

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date March 22, 2024
Temperature / Humidity 23 deg. C / 36 % RH
Engineer Yuta Shiba
Mode Tx 11ax-160 (OFDMA) 242-tone RU (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	Segment	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
			Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
			5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6665	0	61	0.17	0.14	0.32	-4.99	-	-	0.27	0.22	0.49	-3.11	-1.00	2.11
	0	64	0.17	0.14	0.31	-5.03	-	-	0.27	0.22	0.48	-3.15	-1.00	2.15
	1	64	0.14	0.11	0.25	-6.00	-	-	0.22	0.17	0.39	-4.12	-1.00	3.12
6825	0	61	0.19	0.14	0.33	-4.81	-	-	0.30	0.21	0.51	-2.93	-1.00	1.93
	0	64	0.17	0.13	0.30	-5.20	-	-	0.27	0.20	0.47	-3.32	-1.00	2.32
	1	64	0.15	0.11	0.26	-5.91	-	-	0.23	0.17	0.40	-4.03	-1.00	3.03
6985	0	61	0.20	0.15	0.35	-4.55	-	-	0.31	0.23	0.54	-2.67	-1.00	1.67
	0	64	0.20	0.14	0.34	-4.70	-	-	0.30	0.22	0.52	-2.82	-1.00	1.82
	1	64	0.16	0.13	0.29	-5.42	-	-	0.25	0.19	0.44	-3.54	-1.00	2.54

				5G CH0						5G CH1					
Tested Frequency	Segment	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.
[MHz]			[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6665	0	61	0.02	-29.96	2.16	20.15	1.88	-7.62	-5.74	-30.69	2.10	20.16	1.88	-8.41	-6.53
	0	64	0.02	-29.91	2.16	20.15	1.88	-7.58	-5.70	-30.83	2.10	20.16	1.88	-8.55	-6.67
	1	64	0.02	-30.82	2.16	20.15	1.88	-8.48	-6.60	-31.89	2.10	20.16	1.88	-9.61	-7.73
6825	0	61	0.02	-29.53	2.20	20.15	1.88	-7.17	-5.29	-30.88	2.11	20.16	1.88	-8.60	-6.72
	0	64	0.02	-29.99	2.20	20.15	1.88	-7.62	-5.74	-31.18	2.11	20.16	1.88	-8.89	-7.01
	1	64	0.02	-30.70	2.20	20.15	1.88	-8.33	-6.45	-31.89	2.11	20.16	1.88	-9.60	-7.72
6985	0	61	0.02	-29.39	2.26	20.15	1.88	-6.96	-5.08	-30.59	2.14	20.16	1.88	-8.27	-6.39
	0	64	0.02	-29.53	2.26	20.15	1.88	-7.10	-5.22	-30.74	2.14	20.16	1.88	-8.42	-6.54
	1	64	0.02	-30.37	2.26	20.15	1.88	-7.94	-6.06	-31.30	2.14	20.16	1.88	-8.98	-7.10

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.8 Shielded Room
Date April 16, 2024
Temperature / Humidity 26 deg. C / 31 % RH
Engineer Yuta Shiba
Mode Tx 11ax-160 (OFDMA) 484-tone RU (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	Segment	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
			Antenna 5G_CH0 [mW/MHz]	Antenna 5G_CH1 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Antenna 5G_CH0 [mW/MHz]	Antenna 5G_CH1 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6025	0	65	0.18	0.16	0.34	-4.69	-	-	0.28	0.25	0.52	-2.81	-1.00	1.81
	0	66	0.20	0.18	0.38	-4.25	-	-	0.31	0.27	0.58	-2.37	-1.00	1.37
	1	66	0.20	0.17	0.38	-4.23	-	-	0.31	0.27	0.58	-2.35	-1.00	1.35
6185	0	65	0.18	0.15	0.33	-4.80	-	-	0.28	0.23	0.51	-2.92	-1.00	1.92
	0	66	0.20	0.18	0.38	-4.20	-	-	0.32	0.27	0.59	-2.32	-1.00	1.32
	1	66	0.22	0.18	0.39	-4.05	-	-	0.33	0.27	0.61	-2.17	-1.00	1.17
6345	0	65	0.20	0.20	0.40	-3.97	-	-	0.31	0.31	0.62	-2.09	-1.00	1.09
	0	66	0.20	0.20	0.40	-3.99	-	-	0.31	0.31	0.61	-2.11	-1.00	1.11
	1	66	0.22	0.19	0.41	-3.82	-	-	0.34	0.30	0.64	-1.94	-1.00	0.94
6505	0	65	0.21	0.17	0.38	-4.20	-	-	0.32	0.26	0.59	-2.32	-1.00	1.32
	0	66	0.21	0.16	0.36	-4.41	-	-	0.32	0.24	0.56	-2.53	-1.00	1.53
	1	66	0.18	0.14	0.32	-4.89	-	-	0.28	0.22	0.50	-3.01	-1.00	2.01

				5G_CH0				5G_CH1							
Tested Frequency	Segment	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.
[MHz]			[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6025	0	65	0.04	-29.66	1.96	20.17	1.88	-7.48	-5.60	-30.13	2.00	20.16	1.88	-7.93	-6.05
	0	66	0.04	-29.19	1.96	20.17	1.88	-7.02	-5.14	-29.73	2.00	20.16	1.88	-7.53	-5.65
	1	66	0.04	-29.08	1.96	20.17	1.88	-6.91	-5.03	-29.81	2.00	20.16	1.88	-7.60	-5.72
6185	0	65	0.04	-29.56	2.00	20.17	1.88	-7.35	-5.47	-30.55	2.01	20.16	1.88	-8.33	-6.45
	0	66	0.04	-29.10	2.00	20.17	1.88	-6.89	-5.01	-29.77	2.01	20.16	1.88	-7.55	-5.67
	1	66	0.04	-28.86	2.00	20.17	1.88	-6.65	-4.77	-29.73	2.01	20.16	1.88	-7.51	-5.63
6345	0	65	0.04	-29.23	2.04	20.16	1.88	-6.98	-5.10	-29.20	2.03	20.16	1.88	-6.97	-5.09
	0	66	0.04	-29.27	2.04	20.16	1.88	-7.02	-5.14	-29.21	2.03	20.16	1.88	-6.98	-5.10
	1	66	0.04	-28.78	2.04	20.16	1.88	-6.53	-4.65	-29.38	2.03	20.16	1.88	-7.15	-5.27
6505	0	65	0.04	-29.10	2.10	20.15	1.88	-6.80	-4.92	-29.93	2.07	20.16	1.88	-7.66	-5.78
	0	66	0.04	-29.16	2.10	20.15	1.88	-6.86	-4.98	-30.32	2.07	20.16	1.88	-8.05	-6.17
	1	66	0.04	-29.72	2.10	20.15	1.88	-7.43	-5.55	-30.70	2.07	20.16	1.88	-8.43	-6.55

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.8 Shielded Room
Date April 16, 2024
Temperature / Humidity 26 deg. C / 31 % RH
Engineer Yuta Shiba
Mode Tx 11ax-160 (OFDMA) 484-tone RU (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	Segment	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
			Antenna 5G_CH0 [mW/MHz]	Antenna 5G_CH1 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]	Antenna 5G_CH0 [mW/MHz]	Antenna 5G_CH1 [mW/MHz]	Sum [mW/MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6665	0	65	0.20	0.17	0.37	-4.31	-	-	0.31	0.27	0.57	-2.43	-1.00	1.43
	0	66	0.23	0.17	0.40	-4.03	-	-	0.35	0.26	0.61	-2.15	-1.00	1.15
	1	66	0.18	0.15	0.33	-4.86	-	-	0.28	0.23	0.50	-2.98	-1.00	1.98
6825	0	65	0.25	0.18	0.44	-3.60	-	-	0.39	0.28	0.67	-1.72	-1.00	0.72
	0	66	0.24	0.17	0.42	-3.79	-	-	0.38	0.27	0.64	-1.91	-1.00	0.91
	1	66	0.19	0.14	0.33	-4.75	-	-	0.29	0.22	0.52	-2.87	-1.00	1.87
6985	0	65	0.24	0.18	0.42	-3.80	-	-	0.37	0.27	0.64	-1.92	-1.00	0.92
	0	66	0.23	0.16	0.39	-4.04	-	-	0.36	0.25	0.61	-2.16	-1.00	1.16
	1	66	0.15	0.12	0.27	-5.71	-	-	0.23	0.18	0.41	-3.83	-1.00	2.83

				5G_CH0						5G_CH1					
Tested Frequency	Segment	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.
[MHz]			[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6665	0	65	0.04	-29.39	2.16	20.15	1.88	-7.03	-5.15	-29.94	2.10	20.16	1.88	-7.64	-5.76
	0	66	0.04	-28.83	2.16	20.15	1.88	-6.47	-4.59	-30.01	2.10	20.16	1.88	-7.71	-5.83
	1	66	0.04	-29.84	2.16	20.15	1.88	-7.49	-5.61	-30.59	2.10	20.16	1.88	-8.28	-6.40
6825	0	65	0.04	-28.37	2.20	20.15	1.88	-5.98	-4.10	-29.65	2.11	20.16	1.88	-7.34	-5.46
	0	66	0.04	-28.51	2.20	20.15	1.88	-6.12	-4.24	-29.91	2.11	20.16	1.88	-7.60	-5.72
	1	66	0.04	-29.58	2.20	20.15	1.88	-7.19	-5.31	-30.73	2.11	20.16	1.88	-8.42	-6.54
6985	0	65	0.04	-28.67	2.26	20.15	1.88	-6.22	-4.34	-29.84	2.14	20.16	1.88	-7.50	-5.62
	0	66	0.04	-28.81	2.26	20.15	1.88	-6.36	-4.48	-30.22	2.14	20.16	1.88	-7.88	-6.00
	1	66	0.04	-30.69	2.26	20.15	1.88	-8.24	-6.36	-31.59	2.14	20.16	1.88	-9.25	-7.37

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.8 Shielded Room
Date April 16, 2024
Temperature / Humidity 26 deg. C / 31 % RH
Engineer Yuta Shiba
Mode Tx 11ax-160 (OFDMA) 996-tone RU (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	Segment	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
			Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
			5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]				5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]			
6025	0	67	0.18	0.20	0.38	-4.23	-	-	0.27	0.31	0.58	-2.35	-1.00	1.35
	1	67	0.20	0.20	0.40	-4.03	-	-	0.30	0.31	0.61	-2.15	-1.00	1.15
6185	0	67	0.18	0.16	0.35	-4.62	-	-	0.28	0.25	0.53	-2.74	-1.00	1.74
	1	67	0.21	0.19	0.40	-3.96	-	-	0.32	0.30	0.62	-2.08	-1.00	1.08
6345	0	67	0.21	0.19	0.40	-3.97	-	-	0.32	0.30	0.62	-2.09	-1.00	1.09
	1	67	0.21	0.18	0.39	-4.04	-	-	0.33	0.28	0.61	-2.16	-1.00	1.16
6505	0	67	0.20	0.20	0.40	-3.95	-	-	0.31	0.31	0.62	-2.07	-1.00	1.07
	1	67	0.18	0.17	0.35	-4.53	-	-	0.29	0.26	0.54	-2.65	-1.00	1.65

				5G_CH0				5G_CH1							
Tested Frequency	Segment	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
[MHz]			[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.
6025	0	67	0.08	-29.79	1.96	20.17	1.88	-7.57	-5.69	-29.17	2.00	20.16	1.88	-6.93	-5.05
	1	67	0.08	-29.30	1.96	20.17	1.88	-7.08	-5.20	-29.25	2.00	20.16	1.88	-7.01	-5.13
6185	0	67	0.08	-29.69	2.00	20.17	1.88	-7.44	-5.56	-30.09	2.01	20.16	1.88	-7.83	-5.95
	1	67	0.08	-29.04	2.00	20.17	1.88	-6.79	-4.91	-29.42	2.01	20.16	1.88	-7.17	-5.29
6345	0	67	0.08	-29.13	2.04	20.16	1.88	-6.84	-4.96	-29.40	2.03	20.16	1.88	-7.12	-5.24
	1	67	0.08	-29.02	2.04	20.16	1.88	-6.73	-4.85	-29.66	2.03	20.16	1.88	-7.39	-5.51
6505	0	67	0.08	-29.24	2.10	20.15	1.88	-6.90	-5.02	-29.34	2.07	20.16	1.88	-7.03	-5.15
	1	67	0.08	-29.67	2.10	20.15	1.88	-7.33	-5.45	-30.06	2.07	20.16	1.88	-7.76	-5.88

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency [MHz]	Segment	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
			Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
			5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]				5G_CH0 [mW/MHz]	5G_CH1 [mW/MHz]	Sum [mW/MHz]			
6665	0	67	0.22	0.19	0.41	-3.88	-	-	0.34	0.30	0.63	-2.00	-1.00	1.00
	1	67	0.21	0.18	0.39	-4.06	-	-	0.32	0.28	0.61	-2.18	-1.00	1.18
6825	0	67	0.26	0.20	0.46	-3.37	-	-	0.40	0.31	0.71	-1.49	-1.00	0.49
	1	67	0.22	0.17	0.39	-4.08	-	-	0.33	0.27	0.60	-2.20	-1.00	1.20
6985	0	67	0.26	0.20	0.46	-3.33	-	-	0.41	0.31	0.72	-1.45	-1.00	0.45
	1	67	0.19	0.16	0.35	-4.51	-	-	0.30	0.25	0.55	-2.63	-1.00	1.63

5G_CH0										5G_CH1					
Tested Frequency	Segment	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result Cond.	e.i.r.p.
[MHz]			[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6665	0	67	0.08	-29.02	2.16	20.15	1.88	-6.62	-4.74	-29.51	2.10	20.16	1.88	-7.17	-5.29
	1	67	0.08	-29.19	2.16	20.15	1.88	-6.79	-4.91	-29.71	2.10	20.16	1.88	-7.37	-5.49
6825	0	67	0.08	-28.29	2.20	20.15	1.88	-5.87	-3.99	-29.32	2.11	20.16	1.88	-6.97	-5.09
	1	67	0.08	-29.08	2.20	20.15	1.88	-6.66	-4.78	-29.92	2.11	20.16	1.88	-7.57	-5.69
6985	0	67	0.08	-28.26	2.26	20.15	1.88	-5.77	-3.89	-29.37	2.14	20.16	1.88	-6.99	-5.11
	1	67	0.08	-29.63	2.26	20.15	1.88	-7.14	-5.26	-30.30	2.14	20.16	1.88	-7.92	-6.04

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.8 Shielded Room
Date April 16, 2024
Temperature / Humidity 26 deg. C / 31 % RH
Engineer Yuta Shiba
Mode Tx 11ax-160 (OFDMA) 996x2-tone RU (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna		Sum	Result	Limit	Margin	Antenna		Sum	Result	Limit	Margin
[MHz]		5G_CH0	5G_CH1					5G_CH0	5G_CH1				
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6025	68	0.10	0.11	0.20	-6.97	-	-	0.15	0.16	0.31	-5.09	-1.00	4.09
6185	68	0.09	0.10	0.20	-7.05	-	-	0.15	0.16	0.30	-5.17	-1.00	4.17
6345	68	0.11	0.09	0.20	-6.94	-	-	0.17	0.14	0.31	-5.06	-1.00	4.06
6505	68	0.10	0.09	0.19	-7.15	-	-	0.15	0.15	0.30	-5.27	-1.00	4.27

5G_CH0									5G_CH1					
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6025	68	0.08	-32.43	1.96	20.17	1.88	-10.21	-8.33	-32.00	2.00	20.16	1.88	-9.76	-7.88
6185	68	0.08	-32.49	2.00	20.17	1.88	-10.24	-8.36	-32.14	2.01	20.16	1.88	-9.88	-8.00
6345	68	0.08	-31.92	2.04	20.16	1.88	-9.64	-7.76	-32.55	2.03	20.16	1.88	-10.28	-8.40
6505	68	0.08	-32.42	2.10	20.15	1.88	-10.08	-8.20	-32.55	2.07	20.16	1.88	-10.24	-8.36

Sample Calculation:

PSD: Power Spectral Density

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

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

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

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

5G_CH0 + 5G_CH1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.)						PSD (e.i.r.p.)					
		Antenna		Sum	Result	Limit	Margin	Antenna		Sum	Result	Limit	Margin
[MHz]		5G_CH0	5G_CH1					5G_CH0	5G_CH1				
		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6665	68	0.12	0.11	0.24	-6.24	-	-	0.19	0.18	0.37	-4.36	-1.00	3.36
6825	68	0.15	0.11	0.27	-5.71	-	-	0.24	0.18	0.41	-3.83	-1.00	2.83
6985	68	0.15	0.11	0.26	-5.85	-	-	0.23	0.18	0.40	-3.97	-1.00	2.97

			5G_CH0						5G_CH1					
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]		[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6665	68	0.08	-31.49	2.16	20.15	1.88	-9.10	-7.22	-31.75	2.10	20.16	1.88	-9.41	-7.53
6825	68	0.08	-30.56	2.20	20.15	1.88	-8.13	-6.25	-31.74	2.11	20.16	1.88	-9.39	-7.51
6985	68	0.08	-30.84	2.26	20.15	1.88	-8.35	-6.47	-31.80	2.14	20.16	1.88	-9.42	-7.54

Sample Calculation:

PSD: Power Spectral Density

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

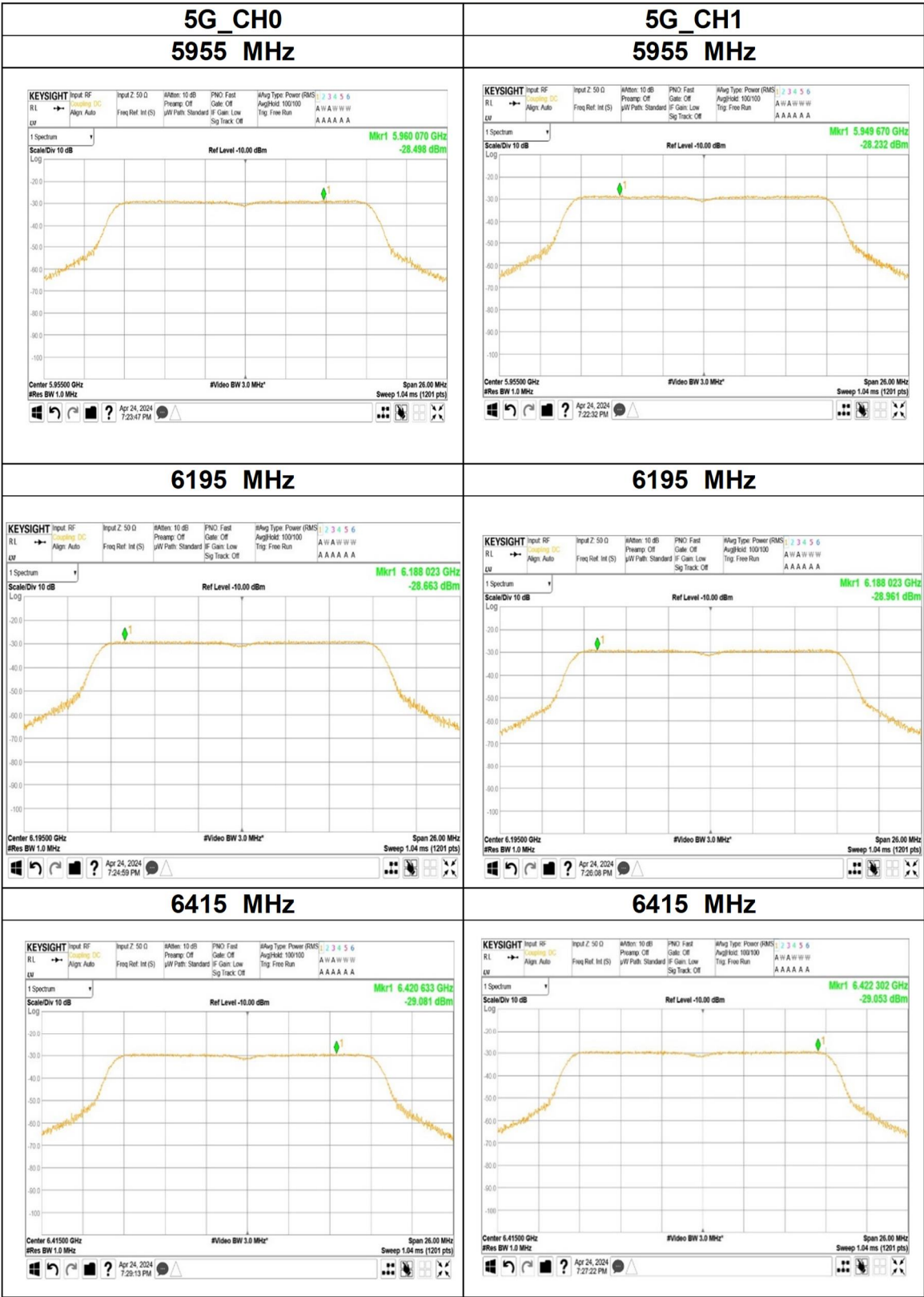
PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

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

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

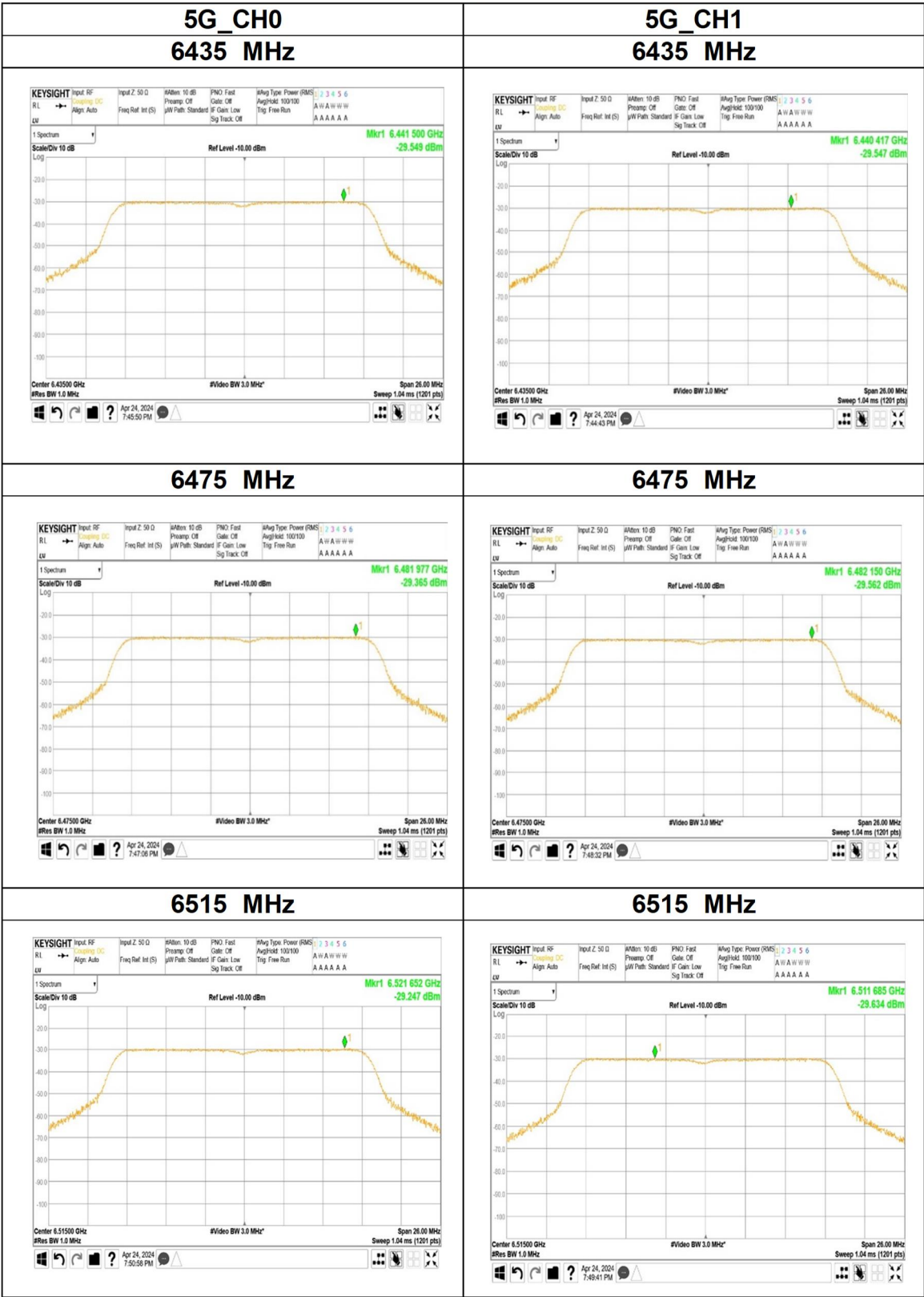
Maximum Power Spectral Density

11a



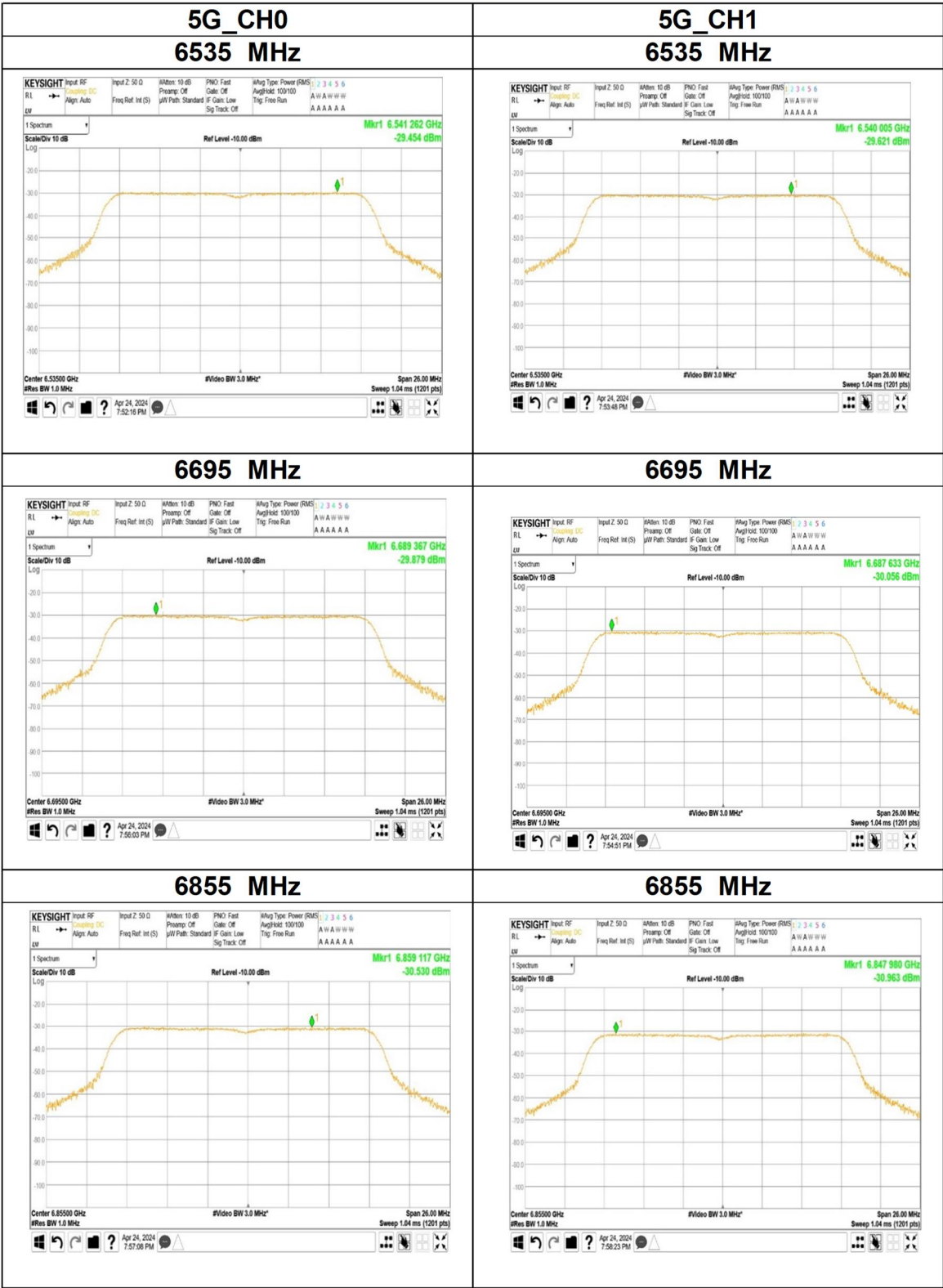
Maximum Power Spectral Density

11a



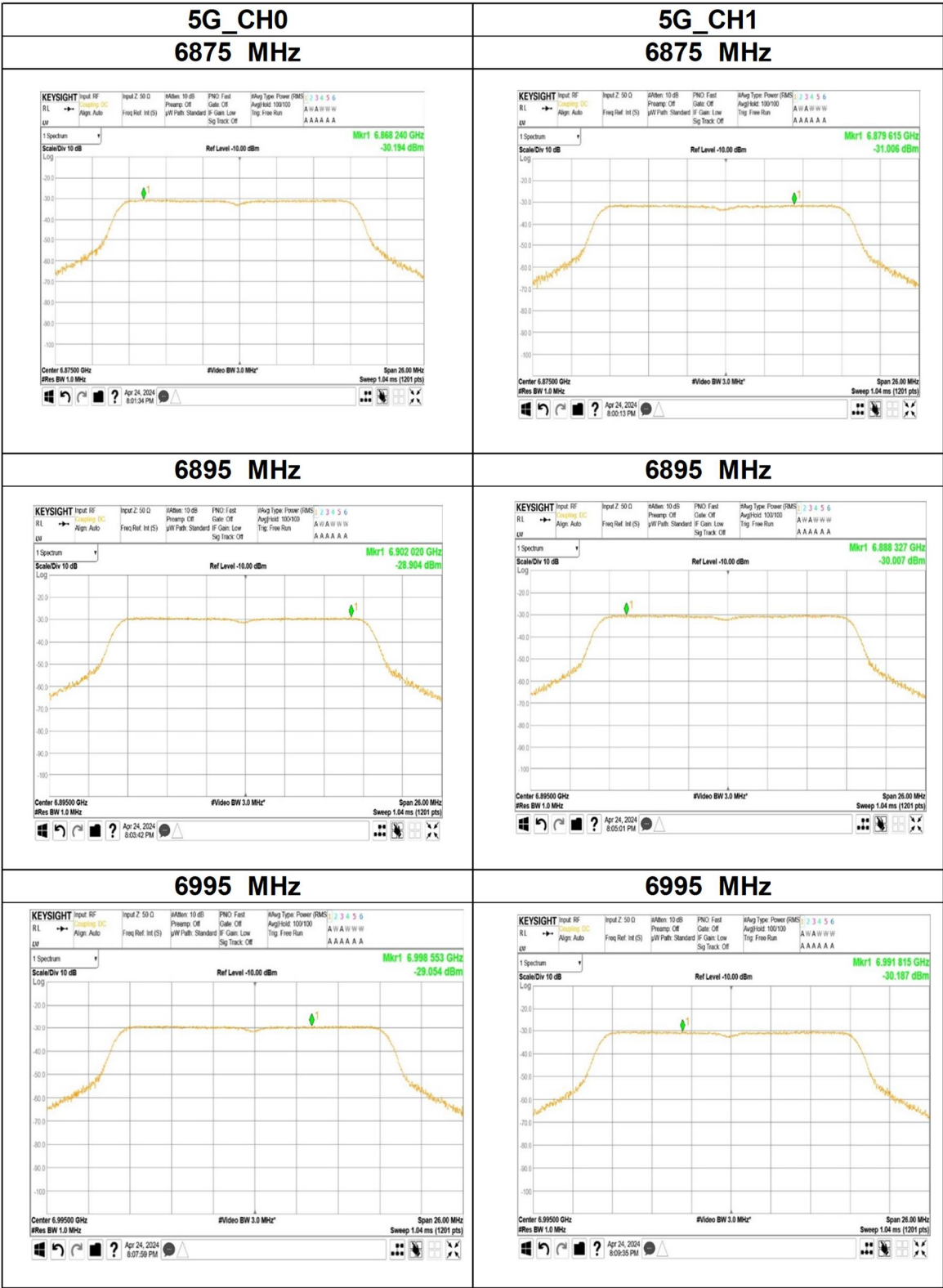
Maximum Power Spectral Density

11a



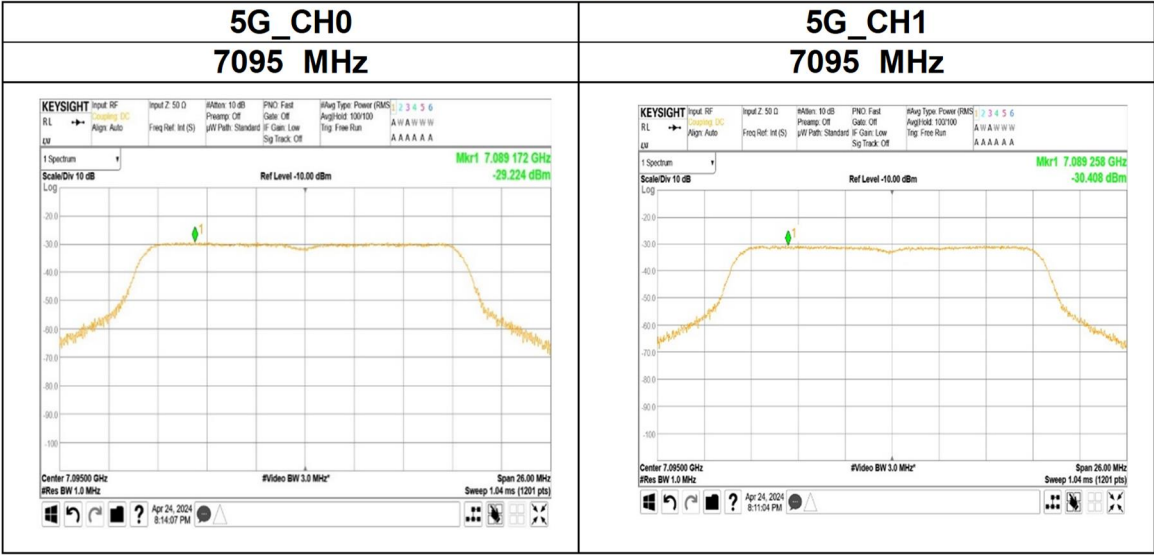
Maximum Power Spectral Density

11a



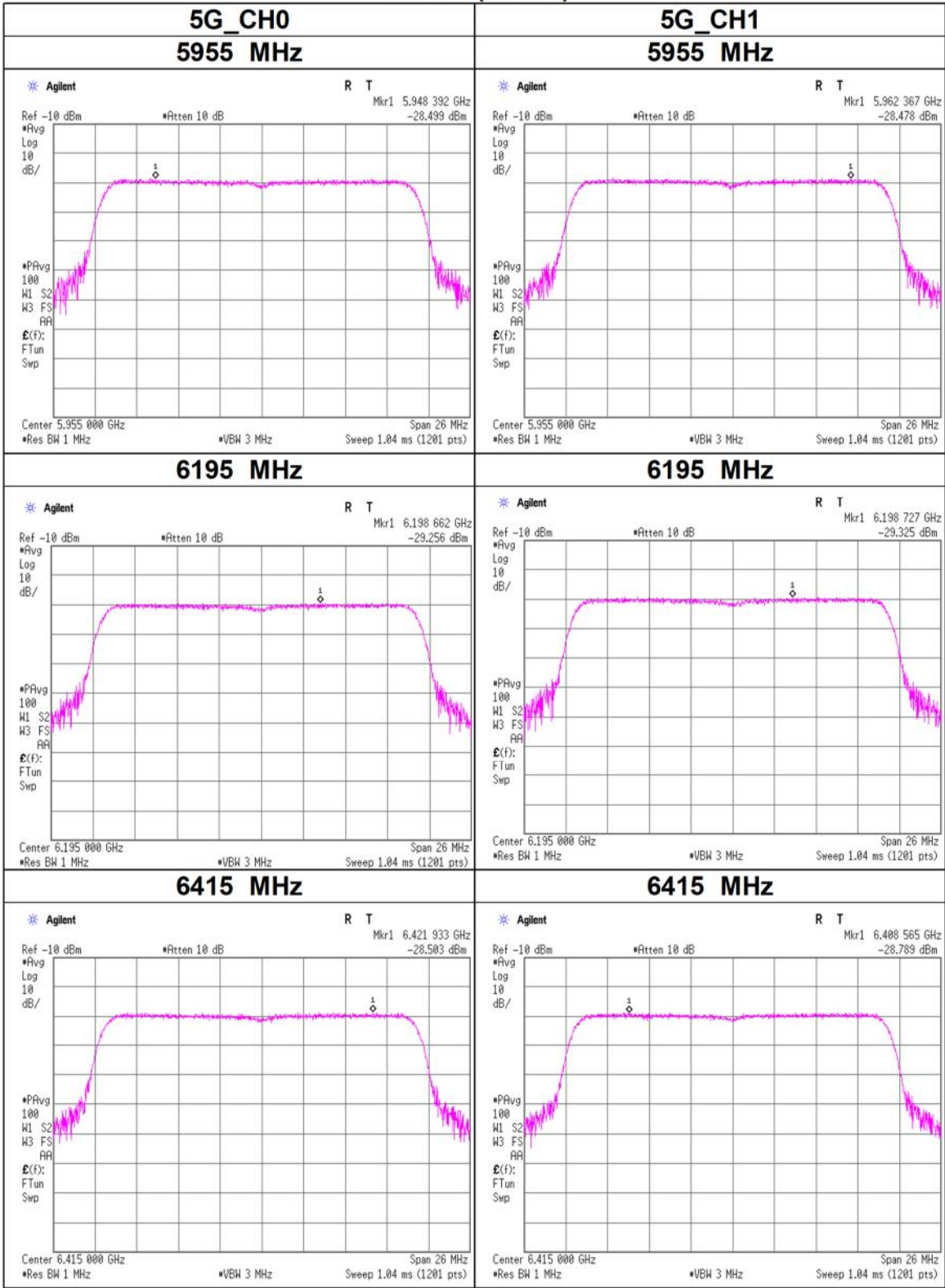
Maximum Power Spectral Density

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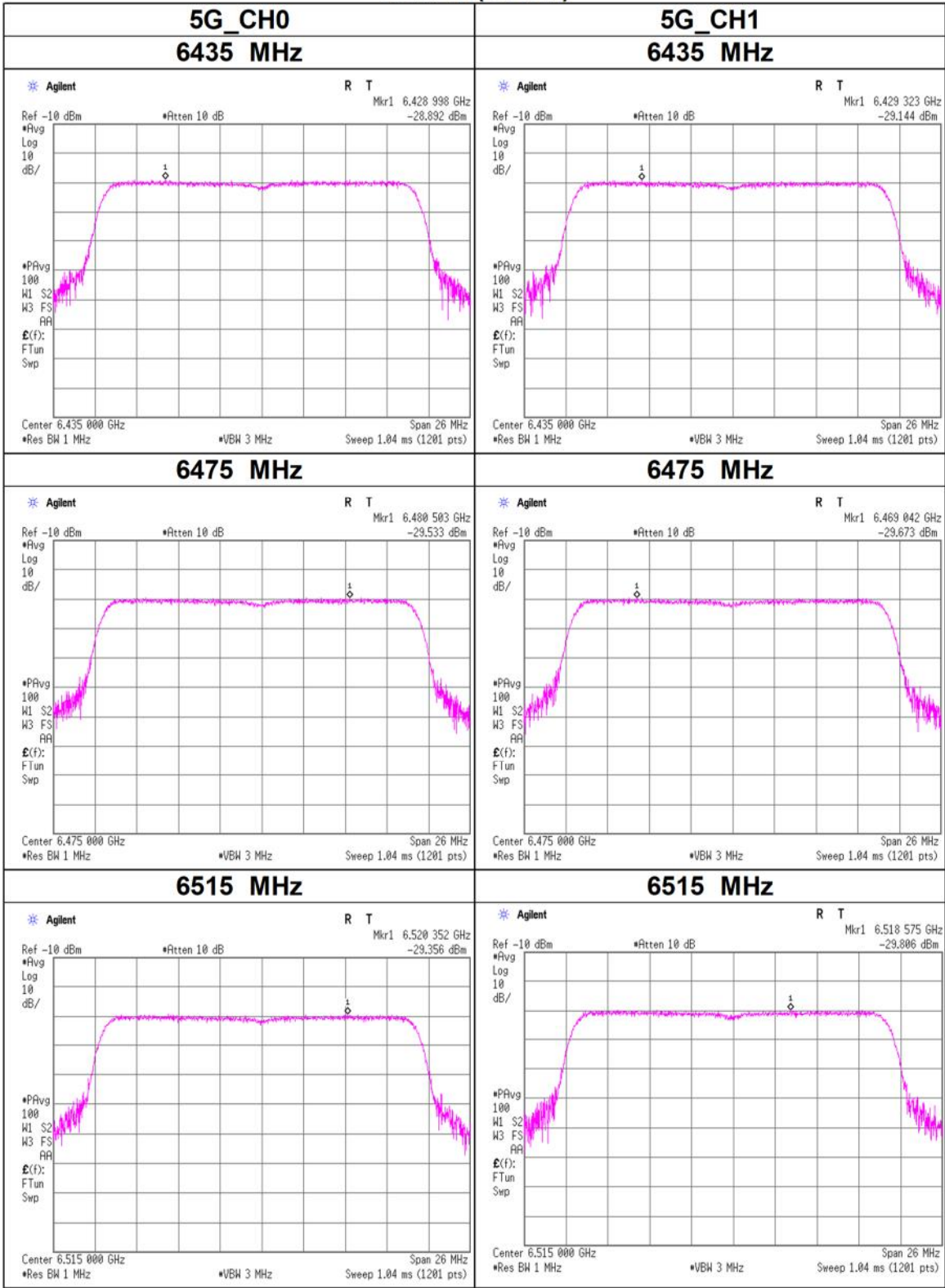
Maximum Power Spectral Density

11ax-20(OFDM)



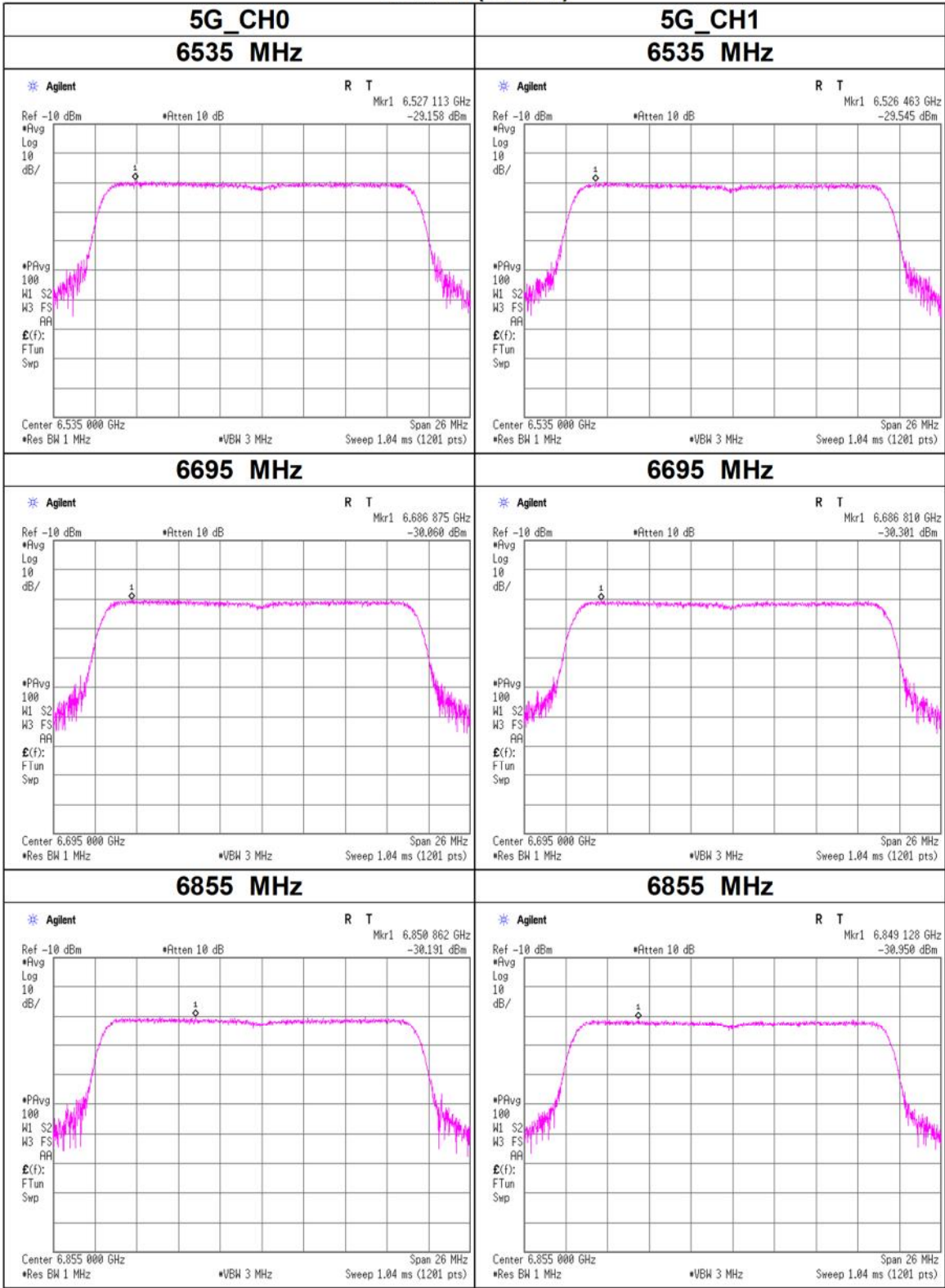
Maximum Power Spectral Density

11ax-20(OFDM)



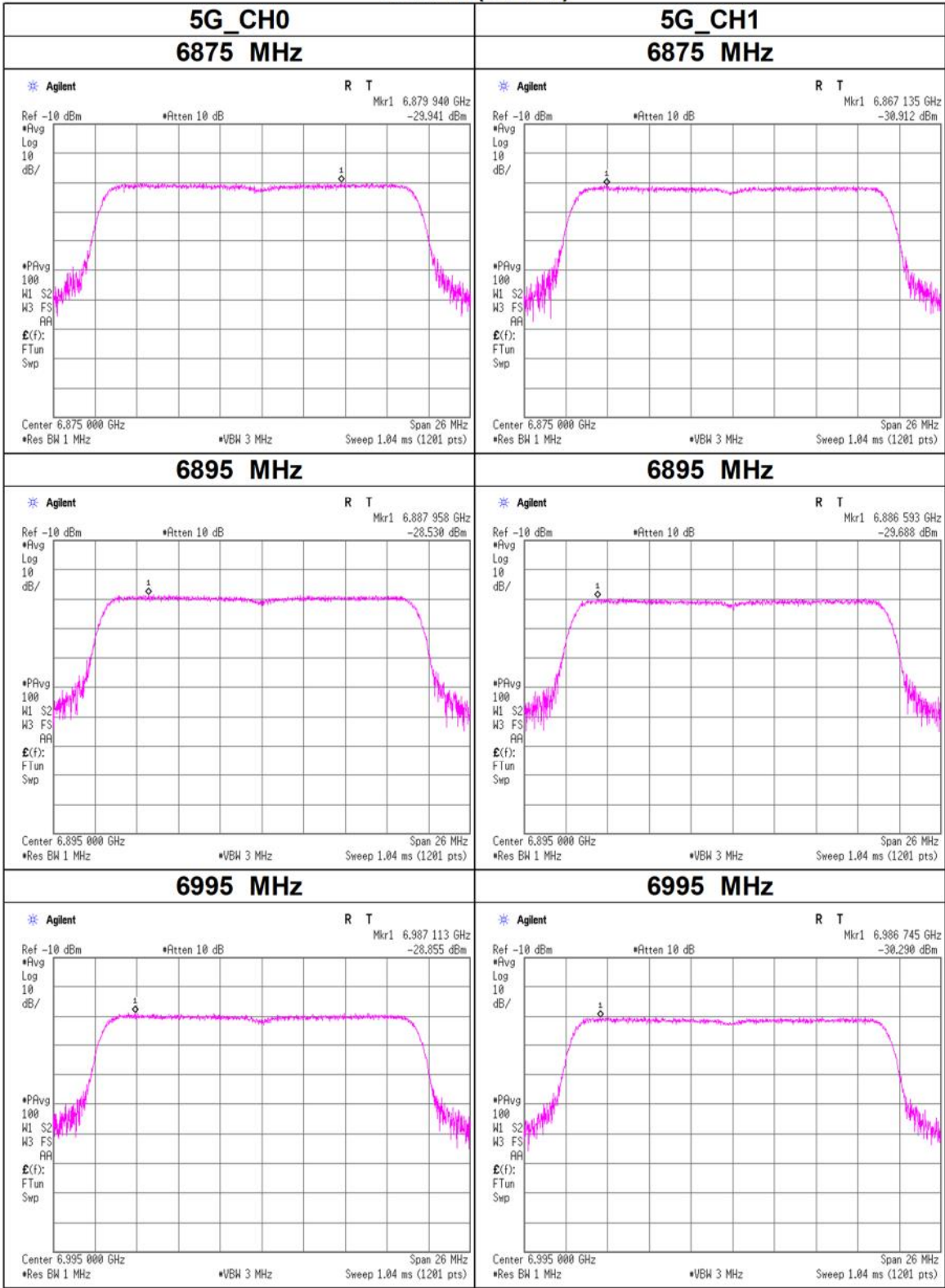
Maximum Power Spectral Density

11ax-20(OFDM)



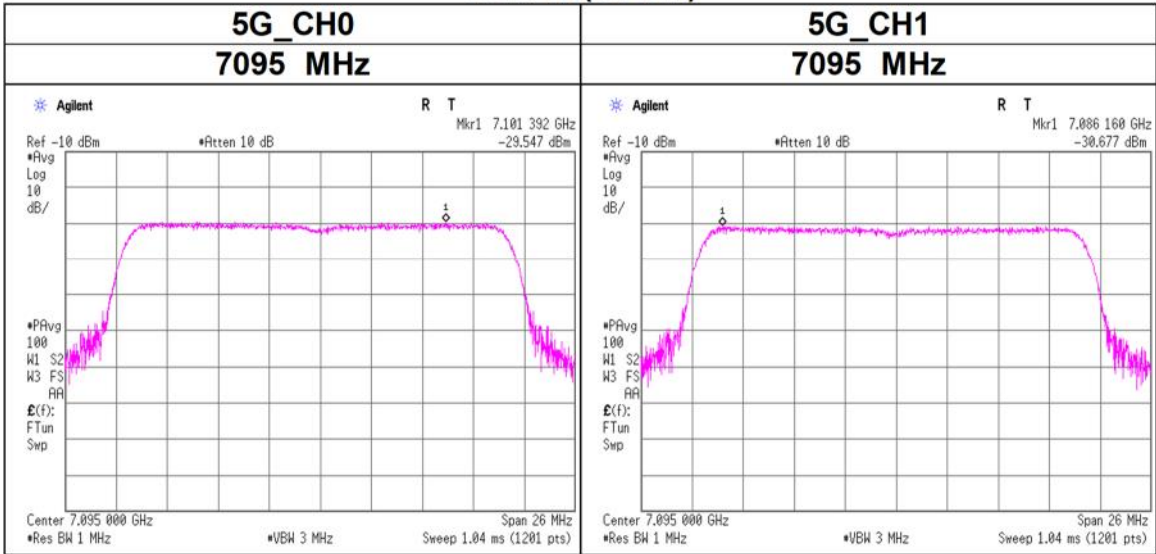
Maximum Power Spectral Density

11ax-20(OFDM)



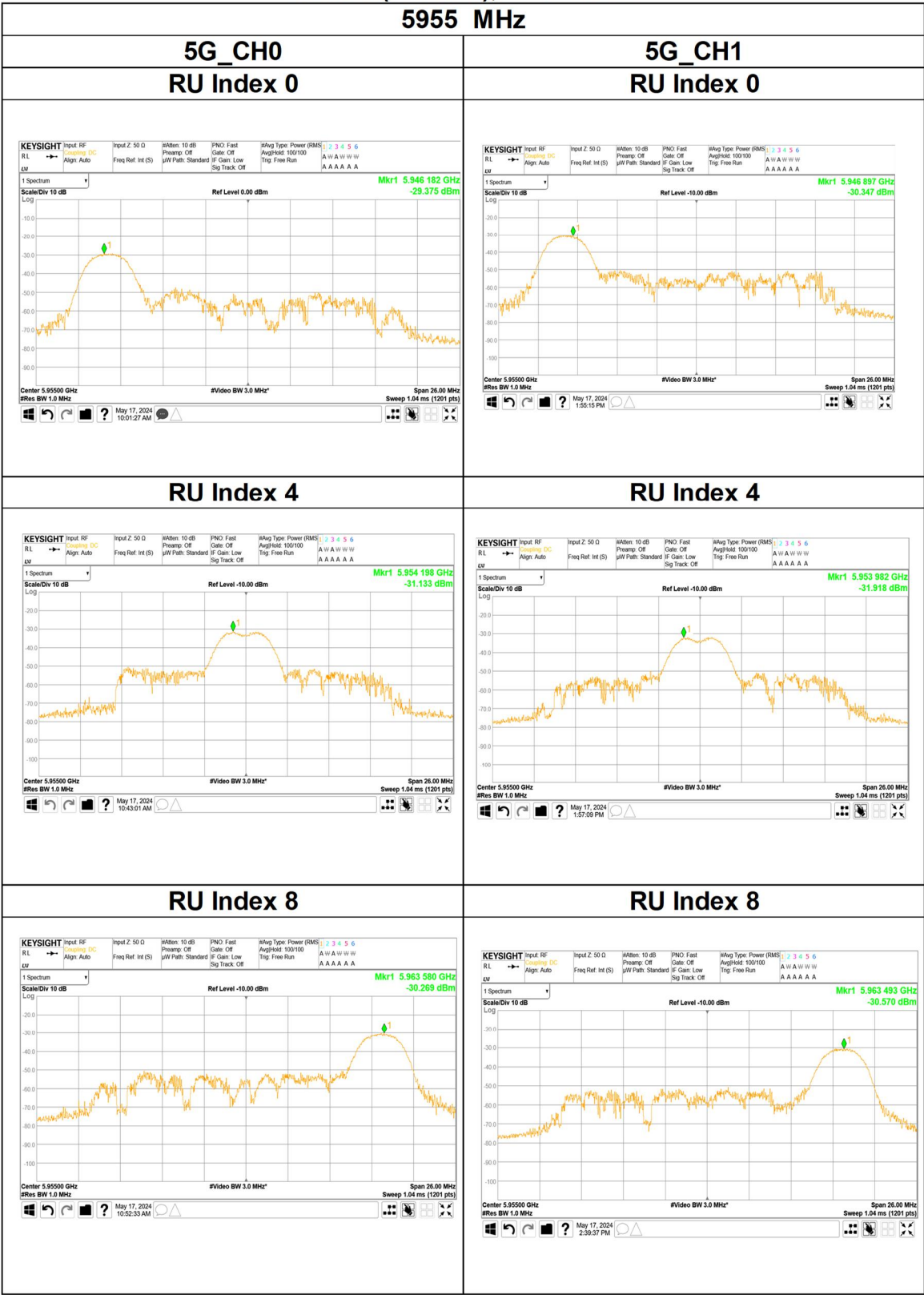
Maximum Power Spectral Density

11ax-20(OFDM)



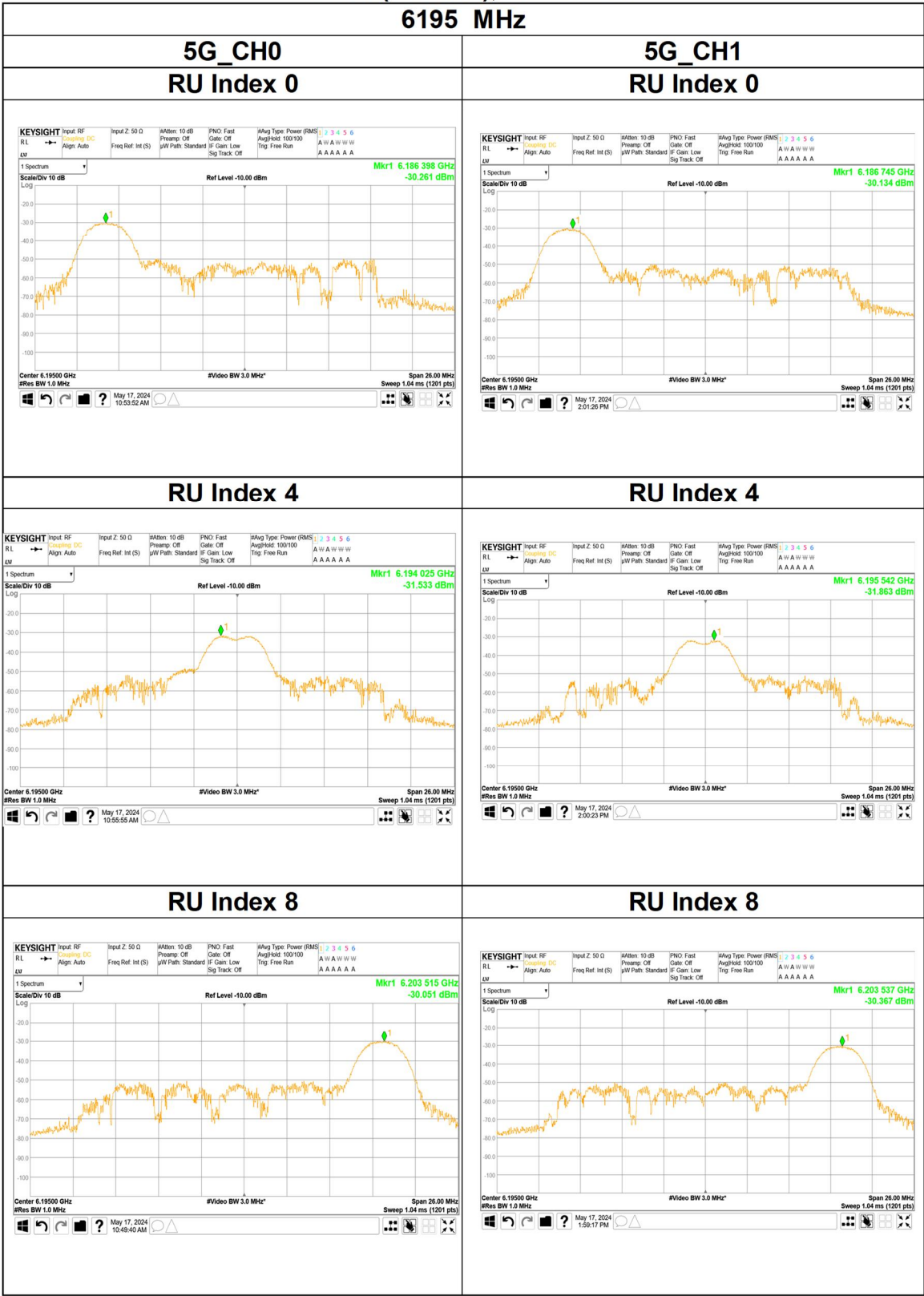
Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
5955 MHz



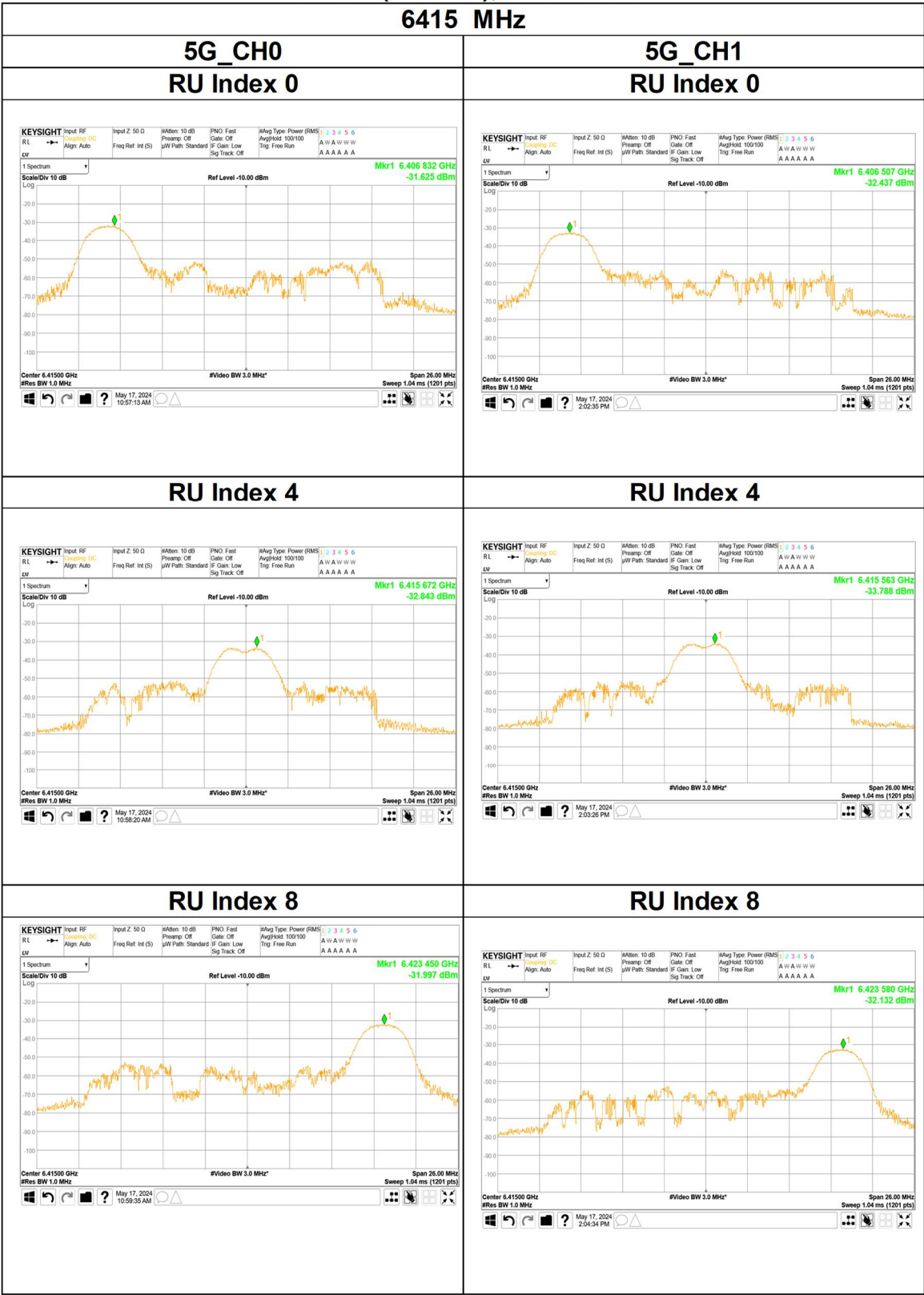
Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
6195 MHz



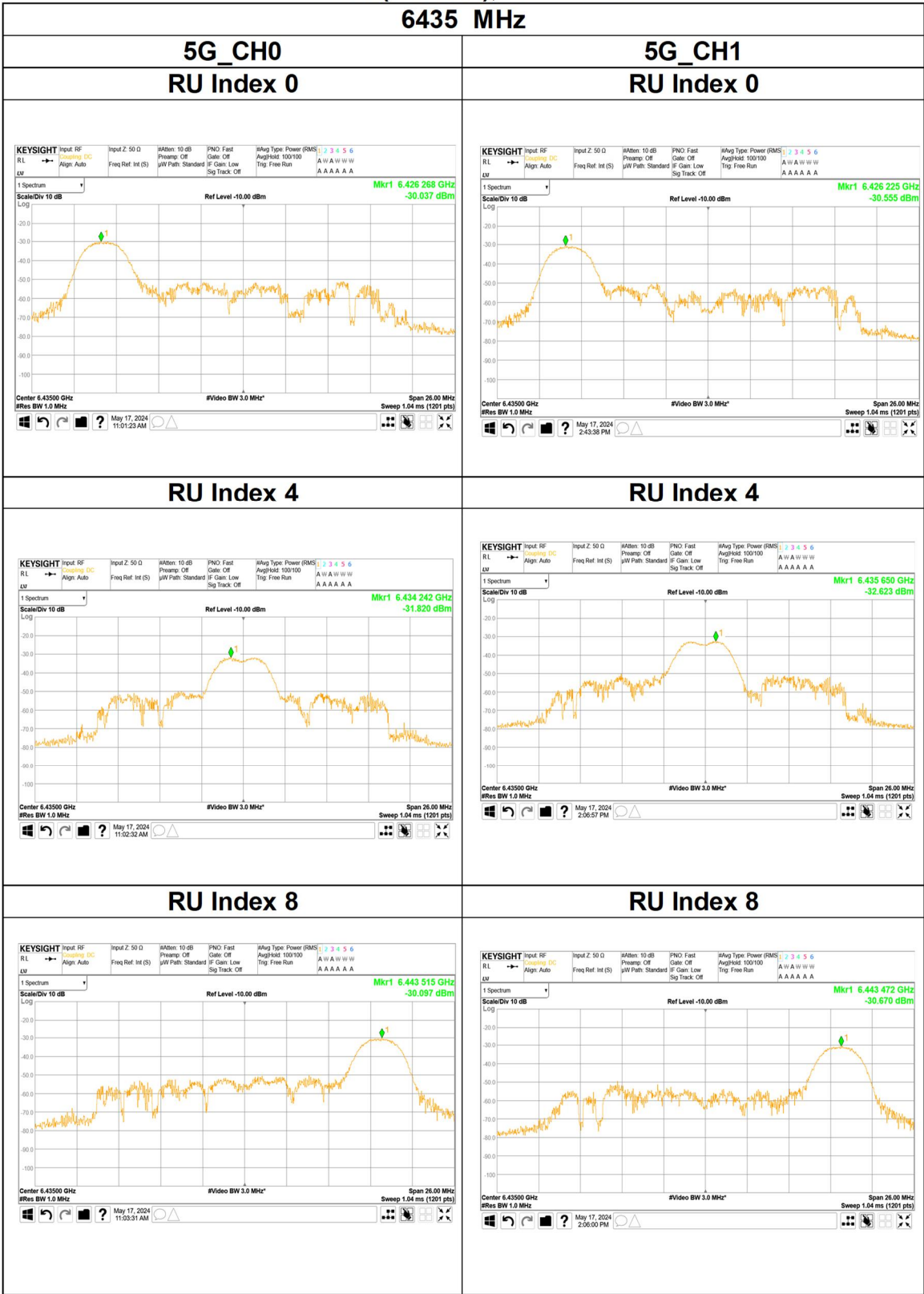
Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
6415 MHz



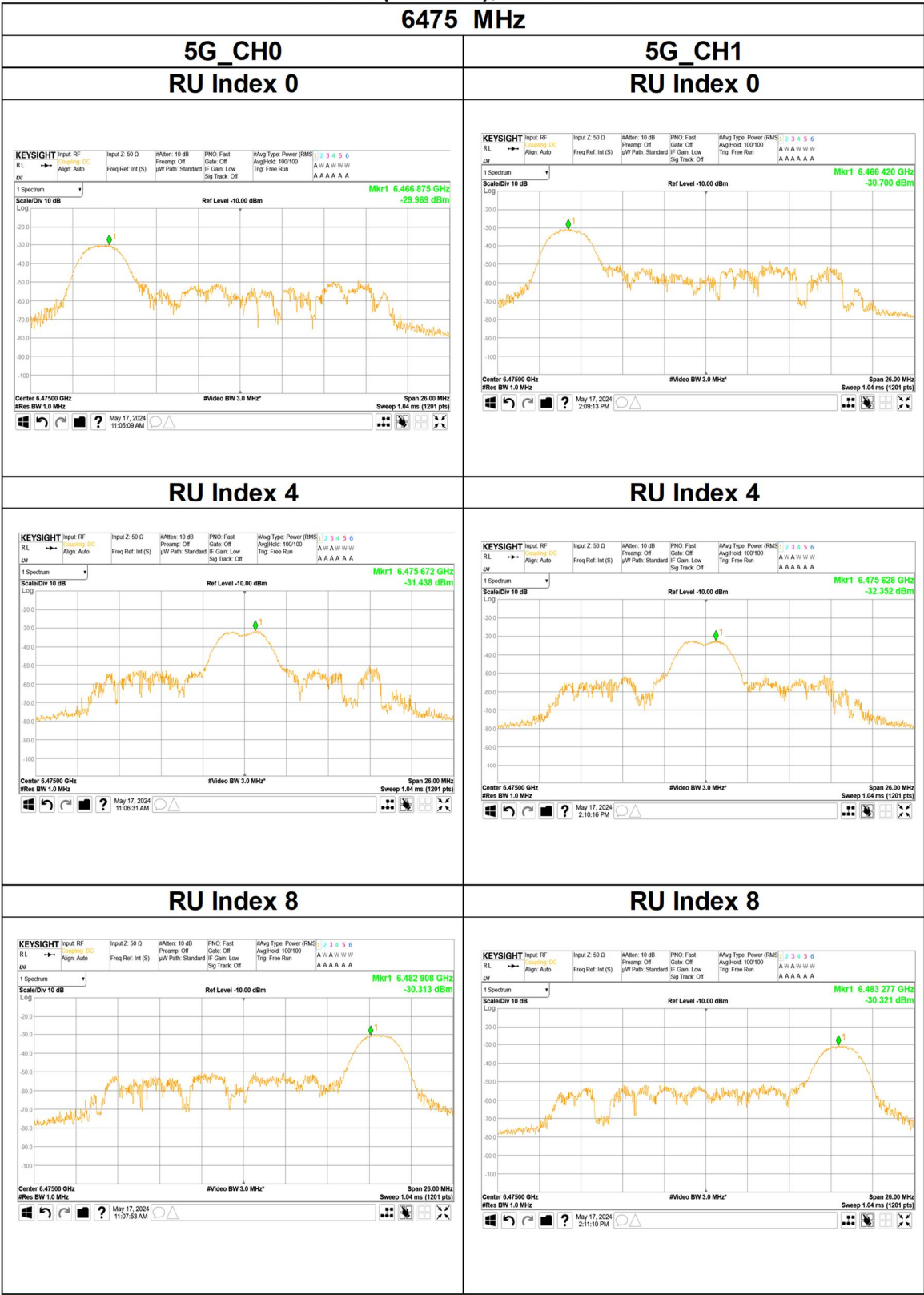
Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
6435 MHz



Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
6475 MHz



Maximum Power Spectral Density

11ax-20(OFDMA), 26-tone RU
6515 MHz

