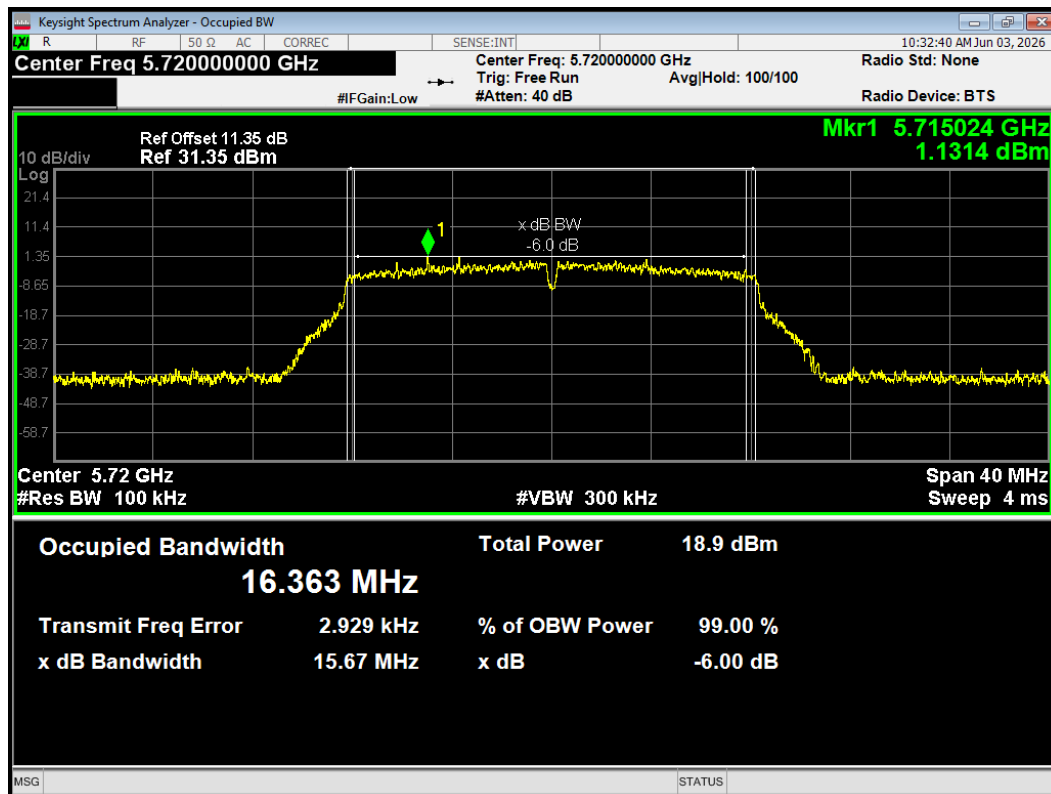


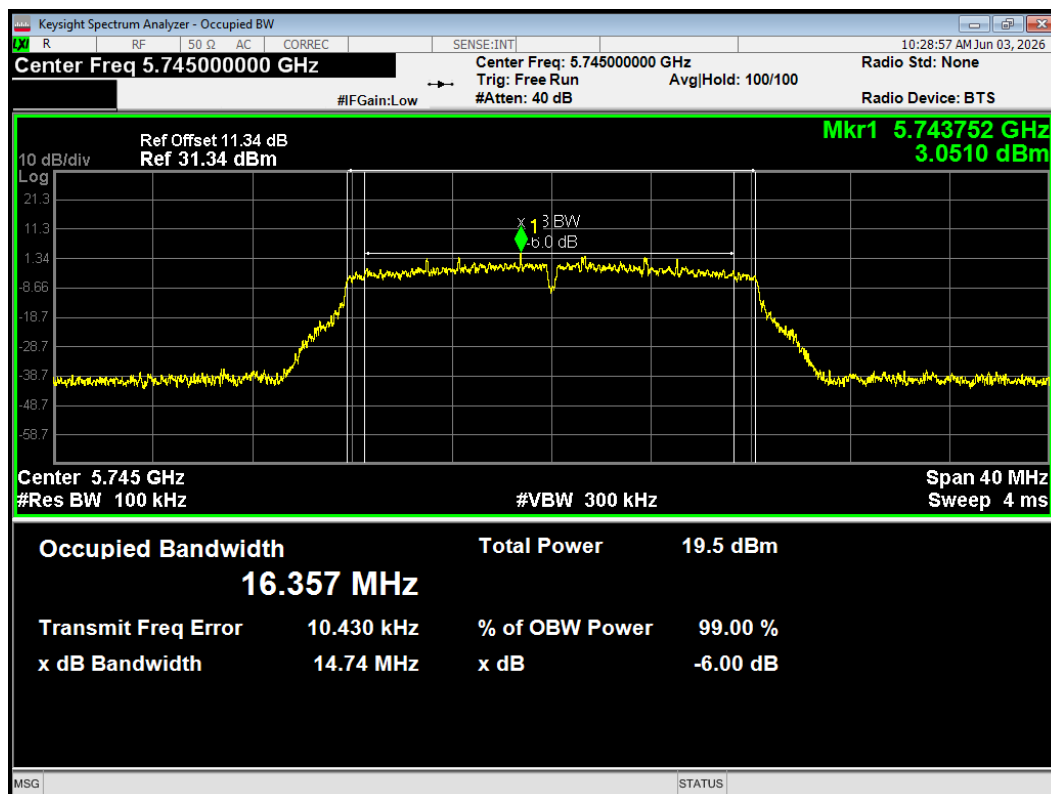
Minimum 6 dB bandwidth

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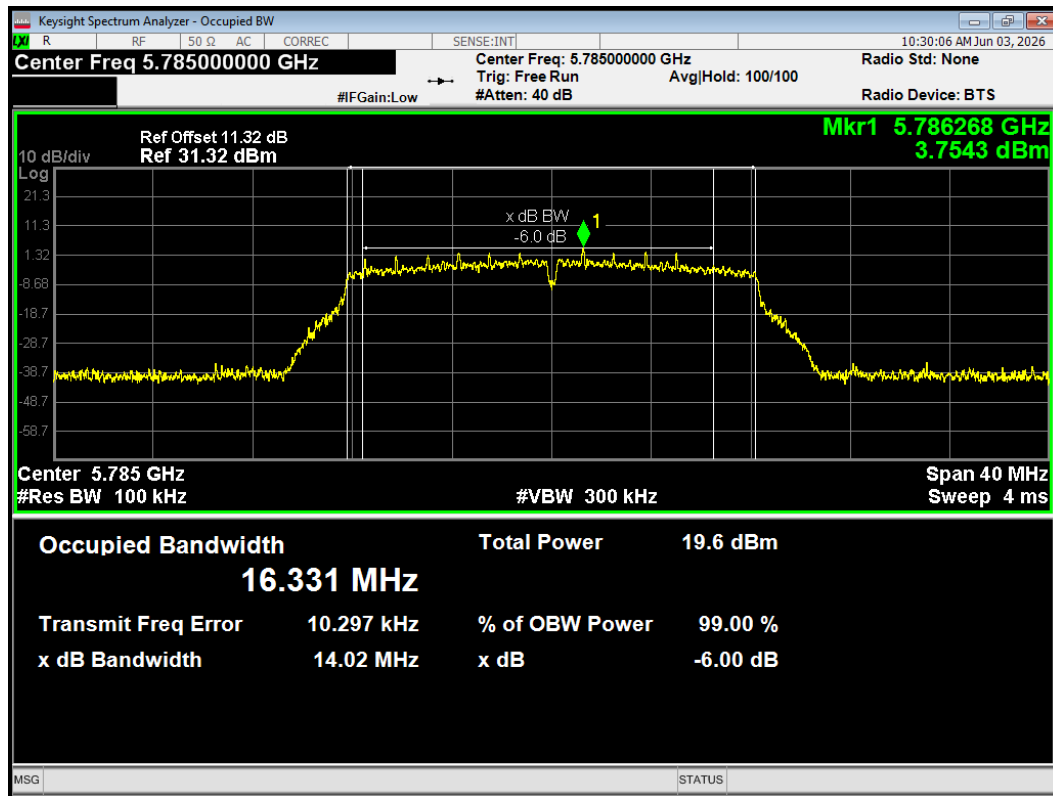
-6dB Bandwidth 802.11a 5720MHz



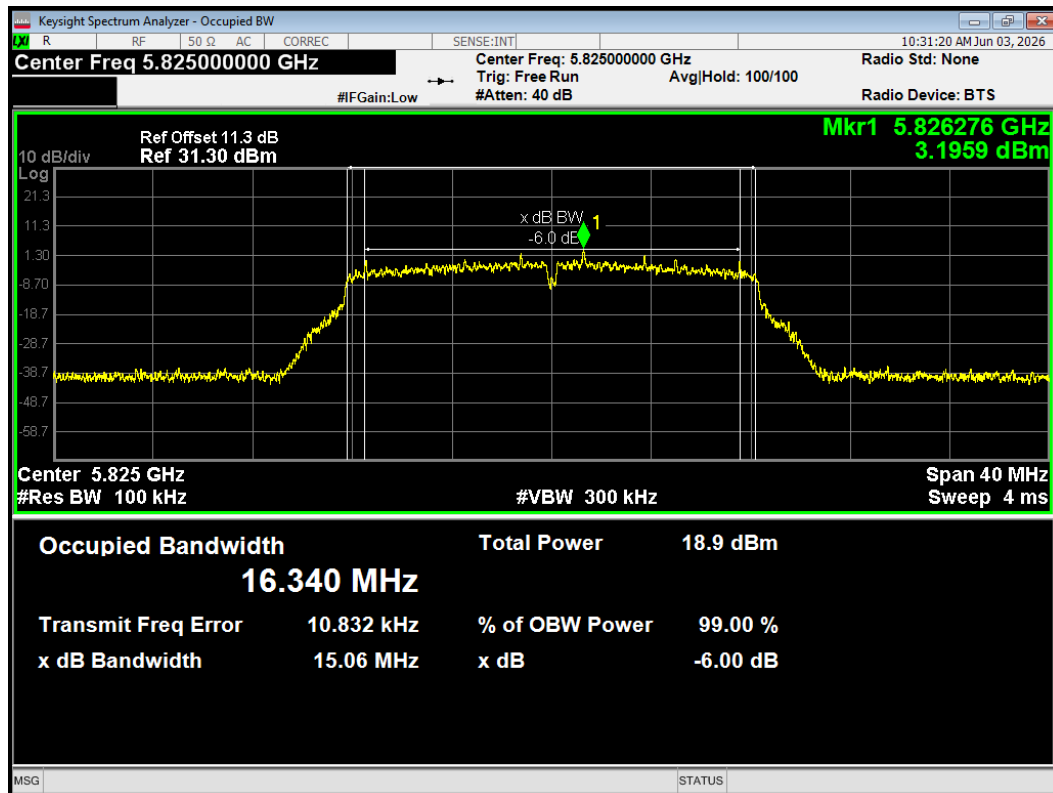
-6dB Bandwidth 802.11a 5745MHz



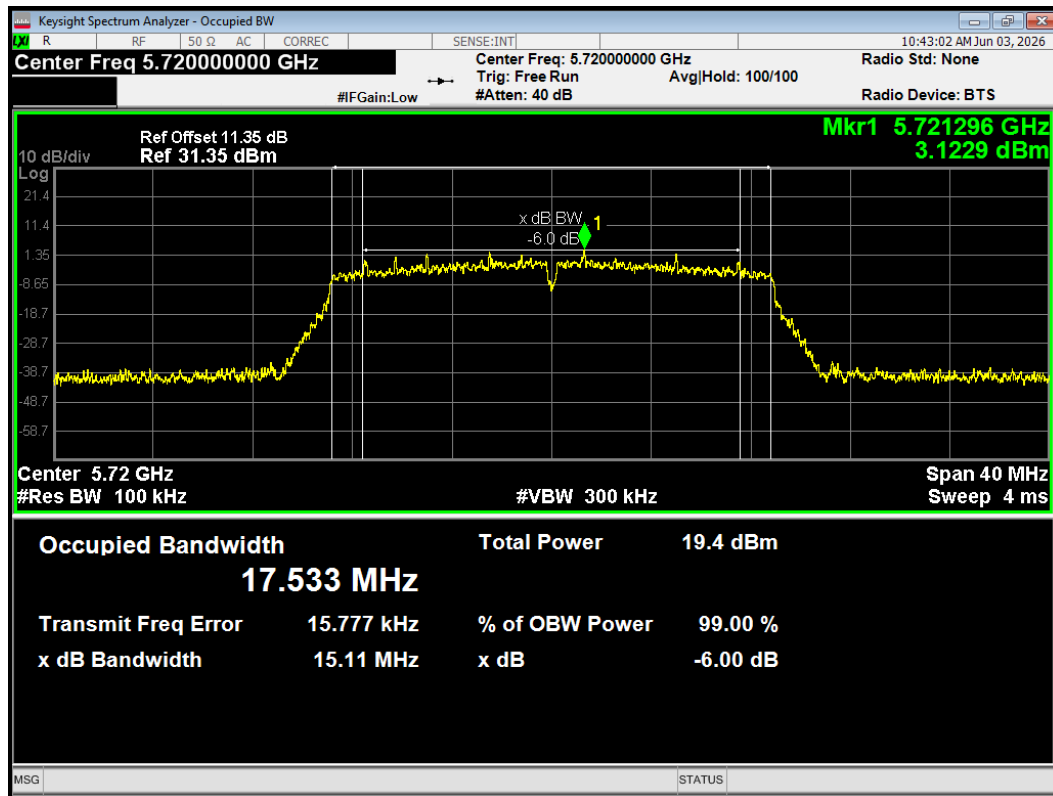
-6dB Bandwidth 802.11a 5785MHz



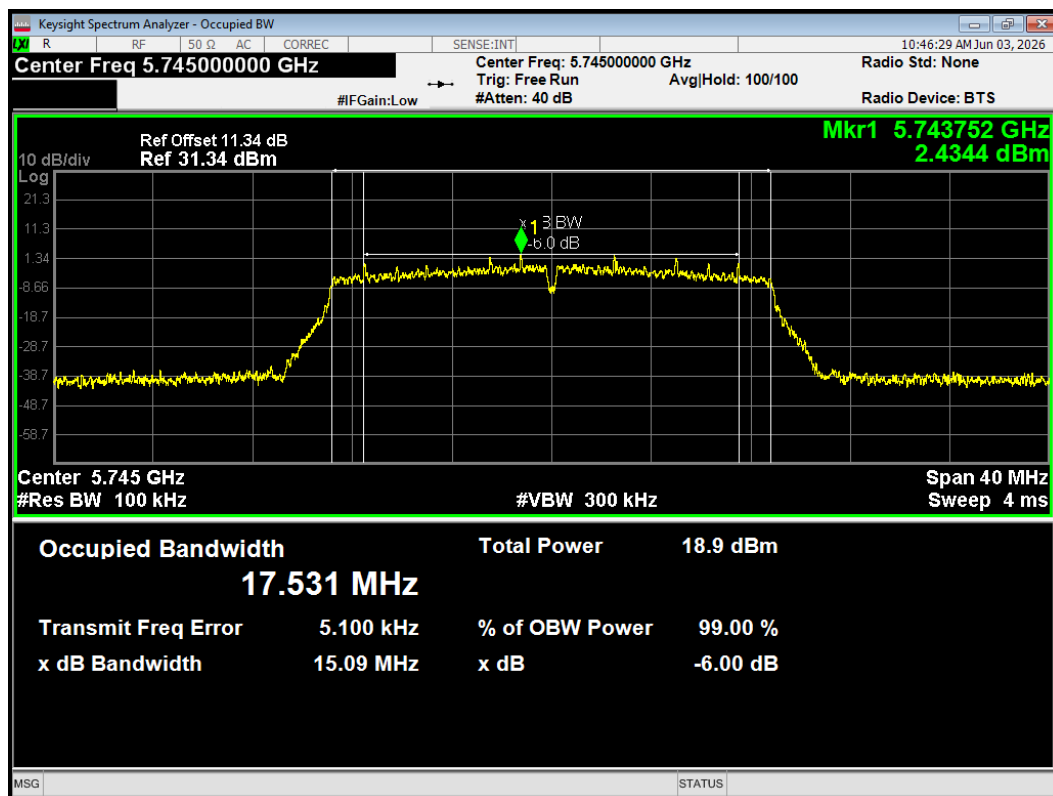
-6dB Bandwidth 802.11a 5825MHz



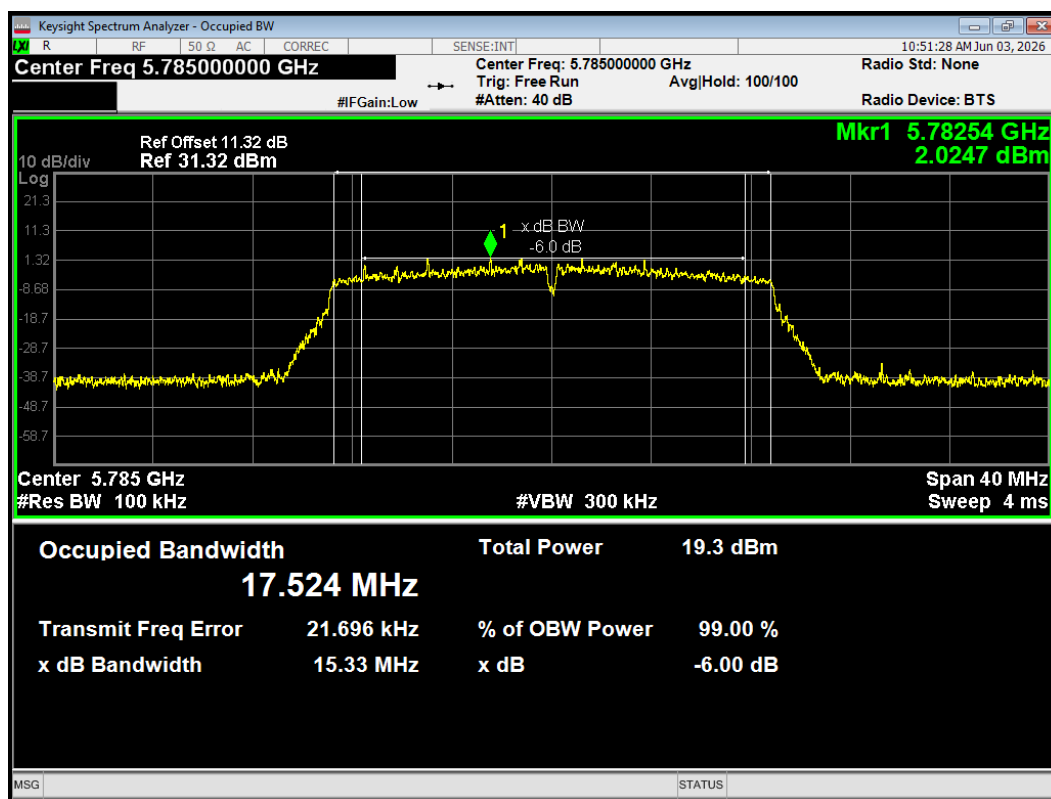
-6dB Bandwidth 802.11ac(VHT20) 5720MHz



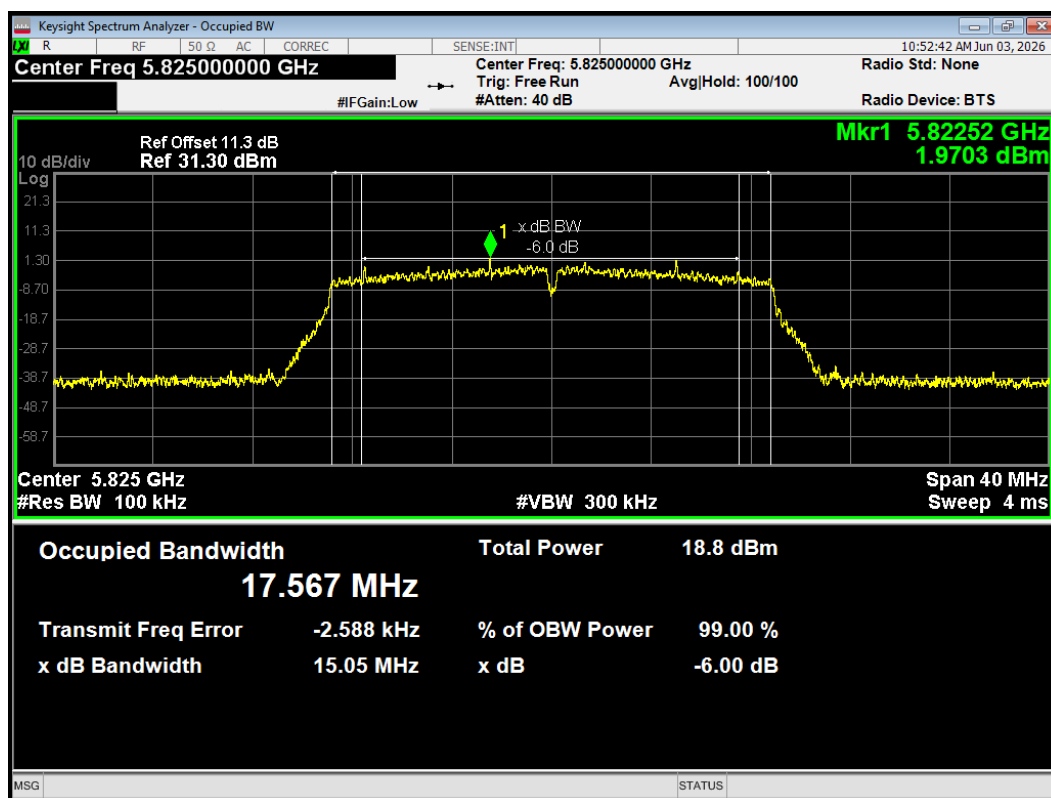
-6dB Bandwidth 802.11ac(VHT20) 5745MHz



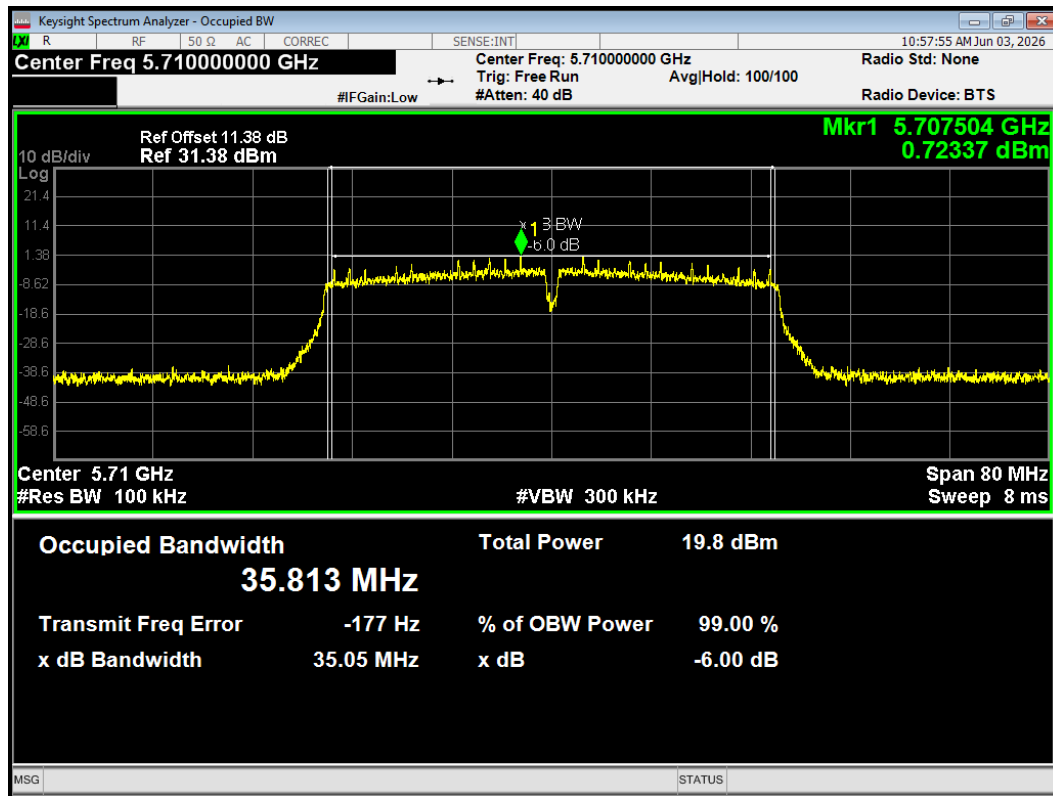
-6dB Bandwidth 802.11ac(VHT20) 5785MHz



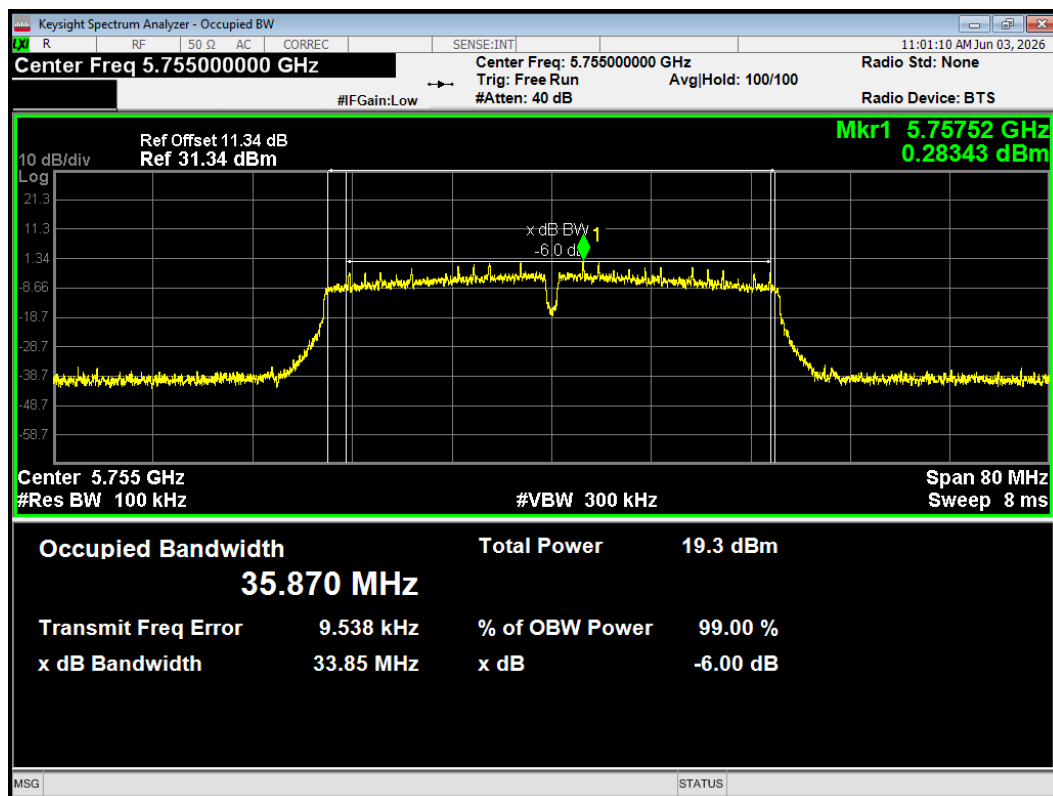
-6dB Bandwidth 802.11ac(VHT20) 5825MHz



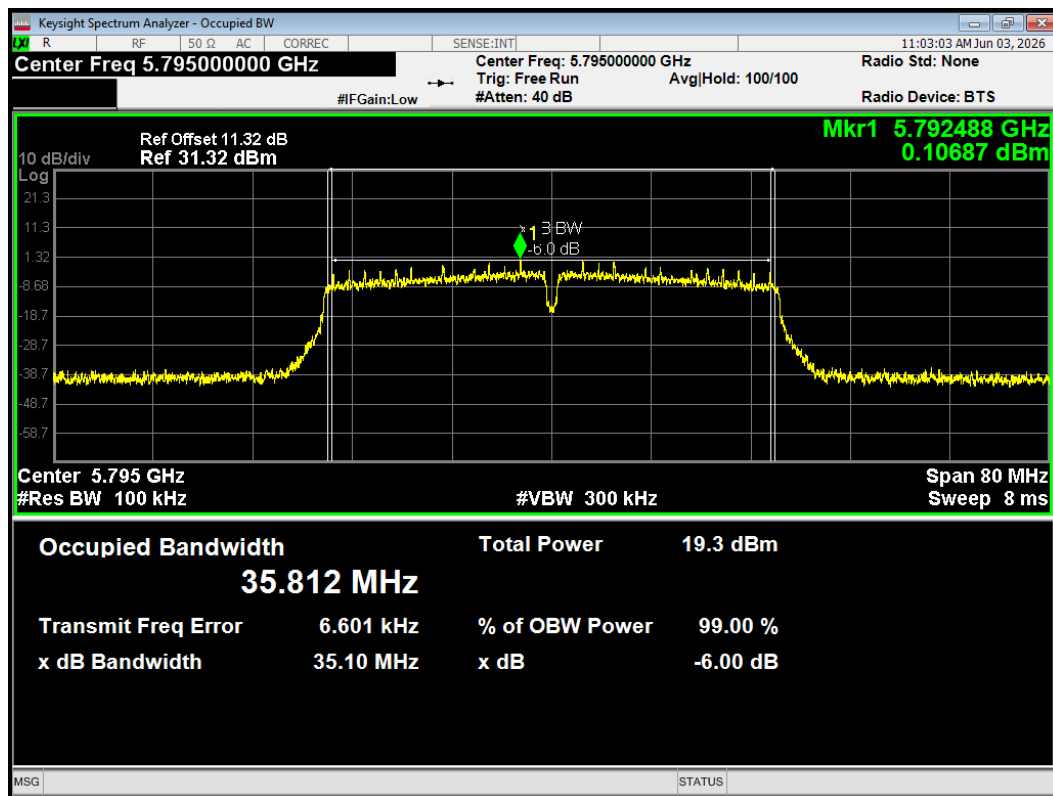
-6dB Bandwidth 802.11ac(VHT40) 5710MHz



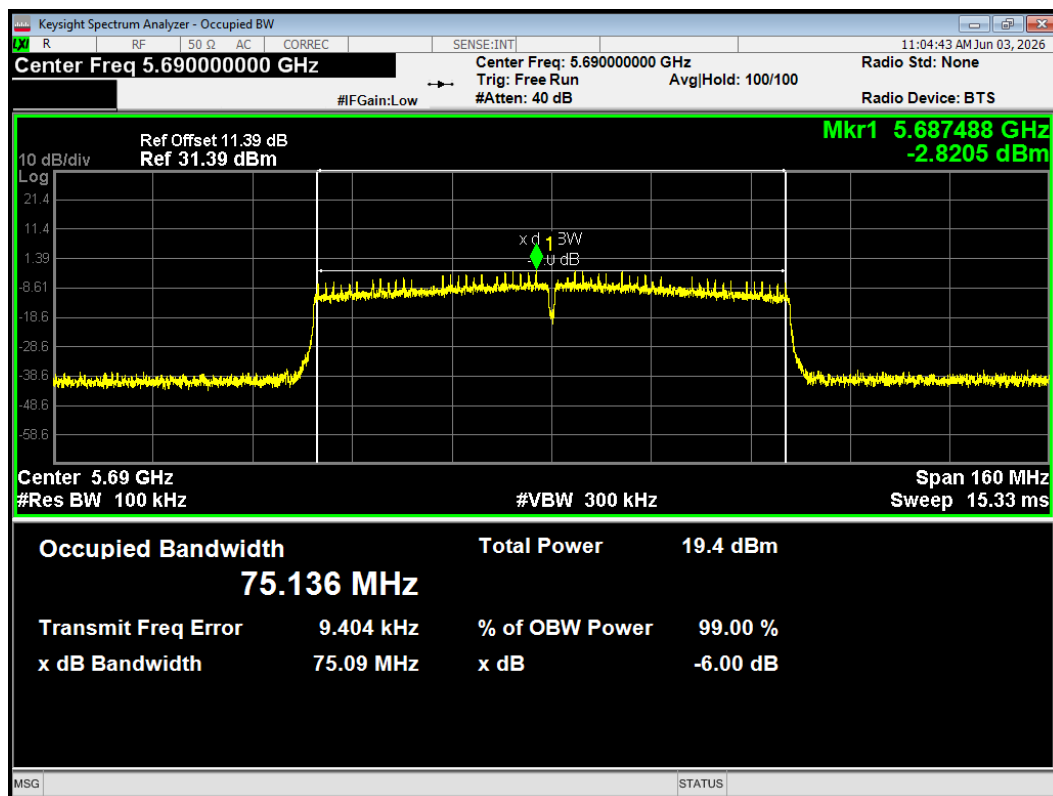
-6dB Bandwidth 802.11ac(VHT40) 5755MHz



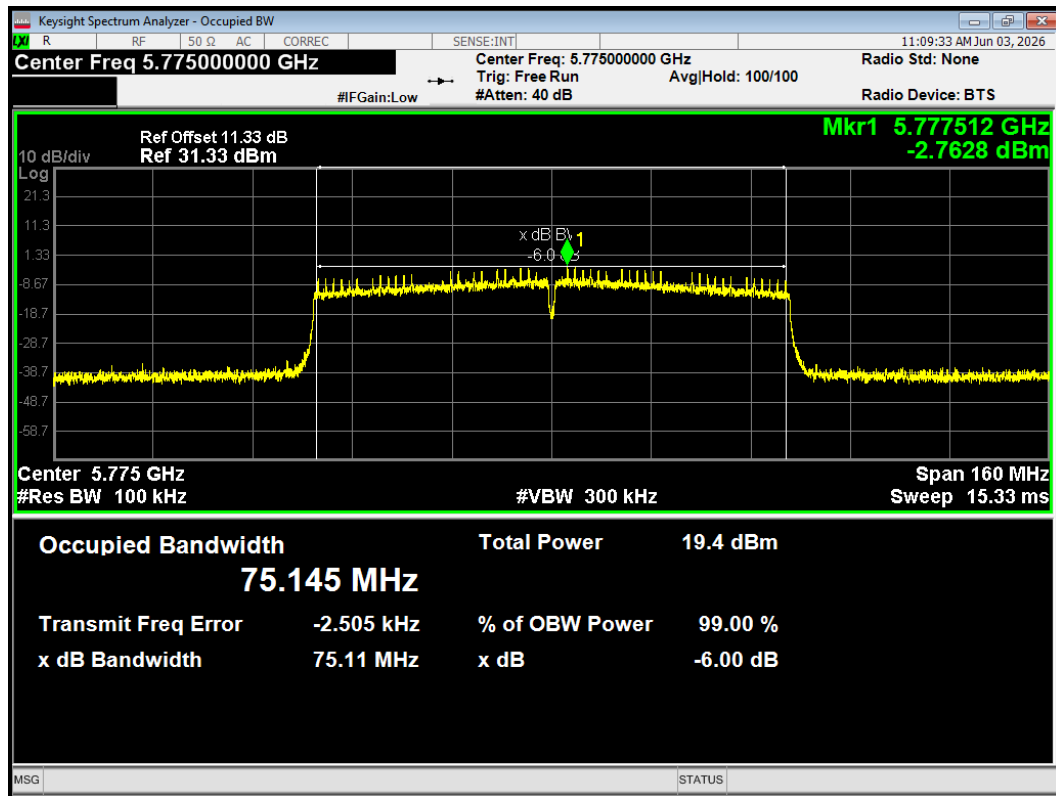
-6dB Bandwidth 802.11ac(VHT40) 5795MHz



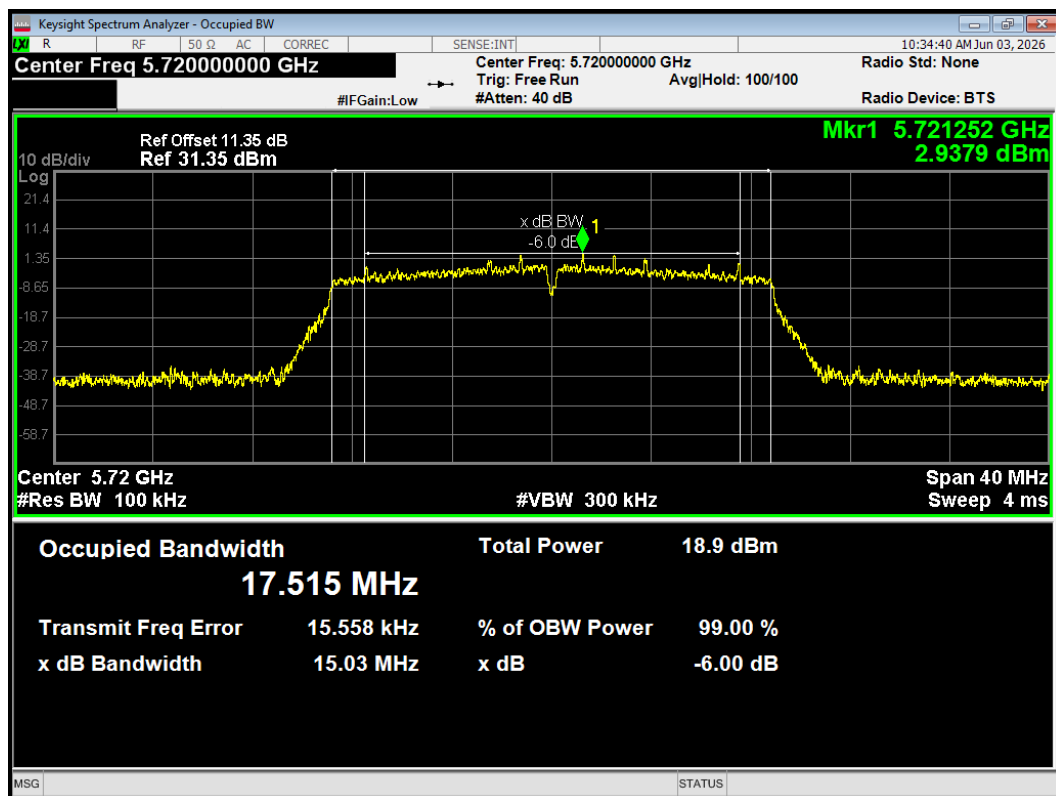
-6dB Bandwidth 802.11ac(VHT80) 5690MHz



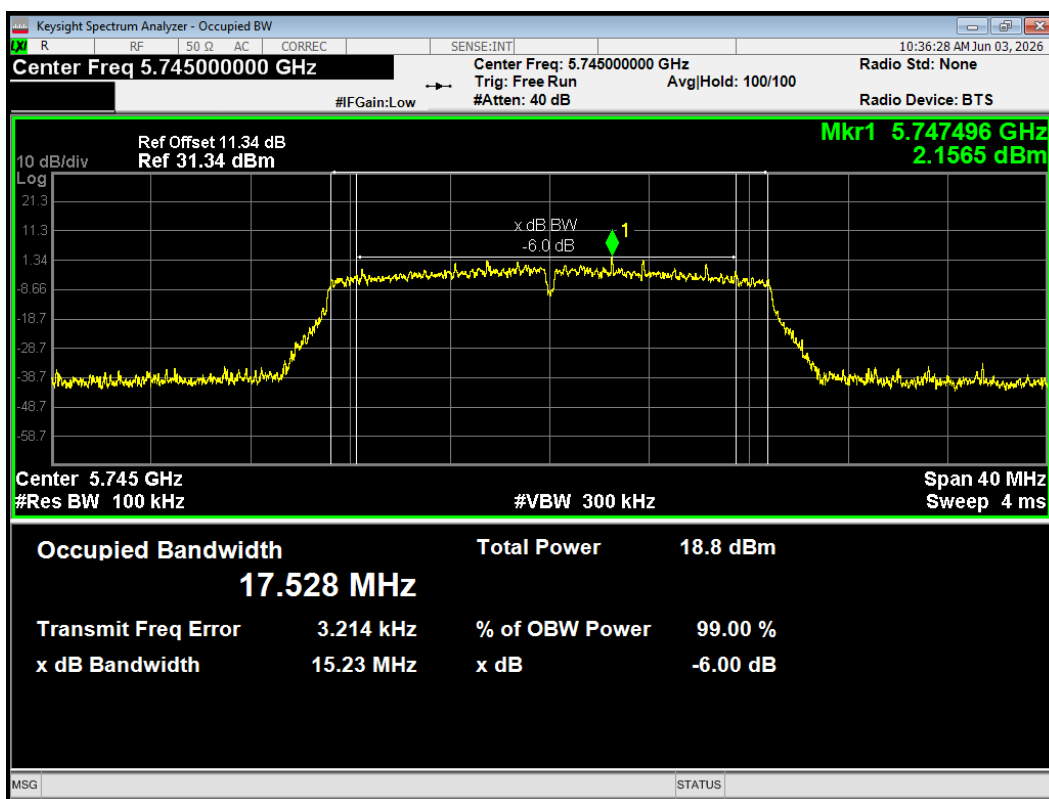
-6dB Bandwidth 802.11ac(VHT80) 5775MHz



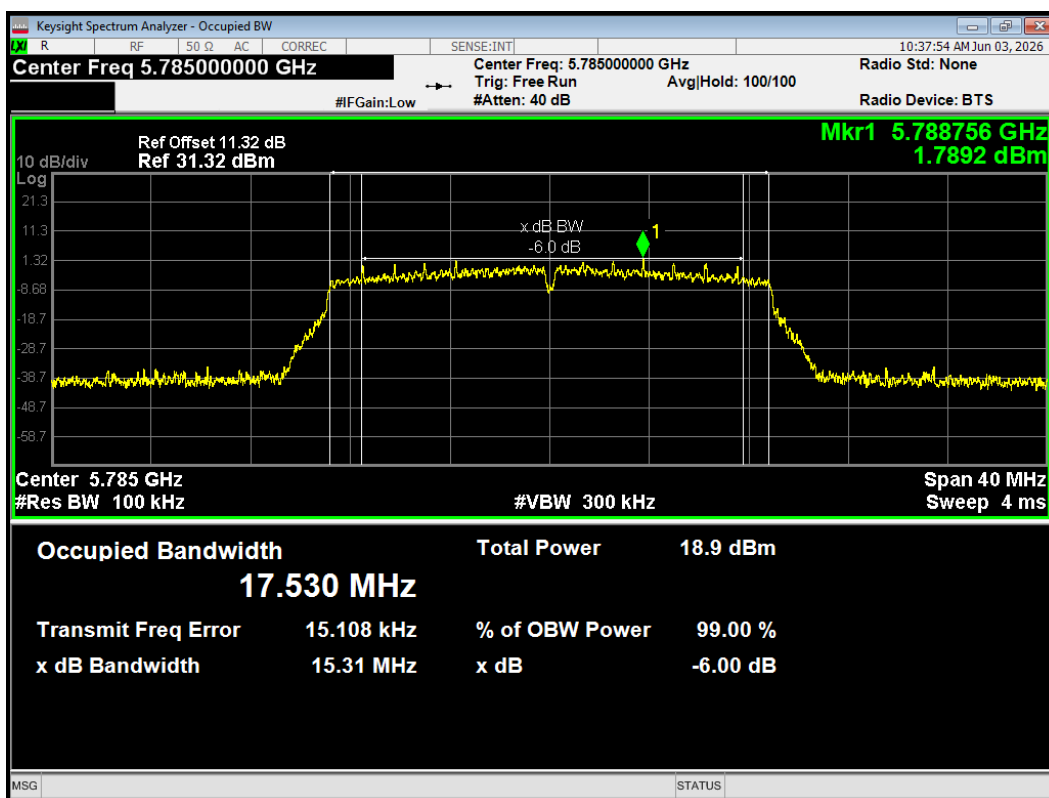
-6dB Bandwidth 802.11n(HT20) 5720MHz



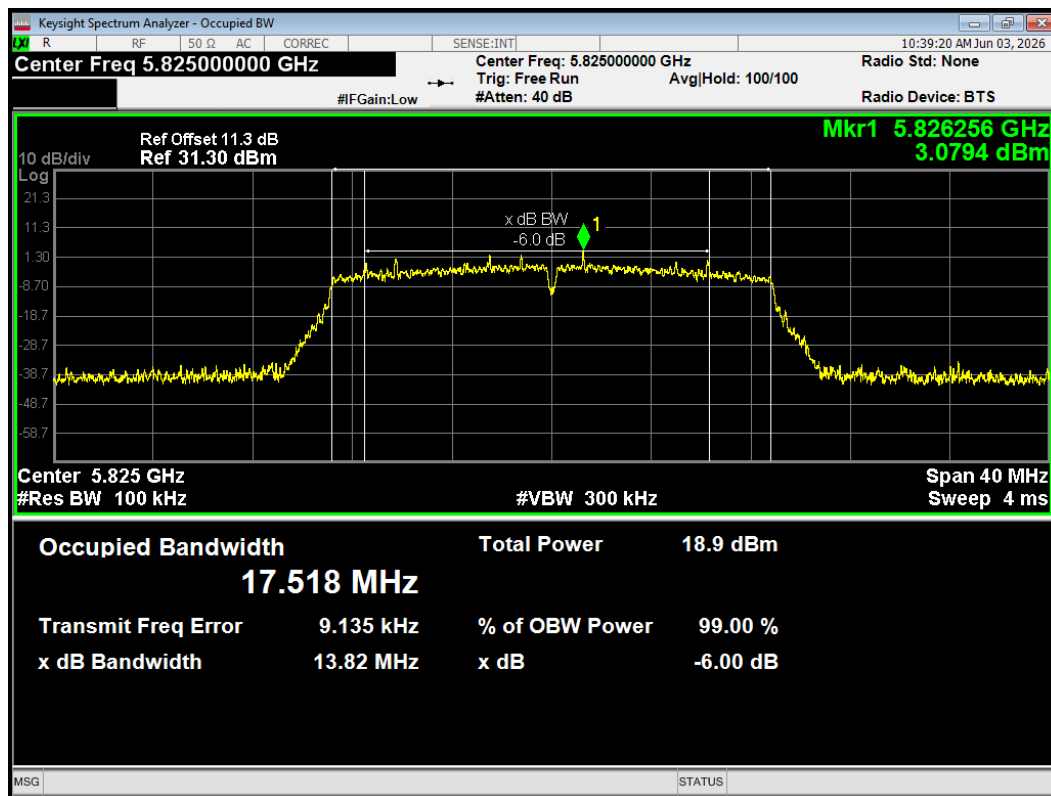
-6dB Bandwidth 802.11n(HT20) 5745MHz



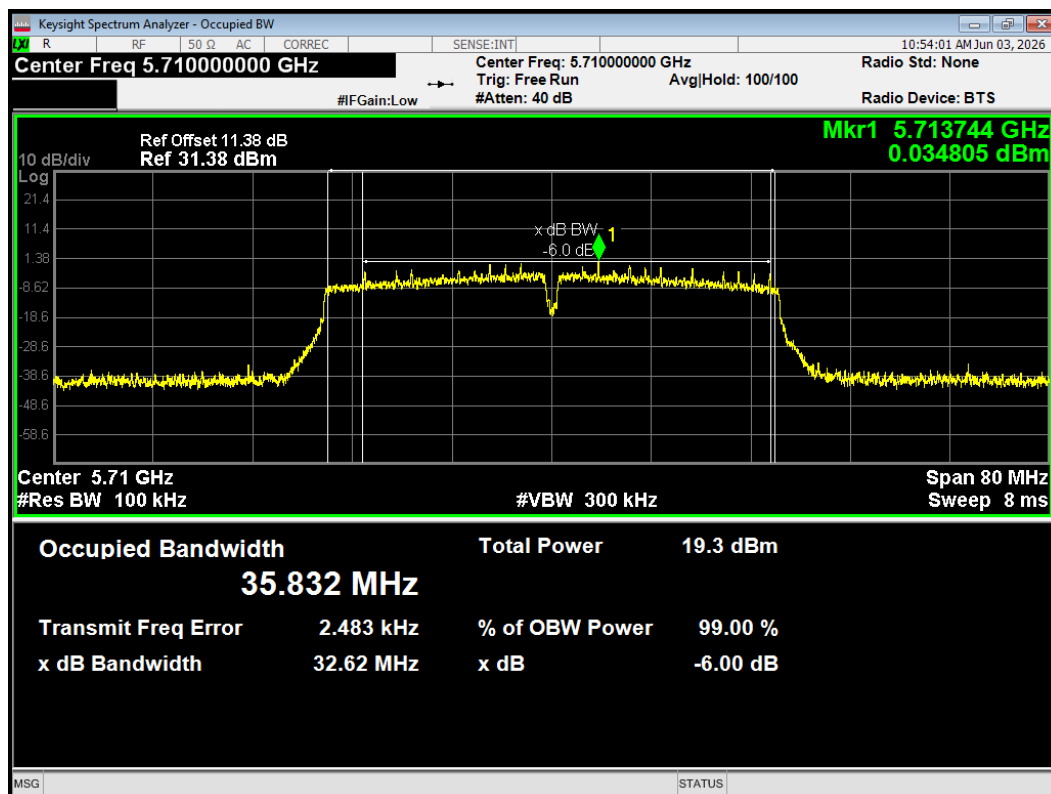
-6dB Bandwidth 802.11n(HT20) 5785MHz



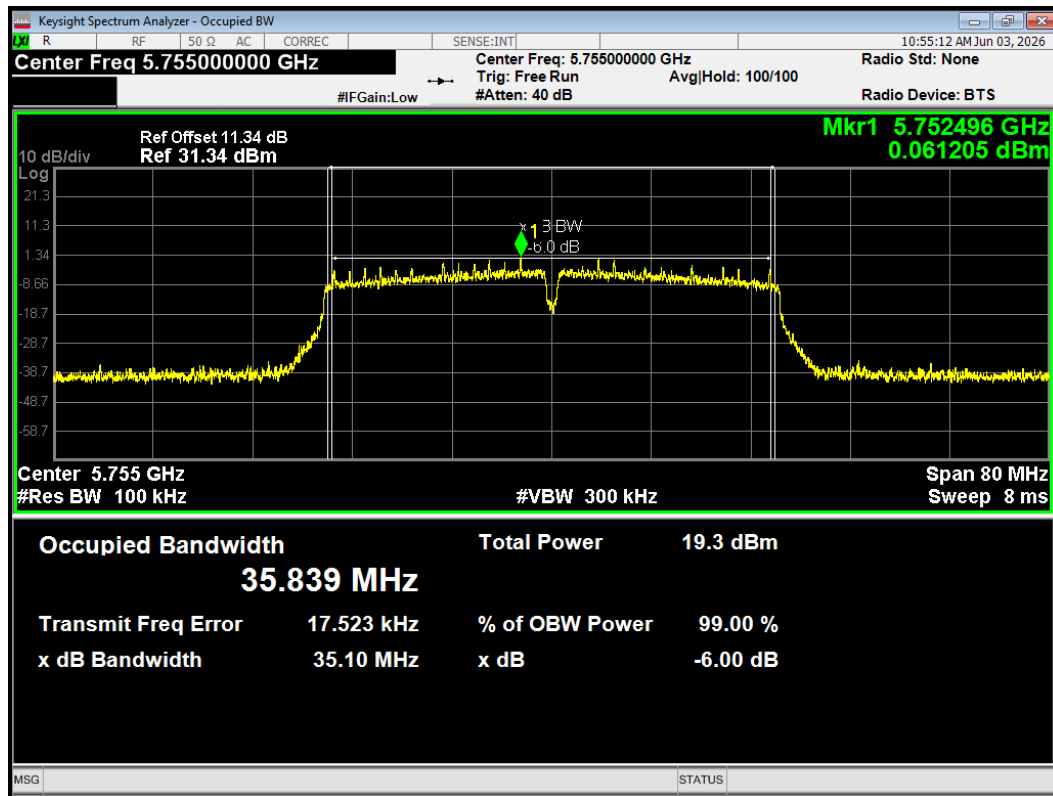
-6dB Bandwidth 802.11n(HT20) 5825MHz



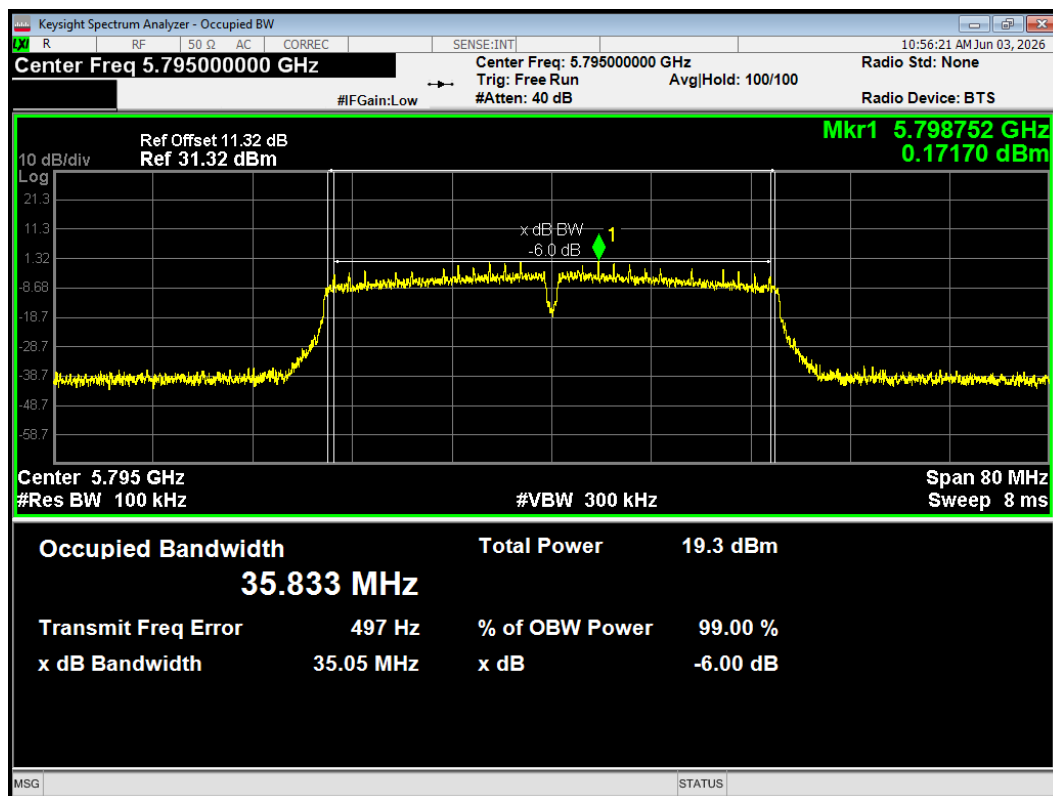
-6dB Bandwidth 802.11n(HT40) 5710MHz



-6dB Bandwidth 802.11n(HT40) 5755MHz



-6dB Bandwidth 802.11n(HT40) 5795MHz



6.2. Average Power Output

Mode	Data Rate	Duty cycle	Duty cycle correction Factor (dB)
802.11a	6M	0.976	0.11
	9M	0.964	0.16
	12M	0.953	0.21
	18M	0.930	0.31
	24M	0.913	0.40
	36M	0.879	0.56
	48M	0.847	0.72
	54M	0.835	0.78
802.11n HT20	mcs0	0.974	0.12
	mcs1	0.950	0.22
	mcs2	0.929	0.32
	mcs3	0.907	0.42
	mcs4	0.878	0.56
	mcs5	0.846	0.73
	mcs6	0.833	0.79
	mcs7	0.825	0.84
802.11n HT40	mcs0	0.949	0.23
	mcs1	0.908	0.42
	mcs2	0.873	0.59
	mcs3	0.846	0.73
	mcs4	0.800	0.97
	mcs5	0.768	1.15
	mcs6	0.761	1.19
	mcs7	0.748	1.26
802.11ac VHT20	mcs0	0.974	0.11
	mcs1	0.951	0.22
	mcs2	0.930	0.32
	mcs3	0.912	0.40
	mcs4	0.875	0.58
	mcs5	0.852	0.70
	mcs6	0.840	0.76
	mcs7	0.828	0.82
	mcs8	0.804	0.95
802.11ac VHT40	mcs0	0.949	0.23
	mcs1	0.909	0.42
	mcs2	0.875	0.58
	mcs3	0.849	0.71
	mcs4	0.805	0.94
	mcs5	0.781	1.08
	mcs6	0.755	1.22

	mcs7	0.748	1.26
	mcs8	0.724	1.40
	mcs9	0.715	1.45
802.11ac VHT80	mcs0	0.905	0.43
	mcs1	0.845	0.73
	mcs2	0.800	0.97
	mcs3	0.762	1.18
	mcs4	0.715	1.45
	mcs5	0.633	1.98
	mcs6	0.626	2.03
	mcs7	0.626	2.03
	mcs8	0.556	2.55
	mcs9	0.556	2.55
Note: when Duty cycle>0.98, Duty cycle correction Factor not required.			

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Power Index			
Test Mode	Channel/Frequency (MHz)	Data Rate	TP Set
802.11a	36/5180	6M	13
		9M	13
		12M	13
		18M	13
		24M	13
		36M	13
		48M	13
		54M	13
	40/5200	6M	13
	48/5240	6M	13
802.11n HT20	36/5180	MCS0	13
		MCS1	13
		MCS2	13
		MCS3	13
		MCS4	13
		MCS5	13
		MCS6	13
		MCS7	13
	40/5200	MCS0	13
	48/5240	MCS0	13
802.11n HT40	38/5190	MCS0	13
		MCS1	13
		MCS2	13
		MCS3	13
		MCS4	13
		MCS5	13
		MCS6	13
		MCS7	13
	46/5230	MCS0	13
802.11ac VHT20	36/5180	MCS0	11.5
		MCS1	11.5
		MCS2	11.5
		MCS3	11.5
		MCS4	11.5
		MCS5	11.5
		MCS6	11.5

		MCS7	11.5
		MCS8	11.5
	40/5200	MCS0	11.5
	48/5240	MCS0	11.5
802.11ac VHT40	38/5190	MCS0	12.5
		MCS1	12.5
		MCS2	12.5
		MCS3	12.5
		MCS4	12.5
		MCS5	12.5
		MCS6	12.5
		MCS7	12.5
		MCS8	12.5
		MCS9	12.5
	46/5230	MCS0	12.5
802.11ac VHT80	42/5210	MCS0	11.5
		MCS1	11.5
		MCS2	11.5
		MCS3	11.5
		MCS4	11.5
		MCS5	11.5
		MCS6	11.5
		MCS7	11.5
		MCS8	11.5
		MCS9	11.5

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Power Index			
Test Mode	Channel/ Frequency (MHz)	Data Rate	TP Set
802.11a	52/5260	6M	13
	60/5300	6M	13
	64/5320	6M	13
802.11n HT20	52/5260	mcs0	13
	60/5300	mcs0	13
	64/5320	mcs0	13
802.11n HT40	54/5270	mcs0	13
		mcs1	13
		mcs2	13
		mcs3	13
		mcs4	13
		mcs5	13
		mcs6	13
		mcs7	13
	62/5310	mcs0	13
802.11ac VHT20	52/5260	mcs0	11.5
	60/5300	mcs0	11.5
	64/5320	mcs0	11.5
802.11ac VHT40	54/5270	mcs0	12.5
		mcs1	12.5
		mcs2	12.5
		mcs3	12.5
		mcs4	12.5
		mcs5	12.5
		mcs6	12.5
		mcs7	12.5
		mcs8	12.5
		mcs9	12.5
	62/5310	mcs0	12.5
802.11ac VHT80	58/5290	mcs0	11.5

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Power Index			
Test Mode	Channel/ Frequency (MHz)	Data Rate	TP Set
802.11a	100/5500	6M	12
	120/5600	6M	12
	140/5700	6M	12
	144/5720	6M	12
802.11n HT20	100/5500	mcs0	13
	120/5600	mcs0	13
	140/5700	mcs0	13
	144/5720	mcs0	13
802.11n HT40	102/5510	mcs0	13
	118/5590	mcs0	13
	134/5670	mcs0	13
	142/5710	mcs0	13
802.11ac VHT20	100/5500	mcs0	13.5
	120/5600	mcs0	13.5
	140/5700	mcs0	13.5
	144/5720	mcs0	13.5
802.11ac VHT40	102/5510	mcs0	13.5
	118/5590	mcs0	13.5
	134/5670	mcs0	13.5
	142/5710	mcs0	13.5
802.11ac VHT80	122/5610	mcs0	12
		mcs1	12
		mcs2	12
		mcs3	12
		mcs4	12
		mcs5	12
		mcs6	12
		mcs7	12
		mcs8	12
		mcs9	12
	138/5690	mcs0	12

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Power Index			
Test Mode	Channel/ Frequency (MHz)	Data Rate	TP Set
802.11a	144/5720	6M	12
	149/5745	6M	13.5
		9M	13.5
		12M	13.5
		18M	13.5
		24M	13.5
		36M	13.5
		48M	13.5
		54M	13.5
	157/5785	6M	13.5
	165/5825	6M	13.5
802.11n HT20	144/5720	mcs0	13
	149/5745	mcs0	13.5
		mcs1	13.5
		mcs2	13.5
		mcs3	13.5
		mcs4	13.5
		mcs5	13.5
		mcs6	13.5
		mcs7	13.5
	157/5785	mcs0	13.5
802.11n HT40	165/5825	mcs0	13.5
	142/5710	mcs0	13
	151/5755	mcs0	13.5
		mcs1	13.5
		mcs2	13.5
		mcs3	13.5
		mcs4	13.5
		mcs5	13.5
		mcs6	13.5
		mcs7	13.5
	159/5795	mcs0	13.5
802.11ac VHT20	144/5720	mcs0	13.5
	149/5745	mcs0	13.5

		mcs1	13.5
		mcs2	13.5
		mcs3	13.5
		mcs4	13.5
		mcs5	13.5
		mcs6	13.5
		mcs7	13.5
		mcs8	13.5
	157/5785	mcs0	13.5
802.11ac VHT40	165/5825	mcs0	13.5
	142/5710	mcs0	13.5
	151/5755	mcs0	13.5
		mcs1	13.5
		mcs2	13.5
		mcs3	13.5
		mcs4	13.5
		mcs5	13.5
		mcs6	13.5
		mcs7	13.5
		mcs8	13.5
		mcs9	13.5
	159/5795	mcs0	13.5
802.11ac VHT80	138/5690	mcs0	12
	155/5775	mcs0	13.5
		mcs1	13.5
		mcs2	13.5
		mcs3	13.5
		mcs4	13.5
		mcs5	13.5
		mcs6	13.5
		mcs7	13.5
		mcs8	13.5
		mcs9	13.5

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit (dBm)
U-NII-2A	802.11a	52/5260	19.91	23.99	23.99
		60/5300	20.06	24.02	24.00
		64/5320	19.76	23.96	23.96
	802.11n HT20	52/5260	20.27	24.07	24.00
		60/5300	20.15	24.04	24.00
		64/5320	20.15	24.04	24.00
	802.11n HT40	54/5270	40.66	27.09	24.00
		62/5310	40.32	27.06	24.00
	802.11ac VHT20	52/5260	20.38	24.09	24.00
		60/5300	20.20	24.05	24.00
		64/5320	20.38	24.09	24.00
	802.11ac VHT40	54/5270	40.98	27.13	24.00
		62/5310	40.99	27.13	24.00
	802.11ac VHT80	58/5290	81.26	30.10	24.00
U-NII-2C	802.11a	100/5500	19.79	23.96	23.96
		120/5600	19.97	24.00	24.00
		140/5700	19.75	23.96	23.96
		144/5720	20.03	24.02	24.00
	802.11n HT20	100/5500	20.29	24.07	24.00
		120/5600	20.06	24.02	24.00
		140/5700	20.38	24.09	24.00
		144/5720	20.58	24.13	24.00
	802.11n HT40	102/5510	40.85	27.11	24.00
		118/5590	40.84	27.11	24.00
		134/5670	40.71	27.10	24.00
		142/5710	40.47	27.07	24.00
	802.11ac VHT20	100/5500	20.46	24.11	24.00
		120/5600	20.49	24.12	24.00
		140/5700	20.24	24.06	24.00
		144/5720	20.15	24.04	24.00
	802.11ac VHT40	102/5510	40.28	27.05	24.00
		118/5590	40.73	27.10	24.00
		134/5670	40.93	27.12	24.00
		142/5710	40.60	27.09	24.00
	802.11ac VHT80	106/5530	80.72	30.07	24.00
		122/5610	81.30	30.10	24.00
		138/5690	80.67	30.07	24.00

Note: 250mW=24dBm

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Test Mode	Channel/ Frequency (MHz)	Data Rate	Output Power (dBm)	Limit (dBm)	Conclusion
802.11a	36/5180	6M	12.85	24	PASS
		9M	12.91	24	PASS
		12M	13.03	24	PASS
		18M	12.97	24	PASS
		24M	12.99	24	PASS
		36M	13.25	24	PASS
		48M	12.71	24	PASS
		54M	12.72	24	PASS
	40/5200	6M	12.98	24	PASS
	48/5240	6M	13.04	24	PASS
802.11n HT20	36/5180	mcs0	12.81	24	PASS
		mcs1	13.14	24	PASS
		mcs2	12.66	24	PASS
		mcs3	12.65	24	PASS
		mcs4	13.73	24	PASS
		mcs5	12.69	24	PASS
		mcs6	12.66	24	PASS
		mcs7	12.67	24	PASS
	40/5200	mcs0	12.95	24	PASS
	48/5240	mcs0	12.90	24	PASS
802.11n HT40	38/5190	mcs0	13.01	24	PASS
		mcs1	12.84	24	PASS
		mcs2	12.82	24	PASS
		mcs3	12.80	24	PASS
		mcs4	12.80	24	PASS
		mcs5	12.78	24	PASS
		mcs6	12.75	24	PASS
		mcs7	12.77	24	PASS
	46/5230	mcs0	13.12	24	PASS
802.11ac VHT20	36/5180	mcs0	11.31	24	PASS
		mcs1	11.29	24	PASS
		mcs2	11.30	24	PASS
		mcs3	11.31	24	PASS
		mcs4	11.23	24	PASS
		mcs5	11.23	24	PASS

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		mcs6	11.28	24	PASS
		mcs7	11.29	24	PASS
		mcs8	11.29	24	PASS
	40/5200	mcs0	11.39	24	PASS
	48/5240	mcs0	11.41	24	PASS
802.11ac VHT40	38/5190	mcs0	12.59	24	PASS
		mcs1	12.06	24	PASS
		mcs2	12.05	24	PASS
		mcs3	12.02	24	PASS
		mcs4	12.53	24	PASS
		mcs5	12.43	24	PASS
		mcs6	12.51	24	PASS
		mcs7	12.53	24	PASS
		mcs8	12.38	24	PASS
		mcs9	12.17	24	PASS
	46/5230	mcs0	12.66	24	PASS
802.11ac VHT80	42/5210	mcs0	11.44	24	PASS
		mcs1	11.42	24	PASS
		mcs2	11.40	24	PASS
		mcs3	11.36	24	PASS
		mcs4	11.09	24	PASS
		mcs5	11.00	24	PASS
		mcs6	10.67	24	PASS
		mcs7	10.80	24	PASS
		mcs8	10.77	24	PASS
		mcs9	10.92	24	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Data Rate	Output Power (dBm)	Limit (dBm)	Conclusion
802.11a	52/5260	6M	12.97	24	PASS
	60/5300	6M	12.92	24	PASS
	64/5320	6M	12.88	24	PASS
802.11n HT20	52/5260	mcs0	12.78	24	PASS
	60/5300	mcs0	12.79	24	PASS
	64/5320	mcs0	12.72	24	PASS
802.11n HT40	54/5270	mcs0	13.17	24	PASS
		mcs1	13.18	24	PASS
		mcs2	12.64	24	PASS
		mcs3	12.68	24	PASS
		mcs4	12.67	24	PASS
		mcs5	12.74	24	PASS
		mcs6	12.79	24	PASS
		mcs7	12.72	24	PASS
	62/5310	mcs0	13.22	24	PASS
802.11ac VHT20	52/5260	mcs0	11.39	24	PASS
	60/5300	mcs0	11.31	24	PASS
	64/5320	mcs0	11.44	24	PASS
802.11ac VHT40	54/5270	mcs0	12.53	24	PASS
		mcs1	12.50	24	PASS
		mcs2	12.55	24	PASS
		mcs3	12.54	24	PASS
		mcs4	12.50	24	PASS
		mcs5	12.51	24	PASS
		mcs6	12.52	24	PASS
		mcs7	12.54	24	PASS
		mcs8	12.39	24	PASS
		mcs9	12.18	24	PASS
	62/5310	mcs0	12.59	24	PASS
802.11ac VHT80	58/5290	mcs0	11.29	24	PASS

Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor

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Test Mode	Channel/ Frequency (MHz)	Data Rate	Output Power (dBm)	Limit (dBm)	Conclusion
802.11a	100/5500	6M	12.10	24	PASS
	120/5600	6M	11.23	24	PASS
	140/5700	6M	12.48	24	PASS
	144/5720	6M	11.67	24	PASS
802.11n HT20	100/5500	mcs0	12.76	24	PASS
	120/5600	mcs0	11.88	24	PASS
	140/5700	mcs0	13.20	24	PASS
	144/5720	mcs0	12.68	24	PASS
802.11n HT40	102/5510	mcs0	13.02	24	PASS
	118/5590	mcs0	12.44	24	PASS
	134/5670	mcs0	13.15	24	PASS
	142/5710	mcs0	13.01	24	PASS
802.11ac VHT20	100/5500	mcs0	13.78	24	PASS
	120/5600	mcs0	12.91	24	PASS
	140/5700	mcs0	13.73	24	PASS
	144/5720	mcs0	12.96	24	PASS
802.11ac VHT40	102/5510	mcs0	13.45	24	PASS
	118/5590	mcs0	12.56	24	PASS
	134/5670	mcs0	13.69	24	PASS
	142/5710	mcs0	13.50	24	PASS
802.11ac VHT80	106/5530	mcs0	11.97	24	PASS
		mcs1	11.86	24	PASS
		mcs2	11.91	24	PASS
		mcs3	11.96	24	PASS
		mcs4	11.50	24	PASS
		mcs5	11.55	24	PASS
		mcs6	11.31	24	PASS
		mcs7	11.23	24	PASS
		mcs8	11.34	24	PASS
		mcs9	11.34	24	PASS
	122/5610	mcs0	11.07	24	PASS
	138/5690	mcs0	12.15	24	PASS

Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor

U-NII-3

Test Mode	Channel/ Frequency (MHz)	Data Rate	Output Power (dBm)	Limit (dBm)	Conclusion
802.11a	144/5720	6M	4.20	30	PASS
	149/5745	6M	13.57	30	PASS
		9M	13.13	30	PASS
		12M	13.10	30	PASS
		18M	13.01	30	PASS
		24M	13.04	30	PASS
		36M	13.55	30	PASS
		48M	13.56	30	PASS
		54M	13.56	30	PASS
	157/5785	6M	13.58	30	PASS
	165/5825	6M	13.54	30	PASS
802.11n HT20	144/5720	mcs0	5.72	30	PASS
	149/5745	mcs0	12.89	30	PASS
		mcs1	12.87	30	PASS
		mcs2	12.88	30	PASS
		mcs3	12.91	30	PASS
		mcs4	12.92	30	PASS
		mcs5	13.04	30	PASS
		mcs6	13.54	30	PASS
		mcs7	13.45	30	PASS
	157/5785	mcs0	13.05	30	PASS
	165/5825	mcs0	12.89	30	PASS
	142/5710	mcs0	1.04	30	PASS
802.11n HT40	151/5755	mcs0	13.49	30	PASS
		mcs1	13.17	30	PASS
		mcs2	13.20	30	PASS
		mcs3	13.23	30	PASS
		mcs4	13.32	30	PASS
		mcs5	13.57	30	PASS
		mcs6	13.51	30	PASS
		mcs7	13.53	30	PASS
	159/5795	mcs0	13.10	30	PASS
802.11ac VHT20	144/5720	mcs0	5.62	30	PASS
	149/5745	mcs0	12.81	30	PASS
		mcs1	13.41	30	PASS

		mcs2	12.85	30	PASS	
		mcs3	12.86	30	PASS	
		mcs4	12.95	30	PASS	
		mcs5	12.97	30	PASS	
		mcs6	12.99	30	PASS	
		mcs7	12.98	30	PASS	
		mcs8	13.23	30	PASS	
		157/5785	mcs0	13.48	30	PASS
		165/5825	mcs0	12.94	30	PASS
802.11ac VHT40	142/5710	mcs0	1.06	30	PASS	
	151/5755	mcs0	13.13	30	PASS	
		mcs1	13.10	30	PASS	
		mcs2	13.17	30	PASS	
		mcs3	13.19	30	PASS	
		mcs4	13.22	30	PASS	
		mcs5	13.16	30	PASS	
		mcs6	13.23	30	PASS	
		mcs7	13.17	30	PASS	
		mcs8	13.27	30	PASS	
	mcs9	13.49	30	PASS		
	159/5795	mcs0	13.24	30	PASS	
802.11ac VHT80	138/5690	mcs0	-3.73	30	PASS	
	155/5775	mcs0	13.04	30	PASS	
		mcs1	13.11	30	PASS	
		mcs2	13.01	30	PASS	
		mcs3	13.05	30	PASS	
		mcs4	13.17	30	PASS	
		mcs5	13.22	30	PASS	
		mcs6	12.88	30	PASS	
		mcs7	13.01	30	PASS	
		mcs8	13.03	30	PASS	
	mcs9	12.87	30	PASS		
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor						

6.3. Frequency Stability

Voltage (V)	Temperature (°C)	U-NII-1 Test Results			
		5200MHz			
		1min	2min	5min	10min
3.88	-30	5200.004676	5200.003248	5200.001413	5199.995901
3.88	-20	5200.003979	5199.994790	5199.993216	5199.986558
3.88	-10	5200.013076	5199.984938	5199.991862	5199.985627
3.88	0	5199.998332	5199.993440	5199.983910	5199.982964
3.88	10	5199.990918	5199.990718	5199.982235	5199.978267
3.88	20	5199.981865	5199.980724	5199.979959	5199.974763
3.88	30	5199.972100	5199.980621	5199.975589	5199.965212
3.88	40	5199.965897	5199.978533	5199.974994	5199.959651
3.88	50	5199.957382	5199.973825	5199.966505	5199.958282
3.45	20	5199.954309	5199.965646	5199.966236	5199.953263
4.4	20	5199.953165	5199.962632	5199.963716	5199.945382
Max. ΔMHz		-0.046835	-0.037368	-0.036284	-0.054618
PPM		-9.006731	-7.186154	-6.977692	-10.503462

Voltage (V)	Temperature (°C)	U-NII-2A Test Results			
		5300MHz			
		1min	2min	5min	10min
3.88	-30	5299.999696	5299.992056	5299.983732	5299.977728
3.88	-20	5299.995417	5299.984312	5299.978347	5299.968075
3.88	-10	5299.991690	5299.977205	5299.969707	5299.963409
3.88	0	5299.987179	5299.976323	5299.978050	5299.961452
3.88	10	5299.987072	5299.966364	5299.971767	5299.953740
3.88	20	5299.979198	5299.957352	5299.969194	5299.951861
3.88	30	5299.970094	5299.950836	5299.965295	5299.949340
3.88	40	5299.968651	5299.941243	5299.961559	5299.942060
3.88	50	5299.966008	5299.940102	5299.959881	5299.941436
3.45	20	5299.965463	5299.933962	5299.954796	5299.940440
4.4	20	5299.959584	5299.928146	5299.953227	5299.940333
Max. ΔMHz		-0.040416	-0.071854	-0.046773	-0.059667
PPM		-7.625660	-13.557358	-8.825094	-11.257925

Voltage (V)	Temperature (°C)	U-NII-2C Test Results			
		5580MHz			
		1min	2min	5min	10min
3.88	-30	5579.990807	5579.986122	5579.981717	5579.979169
3.88	-20	5579.984747	5579.976561	5579.974319	5579.971077
3.88	-10	5579.975995	5579.973386	5579.964626	5579.967034
3.88	0	5579.982422	5579.976223	5579.969039	5579.970453
3.88	10	5579.975582	5579.974468	5579.961887	5579.961853
3.88	20	5579.966777	5579.968007	5579.958651	5579.952221
3.88	30	5579.966198	5579.961416	5579.958521	5579.943046
3.88	40	5579.965475	5579.955103	5579.955247	5579.933460
3.88	50	5579.959454	5579.950990	5579.949913	5579.926469
3.45	20	5579.953446	5579.948834	5579.940392	5579.917075
4.4	20	5579.950495	5579.944203	5579.937135	5579.913507
Max. ΔMHz		-0.049505	-0.055797	-0.062865	-0.086493
PPM		-8.871864	-9.999462	-11.266129	-15.500538

Voltage (V)	Temperature (°C)	U-NII-3 Test Results			
		5785MHz			
		1min	2min	5min	10min
3.88	-30	5785.000540	5784.999106	5784.994633	5784.991746
3.88	-20	5784.997275	5784.992169	5784.988334	5784.981908
3.88	-10	5784.990178	5784.982608	5784.980579	5784.975086
3.88	0	5784.991700	5784.986783	5784.985942	5784.976057
3.88	10	5784.984378	5784.980011	5784.982462	5784.967534
3.88	20	5784.975595	5784.971588	5784.976558	5784.961917
3.88	30	5784.973990	5784.970922	5784.972532	5784.958113
3.88	40	5784.970292	5784.965862	5784.962691	5784.954349
3.88	50	5784.964967	5784.961027	5784.962463	5784.951289
3.45	20	5784.960398	5784.956387	5784.953836	5784.950028
4.4	20	5784.954299	5784.953390	5784.951246	5784.945088
Max. ΔMHz		-0.045701	-0.046610	-0.048754	-0.054912
PPM		-7.899914	-8.057044	-8.427658	-9.492135

6.4. Power Spectral Density

U-NII-1

Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	36/5180	3.37	3.48	11	PASS
	40/5200	3.35	3.46	11	PASS
	48/5240	3.21	3.32	11	PASS
802.11n HT20	36/5180	3.15	3.27	11	PASS
	40/5200	3.09	3.21	11	PASS
	48/5240	2.96	3.08	11	PASS
802.11n HT40	38/5190	-0.03	0.20	11	PASS
	46/5230	0.31	0.54	11	PASS
802.11ac VHT20	36/5180	1.63	1.74	11	PASS
	40/5200	1.50	1.61	11	PASS
	48/5240	1.79	1.90	11	PASS
802.11ac VHT40	38/5190	-0.42	-0.19	11	PASS
	46/5230	-0.24	-0.01	11	PASS
802.11ac VHT80	42/5210	-4.30	-3.87	11	PASS

U-NII-2A

Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	52/5260	3.40	3.51	11	PASS
	60/5300	3.43	3.54	11	PASS
	64/5320	3.39	3.50	11	PASS
802.11n HT20	52/5260	2.94	3.06	11	PASS
	60/5300	2.85	2.97	11	PASS
	64/5320	2.91	3.03	11	PASS
802.11n HT40	54/5270	0.19	0.42	11	PASS
	62/5310	0.19	0.42	11	PASS
802.11ac VHT20	52/5260	1.42	1.53	11	PASS
	60/5300	1.48	1.59	11	PASS
	64/5320	1.66	1.77	11	PASS
802.11ac VHT40	54/5270	-0.90	-0.67	11	PASS
	62/5310	-0.22	0.01	11	PASS
802.11ac VHT80	58/5290	-4.93	-4.50	11	PASS

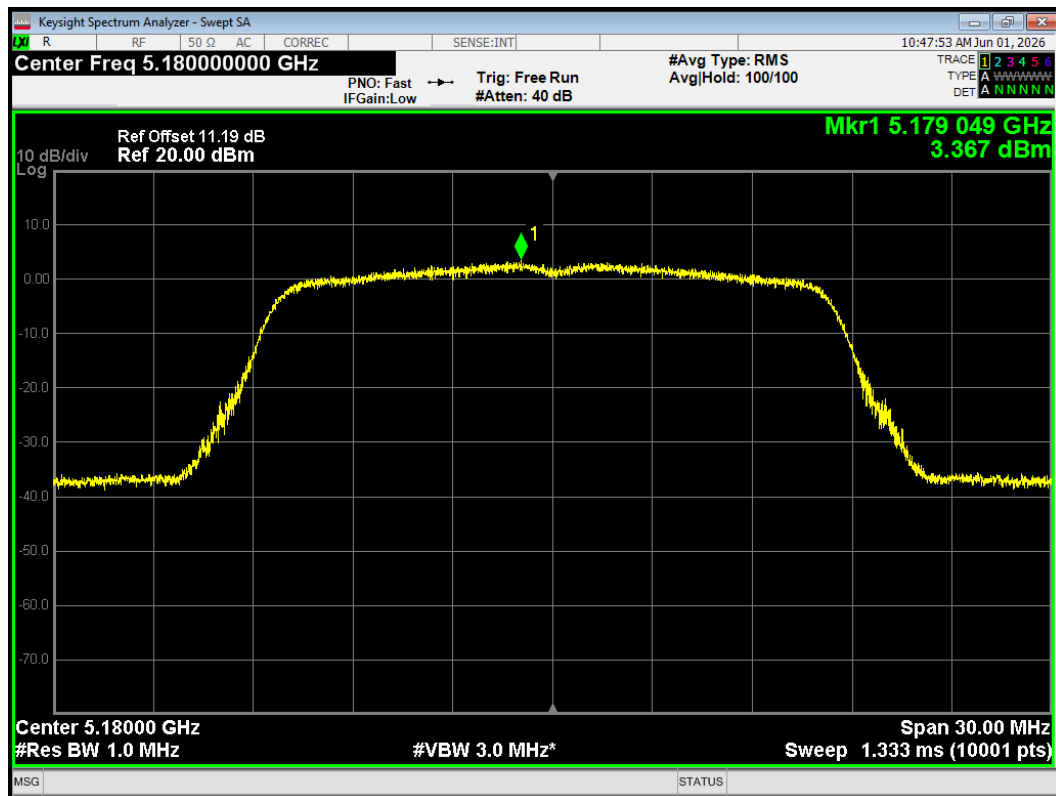
U-NII-2C

Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	100/5500	2.39	2.50	11	PASS
	120/5600	1.56	1.67	11	PASS
	140/5700	2.88	2.99	11	PASS
	144/5720	2.55	2.66	11	PASS
802.11n HT20	100/5500	2.97	3.09	11	PASS
	120/5600	2.10	2.22	11	PASS
	140/5700	3.41	3.53	11	PASS
	144/5720	3.50	3.62	11	PASS
802.11n HT40	102/5510	0.04	0.27	11	PASS
	118/5590	-0.48	-0.25	11	PASS
	134/5670	0.65	0.88	11	PASS
	142/5710	0.58	0.81	11	PASS
802.11ac VHT20	100/5500	3.68	3.79	11	PASS
	120/5600	2.93	3.04	11	PASS
	140/5700	4.00	4.11	11	PASS
	144/5720	3.81	3.92	11	PASS
802.11ac VHT40	102/5510	0.63	0.86	11	PASS
	118/5590	-0.22	0.01	11	PASS
	134/5670	0.87	1.10	11	PASS
	142/5710	1.05	1.28	11	PASS
802.11ac VHT80	106/5530	-4.08	-3.65	11	PASS
	122/5610	-5.08	-4.65	11	PASS
	138/5690	-3.93	-3.50	11	PASS

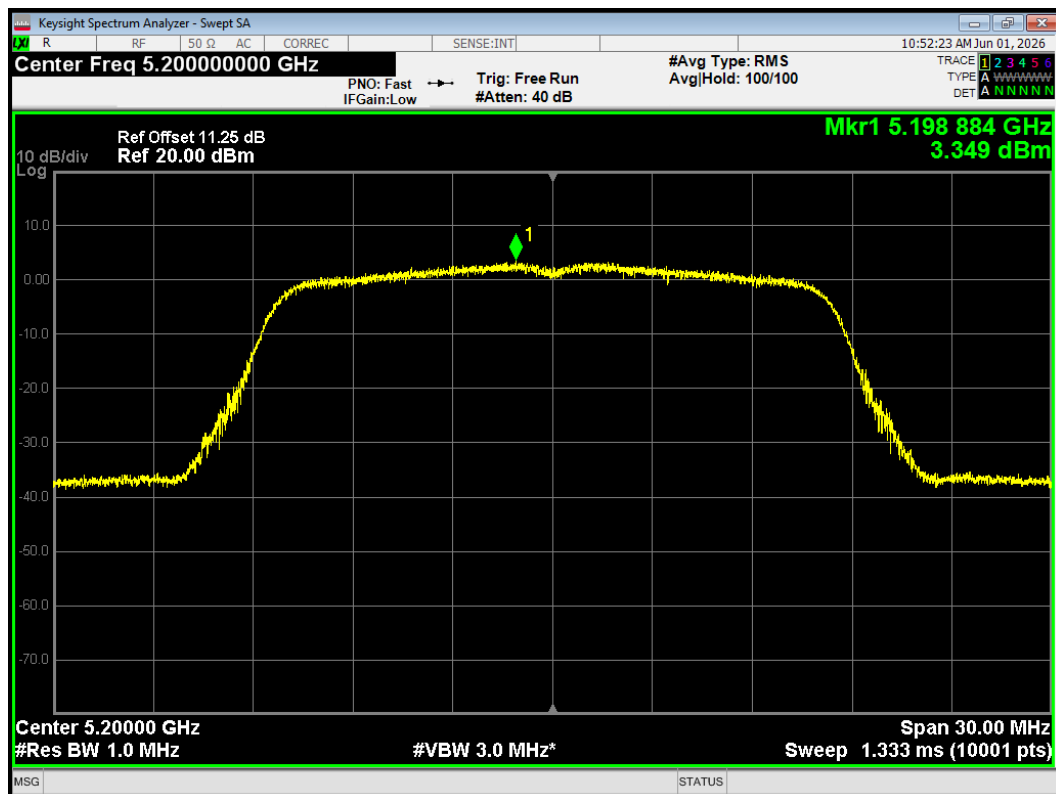
U-NII-3

Mode	Channel /Frequency (MHz)	Read Value (dBm /510kHz)	Power Spectral Density (dBm/510kHz)	Limit (dBm/500kHz)	Conclusion
802.11a	144/5720	-2.04	-1.93	30	PASS
	149/5745	1.08	1.19	30	PASS
	157/5785	1.00	1.11	30	PASS
	165/5825	0.48	0.59	30	PASS
802.11n HT20	144/5720	-1.78	-1.66	30	PASS
	149/5745	0.00	0.12	30	PASS
	157/5785	0.13	0.25	30	PASS
	165/5825	0.05	0.17	30	PASS
802.11n HT40	142/5710	-6.03	-5.80	30	PASS
	151/5755	-2.65	-2.42	30	PASS
	159/5795	-2.63	-2.40	30	PASS
802.11ac VHT20	144/5720	-1.44	-1.33	30	PASS
	149/5745	0.08	0.19	30	PASS
	157/5785	0.15	0.26	30	PASS
	165/5825	0.26	0.37	30	PASS
802.11ac VHT40	142/5710	-5.94	-5.71	30	PASS
	151/5755	-2.41	-2.18	30	PASS
	159/5795	-2.57	-2.34	30	PASS
802.11ac VHT80	138/5690	-10.83	-10.40	30	PASS
	155/5775	-6.55	-6.12	30	PASS

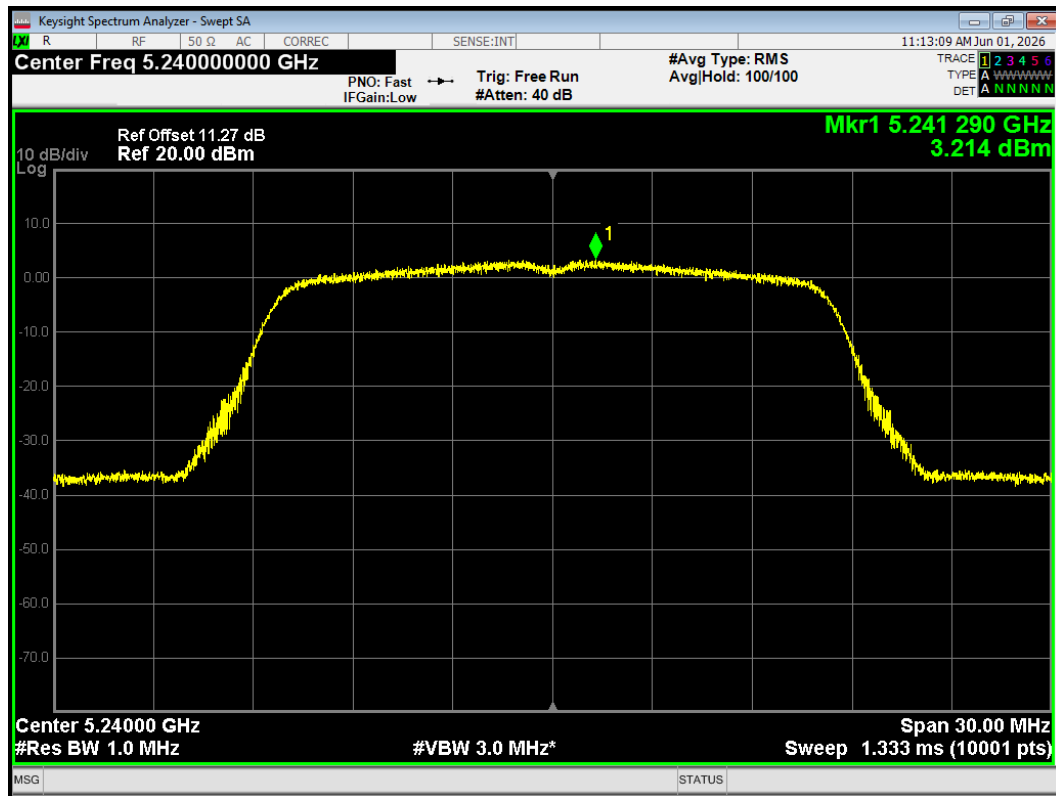
PSD 802.11a 6M 5180MHz



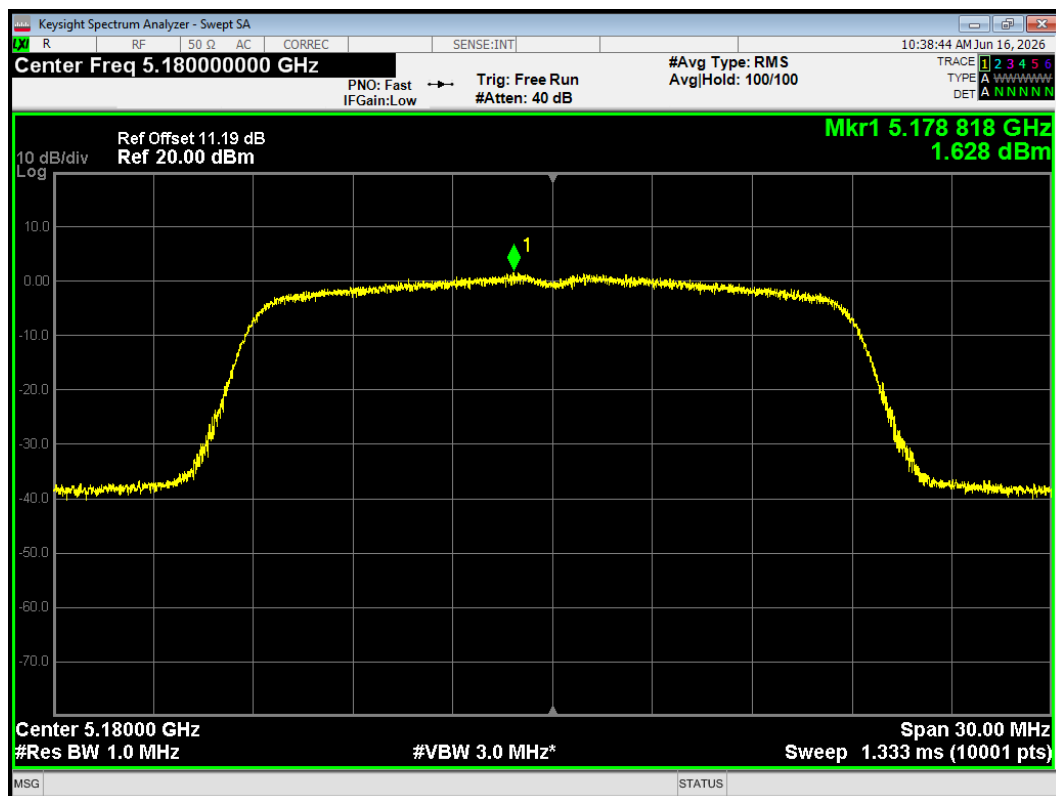
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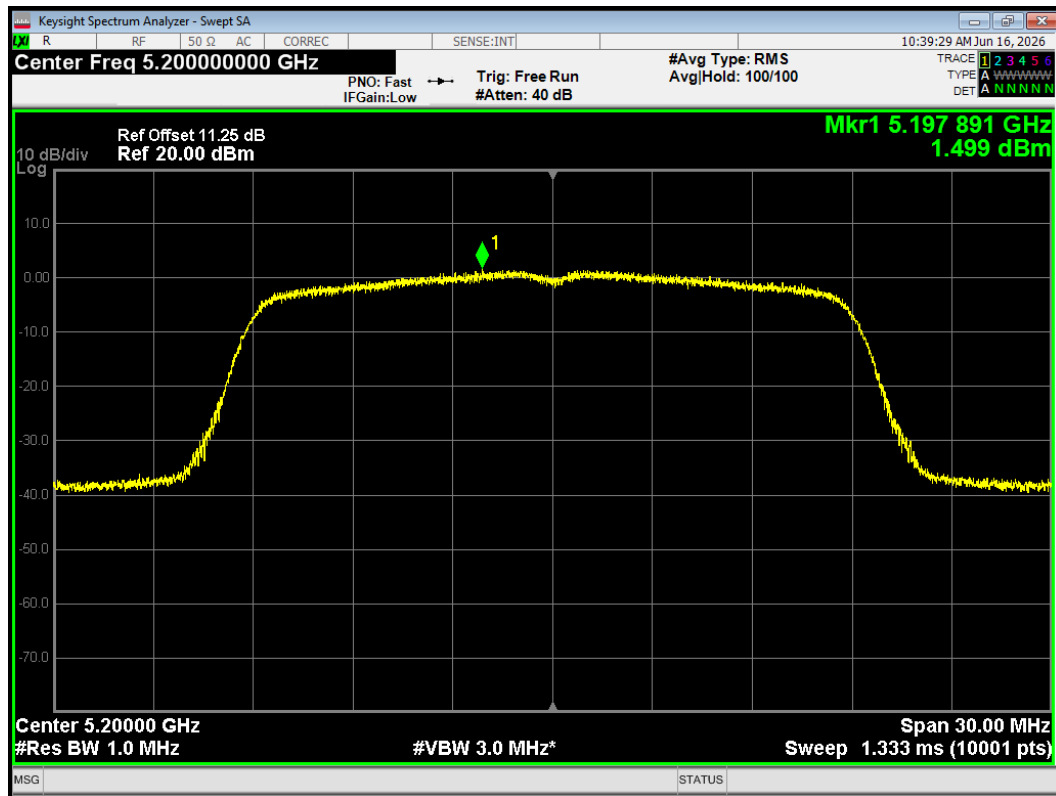
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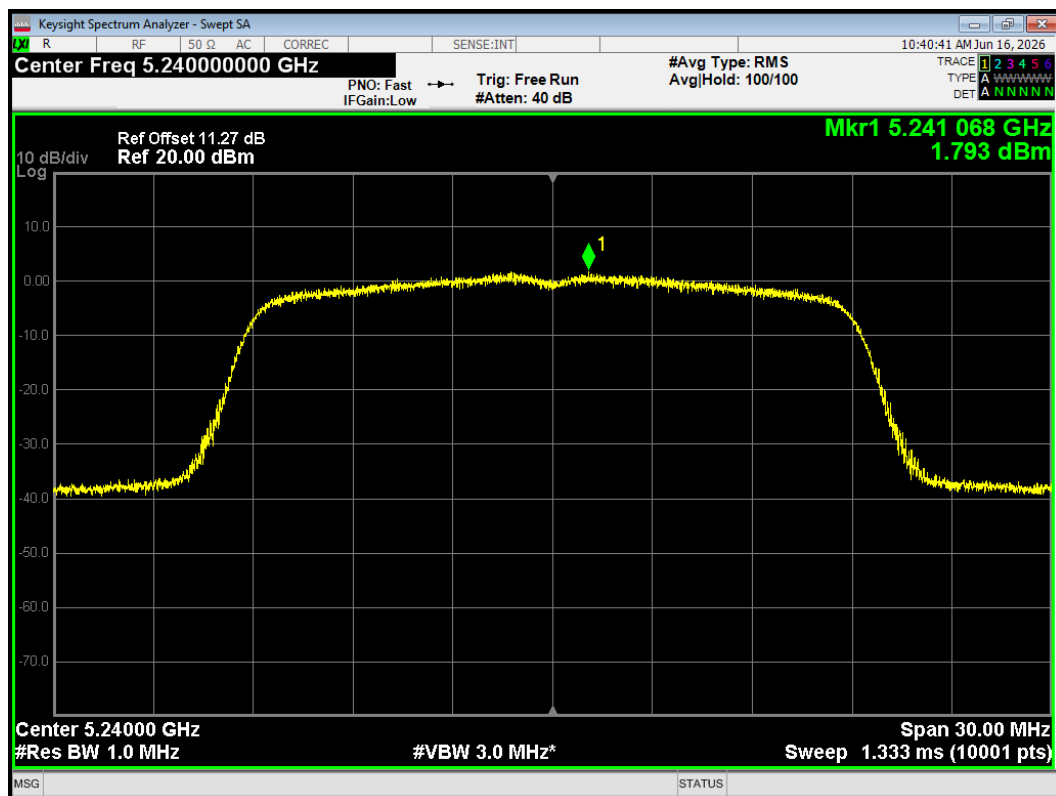
PSD 802.11ac(VHT20) MCS0 5180MHz



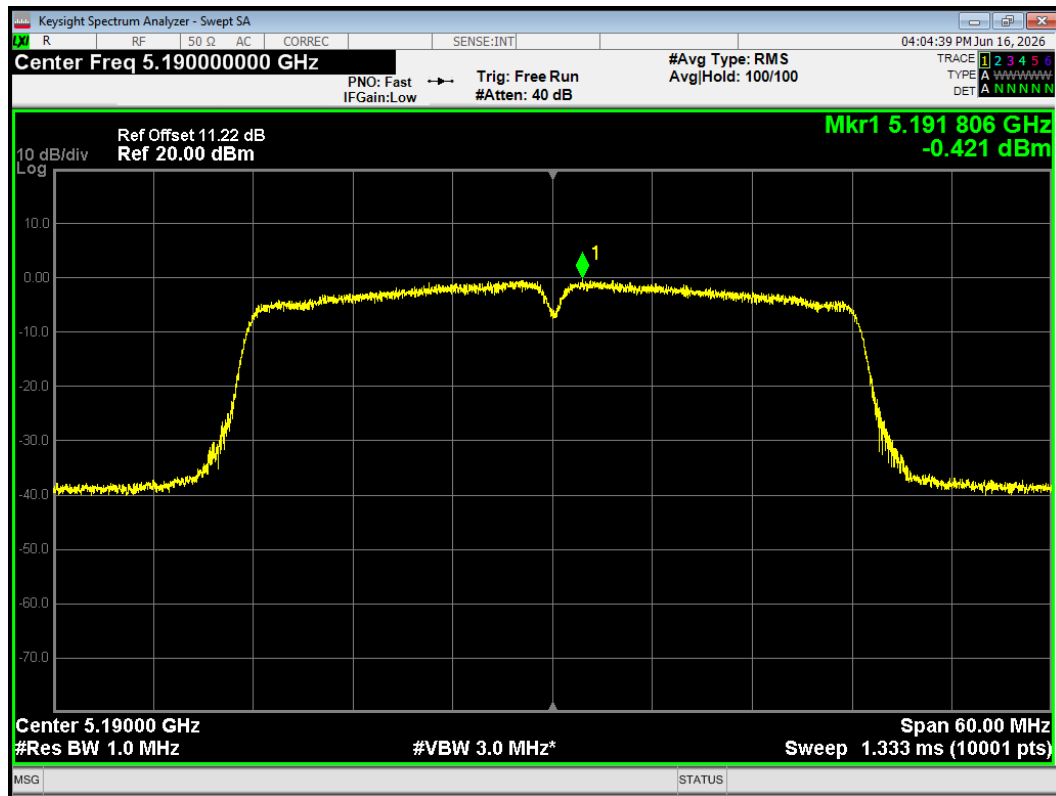
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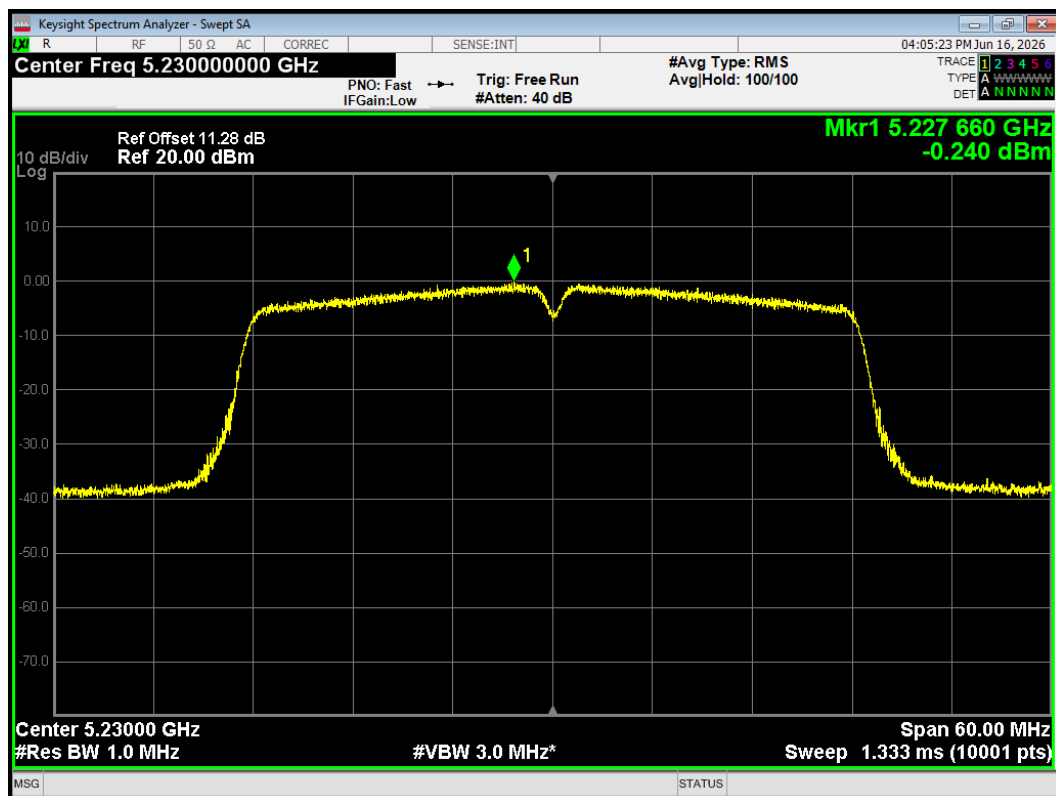
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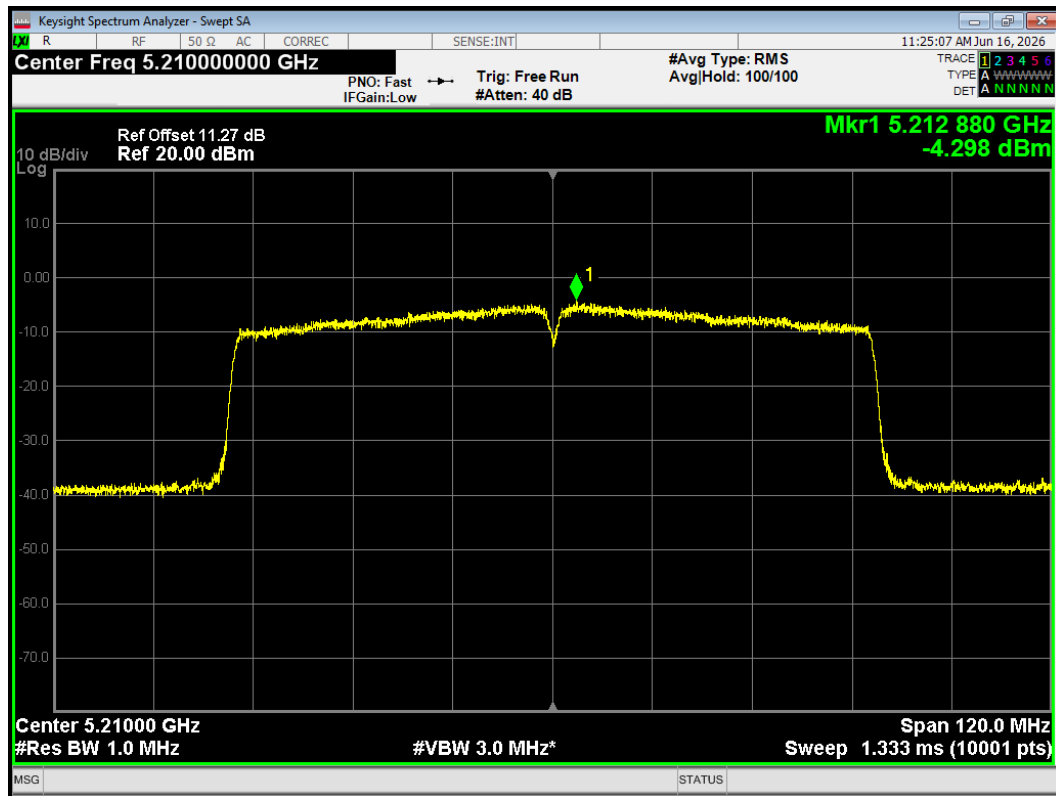
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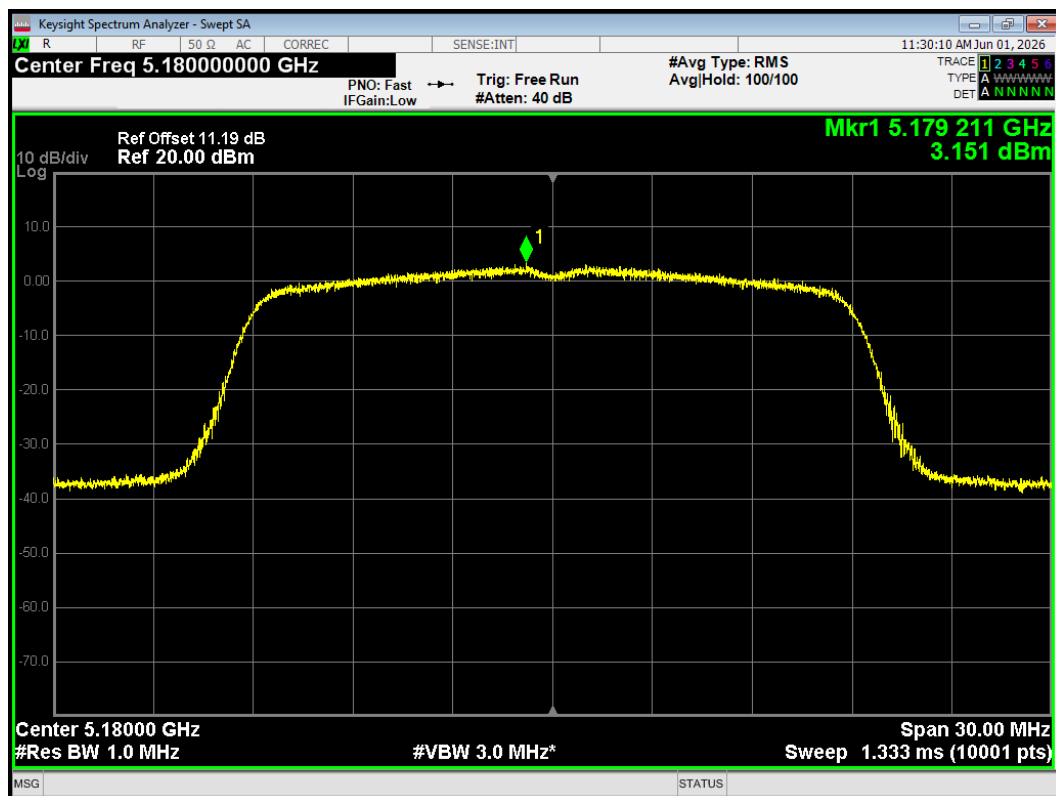
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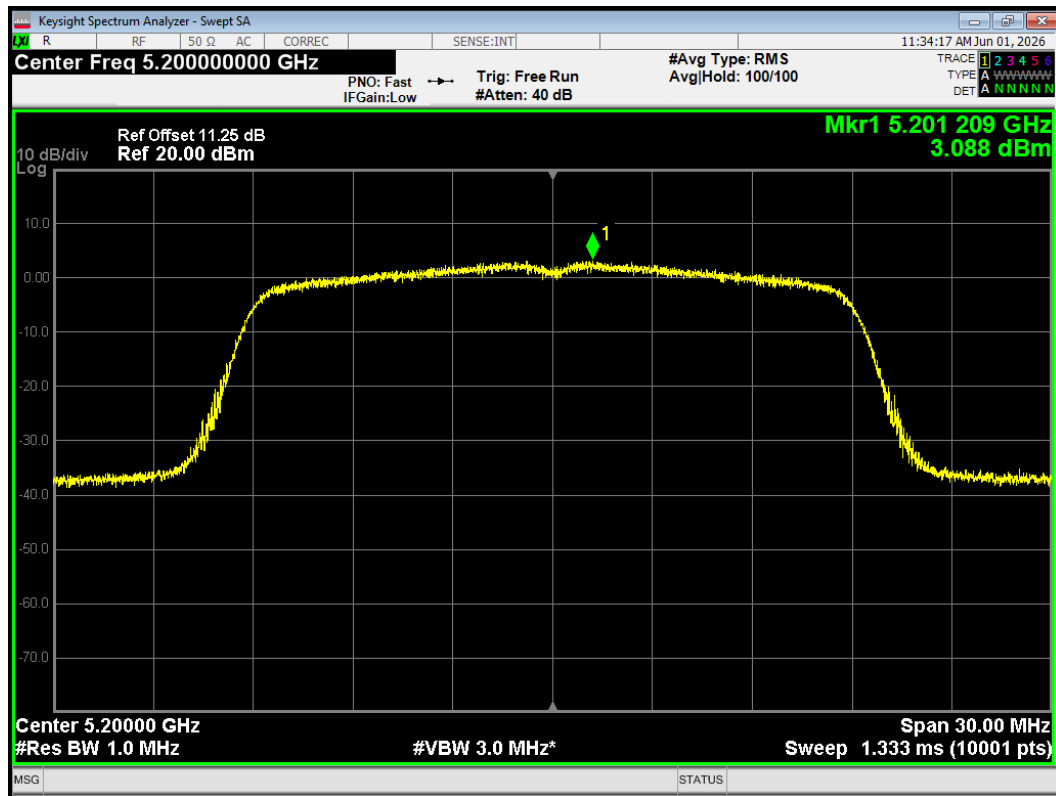
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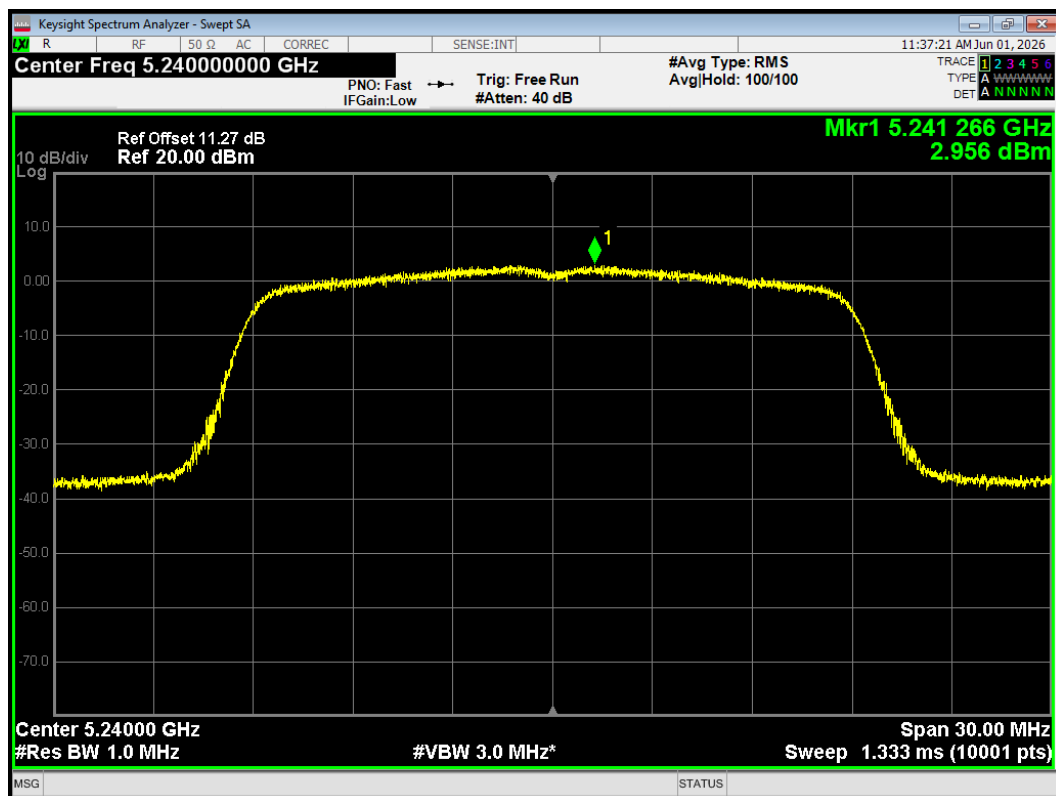
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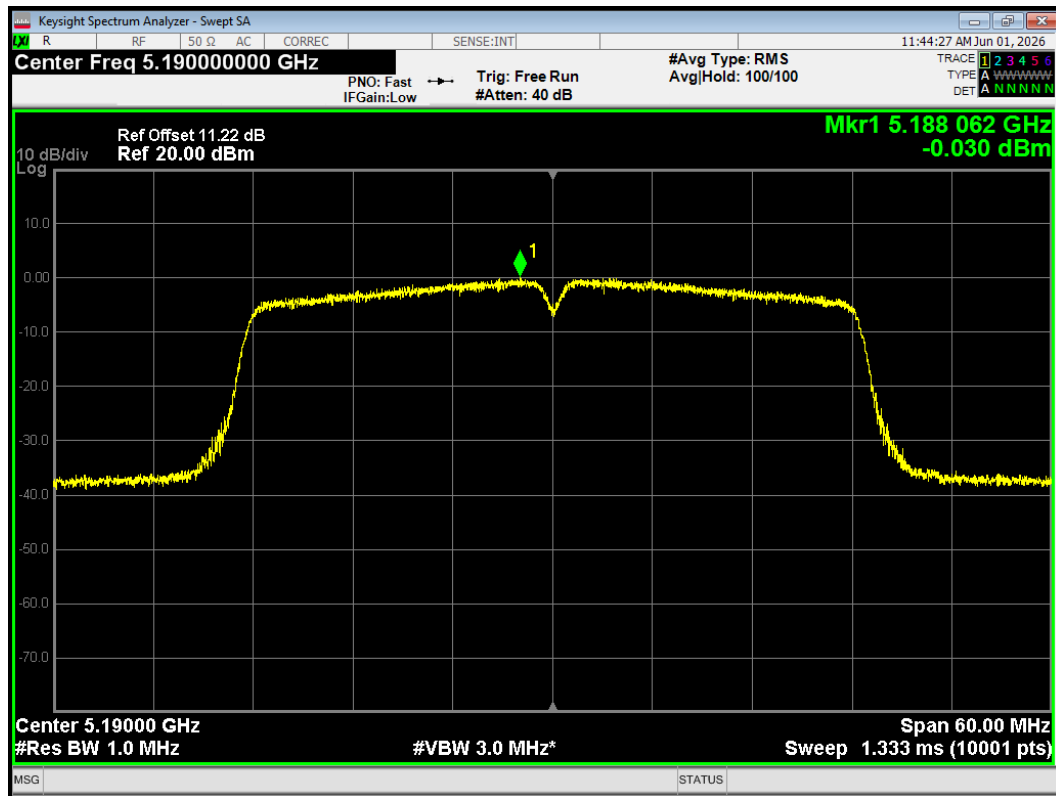
PSD 802.11n(HT20) MCS0 5200MHz



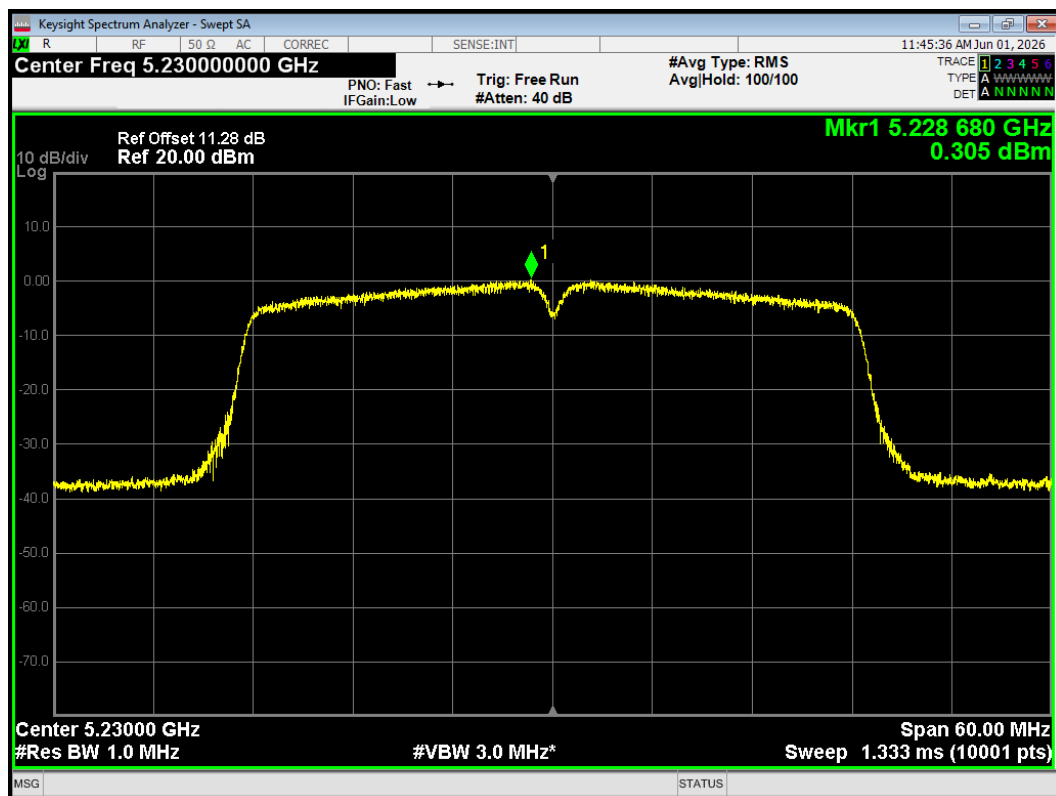
PSD 802.11n(HT20) MCS0 5240MHz



PSD 802.11n(HT40) MCS0 5190MHz

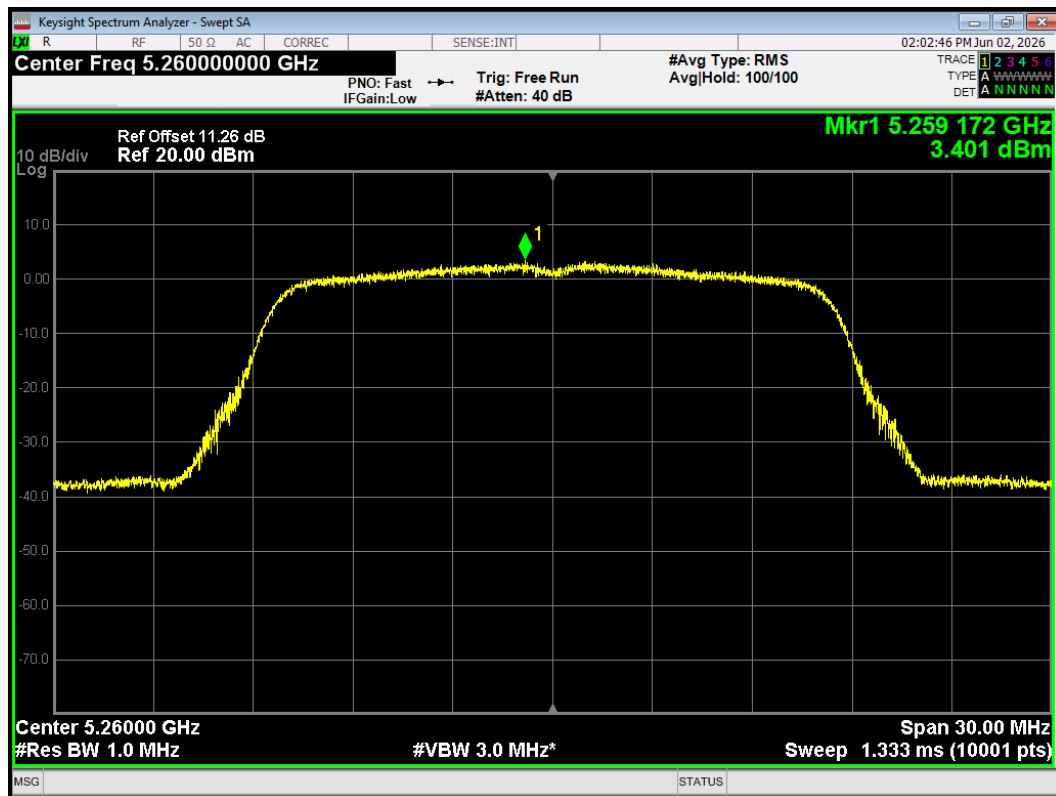


PSD 802.11n(HT40) MCS0 5230MHz

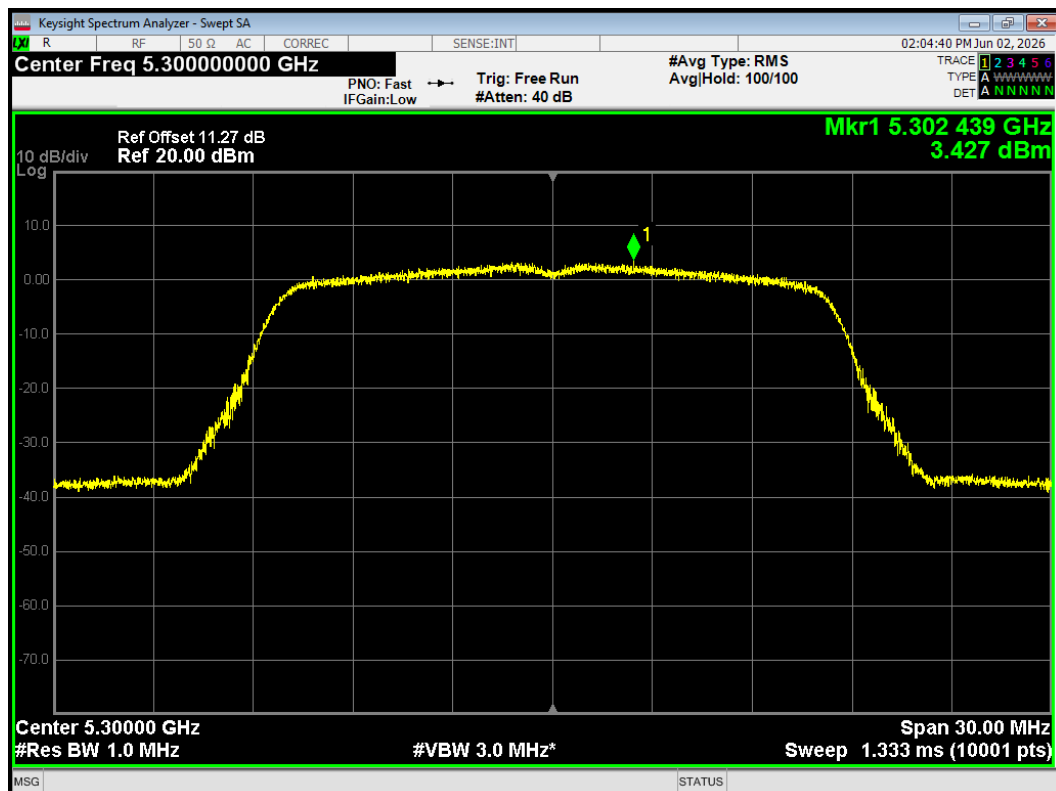


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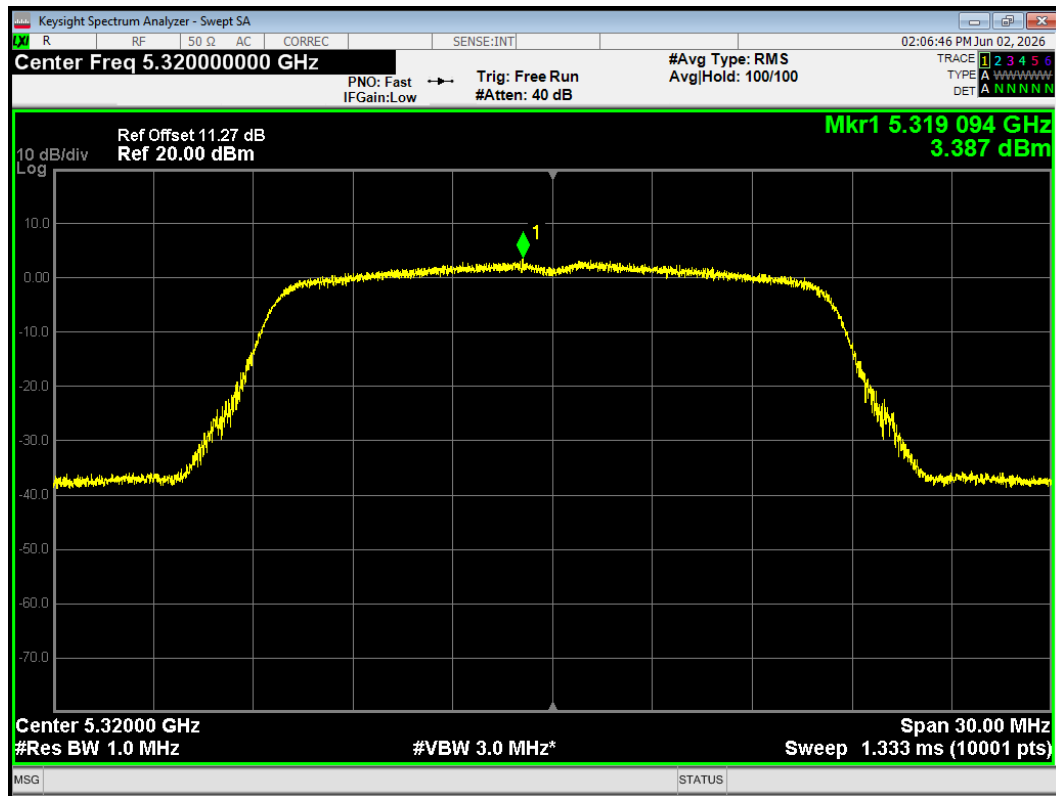
PSD 802.11a 6M 5260MHz



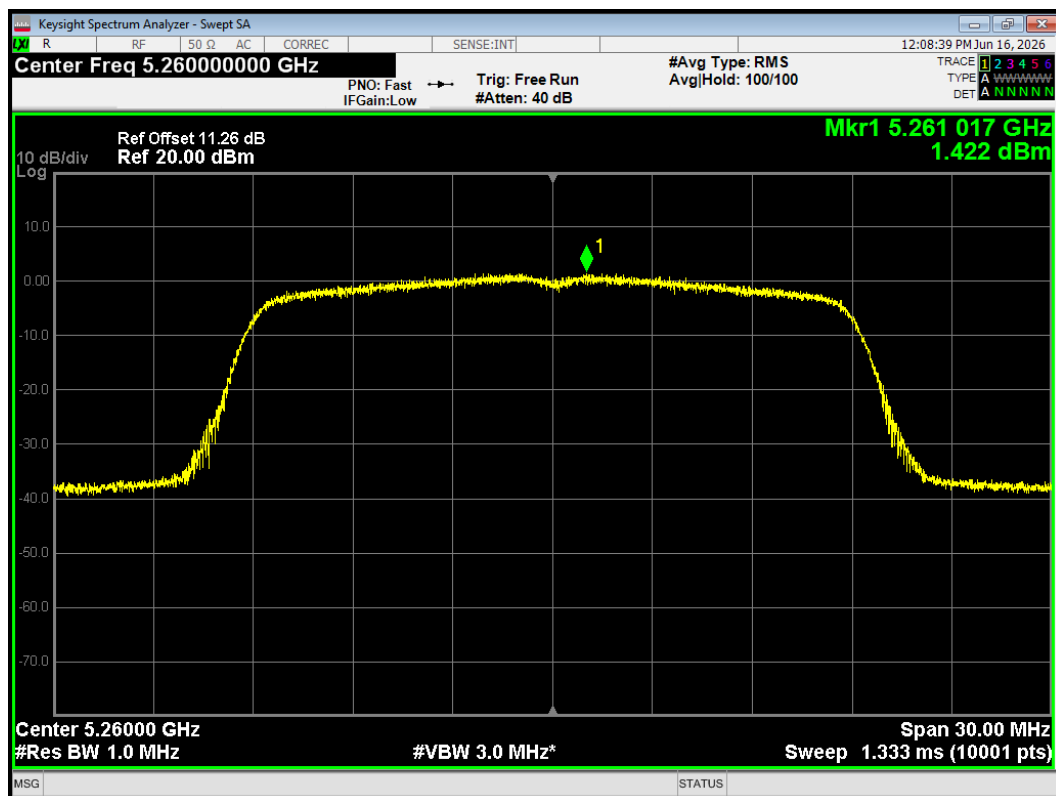
PSD 802.11a 6M 5300MHz



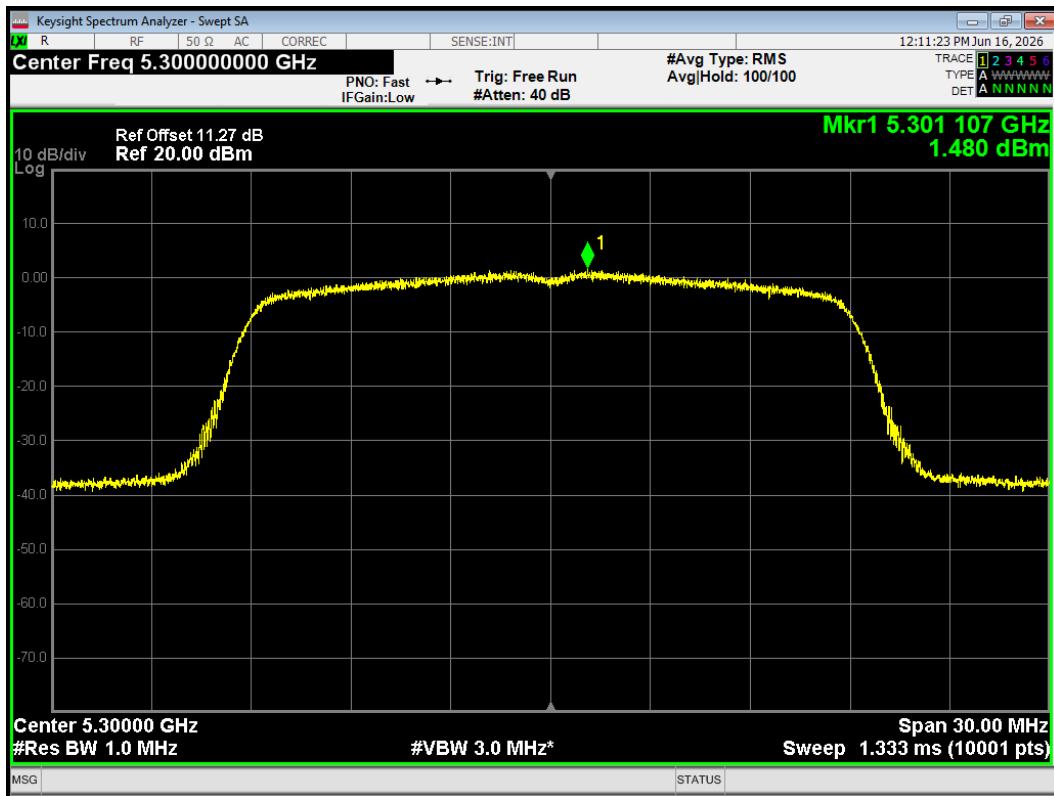
PSD 802.11a 6M 5320MHz



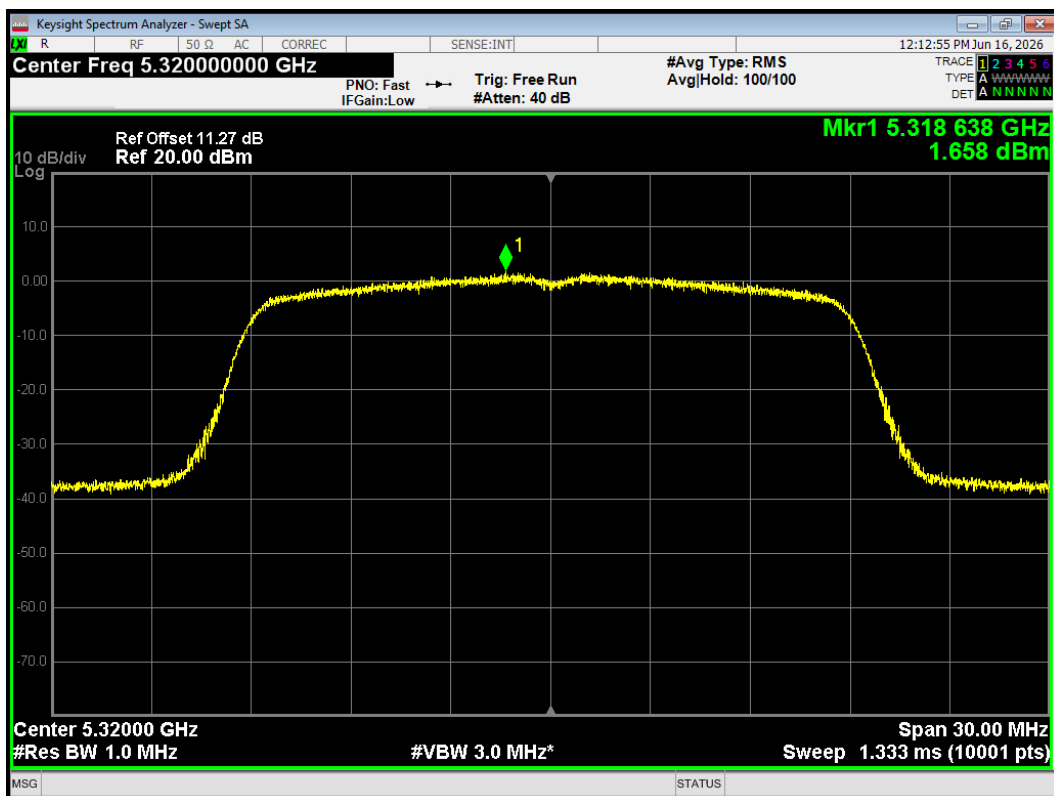
PSD 802.11ac(VHT20) MCS0 5260MHz



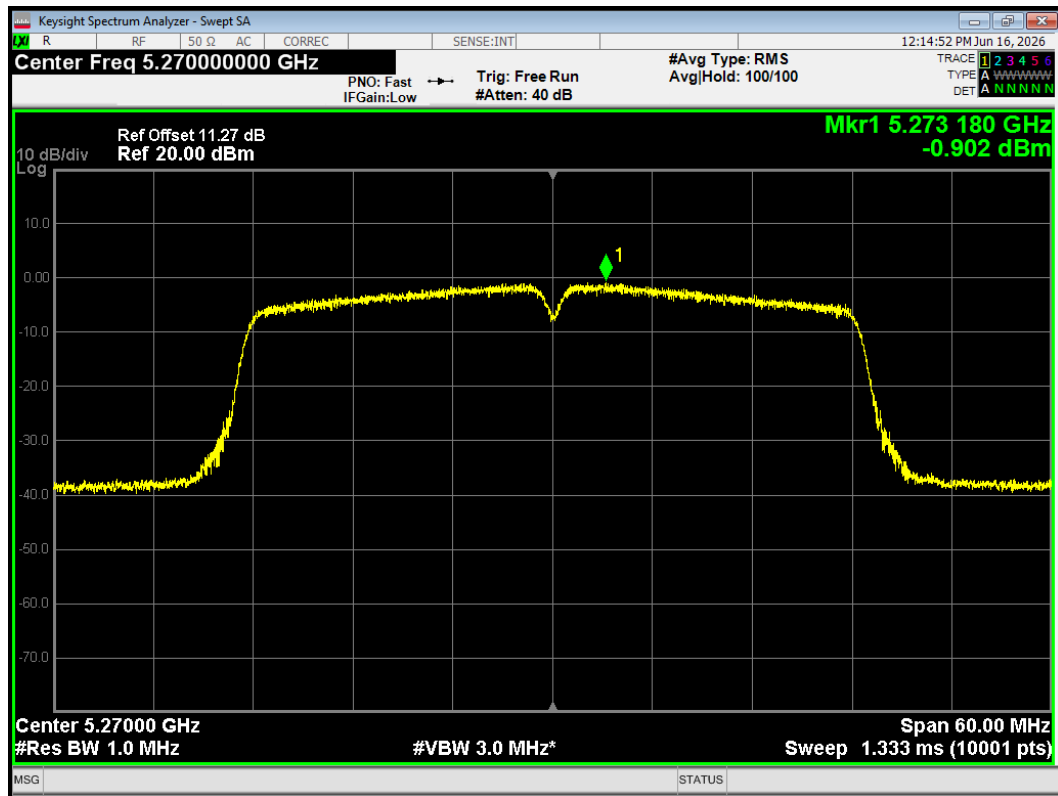
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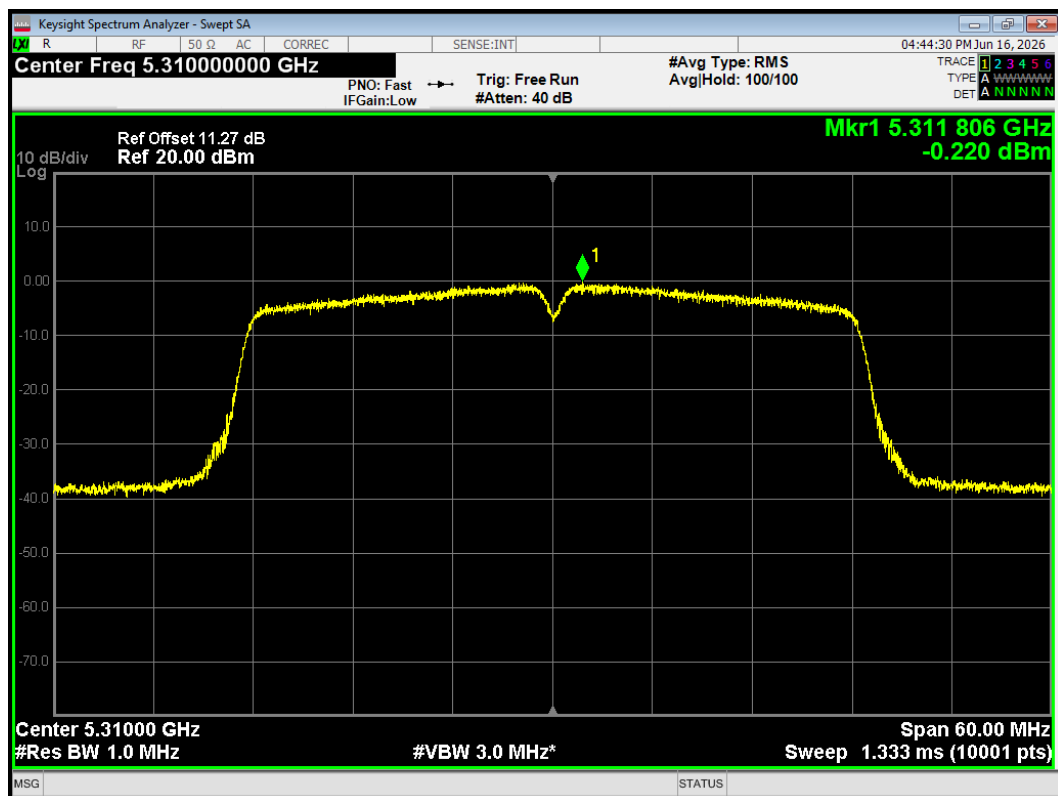
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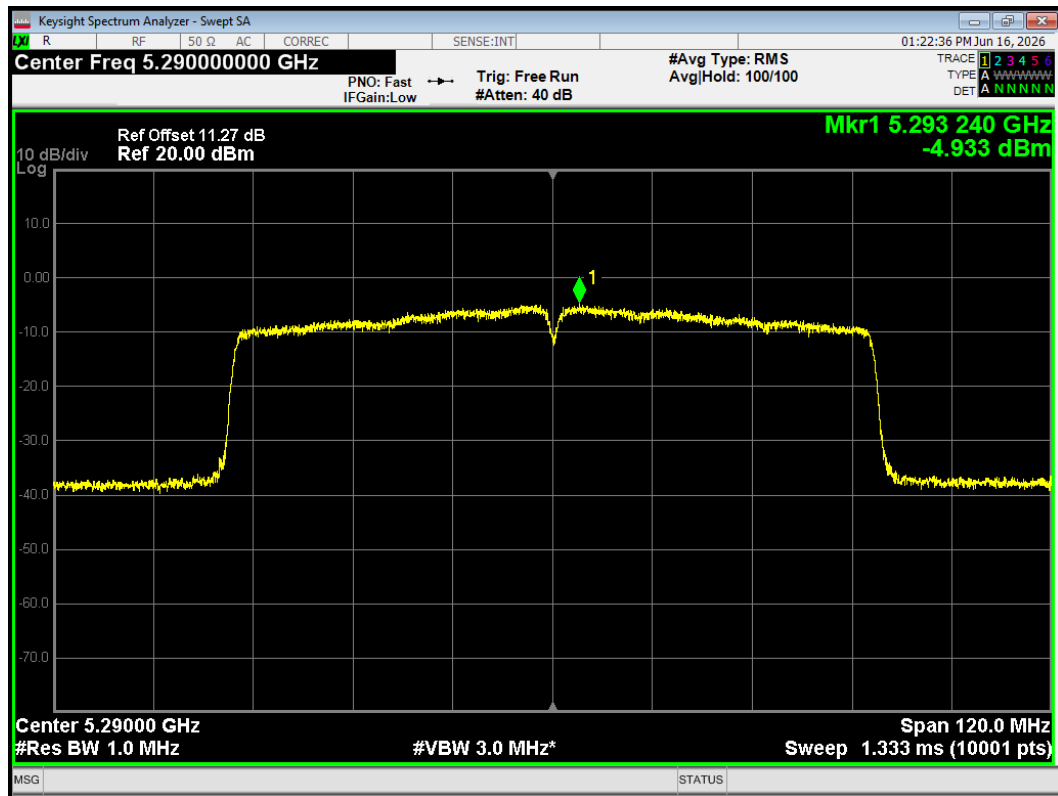
PSD 802.11ac(VHT40) MCS0 5270MHz



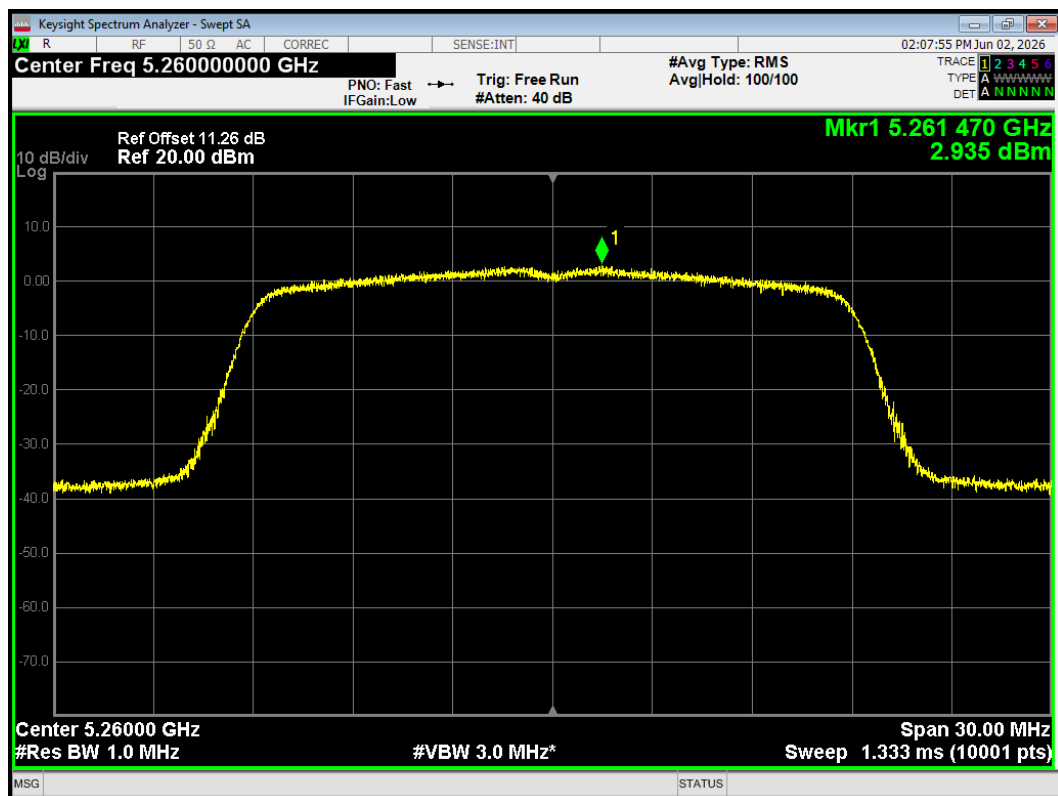
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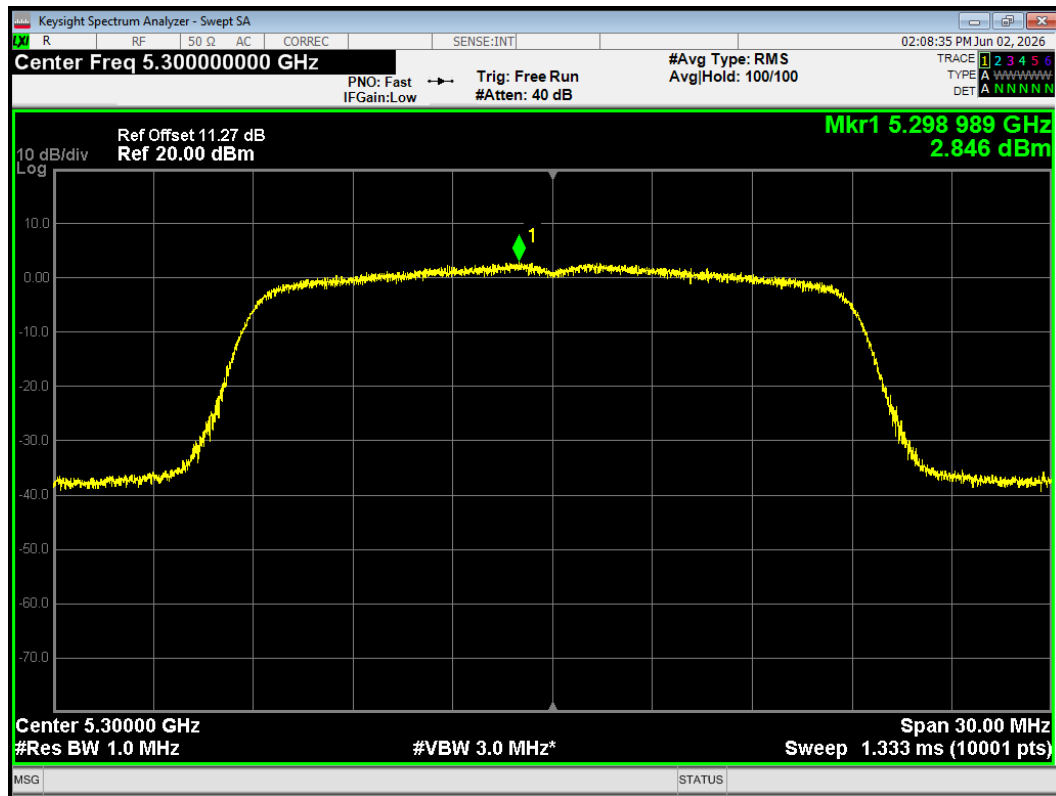
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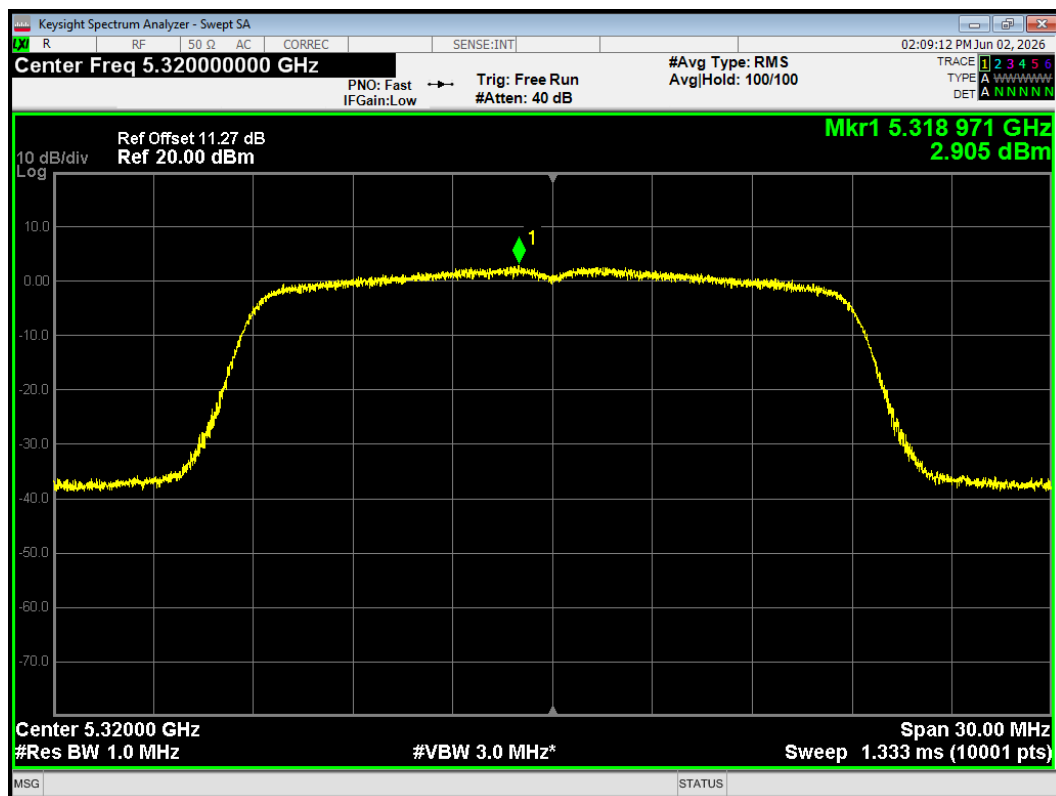
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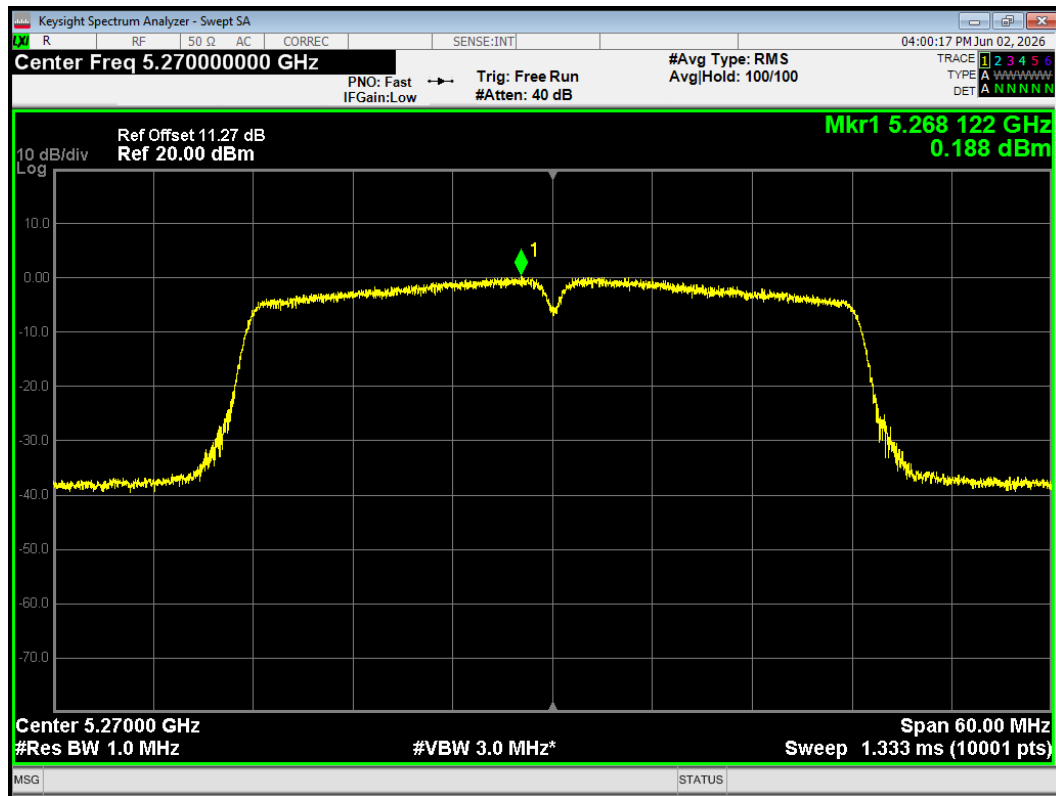
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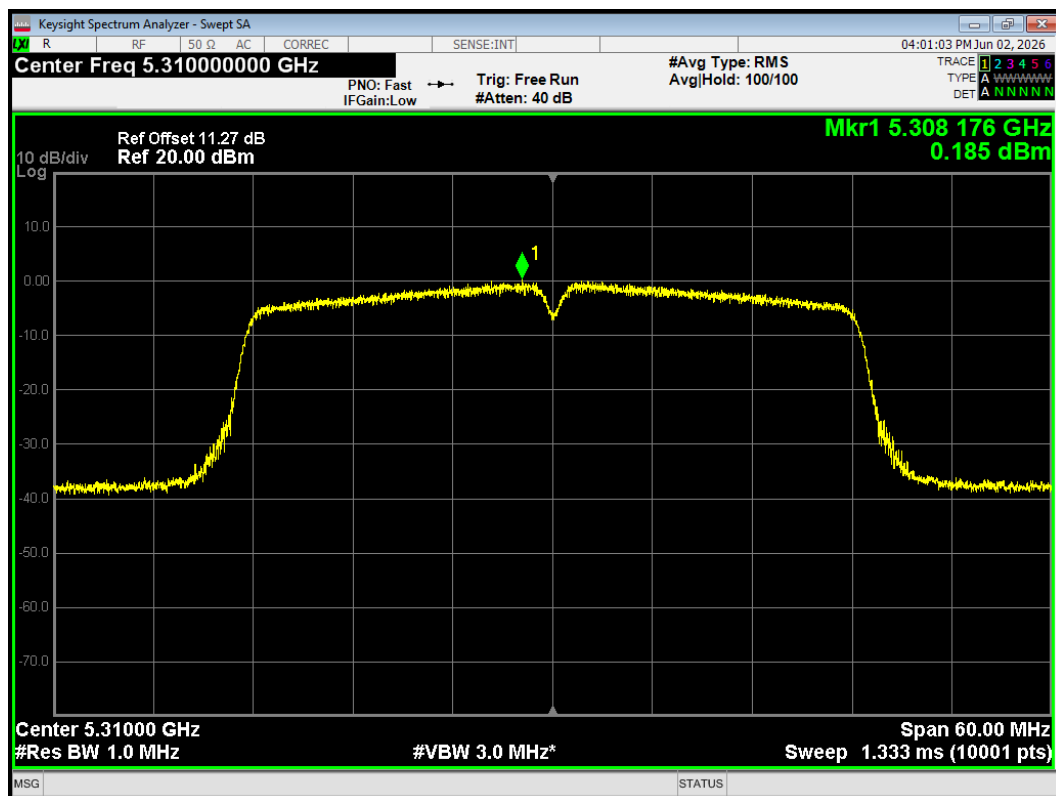
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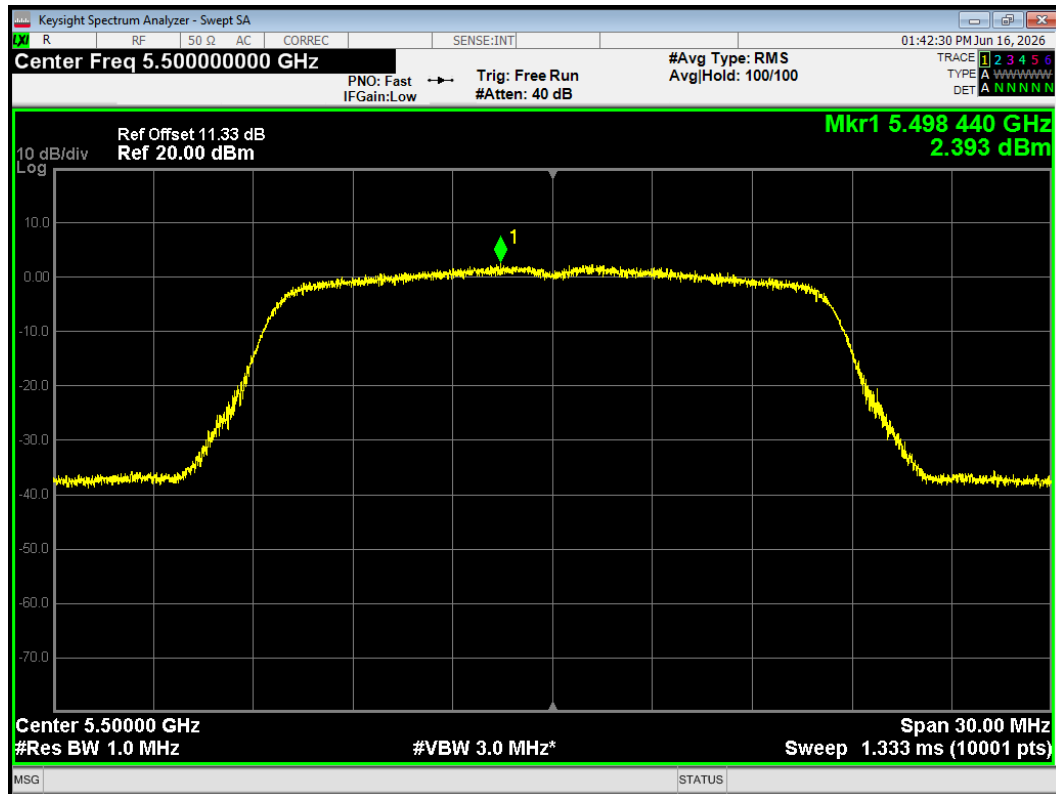
PSD 802.11n(HT40) MCS0 5270MHz



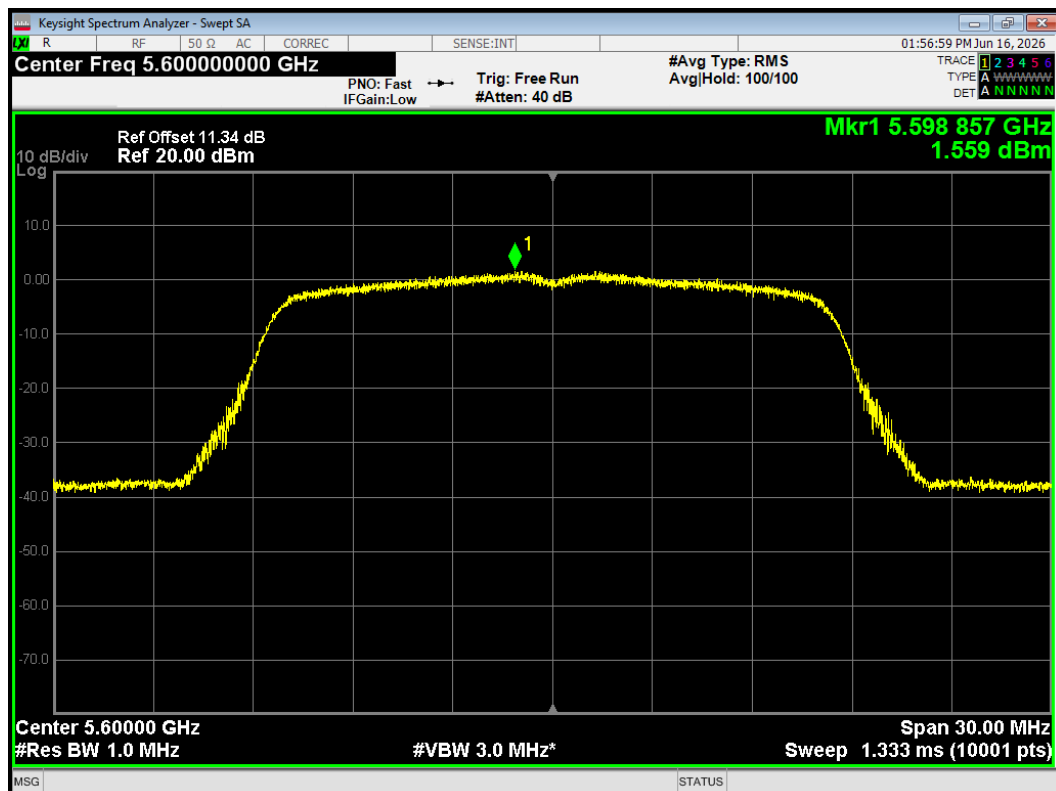
PSD 802.11n(HT40) MCS0 5310MHz



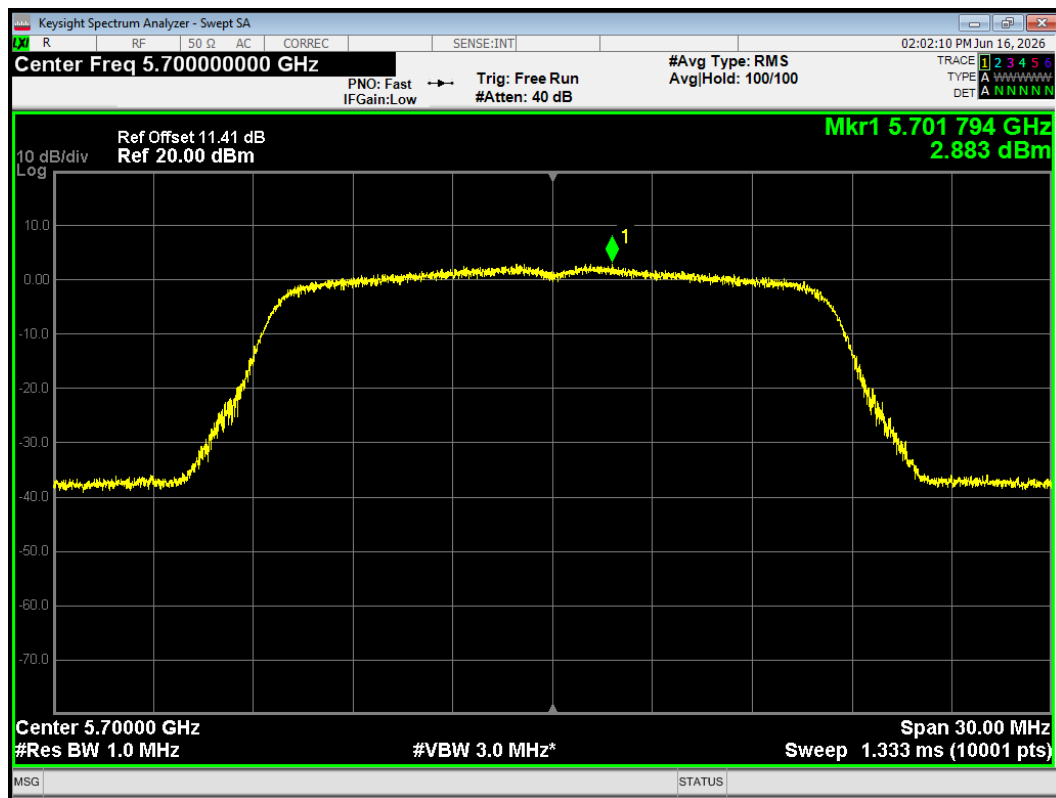
PSD 802.11a 6M 5500MHz



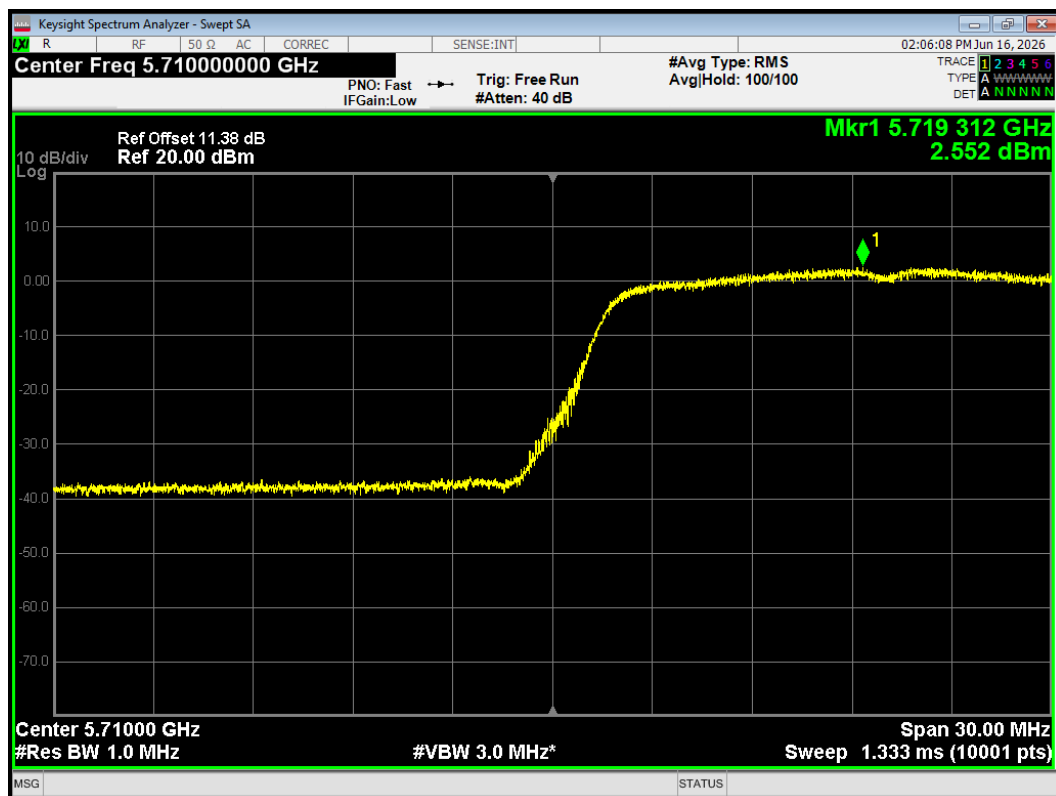
PSD 802.11a 6M 5600MHz



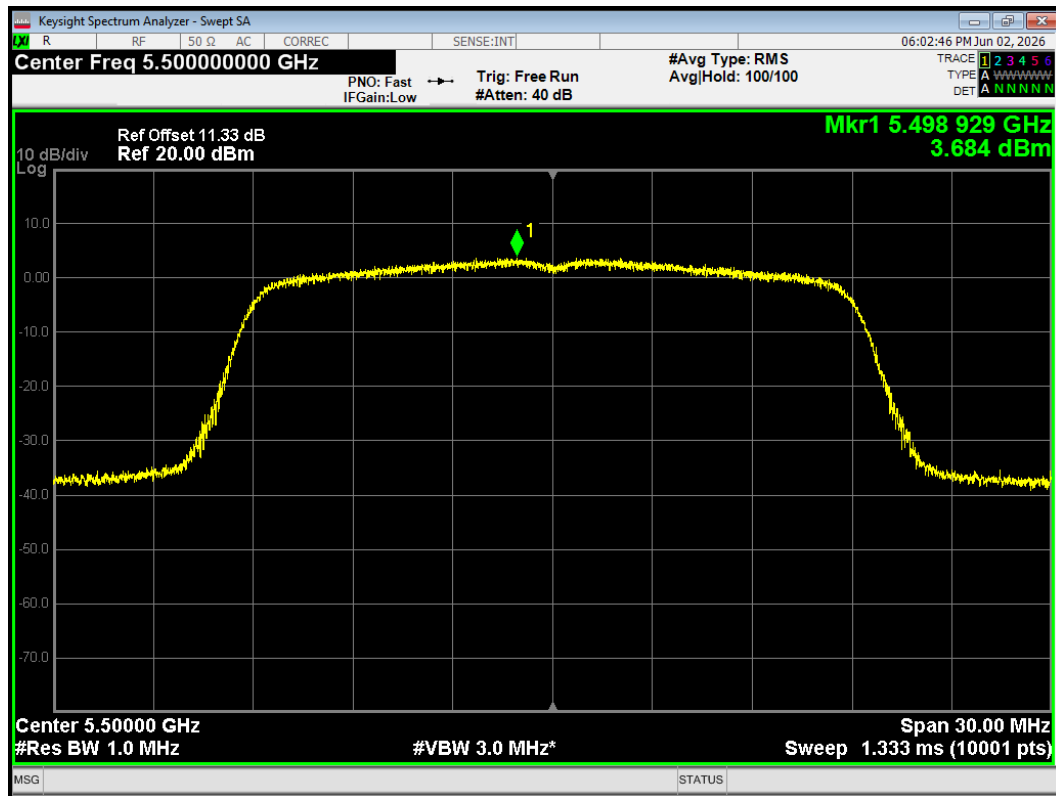
PSD 802.11a 6M 5700MHz



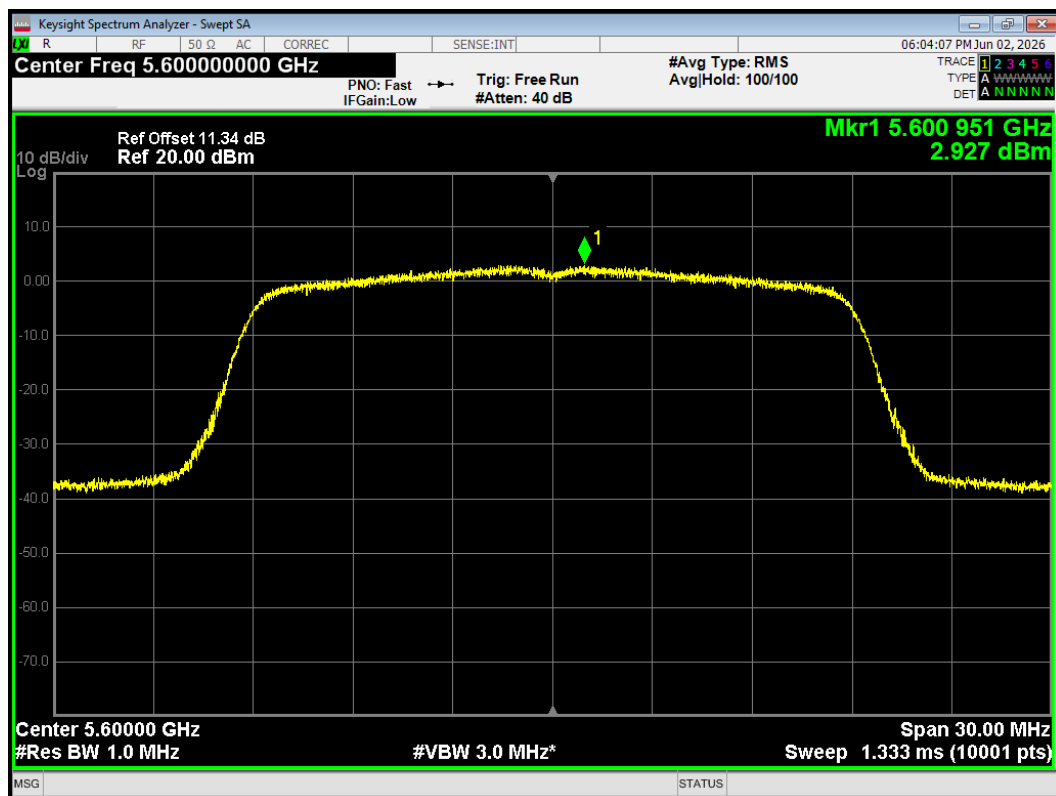
PSD 802.11a 6M 5720MHz



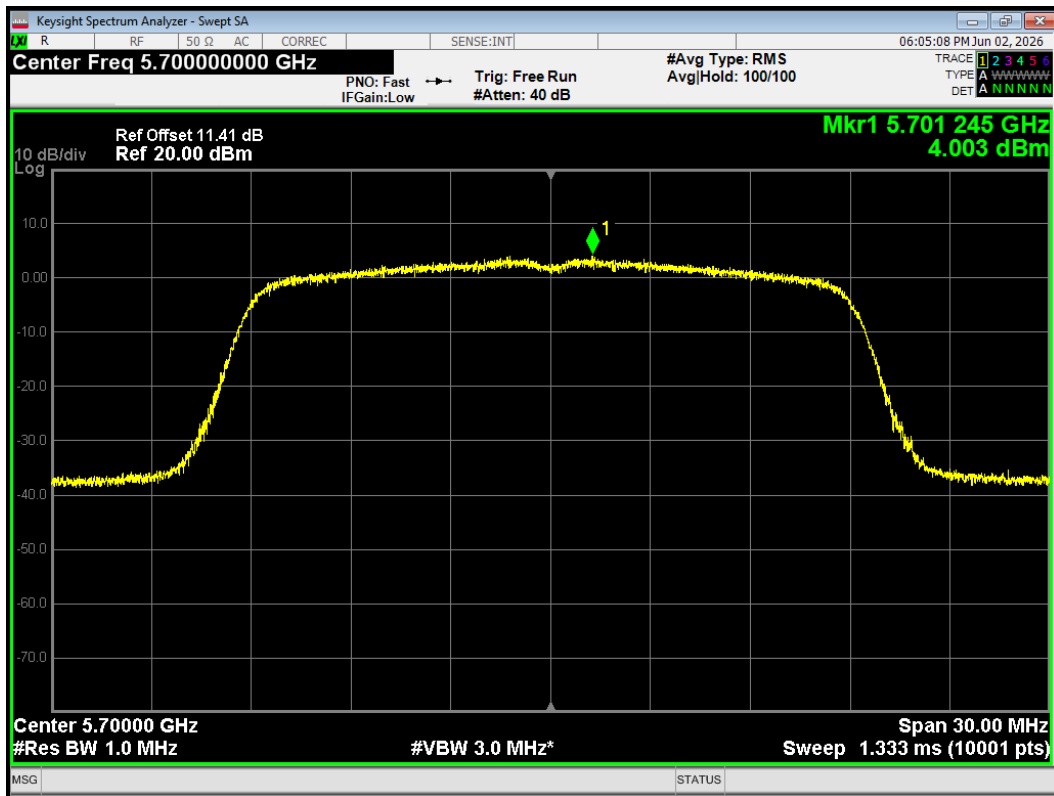
PSD 802.11ac(VHT20) 5500MHz



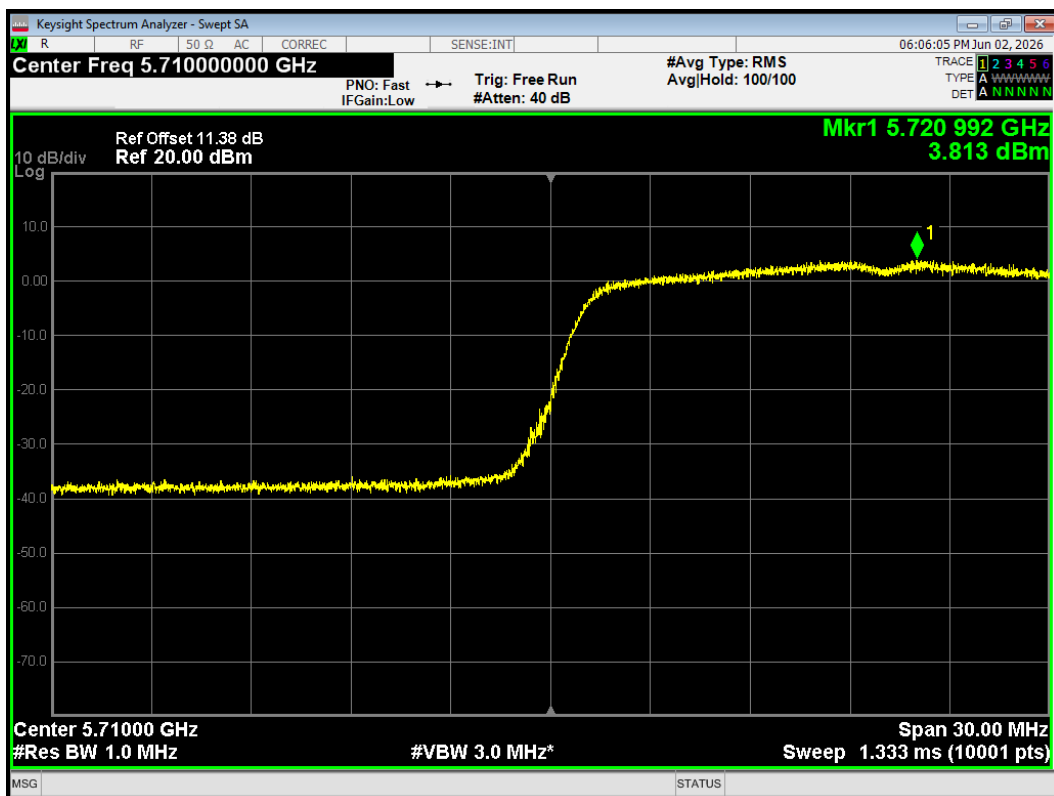
PSD 802.11ac(VHT20) 5600MHz



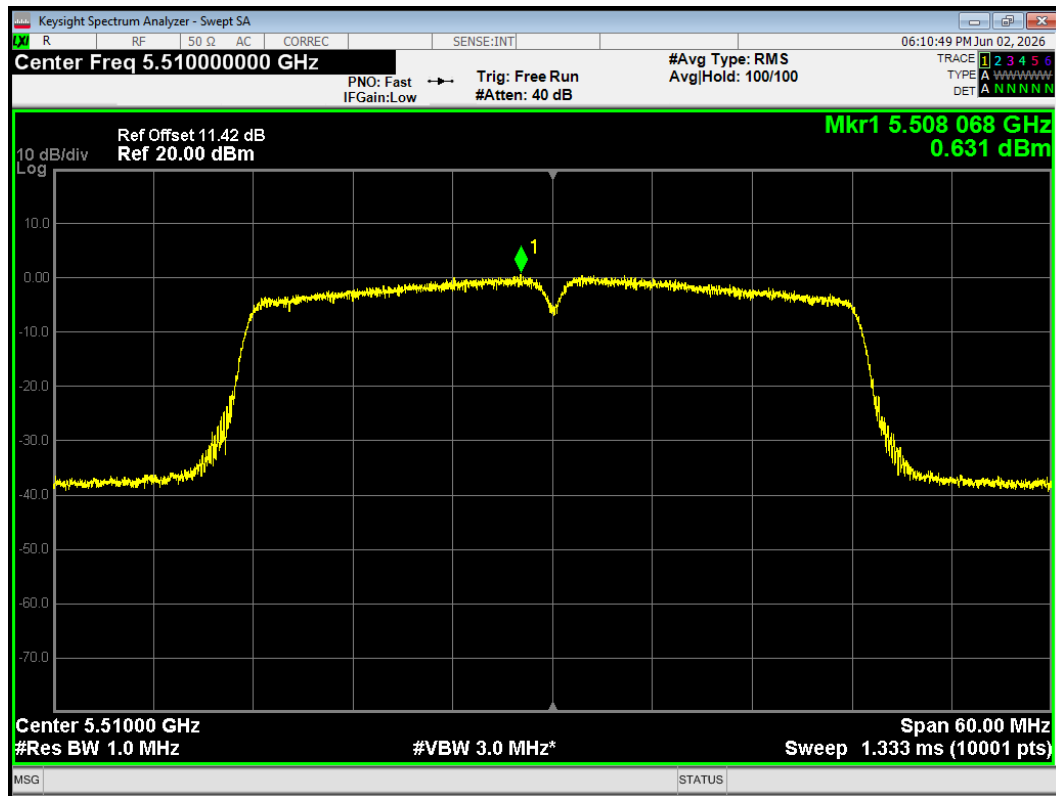
PSD 802.11ac(VHT20) 5700MHz



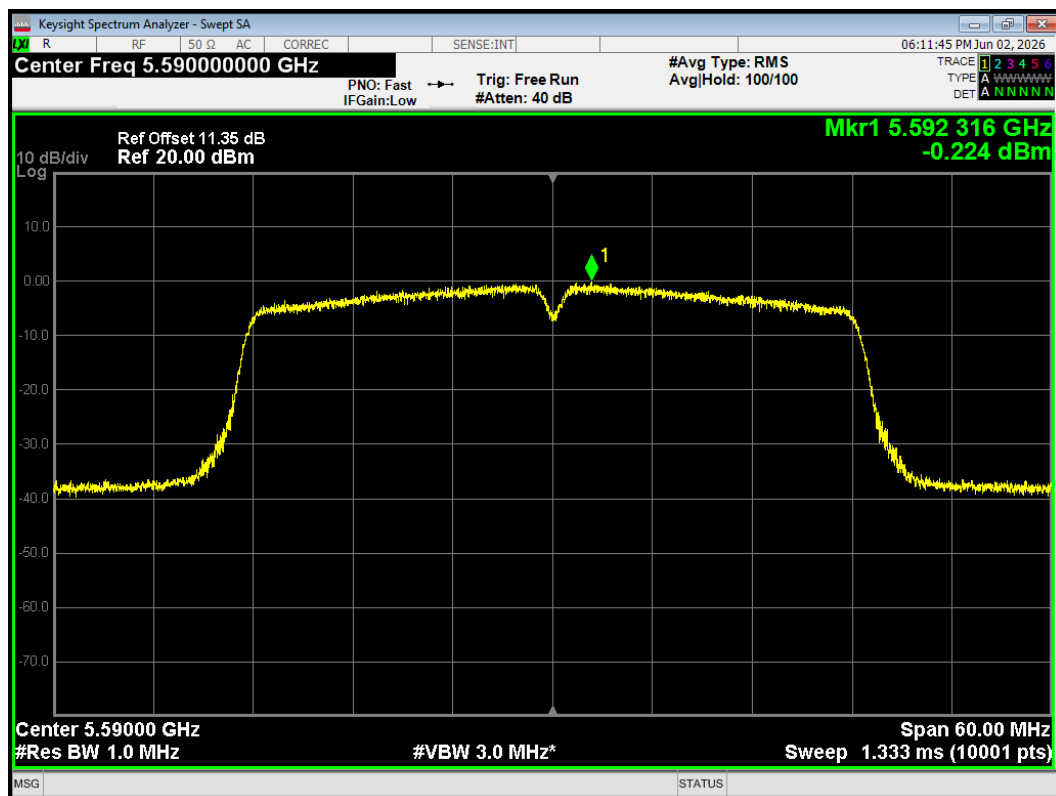
PSD 802.11ac(VHT20) 5720MHz



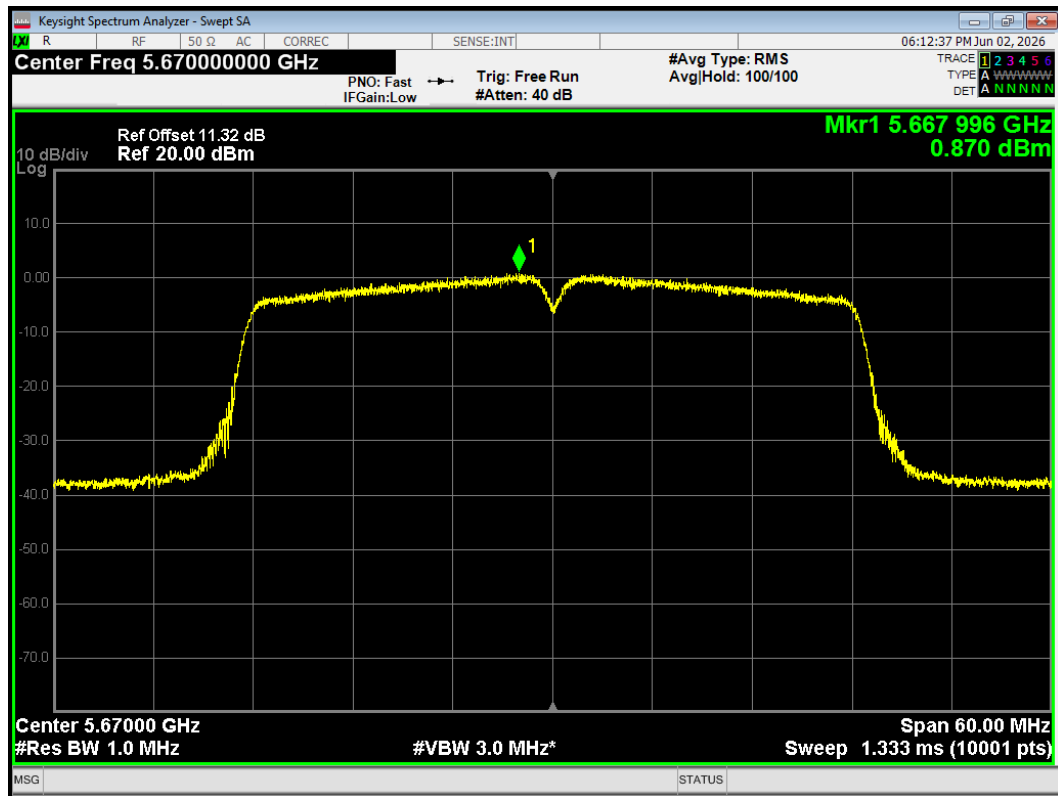
PSD 802.11ac(VHT40) 5510MHz



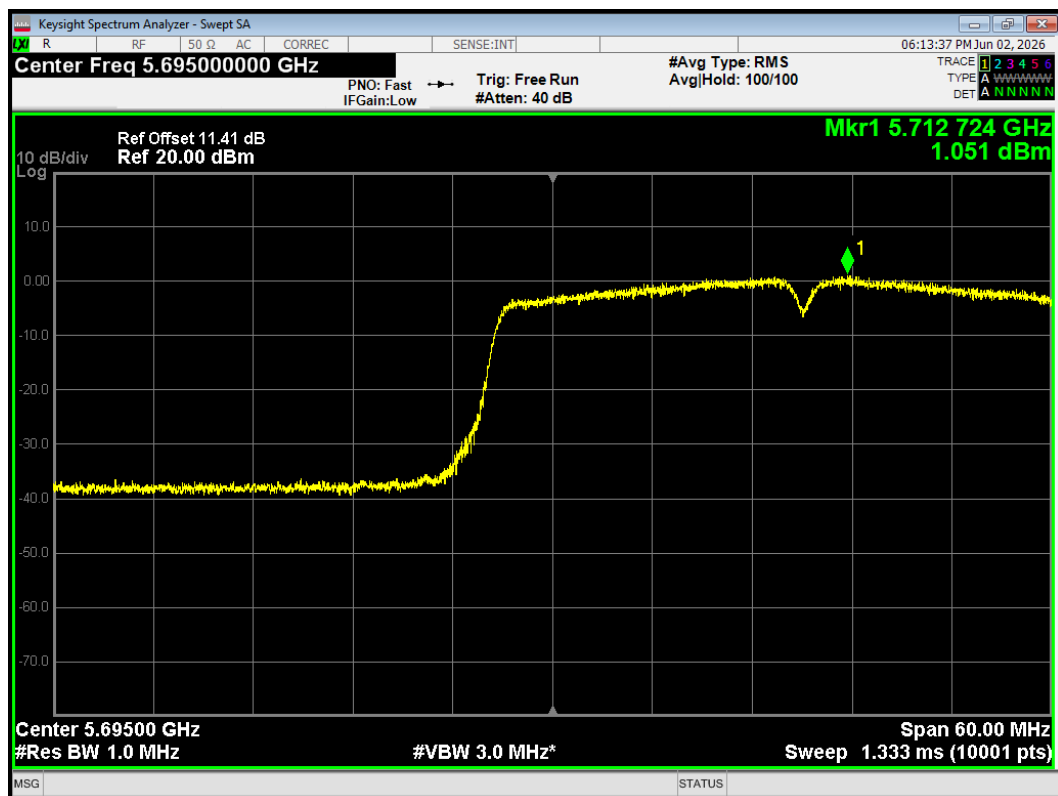
PSD 802.11ac(VHT40) 5590MHz



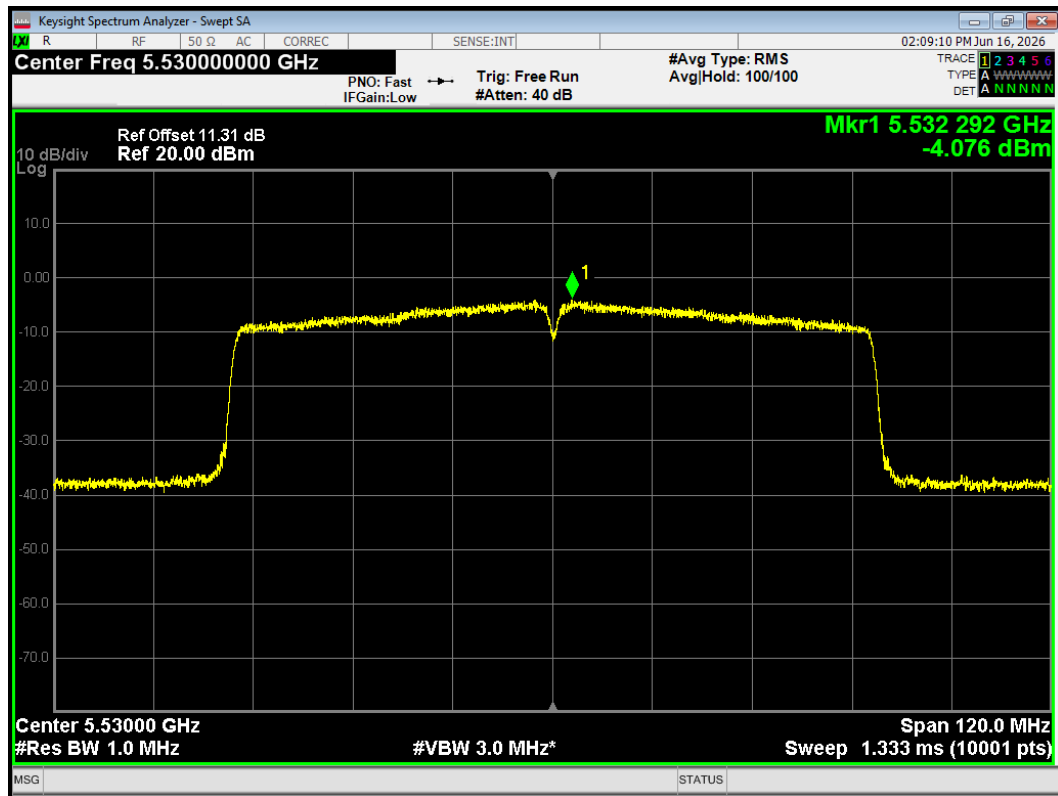
PSD 802.11ac(VHT40) 5670MHz



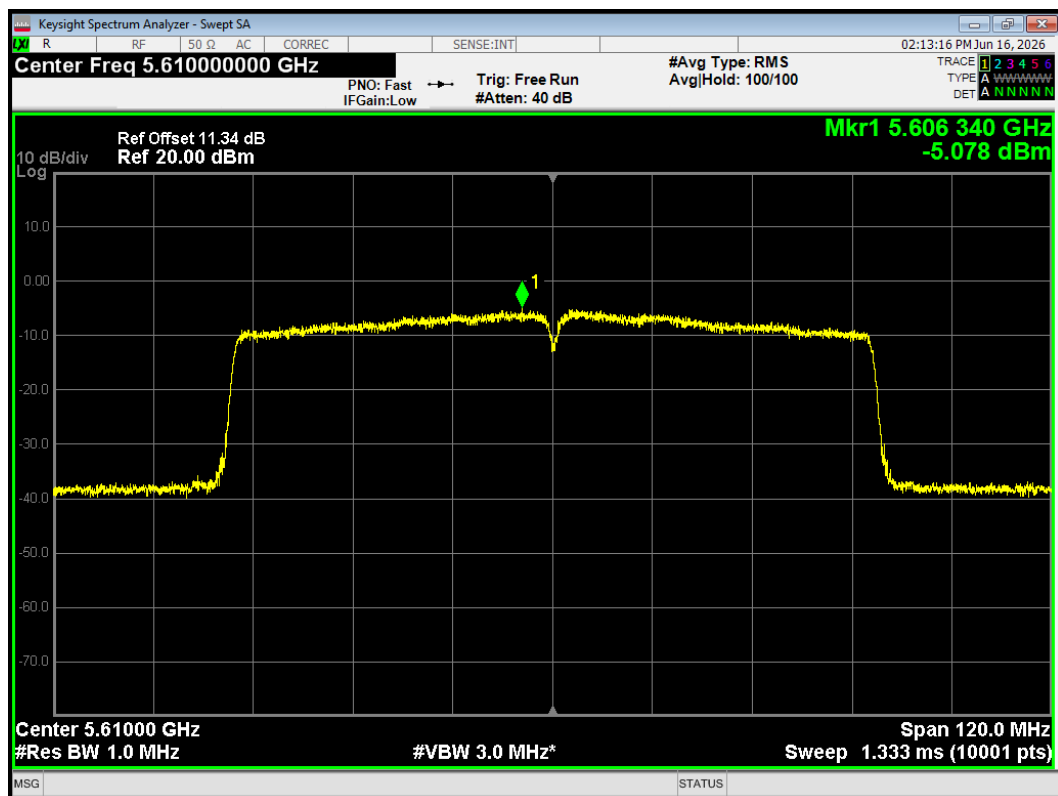
PSD 802.11ac(VHT40) 5710MHz



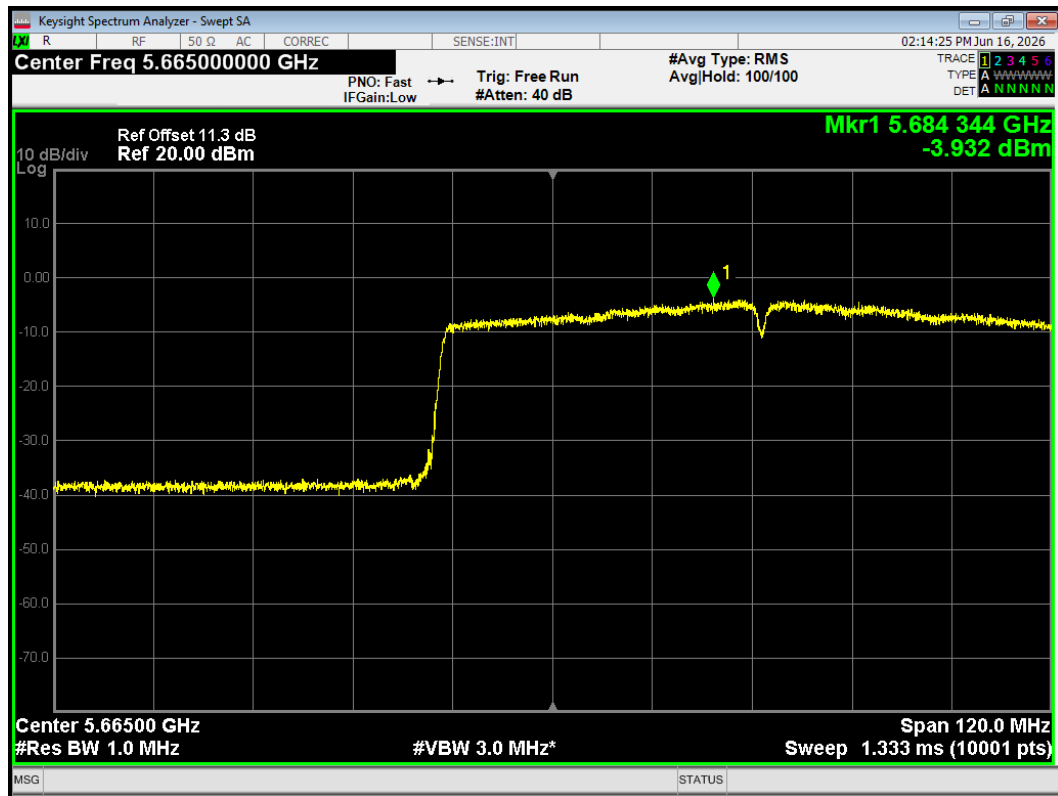
PSD 802.11ac(VHT80) 5530MHz



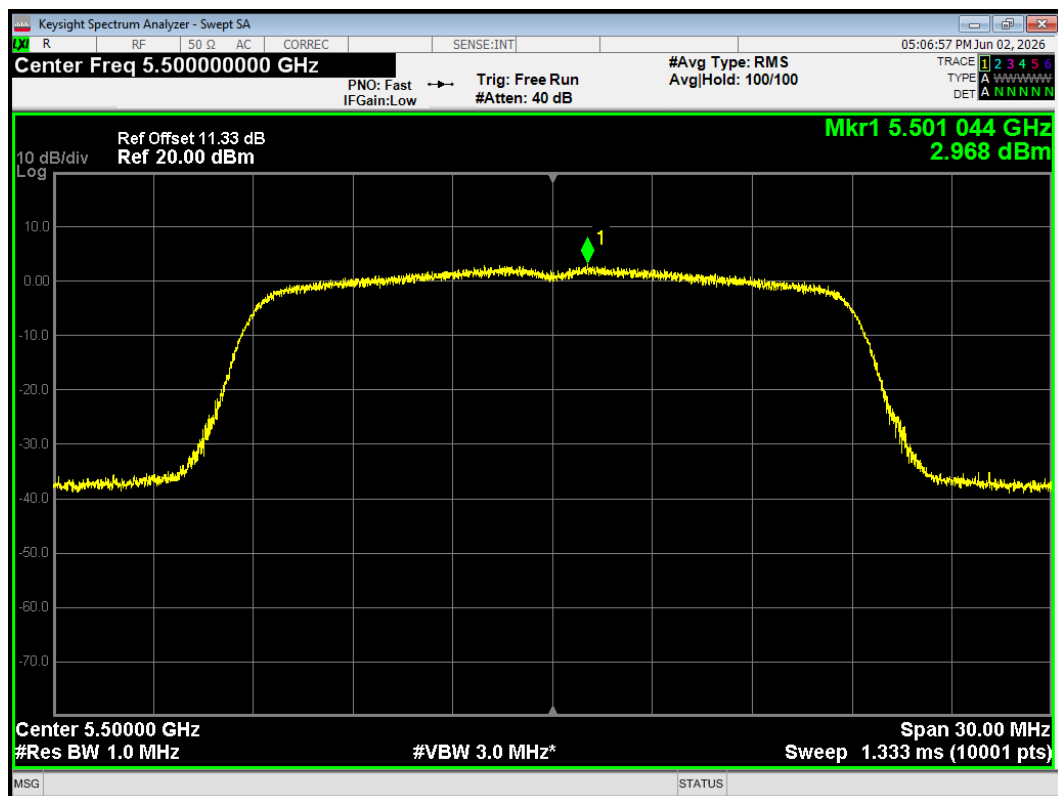
PSD 802.11ac(VHT80) 5610MHz



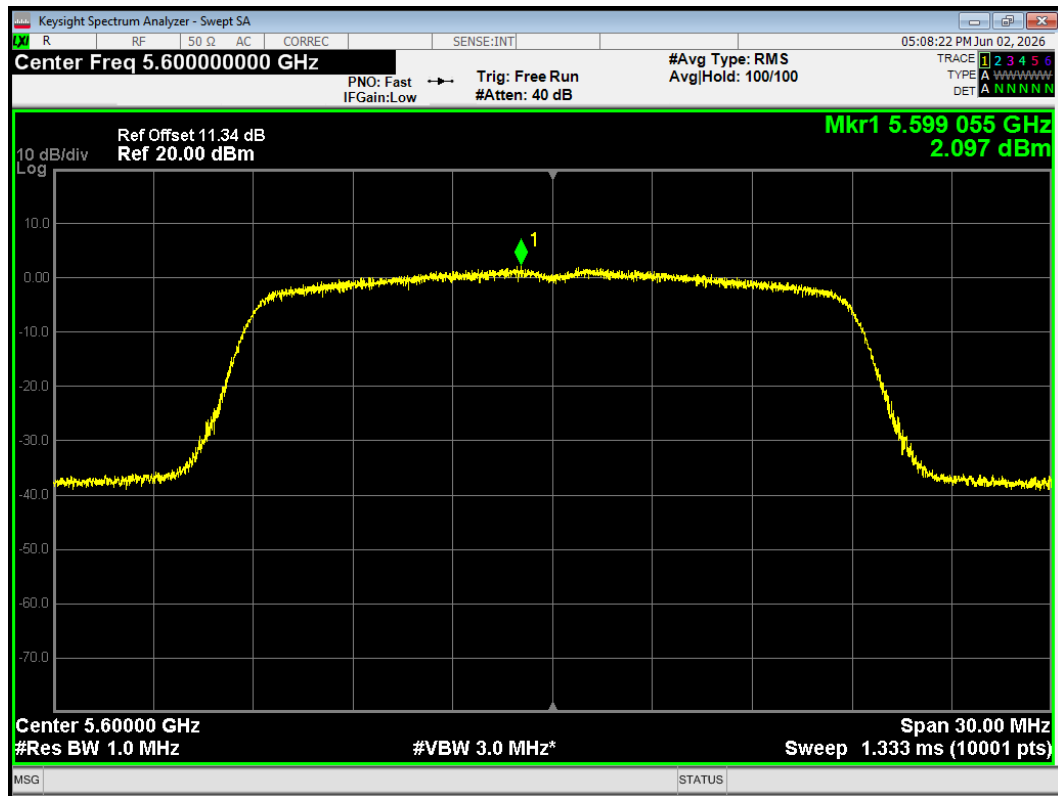
PSD 802.11ac(VHT80) 5690MHz



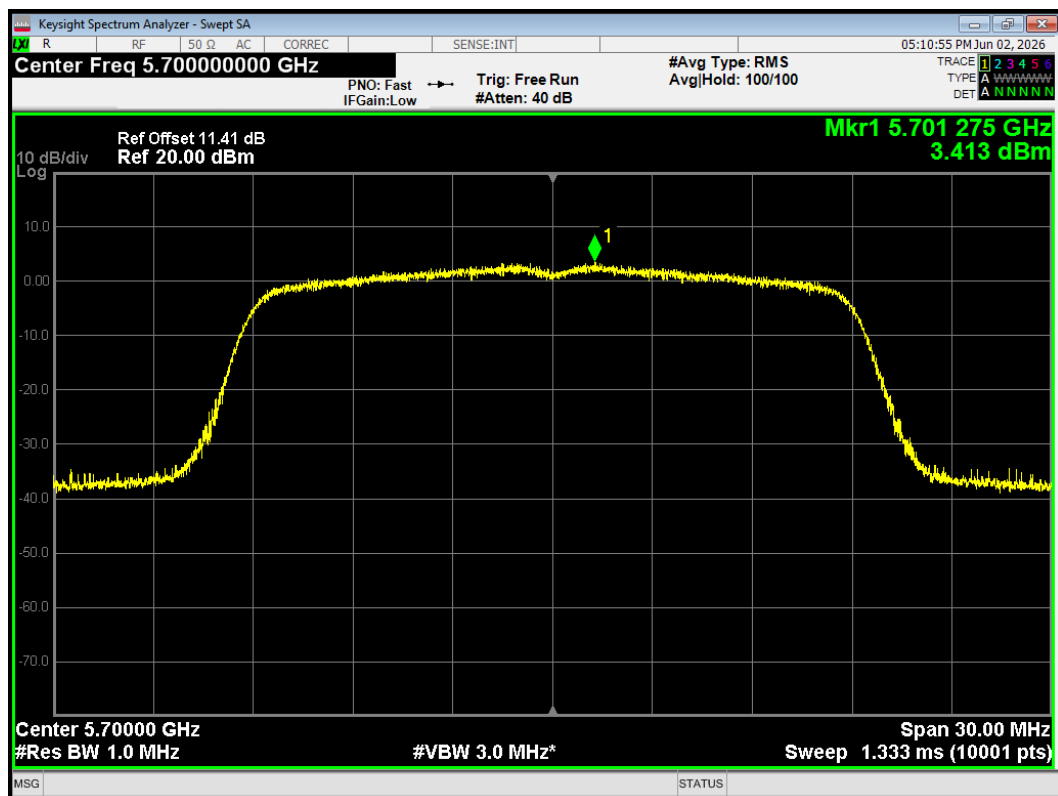
PSD 802.11n(HT20) 5500MHz



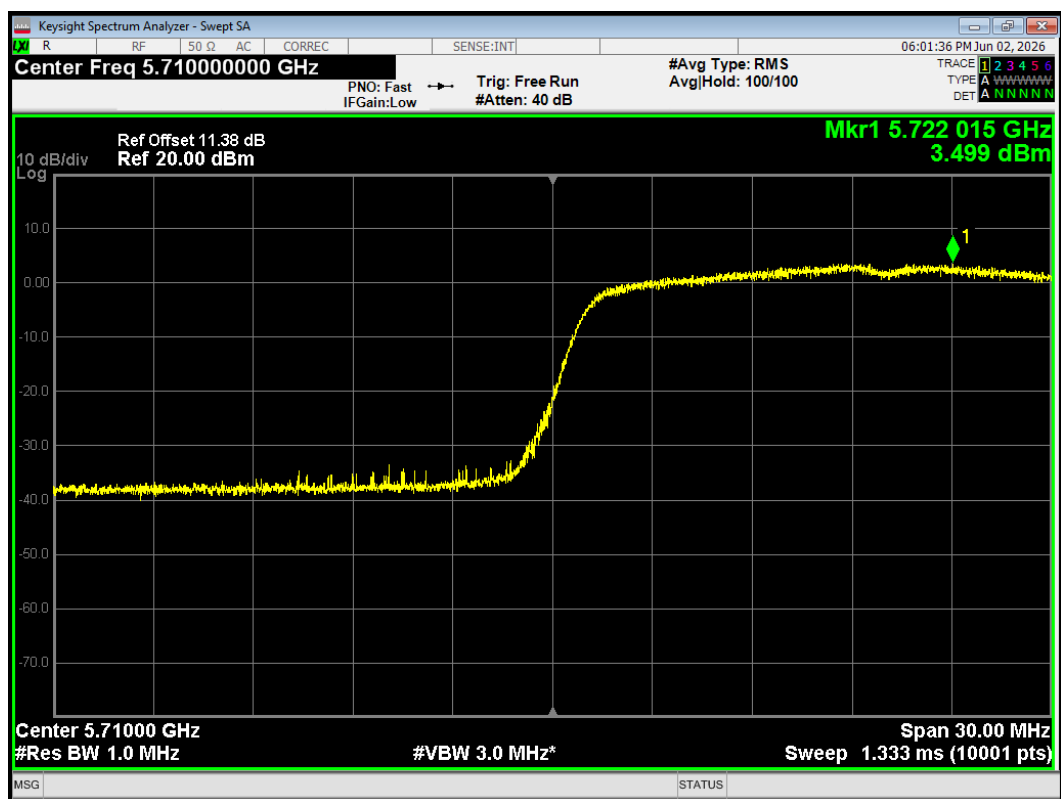
PSD 802.11n(HT20) 5600MHz



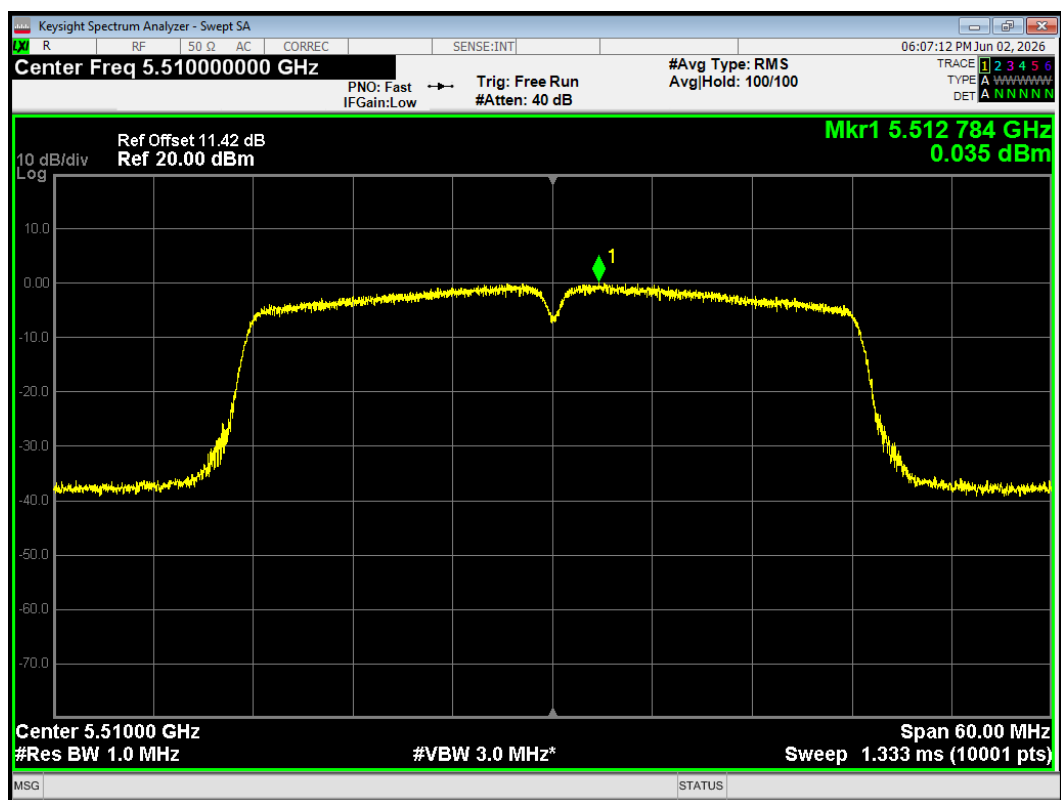
PSD 802.11n(HT20) 5700MHz



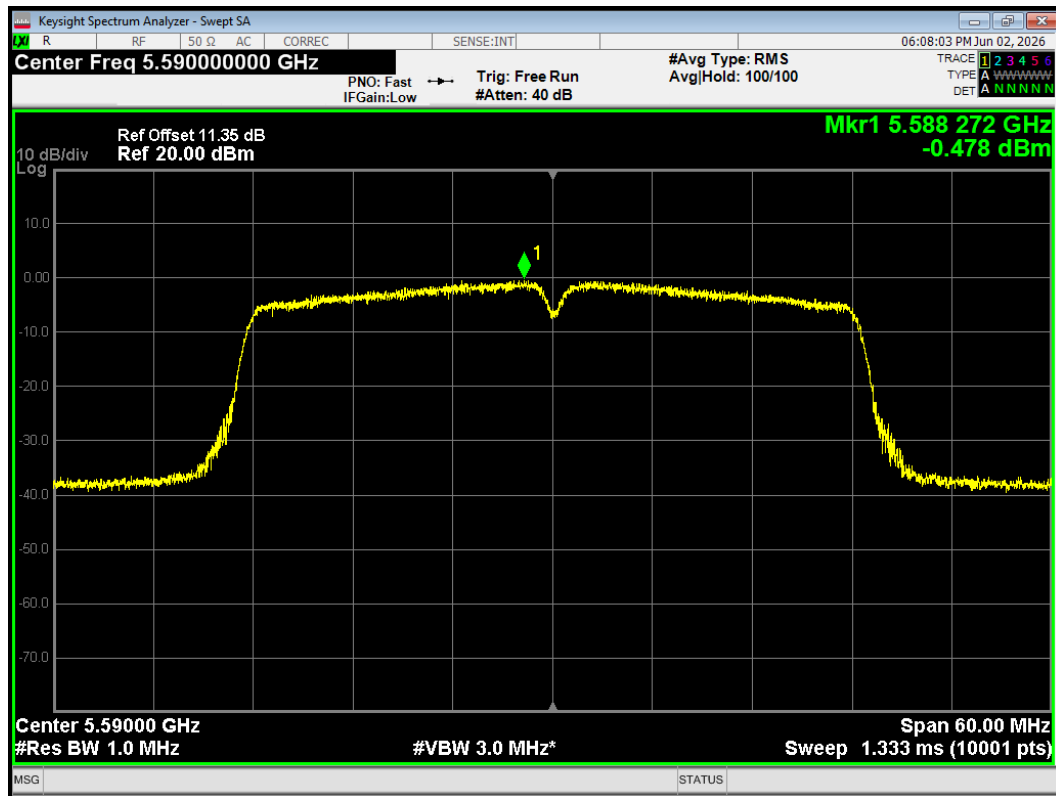
PSD 802.11n(HT20) 5720MHz



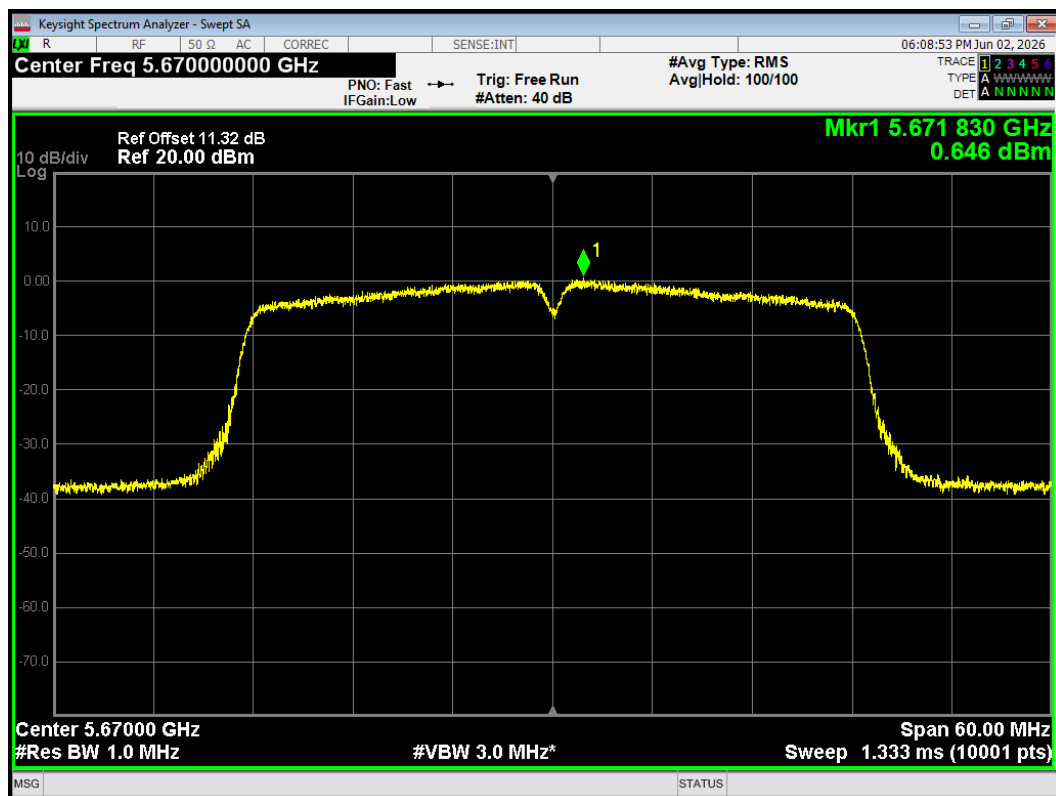
PSD 802.11n(HT40) 5510MHz



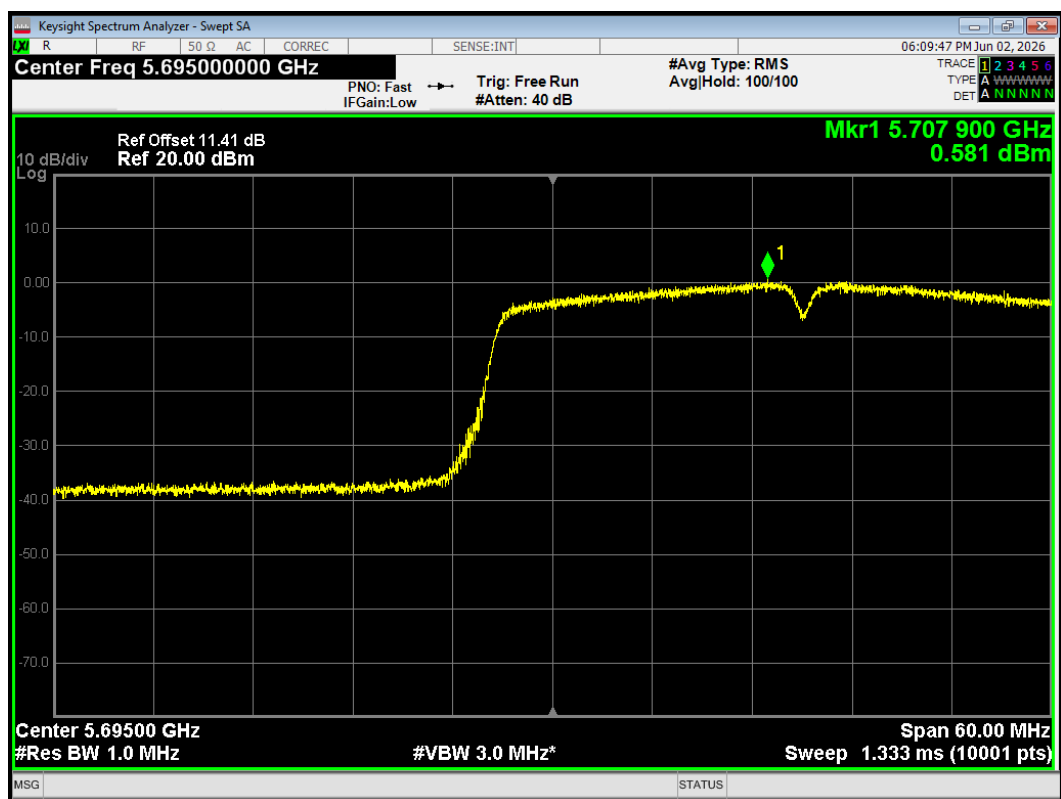
PSD 802.11n(HT40) 5590MHz



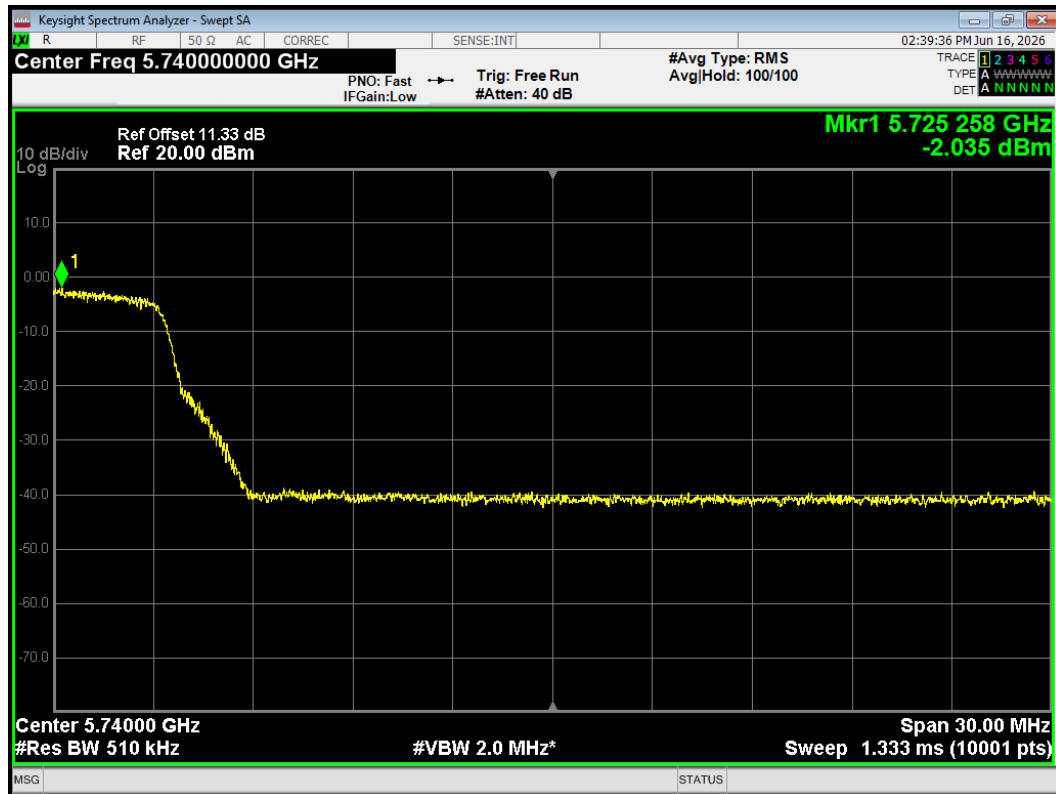
PSD 802.11n(HT40) 5670MHz



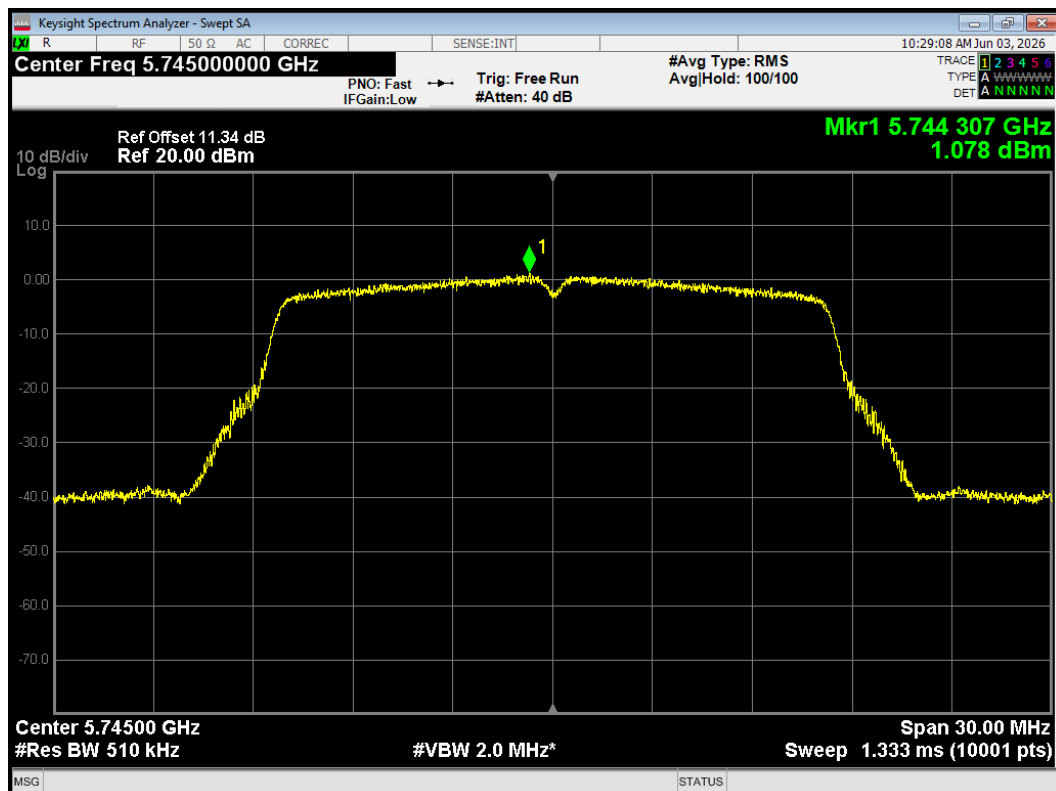
PSD 802.11n(HT40) 5710MHz



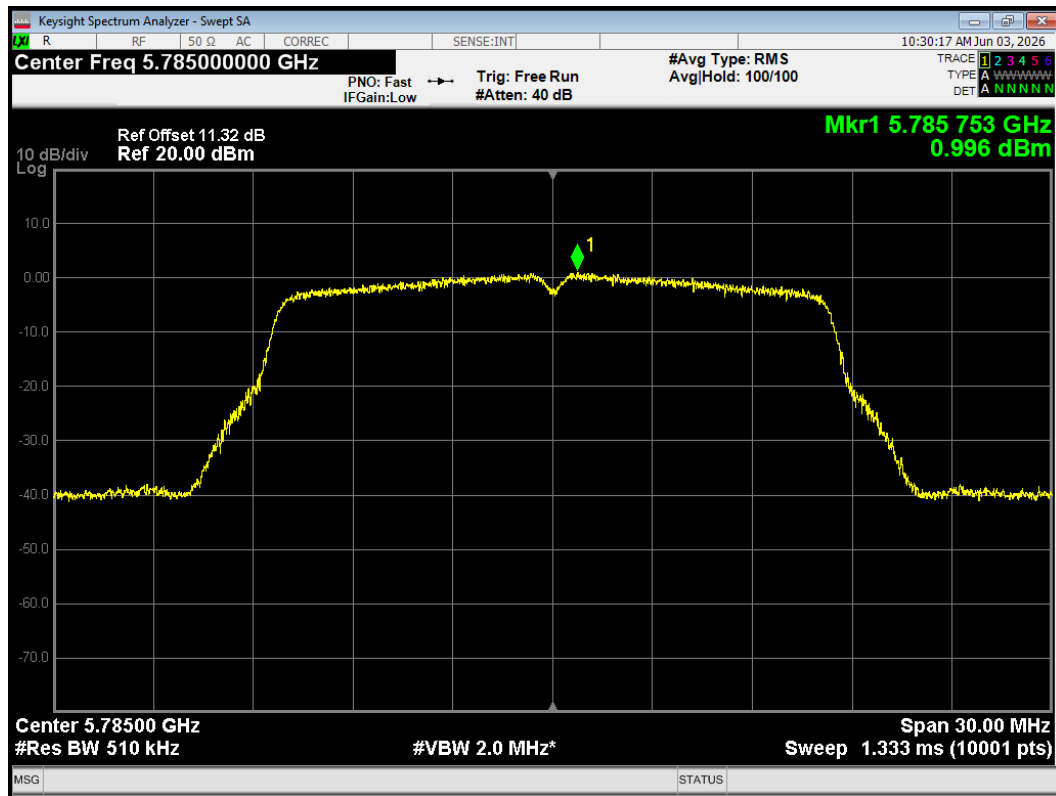
PSD 802.11a 5720MHz



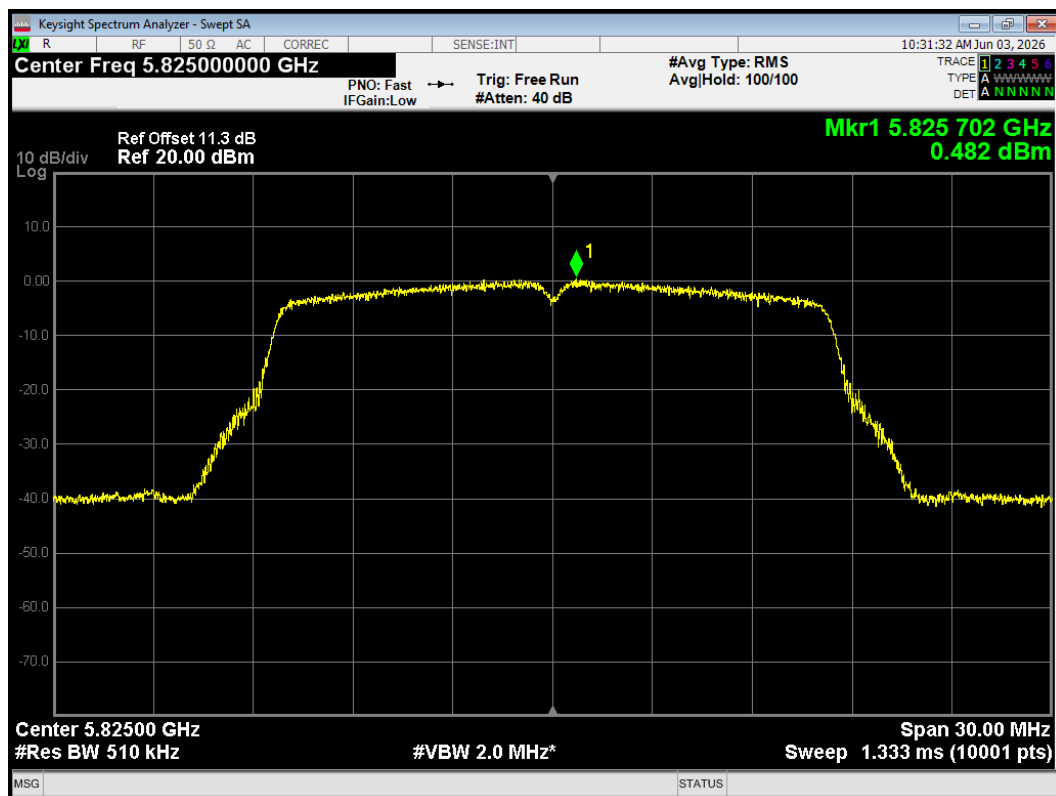
PSD 802.11a 5745MHz



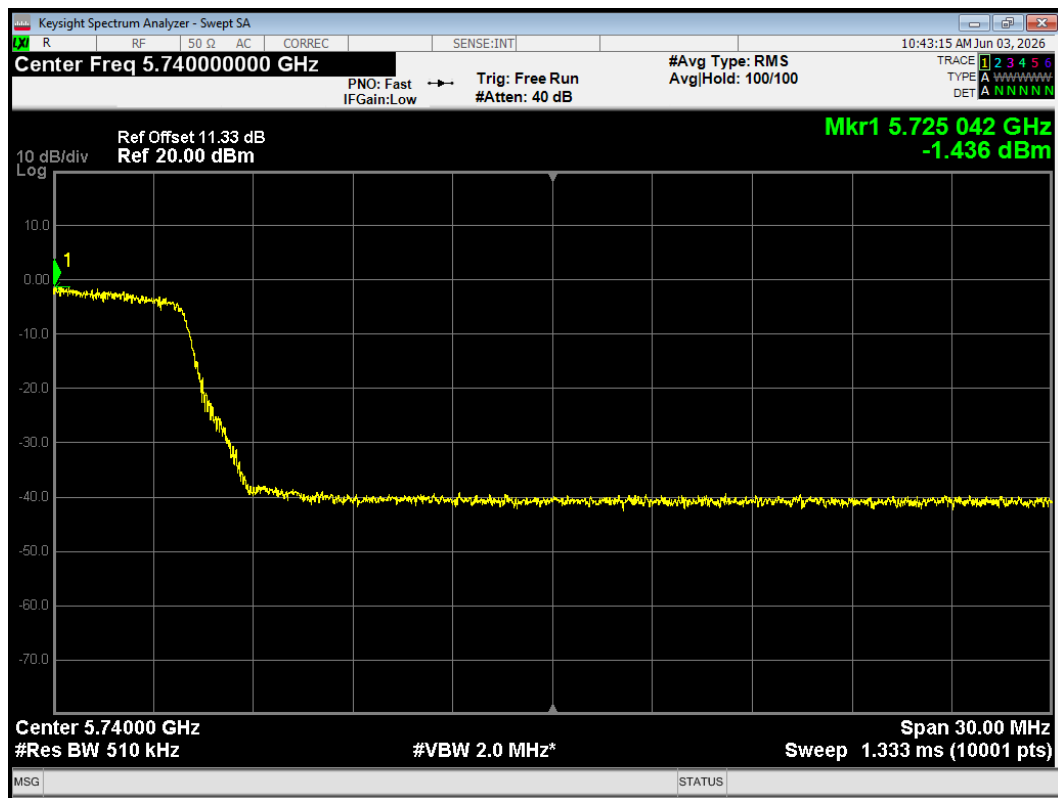
PSD 802.11a 5785MHz



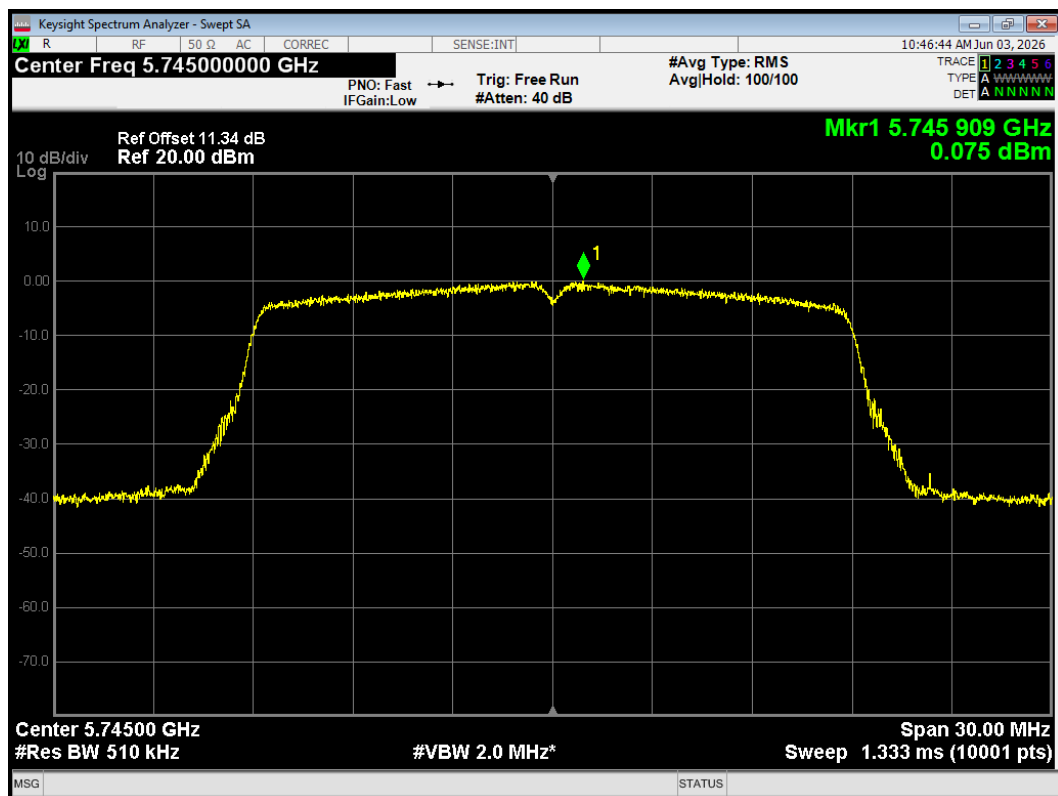
PSD 802.11a 5825MHz



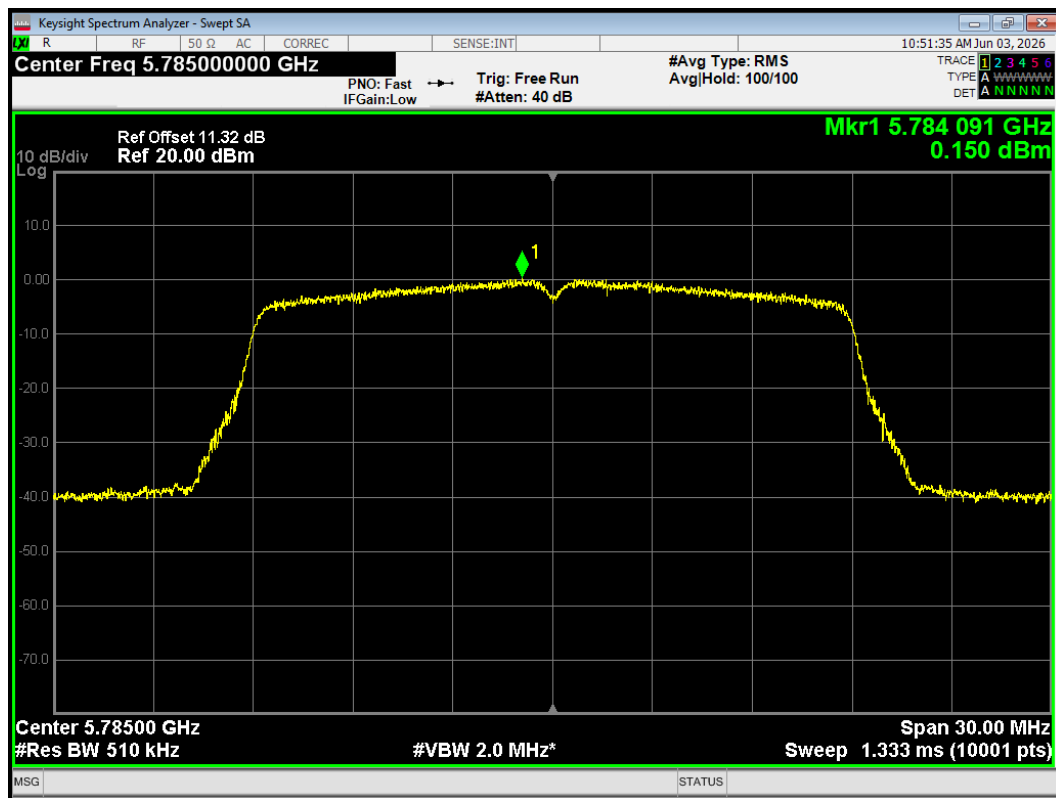
PSD 802.11ac(VHT20) 5720MHz



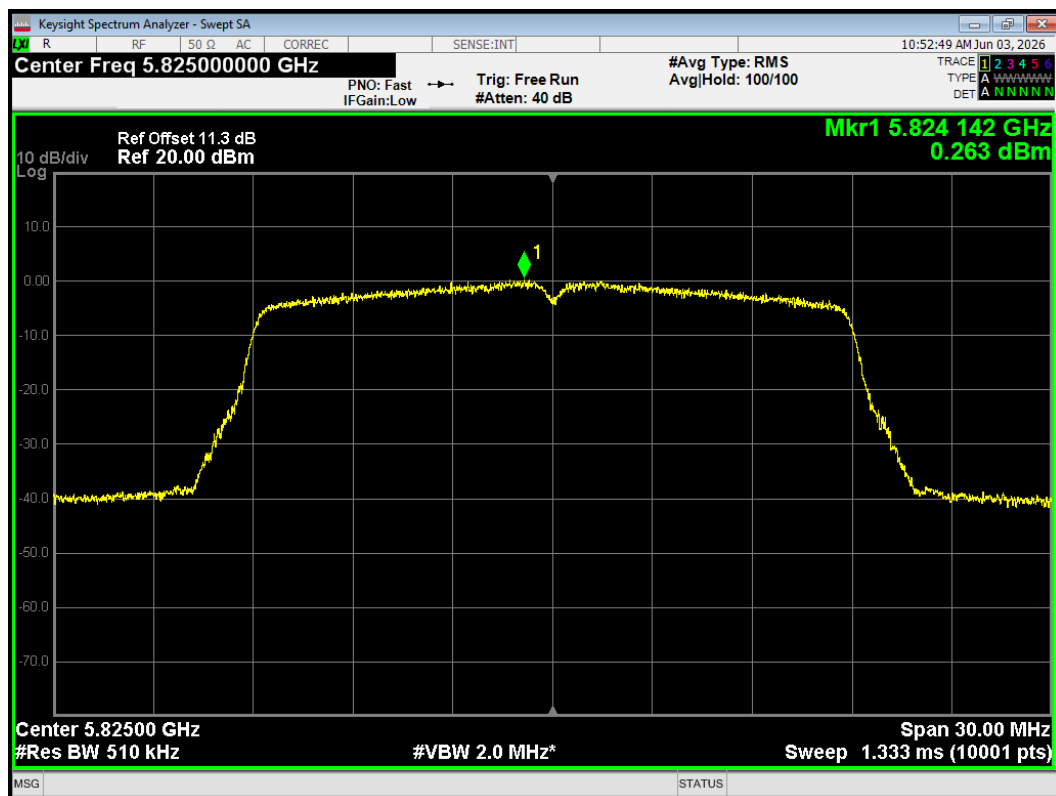
PSD 802.11ac(VHT20) 5745MHz



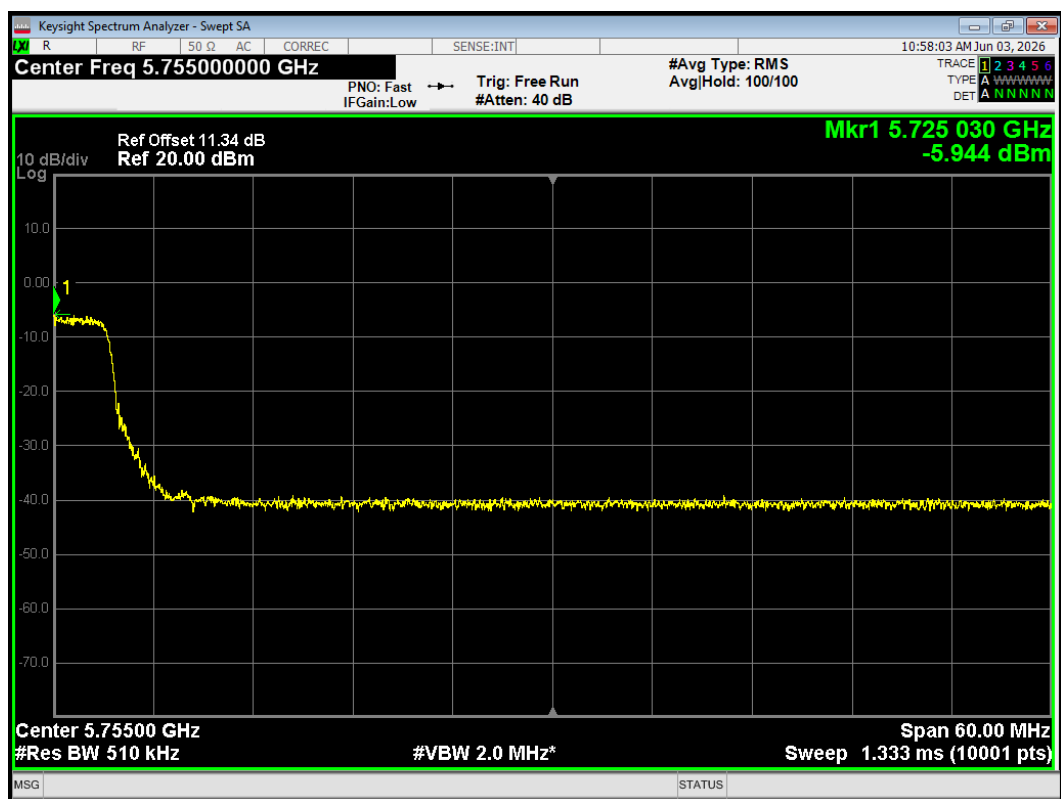
PSD 802.11ac(VHT20) 5785MHz



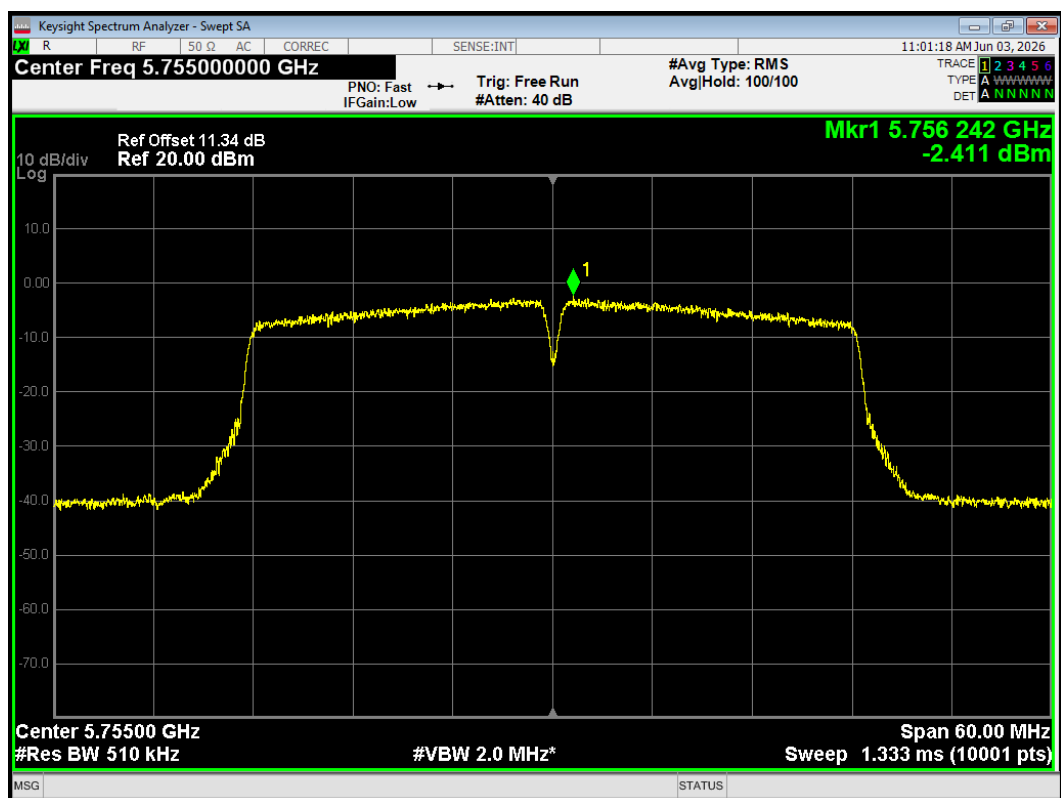
PSD 802.11ac(VHT20) 5825MHz



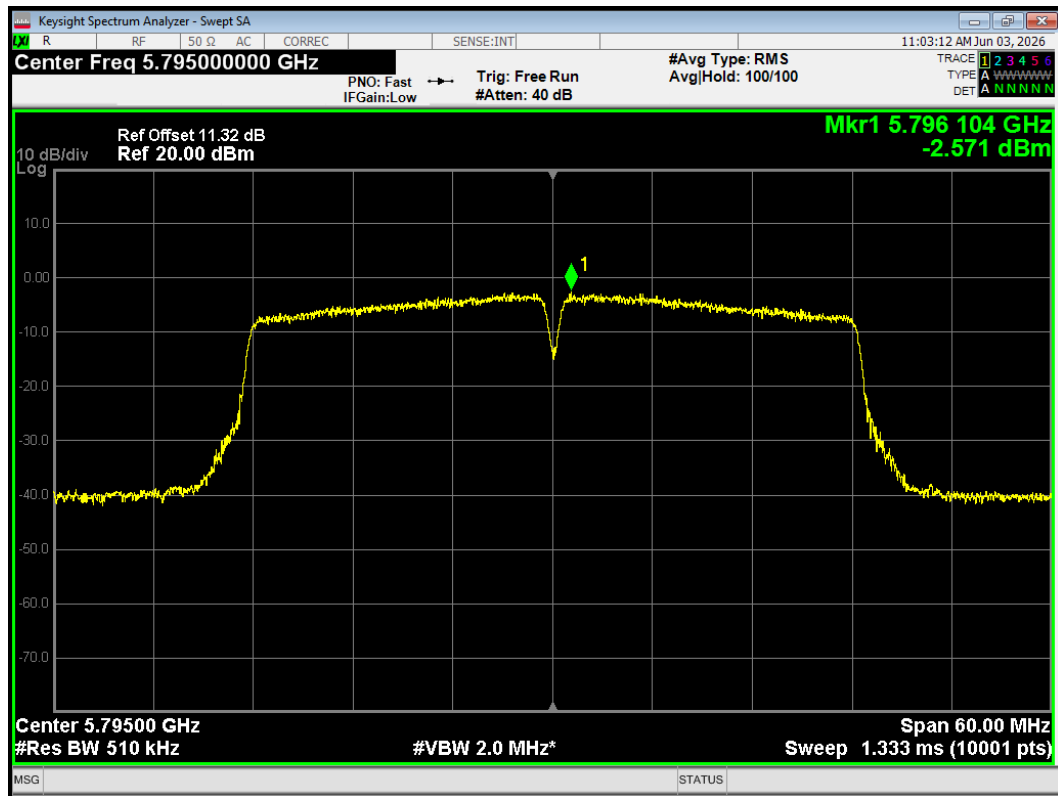
PSD 802.11ac(VHT40) 5710MHz



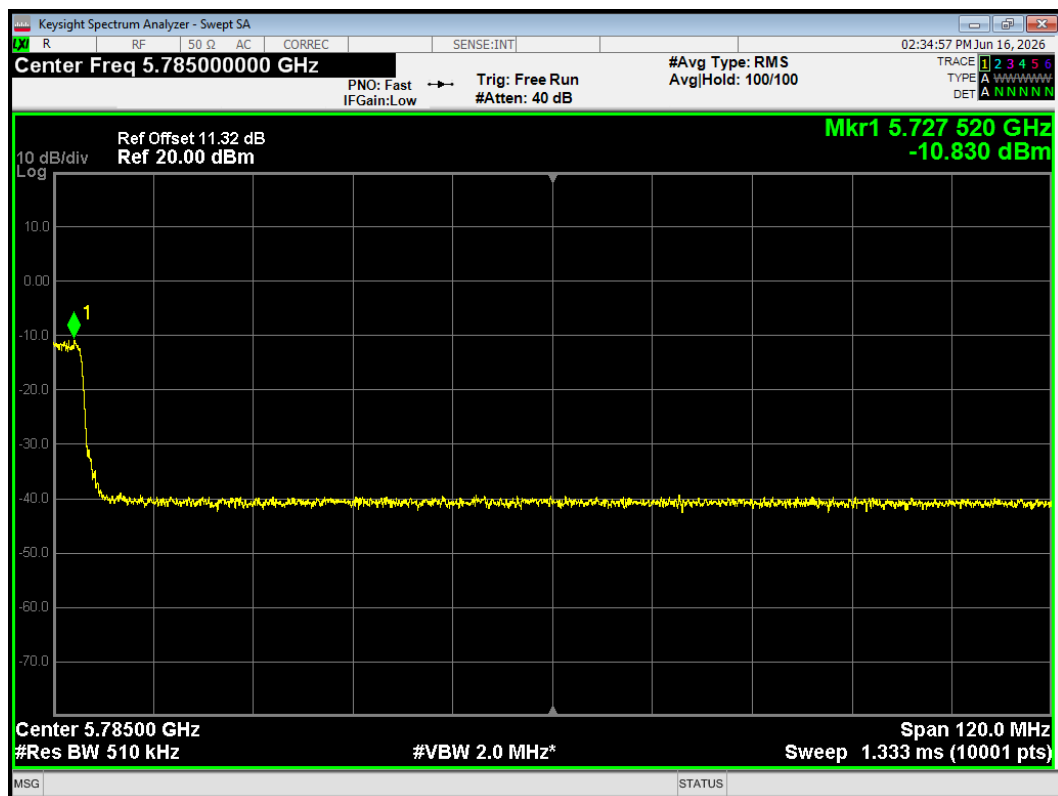
PSD 802.11ac(VHT40) 5755MHz



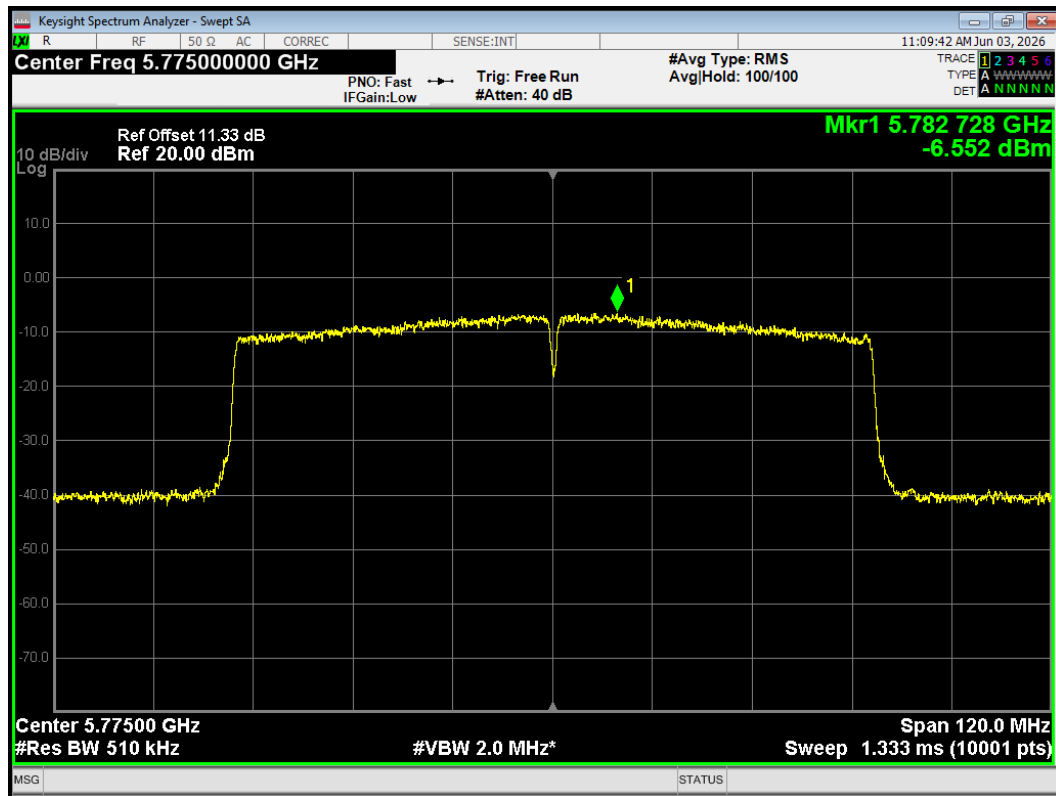
PSD 802.11ac(VHT40) 5795MHz



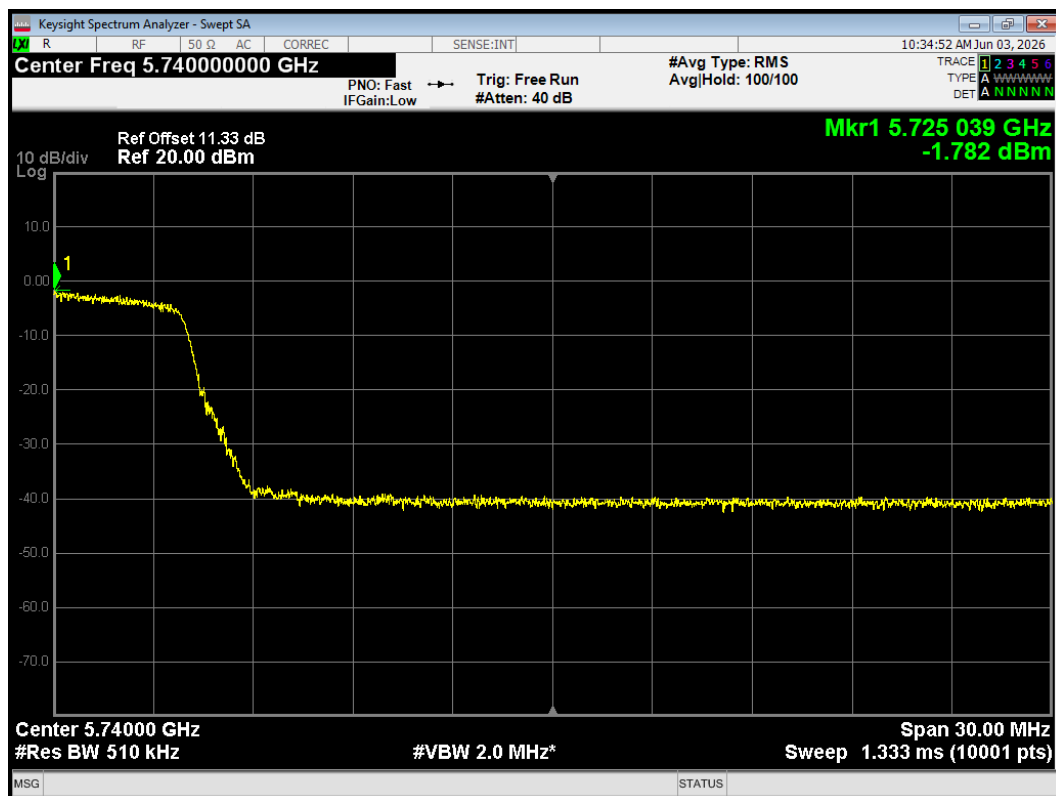
PSD 802.11ac(VHT80) 5690MHz



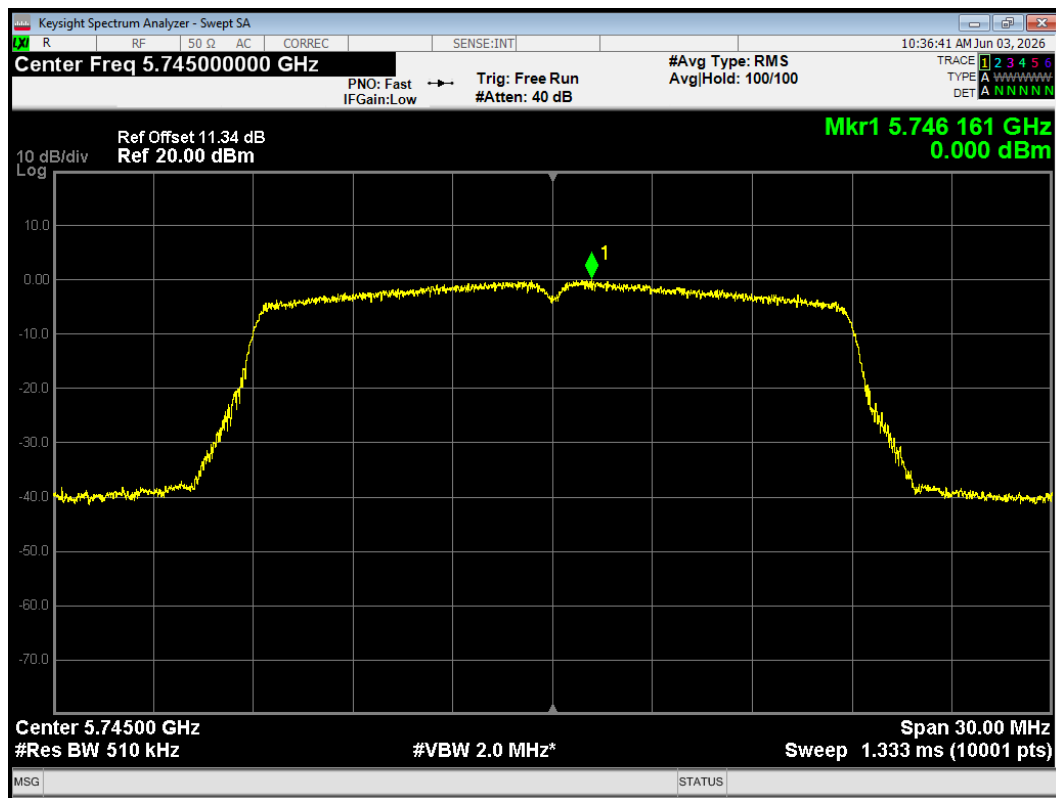
PSD 802.11ac(VHT80) 5775MHz



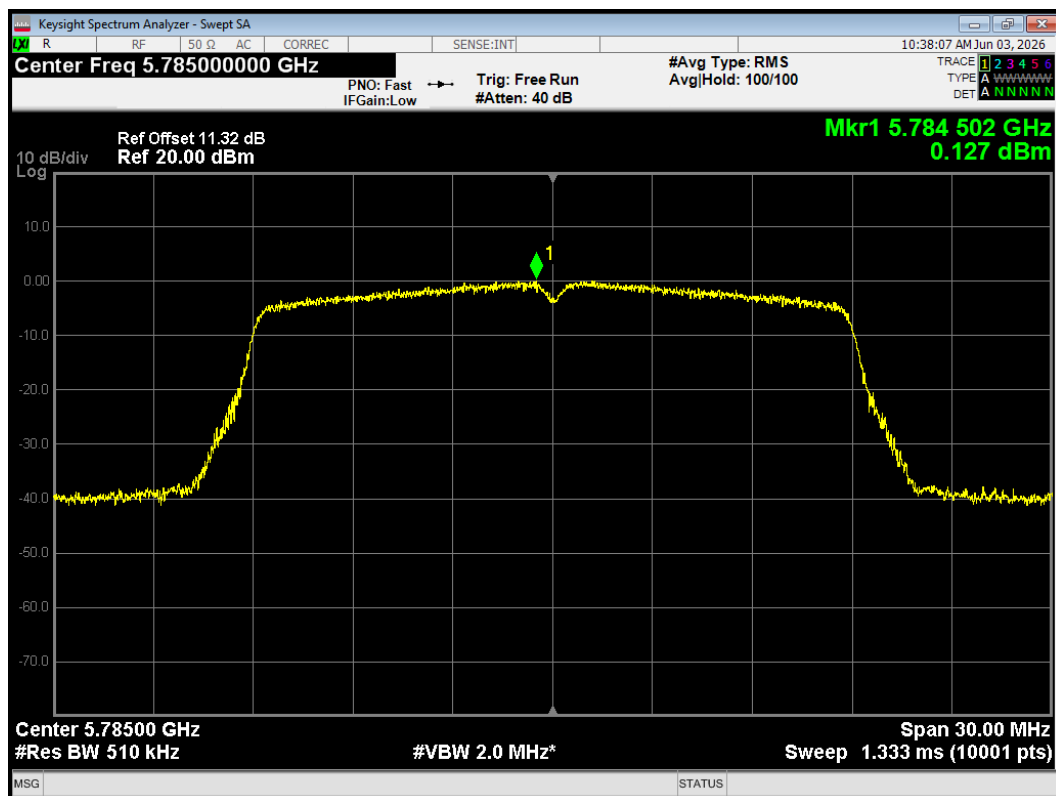
PSD 802.11n(HT20) 5720MHz



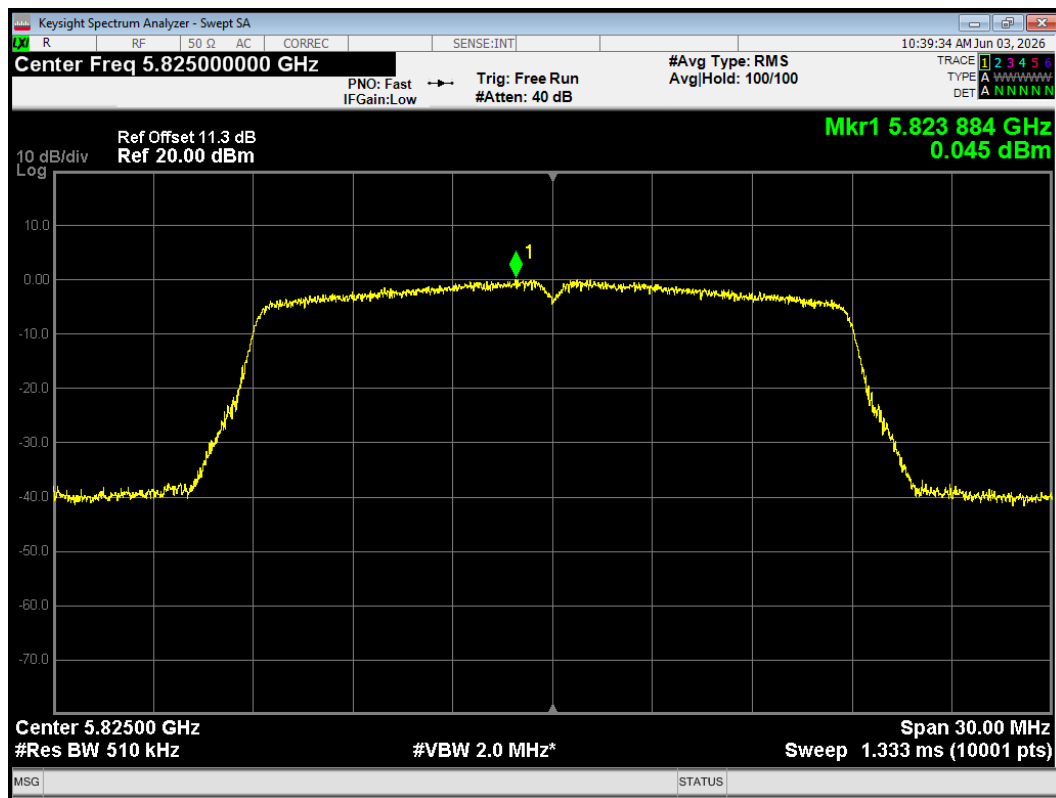
PSD 802.11n(HT20) 5745MHz



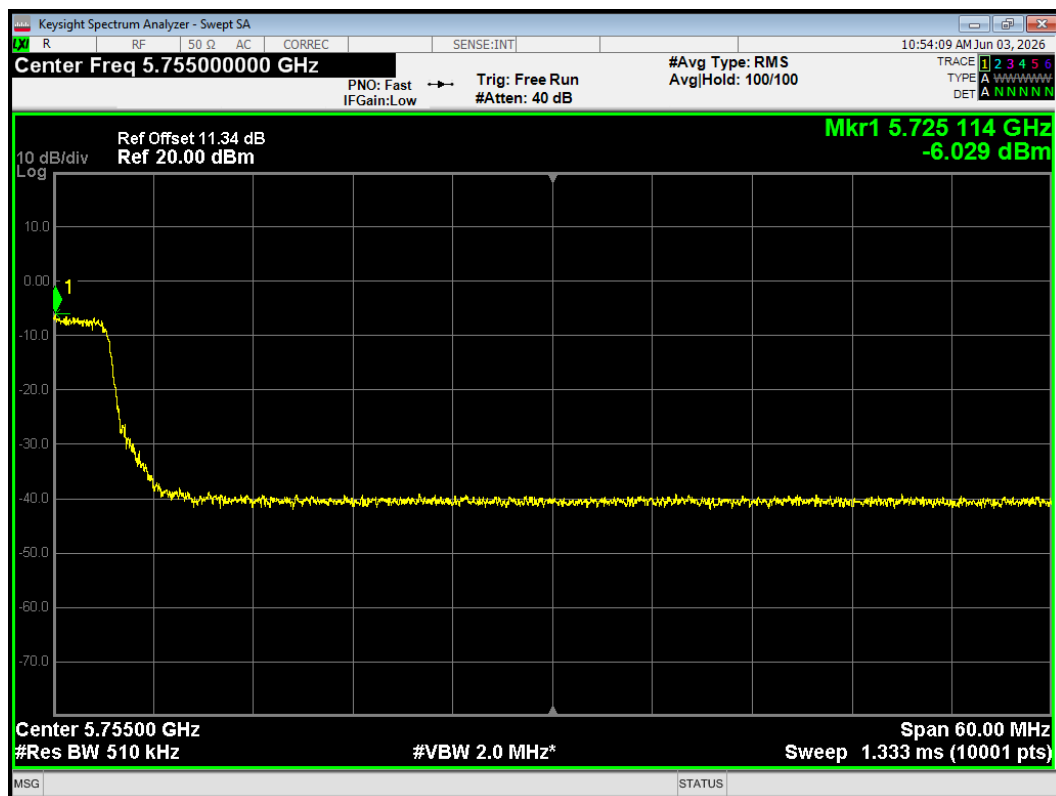
PSD 802.11n(HT20) 5785MHz



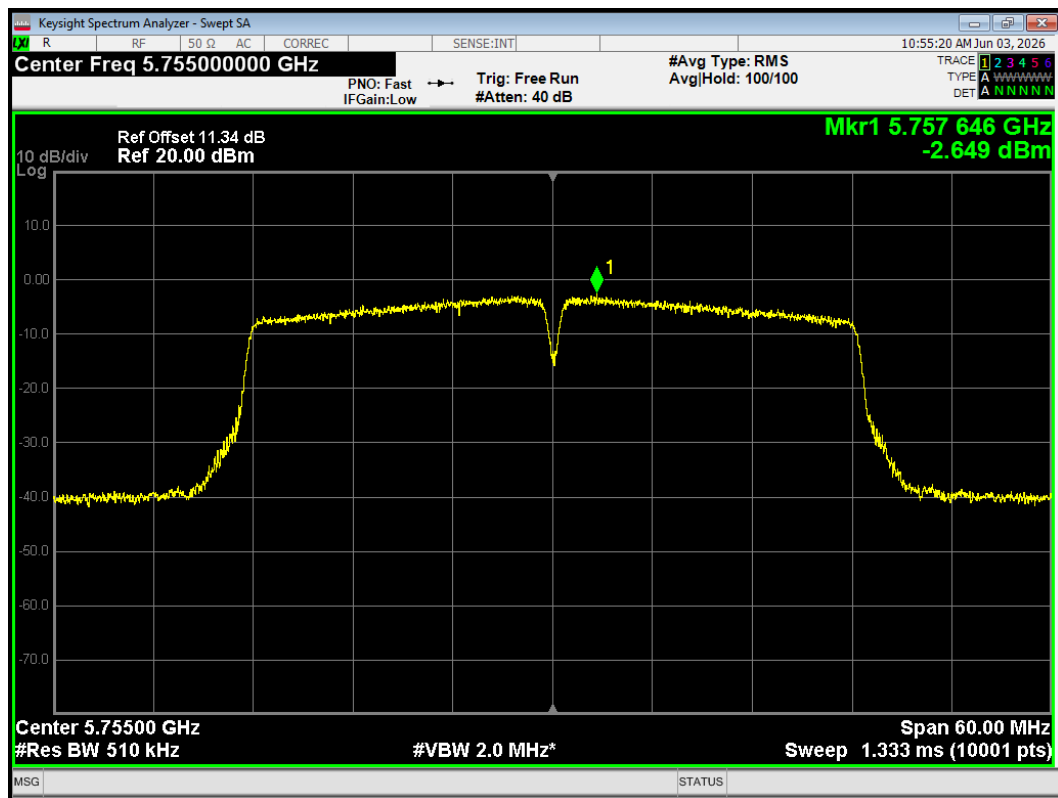
PSD 802.11n(HT20) 5825MHz



PSD 802.11n(HT40) 5710MHz



PSD 802.11n(HT40) 5755MHz



PSD 802.11n(HT40) 5795MHz



6.5. Unwanted Emission

The detailed test data see EFTA26050238-IE-02-R4-ANNEX A Test Result.

6.6. Conducted Emission

The detailed test data see EFTA26050238-IE-02-R4-ANNEX A Test Result.

7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2026-04-21	2027-04-20
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2026-04-21	2027-04-20
DC Power Supply	UNI-T	UTP1306S+	2205D0517426	2025-11-24	2026-11-23
Climate Chamber	ESPEC	SU-242	93000506	2025-11-24	2026-11-23
Attenuator	HASCO	HA18A-10	0003	/	/
EMI Test Receiver	R&S	ESR	102389	2026-04-20	2027-04-19
Signal Analyzer	R&S	FSV40	101298	2026-04-20	2027-04-19
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2026-04-12	2029-04-11
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	R&S	HF 907	102723	2023-11-24	2026-11-23
Amplifier	R&S	SCU18	10034	2026-04-20	2027-04-19
Horn Antenna	R&S	BBHA 9170	101301	2023-09-16	2026-09-15
Amplifier	MicroWave	SCU40F1	100649	2025-12-01	2026-11-30
Software	R&S	EMC32	9.26.01	/	/
Artificial main network	R&S	ENV216	102191	2025-11-24	2026-11-23
EMI Test Receiver	R&S	ESR	101667	2026-04-20	2027-04-19
Software	R&S	EMC32	10.35.10	/	/

8. The EUT Appearance

Refer to *EUT Appearance*.

9. Test Setup Photos

Refer to *Part15E Test Setup*.

***** END OF REPORT *****