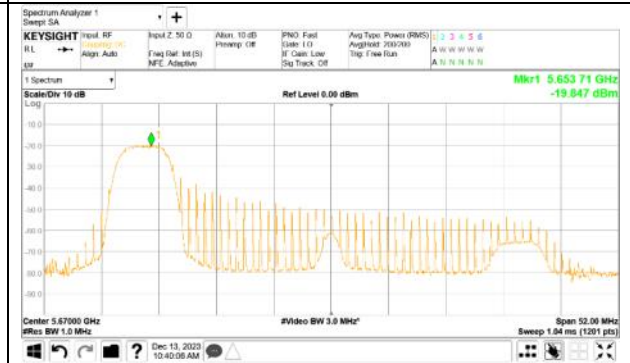
ANT0

RU Index 37

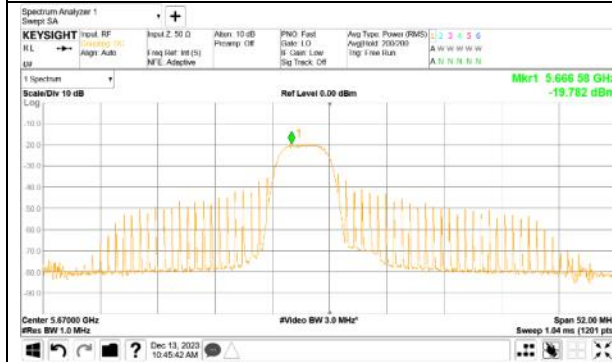


ANT1

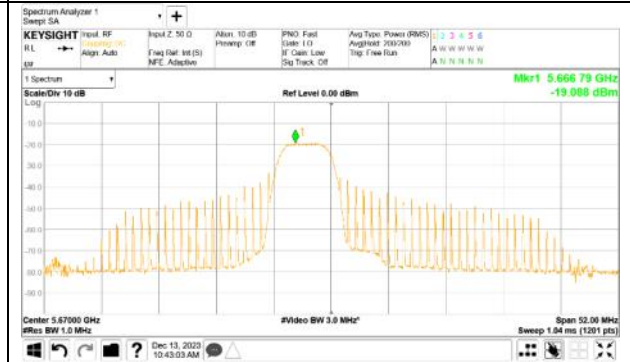
RU Index 37



RU Index 40



RU Index 40



RU Index 44



RU Index 44

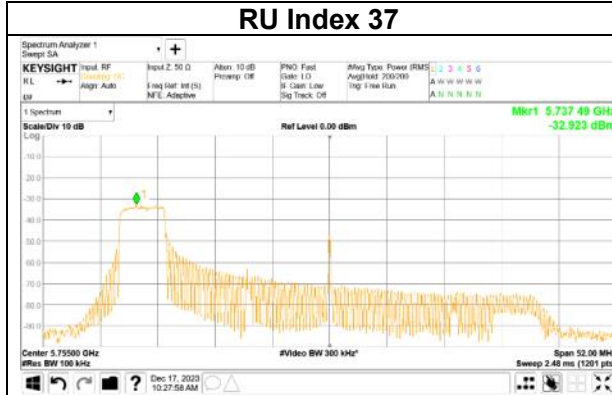


Maximum Power Spectral Density

11ax-40 (OFDMA)
52-tone RU 5755 MHz

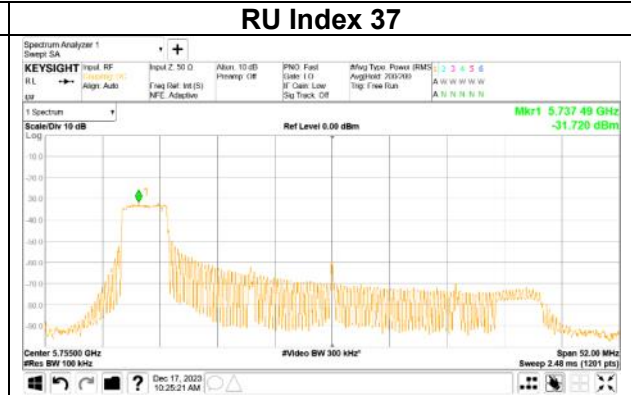
ANT0

RU Index 37

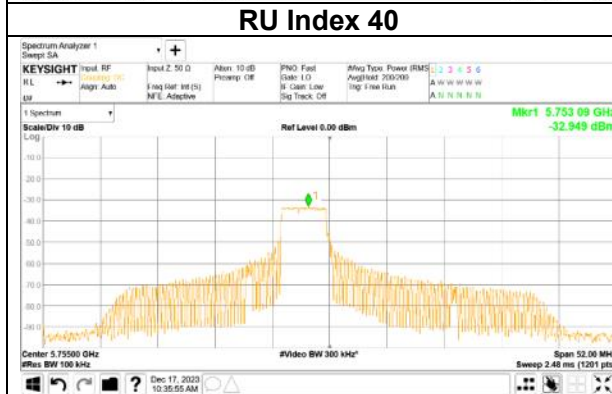


ANT1

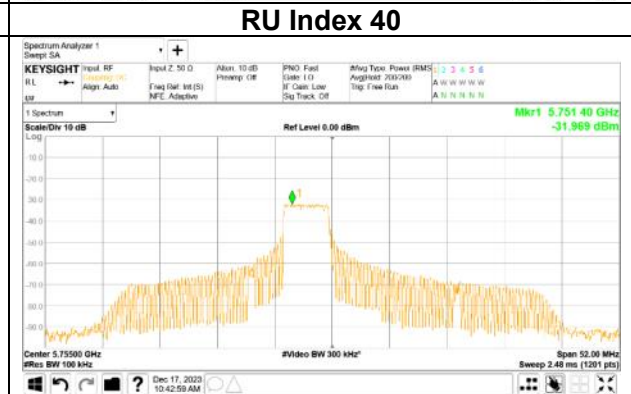
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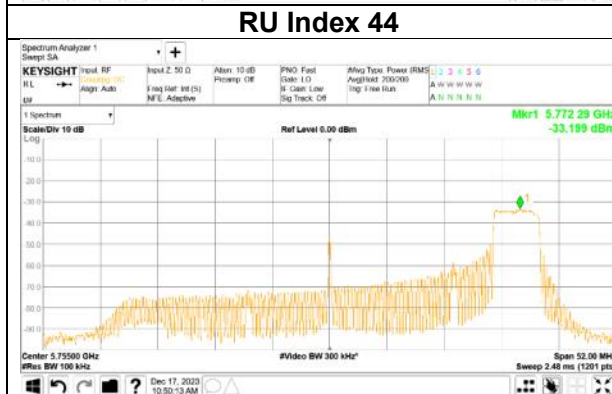
RU Index 40



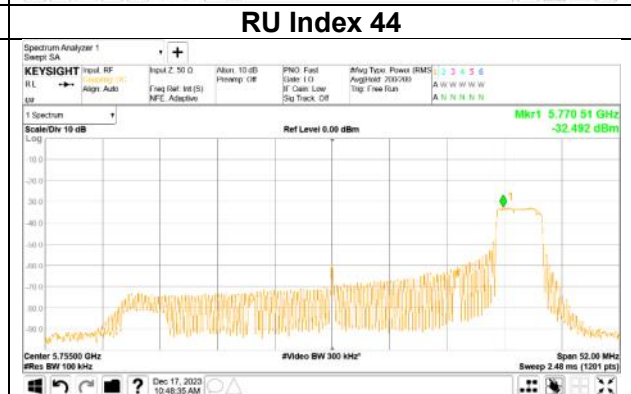
RU Index 40



RU Index 44



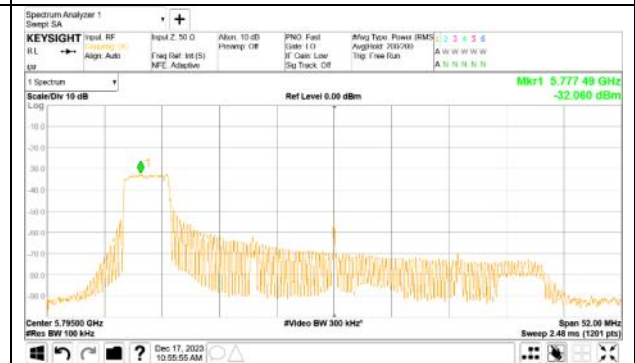
RU Index 44



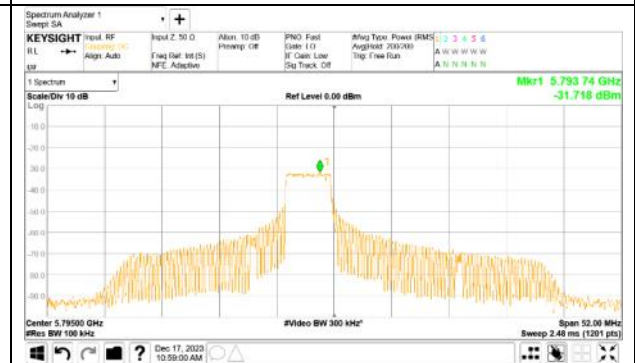
**11ax-40 (OFDMA)
52-tone RU 5795 MHz**

ANT1

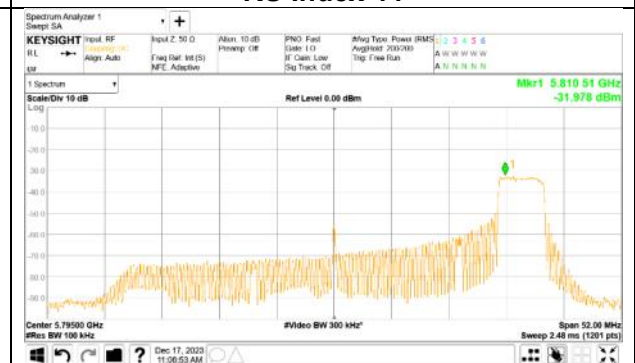
RU Index 37



RU Index 40



RU Index 44



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 13, 2023
Temperature / Humidity 23 deg.C / 38 %RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 106 -tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5190	53	0.11	0.15	0.26	-5.82	8.84	14.66	0.71	1.00	1.71	2.34	17.00	14.66
	54	0.12	0.16	0.28	-5.53	8.84	14.37	0.77	1.06	1.83	2.63	17.00	14.37
	56	0.11	0.15	0.26	-5.92	8.84	14.76	0.69	0.98	1.68	2.24	17.00	14.76
5230	53	0.11	0.14	0.25	-6.02	8.84	14.86	0.70	0.94	1.64	2.14	17.00	14.86
	54	0.12	0.17	0.29	-5.33	8.84	14.17	0.79	1.13	1.92	2.83	17.00	14.17
	56	0.11	0.15	0.26	-5.86	8.84	14.70	0.75	0.95	1.70	2.30	17.00	14.70
5270	53	0.09	0.16	0.25	-6.02	8.84	14.86	0.60	1.03	1.64	2.14	17.00	14.86
	54	0.11	0.16	0.27	-5.71	8.84	14.55	0.70	1.06	1.76	2.45	17.00	14.55
	56	0.10	0.14	0.24	-6.25	8.84	15.09	0.66	0.89	1.55	1.91	17.00	15.09
5310	53	0.09	0.13	0.22	-6.56	8.84	15.40	0.58	0.86	1.45	1.60	17.00	15.40
	54	0.10	0.15	0.25	-6.04	8.84	14.88	0.67	0.96	1.63	2.12	17.00	14.88
	56	0.11	0.13	0.23	-6.34	8.84	15.18	0.69	0.83	1.52	1.82	17.00	15.18

				ANT0				ANT1							
Tested Frequency	RU Index	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD	Cable	Atten.	Antenna	PSD Result	
								Cond.	e.i.r.p.	Reading	Loss	Loss	Gain	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	0.00	0.00	-22.66	3.04	9.98	8.16	-9.64	-1.48	-21.30	3.06	10.09	8.16	-8.15	0.01
	54	0.00	0.00	-22.30	3.04	9.98	8.16	-9.28	-1.12	-21.06	3.06	10.09	8.16	-7.91	0.25
	56	0.00	0.00	-22.76	3.04	9.98	8.16	-9.74	-1.58	-21.39	3.06	10.09	8.16	-8.24	-0.08
5230	53	0.00	0.00	-22.76	3.06	9.98	8.16	-9.72	-1.56	-21.59	3.06	10.09	8.16	-8.44	-0.28
	54	0.00	0.00	-22.20	3.06	9.98	8.16	-9.17	-1.01	-20.79	3.06	10.09	8.16	-7.64	0.52
	56	0.00	0.00	-22.45	3.06	9.98	8.16	-9.41	-1.25	-21.53	3.06	10.09	8.16	-8.38	-0.22
5270	53	0.00	0.00	-23.40	3.07	9.98	8.16	-10.36	-2.20	-21.19	3.09	10.09	8.16	-8.01	0.15
	54	0.00	0.00	-22.75	3.07	9.98	8.16	-9.70	-1.54	-21.09	3.09	10.09	8.16	-7.91	0.25
	56	0.00	0.00	-23.00	3.07	9.98	8.16	-9.96	-1.80	-21.83	3.09	10.09	8.16	-8.66	-0.50
5310	53	0.00	0.00	-23.56	3.08	9.98	8.16	-10.50	-2.34	-21.98	3.09	10.09	8.16	-8.80	-0.64
	54	0.00	0.00	-22.97	3.08	9.98	8.16	-9.92	-1.76	-21.51	3.09	10.09	8.16	-8.33	-0.17
	56	0.00	0.00	-22.84	3.08	9.98	8.16	-9.78	-1.62	-22.13	3.09	10.09	8.16	-8.95	-0.79

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log$ (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.)[dBm/MHz] = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 14, 2023
Temperature / Humidity 24 deg.C / 30 %RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 106 -tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5510	53	0.16	0.23	0.39	-4.05	10.45	14.50	0.74	1.04	1.78	2.50	17.00	14.50
	54	0.21	0.28	0.49	-3.09	10.45	13.54	0.97	1.25	2.22	3.46	17.00	13.54
	56	0.18	0.25	0.44	-3.58	10.45	14.03	0.83	1.15	1.98	2.97	17.00	14.03
5550	53	0.22	0.27	0.49	-3.12	10.45	13.57	0.99	1.22	2.20	3.43	17.00	13.57
	54	0.24	0.28	0.52	-2.81	10.45	13.26	1.10	1.27	2.37	3.74	17.00	13.26
	56	0.20	0.25	0.45	-3.43	10.45	13.88	0.91	1.14	2.05	3.12	17.00	13.88
5670	53	0.20	0.27	0.47	-3.31	10.45	13.76	0.91	1.20	2.11	3.24	17.00	13.76
	54	0.21	0.28	0.49	-3.07	10.45	13.52	0.96	1.27	2.23	3.48	17.00	13.52
	56	0.19	0.24	0.43	-3.70	10.45	14.15	0.85	1.08	1.93	2.85	17.00	14.15
5755	53	0.05	0.06	0.11	-9.40	29.93	39.33	0.20	0.26	0.46	-3.33	36.00	39.33
	54	0.06	0.07	0.13	-8.87	29.93	38.80	0.25	0.28	0.52	-2.80	36.00	38.80
	56	0.05	0.06	0.11	-9.67	29.93	39.60	0.20	0.24	0.44	-3.60	36.00	39.60
5795	53	0.04	0.07	0.11	-9.61	29.93	39.54	0.18	0.26	0.44	-3.54	36.00	39.54
	54	0.05	0.08	0.13	-8.85	29.93	38.78	0.20	0.33	0.53	-2.78	36.00	38.78
	56	0.05	0.06	0.12	-9.35	29.93	39.28	0.21	0.26	0.47	-3.28	36.00	39.28

Tested Frequency [MHz]	RU Index	ANT0								ANT1							
		Duty Factor	RBW Correction 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]		
5510	53	0.00	0.00	-21.00	3.14	9.98	6.55	-7.89	-1.34	-19.62	3.16	10.09	6.55	-6.37	0.18		
	54	0.00	0.00	-19.82	3.14	9.98	6.55	-6.70	-0.15	-18.81	3.16	10.09	6.55	-5.56	0.99		
	56	0.00	0.00	-20.47	3.14	9.98	6.55	-7.35	-0.80	-19.19	3.16	10.09	6.55	-5.94	0.61		
5550	53	0.00	0.00	-19.73	3.15	9.98	6.55	-6.60	-0.05	-18.96	3.17	10.09	6.55	-5.70	0.85		
	54	0.00	0.00	-19.28	3.15	9.98	6.55	-6.15	0.40	-18.77	3.17	10.09	6.55	-5.51	1.04		
	56	0.00	0.00	-20.11	3.15	9.98	6.55	-6.98	-0.43	-19.23	3.17	10.09	6.55	-5.96	0.59		
5670	53	0.00	0.00	-20.13	3.18	9.98	6.55	-6.97	-0.42	-19.04	3.20	10.09	6.55	-5.75	0.80		
	54	0.00	0.00	-19.88	3.18	9.98	6.55	-6.72	-0.17	-18.82	3.20	10.09	6.55	-5.53	1.02		
	56	0.00	0.00	-20.43	3.18	9.98	6.55	-7.26	-0.71	-19.52	3.20	10.09	6.55	-6.22	0.33		
5755	53	0.00	6.99	-33.19	3.21	9.98	6.07	-13.01	-6.94	-32.20	3.23	10.09	6.07	-11.89	-5.82		
	54	0.00	6.99	-32.33	3.21	9.98	6.07	-12.15	-6.08	-31.94	3.23	10.09	6.07	-11.63	-5.56		
	56	0.00	6.99	-33.33	3.21	9.98	6.07	-13.15	-7.08	-32.56	3.23	10.09	6.07	-12.25	-6.18		
5795	53	0.00	6.99	-33.73	3.22	9.98	6.07	-13.54	-7.47	-32.18	3.24	10.10	6.07	-11.86	-5.79		
	54	0.00	6.99	-33.35	3.22	9.98	6.07	-13.16	-7.09	-31.18	3.24	10.10	6.07	-10.86	-4.79		
	56	0.00	6.99	-33.02	3.22	9.98	6.07	-12.83	-6.76	-32.26	3.24	10.10	6.07	-11.94	-5.87		

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

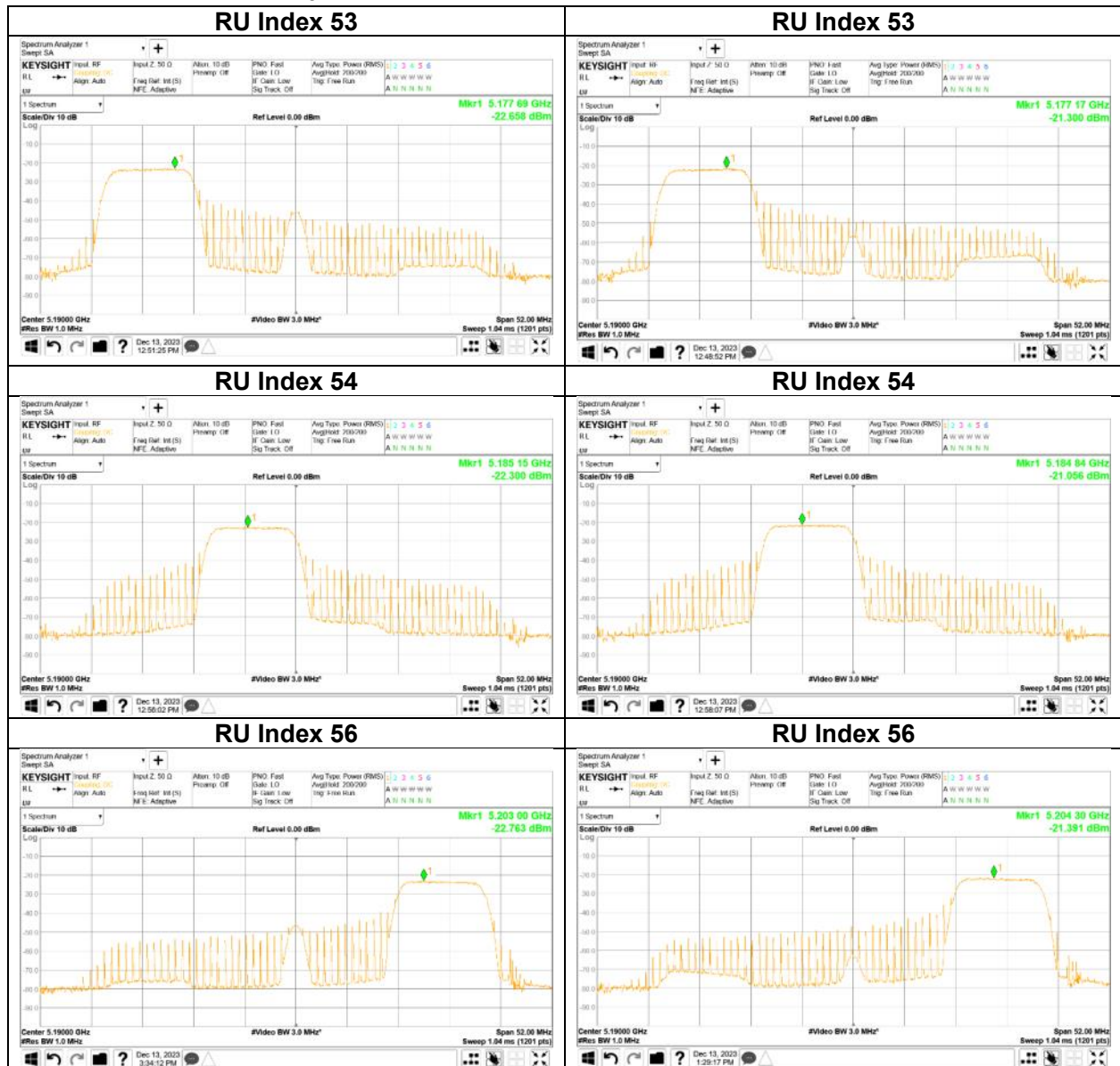
* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5190 MHz

ANT0

ANT1

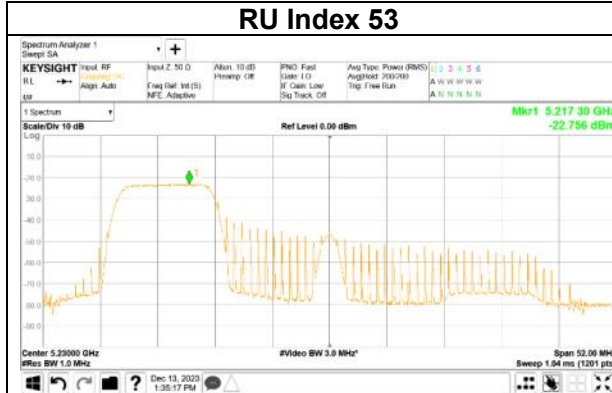


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5230 MHz

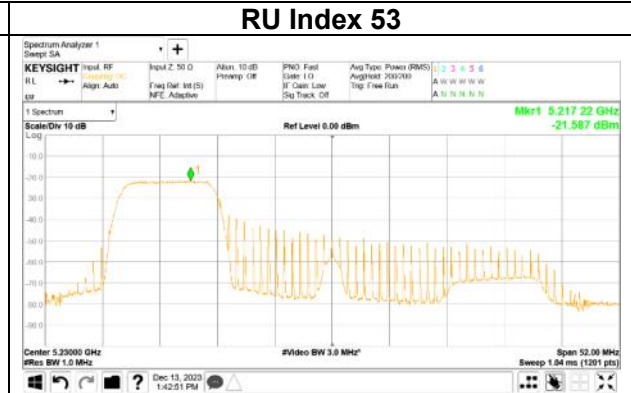
ANT0

RU Index 53

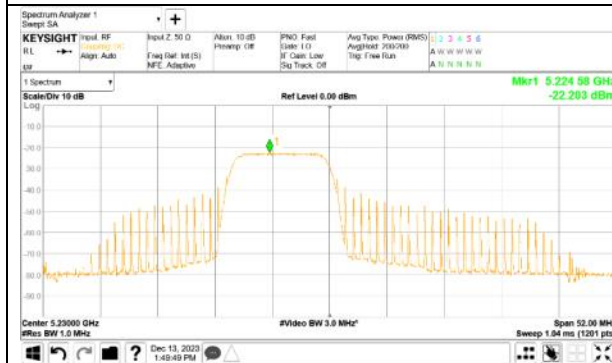


ANT1

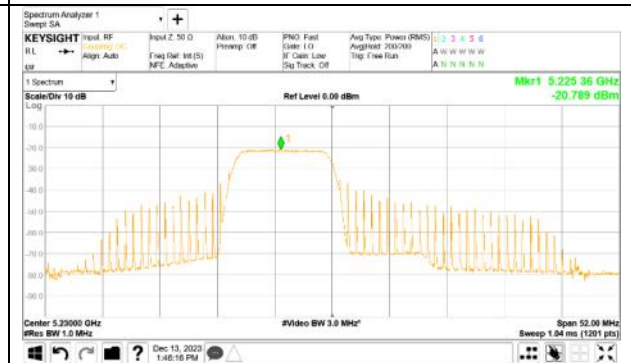
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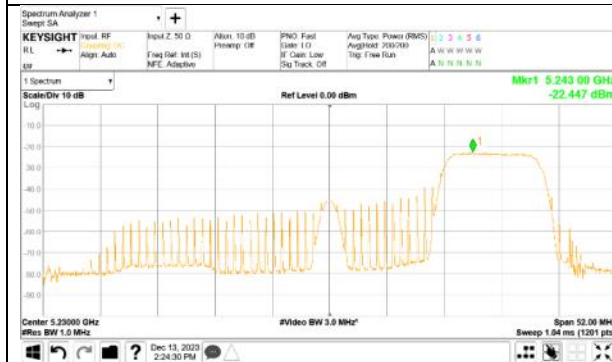
RU Index 54



RU Index 54



RU Index 56



RU Index 56

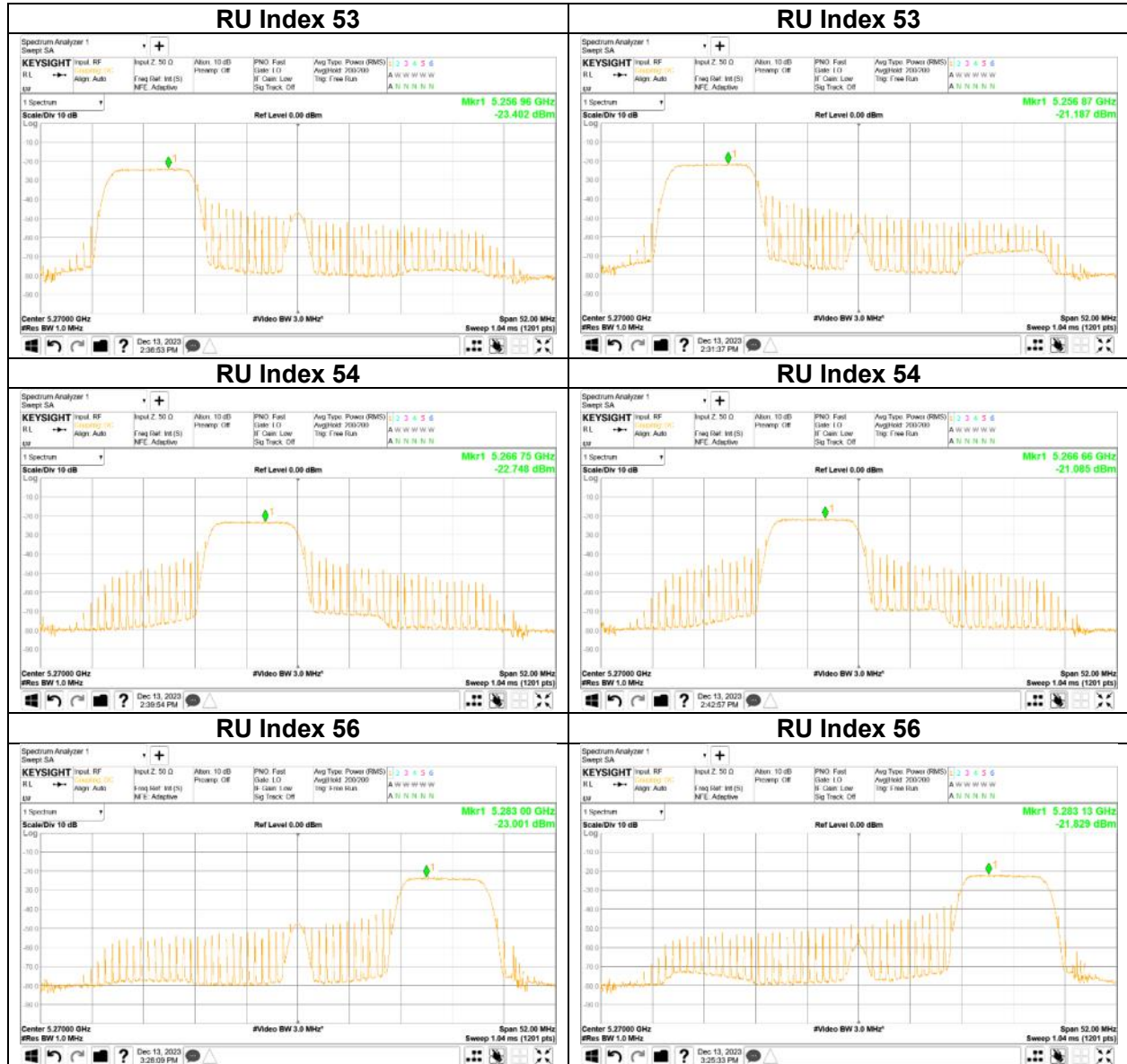


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5270 MHz

ANT0

ANT1

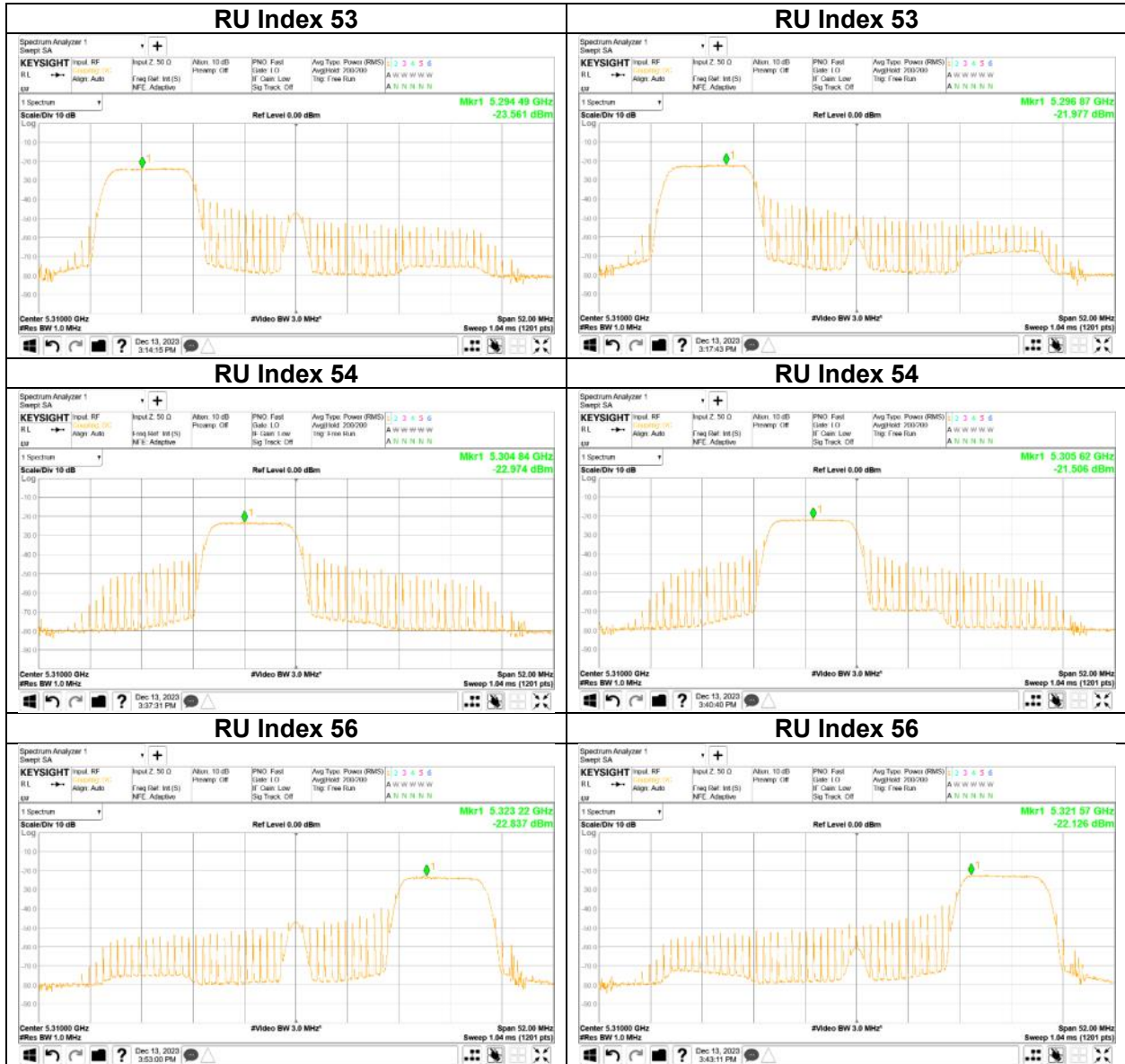


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5310 MHz

ANT0

ANT1

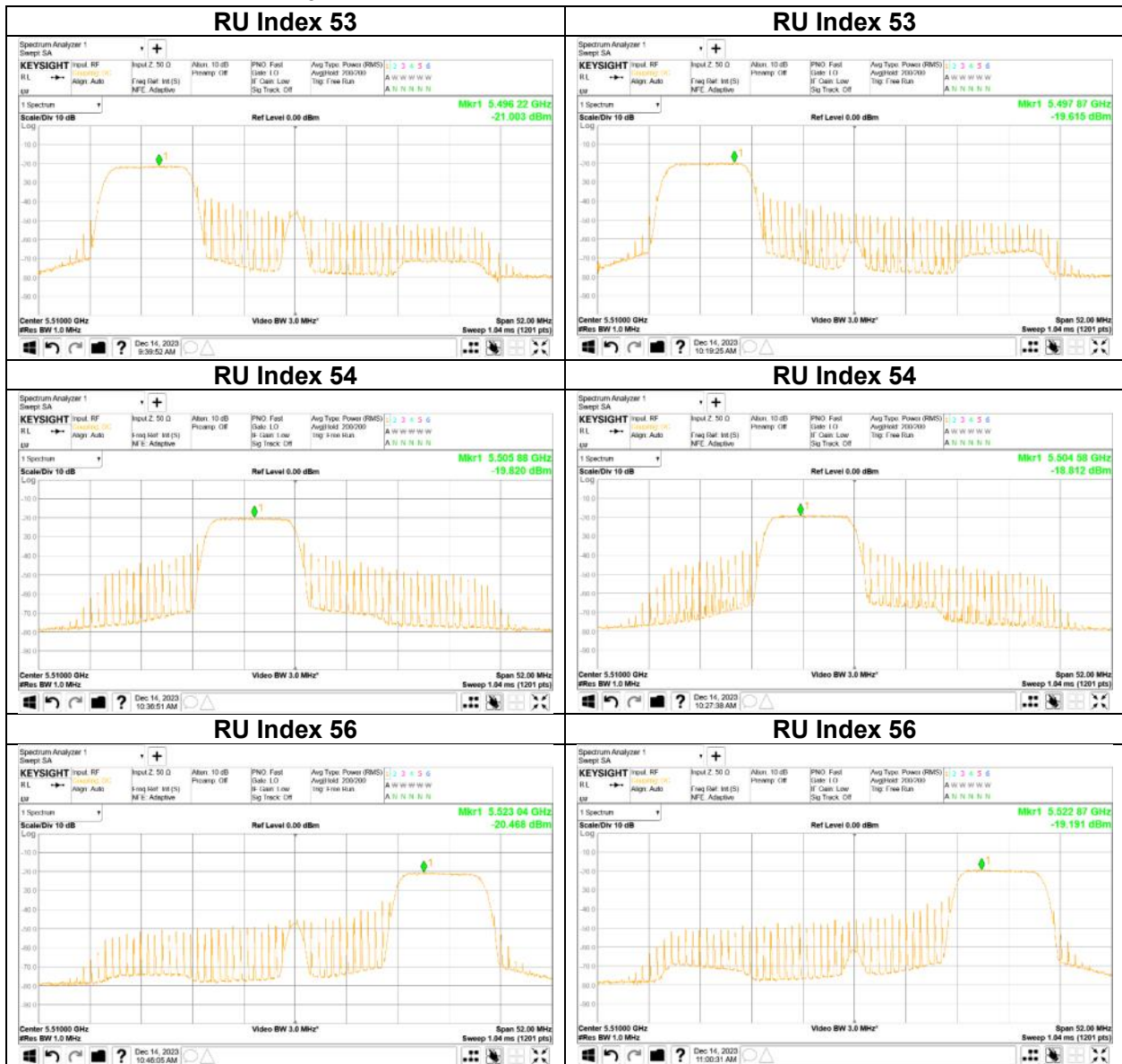


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5510 MHz

ANT0

ANT1

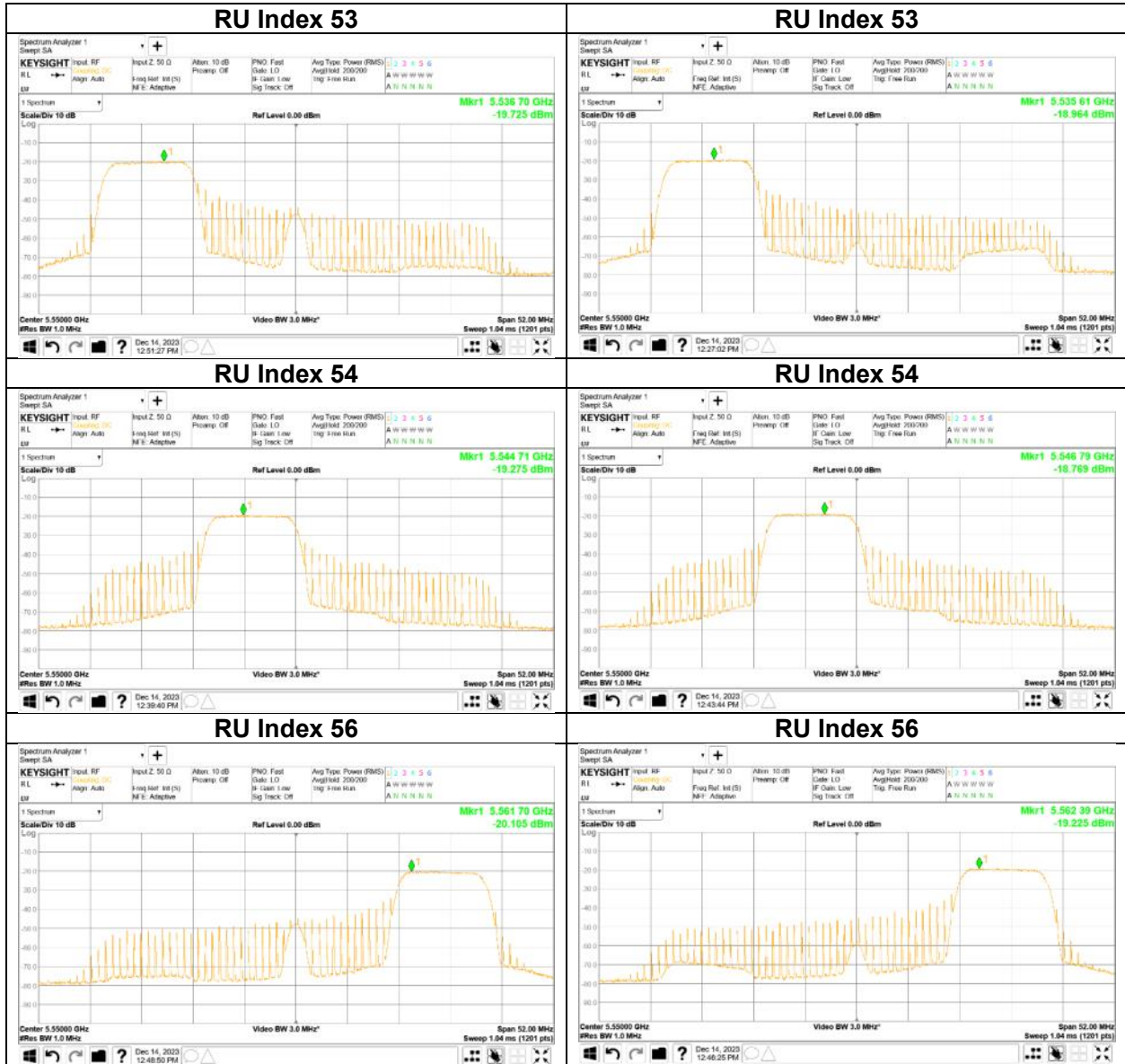


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5550 MHz

ANT0

ANT1

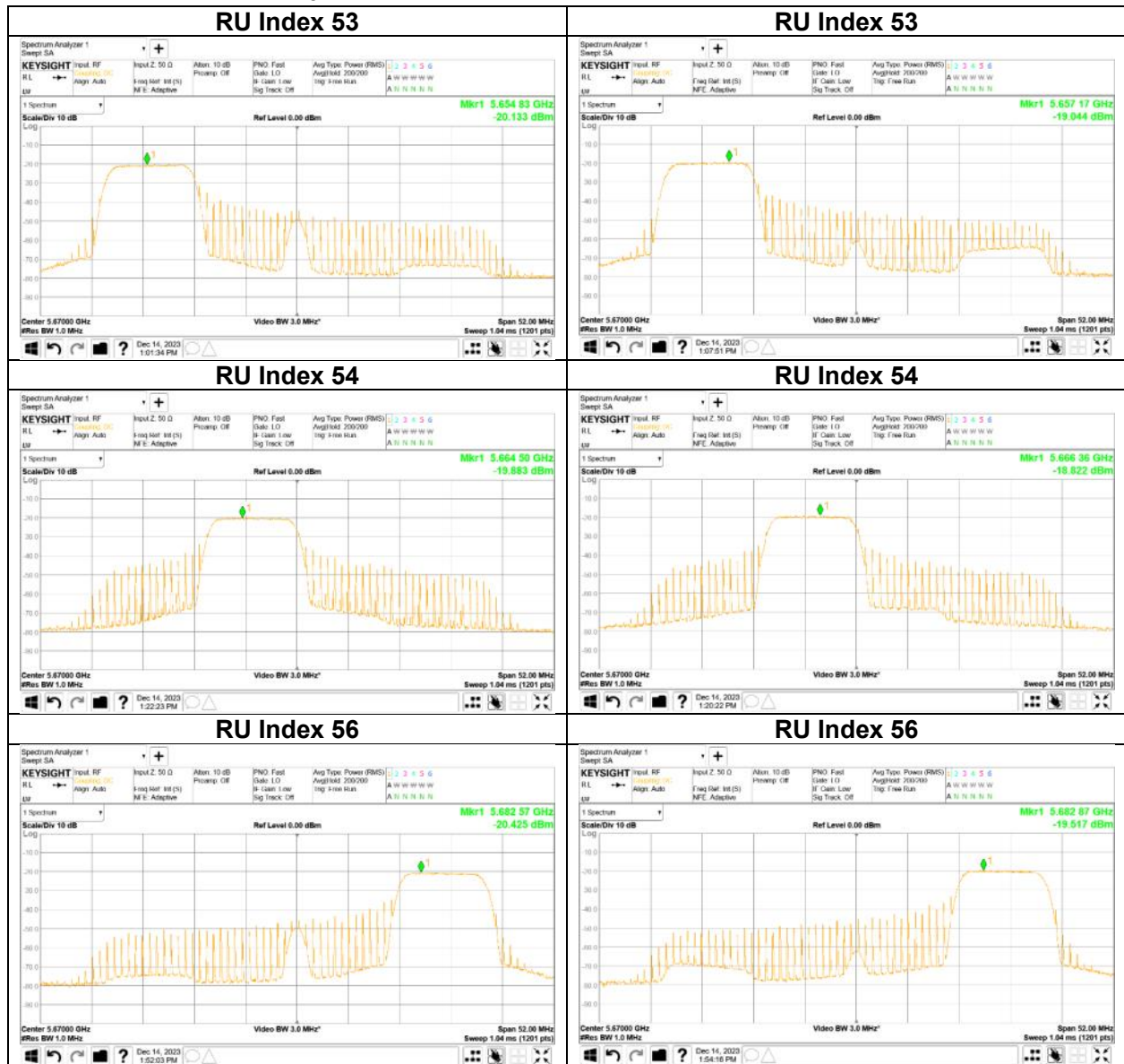


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5670 MHz

ANT0

ANT1

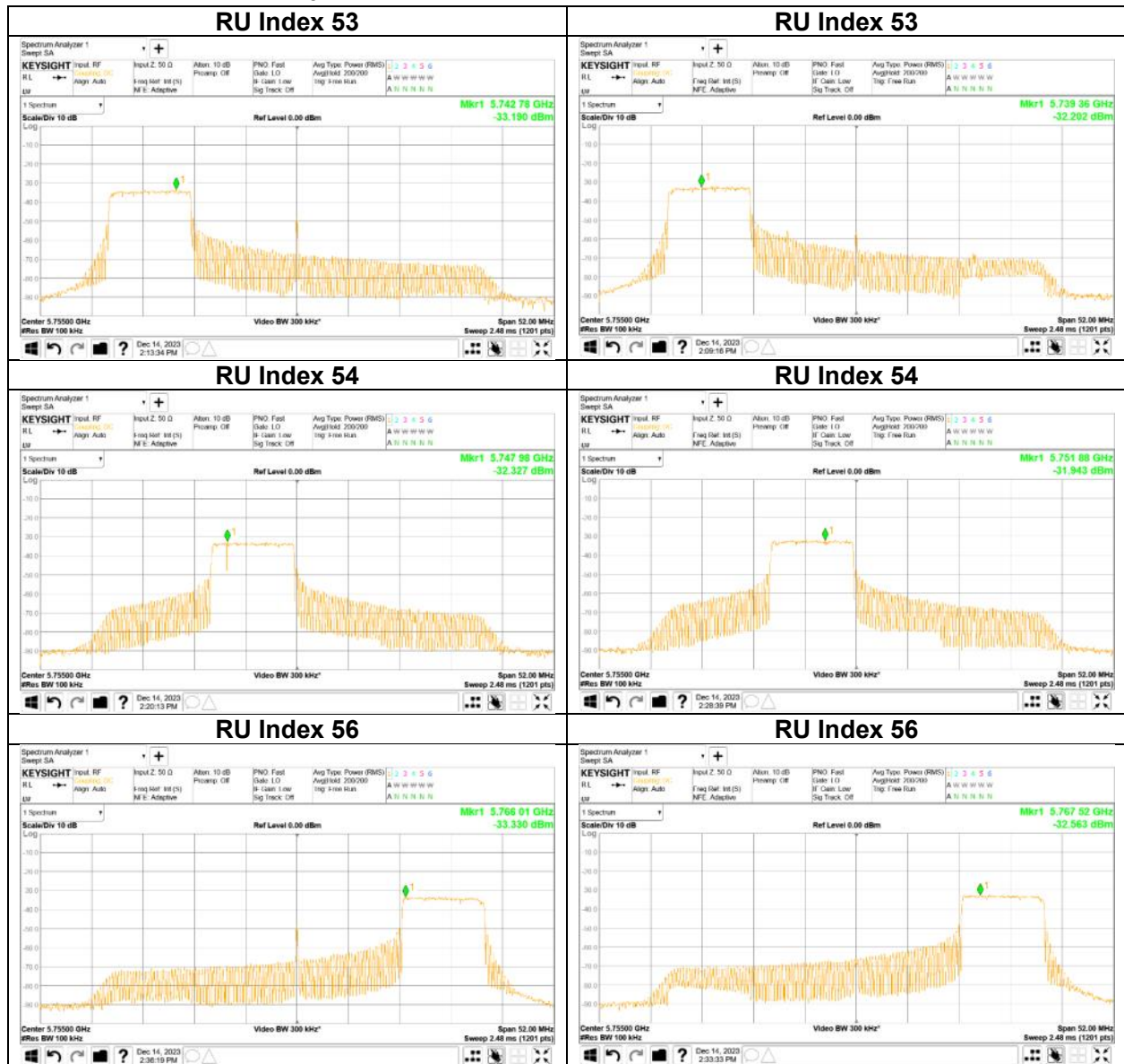


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5755 MHz

ANT0

ANT1

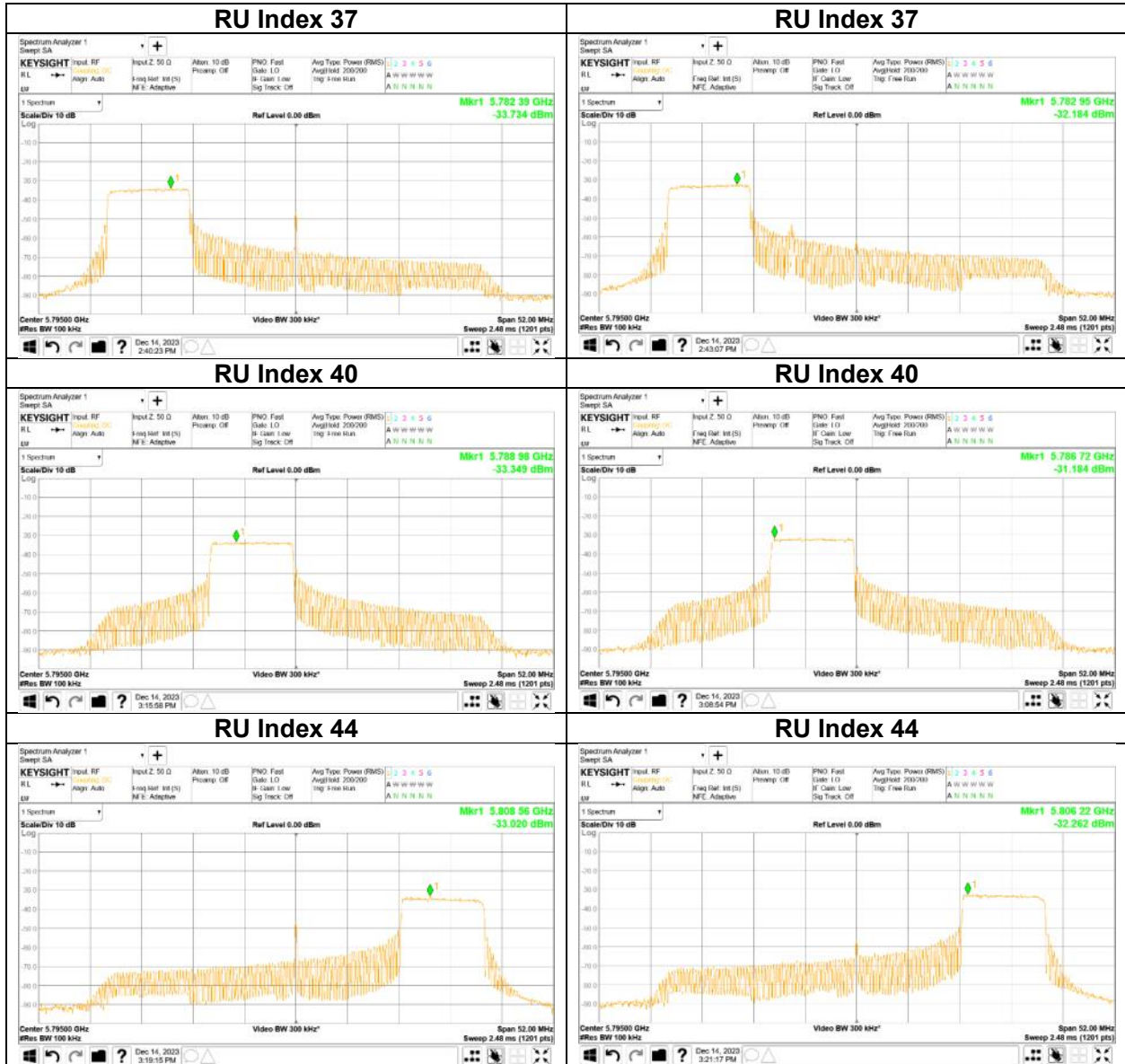


Maximum Power Spectral Density

11ax-40 (OFDMA)
106-tone RU 5795 MHz

ANT0

ANT1



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 15, 2023
Temperature / Humidity 23 deg.C / 33 %RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 242-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5190	61	0.11	0.14	0.25	-6.01	8.84	14.85	0.75	0.89	1.64	2.15	17.00	14.85
	62	0.10	0.14	0.24	-6.12	8.84	14.96	0.68	0.92	1.60	2.04	17.00	14.96
5230	61	0.11	0.15	0.26	-5.78	8.84	14.62	0.73	1.00	1.73	2.38	17.00	14.62
	62	0.11	0.16	0.26	-5.78	8.84	14.62	0.69	1.04	1.73	2.38	17.00	14.62
5270	61	0.10	0.13	0.23	-6.39	8.84	15.23	0.64	0.86	1.50	1.77	17.00	15.23
	62	0.09	0.13	0.22	-6.54	8.84	15.38	0.58	0.87	1.45	1.62	17.00	15.38
5310	61	0.10	0.13	0.23	-6.42	8.84	15.26	0.63	0.87	1.49	1.74	17.00	15.26
	62	0.10	0.14	0.24	-6.24	8.84	15.08	0.63	0.93	1.55	1.92	17.00	15.08

Tested Frequency [MHz]	RU Index	ANT0								ANT1							
		Duty Factor [dB]	RBW Correction Factor [dB]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	PSD Result		Duty Factor [dB]	RBW Correction Factor [dB]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	PSD Result	
								Cond.	e.i.r.p.							Cond.	e.i.r.p.
5190	61	0.00	0.00	-22.45	3.04	9.98	8.16	-9.43	-1.27	-21.80	3.06	10.09	8.16	-8.65	-0.49	-8.65	-0.49
	62	0.00	0.00	-22.89	3.04	9.98	8.16	-9.86	-1.70	-21.66	3.06	10.09	8.16	-8.51	-0.35	-8.51	-0.35
5230	61	0.00	0.00	-22.55	3.06	9.98	8.16	-9.52	-1.36	-21.32	3.06	10.09	8.16	-8.17	-0.01	-8.17	-0.01
	62	0.00	0.00	-22.81	3.06	9.98	8.16	-9.78	-1.62	-21.14	3.06	10.09	8.16	-7.99	0.17	-7.99	0.17
5270	61	0.00	0.00	-23.12	3.07	9.98	8.16	-10.08	-1.92	-21.98	3.09	10.09	8.16	-8.81	-0.65	-8.81	-0.65
	62	0.00	0.00	-23.54	3.07	9.98	8.16	-10.49	-2.33	-21.95	3.09	10.09	8.16	-8.78	-0.62	-8.78	-0.62
5310	61	0.00	0.00	-23.23	3.08	9.98	8.16	-10.18	-2.02	-21.96	3.09	10.09	8.16	-8.79	-0.63	-8.79	-0.63
	62	0.00	0.00	-23.23	3.08	9.98	8.16	-10.17	-2.01	-21.67	3.09	10.09	8.16	-8.49	-0.33	-8.49	-0.33

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log$ (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.)[dBm/MHz] = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date December 14, 2023 December 15, 2023
Temperature / Humidity 22 deg.C / 37 %RH 23 deg.C / 33 %RH
Engineer Yosuke Murakami Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 242-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	PSD (Conducted)						PSD (e.i.r.p.)					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	2 port [mW/MHz]			
5510	61	0.19	0.25	0.44	-3.53	10.45	13.98	0.88	1.13	2.00	3.02	17.00	13.98
	62	0.18	0.27	0.45	-3.46	10.45	13.91	0.80	1.24	2.04	3.09	17.00	13.91
5550	61	0.20	0.25	0.45	-3.46	10.45	13.91	0.90	1.13	2.04	3.09	17.00	13.91
	62	0.20	0.24	0.44	-3.60	10.45	14.05	0.90	1.08	1.97	2.95	17.00	14.05
5670	61	0.19	0.23	0.42	-3.79	10.45	14.24	0.84	1.04	1.89	2.76	17.00	14.24
	62	0.18	0.22	0.40	-3.97	10.45	14.42	0.82	0.99	1.81	2.58	17.00	14.42
5755	61	0.05	0.06	0.11	-9.51	29.93	39.44	0.20	0.26	0.45	-3.44	36.00	39.44
	62	0.05	0.07	0.12	-9.14	29.93	39.07	0.21	0.29	0.49	-3.07	36.00	39.07
5795	61	0.04	0.06	0.10	-9.80	29.93	39.73	0.17	0.25	0.42	-3.73	36.00	39.73
	62	0.05	0.08	0.13	-9.00	29.93	38.93	0.18	0.32	0.51	-2.93	36.00	38.93

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor	RBW Correction 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]
5510	61	0.00	0.00	-20.23	3.14	9.98	6.55	-7.11	-0.56	-19.29	3.16	10.09	6.55	-6.04	0.51
	62	0.00	0.00	-20.66	3.14	9.98	6.55	-7.54	-0.99	-18.86	3.16	10.09	6.55	-5.61	0.94
5550	61	0.00	0.00	-20.12	3.15	9.98	6.55	-6.99	-0.44	-19.27	3.17	10.09	6.55	-6.01	0.54
	62	0.00	0.00	-20.15	3.15	9.98	6.55	-7.02	-0.47	-19.49	3.17	10.09	6.55	-6.23	0.32
5670	61	0.00	0.00	-20.46	3.18	9.98	6.55	-7.29	-0.74	-19.66	3.20	10.09	6.55	-6.36	0.19
	62	0.00	0.00	-20.55	3.18	9.98	6.55	-7.39	-0.84	-19.90	3.20	10.09	6.55	-6.61	-0.06
5755	61	0.00	6.99	-33.29	3.21	9.98	6.07	-13.11	-7.04	-32.31	3.23	10.09	6.07	-12.00	-5.93
	62	0.00	6.99	-33.06	3.21	9.98	6.07	-12.89	-6.82	-31.83	3.23	10.09	6.07	-11.52	-5.45
5795	61	0.00	6.99	-33.90	3.22	9.98	6.07	-13.71	-7.64	-32.40	3.24	10.10	6.07	-12.08	-6.01
	62	0.00	6.99	-33.60	3.22	9.98	6.07	-13.41	-7.34	-31.28	3.24	10.10	6.07	-10.96	-4.89

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted)[dBm/MHz] = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

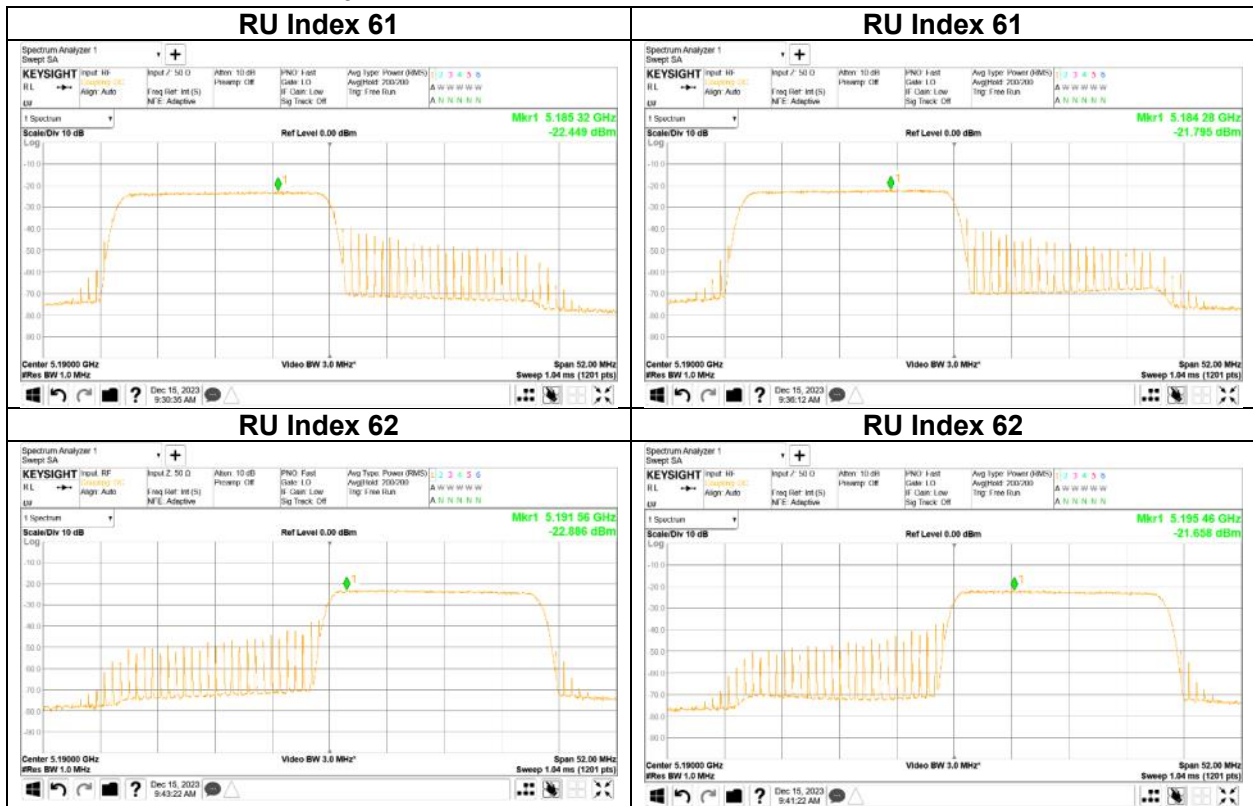
* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of spectrum analyzer.

Maximum Power Spectral Density

11ax-40 (OFDMA)
242-tone RU 5190 MHz

ANT0

ANT1

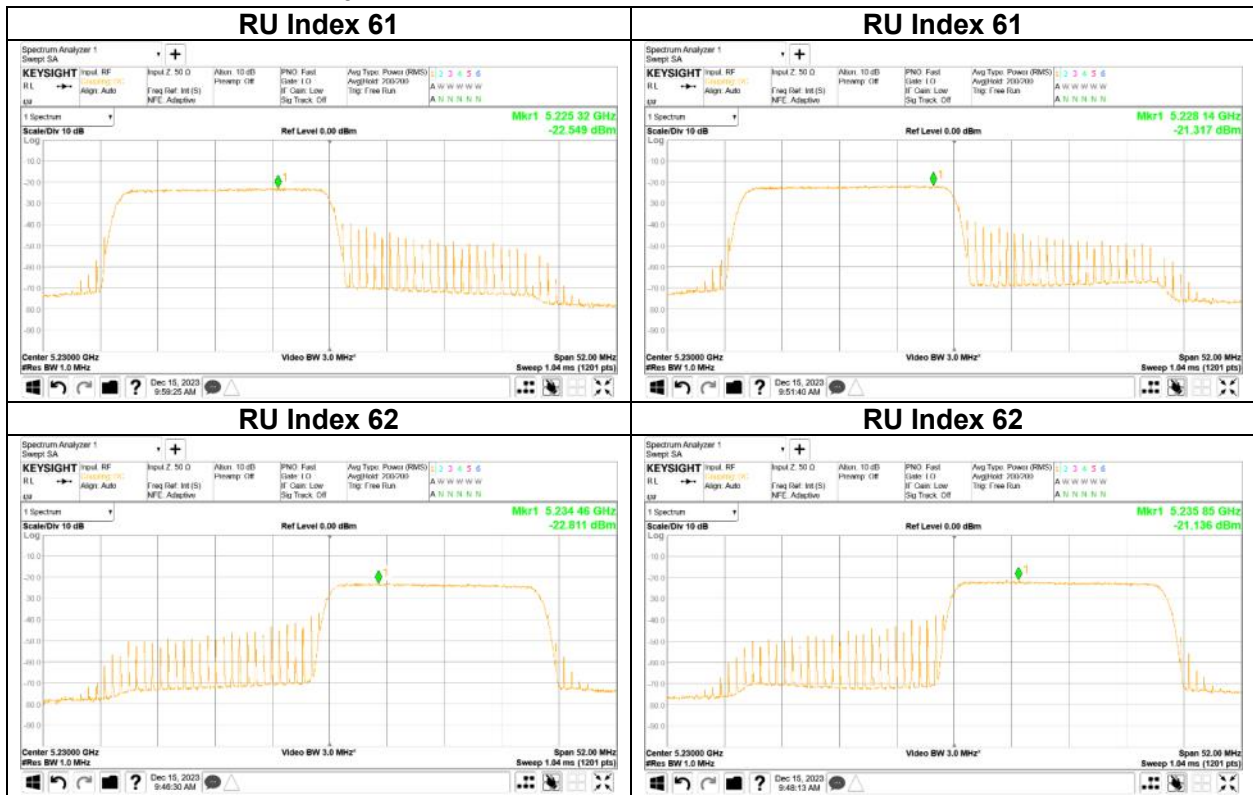


Maximum Power Spectral Density

11ax-40 (OFDMA)
242-tone RU 5230 MHz

ANT0

ANT1



Maximum Power Spectral Density

11ax-40 (OFDMA)
242-tone RU 5270 MHz

ANT0

ANT1

