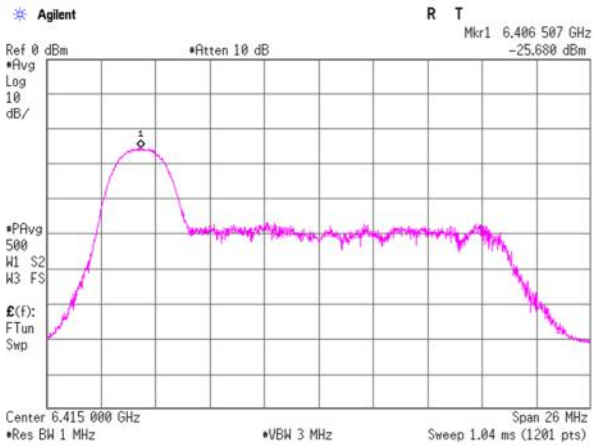
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

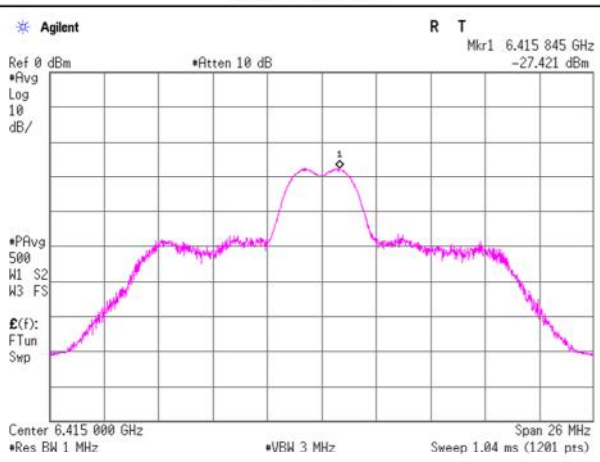
6415 MHz

ANT0

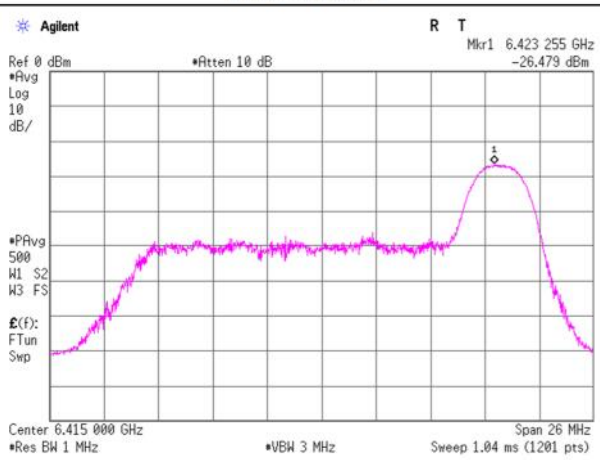
RU Index 0



RU Index 4

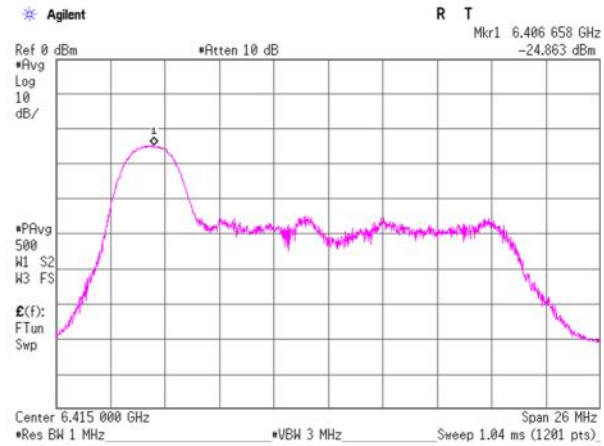


RU Index 8



ANT1

RU Index 0



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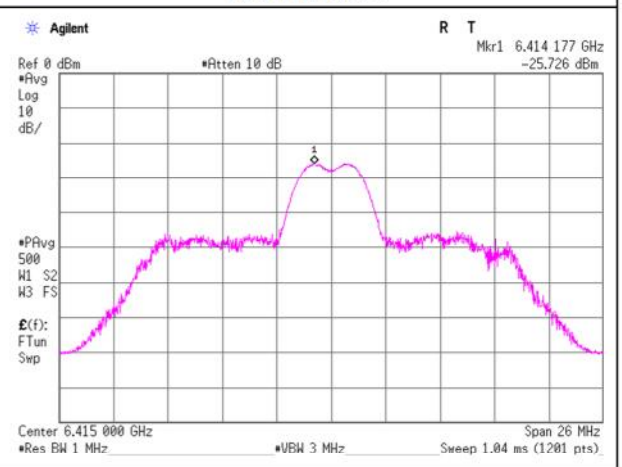
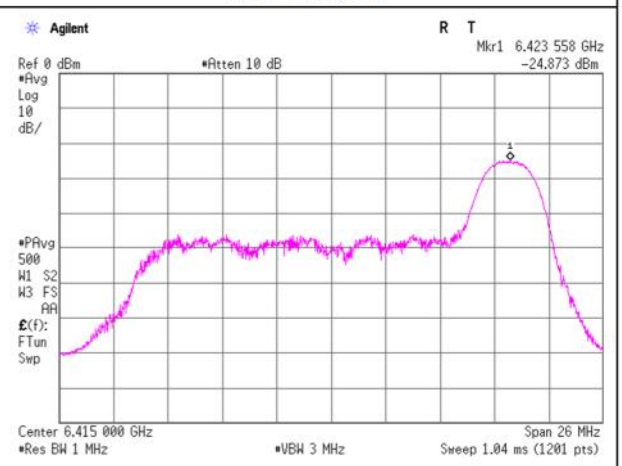


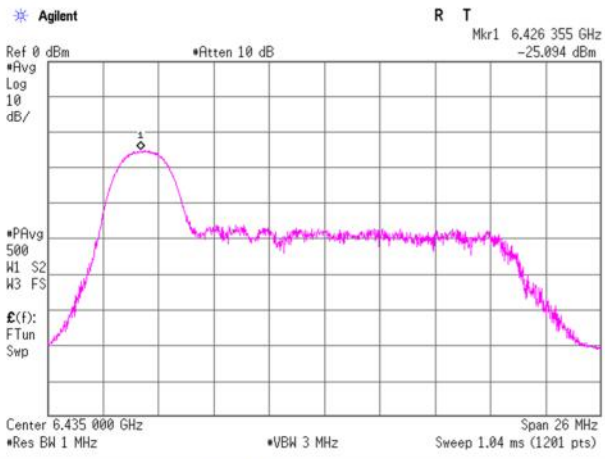
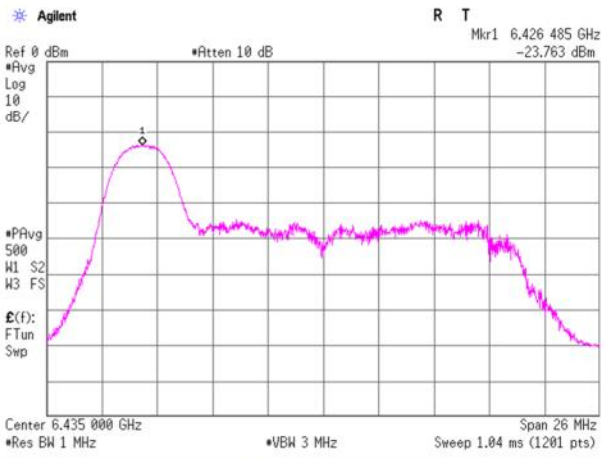
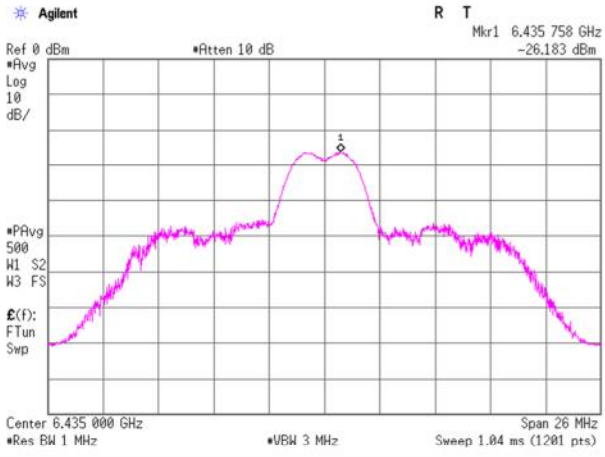
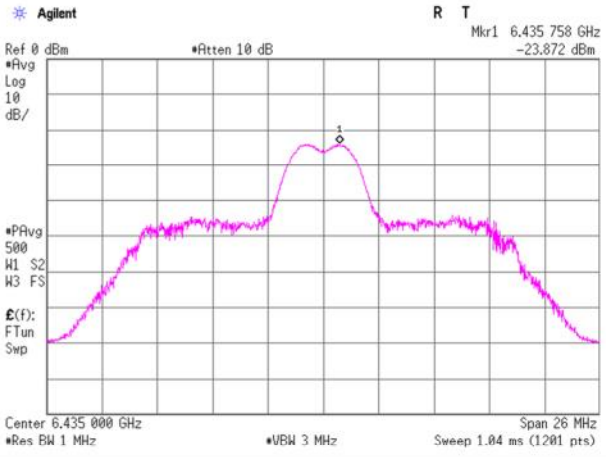
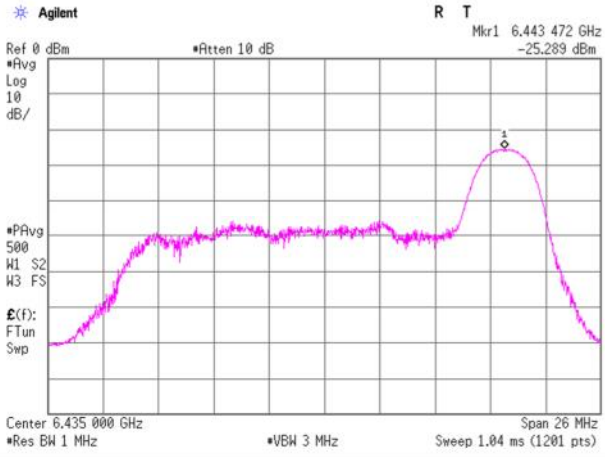
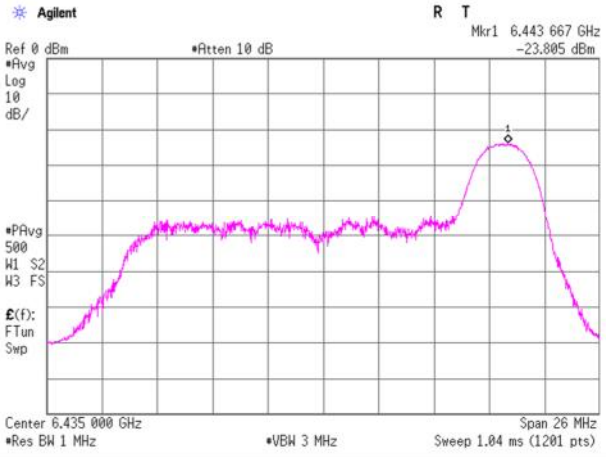
RU Index 8



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

6435 MHz

ANT0	ANT1
RU Index 0	RU Index 0
	
RU Index 4	RU Index 4
	
RU Index 8	RU Index 8
	

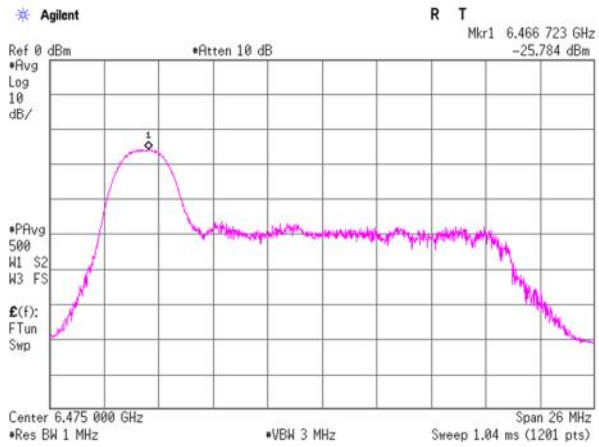
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

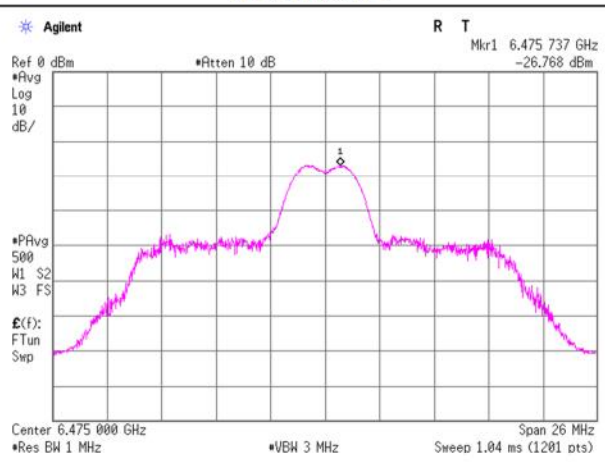
6475 MHz

ANT0

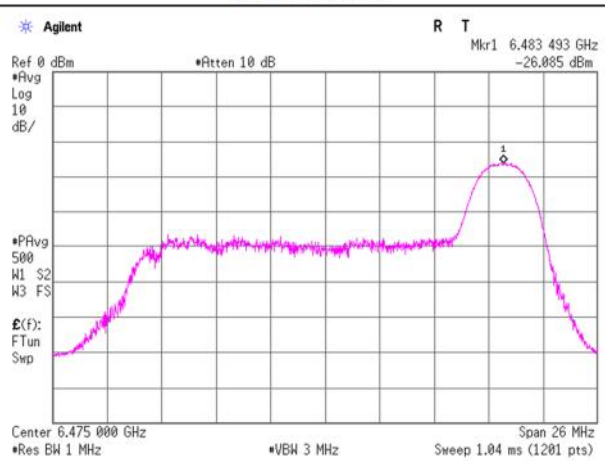
RU Index 0



RU Index 4

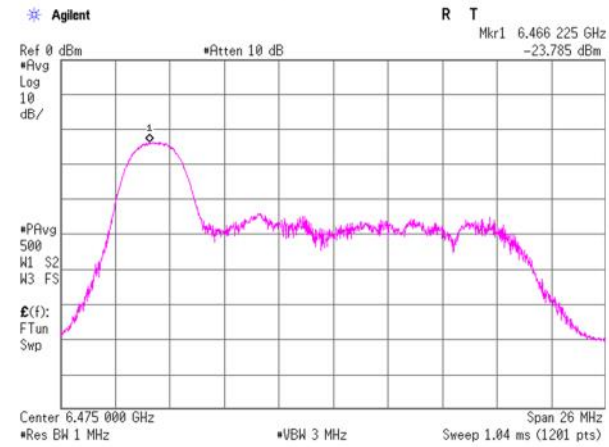


RU Index 8

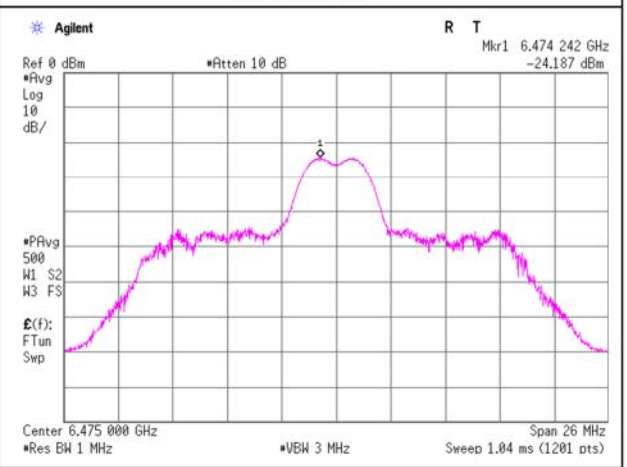


ANT1

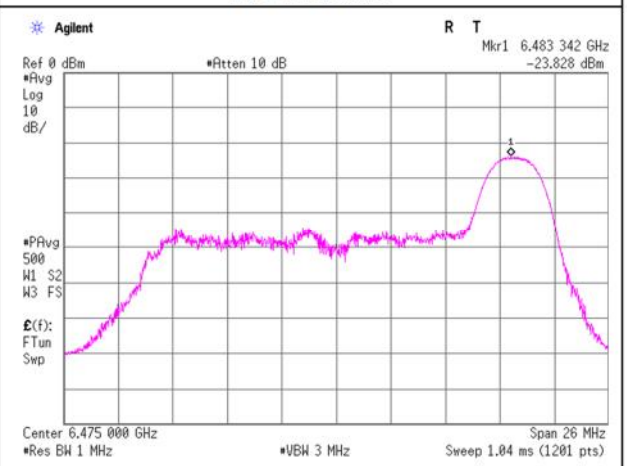
RU Index 0



RU Index 4



RU Index 8



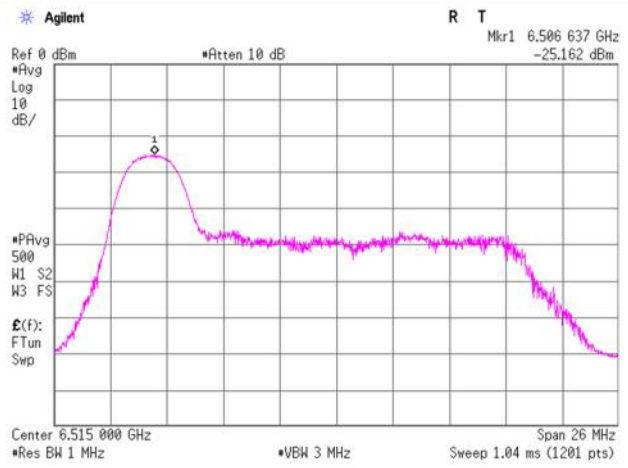
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

6515 MHz

ANT0

RU Index 0



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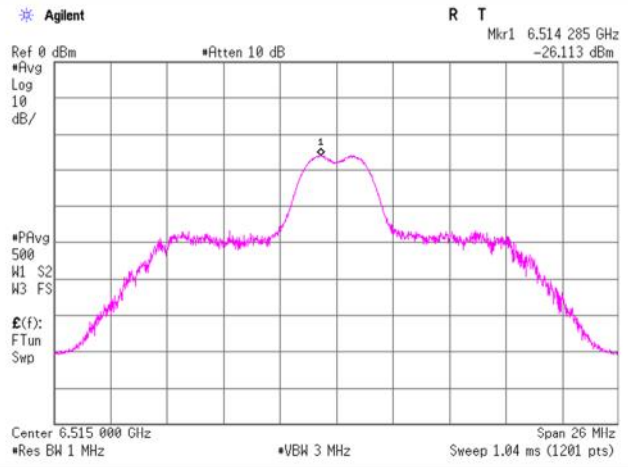

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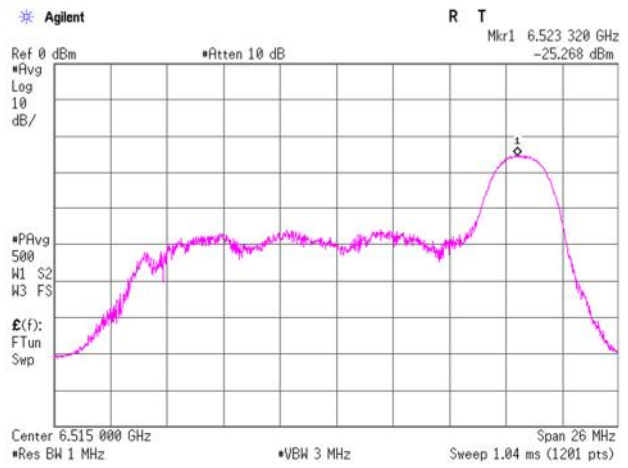
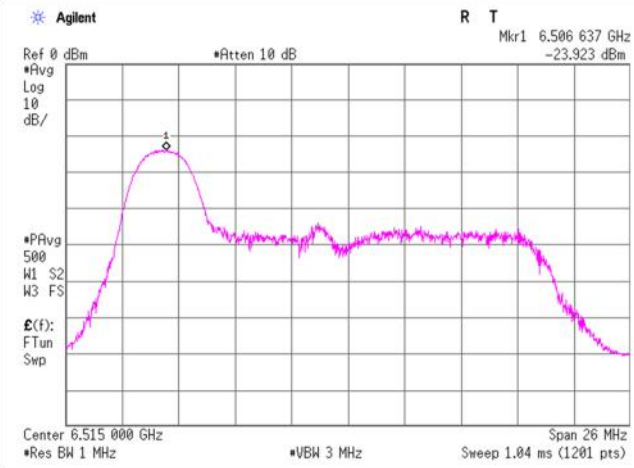
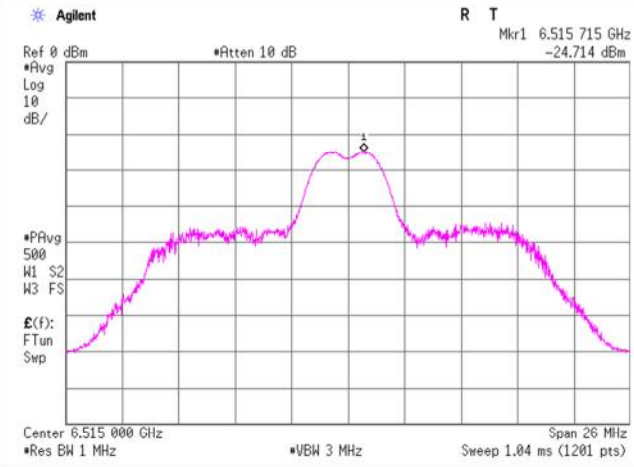


ANT1

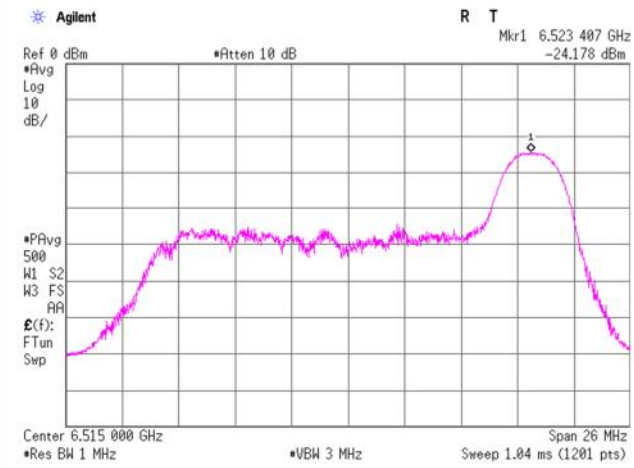
RU Index 0



RU Index 4



RU Index 8



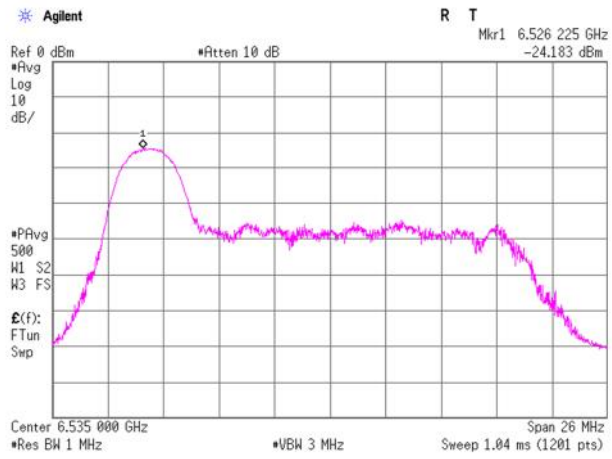
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

6535 MHz

ANT0

RU Index 0



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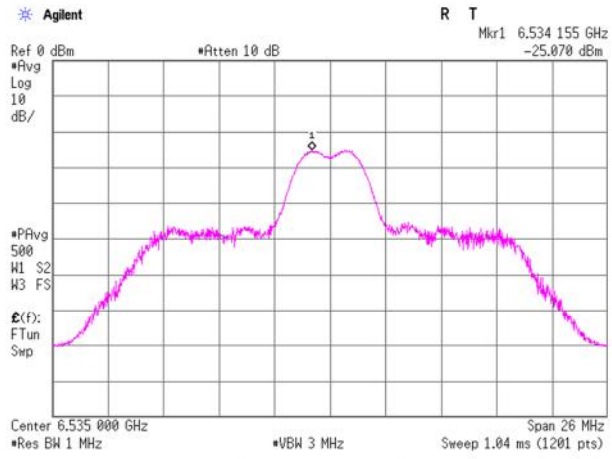

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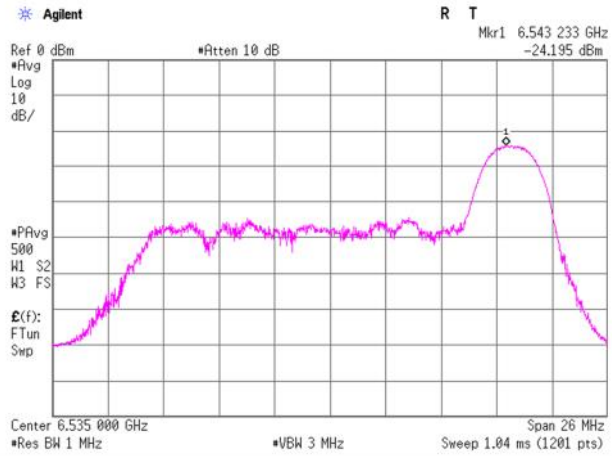
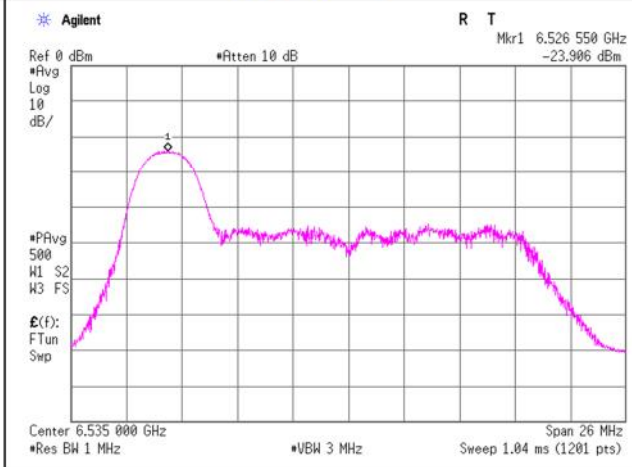


ANT1

RU Index 0



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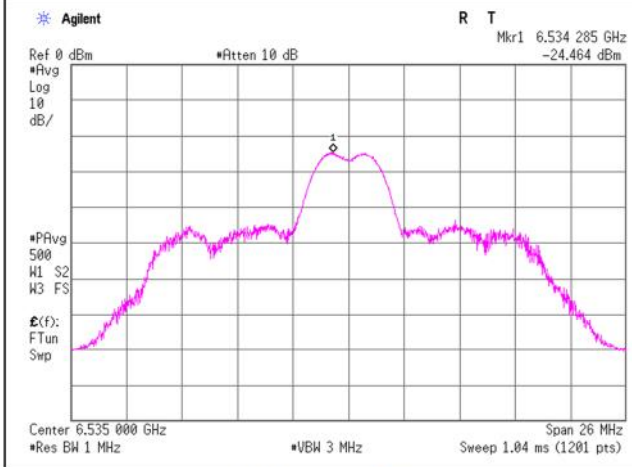
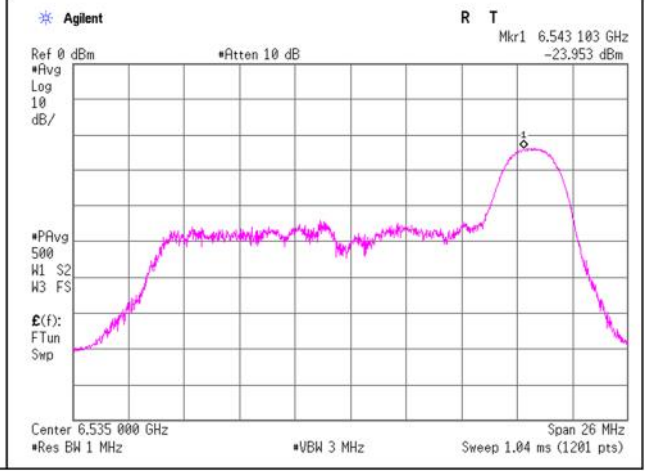


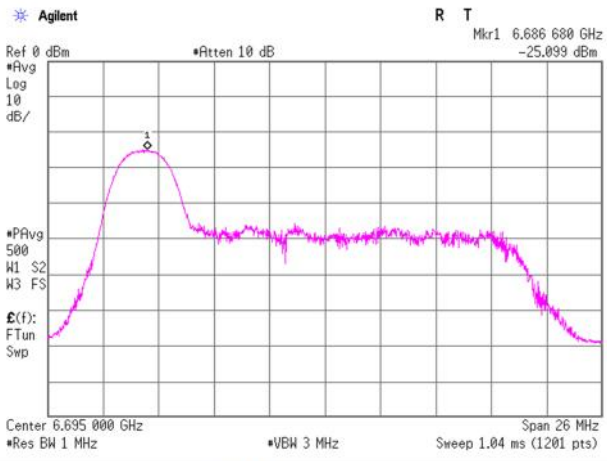
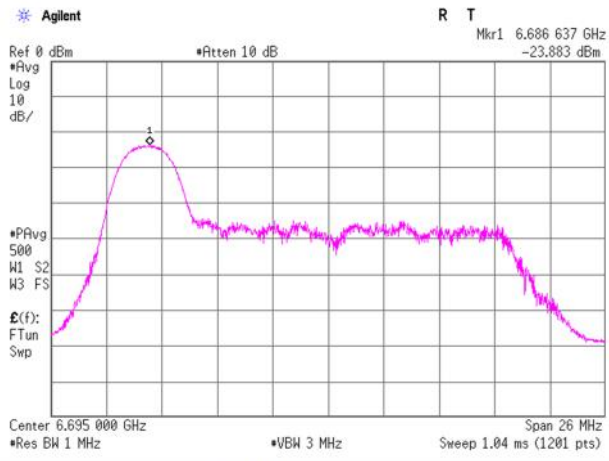
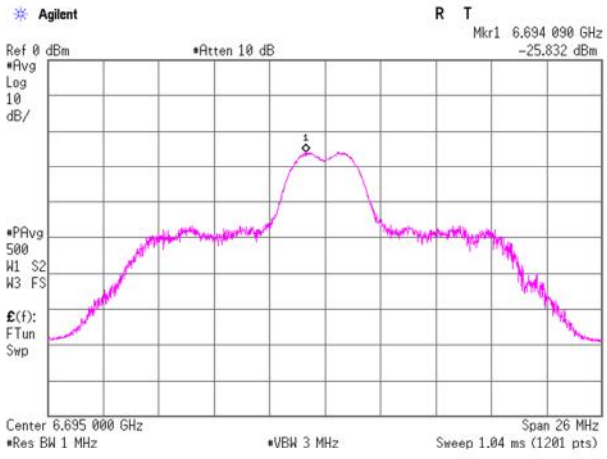
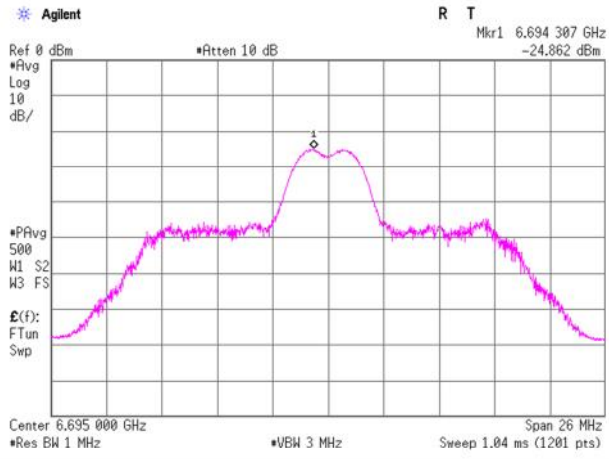
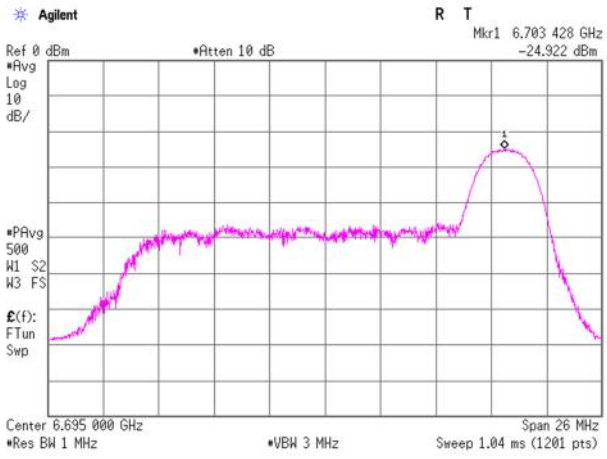
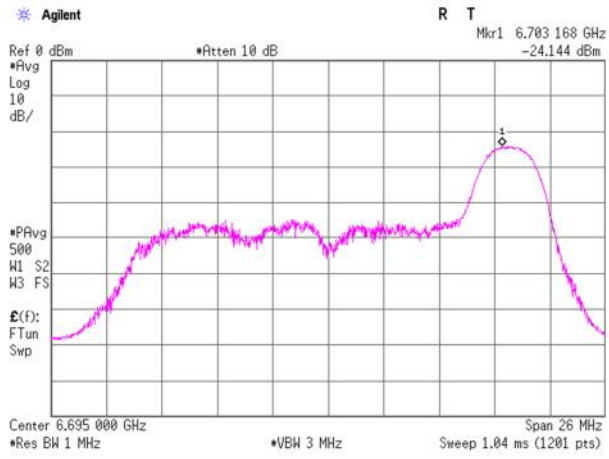
RU Index 8



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

6695 MHz

ANT0	ANT1
RU Index 0	RU Index 0
	
RU Index 4	RU Index 4
	
RU Index 8	RU Index 8
	

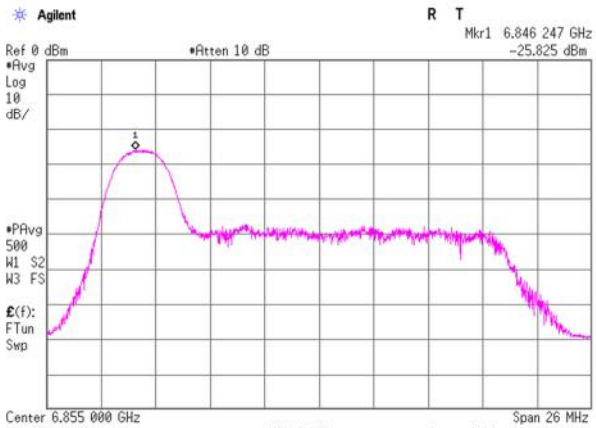
Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

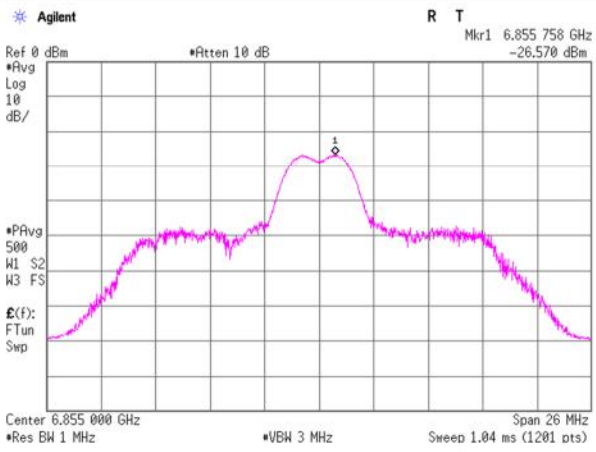
6855 MHz

ANT0

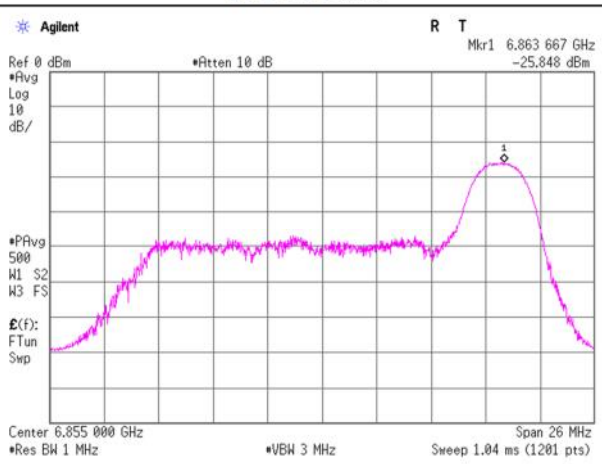
RU Index 0



RU Index 4

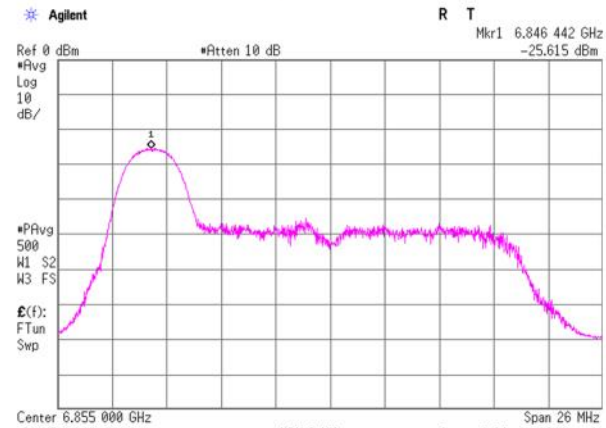


RU Index 8

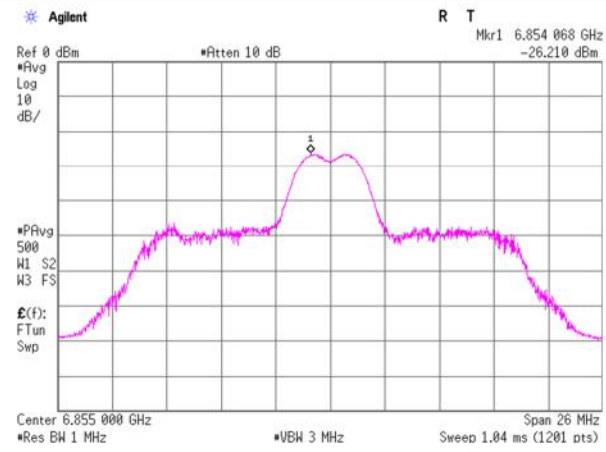


ANT1

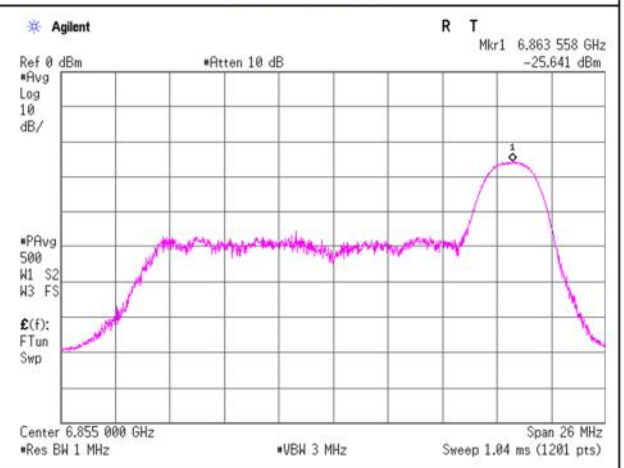
RU Index 0



RU Index 4

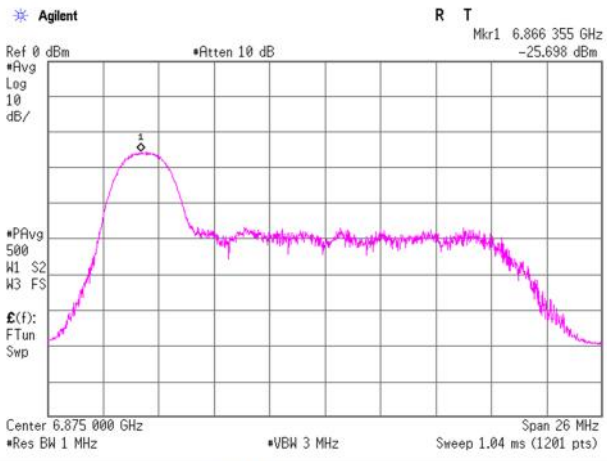
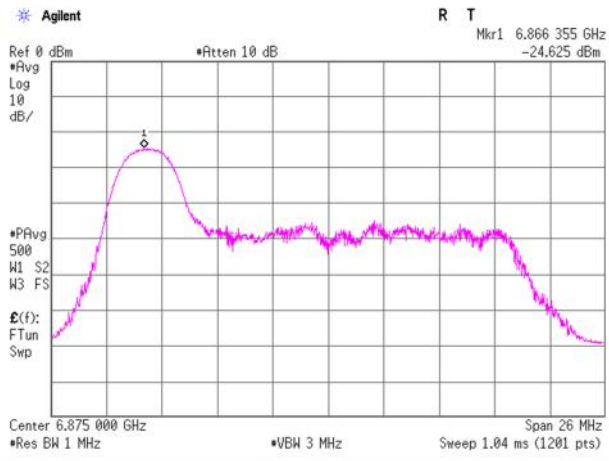
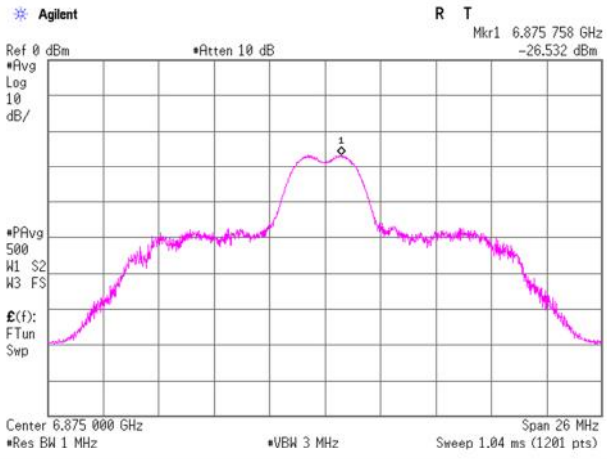
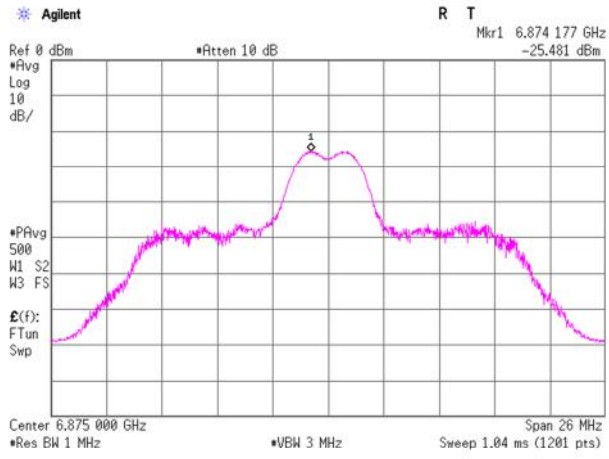


RU Index 8



Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

6875 MHz	
ANT0	**ANT1**
RU Index 0	**RU Index 0**
	
RU Index 4	**RU Index 4**
	
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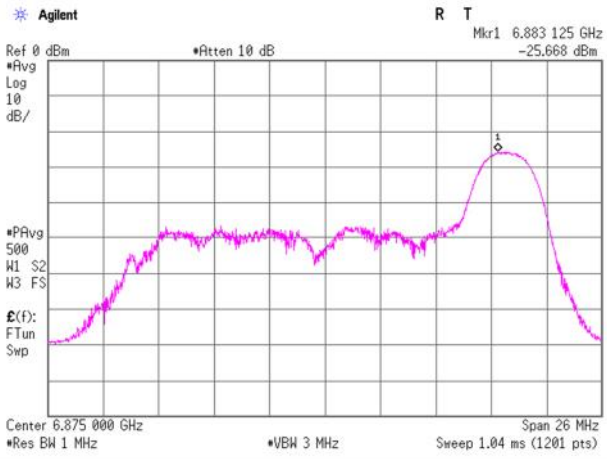
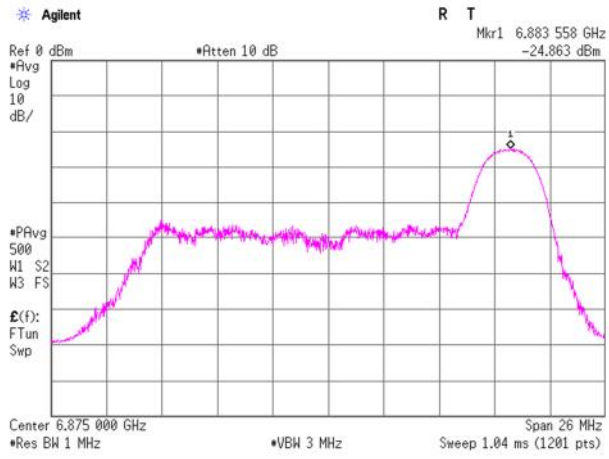
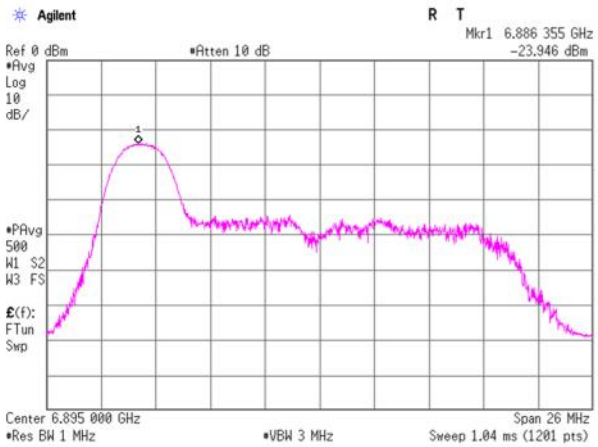
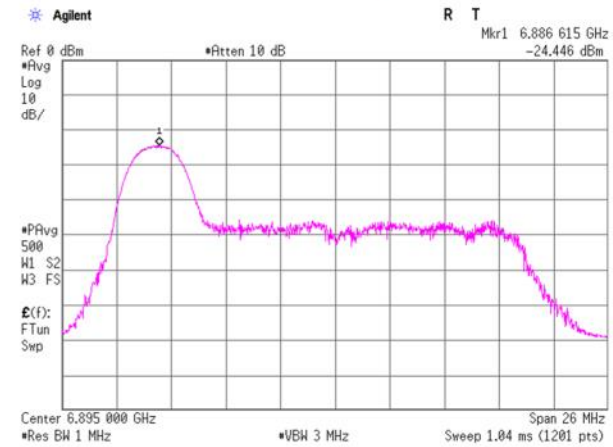
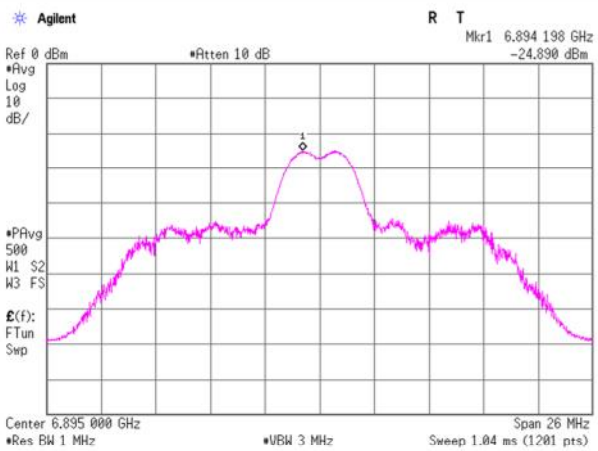
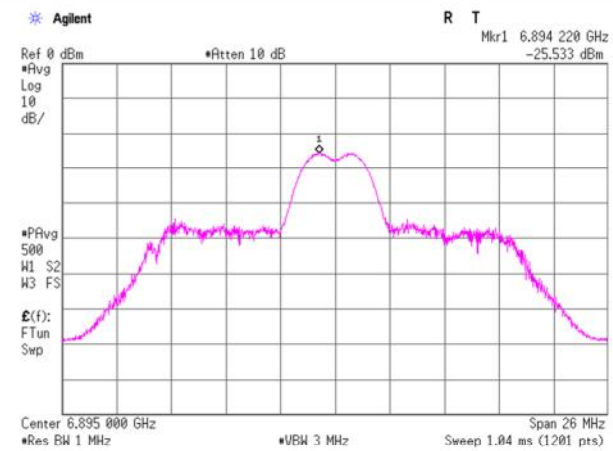
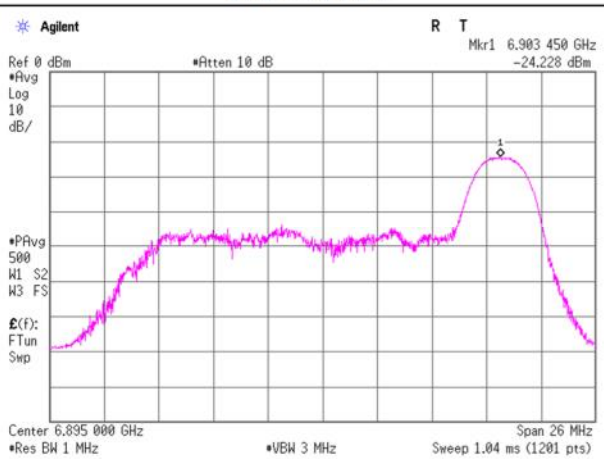
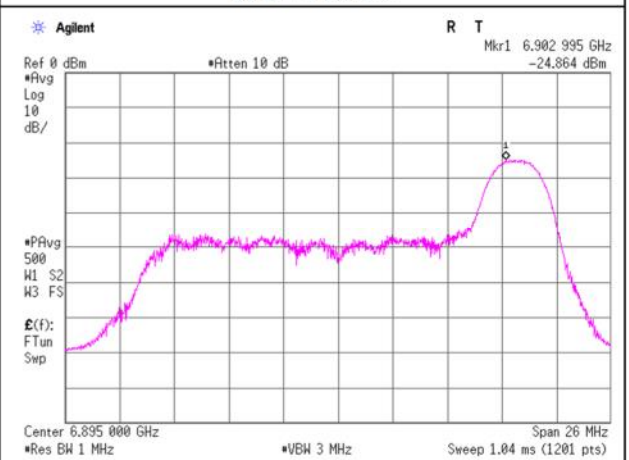
	

Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

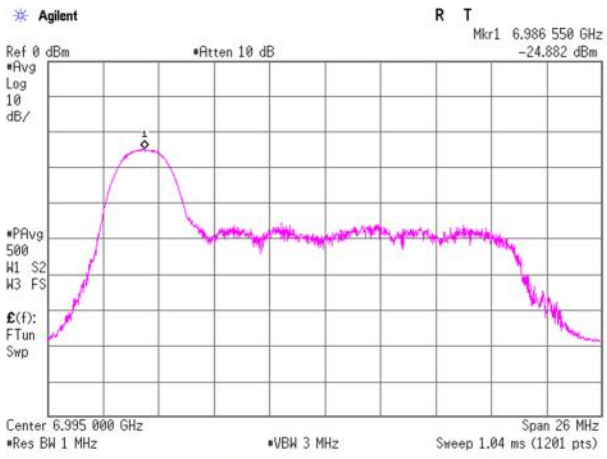
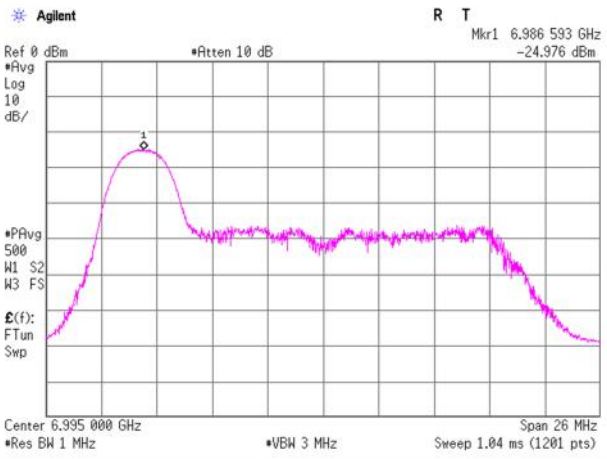
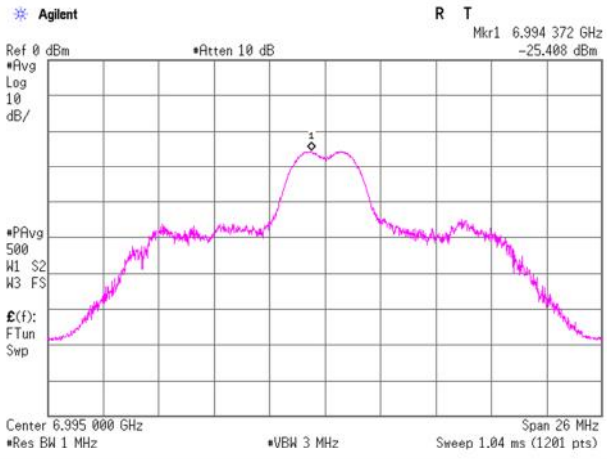
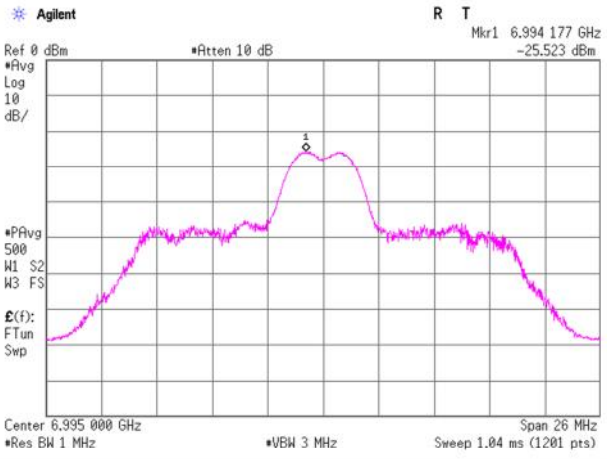
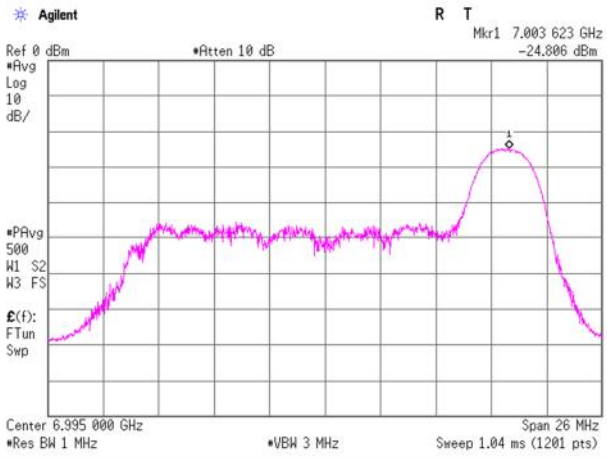
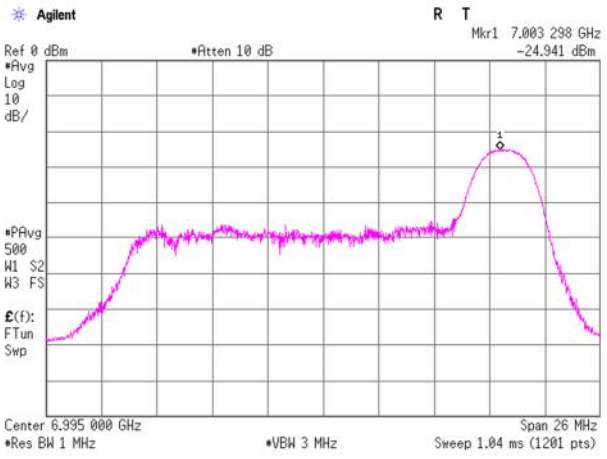
6895 MHz

ANT0	ANT1
RU Index 0	RU Index 0
	
RU Index 4	RU Index 4
	
RU Index 8	RU Index 8
	

Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

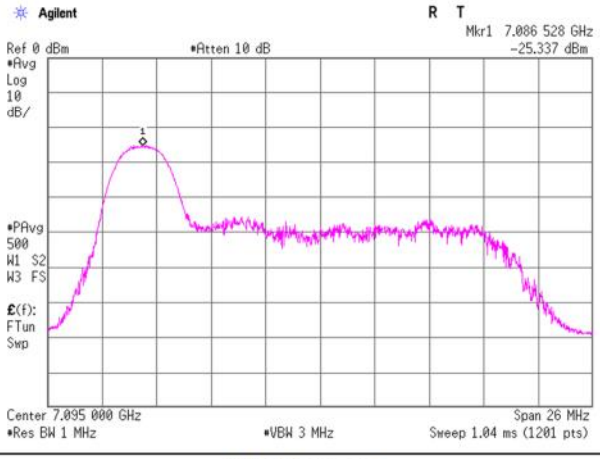
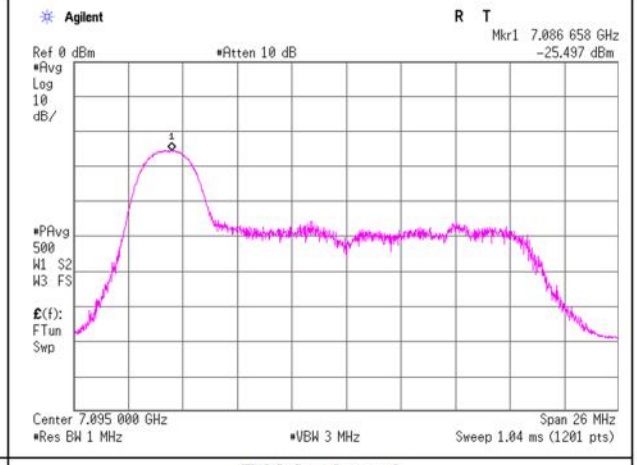
6995 MHz

ANT0	ANT1
RU Index 0	RU Index 0
	
RU Index 4	RU Index 4
	
RU Index 8	RU Index 8
	

Maximum Power Spectral Density

11ax-20(OFDMA)(CDD), 26-tone RU

7095 MHz

ANT0	ANT1
RU Index 0	RU Index 0
	
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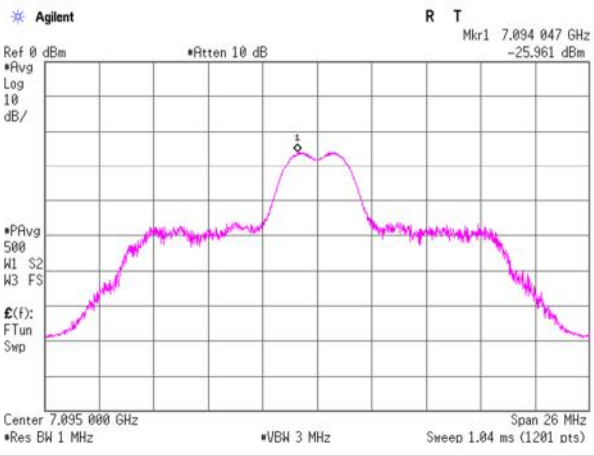
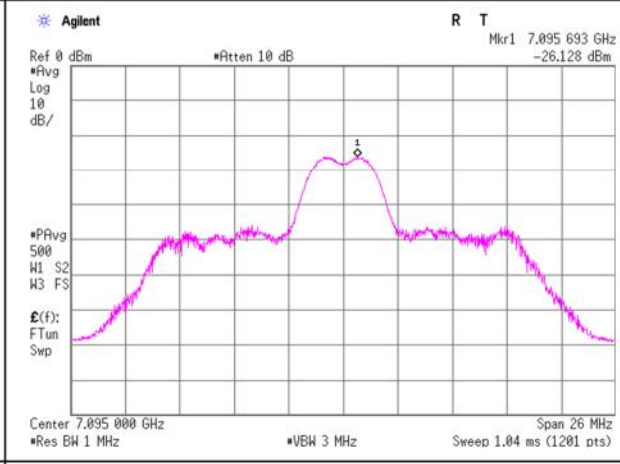
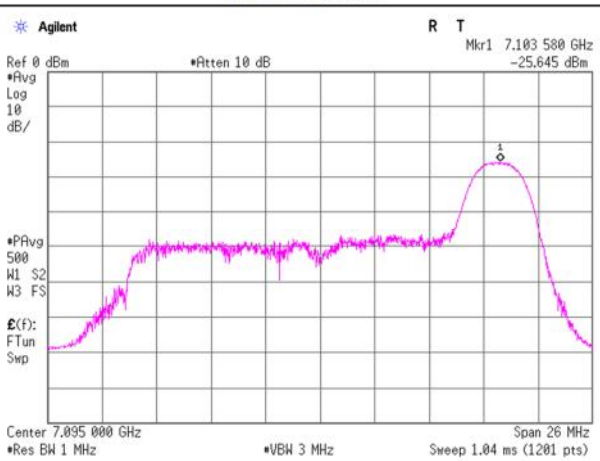
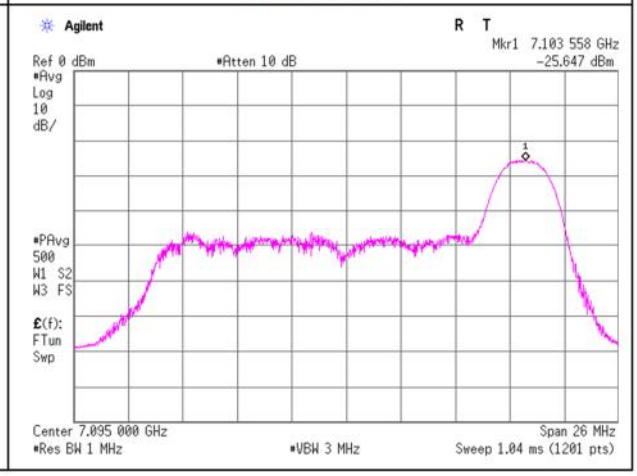
	
RU Index 8	RU Index 8
	

Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 2, 2024
Temperature / Humidity	25 deg. C / 24 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin	PSD (e.i.r.p.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin
[MHz]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	37	0.14	0.15	0.29	-5.32	-	-	0.21	0.22	0.43	-3.71	-1.00	2.71
	38	0.15	0.16	0.31	-5.09	-	-	0.21	0.24	0.45	-3.48	-1.00	2.48
	40	0.13	0.14	0.27	-5.63	-	-	0.19	0.20	0.40	-4.02	-1.00	3.02
6195	37	0.15	0.19	0.33	-4.77	-	-	0.21	0.27	0.48	-3.16	-1.00	2.16
	38	0.15	0.15	0.30	-5.18	-	-	0.22	0.22	0.44	-3.57	-1.00	2.57
	40	0.15	0.16	0.30	-5.16	-	-	0.22	0.22	0.44	-3.55	-1.00	2.55
6415	37	0.12	0.17	0.29	-5.39	-	-	0.18	0.24	0.42	-3.78	-1.00	2.78
	38	0.13	0.17	0.30	-5.17	-	-	0.19	0.25	0.44	-3.56	-1.00	2.56
	40	0.13	0.17	0.30	-5.30	-	-	0.19	0.24	0.43	-3.69	-1.00	2.69
6435	37	0.15	0.20	0.34	-4.65	-	-	0.21	0.29	0.50	-3.04	-1.00	2.04
	38	0.14	0.20	0.34	-4.73	-	-	0.21	0.28	0.49	-3.12	-1.00	2.12
	40	0.14	0.20	0.34	-4.70	-	-	0.20	0.29	0.49	-3.09	-1.00	2.09
6475	37	0.13	0.20	0.33	-4.87	-	-	0.19	0.28	0.47	-3.26	-1.00	2.26
	38	0.13	0.21	0.34	-4.64	-	-	0.19	0.30	0.50	-3.03	-1.00	2.03
	40	0.12	0.17	0.29	-5.35	-	-	0.17	0.25	0.42	-3.74	-1.00	2.74
6515	37	0.14	0.18	0.32	-5.00	-	-	0.20	0.26	0.46	-3.39	-1.00	2.39
	38	0.15	0.21	0.36	-4.48	-	-	0.22	0.30	0.52	-2.87	-1.00	1.87
	40	0.14	0.20	0.34	-4.66	-	-	0.21	0.29	0.49	-3.05	-1.00	2.05

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Antenn Gain	PSD Result Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenn 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]
5955	37	0.07	-21.71	3.27	9.98	1.61	-8.39	-6.78	-21.73	3.29	10.10	1.61	-8.27	-6.66
	38	0.07	-21.68	3.27	9.98	1.61	-8.36	-6.75	-21.32	3.29	10.10	1.61	-7.86	-6.25
	40	0.07	-22.05	3.27	9.98	1.61	-8.74	-7.13	-21.99	3.29	10.10	1.61	-8.54	-6.93
6195	37	0.07	-21.68	3.33	9.98	1.61	-8.30	-6.69	-20.85	3.35	10.10	1.61	-7.32	-5.71
	38	0.07	-21.62	3.33	9.98	1.61	-8.23	-6.62	-21.68	3.35	10.10	1.61	-8.16	-6.55
	40	0.07	-21.63	3.33	9.98	1.61	-8.24	-6.63	-21.62	3.35	10.10	1.61	-8.09	-6.48
6415	37	0.07	-22.53	3.39	9.99	1.61	-9.08	-7.47	-21.41	3.42	10.11	1.61	-7.81	-6.20
	38	0.07	-22.19	3.39	9.99	1.61	-8.74	-7.13	-21.29	3.42	10.11	1.61	-7.69	-6.08
	40	0.07	-22.38	3.39	9.99	1.61	-8.93	-7.32	-21.36	3.42	10.11	1.61	-7.77	-6.16
6435	37	0.07	-21.84	3.40	9.99	1.61	-8.38	-6.77	-20.65	3.42	10.11	1.61	-7.05	-5.44
	38	0.07	-21.95	3.40	9.99	1.61	-8.49	-6.88	-20.70	3.42	10.11	1.61	-7.09	-5.48
	40	0.07	-22.13	3.40	9.99	1.61	-8.67	-7.06	-20.52	3.42	10.11	1.61	-6.92	-5.31
6475	37	0.07	-22.31	3.41	9.99	1.61	-8.84	-7.23	-20.70	3.43	10.11	1.61	-7.08	-5.47
	38	0.07	-22.22	3.41	9.99	1.61	-8.75	-7.14	-20.39	3.43	10.11	1.61	-6.77	-5.16
	40	0.07	-22.70	3.41	9.99	1.61	-9.24	-7.63	-21.25	3.43	10.11	1.61	-7.64	-6.03
6515	37	0.07	-22.03	3.42	9.99	1.61	-8.55	-6.94	-21.15	3.44	10.11	1.61	-7.53	-5.92
	38	0.07	-21.73	3.42	9.99	1.61	-8.25	-6.64	-20.47	3.44	10.11	1.61	-6.85	-5.24
	40	0.07	-21.90	3.42	9.99	1.61	-8.42	-6.81	-20.67	3.44	10.11	1.61	-7.04	-5.43

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 + Antenna Gain

Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 6, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Makoto Hosaka
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin	PSD (e.i.r.p.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin
[MHz]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6535	37	0.16	0.19	0.35	-4.60	-	-	0.18	0.22	0.40	-4.00	-1.00	3.00
	38	0.16	0.23	0.39	-4.10	-	-	0.19	0.26	0.45	-3.50	-1.00	2.50
	40	0.16	0.22	0.38	-4.18	-	-	0.19	0.25	0.44	-3.58	-1.00	2.58
6695	37	0.14	0.17	0.32	-5.01	-	-	0.16	0.20	0.36	-4.41	-1.00	3.41
	38	0.14	0.18	0.33	-4.85	-	-	0.17	0.21	0.38	-4.25	-1.00	3.25
	40	0.15	0.18	0.33	-4.82	-	-	0.17	0.21	0.38	-4.22	-1.00	3.22
6855	37	0.11	0.15	0.26	-5.84	-	-	0.13	0.17	0.30	-5.24	-1.00	4.24
	38	0.12	0.15	0.28	-5.60	-	-	0.14	0.18	0.32	-5.00	-1.00	4.00
	40	0.12	0.14	0.26	-5.82	-	-	0.14	0.17	0.30	-5.22	-1.00	4.22
6875	37	0.11	0.14	0.25	-5.95	-	-	0.13	0.16	0.29	-5.35	-1.00	4.35
	38	0.11	0.17	0.28	-5.54	-	-	0.13	0.19	0.32	-4.94	-1.00	3.94
	40	0.11	0.16	0.28	-5.60	-	-	0.13	0.19	0.32	-5.00	-1.00	4.00
6895	37	0.18	0.17	0.35	-4.60	-	-	0.21	0.19	0.40	-4.00	-1.00	3.00
	38	0.20	0.17	0.37	-4.38	-	-	0.22	0.19	0.42	-3.78	-1.00	2.78
	40	0.18	0.15	0.34	-4.74	-	-	0.21	0.18	0.39	-4.14	-1.00	3.14
6995	37	0.16	0.16	0.32	-4.89	-	-	0.19	0.19	0.37	-4.29	-1.00	3.29
	38	0.19	0.17	0.35	-4.53	-	-	0.21	0.19	0.40	-3.93	-1.00	2.93
	40	0.17	0.16	0.33	-4.80	-	-	0.20	0.18	0.38	-4.20	-1.00	3.20
7095	37	0.15	0.13	0.28	-5.59	-	-	0.17	0.15	0.32	-4.99	-1.00	3.99
	38	0.16	0.15	0.31	-5.04	-	-	0.19	0.17	0.36	-4.44	-1.00	3.44
	40	0.15	0.15	0.30	-5.24	-	-	0.17	0.17	0.34	-4.64	-1.00	3.64

			ANT0						ANT1					
Tested Frequency	RU Index	Duty 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]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
6535	37	0.07	-21.56	3.43	9.99	0.60	-8.07	-7.47	-20.82	3.45	10.11	0.60	-7.19	-6.59
	38	0.07	-21.34	3.43	9.99	0.60	-7.86	-7.26	-20.10	3.45	10.11	0.60	-6.47	-5.87
	40	0.07	-21.38	3.43	9.99	0.60	-7.89	-7.29	-20.21	3.45	10.11	0.60	-6.58	-5.98
6695	37	0.07	-22.03	3.47	9.99	0.60	-8.50	-7.90	-21.28	3.49	10.12	0.60	-7.60	-7.00
	38	0.07	-21.94	3.47	9.99	0.60	-8.41	-7.81	-21.05	3.49	10.12	0.60	-7.37	-6.77
	40	0.07	-21.90	3.47	9.99	0.60	-8.37	-7.77	-21.02	3.49	10.12	0.60	-7.34	-6.74
6855	37	0.07	-23.05	3.52	9.99	0.60	-9.47	-8.87	-22.03	3.54	10.12	0.60	-8.30	-7.70
	38	0.07	-22.77	3.52	9.99	0.60	-9.20	-8.60	-21.82	3.54	10.12	0.60	-8.10	-7.50
	40	0.07	-22.87	3.52	9.99	0.60	-9.29	-8.69	-22.13	3.54	10.12	0.60	-8.41	-7.81
6875	37	0.07	-23.14	3.52	9.99	0.60	-9.56	-8.96	-22.16	3.54	10.12	0.60	-8.43	-7.83
	38	0.07	-23.12	3.52	9.99	0.60	-9.54	-8.94	-21.48	3.54	10.12	0.60	-7.75	-7.15
	40	0.07	-23.07	3.52	9.99	0.60	-9.49	-8.89	-21.61	3.54	10.12	0.60	-7.88	-7.28
6895	37	0.07	-21.02	3.53	9.99	0.60	-7.43	-6.83	-21.52	3.55	10.12	0.60	-7.78	-7.18
	38	0.07	-20.67	3.53	9.99	0.60	-7.08	-6.48	-21.45	3.55	10.12	0.60	-7.71	-7.11
	40	0.07	-21.02	3.53	9.99	0.60	-7.43	-6.83	-21.84	3.55	10.12	0.60	-8.10	-7.50
6995	37	0.07	-21.53	3.56	9.99	0.60	-7.91	-7.31	-21.66	3.58	10.12	0.60	-7.90	-7.30
	38	0.07	-20.94	3.56	9.99	0.60	-7.32	-6.72	-21.55	3.58	10.12	0.60	-7.78	-7.18
	40	0.07	-21.22	3.56	9.99	0.60	-7.61	-7.01	-21.79	3.58	10.12	0.60	-8.02	-7.42
7095	37	0.07	-21.89	3.58	9.99	0.60	-8.24	-7.64	-22.78	3.60	10.12	0.60	-8.98	-8.38
	38	0.07	-21.56	3.58	9.99	0.60	-7.91	-7.31	-22.00	3.60	10.12	0.60	-8.20	-7.60
	40	0.07	-21.82	3.58	9.99	0.60	-8.18	-7.58	-22.12	3.60	10.12	0.60	-8.32	-7.72

Sample Calculation:

PSD: Power Spectral Density

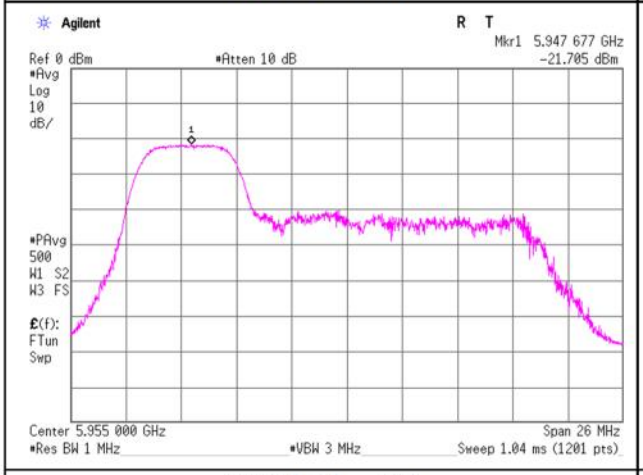
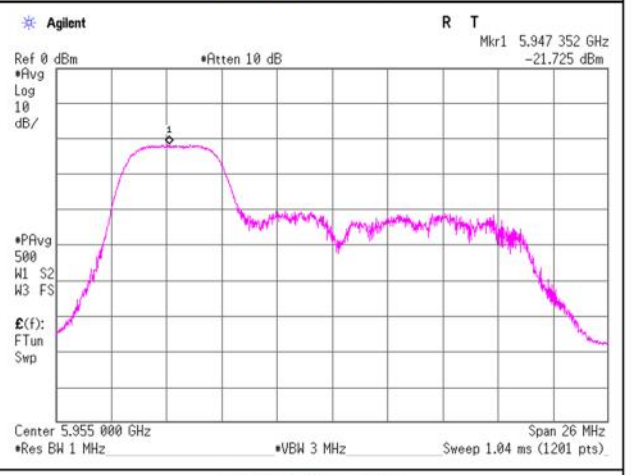
PSD (Conducted) Result = Reading + Cable Loss (including the Cable(s) customer supplied) + Atten. Loss+ Duty Factor

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

Maximum Power Spectral Density

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

5955 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
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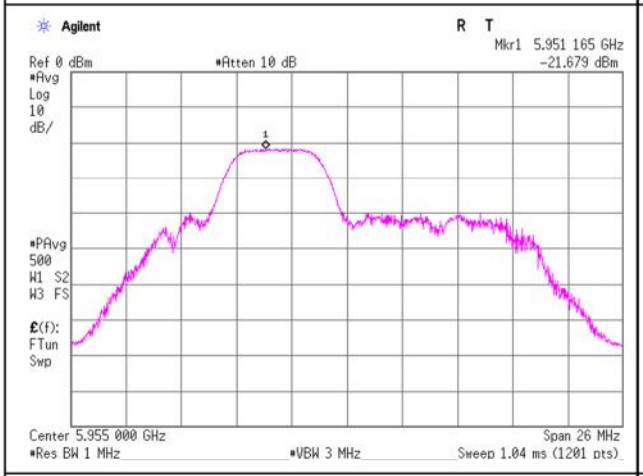	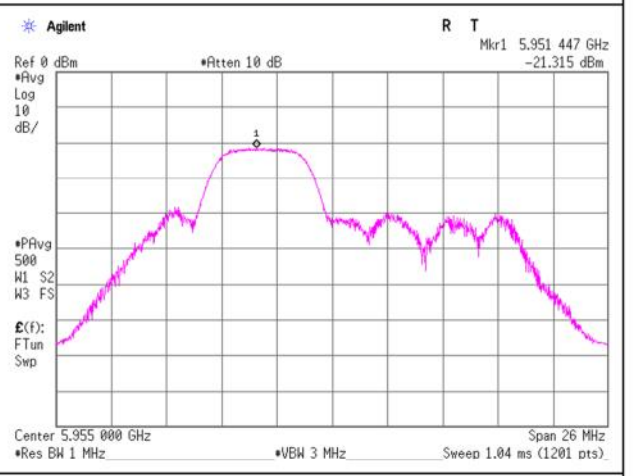
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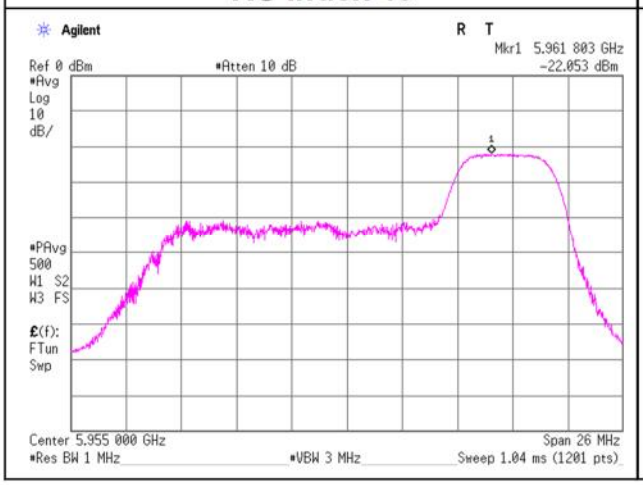
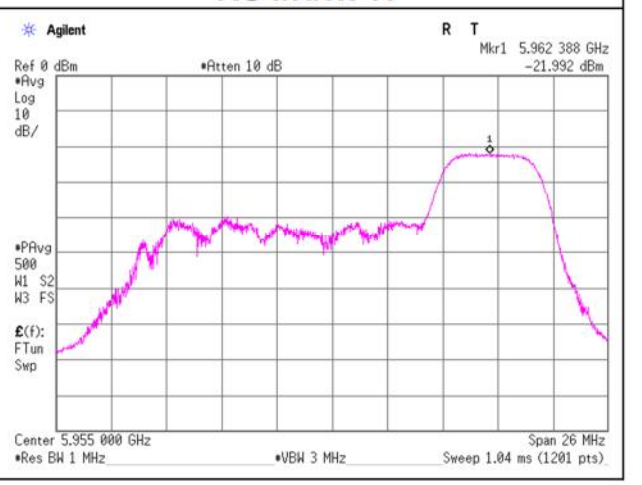
	

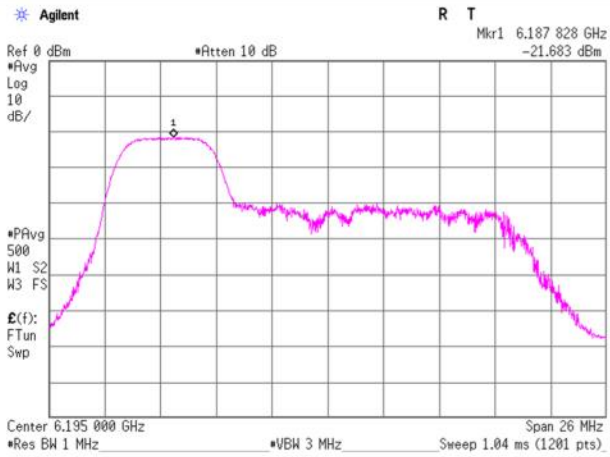
Maximum Power Spectral Density

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

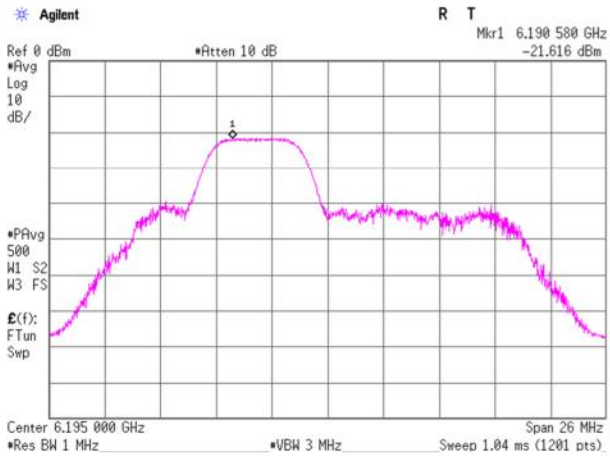
6195 MHz

ANT0

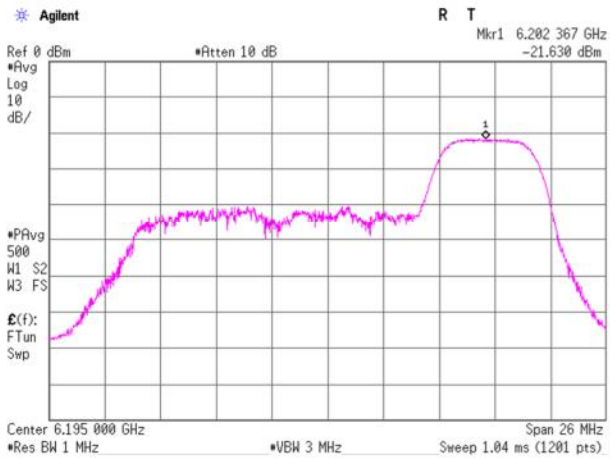
RU Index 37



RU Index 38

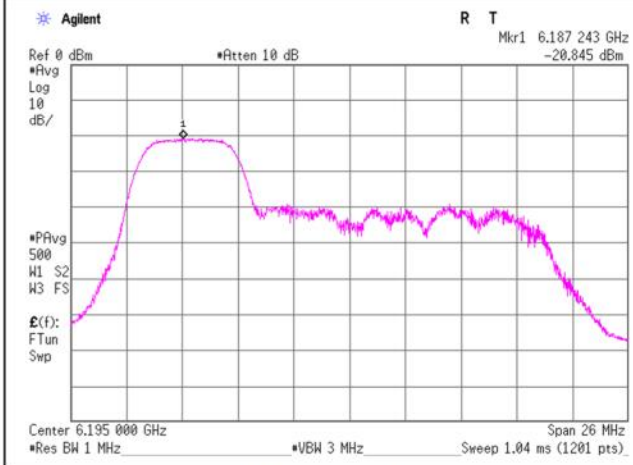


RU Index 40

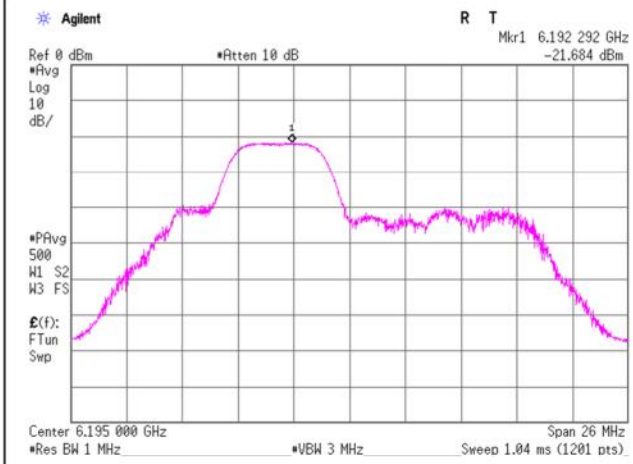


ANT1

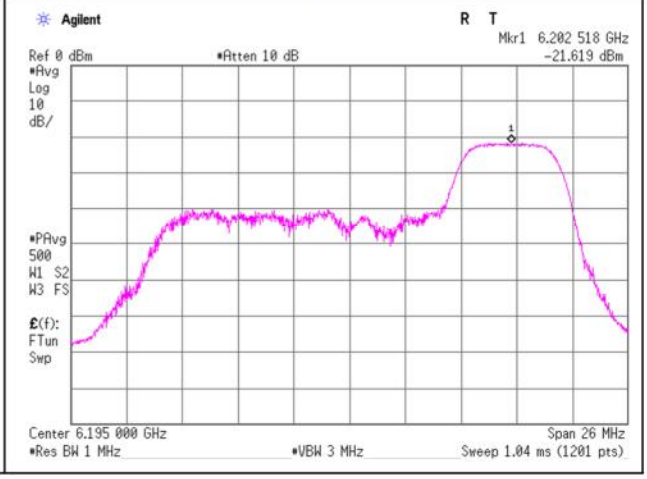
RU Index 37



RU Index 38



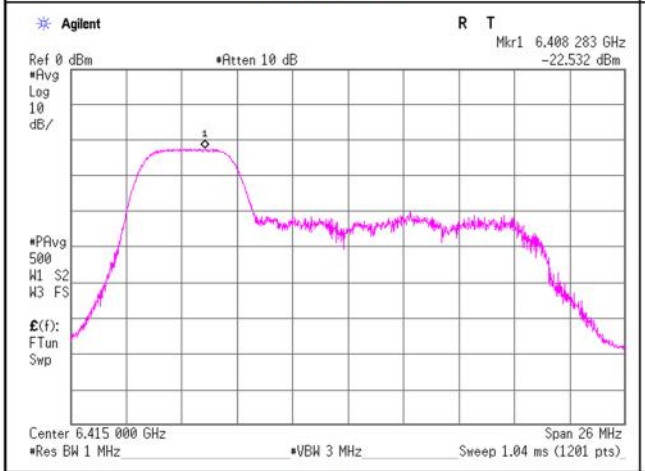
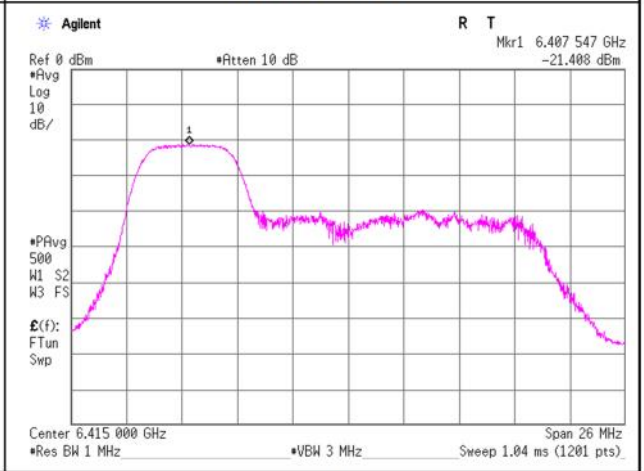
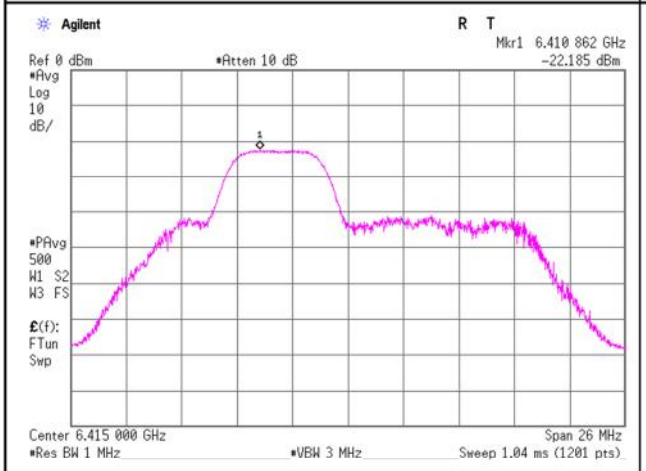
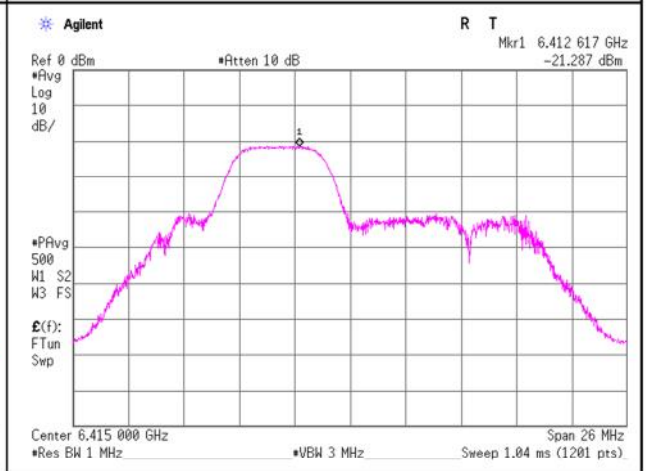
RU Index 40



Maximum Power Spectral Density

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

6415 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
RU Index 38	RU Index 38
	
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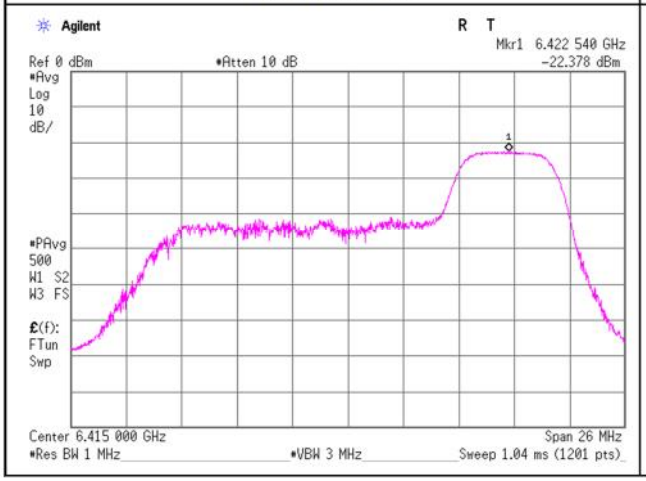
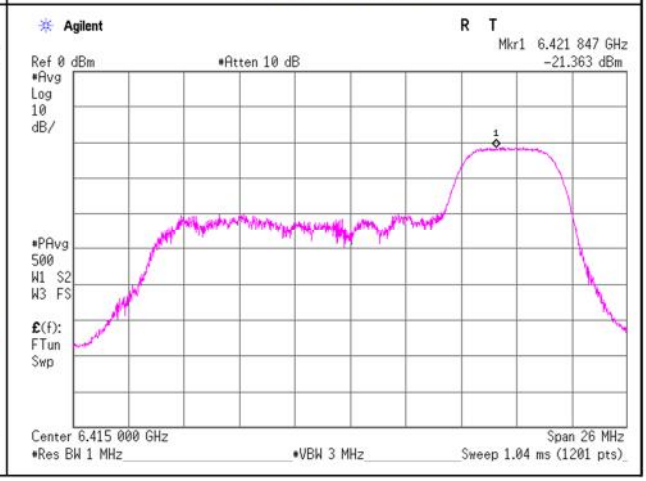
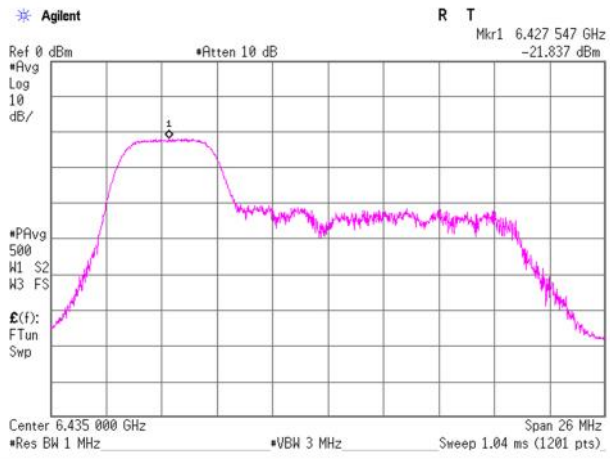
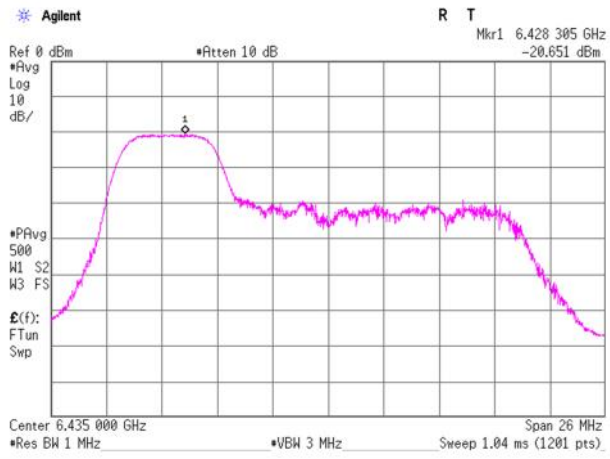
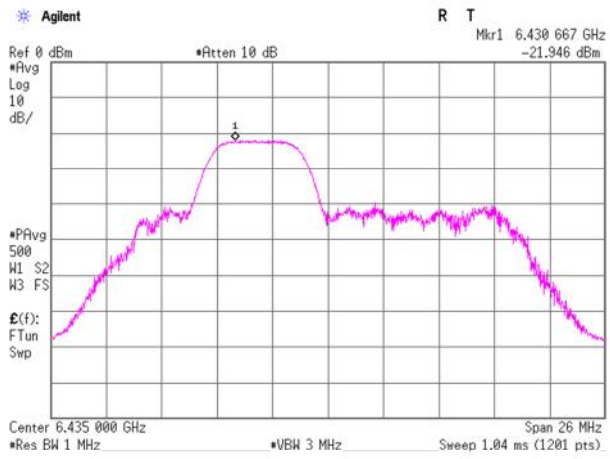
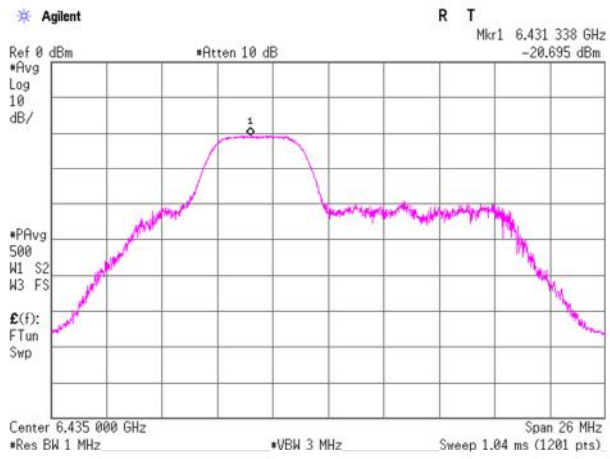
	

Maximum Power Spectral Density

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

6435 MHz

ANT0	ANT1
RU Index 37	**RU Index 37**
	
RU Index 38	**RU Index 38**
	
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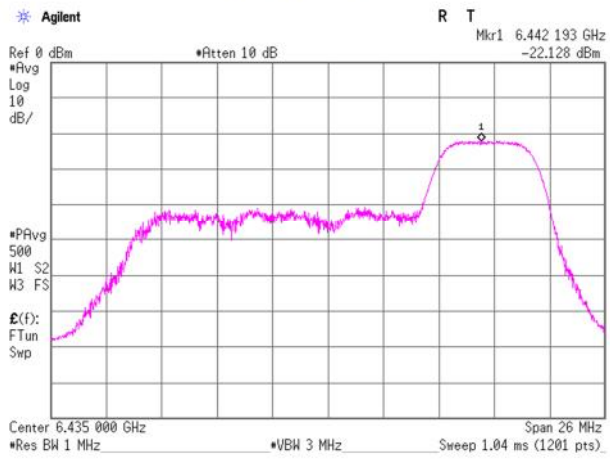
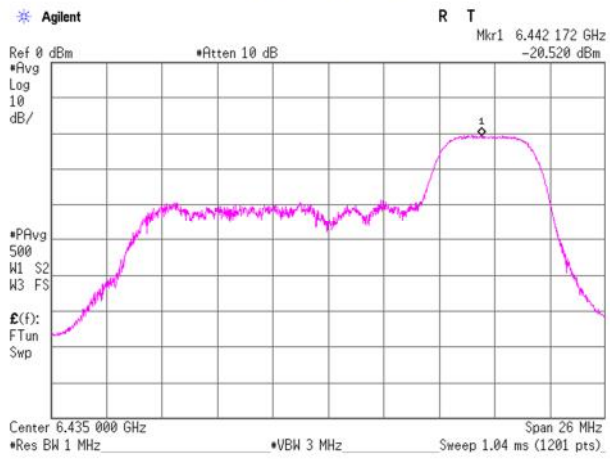
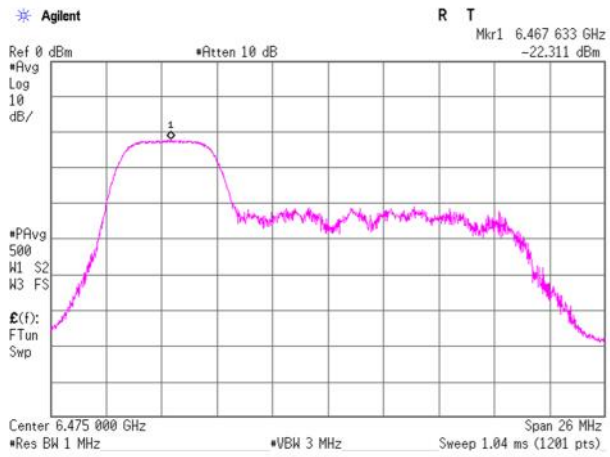
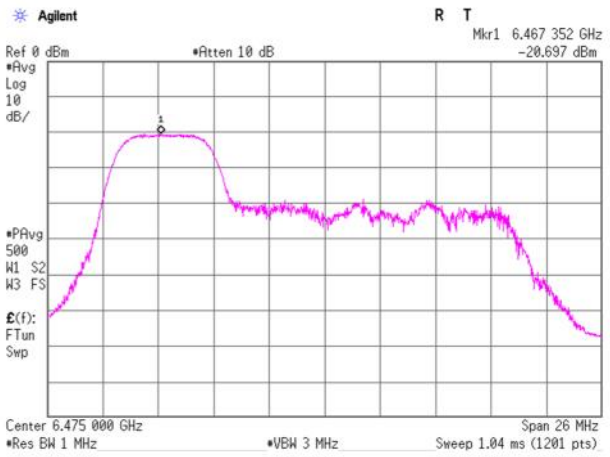
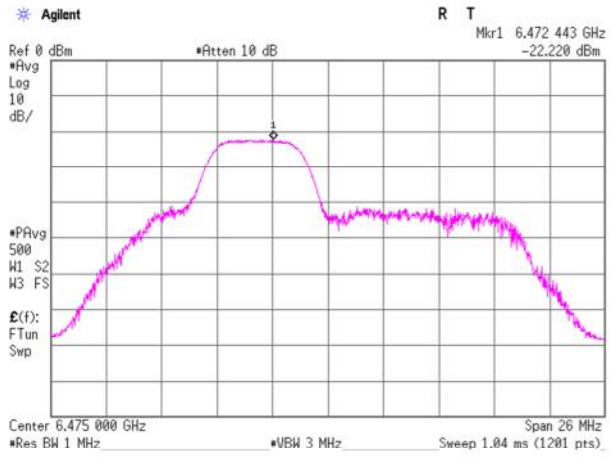
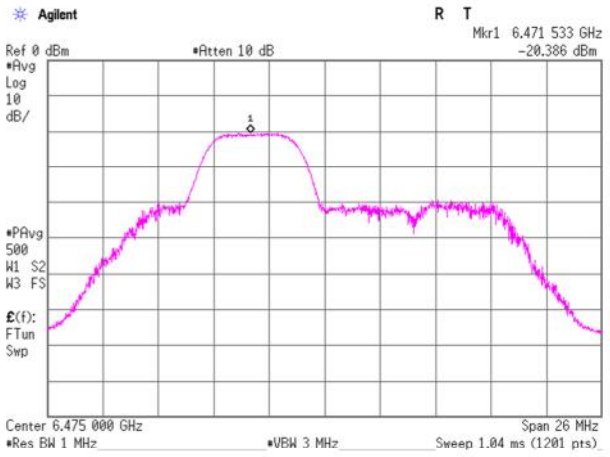
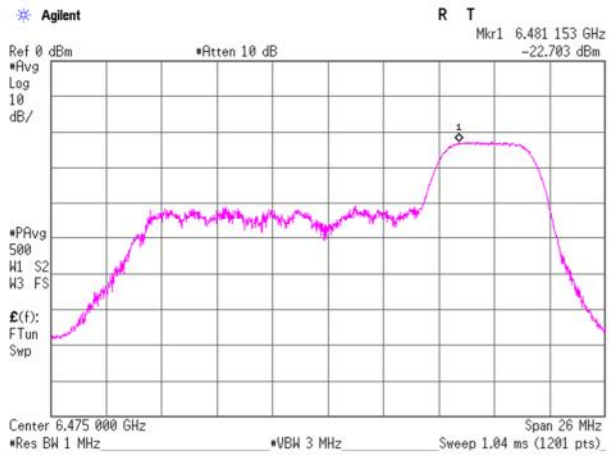
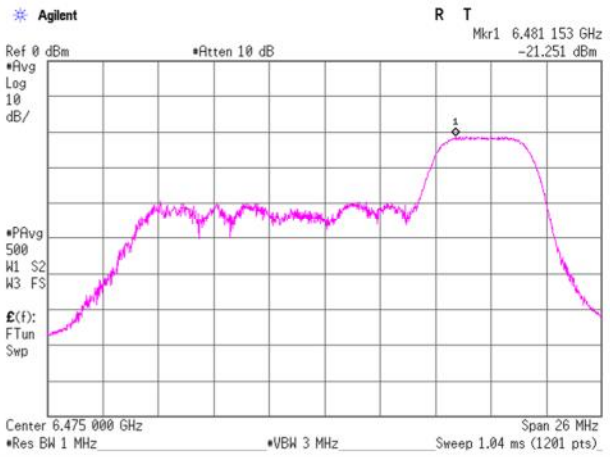
	

Maximum Power Spectral Density

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

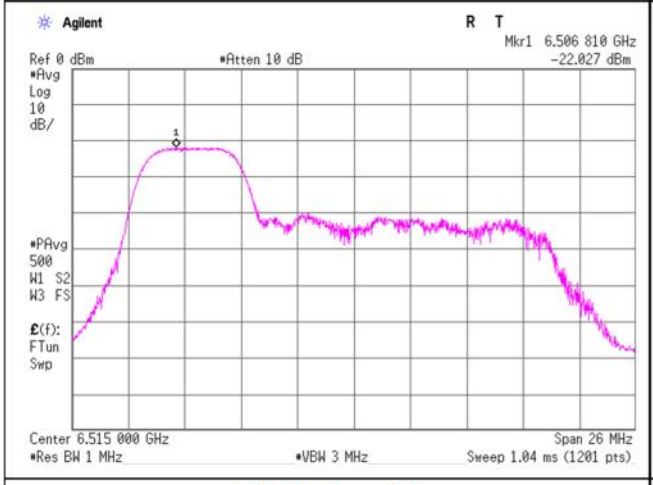
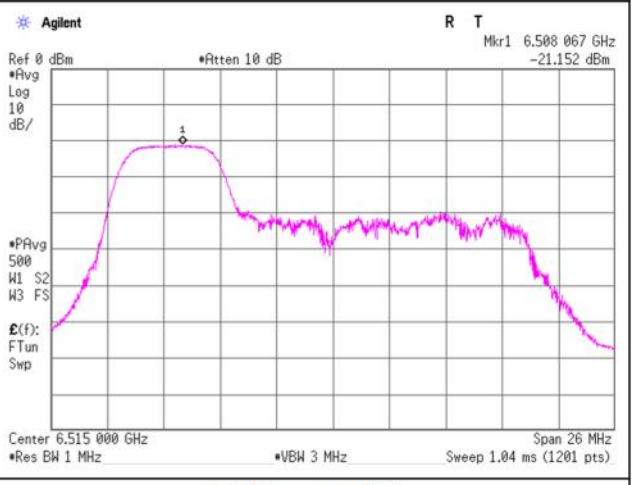
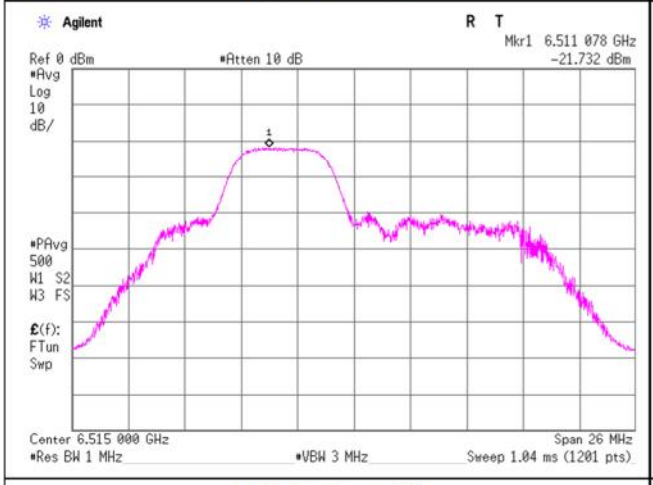
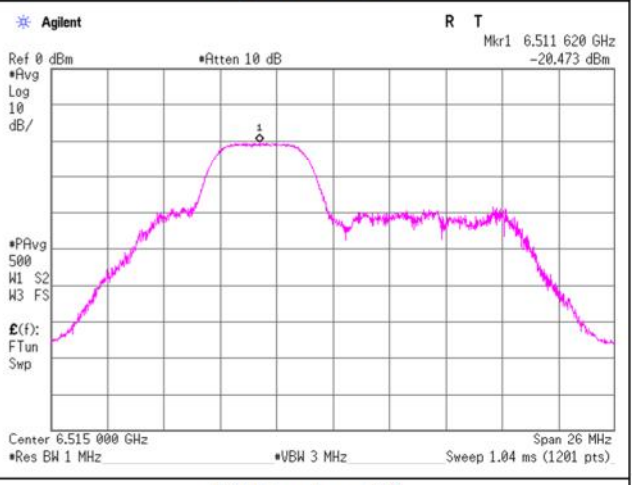
6475 MHz

ANT0	ANT1
RU Index 37	**RU Index 37**
	
RU Index 38	**RU Index 38**
	
RU Index 40	**RU Index 40**
	

Maximum Power Spectral Density

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

6515 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
RU Index 38	RU Index 38
	
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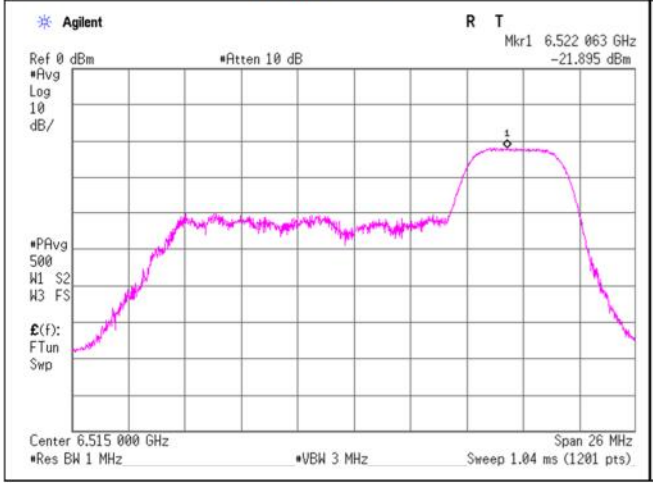
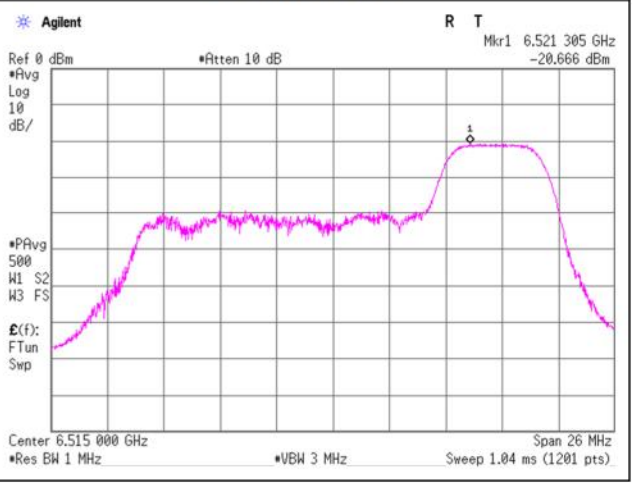
	

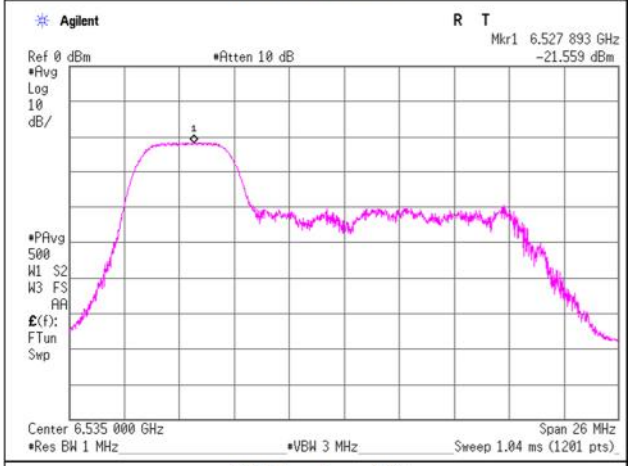
Maximum Power Spectral Density

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

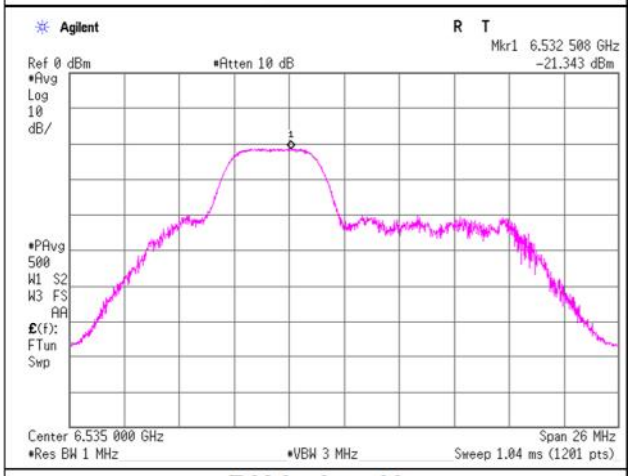
6535 MHz

ANT0

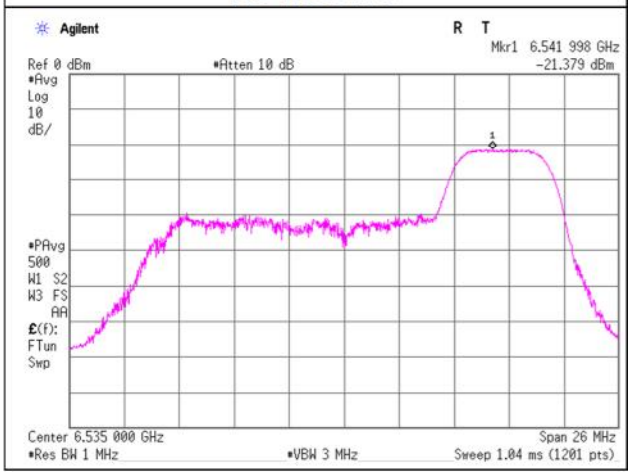
RU Index 37



RU Index 38

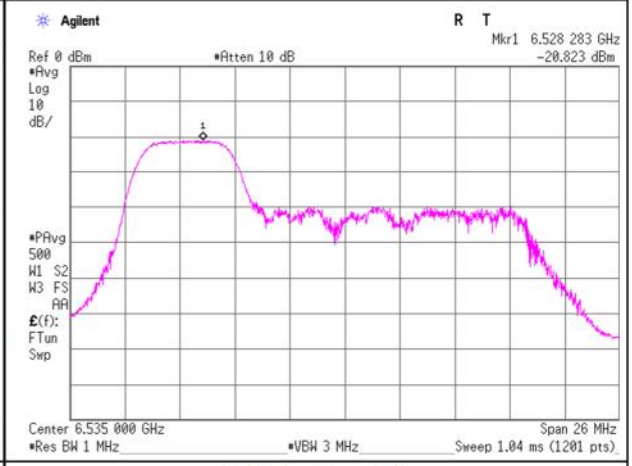


RU Index 40



ANT1

RU Index 37



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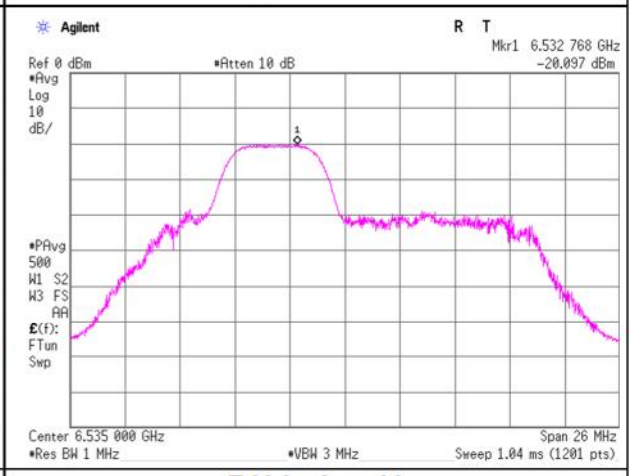

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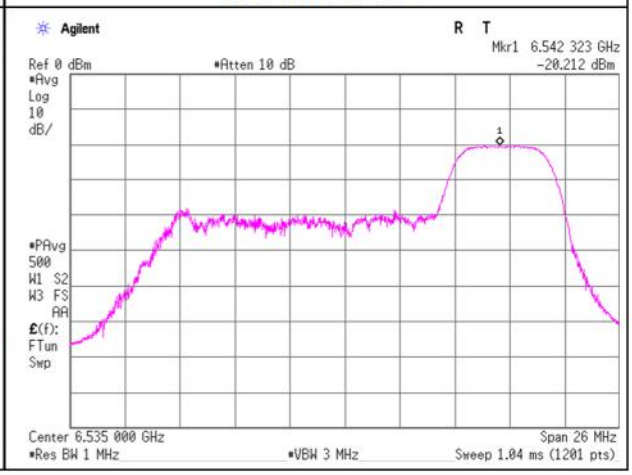


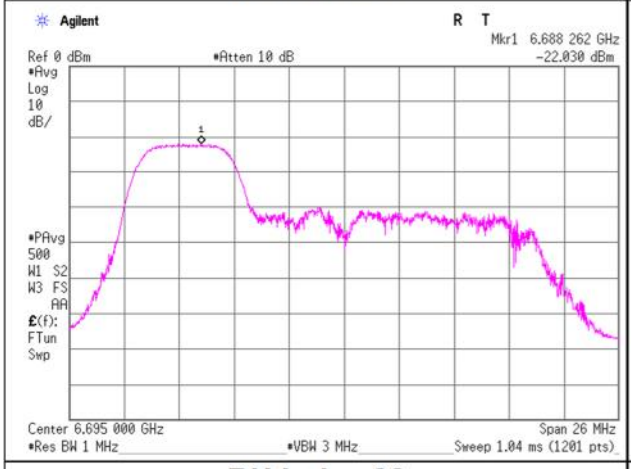
Maximum Power Spectral Density

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

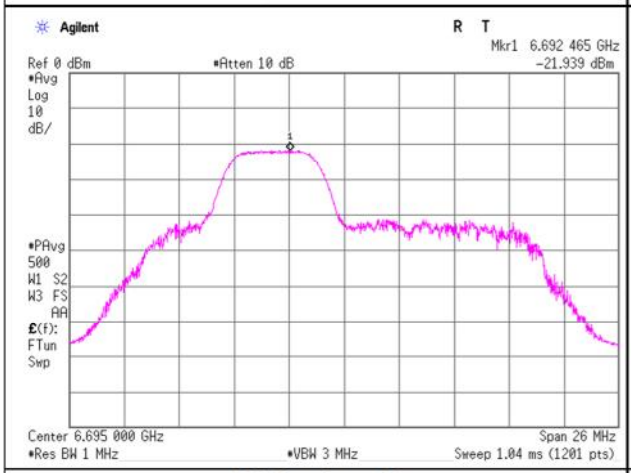
6695 MHz

ANT0

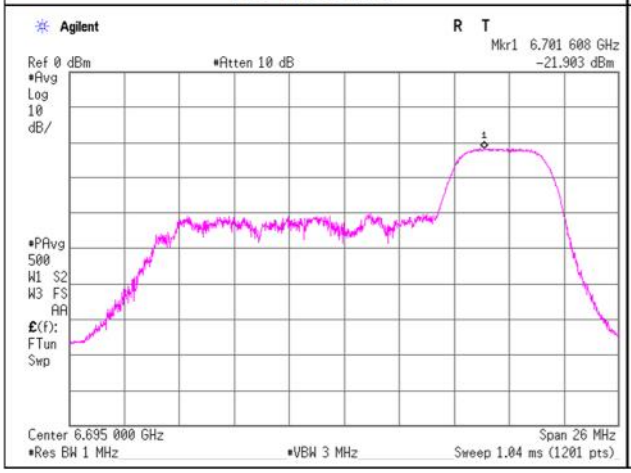
RU Index 37



RU Index 38

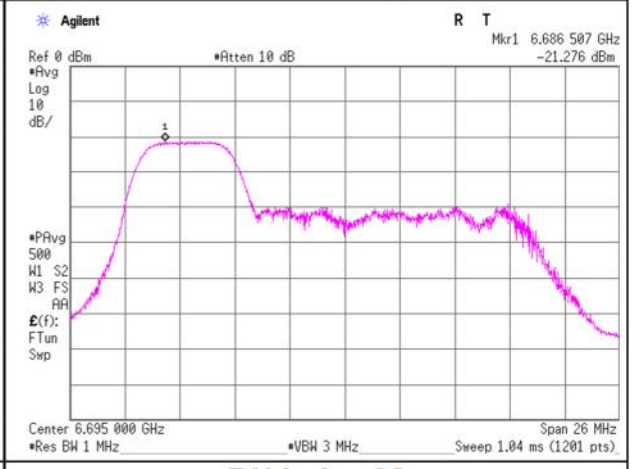


RU Index 40

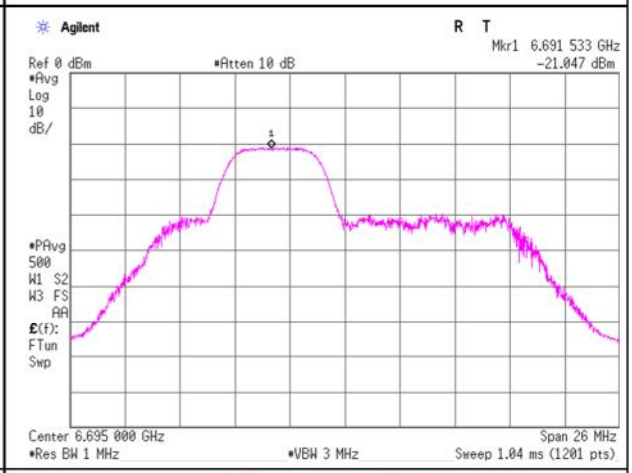


ANT1

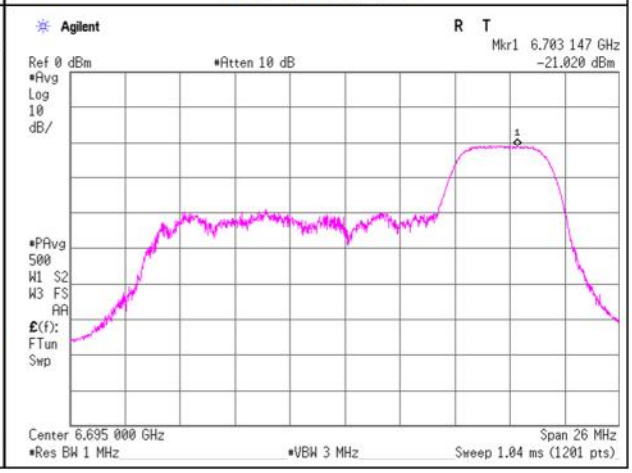
RU Index 37



RU Index 38



RU Index 40



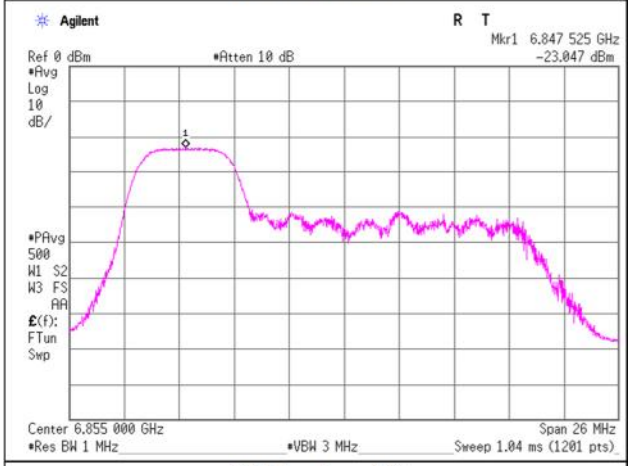
Maximum Power Spectral Density

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

6855 MHz

ANT0

RU Index 37



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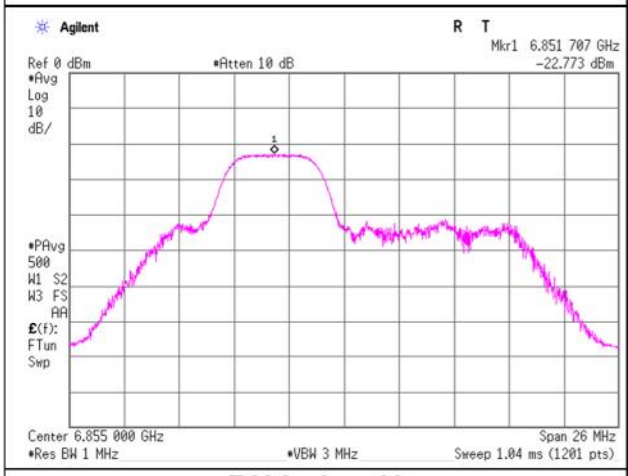

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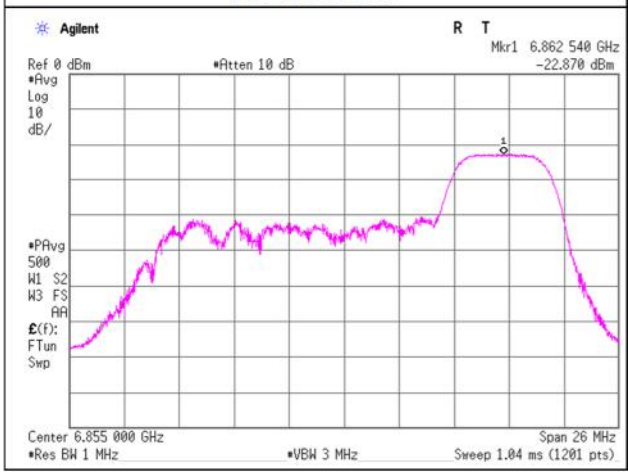
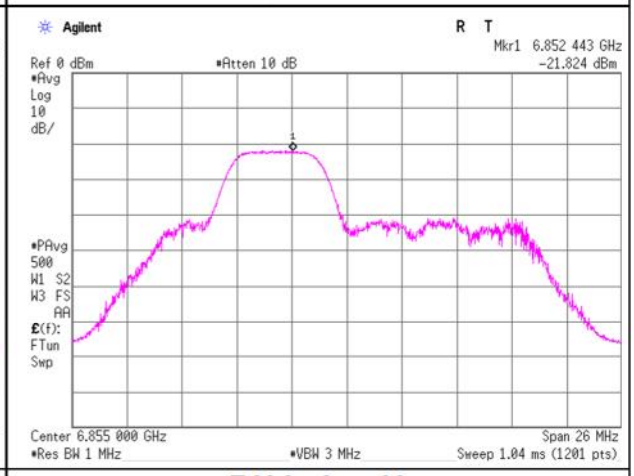


ANT1

RU Index 37

RU Index 38



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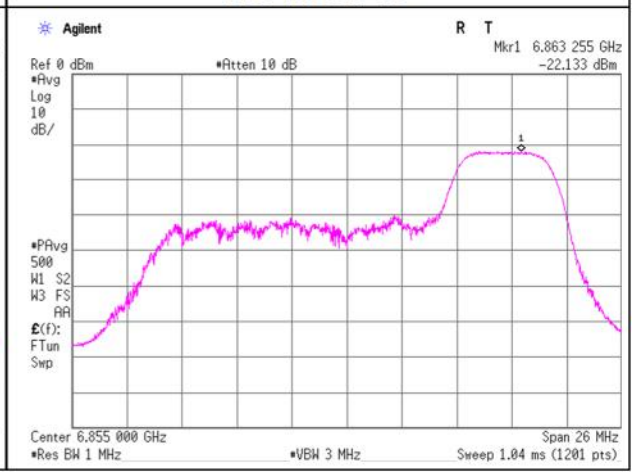


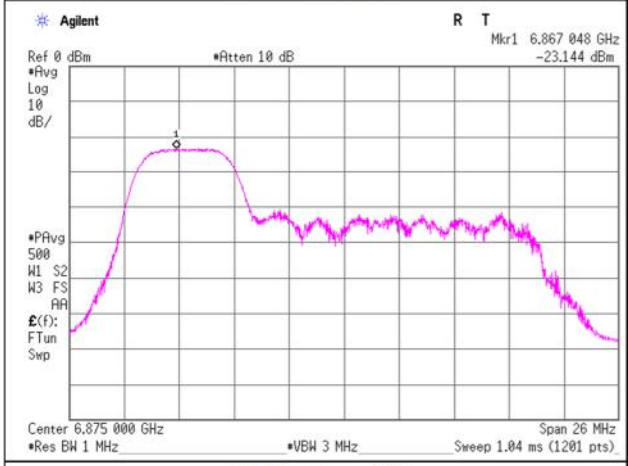
Maximum Power Spectral Density

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

6875 MHz

ANT0

RU Index 37



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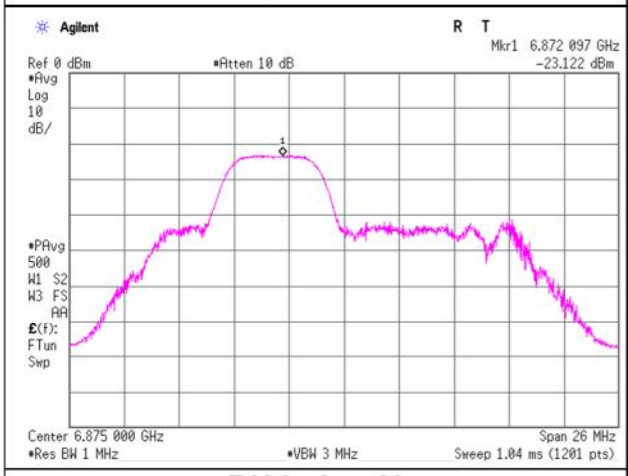

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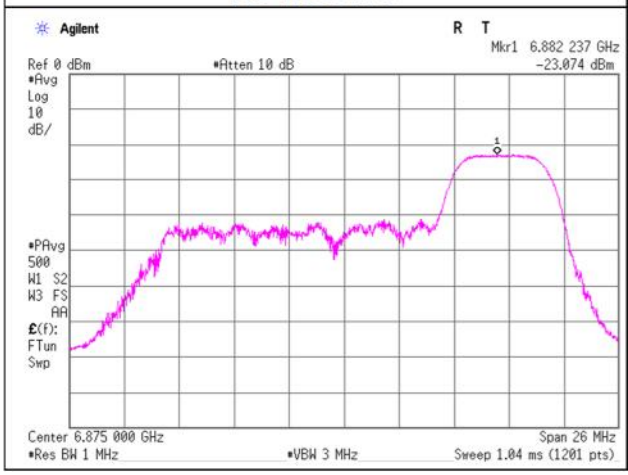
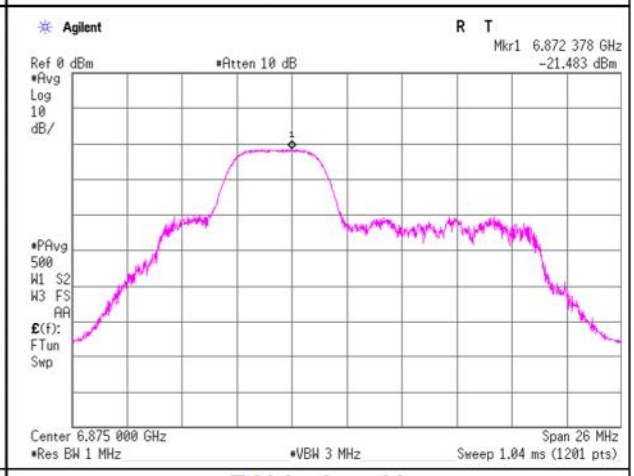


ANT1

RU Index 37

RU Index 38



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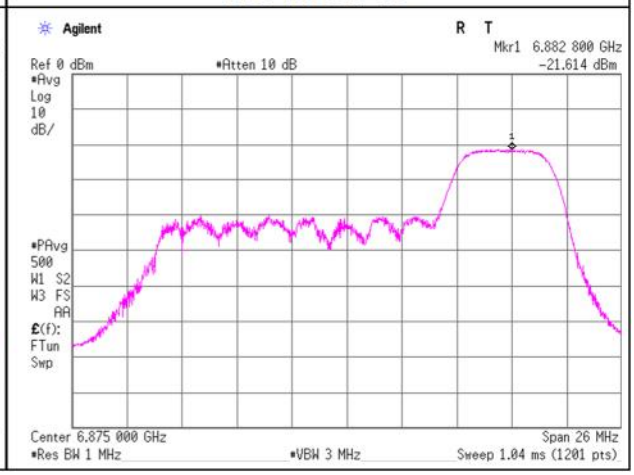


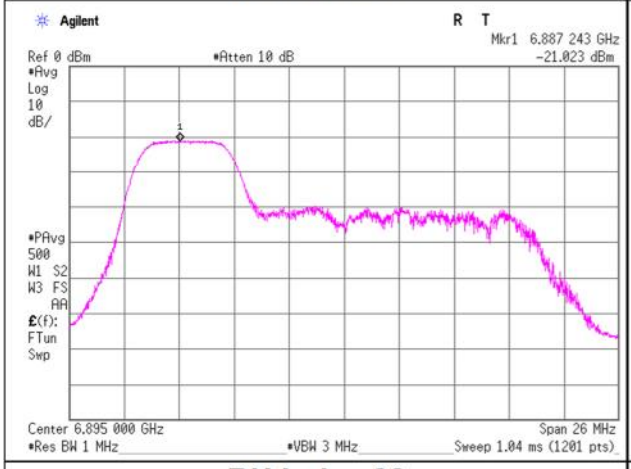
Maximum Power Spectral Density

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

6895 MHz

ANT0

RU Index 37



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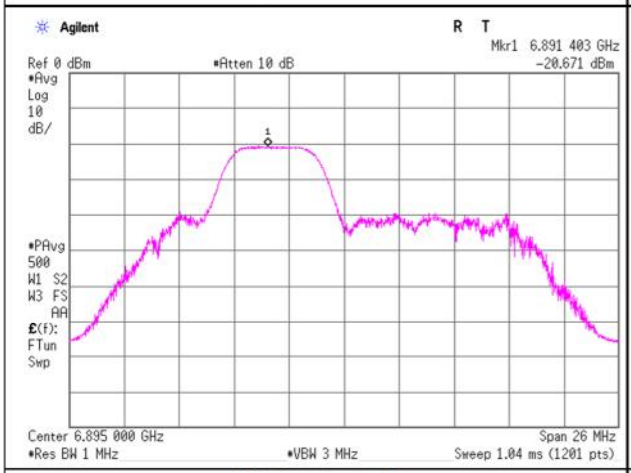
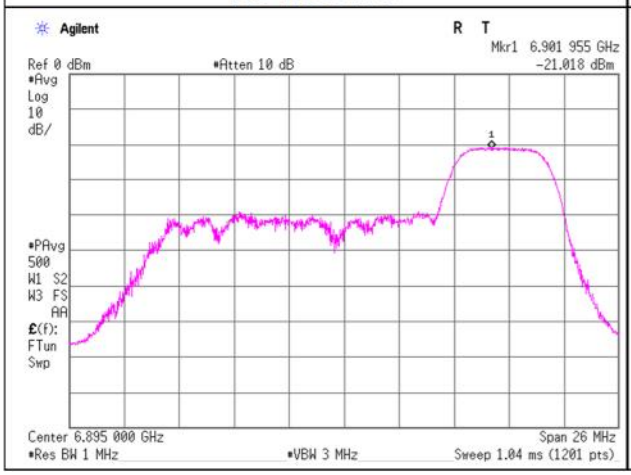
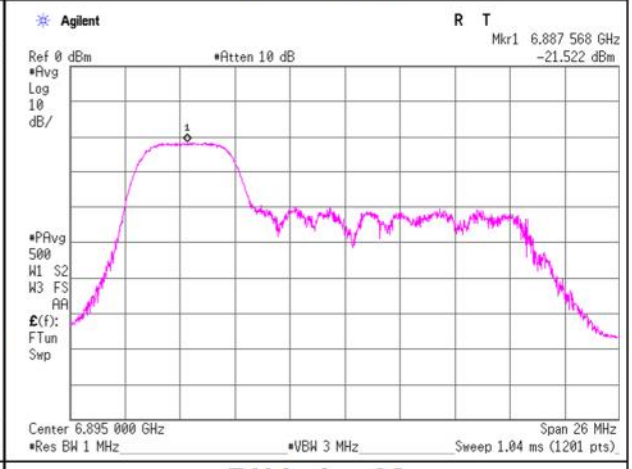


RU Index 40

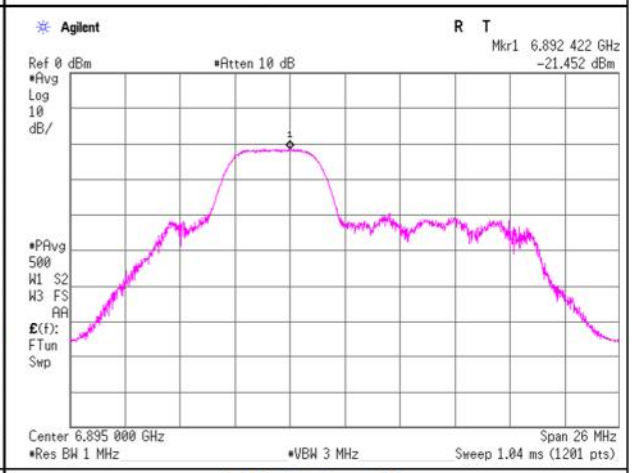


ANT1

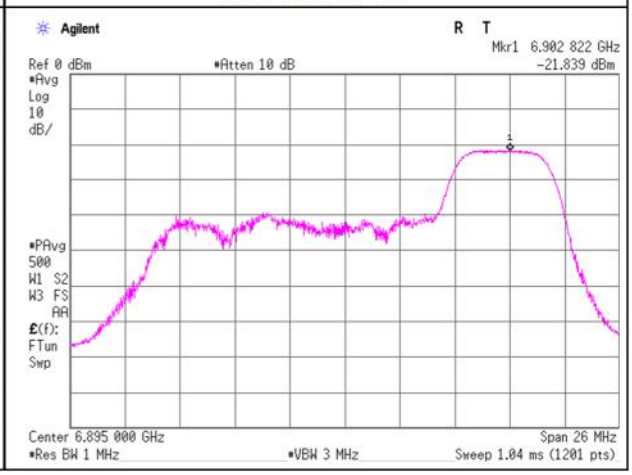
RU Index 37



RU Index 38



RU Index 40



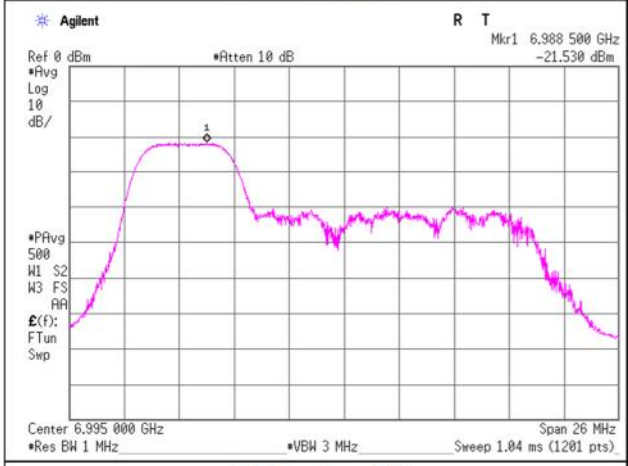
Maximum Power Spectral Density

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

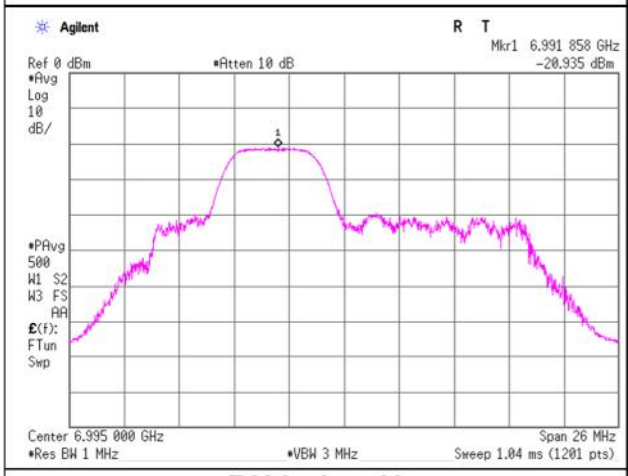
6995 MHz

ANT0

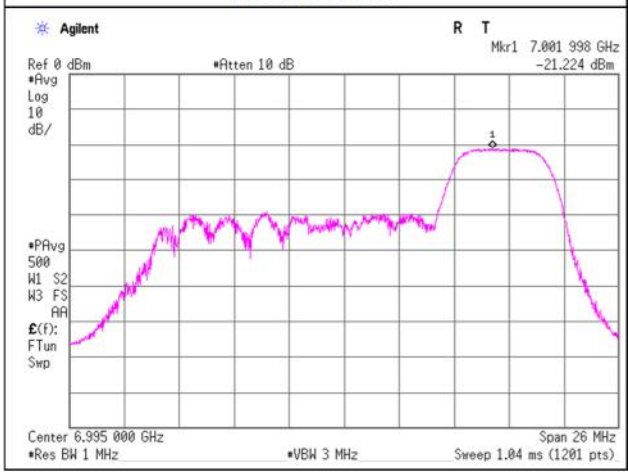
RU Index 37



RU Index 38

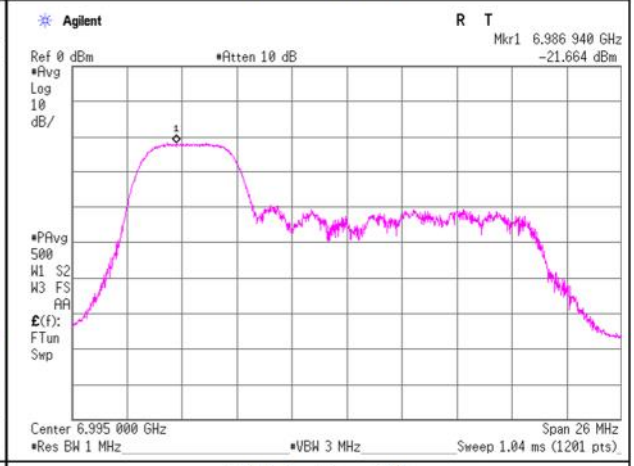


RU Index 40



ANT1

RU Index 37



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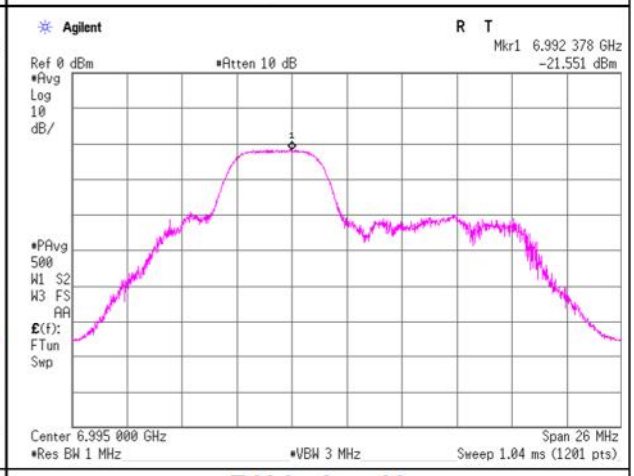

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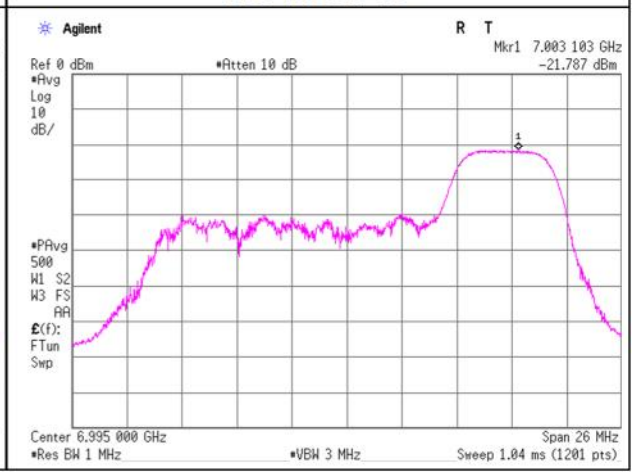


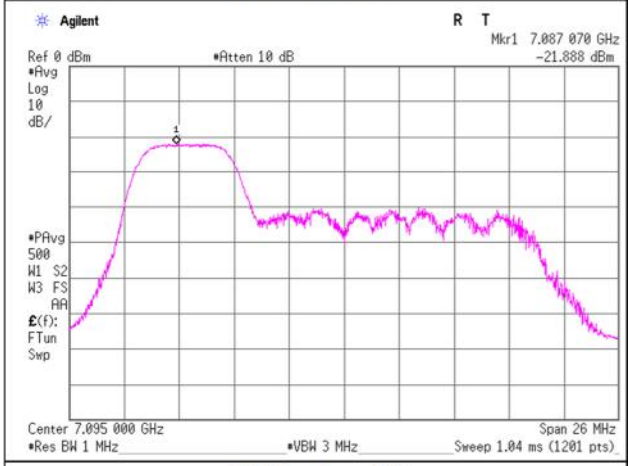
Maximum Power Spectral Density

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

7095 MHz

ANT0

RU Index 37



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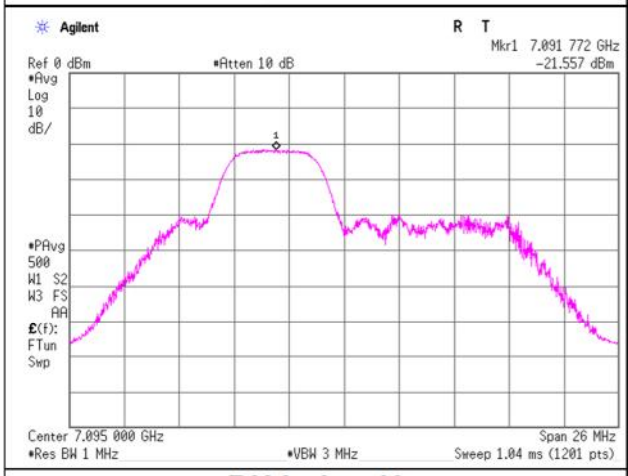

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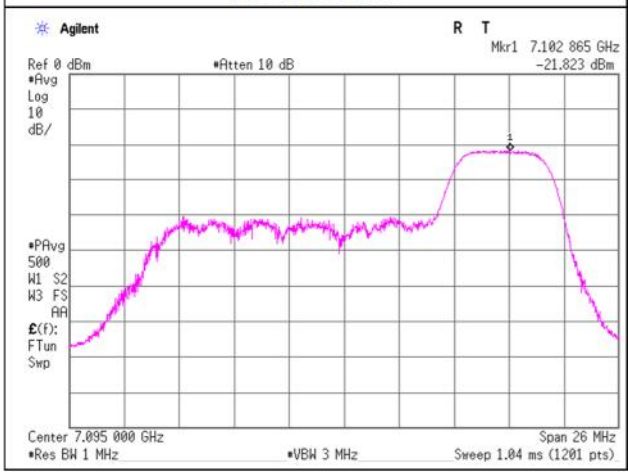
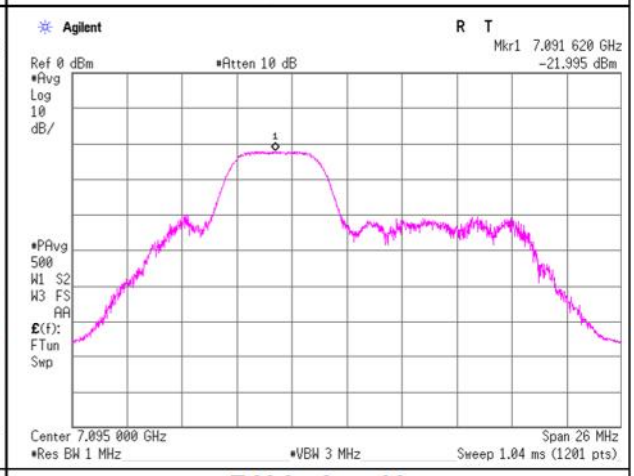


ANT1

RU Index 37

RU Index 38



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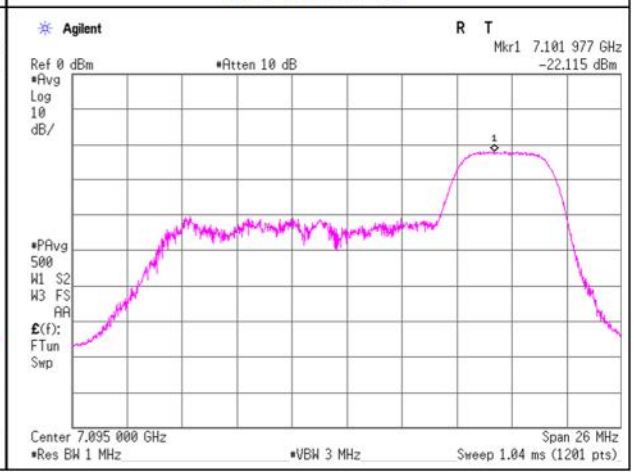


Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 6, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Makoto Hosaka
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin	PSD (e.i.r.p.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin
[MHz]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	37	0.08	0.08	0.17	-7.76	-	-	0.24	0.25	0.49	-3.13	-1.00	2.13
	38	0.08	0.09	0.17	-7.74	-	-	0.24	0.25	0.49	-3.11	-1.00	2.11
	40	0.08	0.08	0.16	-8.01	-	-	0.22	0.23	0.46	-3.38	-1.00	2.38
6195	37	0.08	0.08	0.16	-8.03	-	-	0.22	0.24	0.46	-3.40	-1.00	2.40
	38	0.08	0.08	0.17	-7.78	-	-	0.24	0.24	0.48	-3.15	-1.00	2.15
	40	0.08	0.08	0.17	-7.81	-	-	0.24	0.25	0.48	-3.18	-1.00	2.18
6415	37	0.07	0.08	0.15	-8.27	-	-	0.19	0.24	0.43	-3.64	-1.00	2.64
	38	0.07	0.08	0.15	-8.22	-	-	0.19	0.24	0.44	-3.59	-1.00	2.59
	40	0.07	0.08	0.15	-8.23	-	-	0.20	0.24	0.44	-3.60	-1.00	2.60
6435	37	0.08	0.11	0.19	-7.27	-	-	0.23	0.31	0.54	-2.64	-1.00	1.64
	38	0.09	0.12	0.20	-6.91	-	-	0.25	0.34	0.59	-2.28	-1.00	1.28
	40	0.07	0.11	0.18	-7.55	-	-	0.19	0.32	0.51	-2.92	-1.00	1.92
6475	37	0.08	0.10	0.18	-7.48	-	-	0.23	0.29	0.52	-2.85	-1.00	1.85
	38	0.08	0.11	0.18	-7.34	-	-	0.23	0.31	0.54	-2.71	-1.00	1.71
	40	0.07	0.11	0.18	-7.42	-	-	0.21	0.31	0.53	-2.79	-1.00	1.79
6515	37	0.07	0.11	0.19	-7.30	-	-	0.22	0.32	0.54	-2.67	-1.00	1.67
	38	0.07	0.12	0.20	-7.08	-	-	0.22	0.35	0.57	-2.45	-1.00	1.45
	40	0.09	0.11	0.20	-7.01	-	-	0.25	0.33	0.58	-2.38	-1.00	1.38

			ANT0						ANT1					
Tested Frequency	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]
5955	37	0.07	-24.14	3.27	9.98	4.63	-10.83	-6.20	-24.17	3.29	10.10	4.63	-10.72	-6.09
	38	0.07	-24.18	3.27	9.98	4.63	-10.87	-6.24	-24.09	3.29	10.10	4.63	-10.63	-6.00
	40	0.07	-24.44	3.27	9.98	4.63	-11.12	-6.49	-24.37	3.29	10.10	4.63	-10.92	-6.29
6195	37	0.07	-24.60	3.33	9.98	4.63	-11.21	-6.58	-24.41	3.35	10.10	4.63	-10.88	-6.25
	38	0.07	-24.22	3.33	9.98	4.63	-10.84	-6.21	-24.27	3.35	10.10	4.63	-10.74	-6.11
	40	0.07	-24.29	3.33	9.98	4.63	-10.91	-6.28	-24.26	3.35	10.10	4.63	-10.73	-6.10
6415	37	0.07	-25.25	3.39	9.99	4.63	-11.80	-7.17	-24.41	3.42	10.11	4.63	-10.82	-6.19
	38	0.07	-25.21	3.39	9.99	4.63	-11.76	-7.13	-24.35	3.42	10.11	4.63	-10.76	-6.13
	40	0.07	-25.18	3.39	9.99	4.63	-11.73	-7.10	-24.40	3.42	10.11	4.63	-10.81	-6.18
6435	37	0.07	-24.42	3.40	9.99	4.63	-10.96	-6.33	-23.29	3.42	10.11	4.63	-9.69	-5.06
	38	0.07	-24.05	3.40	9.99	4.63	-10.59	-5.96	-22.94	3.42	10.11	4.63	-9.33	-4.70
	40	0.07	-25.21	3.40	9.99	4.63	-11.75	-7.12	-23.24	3.42	10.11	4.63	-9.64	-5.01
6475	37	0.07	-24.49	3.41	9.99	4.63	-11.02	-6.39	-23.63	3.43	10.11	4.63	-10.02	-5.39
	38	0.07	-24.46	3.41	9.99	4.63	-10.99	-6.36	-23.40	3.43	10.11	4.63	-9.79	-5.16
	40	0.07	-24.85	3.41	9.99	4.63	-11.38	-6.75	-23.27	3.43	10.11	4.63	-9.65	-5.02
6515	37	0.07	-24.74	3.42	9.99	4.63	-11.26	-6.63	-23.15	3.44	10.11	4.63	-9.53	-4.90
	38	0.07	-24.73	3.42	9.99	4.63	-11.25	-6.62	-22.79	3.44	10.11	4.63	-9.17	-4.54
	40	0.07	-24.12	3.42	9.99	4.63	-10.64	-6.01	-23.10	3.44	10.11	4.63	-9.47	-4.84

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.5 Shielded Room
Date	February 6, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Makoto Hosaka
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	RU Index	PSD (Cond.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin	PSD (e.i.r.p.) Antenna ANT0	ANT1	Sum	Result	Limit	Margin
[MHz]		[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
6535	37	0.09	0.10	0.19	-7.33	-	-	0.20	0.22	0.43	-3.71	-1.00	2.71
	38	0.09	0.10	0.19	-7.10	-	-	0.21	0.23	0.45	-3.48	-1.00	2.48
	40	0.09	0.11	0.20	-6.96	-	-	0.21	0.26	0.46	-3.34	-1.00	2.34
6695	37	0.07	0.09	0.17	-7.77	-	-	0.17	0.21	0.38	-4.15	-1.00	3.15
	38	0.08	0.10	0.19	-7.32	-	-	0.19	0.24	0.43	-3.70	-1.00	2.70
	40	0.08	0.10	0.18	-7.43	-	-	0.18	0.24	0.42	-3.81	-1.00	2.81
6855	37	0.06	0.09	0.15	-8.20	-	-	0.14	0.20	0.35	-4.58	-1.00	3.58
	38	0.06	0.09	0.15	-8.14	-	-	0.15	0.21	0.35	-4.52	-1.00	3.52
	40	0.06	0.08	0.14	-8.39	-	-	0.14	0.19	0.33	-4.77	-1.00	3.77
6875	37	0.06	0.09	0.14	-8.43	-	-	0.13	0.20	0.33	-4.81	-1.00	3.81
	38	0.06	0.08	0.14	-8.46	-	-	0.14	0.19	0.33	-4.84	-1.00	3.84
	40	0.06	0.08	0.14	-8.40	-	-	0.14	0.19	0.33	-4.78	-1.00	3.78
6895	37	0.10	0.09	0.19	-7.24	-	-	0.22	0.21	0.43	-3.62	-1.00	2.62
	38	0.10	0.10	0.20	-6.96	-	-	0.24	0.23	0.46	-3.34	-1.00	2.34
	40	0.09	0.08	0.18	-7.47	-	-	0.22	0.20	0.41	-3.85	-1.00	2.85
6995	37	0.09	0.08	0.17	-7.74	-	-	0.20	0.19	0.39	-4.12	-1.00	3.12
	38	0.09	0.08	0.17	-7.58	-	-	0.21	0.20	0.40	-3.96	-1.00	2.96
	40	0.08	0.08	0.16	-7.87	-	-	0.19	0.19	0.38	-4.25	-1.00	3.25
7095	37	0.07	0.07	0.15	-8.27	-	-	0.17	0.17	0.34	-4.65	-1.00	3.65
	38	0.08	0.08	0.15	-8.12	-	-	0.17	0.18	0.35	-4.50	-1.00	3.50
	40	0.07	0.07	0.15	-8.36	-	-	0.17	0.17	0.34	-4.74	-1.00	3.74

			ANT0						ANT1					
Tested Frequency	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]
6535	37	0.07	-24.07	3.43	9.99	3.62	-10.58	-6.96	-23.73	3.45	10.11	3.62	-10.10	-6.48
	38	0.07	-23.79	3.43	9.99	3.62	-10.31	-6.69	-23.55	3.45	10.11	3.62	-9.92	-6.30
	40	0.07	-23.95	3.43	9.99	3.62	-10.47	-6.85	-23.15	3.45	10.11	3.62	-9.52	-5.90
6695	37	0.07	-24.81	3.47	9.99	3.62	-11.28	-7.66	-24.01	3.49	10.12	3.62	-10.33	-6.71
	38	0.07	-24.43	3.47	9.99	3.62	-10.90	-7.28	-23.50	3.49	10.12	3.62	-9.82	-6.20
	40	0.07	-24.65	3.47	9.99	3.62	-11.12	-7.50	-23.53	3.49	10.12	3.62	-9.85	-6.23
6855	37	0.07	-25.61	3.52	9.99	3.62	-12.03	-8.41	-24.26	3.54	10.12	3.62	-10.53	-6.91
	38	0.07	-25.51	3.52	9.99	3.62	-11.93	-8.31	-24.21	3.54	10.12	3.62	-10.48	-6.86
	40	0.07	-25.75	3.52	9.99	3.62	-12.17	-8.55	-24.48	3.54	10.12	3.62	-10.75	-7.13
6875	37	0.07	-25.93	3.52	9.99	3.62	-12.34	-8.72	-24.42	3.54	10.12	3.62	-10.69	-7.07
	38	0.07	-25.85	3.52	9.99	3.62	-12.26	-8.64	-24.53	3.54	10.12	3.62	-10.80	-7.18
	40	0.07	-25.70	3.52	9.99	3.62	-12.12	-8.50	-24.52	3.54	10.12	3.62	-10.79	-7.17
6895	37	0.07	-23.69	3.53	9.99	3.62	-10.11	-6.49	-24.13	3.55	10.12	3.62	-10.39	-6.77
	38	0.07	-23.45	3.53	9.99	3.62	-9.86	-6.24	-23.83	3.55	10.12	3.62	-10.09	-6.47
	40	0.07	-23.85	3.53	9.99	3.62	-10.26	-6.64	-24.44	3.55	10.12	3.62	-10.71	-7.09
6995	37	0.07	-24.21	3.56	9.99	3.62	-10.59	-6.97	-24.68	3.58	10.12	3.62	-10.91	-7.29
	38	0.07	-24.09	3.56	9.99	3.62	-10.47	-6.85	-24.48	3.58	10.12	3.62	-10.71	-7.09
	40	0.07	-24.51	3.56	9.99	3.62	-10.89	-7.27	-24.65	3.58	10.12	3.62	-10.88	-7.26
7095	37	0.07	-24.91	3.58	9.99	3.62	-11.26	-7.64	-25.09	3.60	10.12	3.62	-11.30	-7.68
	38	0.07	-24.85	3.58	9.99	3.62	-11.20	-7.58	-24.86	3.60	10.12	3.62	-11.07	-7.45
	40	0.07	-24.97	3.58	9.99	3.62	-11.33	-7.71	-25.21	3.60	10.12	3.62	-11.41	-7.79

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

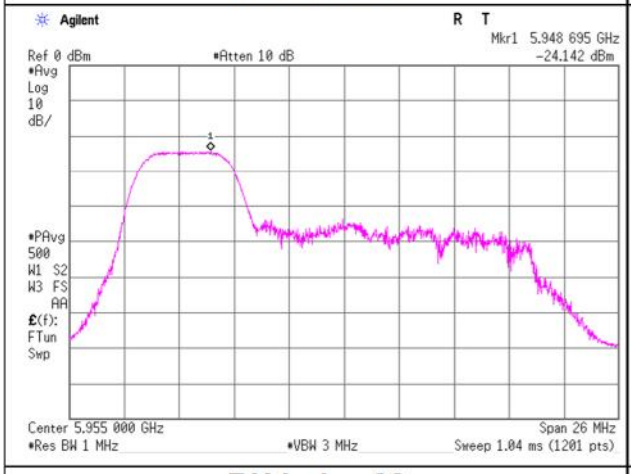
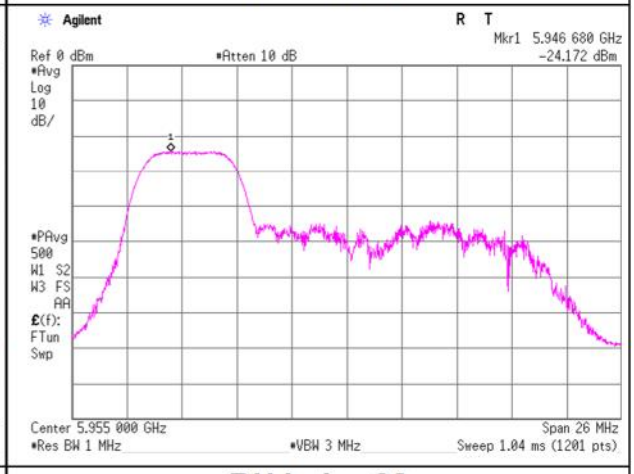
Directional Gain = Antenna Gain + Arry Gain, Arry Gain = 10log(Number of transmit antennas / Number of spatial streams)

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

Maximum Power Spectral Density

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

5955 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
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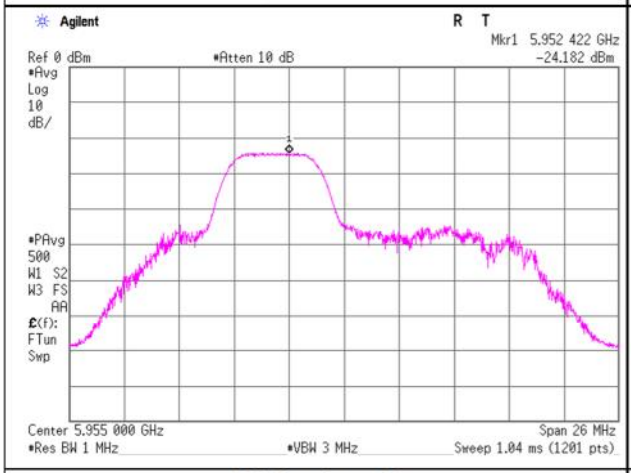	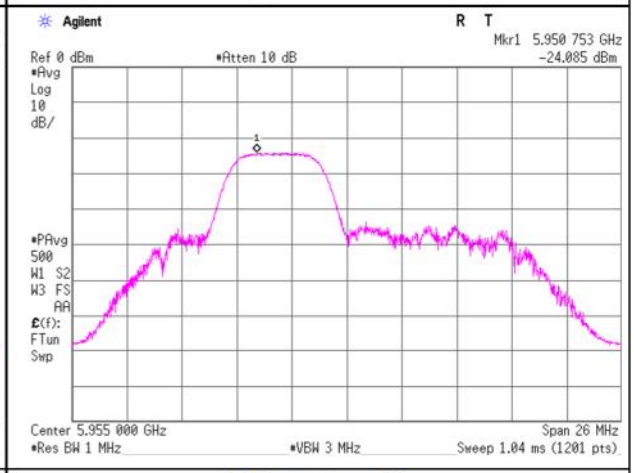
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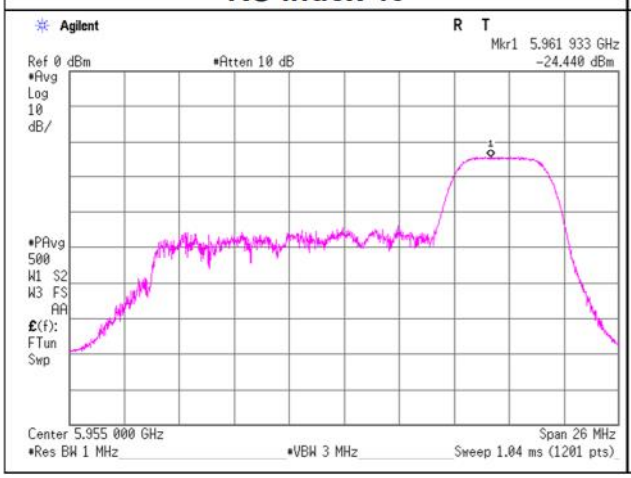
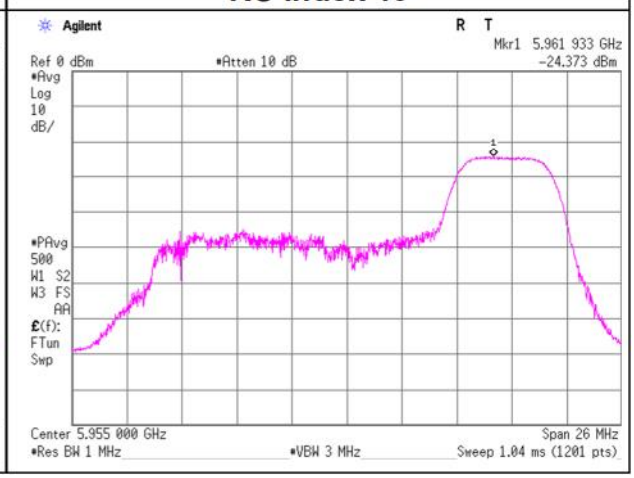
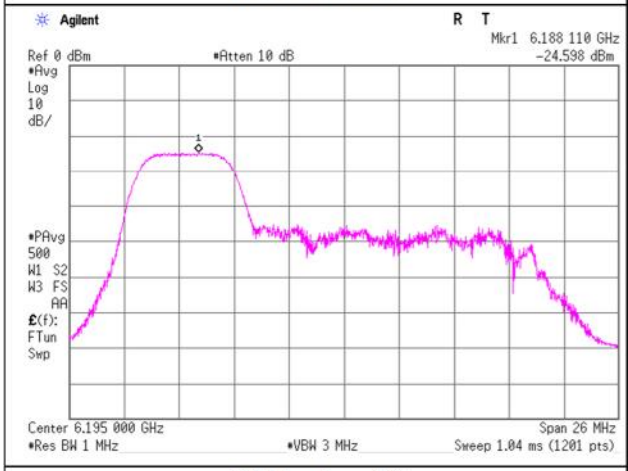
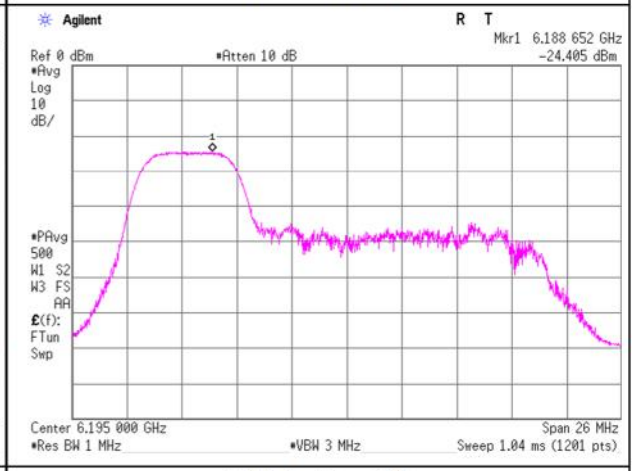
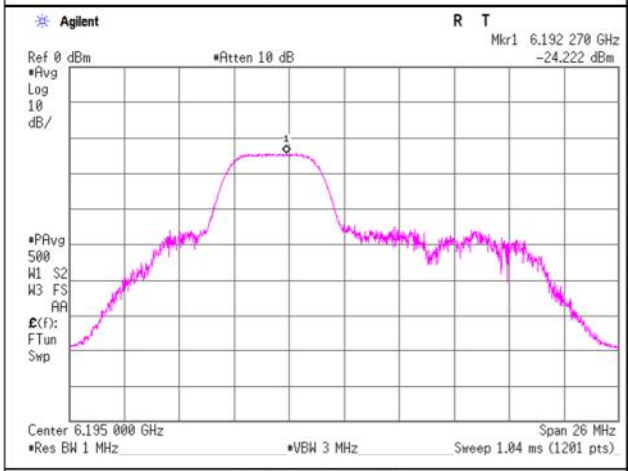
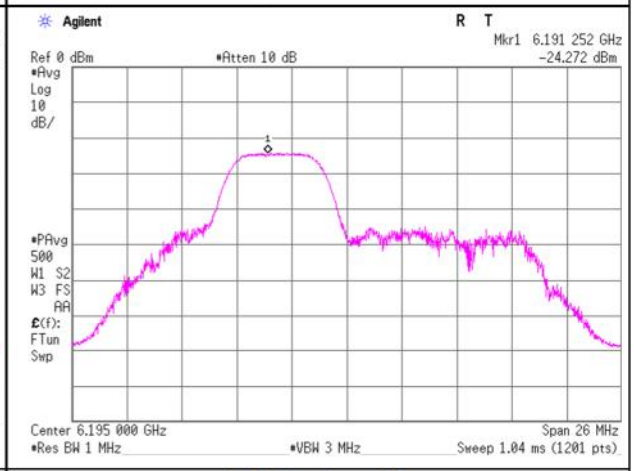
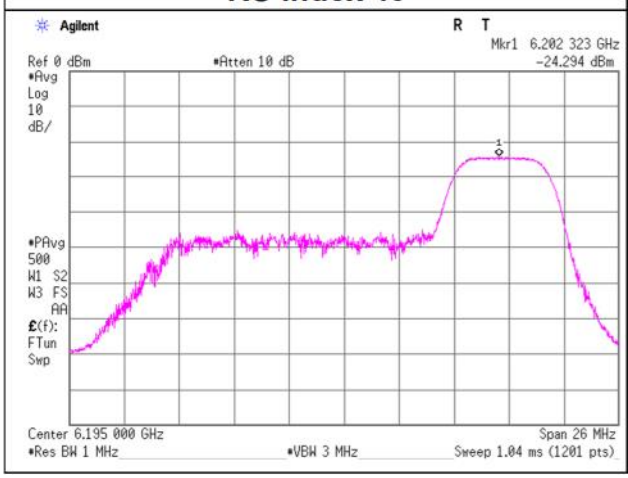
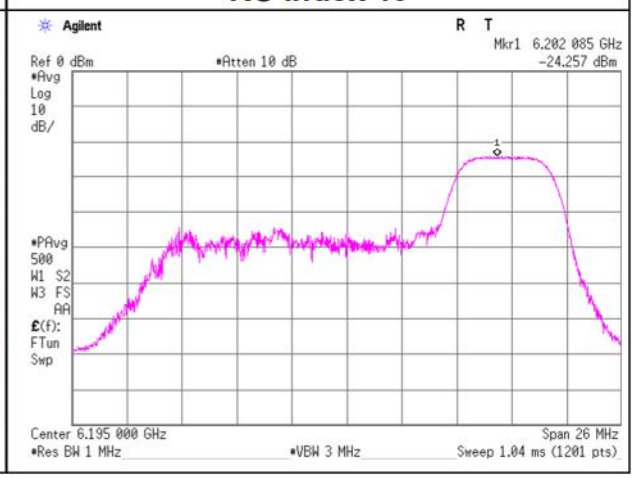
	

Maximum Power Spectral Density

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

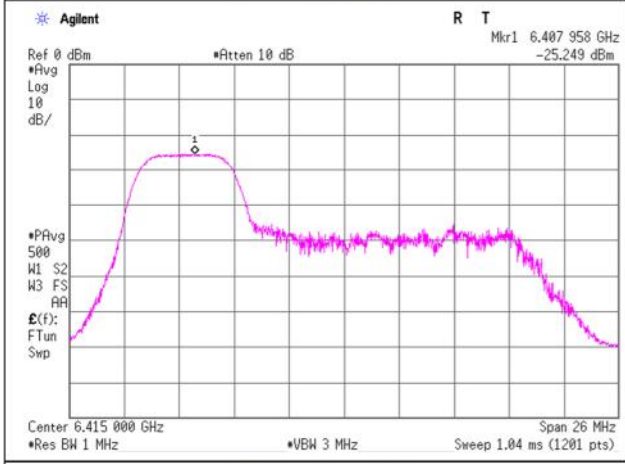
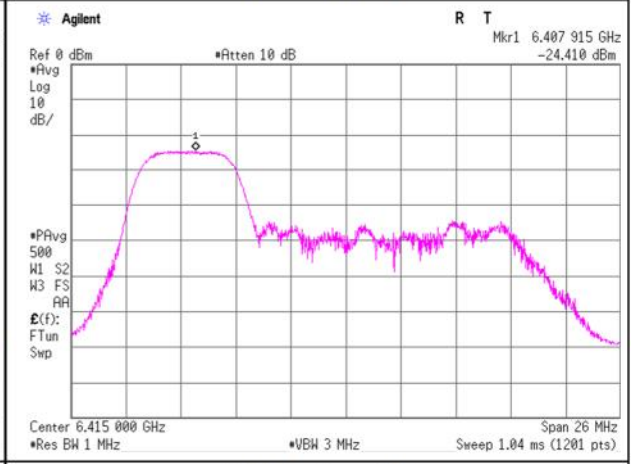
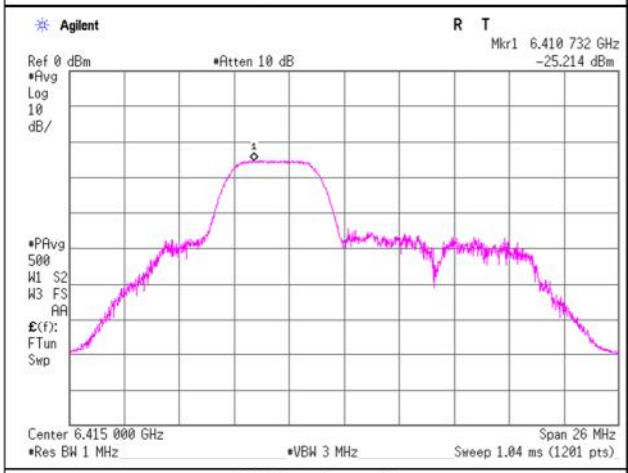
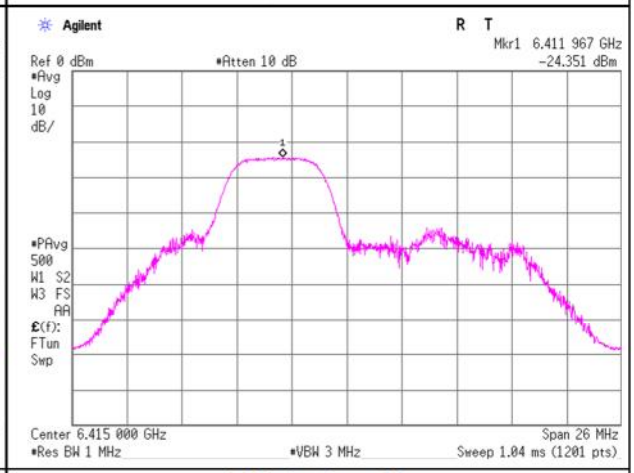
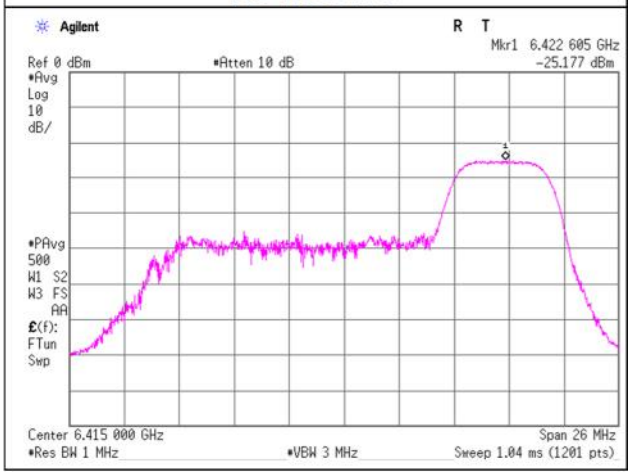
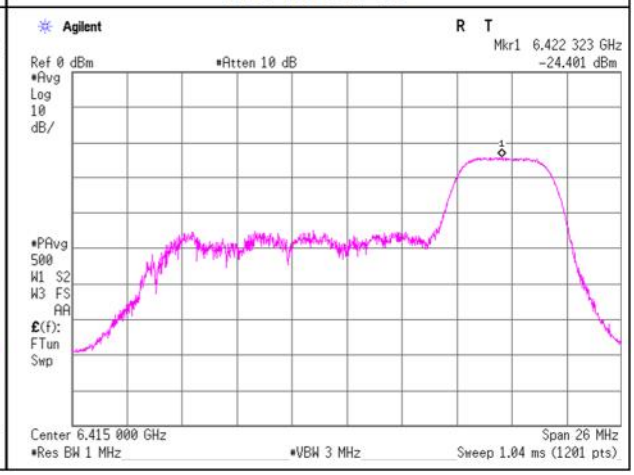
6195 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
RU Index 38	RU Index 38
	
RU Index 40	RU Index 40
	

Maximum Power Spectral Density

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

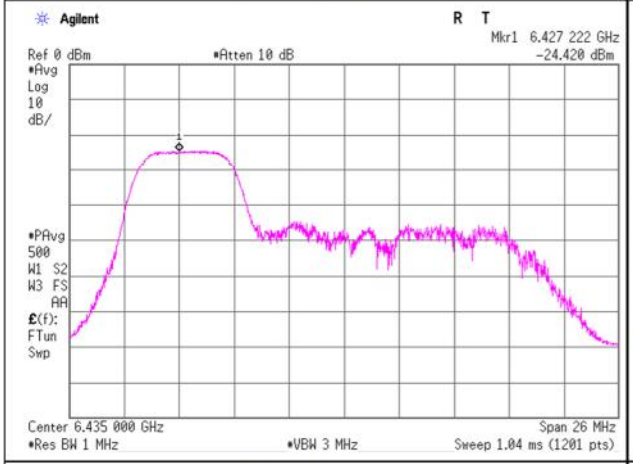
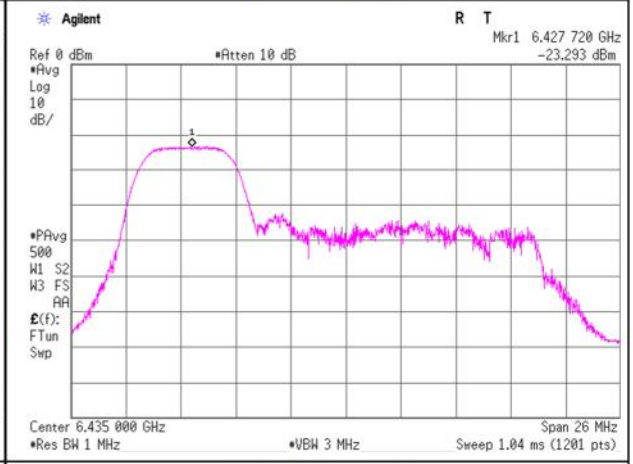
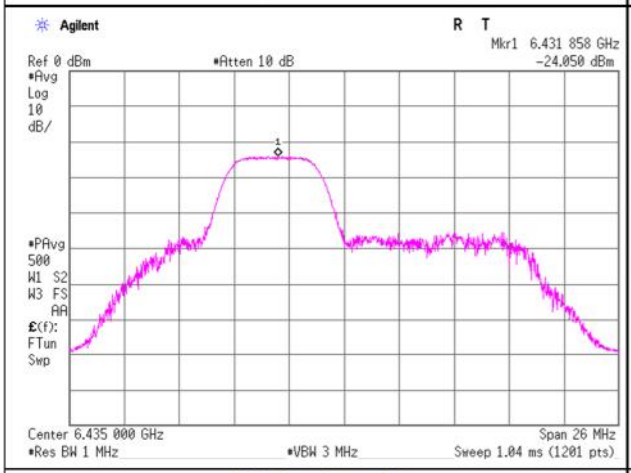
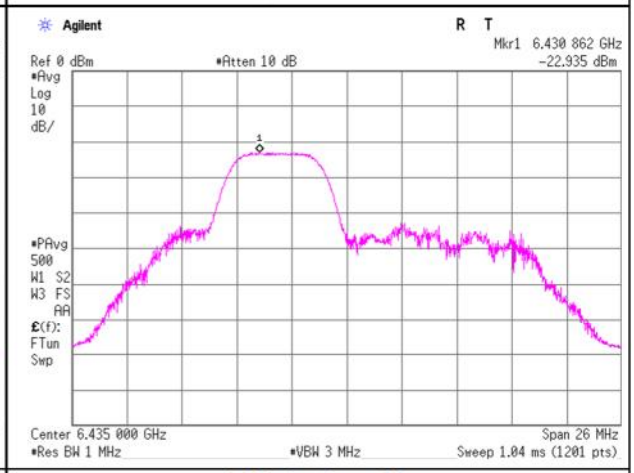
6415 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
RU Index 38	RU Index 38
	
RU Index 40	RU Index 40
	

Maximum Power Spectral Density

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

6435 MHz

ANT0	ANT1
RU Index 37	RU Index 37
	
RU Index 38	RU Index 38
	
RU Index 40	RU Index 40