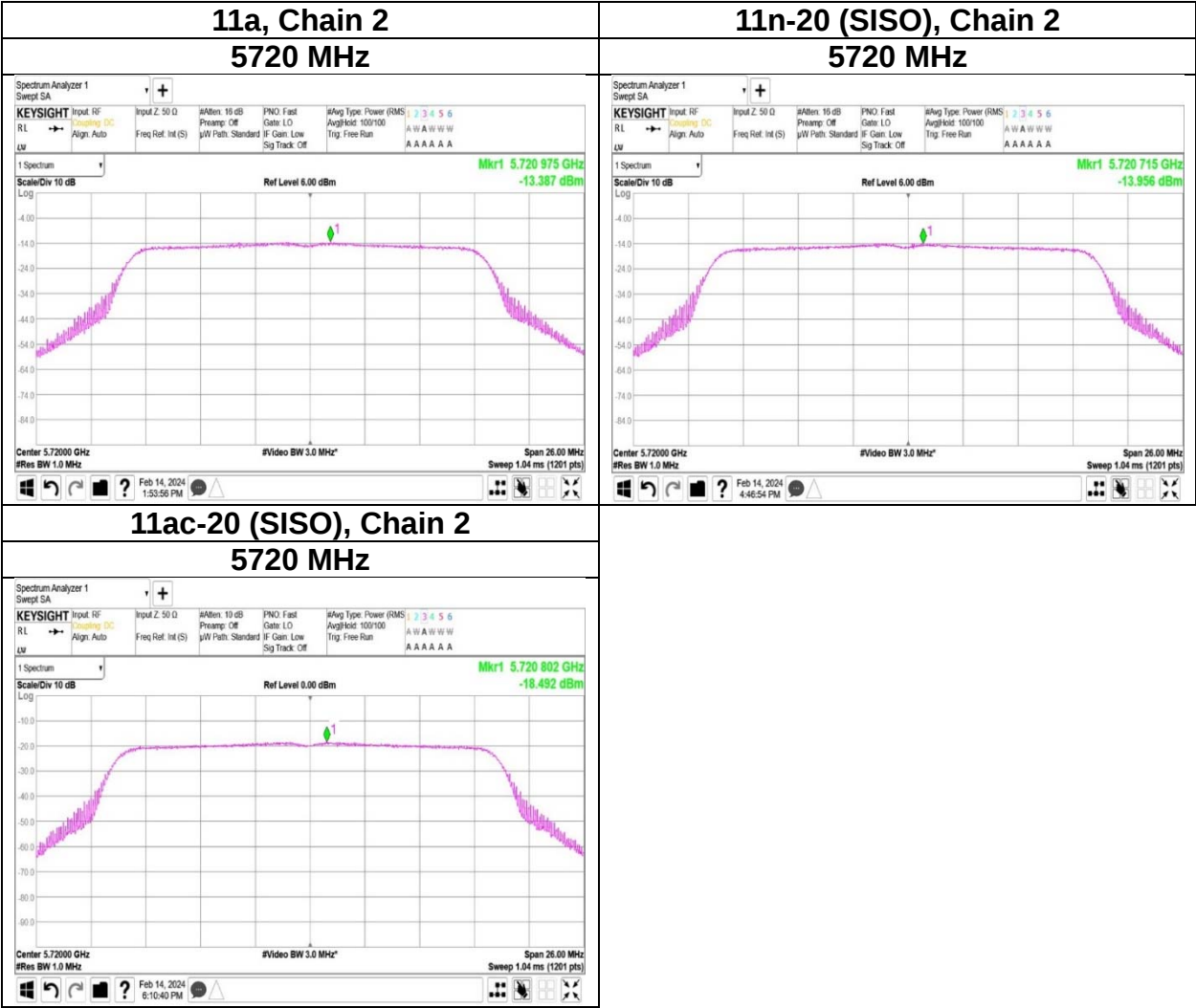


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 14, 2024
23 deg. C / 27 % RH
Kenichi Adachi
Tx



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 14, 2024
Temperature / Humidity 23 deg. C / 27 % RH
Engineer Kenichi Adachi
Mode Tx 11n-40 (SISO)

Chain 2

(*)

Applied limit: 15.407, mobile and portable client device

Tested Frequency	PSD Frequency	PSD Reading	Cable Loss	Atten. Loss	Duty Factor	Antenna Gain	RBW Correction Factor	PSD (Conducted)			PSD (e.i.r.p.)		
								Result	Limit	Margin	Result	Limit	Margin
[MHz]	[MHz]	[dBm/MHz]	[dB]	[dB]	[dB]	[dBi]	[dB]	[dBm/MHz]	[dBm/MHz]	[dB]	[dBm/MHz]	[dBm/MHz]	[dB]
5190	5186.663	-15.56	1.60	9.98	0.00	2.29	0.00	-3.98	11.00	14.98	-1.69	17.00	18.69
5230	5228.353	-16.20	1.57	9.98	0.00	2.29	0.00	-4.65	11.00	15.65	-2.36	17.00	19.36
5270	5271.647	-16.46	1.58	9.98	0.00	2.29	0.00	-4.90	11.00	15.90	-2.61	17.00	19.61
5310	5308.613	-16.59	1.62	9.98	0.00	2.29	0.00	-4.99	11.00	15.99	-2.70	17.00	19.70
5510	5508.353	-16.93	1.70	9.98	0.00	2.29	0.00	-5.25	11.00	16.25	-2.96	17.00	19.96
5550	5548.093	-17.75	1.70	9.98	0.00	2.29	0.00	-6.07	11.00	17.07	-3.78	17.00	20.78
5670	5667.573	-17.03	1.59	9.98	0.00	2.29	0.00	-5.46	11.00	16.46	-3.17	17.00	20.17
5710	5711.257	-16.78	1.60	9.98	0.00	2.29	0.00	-5.20	11.00	16.20	-2.91	17.00	19.91
5755	5752.573	-20.03	1.58	9.99	0.00	2.29	0.27	-8.19	30.00	38.19	-5.90	36.00	41.90
5795	5796.560	-19.42	1.57	9.99	0.00	2.29	0.27	-7.59	30.00	37.59	-5.30	36.00	41.30

Sample Calculation:

PSD: Power Spectral Density

(*) Power density was measured with using the gate function of spectrum analyzer.

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

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

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

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

Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

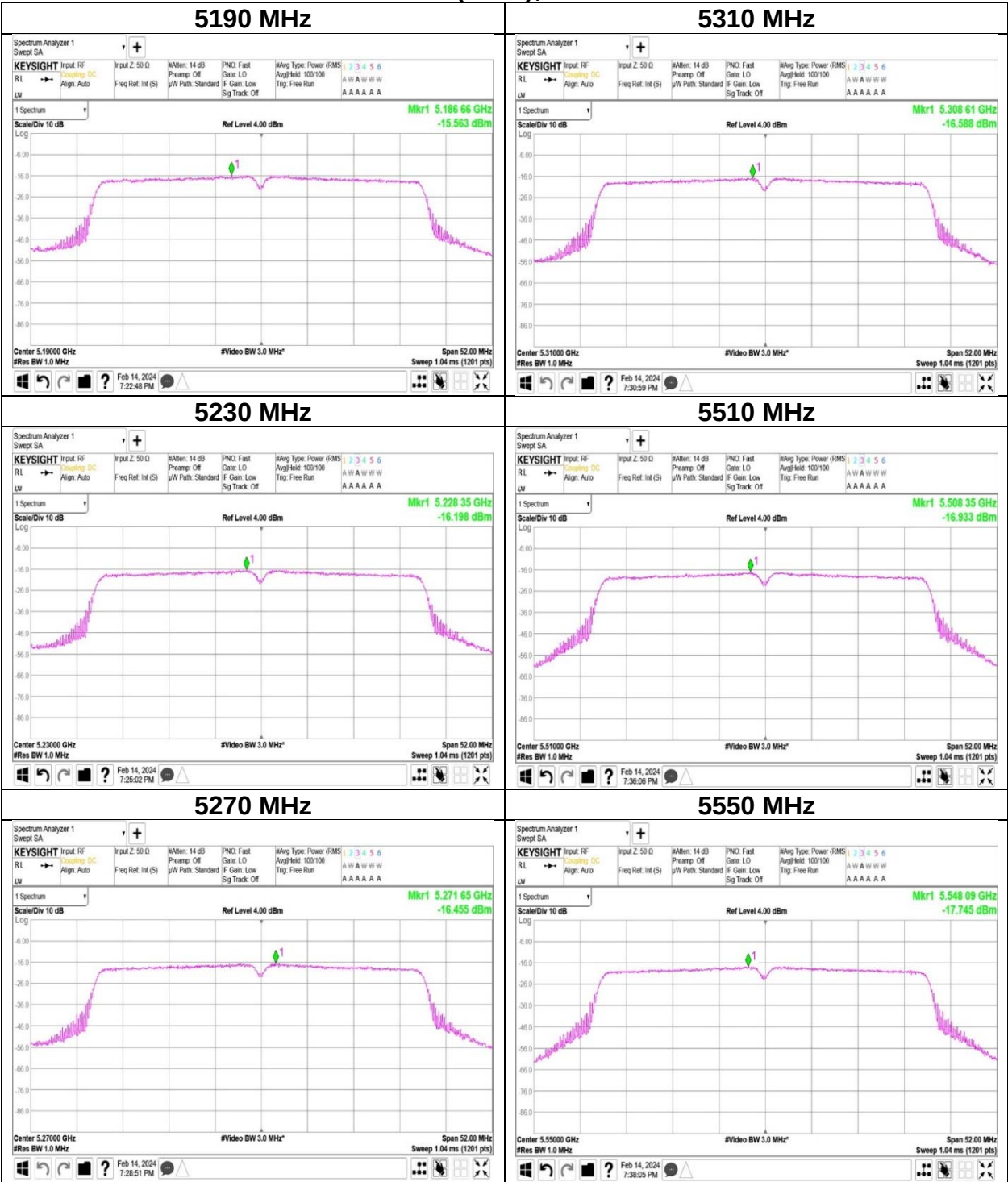
February 14, 2024

23 deg. C / 27 % RH

Kenichi Adachi

Tx 11n-40 (SISO)

11n-40 (SISO), Chain 2



Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

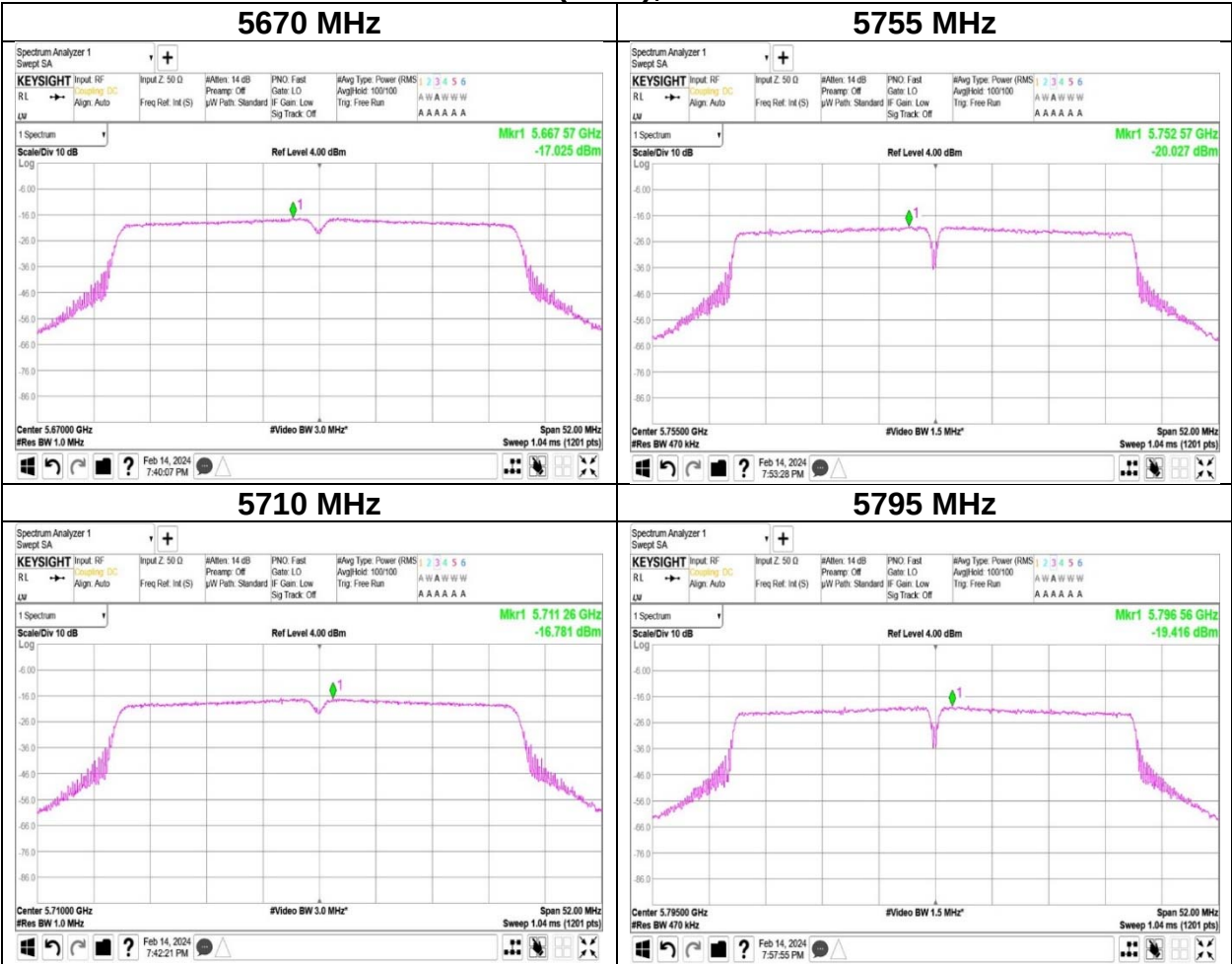
February 14, 2024

23 deg. C / 27 % RH

Kenichi Adachi

Tx 11n-40 (SISO)

11n-40 (SISO), Chain 2



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 14, 2024
Temperature / Humidity 23 deg. C / 27 % RH
Engineer Kenichi Adachi
Mode Tx 11ac-40 (SISO)

Chain 2		(*1)						Applied limit: 15.407, mobile and portable client device						
Tested Frequency	PSD Frequency	PSD Reading	Cable Loss	Atten. Loss	Duty Factor	Antenna Gain	RBW Correction Factor	PSD (Conducted)			PSD (e.i.r.p.)			
								Result	Limit	Margin	Result	Limit	Margin	
[MHz]	[MHz]	[dBm/MHz]	[dB]	[dB]	[dB]	[dBi]	[dB]	[dBm/MHz]	[dBm/MHz]	[dB]	[dBm/MHz]	[dBm/MHz]	[dB]	
5190	5187.833	-19.47	1.60	9.98	0.00	2.29	0.00	-7.89	11.00	18.89	-5.60	17.00	22.60	
5230	5227.920	-19.95	1.57	9.98	0.00	2.29	0.00	-8.40	11.00	19.40	-6.11	17.00	23.11	
5270	5266.533	-20.43	1.58	9.98	0.00	2.29	0.00	-8.87	11.00	19.87	-6.58	17.00	23.58	
5310	5311.647	-20.51	1.62	9.98	0.00	2.29	0.00	-8.91	11.00	19.91	-6.62	17.00	23.62	
5510	5507.920	-20.77	1.70	9.98	0.00	2.29	0.00	-9.09	11.00	20.09	-6.80	17.00	23.80	
5550	5547.400	-21.63	1.70	9.98	0.00	2.29	0.00	-9.95	11.00	20.95	-7.66	17.00	24.66	
5670	5671.647	-21.32	1.59	9.98	0.00	2.29	0.00	-9.75	11.00	20.75	-7.46	17.00	24.46	
5710	5712.167	-20.85	1.60	9.98	0.00	2.29	0.00	-9.27	11.00	20.27	-6.98	17.00	23.98	
5755	5752.443	-23.62	1.58	9.99	0.00	2.29	0.27	-11.78	30.00	41.78	-9.49	36.00	45.49	
5795	5791.967	-23.00	1.57	9.99	0.00	2.29	0.27	-11.17	30.00	41.17	-8.88	36.00	44.88	

Sample Calculation:
PSD: Power Spectral Density (*1) Power density was measured with using the gate function of spectrum analyzer.
The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.
RBW Correction Factor = 10 * log (Specified bandwidth / Measured bandwidth)
PSD Result (Conducted) = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Correction Factor
PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

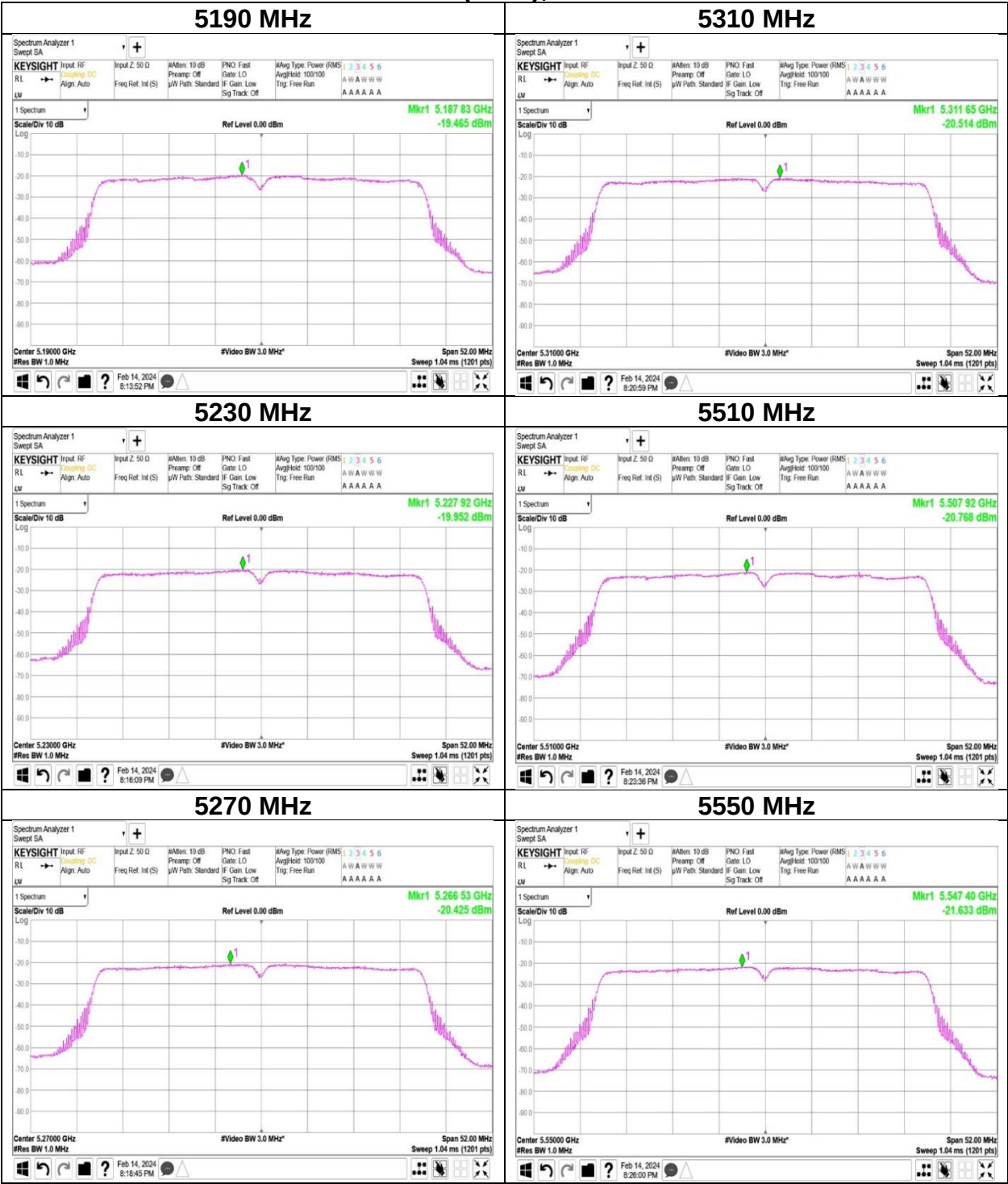
February 14, 2024

23 deg. C / 27 % RH

Kenichi Adachi

Tx 11ac-40 (SISO)

11ac-40 (SISO), Chain 2



Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

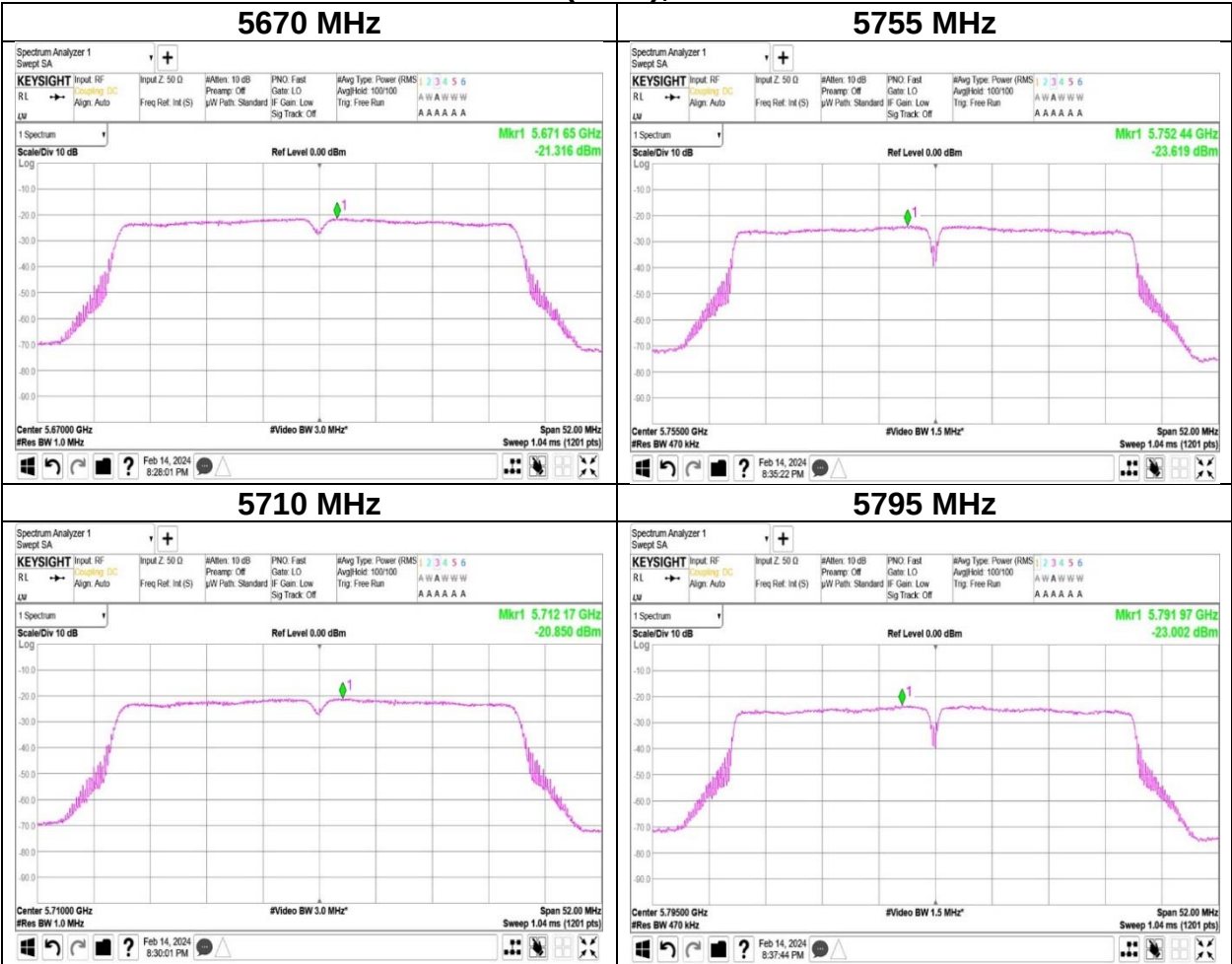
February 14, 2024

23 deg. C / 27 % RH

Kenichi Adachi

Tx 11ac-40 (SISO)

11ac-40 (SISO), Chain 2



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 14, 2024
Temperature / Humidity 23 deg. C / 27 % RH
Engineer Kenichi Adachi
Mode Tx 11ac-80 (SISO)

Chain 2		(*)							Applied limit: 15.407, mobile and portable client device					
Tested Frequency	PSD Frequency	PSD Reading	Cable Loss	Atten. Loss	Duty Factor	Antenna Gain	RBW Correction Factor	PSD (Conducted)			PSD (e.i.r.p.)			
[MHz]	[MHz]	[dBm/MHz]	[dB]	[dB]	[dB]	[dBi]	[dB]	Result	Limit	Margin	Result	Limit	Margin	
5210	5180.620	-23.36	1.60	9.98	0.00	2.29	0.00	-11.78	11.00	22.78	-9.49	17.00	26.49	
5290	5279.340	-24.09	1.62	9.98	0.00	2.29	0.00	-12.49	11.00	23.49	-10.20	17.00	27.20	
5530	5500.273	-24.93	1.70	9.98	0.00	2.29	0.00	-13.25	11.00	24.25	-10.96	17.00	27.96	
5610	5591.713	-25.00	1.70	9.98	0.00	2.29	0.00	-13.32	11.00	24.32	-11.03	17.00	28.03	
5690	5660.100	-24.73	1.60	9.98	0.00	2.29	0.00	-13.15	11.00	24.15	-10.86	17.00	27.86	
5775	5742.933	-27.08	1.57	9.99	0.00	2.29	0.27	-15.25	30.00	45.25	-12.96	36.00	48.96	

Sample Calculation:

PSD: Power Spectral Density

(*) Power density was measured with using the gate function of spectrum analyzer.

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 + Atten. Loss + Duty Factor + RBW Correction Factor

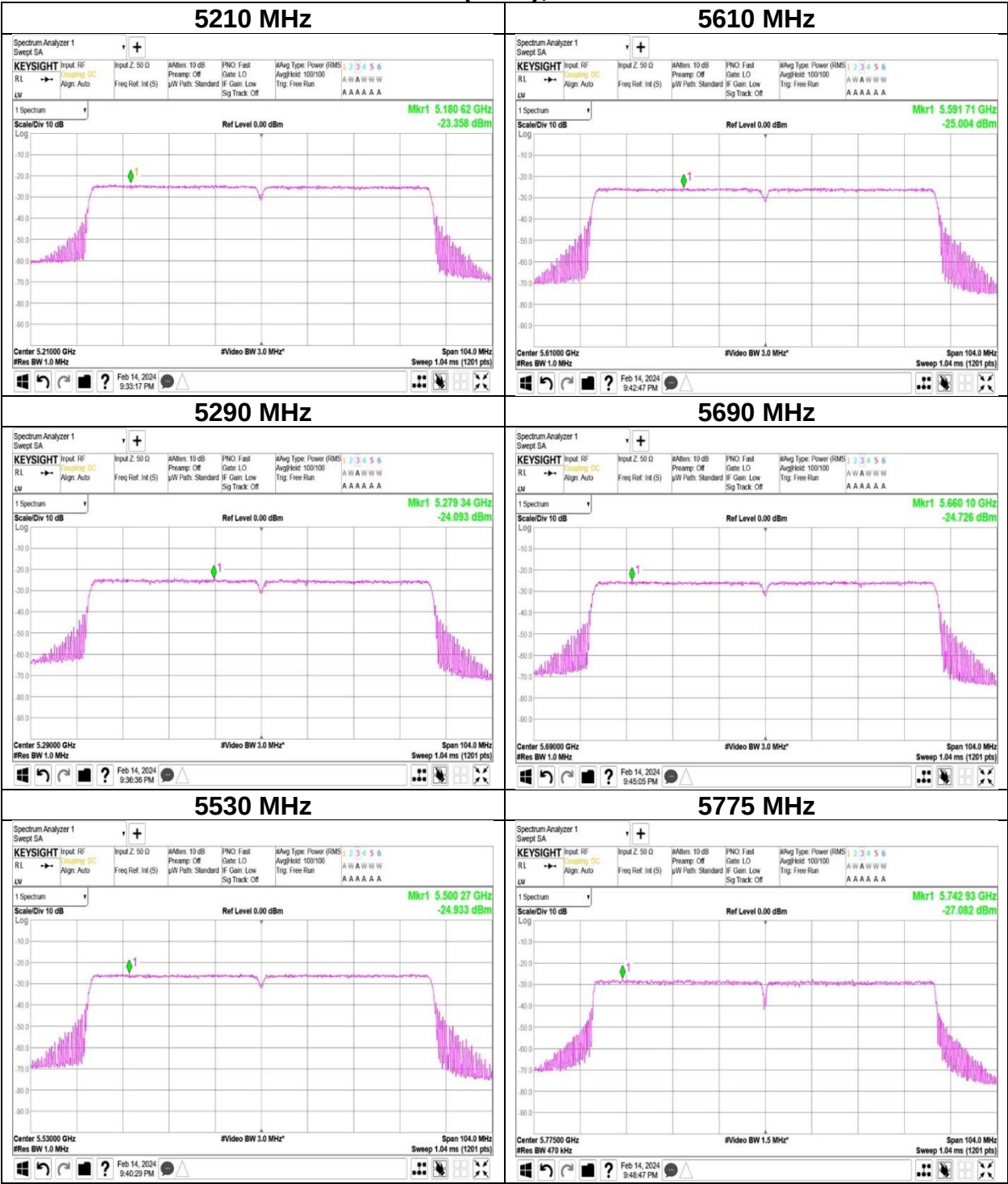
PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 14, 2024
23 deg. C / 27 % RH
Kenichi Adachi
Tx 11ac-80 (SISO)

11ac-80 (SISO), Chain 2



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date March 5, 2024
Temperature / Humidity 23 deg. C / 32 % RH
Engineer Yosuke Murakami
Mode Tx 11a (CDD)

Chain 1+2

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
5180	0.47	0.43	0.90	-0.48	11.00	11.48	1.75	1.60	3.35	5.25	17.00	11.75
5220	0.42	0.39	0.80	-0.95	11.00	11.95	1.56	1.45	3.00	4.78	17.00	12.22
5240	0.42	0.37	0.79	-1.02	11.00	12.02	1.58	1.37	2.96	4.71	17.00	12.29
5260	0.41	0.35	0.76	-1.21	11.00	12.21	1.52	1.31	2.83	4.52	17.00	12.48
5300	0.35	0.35	0.70	-1.53	11.00	12.53	1.30	1.33	2.63	4.20	17.00	12.80
5320	0.30	0.31	0.61	-2.17	11.00	13.17	1.11	1.16	2.27	3.56	17.00	13.44
5500	0.28	0.28	0.56	-2.54	11.00	13.54	1.05	1.04	2.08	3.19	17.00	13.81
5580	0.28	0.25	0.53	-2.72	11.00	13.72	1.04	0.95	2.00	3.01	17.00	13.99
5700	0.27	0.25	0.52	-2.85	11.00	13.85	1.01	0.93	1.94	2.88	17.00	14.12
5720	0.25	0.26	0.51	-2.94	11.00	13.94	0.94	0.96	1.90	2.79	17.00	14.21
5745	0.13	0.15	0.29	-5.43	30.00	35.43	0.50	0.57	1.07	0.30	36.00	35.70
5785	0.13	0.17	0.29	-5.31	30.00	35.31	0.47	0.63	1.10	0.42	36.00	35.58
5825	0.13	0.17	0.30	-5.28	30.00	35.28	0.48	0.63	1.11	0.45	36.00	35.55

*1)			Chain 1							Chain 2					
Tested Frequency	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		
[MHz]	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBij]	[dBm/MHz]	e.i.r.p. [dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBij]	[dBm/MHz]	e.i.r.p. [dBm/MHz]	
5180	0.00	0.00	-14.85	1.56	9.98	5.73	-3.31	2.42	-15.20	1.57	9.95	5.73	-3.68	2.05	
5220	0.00	0.00	-15.35	1.57	9.98	5.73	-3.80	1.93	-15.65	1.57	9.95	5.73	-4.13	1.60	
5240	0.00	0.00	-15.24	1.53	9.98	5.73	-3.73	2.00	-15.86	1.55	9.95	5.73	-4.36	1.37	
5260	0.00	0.00	-15.44	1.56	9.98	5.73	-3.90	1.83	-16.08	1.57	9.95	5.73	-4.56	1.17	
5300	0.00	0.00	-16.11	1.56	9.98	5.73	-4.57	1.16	-16.02	1.57	9.95	5.73	-4.50	1.23	
5320	0.00	0.00	-16.84	1.58	9.98	5.73	-5.28	0.45	-16.65	1.60	9.95	5.73	-5.10	0.63	
5500	0.00	0.00	-17.21	1.69	9.98	5.73	-5.54	0.20	-17.22	1.71	9.95	5.73	-5.56	0.17	
5580	0.00	0.00	-17.22	1.70	9.98	5.73	-5.54	0.19	-17.60	1.71	9.95	5.73	-5.94	-0.20	
5700	0.00	0.00	-17.25	1.60	9.98	5.73	-5.67	0.06	-17.60	1.60	9.95	5.73	-6.05	-0.32	
5720	0.00	0.00	-17.59	1.60	9.98	5.73	-6.01	-0.28	-17.45	1.61	9.95	5.73	-5.89	-0.16	
5745	0.00	0.27	-20.54	1.57	9.99	5.73	-8.71	-2.98	-20.00	1.58	9.95	5.73	-8.20	-2.47	
5785	0.00	0.27	-20.83	1.58	9.99	5.73	-8.99	-3.26	-19.56	1.58	9.96	5.73	-7.75	-2.02	
5825	0.00	0.27	-20.80	1.59	9.99	5.73	-8.95	-3.22	-19.54	1.59	9.96	5.73	-7.72	-1.99	

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 + Atten. Loss + Duty Factor + RBW Correction Factor

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

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10 \log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

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

Antenna Gain = Maximum Antenna gain

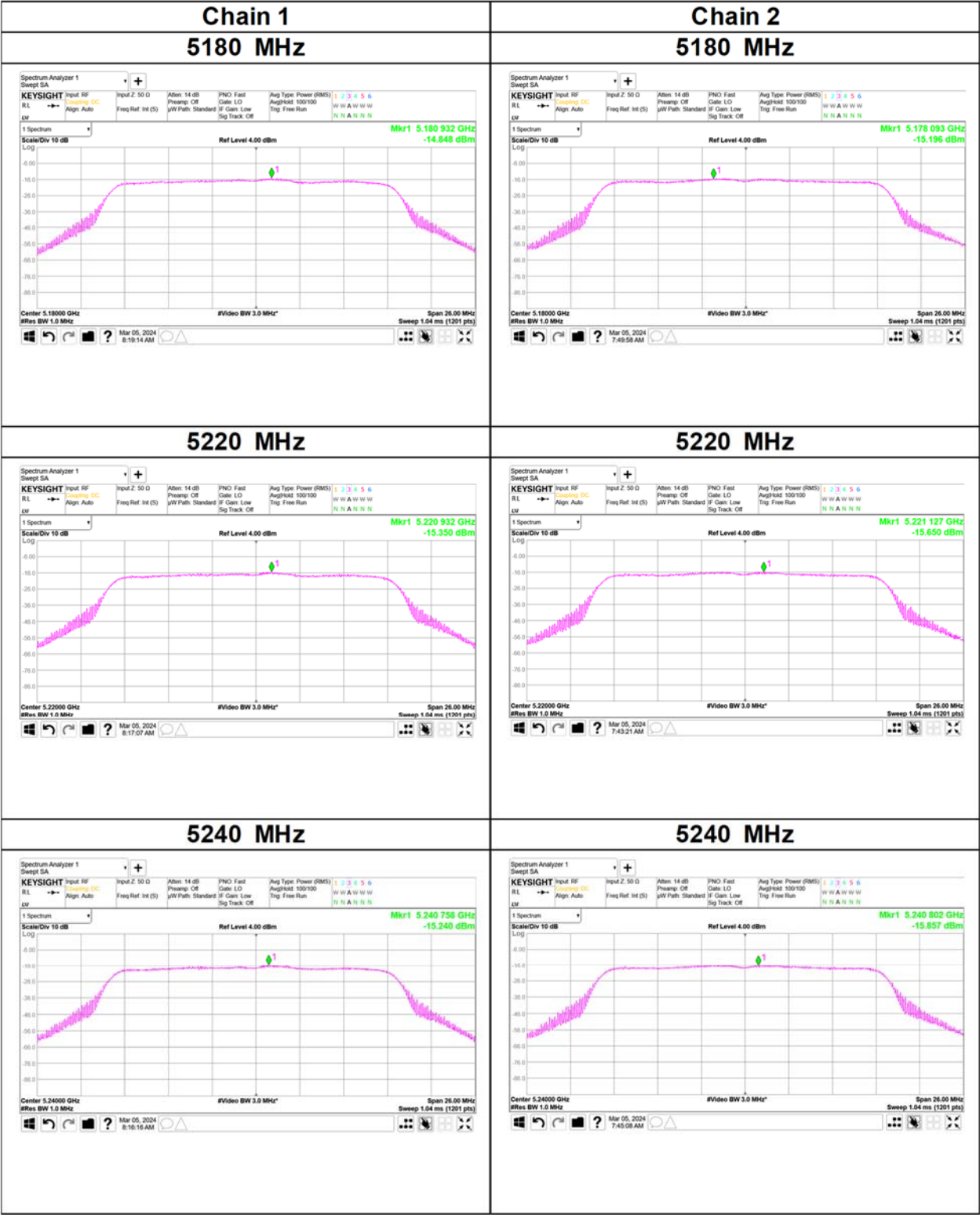
*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
March 5, 2024
23 deg. C / 32 % RH
Yosuke Murakami
Tx 11a (CDD)

11a

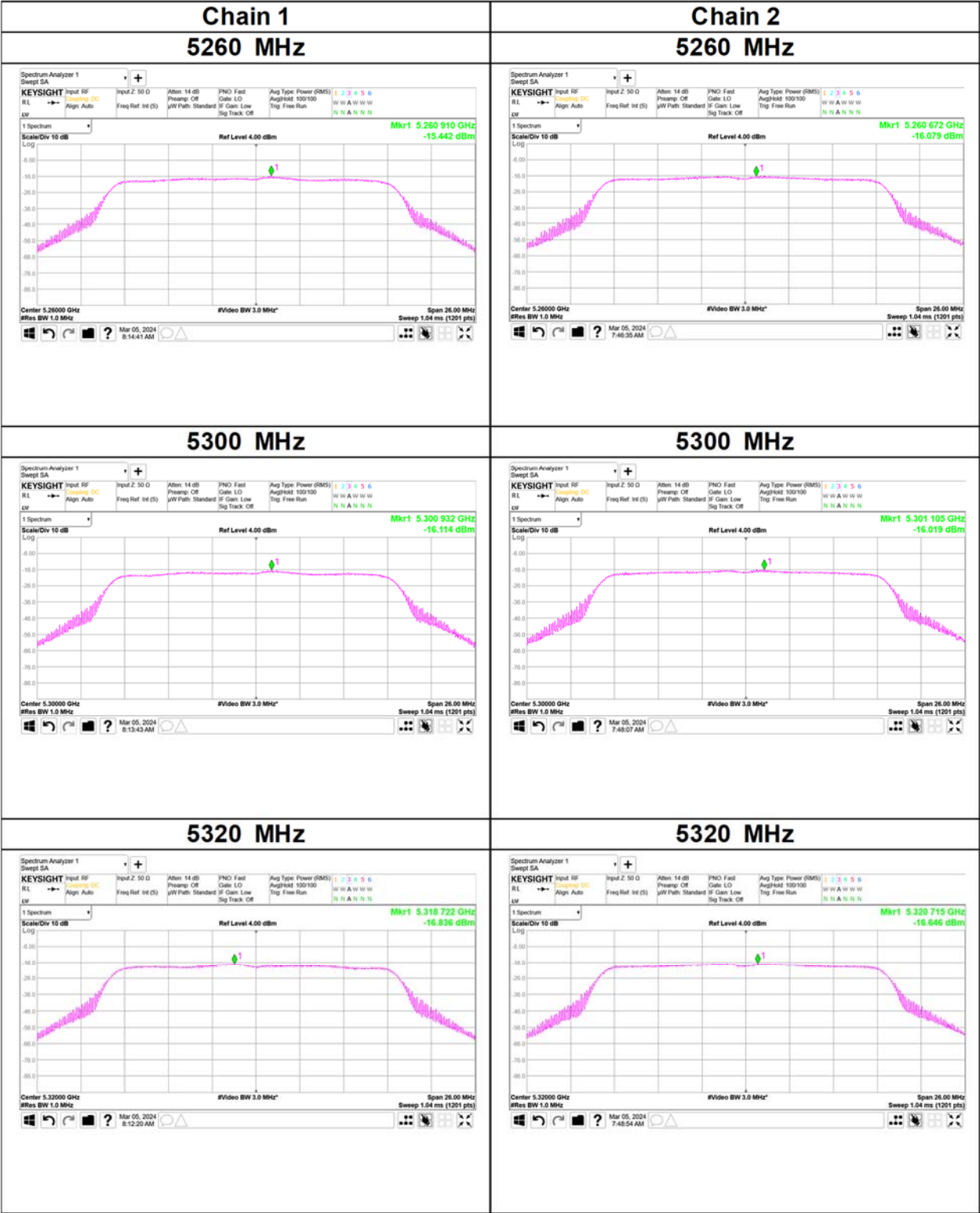


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
March 5, 2024
23 deg. C / 32 % RH
Yosuke Murakami
Tx 11a (CDD)

11a

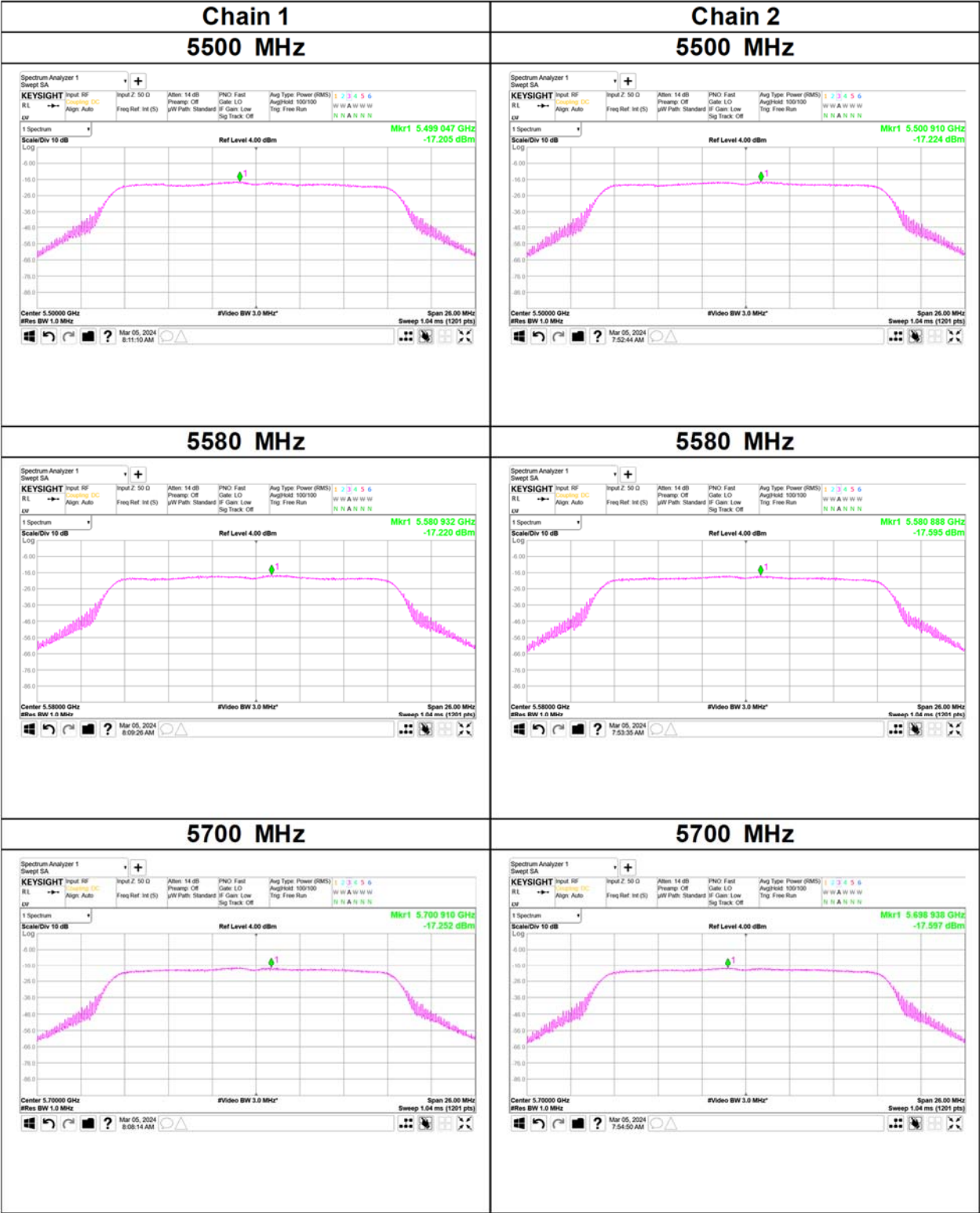


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
March 5, 2024
23 deg. C / 32 % RH
Yosuke Murakami
Tx 11a (CDD)

11a

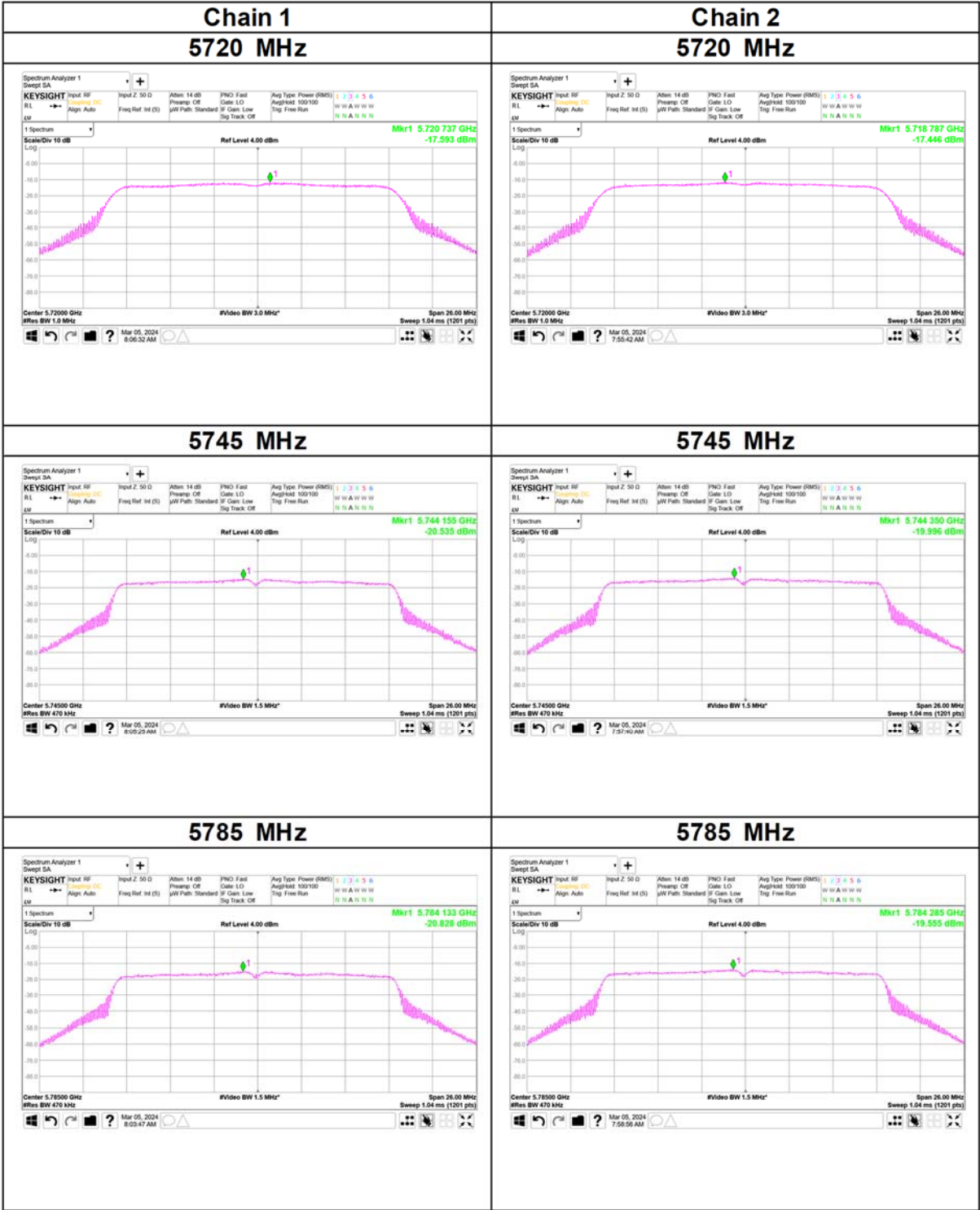


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
March 5, 2024
23 deg. C / 32 % RH
Yosuke Murakami
Tx 11a (CDD)

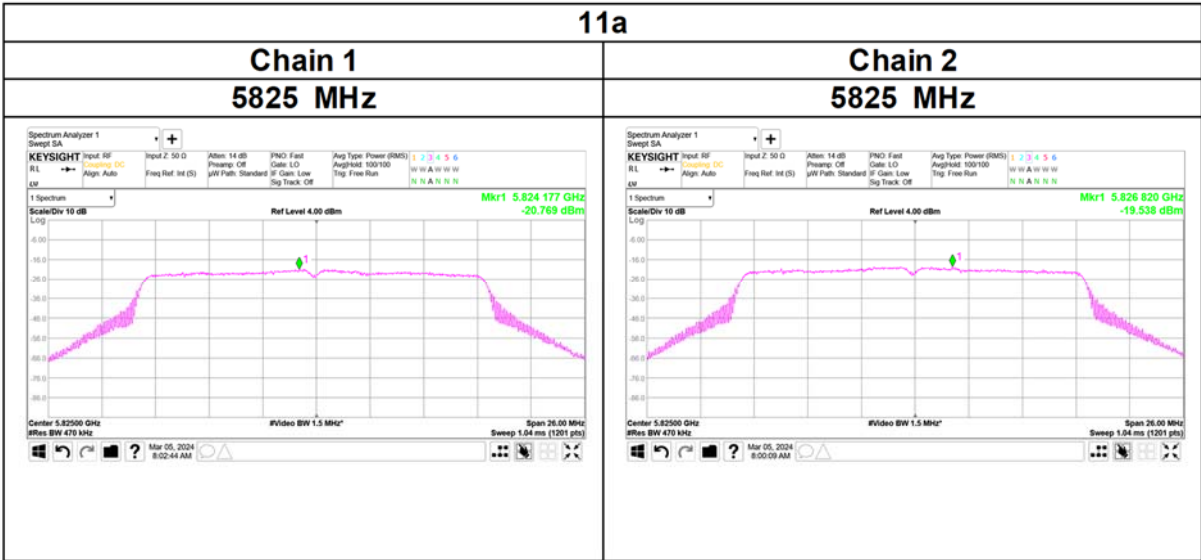
11a



Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
March 5, 2024
23 deg. C / 32 % RH
Yosuke Murakami
Tx 11a (CDD)



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11n-20 (CDD)

Chain 1+2 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
	Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]				Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]			
5180	0.33	0.31	0.64	-1.93	11.00	12.93	1.25	1.15	2.40	3.80	17.00	13.20
5220	0.30	0.26	0.56	-2.52	11.00	13.52	1.12	0.98	2.09	3.21	17.00	13.79
5240	0.30	0.25	0.55	-2.59	11.00	13.59	1.12	0.94	2.06	3.14	17.00	13.86
5260	0.26	0.23	0.49	-3.12	11.00	14.12	0.96	0.86	1.83	2.61	17.00	14.39
5300	0.24	0.21	0.45	-3.50	11.00	14.50	0.89	0.78	1.67	2.23	17.00	14.77
5320	0.22	0.21	0.43	-3.66	11.00	14.66	0.84	0.77	1.61	2.07	17.00	14.93
5500	0.21	0.22	0.43	-3.64	11.00	14.64	0.79	0.83	1.62	2.09	17.00	14.91
5580	0.20	0.24	0.44	-3.57	11.00	14.57	0.74	0.90	1.65	2.16	17.00	14.84
5700	0.22	0.26	0.48	-3.16	11.00	14.16	0.83	0.98	1.81	2.57	17.00	14.43
5720	0.20	0.25	0.45	-3.45	11.00	14.45	0.76	0.93	1.69	2.28	17.00	14.72
5745	0.11	0.17	0.28	-5.49	30.00	35.49	0.41	0.65	1.06	0.24	36.00	35.76
5785	0.11	0.17	0.28	-5.57	30.00	35.57	0.42	0.62	1.04	0.16	36.00	35.84
5825	0.11	0.16	0.26	-5.78	30.00	35.78	0.40	0.59	0.99	-0.05	36.00	36.05

*1)														
Chain 1														
Tested Frequency [MHz]	Duty Factor [dB]	RBW Correction Factor [dB]	Chain 1						Chain 2					
			PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dB]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dB]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]
5180	0.00	0.00	-16.29	1.56	9.98	5.73	-4.75	0.98	-16.65	1.57	9.95	5.73	-5.13	0.60
5220	0.00	0.00	-16.80	1.57	9.98	5.73	-5.25	0.48	-17.36	1.57	9.95	5.73	-5.84	-0.11
5240	0.00	0.00	-16.75	1.53	9.98	5.73	-5.24	0.49	-17.49	1.55	9.95	5.73	-5.99	-0.26
5260	0.00	0.00	-17.44	1.56	9.98	5.73	-5.90	-0.17	-17.88	1.57	9.95	5.73	-6.36	-0.63
5300	0.00	0.00	-17.78	1.56	9.98	5.73	-6.24	-0.51	-18.31	1.57	9.95	5.73	-6.79	-1.06
5320	0.00	0.00	-18.05	1.58	9.98	5.73	-6.49	-0.76	-18.41	1.60	9.95	5.73	-6.86	-1.13
5500	0.00	0.00	-18.43	1.69	9.98	5.73	-6.76	-1.03	-18.20	1.71	9.95	5.73	-6.54	-0.81
5580	0.00	0.00	-18.70	1.70	9.98	5.73	-7.02	-1.29	-17.84	1.71	9.95	5.73	-6.18	-0.45
5700	0.00	0.00	-18.12	1.60	9.98	5.73	-6.54	-0.81	-17.37	1.60	9.95	5.73	-5.82	-0.09
5720	0.00	0.00	-18.52	1.60	9.98	5.73	-6.94	-1.21	-17.59	1.61	9.95	5.73	-6.03	-0.30
5745	0.00	0.27	-21.46	1.57	9.99	5.73	-9.63	-3.90	-19.41	1.58	9.95	5.73	-7.61	-1.88
5785	0.00	0.27	-21.36	1.58	9.99	5.73	-9.53	-3.80	-19.62	1.58	9.96	5.73	-7.81	-2.08
5825	0.00	0.27	-21.60	1.59	9.99	5.73	-9.76	-4.03	-19.82	1.59	9.96	5.73	-8.00	-2.27

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 + Atten. Loss + Duty Factor + RBW Correction Factor

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

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10 \log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

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

Antenna Gain = Maximum Antenna gain

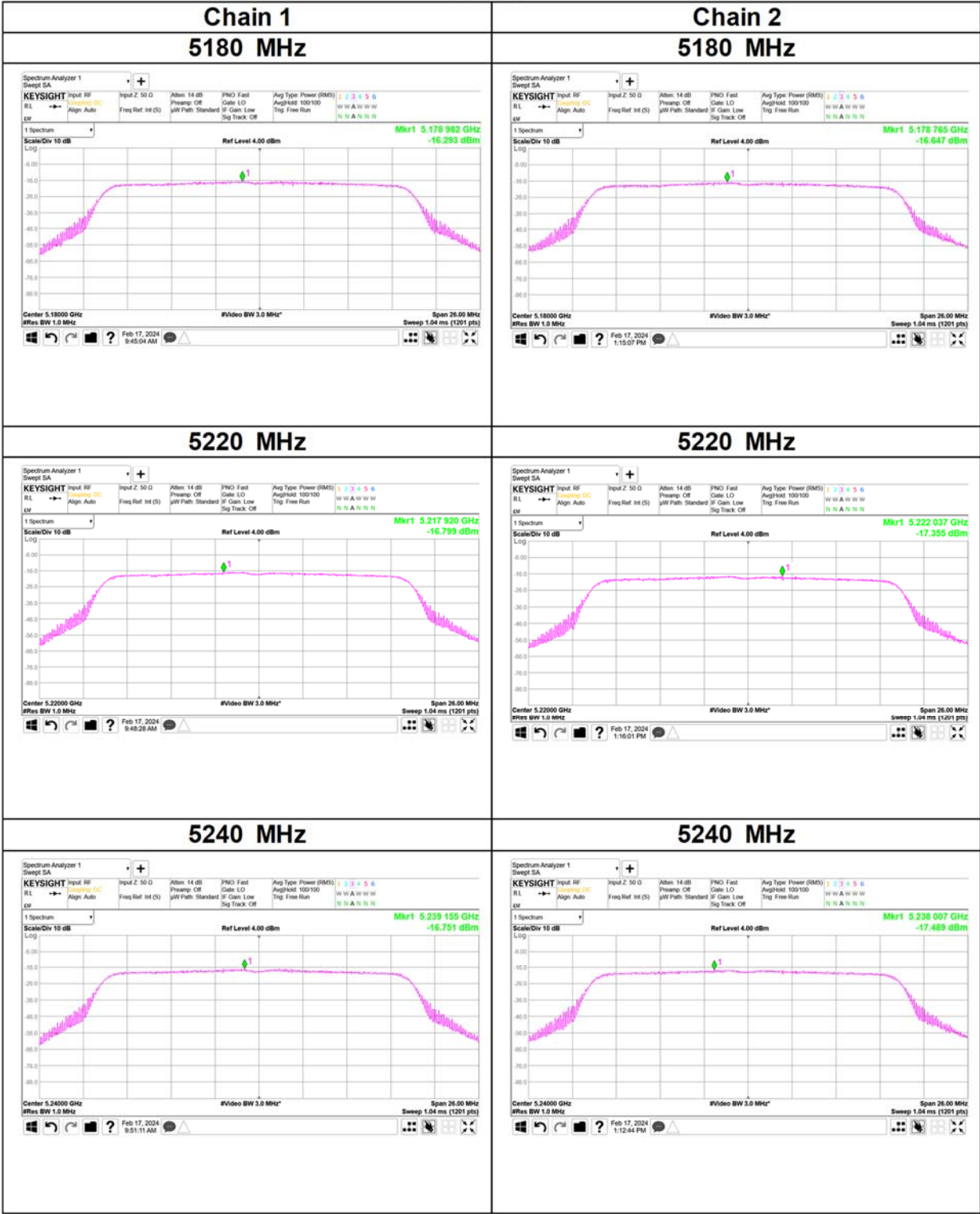
*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-20 (CDD)

11n-20

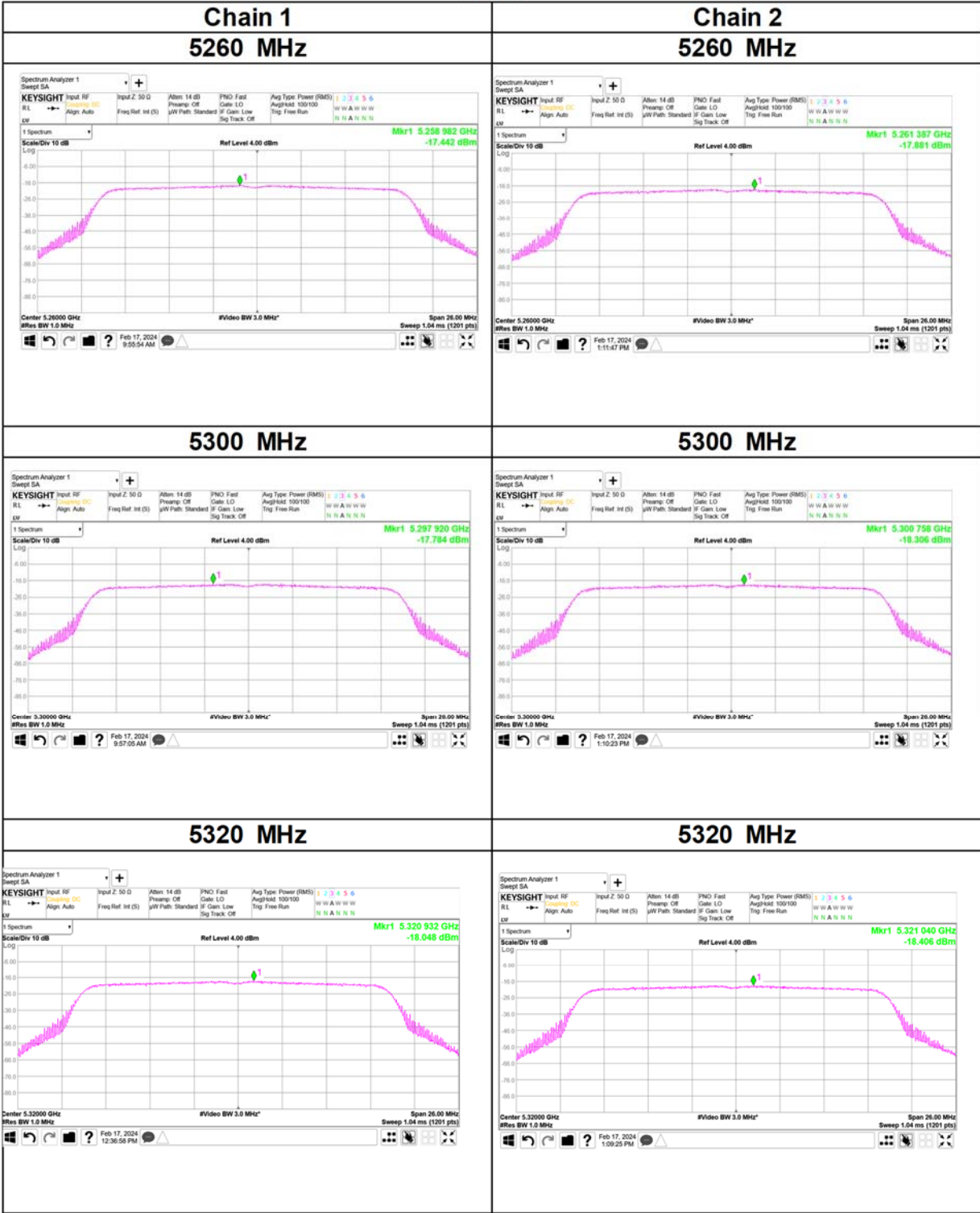


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-20 (CDD)

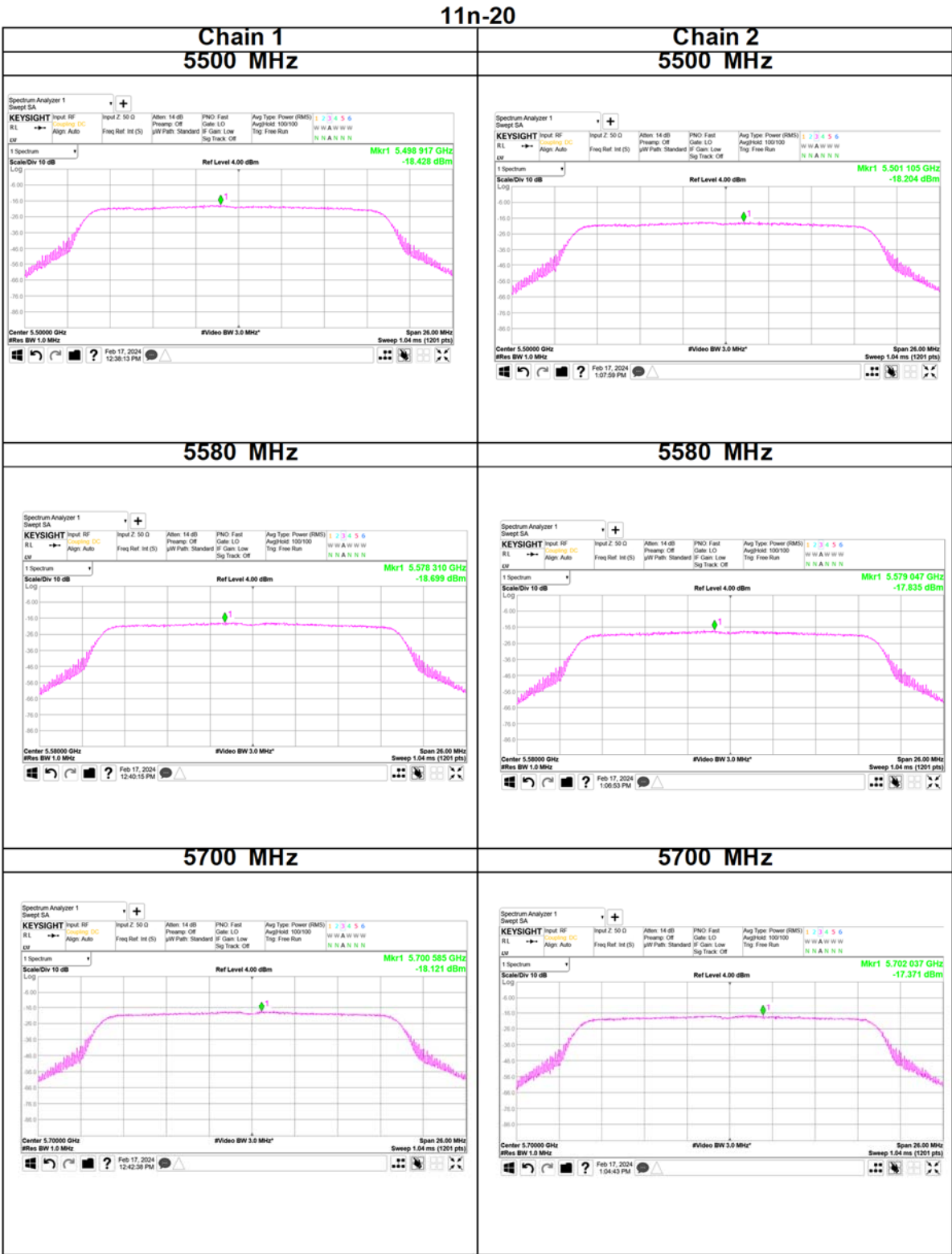
11n-20



Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-20 (CDD)

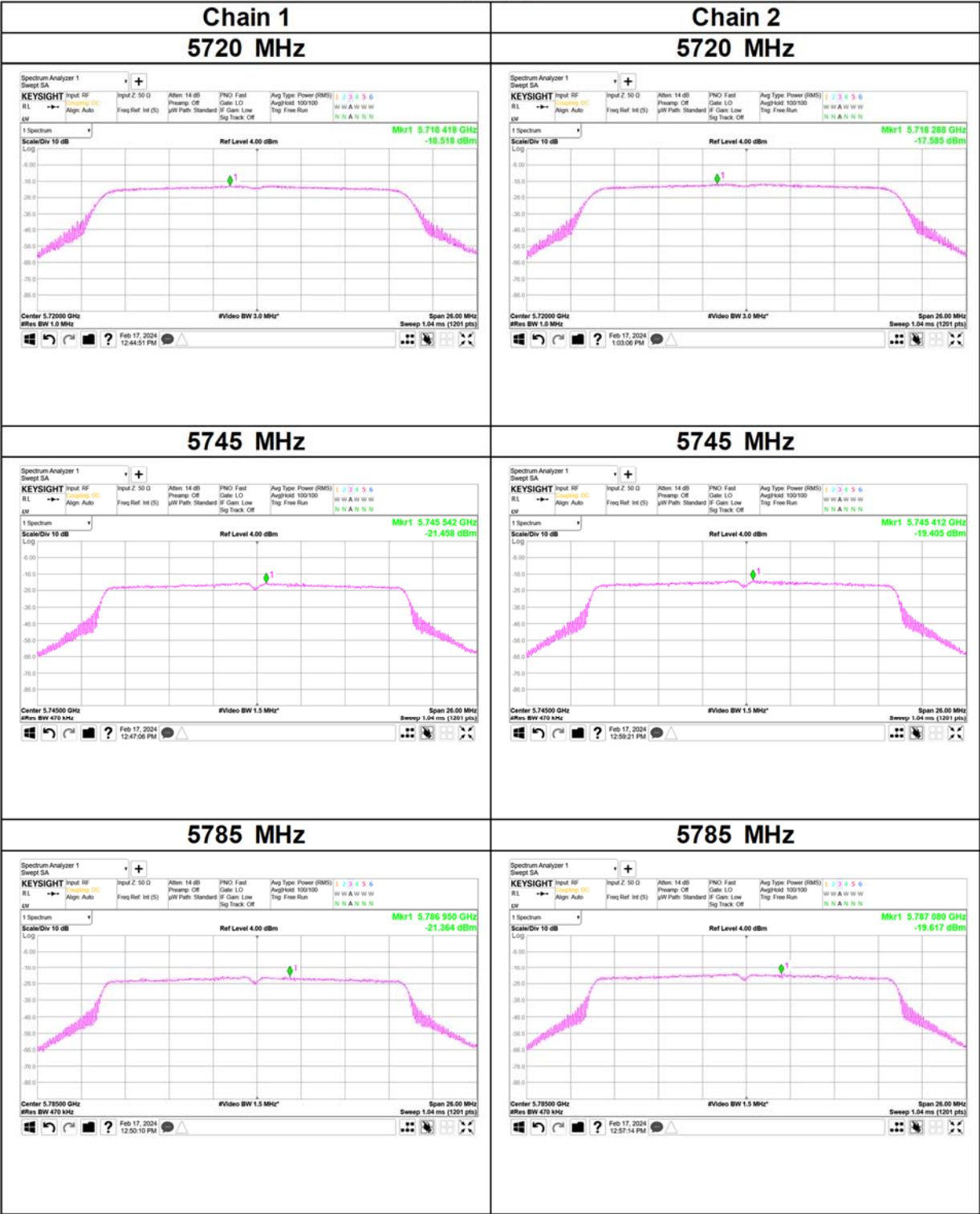


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-20 (CDD)

11n-20



Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

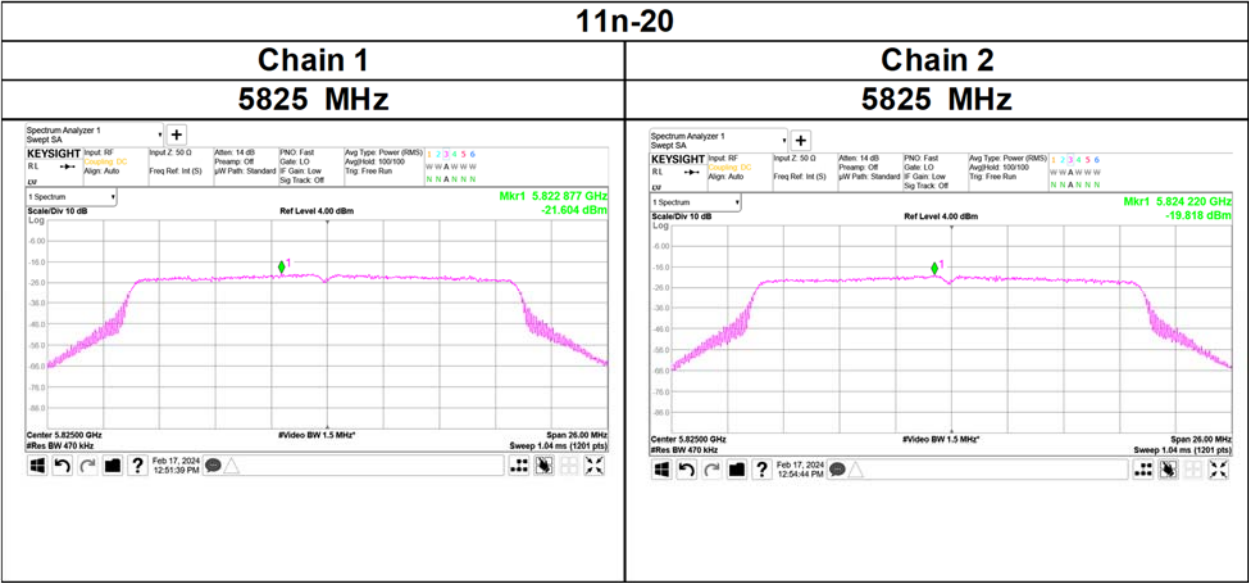
Shonan EMC Lab. No.2 Measurement Room

February 17, 2024

23 deg. C / 30 % RH

Hiromasa Sato

Tx 11n-20 (CDD)



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11ac-20 (CDD)

Chain 1+2

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Chain 1 [mW/MHz]	Antenna Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Chain 1 [mW/MHz]	Antenna Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
5180	0.12	0.12	0.24	-6.12	11.00	17.12	0.46	0.46	0.91	-0.39	17.00	17.39
5220	0.10	0.11	0.21	-6.79	11.00	17.79	0.38	0.40	0.78	-1.06	17.00	18.06
5240	0.09	0.11	0.20	-6.91	11.00	17.91	0.35	0.41	0.76	-1.18	17.00	18.18
5260	0.09	0.10	0.19	-7.29	11.00	18.29	0.32	0.37	0.70	-1.56	17.00	18.56
5300	0.07	0.10	0.17	-7.77	11.00	18.77	0.25	0.37	0.63	-2.04	17.00	19.04
5320	0.06	0.09	0.15	-8.16	11.00	19.16	0.24	0.33	0.57	-2.43	17.00	19.43
5500	0.06	0.08	0.14	-8.43	11.00	19.43	0.23	0.31	0.54	-2.70	17.00	19.70
5580	0.08	0.09	0.18	-7.52	11.00	18.52	0.31	0.35	0.66	-1.79	17.00	18.79
5700	0.11	0.12	0.23	-6.44	11.00	17.44	0.41	0.44	0.85	-0.71	17.00	17.71
5720	0.10	0.11	0.21	-6.73	11.00	17.73	0.39	0.40	0.79	-1.00	17.00	18.00
5745	0.06	0.05	0.11	-9.75	30.00	39.75	0.21	0.19	0.40	-4.02	36.00	40.02
5785	0.06	0.05	0.11	-9.59	30.00	39.59	0.21	0.20	0.41	-3.86	36.00	39.86
5825	0.06	0.05	0.12	-9.36	30.00	39.36	0.24	0.20	0.43	-3.63	36.00	39.63

*1)			Chain 1							Chain 2					
Tested Frequency	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		
[MHz]	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	Cond.	e.i.r.p.	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	
5180	0.00	0.00	-20.69	1.56	9.98	5.73	-9.15	-3.42	-20.63	1.57	9.95	5.73	-9.11	-3.38	
5220	0.00	0.00	-21.48	1.57	9.98	5.73	-9.93	-4.20	-21.19	1.57	9.95	5.73	-9.67	-3.94	
5240	0.00	0.00	-21.83	1.53	9.98	5.73	-10.32	-4.59	-21.06	1.55	9.95	5.73	-9.56	-3.83	
5260	0.00	0.00	-22.16	1.56	9.98	5.73	-10.62	-4.89	-21.53	1.57	9.95	5.73	-10.01	-4.28	
5300	0.00	0.00	-23.23	1.56	9.98	5.73	-11.69	-5.96	-21.55	1.57	9.95	5.73	-10.03	-4.30	
5320	0.00	0.00	-23.53	1.58	9.98	5.73	-11.97	-6.24	-22.05	1.60	9.95	5.73	-10.50	-4.77	
5500	0.00	0.00	-23.87	1.69	9.98	5.73	-12.20	-6.47	-22.45	1.71	9.95	5.73	-10.79	-5.06	
5580	0.00	0.00	-22.46	1.70	9.98	5.73	-10.78	-5.05	-21.95	1.71	9.95	5.73	-10.29	-4.56	
5700	0.00	0.00	-21.21	1.60	9.98	5.73	-9.63	-3.90	-20.83	1.60	9.95	5.73	-9.28	-3.55	
5720	0.00	0.00	-21.38	1.60	9.98	5.73	-9.80	-4.07	-21.24	1.61	9.95	5.73	-9.68	-3.95	
5745	0.00	0.27	-24.31	1.57	9.99	5.73	-12.48	-6.75	-24.86	1.58	9.95	5.73	-13.06	-7.33	
5785	0.00	0.27	-24.36	1.58	9.99	5.73	-12.52	-6.79	-24.50	1.58	9.96	5.73	-12.69	-6.96	
5825	0.00	0.27	-23.85	1.59	9.99	5.73	-12.00	-6.27	-24.60	1.59	9.96	5.73	-12.78	-7.05	

Sample Calculation:

PSD: Power Spectral Density

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

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

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10\log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

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

Antenna Gain = Maximum Antenna gain

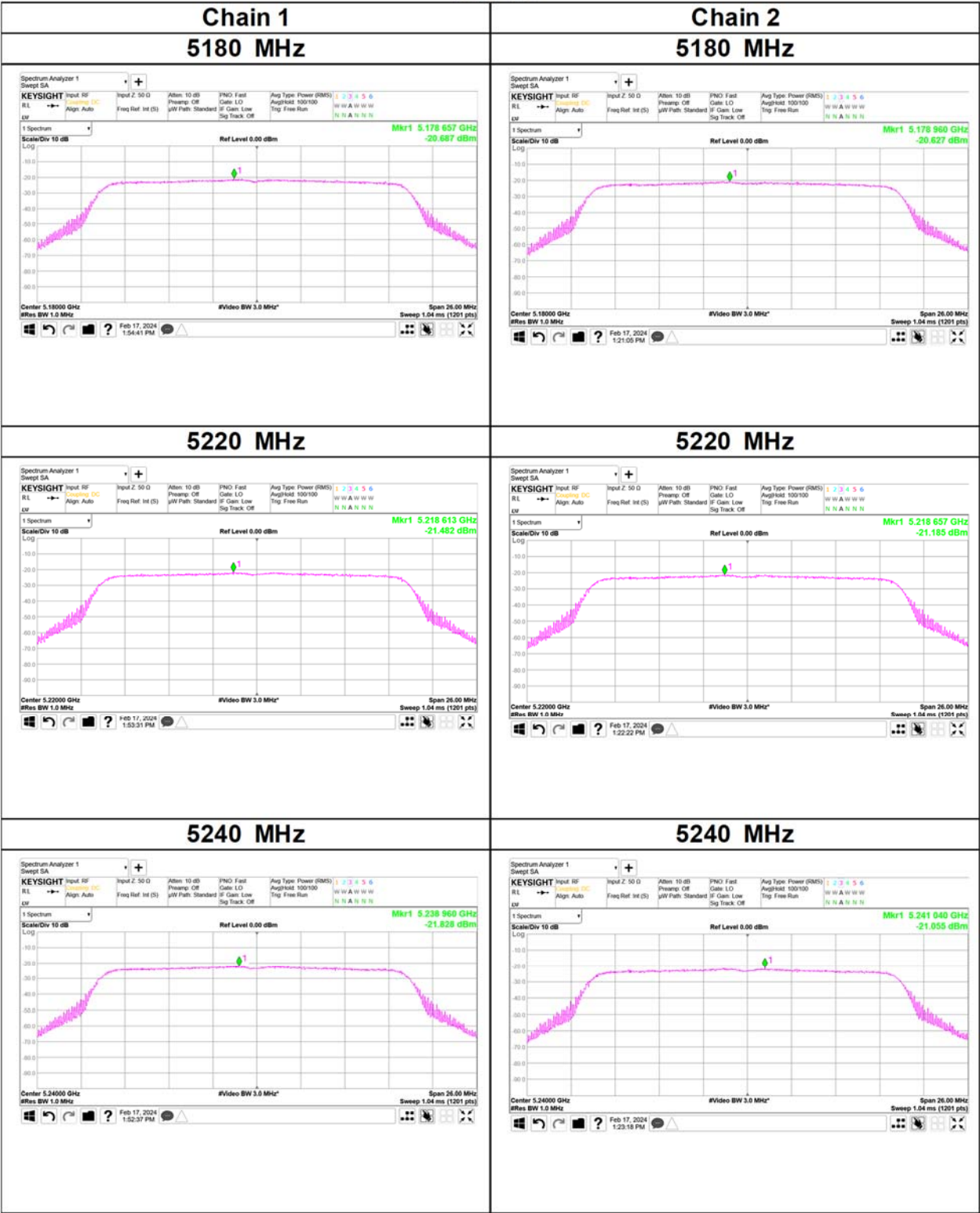
*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-20 (CDD)

11ac-20

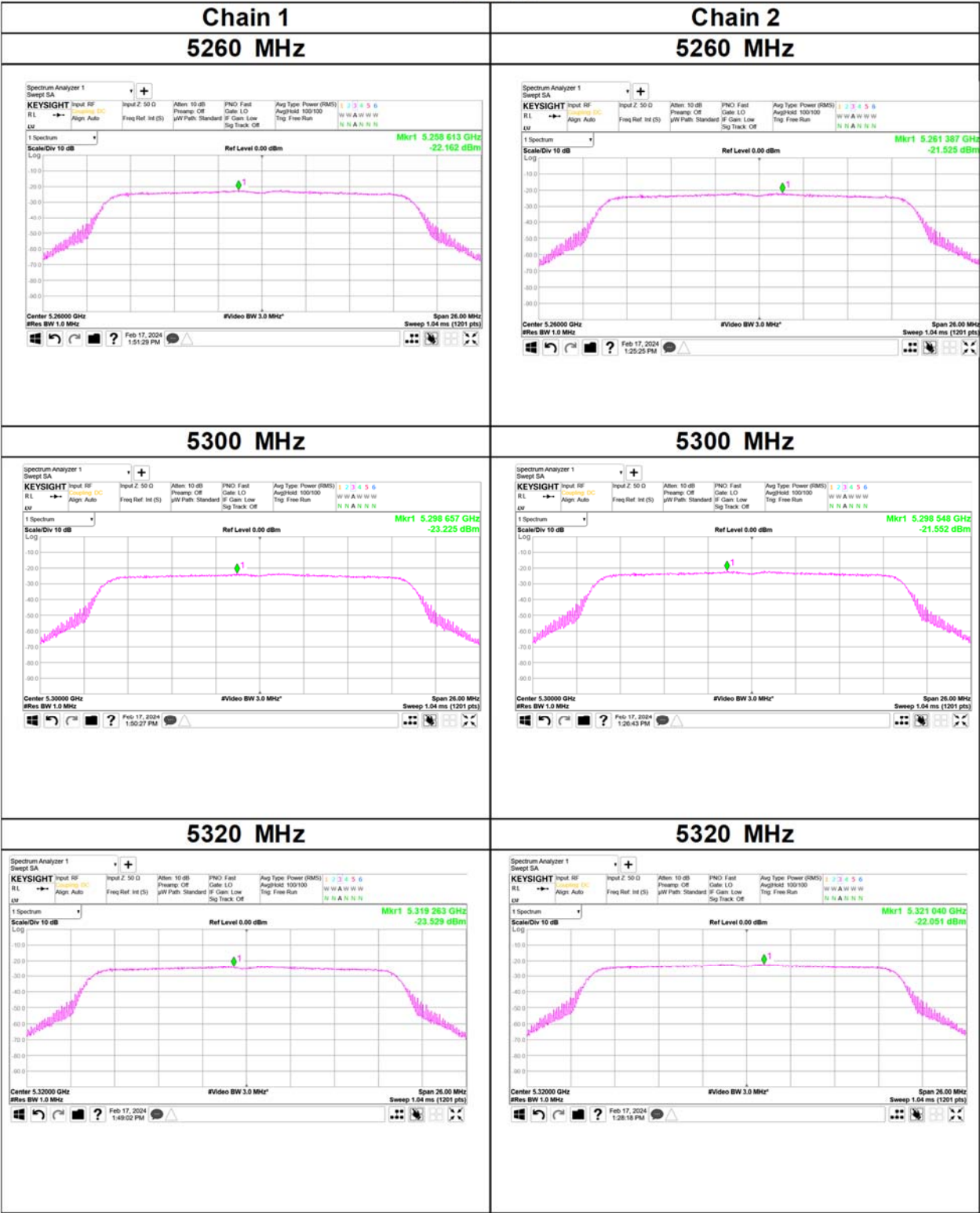


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-20 (CDD)

11ac-20

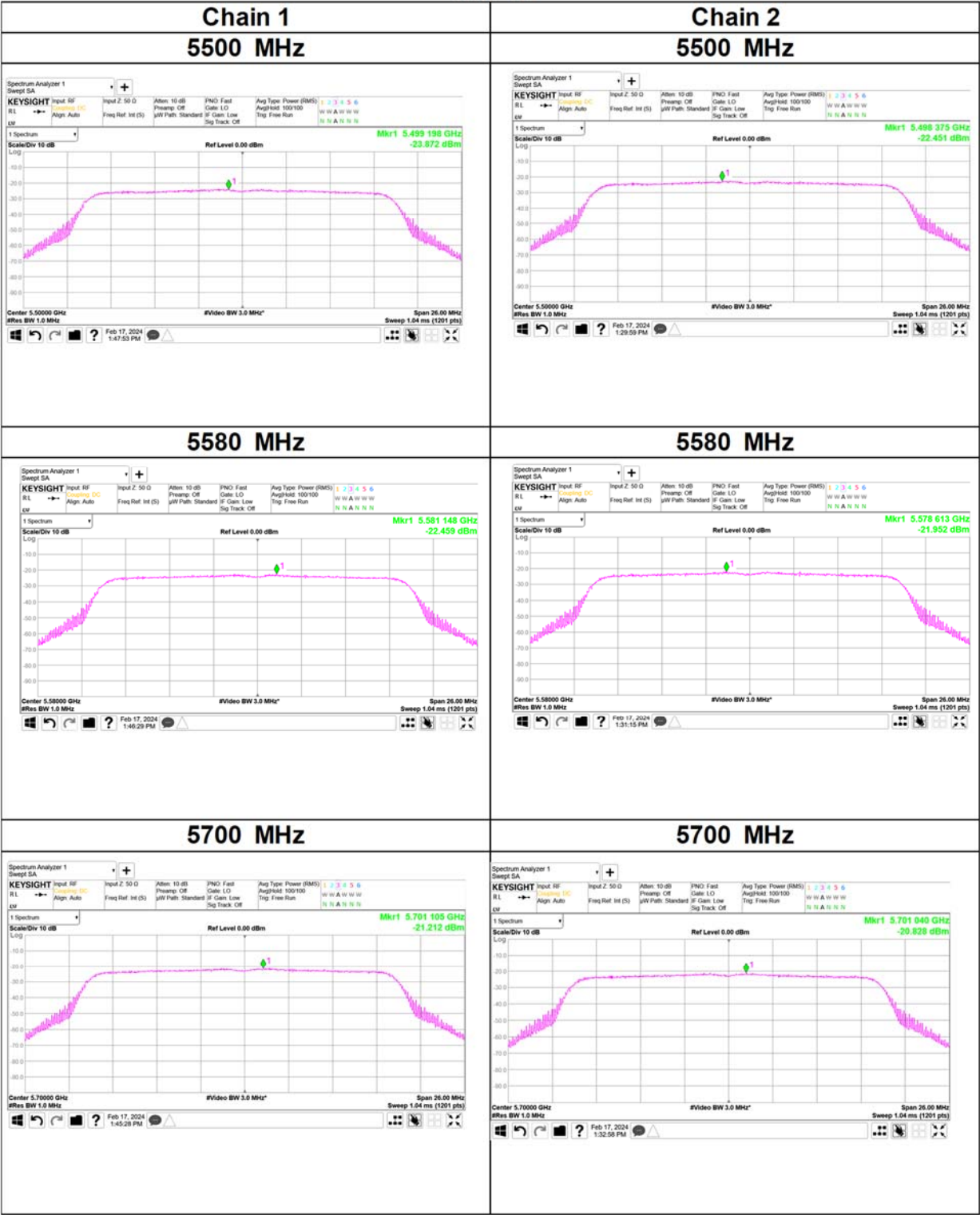


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-20 (CDD)

11ac-20

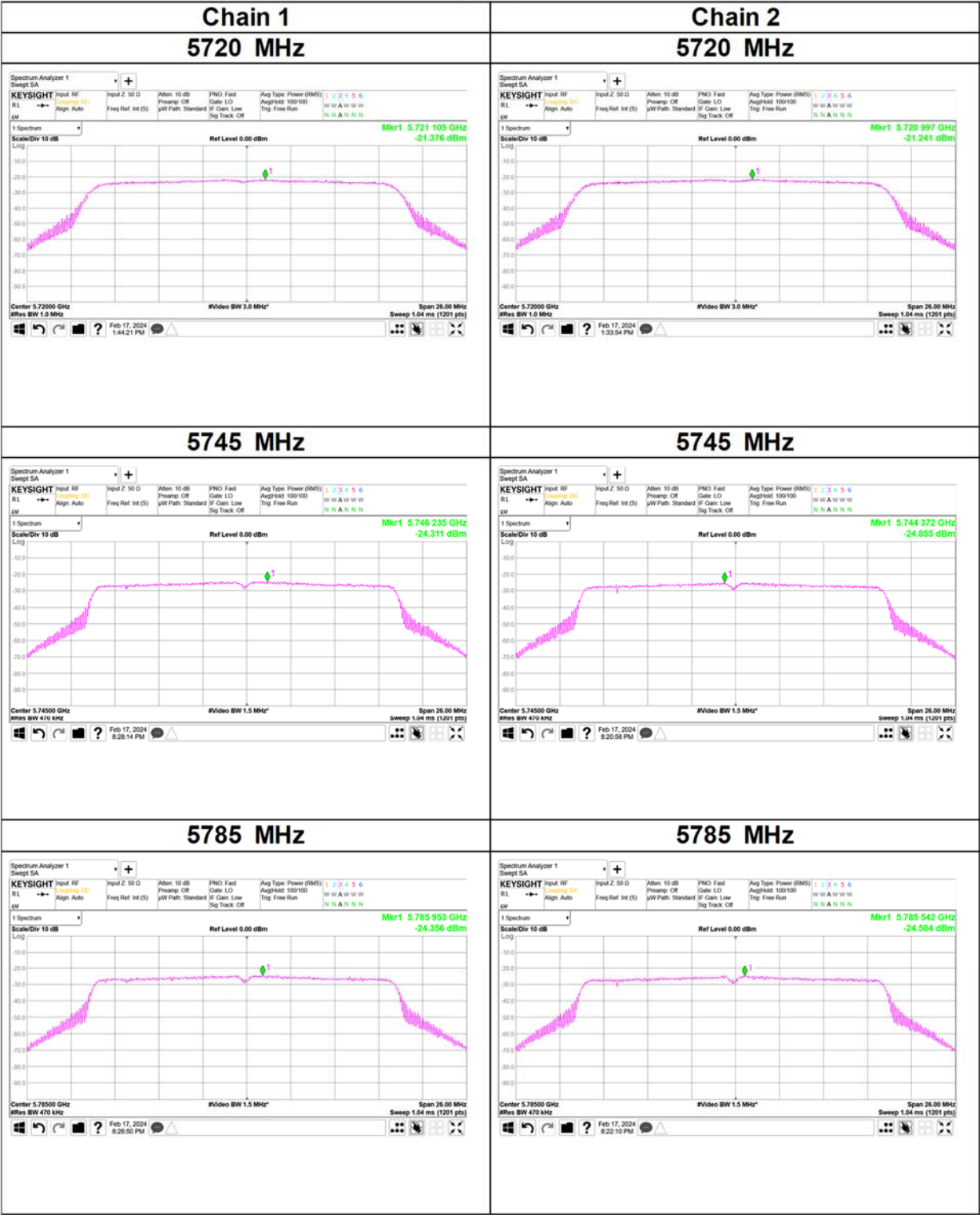


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

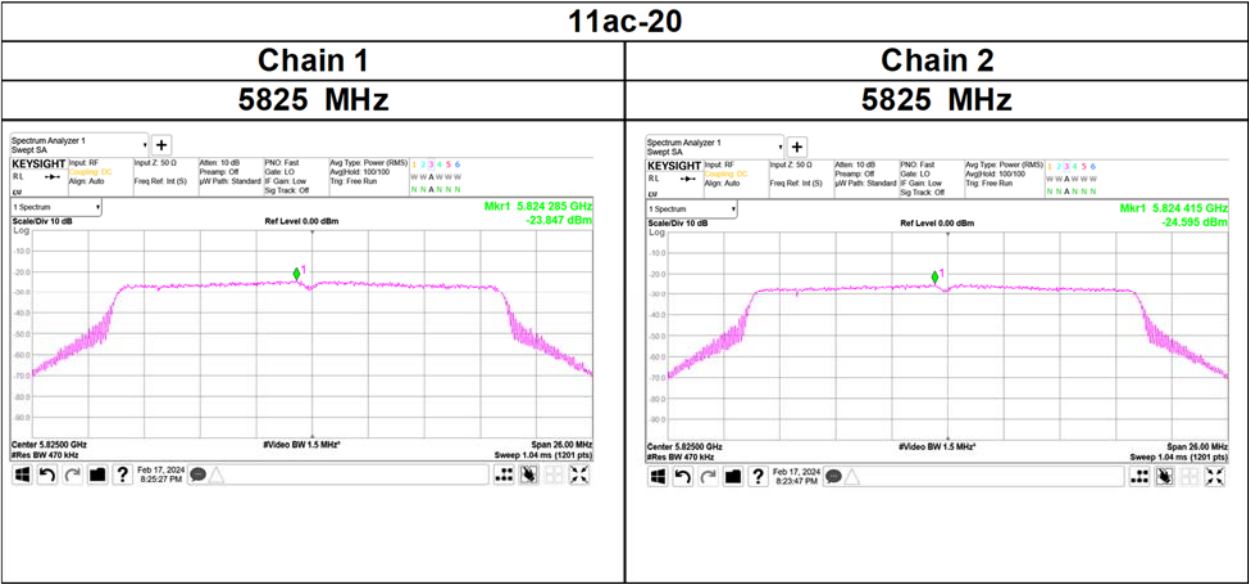
Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-20 (CDD)

11ac-20



Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	February 17, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Hiromasa Sato
Mode	Tx



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11n-40 (CDD)

Chain 1+2

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Chain 1 [mW/MHz]	Antenna Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Chain 1 [mW/MHz]	Antenna Chain 2 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
5190	0.17	0.19	0.36	-4.45	11.00	15.45	0.63	0.71	1.34	1.28	17.00	15.72
5230	0.15	0.17	0.32	-4.93	11.00	15.93	0.55	0.65	1.20	0.80	17.00	16.20
5270	0.12	0.16	0.27	-5.64	11.00	16.64	0.44	0.58	1.02	0.09	17.00	16.91
5310	0.10	0.16	0.26	-5.79	11.00	16.79	0.38	0.60	0.99	-0.06	17.00	17.06
5510	0.12	0.11	0.23	-6.45	11.00	17.45	0.43	0.42	0.85	-0.72	17.00	17.72
5550	0.12	0.09	0.21	-6.80	11.00	17.80	0.43	0.35	0.78	-1.07	17.00	18.07
5670	0.12	0.10	0.21	-6.68	11.00	17.68	0.45	0.36	0.80	-0.95	17.00	17.95
5710	0.13	0.10	0.23	-6.38	11.00	17.38	0.47	0.39	0.86	-0.65	17.00	17.65
5755	0.08	0.06	0.13	-8.83	30.00	38.83	0.28	0.21	0.49	-3.10	36.00	39.10
5795	0.07	0.06	0.13	-8.90	30.00	38.90	0.25	0.23	0.48	-3.17	36.00	39.17

*1)														
Chain 1							Chain 2							
Tested Frequency [MHz]	Duty Factor [dB]	RBW Correction Factor [dB]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]
5190	0.00	0.00	-19.28	1.56	9.98	5.73	-7.74	-2.01	-18.72	1.57	9.95	5.73	-7.20	-1.47
5230	0.00	0.00	-19.86	1.57	9.98	5.73	-8.31	-2.58	-19.14	1.58	9.95	5.73	-7.61	-1.88
5270	0.00	0.00	-20.88	1.56	9.98	5.73	-9.34	-3.61	-19.59	1.57	9.95	5.73	-8.07	-2.34
5310	0.00	0.00	-21.43	1.56	9.98	5.73	-9.89	-4.16	-19.45	1.57	9.95	5.73	-7.93	-2.20
5510	0.00	0.00	-21.04	1.69	9.98	5.73	-9.37	-3.64	-21.21	1.71	9.95	5.73	-9.55	-3.82
5550	0.00	0.00	-21.03	1.69	9.98	5.73	-9.36	-3.63	-21.98	1.71	9.95	5.73	-10.32	-4.59
5670	0.00	0.00	-20.86	1.65	9.98	5.73	-9.23	-3.50	-21.82	1.66	9.95	5.73	-10.21	-4.48
5710	0.00	0.00	-20.61	1.65	9.98	5.73	-8.98	-3.25	-21.45	1.66	9.95	5.73	-9.84	-4.11
5755	0.00	0.27	-23.06	1.57	9.99	5.73	-11.23	-5.50	-24.36	1.58	9.95	5.73	-12.56	-6.83
5795	0.00	0.27	-23.54	1.58	9.99	5.73	-11.70	-5.97	-23.94	1.58	9.96	5.73	-12.13	-6.40

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 + Atten. Loss + Duty Factor + RBW Correction Factor

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

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10\log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

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

Antenna Gain = Maximum Antenna gain

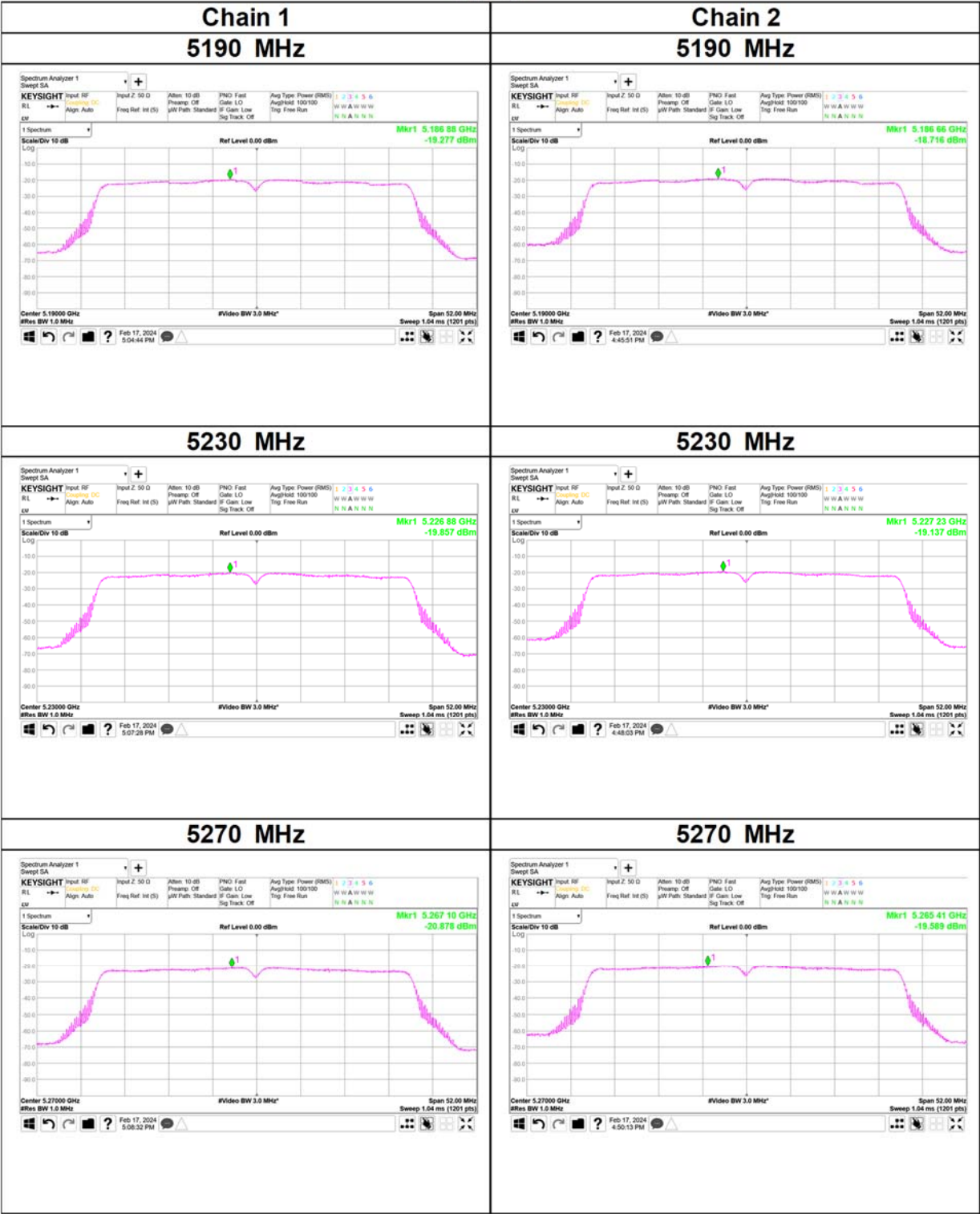
*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-40 (CDD)

11n-40



Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

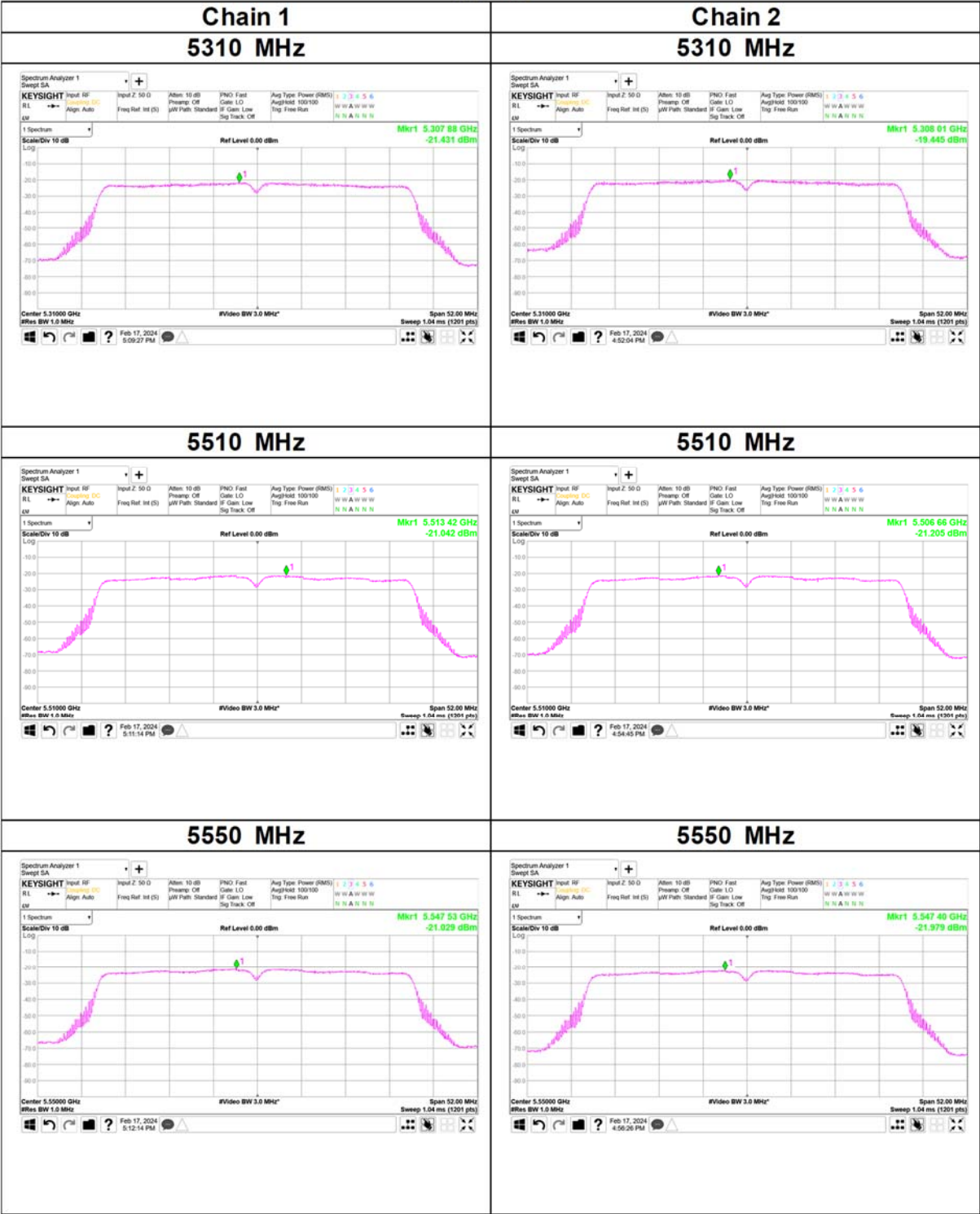
February 17, 2024

23 deg. C / 30 % RH

Hiromasa Sato

Tx 11n-40 (CDD)

11n-40

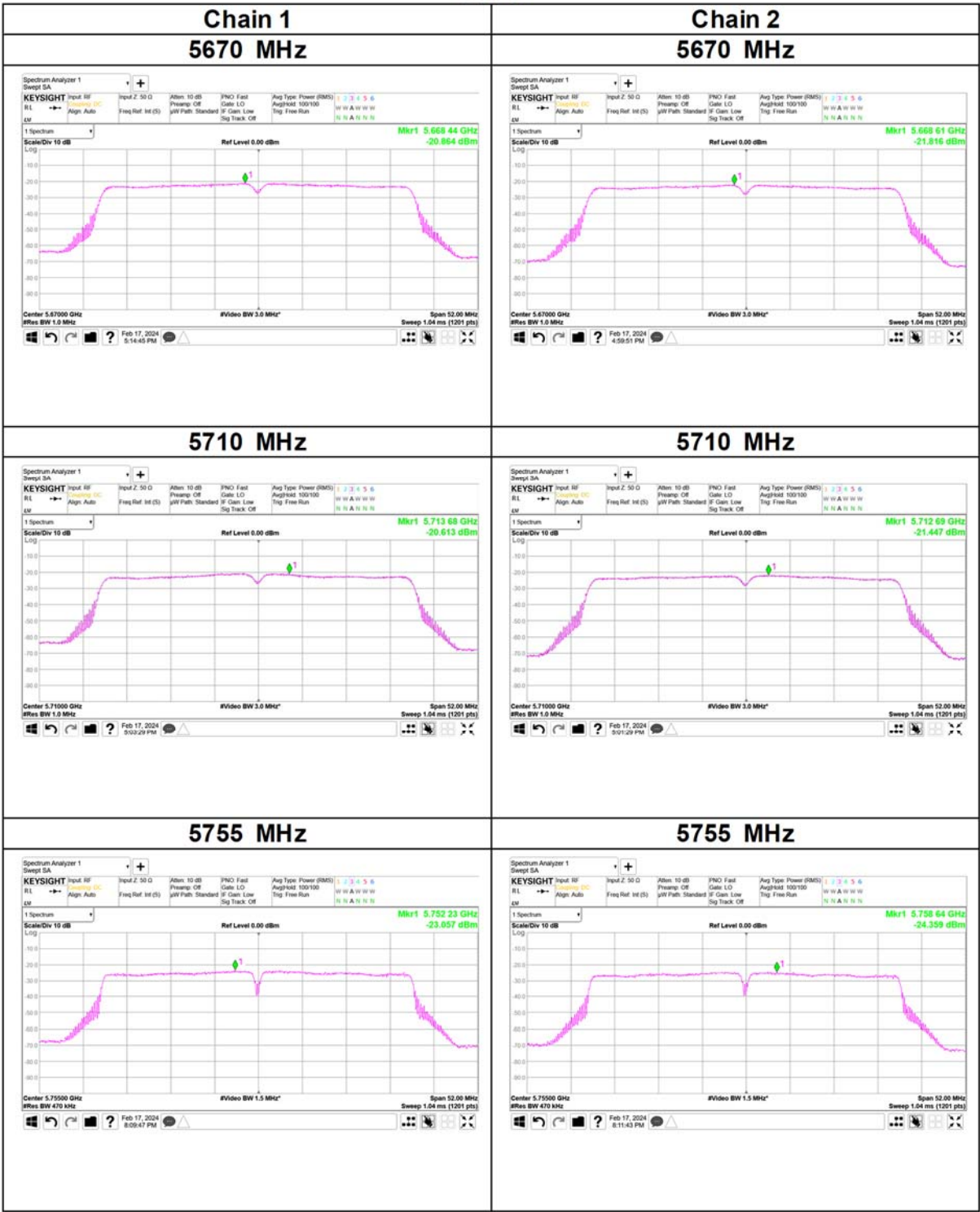


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11n-40 (CDD)

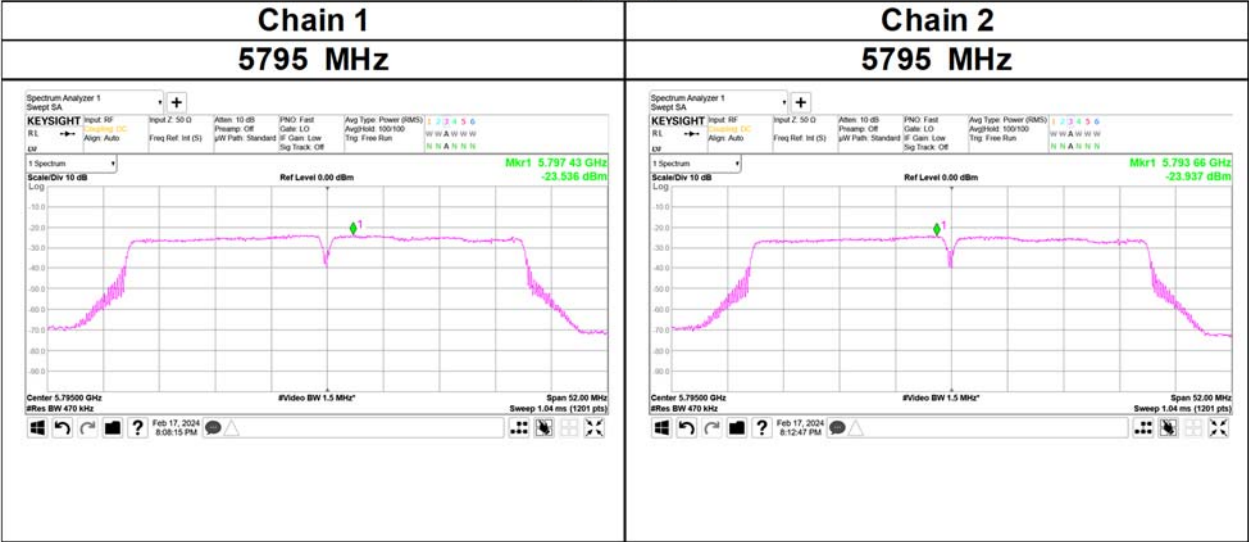
11n-40



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11n-40 (CDD)

11n-40



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11ac-40 (CDD)

Chain 1+2 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
	Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]				Chain 1 [mW/MHz]	Chain 2 [mW/MHz]	Sum [mW/MHz]			
5190	0.07	0.09	0.16	-7.96	11.00	18.96	0.26	0.34	0.60	-2.23	17.00	19.23
5230	0.06	0.07	0.13	-8.70	11.00	19.70	0.22	0.28	0.50	-2.97	17.00	19.97
5270	0.05	0.07	0.12	-9.38	11.00	20.38	0.19	0.25	0.43	-3.65	17.00	20.65
5310	0.04	0.06	0.10	-9.98	11.00	20.98	0.16	0.22	0.38	-4.25	17.00	21.25
5510	0.05	0.05	0.10	-10.21	11.00	21.21	0.18	0.18	0.36	-4.48	17.00	21.48
5550	0.05	0.04	0.09	-10.53	11.00	21.53	0.19	0.14	0.33	-4.80	17.00	21.80
5670	0.05	0.04	0.09	-10.61	11.00	21.61	0.19	0.14	0.33	-4.88	17.00	21.88
5710	0.05	0.04	0.09	-10.23	11.00	21.23	0.20	0.15	0.36	-4.50	17.00	21.50
5755	0.03	0.02	0.05	-13.01	30.00	43.01	0.10	0.09	0.19	-7.28	36.00	43.28
5795	0.03	0.03	0.05	-12.73	30.00	42.73	0.11	0.09	0.20	-7.00	36.00	43.00

Tested Frequency [MHz]	*1)													
	Chain 1							Chain 2						
	Duty Factor [dB]	RBW Correction Factor [dB]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]	PSD Reading [dBm/MHz]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	PSD Result Cond. [dBm/MHz]	PSD Result e.i.r.p. [dBm/MHz]
5190	0.00	0.00	-23.09	1.56	9.98	5.73	-11.55	-5.82	-21.98	1.57	9.95	5.73	-10.46	-4.73
5230	0.00	0.00	-23.78	1.57	9.98	5.73	-12.23	-6.50	-22.79	1.58	9.95	5.73	-11.26	-5.53
5270	0.00	0.00	-24.57	1.56	9.98	5.73	-13.03	-7.30	-23.34	1.57	9.95	5.73	-11.82	-6.09
5310	0.00	0.00	-25.24	1.56	9.98	5.73	-13.70	-7.97	-23.91	1.57	9.95	5.73	-12.39	-6.66
5510	0.00	0.00	-24.91	1.69	9.98	5.73	-13.24	-7.51	-24.86	1.71	9.95	5.73	-13.20	-7.47
5550	0.00	0.00	-24.61	1.69	9.98	5.73	-12.94	-7.21	-25.89	1.71	9.95	5.73	-14.23	-8.50
5670	0.00	0.00	-24.68	1.65	9.98	5.73	-13.05	-7.32	-25.89	1.66	9.95	5.73	-14.28	-8.55
5710	0.00	0.00	-24.25	1.65	9.98	5.73	-12.62	-6.89	-25.56	1.66	9.95	5.73	-13.95	-8.22
5755	0.00	0.27	-27.47	1.57	9.99	5.73	-15.64	-9.91	-28.23	1.58	9.95	5.73	-16.43	-10.70
5795	0.00	0.27	-27.33	1.58	9.99	5.73	-15.50	-9.77	-27.80	1.58	9.96	5.73	-15.99	-10.26

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 + Atten. Loss + Duty Factor + RBW Correction Factor

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

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10 \log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

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

Antenna Gain = Maximum Antenna gain

*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place

Date

Temperature / Humidity

Engineer

Mode

Shonan EMC Lab. No.2 Measurement Room

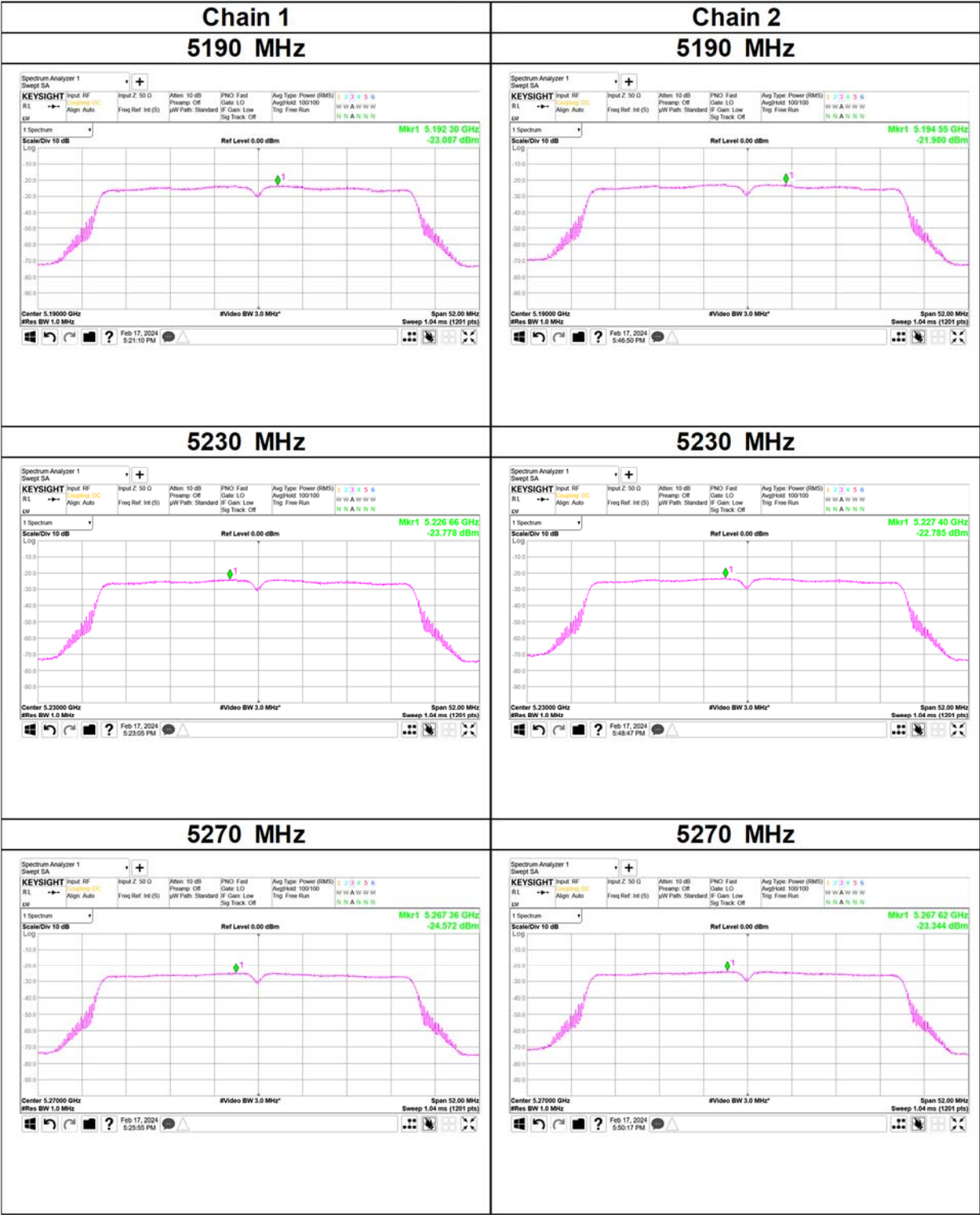
February 17, 2024

23 deg. C / 30 % RH

Hiromasa Sato

Tx 11ac-40 (CDD)

11ac-40

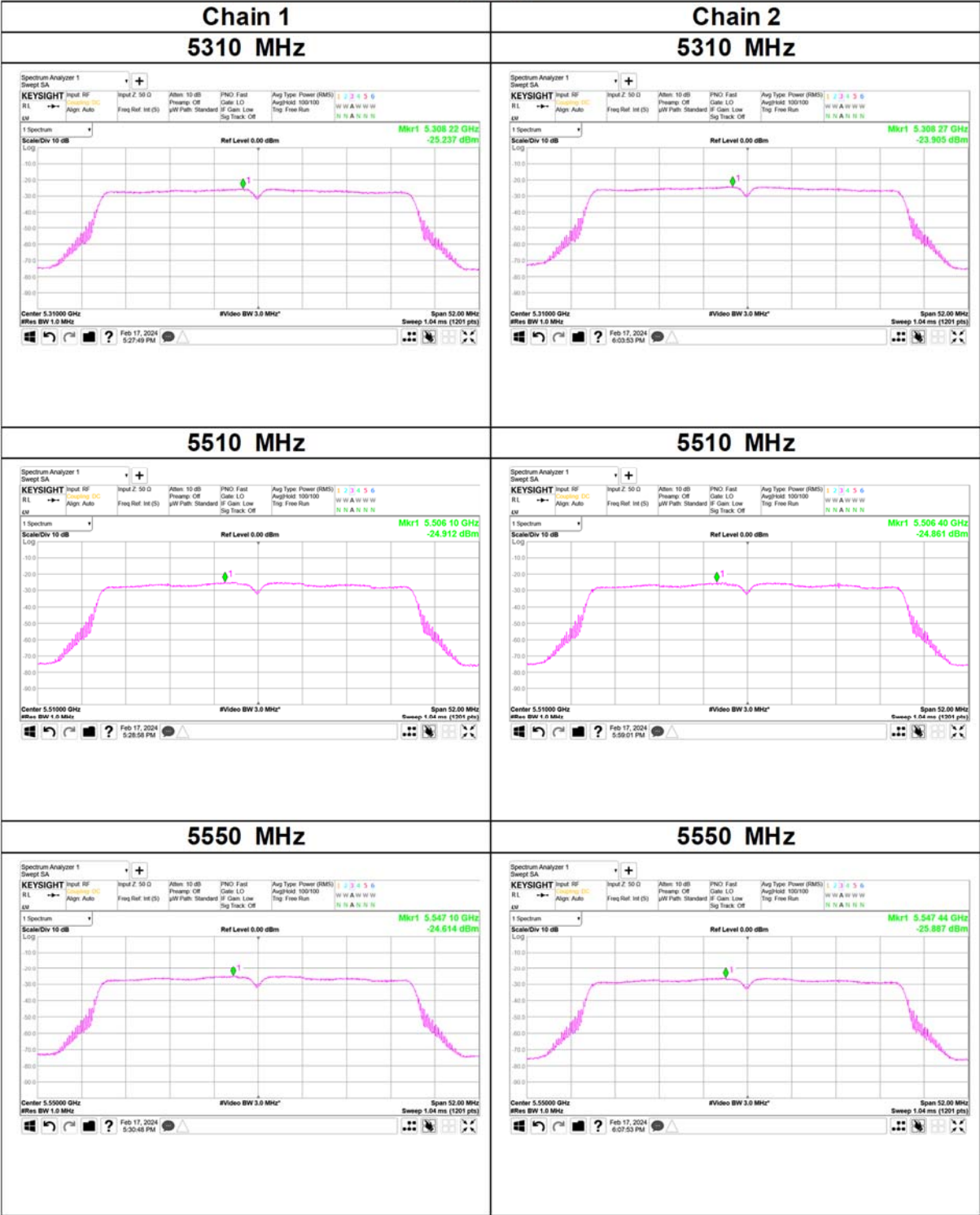


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-40 (CDD)

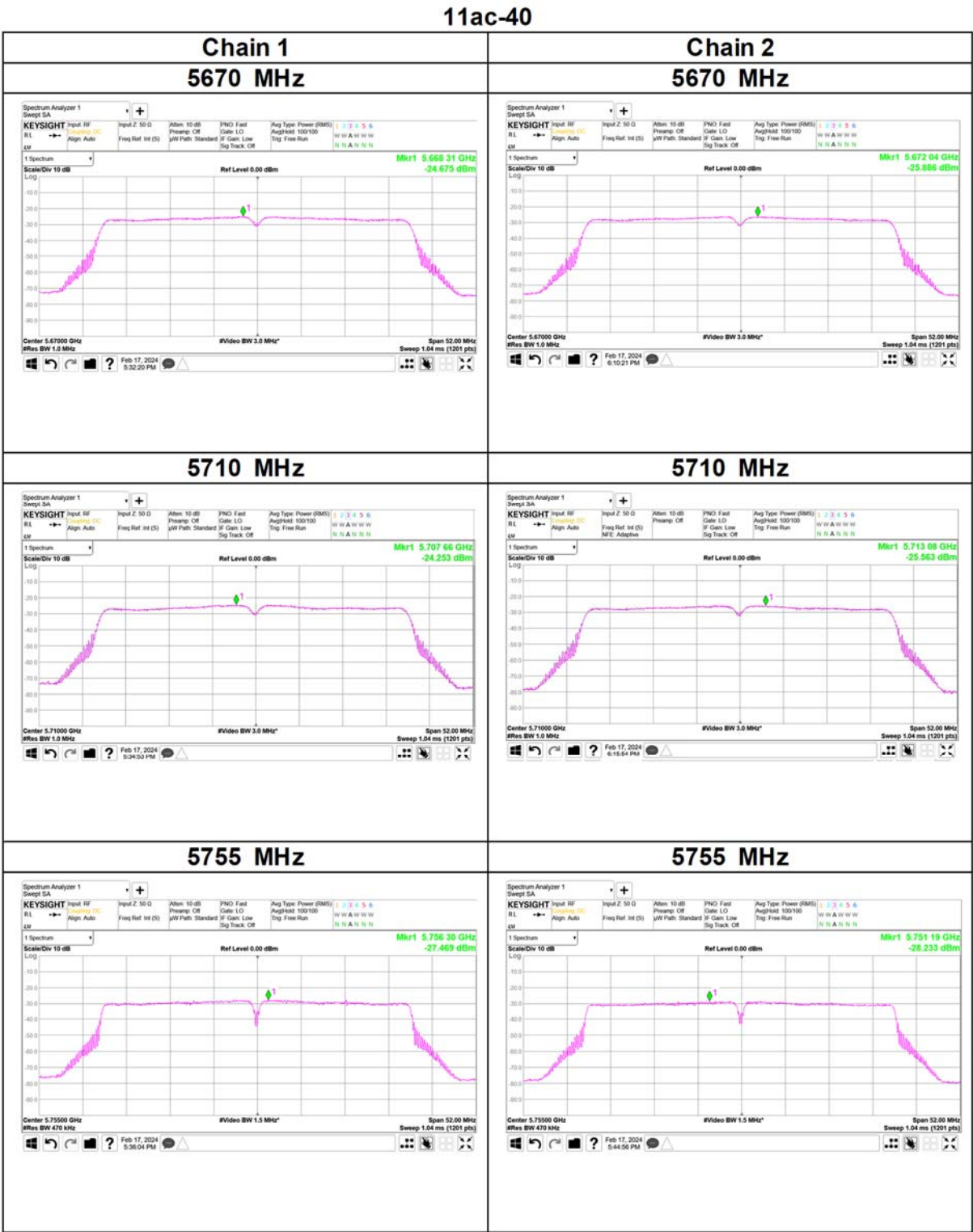
11ac-40



Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

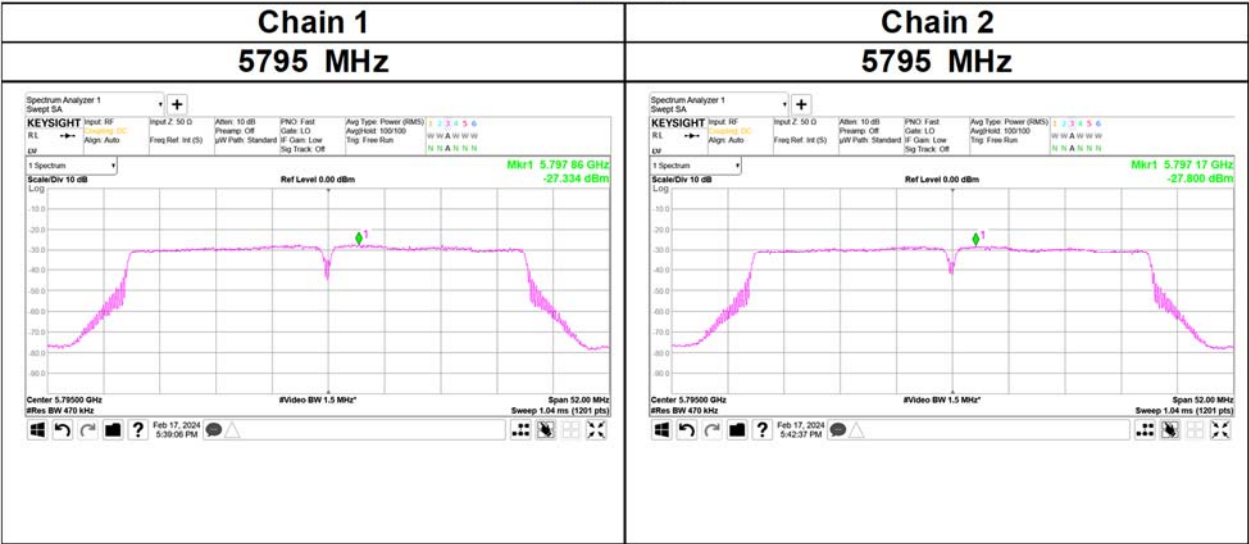
Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-40 (CDD)



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11ac-40 (CDD)

11ac-40



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.2 Measurement Room
Date February 17, 2024
Temperature / Humidity 23 deg. C / 30 % RH
Engineer Hiromasa Sato
Mode Tx 11ac-80 (CDD)

Chain 1+2							Applied limit: 15.407, mobile and portable client device						
Tested Frequency	PSD (Conducted)						PSD (e.i.r.p.)						
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin	
	Chain 1	Chain 2	Sum				Chain 1	Chain 2	Sum				
	[MHz]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5210	0.03	0.03	0.06	-11.88	11.00	22.88	0.11	0.13	0.24	-6.15	17.00	23.15	
5290	0.02	0.03	0.05	-13.17	11.00	24.17	0.07	0.11	0.18	-7.44	17.00	24.44	
5530	0.02	0.02	0.04	-13.80	11.00	24.80	0.08	0.07	0.16	-8.07	17.00	25.07	
5610	0.02	0.02	0.04	-14.26	11.00	25.26	0.08	0.06	0.14	-8.53	17.00	25.53	
5690	0.02	0.02	0.04	-13.93	11.00	24.93	0.09	0.06	0.15	-8.20	17.00	25.20	
5775	0.01	0.01	0.02	-16.46	30.00	46.46	0.04	0.04	0.08	-10.73	36.00	46.73	

*1)			Chain 1						Chain 2					
Tested Frequency	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5210	0.00	0.00	-26.76	1.57	9.98	5.73	-15.21	-9.48	-26.11	1.57	9.95	5.73	-14.59	-8.86
5290	0.00	0.00	-28.57	1.56	9.98	5.73	-17.03	-11.30	-26.99	1.57	9.95	5.73	-15.47	-9.74
5530	0.00	0.00	-28.15	1.69	9.98	5.73	-16.48	-10.75	-28.83	1.71	9.95	5.73	-17.17	-11.44
5610	0.00	0.00	-28.29	1.64	9.98	5.73	-16.67	-10.94	-29.57	1.65	9.95	5.73	-17.97	-12.24
5690	0.00	0.00	-27.91	1.65	9.98	5.73	-16.28	-10.55	-29.33	1.66	9.95	5.73	-17.72	-11.99
5775	0.00	0.27	-31.11	1.58	9.99	5.73	-19.27	-13.54	-31.50	1.58	9.96	5.73	-19.69	-13.96

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 * log (Specified bandwidth / Measured bandwidth)
PSD Result (Conducted) = Reading + Cable Loss + Atten. Loss + Duty Factor + RBW Correction Factor
PSD Result (e.i.r.p.) = Conducted PSD Result + Directional Gain
Directional Gain = Antenna Gain + Array Gain, Array Gain = 10log(Number of transmit antennas / Number of spatial streams)
Number of transmit antennas = 2, Number of spatial streams = 1
Antenna Gain = Maximum Antenna gain

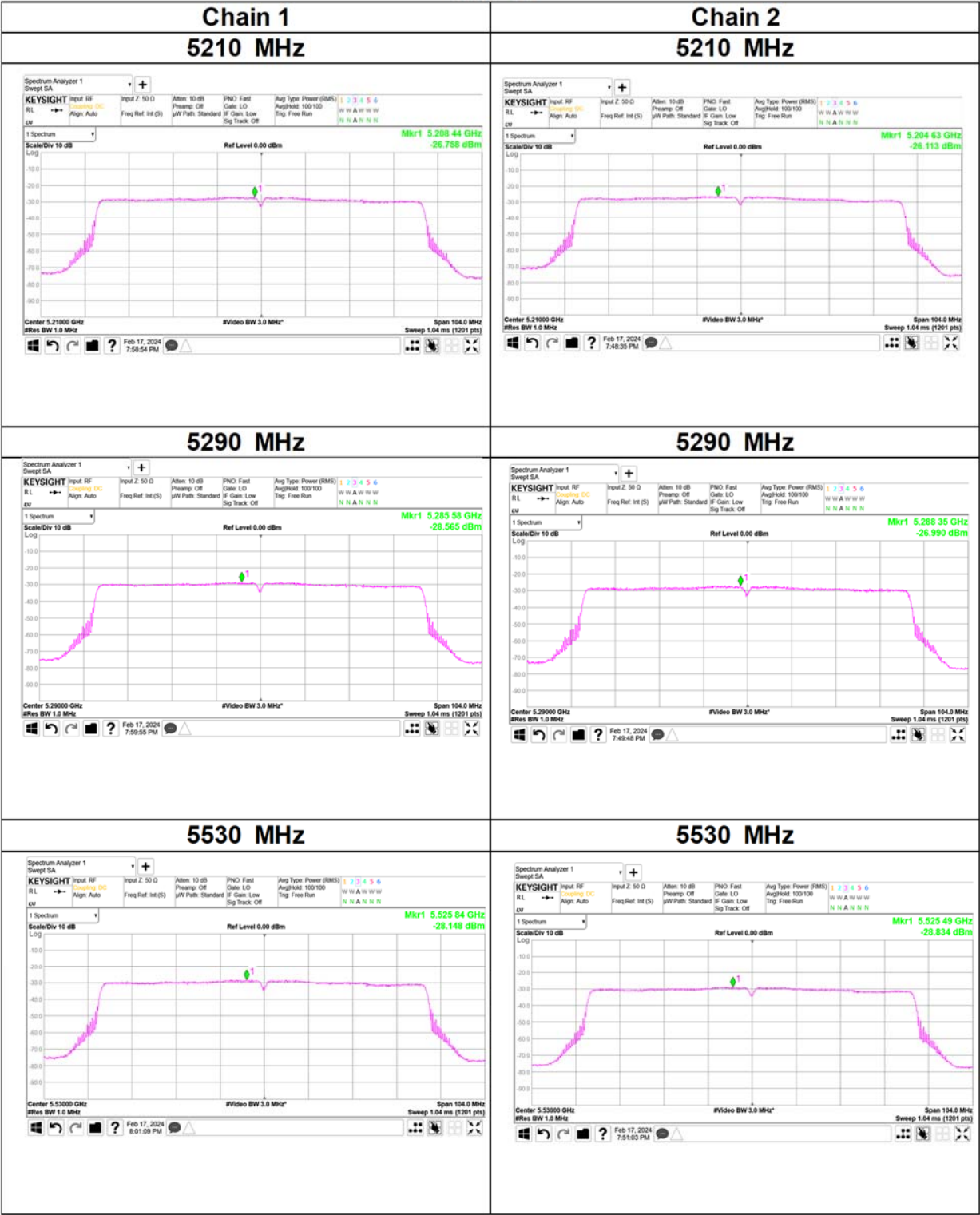
*1) Power density was measured with using the gate function of spectrum analyzer.

Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-80 (CDD)

11ac-80

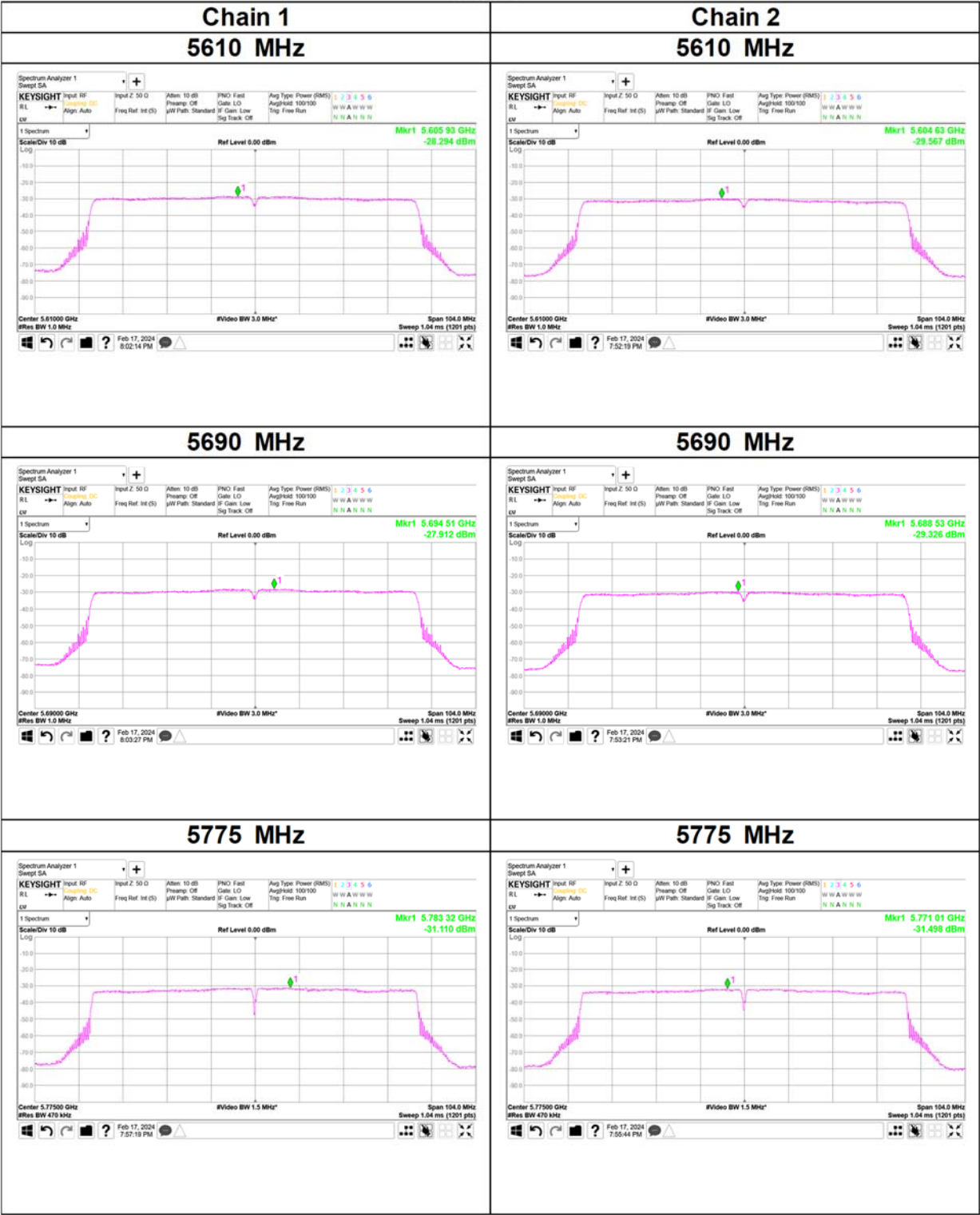


Maximum Power Spectral Density

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.2 Measurement Room
February 17, 2024
23 deg. C / 30 % RH
Hiromasa Sato
Tx 11ac-80 (CDD)

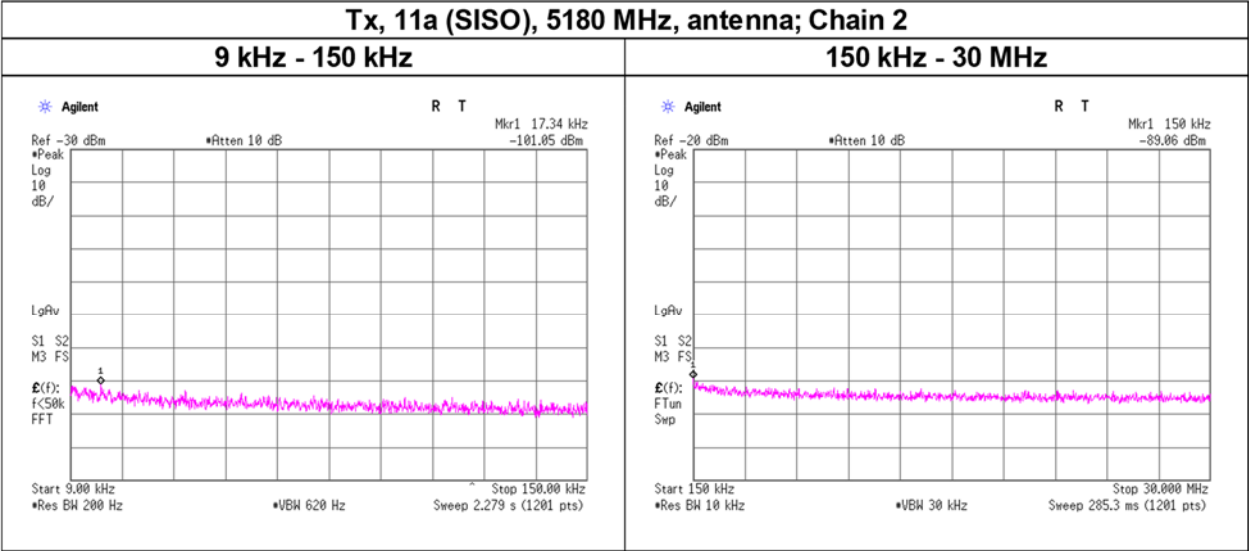
11ac-80



Conducted Spurious Emission

Test place
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.1 Wireless Shielded Room
February 7, 2024
24 deg. C / 26 % RH
Masahide Ozaki
Tx 11a (SISO) 5180 MHz



FREQ	Reading	Cable Loss	Attenuator Loss	Antenna Gain	N (Number of output)	EIRP	Distance	Ground bounce	E (field Strength)	Limit	Margin
[kHz]	[dBm]	[dB]	[dB]	[dB]		[dBm]	[m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]
17.3	-101.05	0.02	9.90	2.71	1	-88.42	300.00	6.00	-27.17	42.80	69.97
150.0	-89.06	0.02	9.90	2.71	1	-76.43	300.00	6.00	-15.18	24.00	39.18

$E \text{ [dBuV/m]} = \text{EIRP [dBm]} - 20 \times \log (\text{Distance [m]}) + \text{Ground bounce [dB]} + 104.8 \text{ [dBuV/m]}$
 $\text{EIRP [dBm]} = \text{Reading [dBm]} + \text{Cable Loss [dB]} + \text{Attenuator Loss [dB]} + \text{Antenna Gain [dBi]} + 10 \times \log (N)$
N: Number of output port

APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	145095	Digital Tester	SANWA	PC500	7019224	2023/05/25	12
AT	145800	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250106	2023/03/01	12
AT	145801	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250152	2023/09/23	12
AT	146268	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3006W	15100041SNO73	2023/05/30	12
AT	146269	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3006W	15100041SNO74	2023/05/30	12
AT	146362	Thermo-Hygrometer	CUSTOM. Inc	CTH-190	K-07	2023/08/03	12
AT	191840	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2023/08/03	12
AT	197395	Microwave cable	RS Pro	R-132G7210 100CO	-	2023/04/06	12
AT	197396	Microwave cable	RS Pro	R-132G7210 100CO	-	2023/04/12	12
AT	204924	Terminator	Weinschel - API Technologies Corp	M1459A	110107	2024/02/14	12
AT	235639	DIGITAL MULTIMETER	HIOKI E.E. CORPORATION	DT4261	230313156	2023/05/26	12
AT	235739	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2023/04/26	12
AT	236376	Microwave cable	RS Pro	R-132G7210 100CO	-	2023/04/27	12
AT	236377	Microwave cable	RS Pro	R-132G7210 100CO	-	2023/04/27	12
AT	239651	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001219/2	2023/08/22	12
AT	239652	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001220/2	2023/08/22	12
AT	240499	Spectrum Analyzer	Keysight Technologies Inc	N9020B	MY59050557	2023/10/21	12
AT	242067	Attenuator	Weinschel Corp.	54A-10	120523	2023/11/02	12
AT	242068	Attenuator	Weinschel Corp.	54A-10	120524	2023/11/02	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test