Appendix D Test Data:

1.Duty_Cycle

Test Results:

Duty_Cycle,UNII-1_Antenna1							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5180	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5200	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5240	1.365	0.099	1.464	93.24	0.30
NVNT	11n20	5180	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5200	1.244	0.106	1.350	92.15	0.36
NVNT	11n20	5240	1.282	0.099	1.381	92.83	0.32
NVNT	11n40	5190	0.605	0.107	0.711	85.09	0.70
NVNT	11n40	5230	1.281	0.093	1.374	93.23	0.30
NVNT	11ac20	5180	1.272	0.106	1.378	92.31	0.35
NVNT	11ac20	5200	1.284	0.096	1.381	92.98	0.32
NVNT	11ac20	5240	1.282	0.099	1.381	92.83	0.32
NVNT	11ac40	5190	0.611	0.103	0.714	85.57	0.68
NVNT	11ac40	5230	0.608	0.107	0.714	85.15	0.70
NVNT	11ac80	5210	0.300	0.122	0.422	71.09	1.48
NVNT	11ax20	5180	0.993	0.099	1.092	90.93	0.41
NVNT	11ax20	5200	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5240	0.993	0.099	1.092	90.93	0.41
NVNT	11ax40	5190	0.495	0.113	0.608	81.41	0.89
NVNT	11ax40	5230	0.495	0.113	0.608	81.41	0.89
NVNT	11ax80	5210	0.258	0.114	0.372	69.35	1.59

Duty_Cycle,UNII-2A_Antenna 1							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5260	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5300	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5320	1.368	0.096	1.464	93.44	0.29
NVNT	11n20	5260	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5300	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5320	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5270	0.636	0.100	0.736	86.41	0.63
NVNT	11n40	5310	0.636	0.098	0.734	86.65	0.62
NVNT	11ac20	5260	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5300	1.284	0.096	1.381	92.98	0.32
NVNT	11ac20	5320	1.282	0.099	1.381	92.83	0.32
NVNT	11ac40	5270	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5310	0.640	0.100	0.739	86.60	0.62
NVNT	11ac80	5290	0.323	0.096	0.419	77.09	1.13
NVNT	11ax20	5260	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5300	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5320	0.993	0.096	1.089	91.18	0.40
NVNT	11ax40	5270	0.524	0.099	0.623	84.11	0.75
NVNT	11ax40	5310	0.523	0.100	0.623	83.95	0.76
NVNT	11ax80	5290	0.282	0.101	0.383	73.63	1.33

Duty_Cycle,UNII-2C_Antenna 1							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5500	1.366	0.099	1.464	93.31	0.30
NVNT	11a20	5580	1.365	0.099	1.464	93.24	0.30
NVNT	11a20	5700	1.368	0.096	1.464	93.44	0.29
NVNT	11n20	5500	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5580	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5700	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5510	0.636	0.100	0.736	86.41	0.63
NVNT	11n40	5550	0.628	0.100	0.727	86.38	0.64
NVNT	11n40	5670	0.636	0.100	0.736	86.41	0.63
NVNT	11ac20	5500	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5580	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5700	1.282	0.096	1.378	93.03	0.31
NVNT	11ac40	5510	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5550	0.641	0.100	0.740	86.62	0.62
NVNT	11ac40	5670	0.640	0.100	0.739	86.60	0.62

NVNT	11ac80	5530	0.319	0.101	0.420	75.95	1.19
NVNT	11ac80	5610	0.319	0.100	0.419	76.13	1.18
NVNT	11ax20	5500	0.991	0.099	1.089	91.00	0.41
NVNT	11ax20	5580	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5700	0.993	0.099	1.092	90.93	0.41
NVNT	11ax40	5510	0.524	0.099	0.623	84.11	0.75
NVNT	11ax40	5550	0.523	0.100	0.623	83.95	0.76
NVNT	11ax40	5670	0.507	0.100	0.607	83.53	0.78
NVNT	11ax80	5530	0.282	0.101	0.383	73.63	1.33
NVNT	11ax80	5610	0.282	0.100	0.383	73.63	1.33

Duty_Cycle,UNII-3_Antenna 1							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5745	1.365	0.096	1.462	93.37	0.30
NVNT	11a20	5785	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5825	1.366	0.099	1.464	93.31	0.30
NVNT	11n20	5745	1.269	0.096	1.365	92.97	0.32
NVNT	11n20	5785	1.269	0.099	1.368	92.76	0.33
NVNT	11n20	5825	1.269	0.099	1.368	92.76	0.33
NVNT	11n40	5755	0.605	0.107	0.711	85.09	0.70
NVNT	11n40	5795	1.288	0.099	1.387	92.86	0.32
NVNT	11ac20	5745	1.272	0.099	1.371	92.78	0.33
NVNT	11ac20	5785	1.274	0.096	1.371	92.92	0.32
NVNT	11ac20	5825	1.272	0.099	1.370	92.85	0.32
NVNT	11ac40	5755	0.611	0.107	0.718	85.10	0.70
NVNT	11ac40	5795	0.611	0.103	0.714	85.57	0.68
NVNT	11ac80	5775	0.300	0.118	0.418	71.77	1.44
NVNT	11ax20	5745	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5785	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5825	0.991	0.099	1.089	91.00	0.41
NVNT	11ax40	5755	0.523	0.100	0.623	83.95	0.76
NVNT	11ax40	5795	0.523	0.100	0.623	83.95	0.76
NVNT	11ax80	5775	0.258	0.110	0.369	69.92	1.55

Duty_Cycle,UNII-1 _Antenna2							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5180	1.365	0.099	1.464	93.24	0.30
NVNT	11a20	5200	1.365	0.099	1.464	93.24	0.30
NVNT	11a20	5240	1.366	0.096	1.462	93.43	0.29
NVNT	11n20	5180	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5200	1.277	0.099	1.376	92.81	0.32
NVNT	11n20	5240	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5190	0.636	0.098	0.734	86.65	0.62
NVNT	11n40	5230	0.636	0.100	0.736	86.41	0.63
NVNT	11ac20	5180	1.282	0.099	1.381	92.83	0.32
NVNT	11ac20	5200	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5240	1.282	0.096	1.378	93.03	0.31
NVNT	11ac40	5190	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5230	0.640	0.100	0.739	86.60	0.62
NVNT	11ac80	5210	0.320	0.099	0.419	76.37	1.17
NVNT	11ax20	5180	0.136	0.101	0.237	57.38	2.41
NVNT	11ax20	5200	0.136	0.101	0.236	57.63	2.39
NVNT	11ax20	5240	0.137	0.100	0.237	57.81	2.38
NVNT	11ax40	5190	0.102	0.097	0.200	77.00	0.76
NVNT	11ax40	5230	0.105	0.095	0.200	52.50	2.80
NVNT	11ax80	5210	0.138	0.099	0.237	58.23	2.35

Duty_Cycle,UNII-2A_Antenna2							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5260	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5300	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5320	1.368	0.096	1.464	93.44	0.29
NVNT	11n20	5260	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5300	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5320	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5270	1.279	0.096	1.376	92.95	0.00
NVNT	11n40	5310	0.636	0.100	0.736	86.41	0.63
NVNT	11ac20	5260	1.284	0.096	1.381	92.98	0.32
NVNT	11ac20	5300	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5320	1.282	0.096	1.378	93.03	0.31

NVNT	11ac40	5270	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5310	0.640	0.100	0.739	86.60	0.62
NVNT	11ac80	5290	0.320	0.099	0.419	76.37	1.17
NVNT	11ax20	5260	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5300	0.993	0.099	1.092	90.93	0.41
NVNT	11ax20	5320	0.990	0.099	1.089	90.91	0.41
NVNT	11ax40	5270	0.523	0.100	0.623	83.95	0.76
NVNT	11ax40	5310	0.516	0.100	0.616	83.77	0.77
NVNT	11ax80	5290	0.282	0.101	0.382	73.82	1.32

Duty_Cycle,UNII-2C_Antenna2							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5500	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5580	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5700	1.368	0.096	1.464	93.44	0.29
NVNT	11n20	5500	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5580	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5700	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5510	0.636	0.098	0.734	86.65	0.62
NVNT	11n40	5550	0.636	0.100	0.736	86.41	0.63
NVNT	11n40	5670	0.636	0.100	0.736	86.41	0.63
NVNT	11ac20	5500	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5580	1.282	0.099	1.381	92.83	0.32
NVNT	11ac20	5700	1.284	0.096	1.381	92.98	0.32
NVNT	11ac40	5510	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5550	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5670	0.640	0.100	0.739	86.60	0.62
NVNT	11ac80	5530	0.282	0.100	0.382	73.82	1.32
NVNT	11ac80	5610	0.281	0.101	0.383	73.37	1.34
NVNT	11ax20	5500	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5580	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5700	0.993	0.096	1.089	91.18	0.40
NVNT	11ax40	5510	0.523	0.100	0.623	83.95	0.76
NVNT	11ax40	5550	0.524	0.100	0.624	83.97	0.76
NVNT	11ax40	5670	0.524	0.100	0.624	83.97	0.76
NVNT	11ax80	5530	0.282	0.101	0.382	73.82	1.32
NVNT	11ax80	5610	0.282	0.100	0.382	73.82	1.32

Duty_Cycle,UNII-3_Antenna2							
Condition	Mode	Frequency(MHz)	Ton(ms)	Toff(ms)	TP(ms)	Duty Cycle(%)	Duty Factor(dB)
NVNT	11a20	5745	1.366	0.096	1.462	93.43	0.29
NVNT	11a20	5785	1.368	0.096	1.464	93.44	0.29
NVNT	11a20	5825	1.368	0.096	1.464	93.44	0.29
NVNT	11n20	5745	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5785	1.279	0.096	1.376	92.95	0.32
NVNT	11n20	5825	1.279	0.096	1.376	92.95	0.32
NVNT	11n40	5755	0.636	0.100	0.736	86.41	0.63
NVNT	11n40	5795	0.636	0.100	0.736	86.41	0.63
NVNT	11ac20	5745	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5785	1.282	0.096	1.378	93.03	0.31
NVNT	11ac20	5825	1.282	0.096	1.378	93.03	0.31
NVNT	11ac40	5755	0.640	0.100	0.739	86.60	0.62
NVNT	11ac40	5795	0.640	0.100	0.739	86.60	0.62
NVNT	11ac80	5775	0.320	0.100	0.420	76.19	1.18
NVNT	11ax20	5745	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5785	0.993	0.096	1.089	91.18	0.40
NVNT	11ax20	5825	0.993	0.096	1.089	91.18	0.40
NVNT	11ax40	5755	0.523	0.100	0.623	83.95	0.76
NVNT	11ax40	5795	0.523	0.100	0.623	83.95	0.76
NVNT	11ax80	5775	0.282	0.101	0.383	73.63	1.33

2.Maximum Conducted Average Output Power and TPC Power

Test Results:

Note:
KDB662911 D01
1.The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

- For power measurements on IEEE 802.11 devices, [1,2]

  Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
  Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

2.For CDD transmissions, directional gain is calculated as follows, N_{ANT} = 2, Nss = 1.
If all antennas have the different gain, GANT, Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log (N_{ANT}/ Nss) dB = 3.01;

- For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for NANT ≤ 4;

Directional Gain for Power: 3.67dBi

Output_Power,UNII-1_Total							
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Limit (dBm)	Results
NVNT	11a20	5180	22.86	22.45	25.670	30	Pass
NVNT	11a20	5200	23.01	22.46	25.754	30	Pass
NVNT	11a20	5240	22.80	22.09	25.470	30	Pass
NVNT	11n20	5180	22.68	23.48	26.109	30	Pass
NVNT	11n20	5200	23.09	23.47	26.294	30	Pass
NVNT	11n20	5240	22.51	23.18	25.868	30	Pass
NVNT	11n40	5190	25.64	24.64	28.179	30	Pass
NVNT	11n40	5230	24.96	24.42	27.709	30	Pass
NVNT	11ac20	5180	23.20	22.86	26.044	30	Pass
NVNT	11ac20	5200	23.31	22.65	26.003	30	Pass
NVNT	11ac20	5240	23.10	22.54	25.839	30	Pass
NVNT	11ac40	5190	23.53	25.50	27.636	30	Pass
NVNT	11ac40	5230	23.30	26.20	27.998	30	Pass
NVNT	11ac80	5210	24.47	24.39	27.440	30	Pass
NVNT	11ax20	5180	22.03	24.42	26.398	30	Pass
NVNT	11ax20	5200	22.01	24.19	26.246	30	Pass
NVNT	11ax20	5240	21.81	23.98	26.039	30	Pass
NVNT	11ax40	5190	25.42	26.87	29.220	30	Pass
NVNT	11ax40	5230	25.14	26.50	28.88	30	Pass
NVNT	11ax80	5210	25.19	24.71	27.967	30	Pass

Output_Power,UNII-2A_Total							
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Limit (dBm)	Results
NVNT	11a20	5260	17.04	16.67	19.869	23.61	Pass
NVNT	11a20	5300	17.12	16.77	19.959	23.61	Pass
NVNT	11a20	5320	16.97	16.72	19.857	23.61	Pass
NVNT	11n20	5260	17.19	16.53	19.883	23.82	Pass
NVNT	11n20	5300	17.13	16.82	19.988	23.82	Pass
NVNT	11n20	5320	16.91	16.68	19.807	23.82	Pass
NVNT	11n40	5270	19.53	19.94	22.750	23.98	Pass
NVNT	11n40	5310	19.36	19.68	22.533	23.98	Pass
NVNT	11ac20	5260	17.25	16.68	19.985	23.80	Pass
NVNT	11ac20	5300	17.21	16.73	19.987	23.80	Pass
NVNT	11ac20	5320	16.93	16.65	19.803	23.80	Pass
NVNT	11ac40	5270	20.08	19.95	23.026	23.98	Pass
NVNT	11ac40	5310	19.88	19.66	22.782	23.98	Pass
NVNT	11ac80	5290	19.39	20.60	23.047	23.98	Pass
NVNT	11ax20	5260	15.79	16.42	19.127	23.77	Pass
NVNT	11ax20	5300	15.94	15.58	18.774	23.77	Pass
NVNT	11ax20	5320	15.66	16.27	18.986	23.77	Pass
NVNT	11ax40	5270	19.30	18.82	22.077	23.98	Pass
NVNT	11ax40	5310	18.72	18.64	21.690	23.98	Pass
NVNT	11ax80	5290	20.14	19.17	22.692	23.98	Pass

Note:
802.11a:
11 + 10 log10(18.24)=23.61<23.98;
802.11n20:
11 + 10 log10(19.14)=23.82<23.98;;
802.11ac20:
11 + 10 log10(19.05)=23.80<23.98;;
802.11ax20:
11 + 10 log10(18.92)=23.77<23.98;
802.11N40/AC40/AC80/AX40/AX80:
11dBm + 10 log B(26 dB emission bandwidth >20M) >23.98dBm;

Output_Power,UNII-2C_Total							
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Limit (dBm)	Results
NVNT	11a20	5500	17.07	16.44	19.777	23.58	Pass
NVNT	11a20	5580	16.61	16.91	19.773	23.58	Pass
NVNT	11a20	5700	16.59	16.64	19.625	23.58	Pass
NVNT	11n20	5500	17.52	16.41	20.011	23.79	Pass
NVNT	11n20	5580	16.99	16.78	19.897	23.79	Pass
NVNT	11n20	5700	17.00	17.00	20.010	23.79	Pass
NVNT	11n40	5510	19.27	19.38	22.336	23.32	Pass
NVNT	11n40	5550	19.13	19.42	22.288	23.32	Pass
NVNT	11n40	5670	19.52	19.12	22.335	23.32	Pass
NVNT	11ac20	5500	17.10	17.28	20.201	23.76	Pass
NVNT	11ac20	5580	16.53	16.83	19.693	23.76	Pass
NVNT	11ac20	5700	16.61	16.64	19.635	23.76	Pass
NVNT	11ac40	5510	20.14	20.19	23.175	23.98	Pass
NVNT	11ac40	5550	20.10	20.28	23.201	23.98	Pass
NVNT	11ac40	5670	19.96	19.96	22.970	23.98	Pass
NVNT	11ac80	5530	20.03	20.13	23.091	23.98	Pass
NVNT	11ac80	5610	19.71	20.13	22.935	23.98	Pass
NVNT	11ax20	5500	16.20	16.42	19.322	23.98	Pass
NVNT	11ax20	5580	16.10	16.09	19.105	23.98	Pass
NVNT	11ax20	5700	16.14	15.64	18.907	23.98	Pass
NVNT	11ax40	5510	19.06	19.15	22.116	23.98	Pass
NVNT	11ax40	5550	18.87	19.40	22.153	23.98	Pass
NVNT	11ax40	5670	18.75	18.96	21.867	23.98	Pass
NVNT	11ax80	5530	20.75	19.76	23.293	23.98	Pass
NVNT	11ax80	5610	20.57	19.96	23.286	23.98	Pass

Note:
802.11a:
11 + 10 log10(18.12)=23.58<23.98dBm;
802.11n20:
11 + 10 log10(18.99)=23.79<23.98dBm;
802.11ac20:
11 + 10 log10(18.90)=23.76<23.98dBm;
802.11ax20:
11 + 10 log10(20.01)=24.01>23.98dBm;

802.11N40/AC40/AC80/AX40/AX80:
11dBm + 10 log B(26 dB emission bandwidth >20M) >23.98dBm;

Output_Power,UNII-3_Total							
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Limit (dBm)	Results
NVNT	11a20	5745	**25.96**	26.66	**29.334**	30	Pass
NVNT	11a20	5785	25.82	26.57	29.221	30	Pass
NVNT	11a20	5825	25.89	26.54	29.237	30	Pass
NVNT	11n20	5745	23.13	26.68	28.268	30	Pass
NVNT	11n20	5785	23.09	26.44	28.091	30	Pass
NVNT	11n20	5825	22.91	26.44	28.034	30	Pass
NVNT	11n40	5755	23.61	26.68	28.421	30	Pass
NVNT	11n40	5795	23.15	26.61	28.23	30	Pass
NVNT	11ac20	5745	23.17	26.61	28.232	30	Pass
NVNT	11ac20	5785	23.18	26.40	28.092	30	Pass
NVNT	11ac20	5825	22.97	26.43	28.046	30	Pass
NVNT	11ac40	5755	23.68	26.80	28.525	30	Pass
NVNT	11ac40	5795	23.56	26.53	28.304	30	Pass
NVNT	11ac80	5775	23.54	26.86	28.520	30	Pass
NVNT	11ax20	5745	**25.06**	26.89	29.081	30	Pass
NVNT	11ax20	5785	24.94	26.75	28.949	30	Pass
NVNT	11ax20	5825	24.83	26.67	28.857	30	Pass
NVNT	11ax40	5755	24.25	27.11	28.922	30	Pass
NVNT	11ax40	5795	24.27	26.91	28.798	30	Pass
NVNT	11ax80	5775	24.36	**27.67**	29.333	30	Pass

Transmit Power Control (TPC):

Transmit Power Control (TPC)									
Mode	Frequency (MHz)	Conducted Power		Total (dBm)	Antenna Gain (dBi)	BF. (dBi)	TPC Low Power E.I.R.P. (dBm)	TPC Low Power Limit (dBm)	Results
		Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)						
11a20	5260	8.22	7.04	10.680	3.67	/	14.35	24	Pass
11a20	5300	9.08	7.87	11.527	3.67	/	15.197	24	Pass
11a20	5320	8.87	8.00	11.467	3.67	/	15.137	24	Pass
11n20	5260	8.44	7.88	11.179	3.67	2.0	16.849	24	Pass
11n20	5300	8.32	7.47	10.926	3.67	2.0	16.596	24	Pass
11n20	5320	8.21	7.20	10.745	3.67	2.0	16.415	24	Pass
11n40	5270	8.35	7.98	11.179	3.67	2.0	16.849	24	Pass
11n40	5310	8.57	7.94	11.277	3.67	2.0	16.947	24	Pass
11ac20	5260	8.34	7.74	11.061	3.67	2.0	16.731	24	Pass
11ac20	5300	8.16	7.87	11.028	3.67	2.0	16.698	24	Pass
11ac20	5320	8.79	7.24	11.094	3.67	2.0	16.764	24	Pass
11ac40	5270	8.12	7.47	10.817	3.67	2.0	16.487	24	Pass
11ac40	5310	9.07	7.93	11.548	3.67	2.0	17.218	24	Pass
11ac80	5290	8.88	7.42	11.221	3.67	2.0	16.891	24	Pass
11ax20	5260	8.60	7.92	11.284	3.67	2.0	16.954	24	Pass
11ax20	5300	8.48	7.17	10.885	3.67	2.0	16.555	24	Pass
11ax20	5320	8.62	7.41	11.067	3.67	2.0	16.737	24	Pass
11ax40	5270	9.09	7.65	11.440	3.67	2.0	17.11	24	Pass
11ax40	5310	9.00	7.07	11.152	3.67	2.0	16.822	24	Pass
11ax80	5290	8.77	7.53	11.204	3.67	2.0	16.874	24	Pass

Transmit Power Control (TPC)									
Mode	Frequency (MHz)	Conducted Power		Total (dBm)	Antenna Gain (dBi)	BF. (dBi)	TPC Low Power E.I.R.P. (dBm)	TPC Low Power Limit (dBm)	Results
		Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)						
11a20	5500	9.09	7.09	11.214	3.67	/	14.884	24	Pass
11a20	5580	8.59	7.41	11.050	3.67	/	14.72	24	Pass
11a20	5700	8.86	7.81	11.377	3.67	/	15.047	24	Pass
11n20	5500	8.86	7.45	11.222	3.67	2.0	16.892	24	Pass
11n20	5580	8.72	7.73	11.263	3.67	2.0	16.933	24	Pass
11n20	5700	9.03	7.80	11.469	3.67	2.0	17.139	24	Pass
11n40	5510	8.28	7.68	11.001	3.67	2.0	16.671	24	Pass
11n40	5550	8.51	7.82	11.189	3.67	2.0	16.859	24	Pass
11n40	5670	8.78	7.40	11.155	3.67	2.0	16.825	24	Pass
11ac20	5500	8.48	7.71	11.122	3.67	2.0	16.792	24	Pass
11ac20	5580	8.26	7.51	10.911	3.67	2.0	16.581	24	Pass
11ac20	5700	9.21	7.23	11.342	3.67	2.0	17.012	24	Pass
11ac40	5510	8.28	7.55	10.941	3.67	2.0	16.611	24	Pass
11ac40	5550	9.16	7.63	11.472	3.67	2.0	17.142	24	Pass
11ac40	5670	8.75	8.00	11.401	3.67	2.0	17.071	24	Pass
11ac80	5530	8.27	7.91	11.104	3.67	2.0	16.774	24	Pass
11ac80	5610	8.94	7.56	11.315	3.67	2.0	16.985	24	Pass
11ax20	5500	8.59	7.15	10.940	3.67	2.0	16.61	24	Pass
11ax20	5580	8.70	7.31	11.071	3.67	2.0	16.741	24	Pass
11ax20	5700	8.62	7.14	10.953	3.67	2.0	16.623	24	Pass
11ax40	5510	7.66	7.52	10.601	3.67	2.0	16.271	24	Pass
11ax40	5550	8.81	6.95	10.989	3.67	2.0	16.659	24	Pass
11ax40	5670	8.48	7.08	10.846	3.67	2.0	16.516	24	Pass
11ax80	5530	7.98	7.23	10.631	3.67	2.0	16.301	24	Pass
11ax80	5610	7.66	7.52	10.601	3.67	2.0	16.271	24	Pass

Output_Power,UNII-1_E.I.R.P. / Beam Forming									
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Antenna Gain (dBi)	E.I.R.P. (dBm)	Beam Forming (dBm)	Results
NVNT	11a20	5180	22.86	22.45	25.670	3.67	29.34	/	Pass
NVNT	11a20	5200	23.01	22.46	25.754	3.67	29.424	/	Pass
NVNT	11a20	5240	22.80	22.09	25.470	3.67	29.14	/	Pass
NVNT	11n20	5180	22.68	23.48	26.109	3.67	**29.779**	31.779	Pass
NVNT	11n20	5200	23.09	23.47	26.294	3.67	29.964	31.964	Pass
NVNT	11n20	5240	22.51	23.18	25.868	3.67	29.538	31.538	Pass
NVNT	11n40	5190	25.64	24.64	28.179	3.67	31.849	33.849	Pass
NVNT	11n40	5230	24.96	24.42	27.709	3.67	31.379	33.379	Pass
NVNT	11ac20	5180	23.20	22.86	26.044	3.67	29.714	31.714	Pass
NVNT	11ac20	5200	23.31	22.65	26.003	3.67	29.673	31.673	Pass
NVNT	11ac20	5240	23.10	22.54	25.839	3.67	29.509	31.509	Pass
NVNT	11ac40	5190	23.53	25.50	27.636	3.67	31.306	33.306	Pass
NVNT	11ac40	5230	23.30	26.20	27.998	3.67	31.668	33.668	Pass
NVNT	11ac80	5210	24.47	24.39	27.440	3.67	31.11	33.11	Pass
NVNT	11ax20	5180	22.03	24.42	26.398	3.67	30.068	32.068	Pass
NVNT	11ax20	5200	22.01	24.19	26.246	3.67	29.916	31.916	Pass
NVNT	11ax20	5240	21.81	23.98	26.039	3.67	29.709	31.709	Pass
NVNT	11ax40	5190	25.42	26.87	29.220	3.67	32.89	34.89	Pass
NVNT	11ax40	5230	25.14	26.50	28.88	3.67	32.55	34.55	Pass
NVNT	11ax80	5210	25.19	24.71	27.967	3.67	31.637	33.637	Pass

Output_Power,UNII-2A_E.I.R.P. / Beam Forming									
Condition	Mode	Frequency (MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Antenna Gain (dBi)	E.I.R.P. (dBm)	Beam Forming (dBm)	Results
NVNT	11a20	5260	17.04	16.67	19.869	3.67	23.539	/	Pass
NVNT	11a20	5300	17.12	16.77	19.959	3.67	23.629	/	Pass
NVNT	11a20	5320	16.97	16.72	19.857	3.67	23.527	/	Pass
NVNT	11n20	5260	17.19	16.53	19.883	3.67	**23.553**	25.553	Pass
NVNT	11n20	5300	17.13	16.82	19.988	3.67	23.658	25.658	Pass
NVNT	11n20	5320	16.91	16.68	19.807	3.67	23.477	25.477	Pass
NVNT	11n40	5270	19.53	19.94	22.750	3.67	26.42	28.42	Pass
NVNT	11n40	5310	19.36	19.68	22.533	3.67	26.203	28.203	Pass
NVNT	11ac20	5260	17.25	16.68	19.985	3.67	23.655	25.655	Pass
NVNT	11ac20	5300	17.21	16.73	19.987	3.67	23.657	25.657	Pass
NVNT	11ac20	5320	16.93	16.65	19.803	3.67	23.473	25.473	Pass
NVNT	11ac40	5270	20.08	19.95	23.026	3.67	26.696	28.696	Pass
NVNT	11ac40	5310	19.88	19.66	22.782	3.67	26.452	28.452	Pass
NVNT	11ac80	5290	19.39	20.60	23.047	3.67	26.717	28.717	Pass
NVNT	11ax20	5260	15.79	16.42	19.127	3.67	22.797	24.797	Pass
NVNT	11ax20	5300	15.94	15.58	18.774	3.67	22.444	24.444	Pass
NVNT	11ax20	5320	15.66	16.27	18.986	3.67	22.656	24.656	Pass
NVNT	11ax40	5270	19.30	18.82	22.077	3.67	25.747	27.747	Pass
NVNT	11ax40	5310	18.72	18.64	21.690	3.67	25.36	27.36	Pass
NVNT	11ax80	5290	20.14	19.17	22.692	3.67	26.362	28.362	Pass

Output_Power,UNII-2C_E.I.R.P. / Beam Forming									
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Antenna Gain (dBi)	E.I.R.P. (dBm)	Beam Forming (dBm)	Results
NVNT	11a20	5500	17.07	16.44	19.777	3.67	23.447	/	Pass
NVNT	11a20	5580	16.61	16.91	19.773	3.67	23.443	/	Pass
NVNT	11a20	5700	16.59	16.64	19.625	3.67	23.295	/	Pass
NVNT	11n20	5500	17.52	16.41	20.011	3.67	**23.681**	25.681	Pass
NVNT	11n20	5580	16.99	16.78	19.897	3.67	23.567	25.567	Pass
NVNT	11n20	5700	17.00	17.00	20.010	3.67	23.68	25.68	Pass
NVNT	11n40	5510	19.27	19.38	22.336	3.67	26.006	28.006	Pass
NVNT	11n40	5550	19.13	19.42	22.288	3.67	25.958	27.958	Pass
NVNT	11n40	5670	19.52	19.12	22.335	3.67	26.005	28.005	Pass
NVNT	11ac20	5500	17.10	17.28	20.201	3.67	23.871	25.871	Pass
NVNT	11ac20	5580	16.53	16.83	19.693	3.67	23.363	25.363	Pass
NVNT	11ac20	5700	16.61	16.64	19.635	3.67	23.305	25.305	Pass
NVNT	11ac40	5510	20.14	20.19	23.175	3.67	26.845	28.845	Pass
NVNT	11ac40	5550	20.10	20.28	23.201	3.67	26.871	28.871	Pass
NVNT	11ac40	5670	19.96	19.96	22.970	3.67	26.64	28.64	Pass
NVNT	11ac80	5530	20.03	20.13	23.091	3.67	26.761	28.761	Pass
NVNT	11ac80	5610	19.71	20.13	22.935	3.67	26.605	28.605	Pass
NVNT	11ax20	5500	16.20	16.42	19.322	3.67	22.992	24.992	Pass
NVNT	11ax20	5580	16.10	16.09	19.105	3.67	22.775	24.775	Pass
NVNT	11ax20	5700	16.14	15.64	18.907	3.67	22.577	24.577	Pass
NVNT	11ax40	5510	19.06	19.15	22.116	3.67	27.786	29.786	Pass
NVNT	11ax40	5550	18.87	19.40	22.153	3.67	27.823	29.823	Pass
NVNT	11ax40	5670	18.75	18.96	21.867	3.67	27.537	29.537	Pass
NVNT	11ax80	5530	20.75	19.76	23.293	3.67	28.963	30.963	Pass
NVNT	11ax80	5610	20.57	19.96	23.286	3.67	28.956	30.956	Pass

Output_Power,UNII-3_E.I.R.P. / Beam Forming									
Condition	Mode	Frequency(MHz)	Antenna 1 Abs AV Power(dBm)	Antenna 2 Abs AV Power(dBm)	Total (dBm)	Antenna Gain (dBi)	E.I.R.P. (dBm)	Beam Forming (dBm)	Results
NVNT	11a20	5745	25.96	26.66	**29.334**	3.67	33.004	/	Pass
NVNT	11a20	5785	25.82	26.57	29.221	3.67	32.891	/	Pass
NVNT	11a20	5825	25.89	26.54	29.237	3.67	32.907	/	Pass
NVNT	11n20	5745	23.13	26.68	28.268	3.67	**31.938**	33.938	Pass
NVNT	11n20	5785	23.09	26.44	28.091	3.67	31.761	33.761	Pass
NVNT	11n20	5825	22.91	26.44	28.034	3.67	31.704	33.704	Pass
NVNT	11n40	5755	23.61	26.68	28.421	3.67	32.091	34.091	Pass
NVNT	11n40	5795	23.15	26.61	28.23	3.67	31.9	33.9	Pass
NVNT	11ac20	5745	23.17	26.61	28.232	3.67	31.902	33.902	Pass
NVNT	11ac20	5785	23.18	26.40	28.092	3.67	31.762	33.762	Pass
NVNT	11ac20	5825	22.97	26.43	28.046	3.67	31.716	33.716	Pass
NVNT	11ac40	5755	23.68	26.80	28.525	3.67	32.195	34.195	Pass
NVNT	11ac40	5795	23.56	26.53	28.304	3.67	31.974	33.974	Pass
NVNT	11ac80	5775	23.54	26.86	28.520	3.67	32.19	34.19	Pass
NVNT	11ax20	5745	25.06	26.89	29.081	3.67	32.751	34.751	Pass
NVNT	11ax20	5785	24.94	26.75	28.949	3.67	32.619	34.619	Pass
NVNT	11ax20	5825	24.83	26.67	28.857	3.67	32.527	34.527	Pass
NVNT	11ax40	5755	24.25	27.11	28.922	3.67	32.592	34.592	Pass
NVNT	11ax40	5795	24.27	26.91	28.798	3.67	32.468	34.468	Pass
NVNT	11ax80	5775	24.36	27.67	29.333	3.67	33.003	35.003	Pass

3. Power Spectral Density

Note:
KDB662911 D01
1.The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

- For power measurements on IEEE 802.11 devices, [1,2]

  Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
  Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

2.For CDD transmissions, directional gain is calculated as follows, N_{ANT} = 2, Nss = 1.
If all antennas have the different gain, G_{ANT}, Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,
  Array Gain = 10 log (N_{ANT}/ Nss) dB = 3.01;
  Directional Gain=3.67+3.01=6.68

For 5180~5240MHz=17-(6-6.68)=16.32dBm/MHz; For 5260~5320MHz=11-(6-6.68)=10.32dBm/MHz;
For 5500 ~ 5700MHz=11-(6-6.68)=10.32dBm/MHz; For 5745 ~ 5825MHz=30-(6-6.68)=29.32dBm/MHz

Power_Density,UNII-1_Total							
Condition	Mode	Frequency (MHz)	Antenna1 Power Density(dBm/1MHz)	Antenna2 Power Density(dBm/1MHz)	Total(dBm/1MHz)	Limit (dBm/1MHz)	Results
NVNT	11a20	5180	13.65	12.64	16.185	16.32	Pass
NVNT	11a20	5200	13.88	12.18	16.123	16.32	Pass
NVNT	11a20	5240	13.27	12.95	16.123	16.32	Pass
NVNT	11n20	5180	13.39	12.66	16.051	16.32	Pass
NVNT	11n20	5200	13.55	12.58	16.102	16.32	Pass
NVNT	11n20	5240	13.30	13.02	16.173	16.32	Pass
NVNT	11n40	5190	13.28	13.03	16.167	16.32	Pass
NVNT	11n40	5230	13.55	12.67	16.143	16.32	Pass
NVNT	11ac20	5180	13.05	13.40	16.239	16.32	Pass
NVNT	11ac20	5200	13.09	13.25	16.181	16.32	Pass
NVNT	11ac20	5240	12.97	13.14	16.066	16.32	Pass
NVNT	11ac40	5190	11.06	13.00	15.148	16.32	Pass
NVNT	11ac40	5230	10.56	13.56	15.324	16.32	Pass
NVNT	11ac80	5210	8.52	8.54	11.540	16.32	Pass
NVNT	11ax20	5180	13.44	13.19	16.327	16.32	Pass
NVNT	11ax20	5200	13.53	12.88	16.227	16.32	Pass
NVNT	11ax20	5240	13.44	13.10	16.284	16.32	Pass
NVNT	11ax40	5190	13.40	13.05	16.239	16.32	Pass
NVNT	11ax40	5230	13.54	13.05	16.312	16.32	Pass
NVNT	11ax80	5210	10.07	13.31	14.996	16.32	Pass

Power_Density,UNII-2A_Total							
Condition	Mode	Frequency (MHz)	Antenna1 Power Density(dBm/1MHz)	Antenna2 Power Density(dBm/1MHz)	Total (dBm/1MHz)	Limit(dBm/1MHz)	Results
NVNT	11a20	5260	7.14	7.28	10.221	10.32	Pass
NVNT	11a20	5300	7.15	7.20	10.185	10.32	Pass
NVNT	11a20	5320	6.93	7.29	10.124	10.32	Pass
NVNT	11n20	5260	7.23	7.01	10.132	10.32	Pass
NVNT	11n20	5300	7.48	7.14	10.324	10.32	Pass
NVNT	11n20	5320	7.05	7.38	10.228	10.32	Pass
NVNT	11n40	5270	7.30	5.49	9.499	10.32	Pass
NVNT	11n40	5310	7.57	7.03	10.319	10.32	Pass
NVNT	11ac20	5260	7.27	7.06	10.177	10.32	Pass
NVNT	11ac20	5300	7.02	7.40	10.224	10.32	Pass
NVNT	11ac20	5320	7.45	7.07	10.274	10.32	Pass
NVNT	11ac40	5270	6.85	7.45	10.171	10.32	Pass
NVNT	11ac40	5310	6.92	7.35	10.151	10.32	Pass
NVNT	11ac80	5290	3.44	7.25	8.760	10.32	Pass
NVNT	11ax20	5260	7.50	7.38	10.451	10.32	Pass
NVNT	11ax20	5300	7.11	7.08	10.105	10.32	Pass
NVNT	11ax20	5320	7.10	7.54	10.332	10.32	Pass
NVNT	11ax40	5270	7.18	7.27	10.236	10.32	Pass
NVNT	11ax40	5310	7.16	7.34	10.261	10.32	Pass
NVNT	11ax80	5290	5.18	5.16	8.180	10.32	Pass

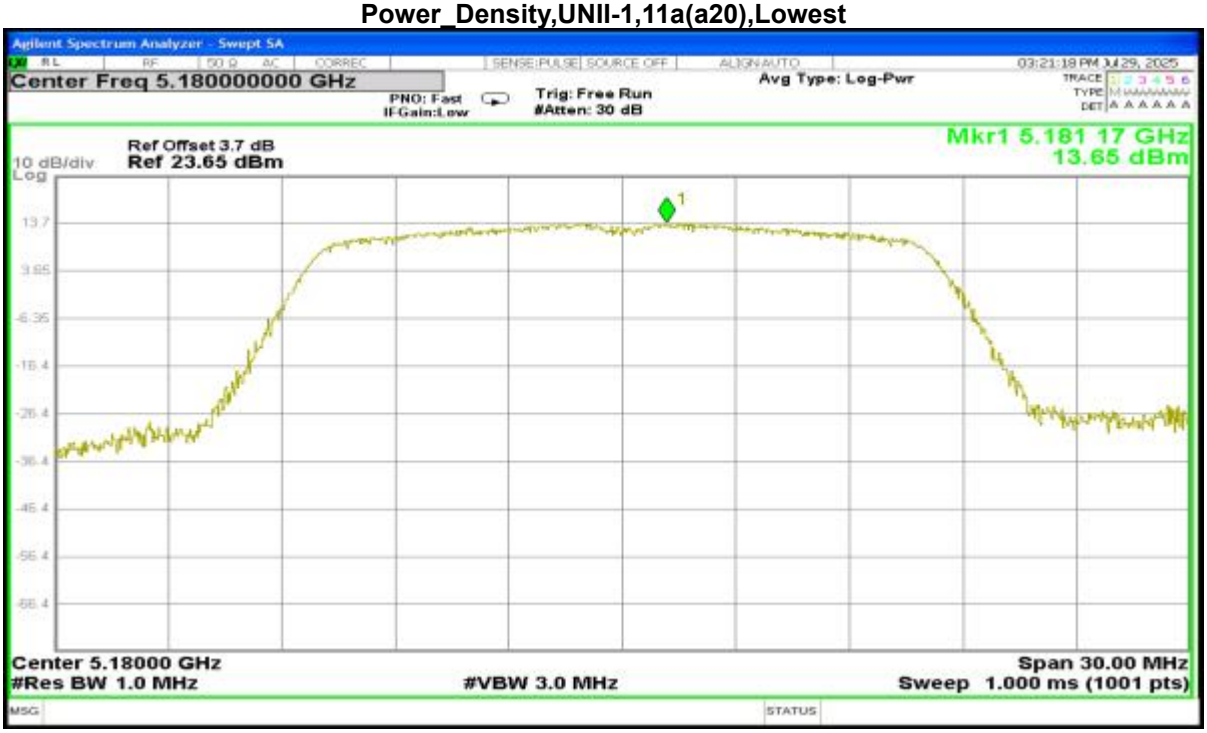
Power_Density,UNII-2C_Total							
Condition	Mode	Frequency (MHz)	Antenna1 Power Density(dBm/1MHz)	Antenna2 Power Density(dBm/1MHz)	Total (dBm/1MHz)	Limit (dBm/1MHz)	Results
NVNT	11a20	5500	7.14	7.03	10.096	10.32	Pass
NVNT	11a20	5580	7.19	6.91	10.063	10.32	Pass
NVNT	11a20	5700	7.20	7.36	10.291	10.32	Pass
NVNT	11n20	5500	7.23	7.14	10.196	10.32	Pass
NVNT	11n20	5580	7.00	7.39	10.210	10.32	Pass
NVNT	11n20	5700	7.42	6.71	10.090	10.32	Pass
NVNT	11n40	5510	7.27	7.12	10.206	10.32	Pass
NVNT	11n40	5550	7.11	7.45	10.294	10.32	Pass
NVNT	11n40	5670	6.96	7.11	10.046	10.32	Pass
NVNT	11ac20	5500	7.53	6.77	10.177	10.32	Pass
NVNT	11ac20	5580	7.12	7.46	10.304	10.32	Pass
NVNT	11ac20	5700	7.18	7.08	10.141	10.32	Pass
NVNT	11ac40	5510	7.58	7.71	10.656	10.32	Pass
NVNT	11ac40	5550	7.68	7.70	10.700	10.32	Pass
NVNT	11ac40	5670	7.59	7.46	10.536	10.32	Pass
NVNT	11ac80	5530	6.10	4.34	8.319	10.32	Pass
NVNT	11ac80	5610	3.71	3.90	6.816	10.32	Pass
NVNT	11ax20	5500	7.41	7.13	10.283	10.32	Pass
NVNT	11ax20	5580	7.42	7.20	10.322	10.32	Pass
NVNT	11ax20	5700	7.16	7.06	10.121	10.32	Pass
NVNT	11ax40	5510	7.31	7.08	10.207	10.32	Pass
NVNT	11ax40	5550	7.46	7.11	10.299	10.32	Pass
NVNT	11ax40	5670	7.01	7.33	10.183	10.32	Pass
NVNT	11ax80	5530	5.88	4.96	8.455	10.32	Pass
NVNT	11ax80	5610	5.35	4.72	8.057	10.32	Pass

Power_Density,UNII-3_Total							
Condition	Mode	Frequency (MHz)	Antenna1 Power Density(dBm /500kHz)	Antenna2 Power Density(dBm /500kHz)	Total (dBm/0.5MHz)	Limit (dBm/500kHz)	Results
NVNT	11a20	5745	14.64	15.71	18.218	29.32	Pass
NVNT	11a20	5785	14.26	15.45	17.906	29.32	Pass
NVNT	11a20	5825	14.96	15.58	18.291	29.32	Pass
NVNT	11n20	5745	11.50	15.27	16.792	29.32	Pass
NVNT	11n20	5785	11.58	14.90	16.560	29.32	Pass
NVNT	11n20	5825	11.54	15.19	16.748	29.32	Pass
NVNT	11n40	5755	9.63	13.18	14.768	29.32	Pass
NVNT	11n40	5795	9.33	12.57	14.256	29.32	Pass
NVNT	11ac20	5745	11.56	15.15	16.726	29.32	Pass
NVNT	11ac20	5785	11.73	14.68	16.461	29.32	Pass
NVNT	11ac20	5825	11.49	14.90	16.532	29.32	Pass
NVNT	11ac40	5755	9.54	12.13	14.036	29.32	Pass
NVNT	11ac40	5795	9.28	11.95	13.827	29.32	Pass
NVNT	11ac80	5775	5.51	8.49	10.261	29.32	Pass
NVNT	11ax20	5745	14.72	15.93	18.377	29.32	Pass
NVNT	11ax20	5785	14.38	16.10	18.335	29.32	Pass
NVNT	11ax20	5825	14.05	16.25	18.298	29.32	Pass
NVNT	11ax40	5755	13.96	13.51	16.751	29.32	Pass
NVNT	11ax40	5795	13.09	12.90	16.006	29.32	Pass
NVNT	11ax80	5775	7.01	10.65	12.211	29.32	Pass

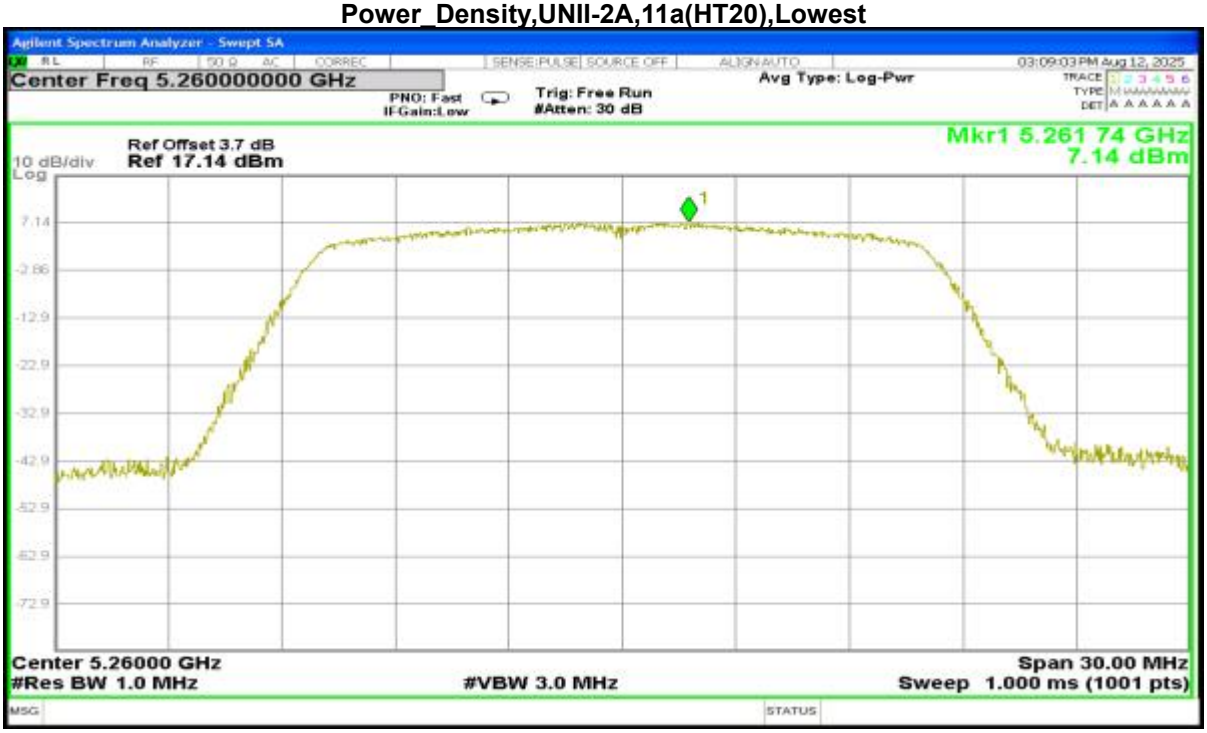
Antenna 1:

The Antenna 1 test image is as follows:

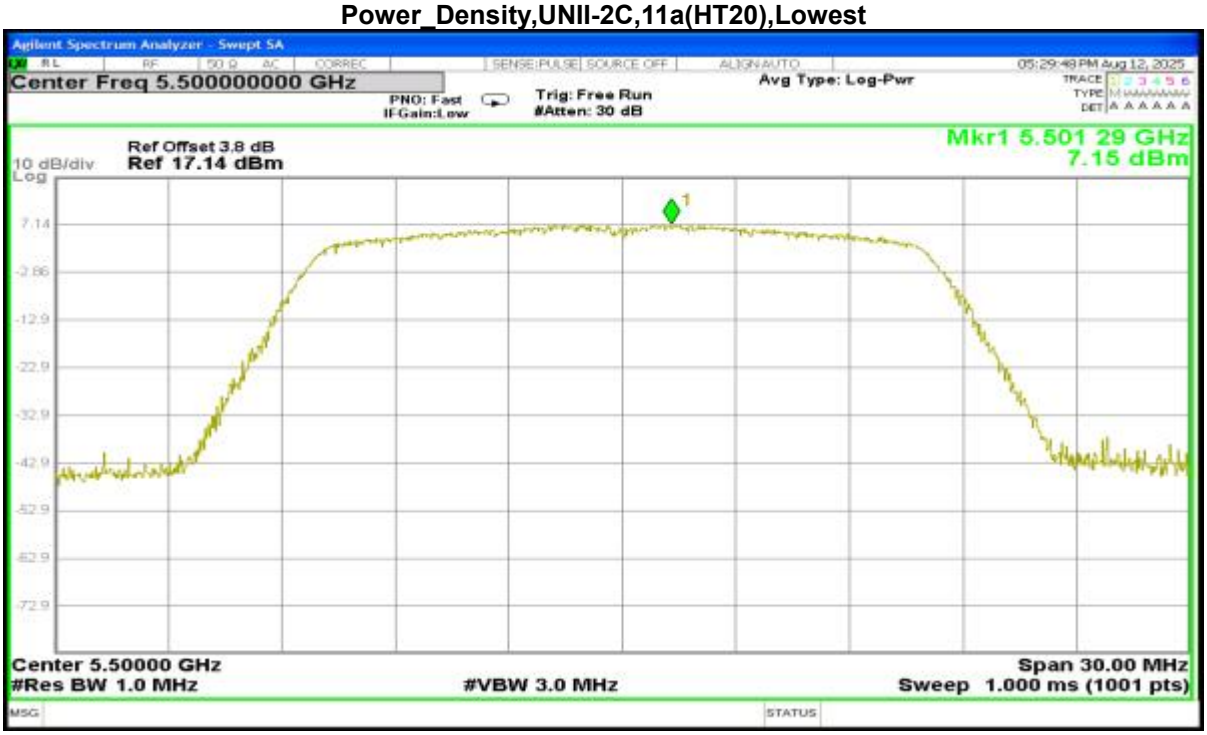
Power_Density,UNII-1,11a(a20),Lowest



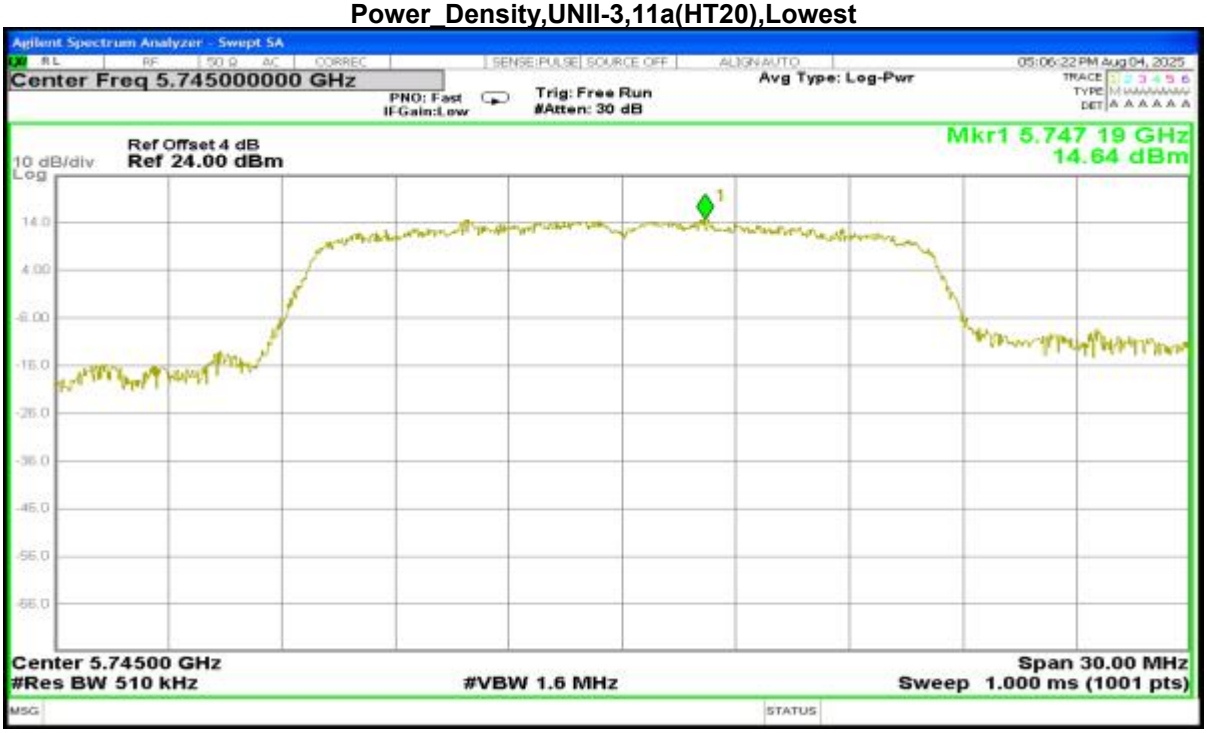
Power_Density,UNII-2A,11a(HT20),Lowest



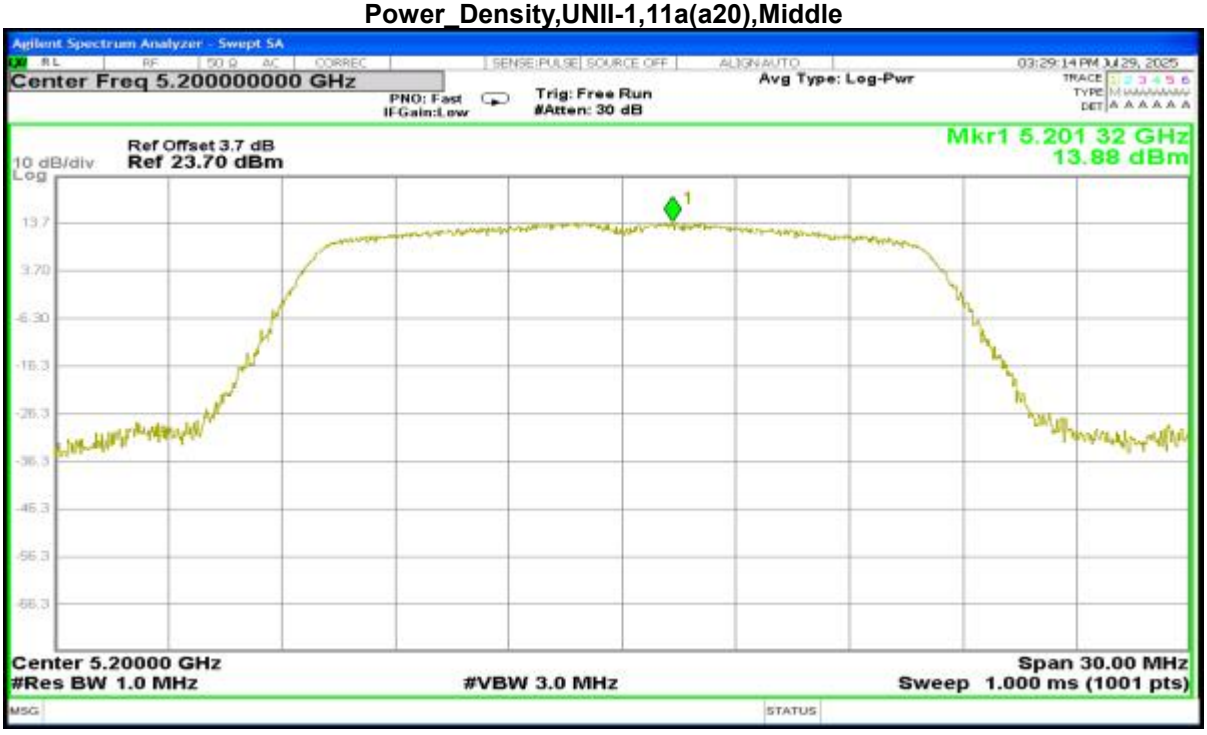
Power_Density,UNII-2C,11a(HT20),Lowest



Power_Density,UNII-3,11a(HT20),Lowest

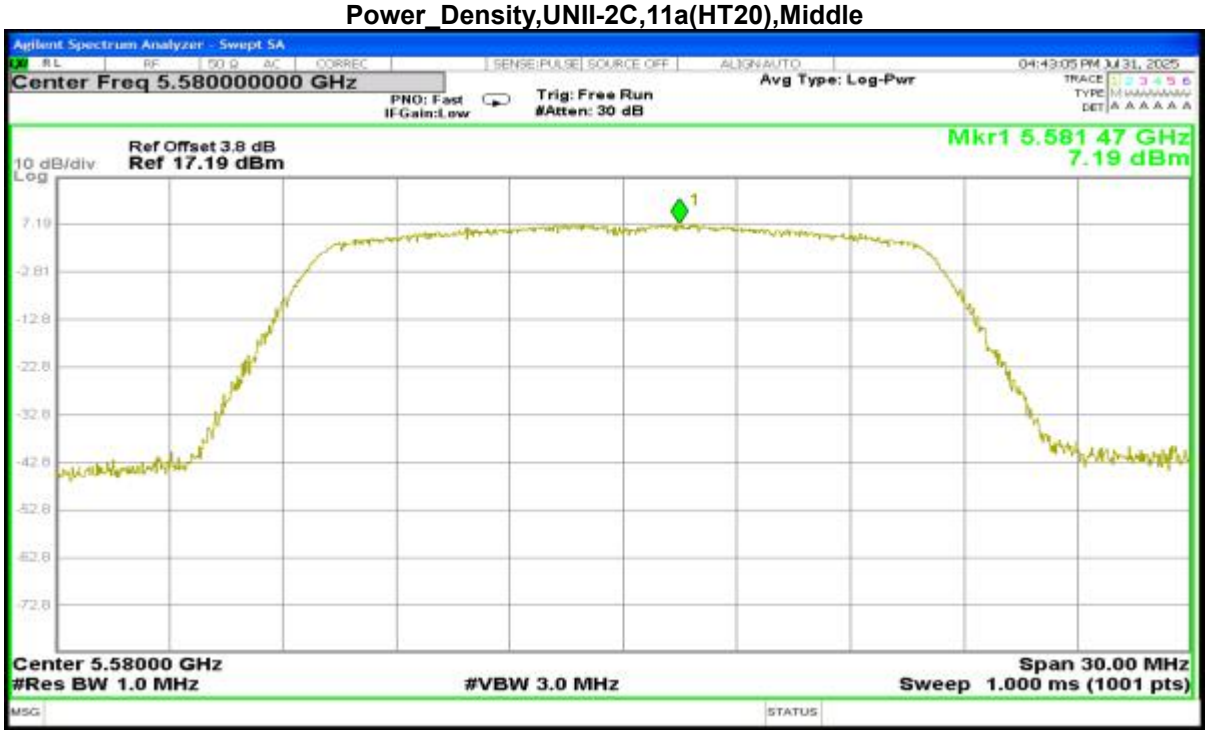


Power_Density,UNII-1,11a(a20),Middle



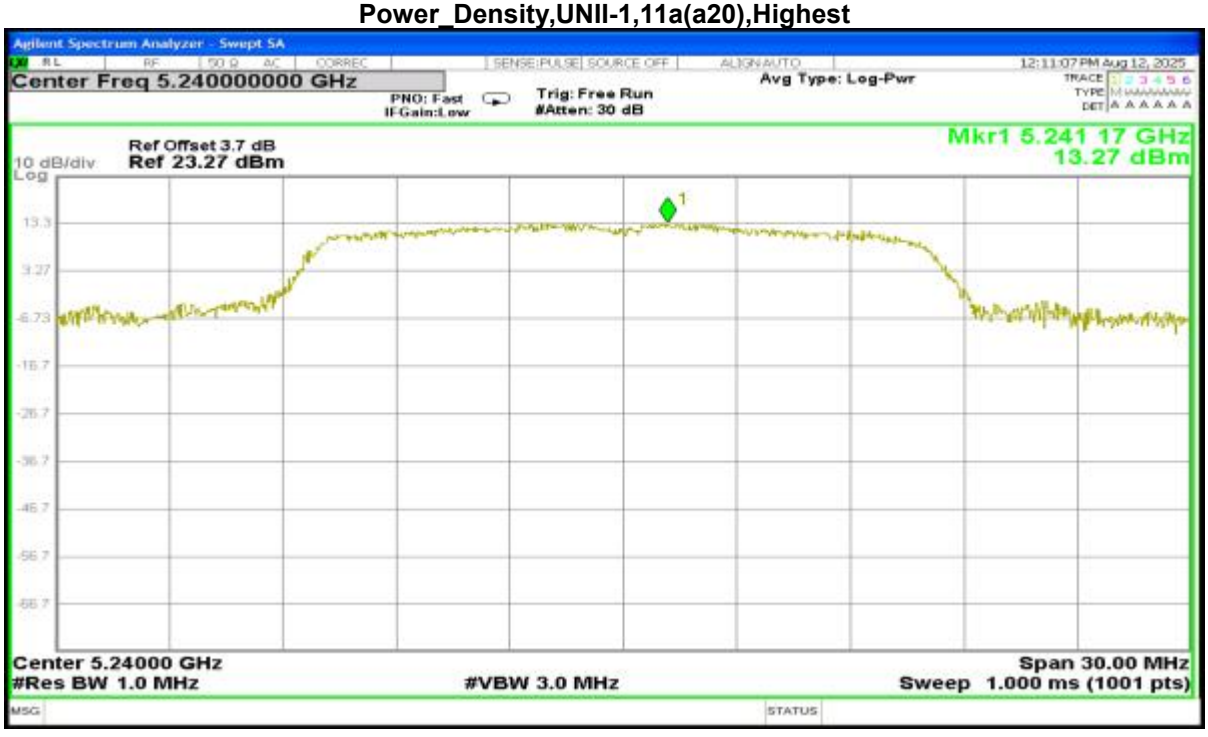
Power_Density,UNII-2A,11a(HT20),Middle

Power_Density,UNII-2C,11a(HT20),Middle

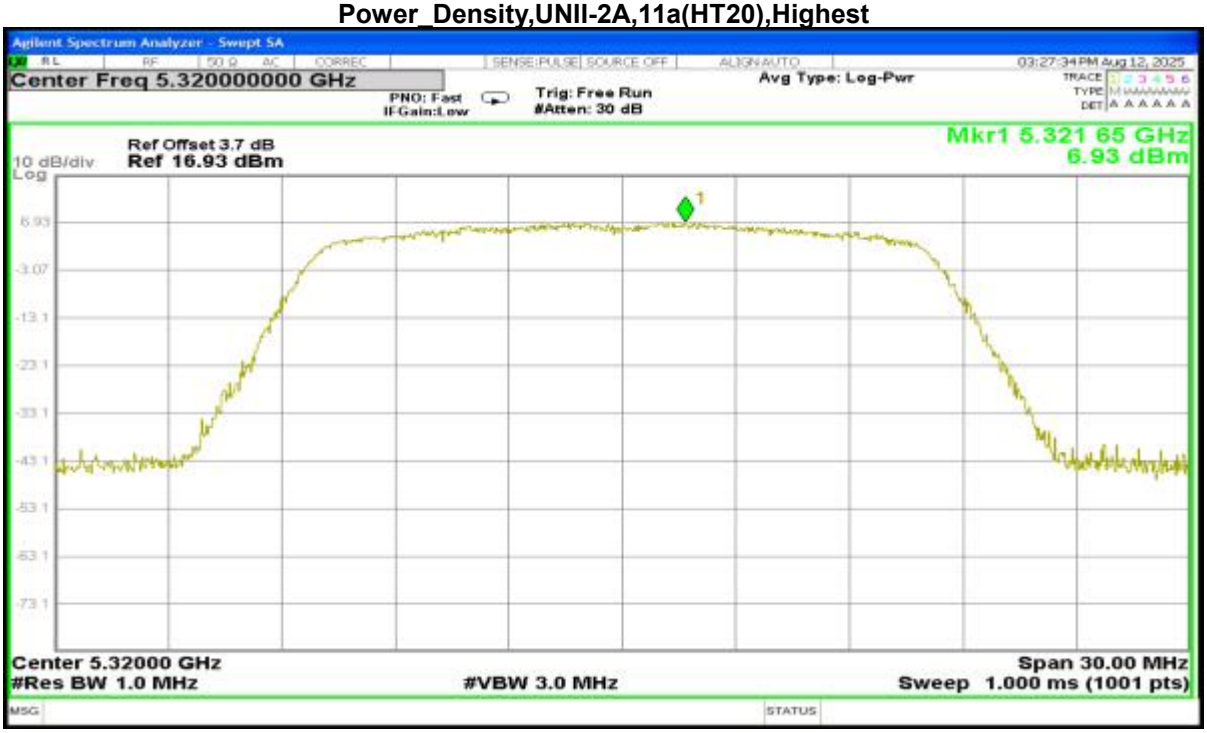


Power_Density,UNII-3,11a(HT20),Middle

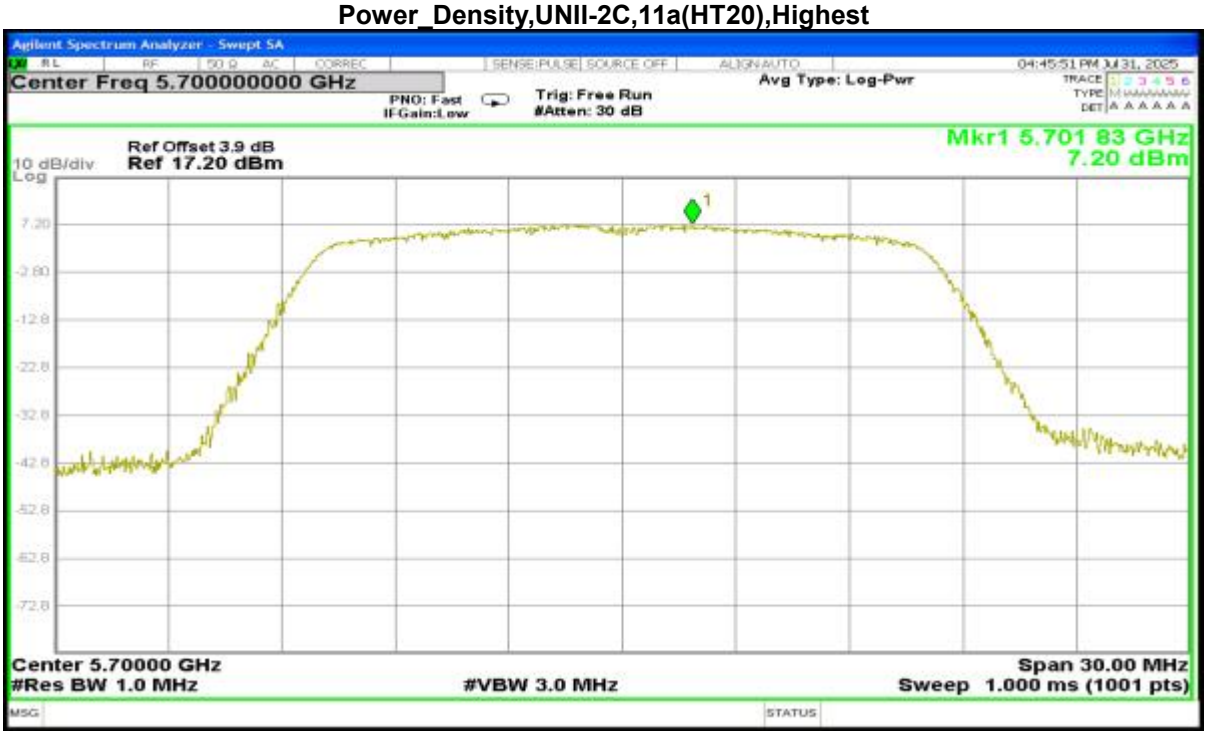
Power_Density,UNII-1,11a(a20),Highest



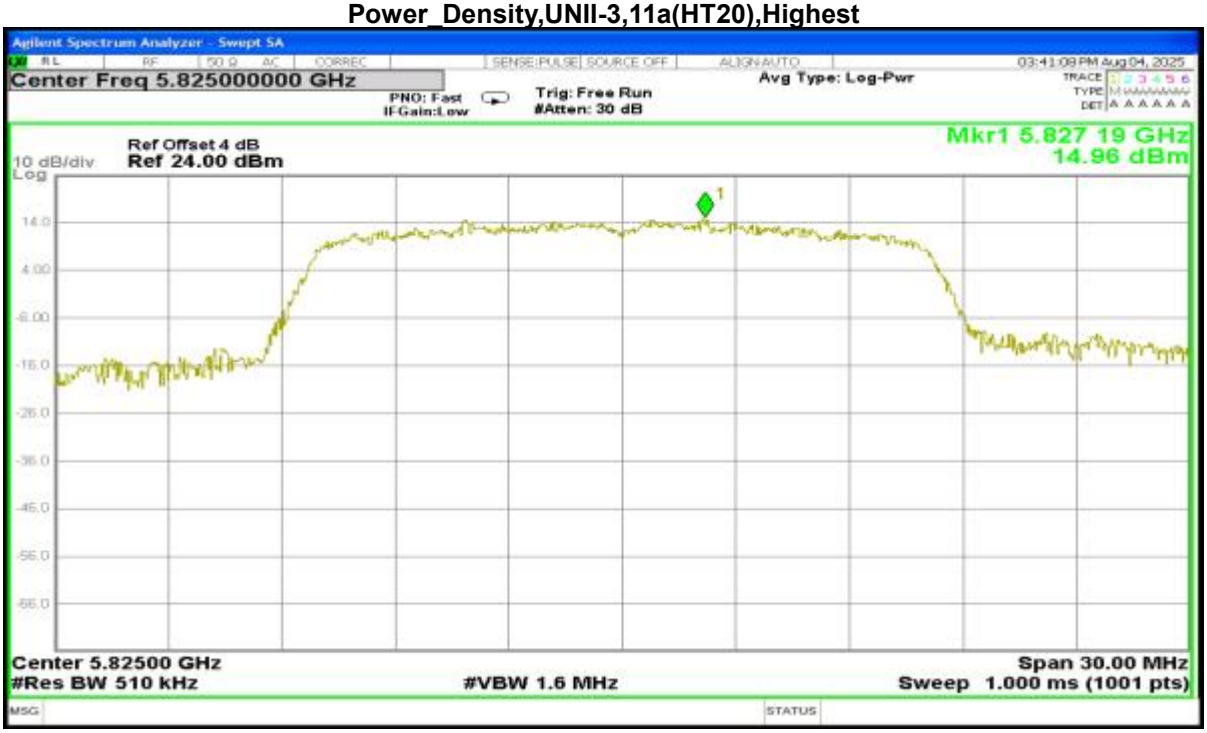
Power_Density,UNII-2A,11a(HT20),Highest



Power_Density,UNII-2C,11a(HT20),Highest

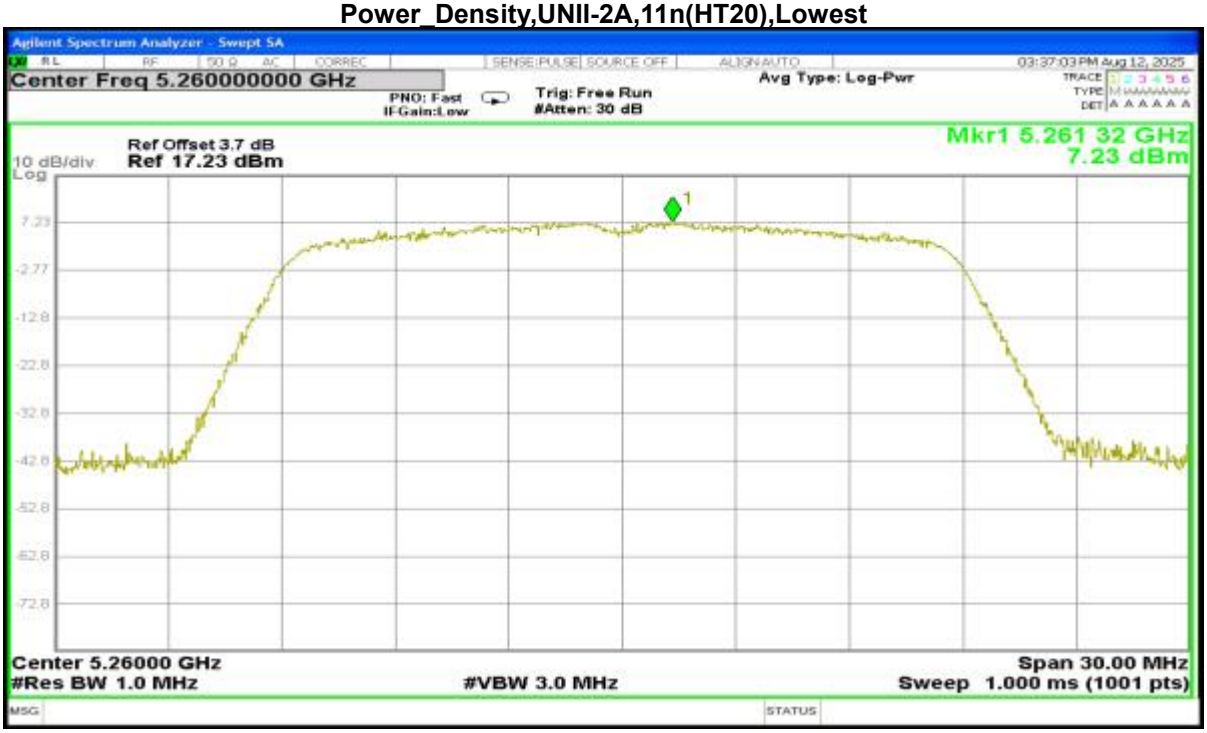


Power_Density,UNII-3,11a(HT20),Highest

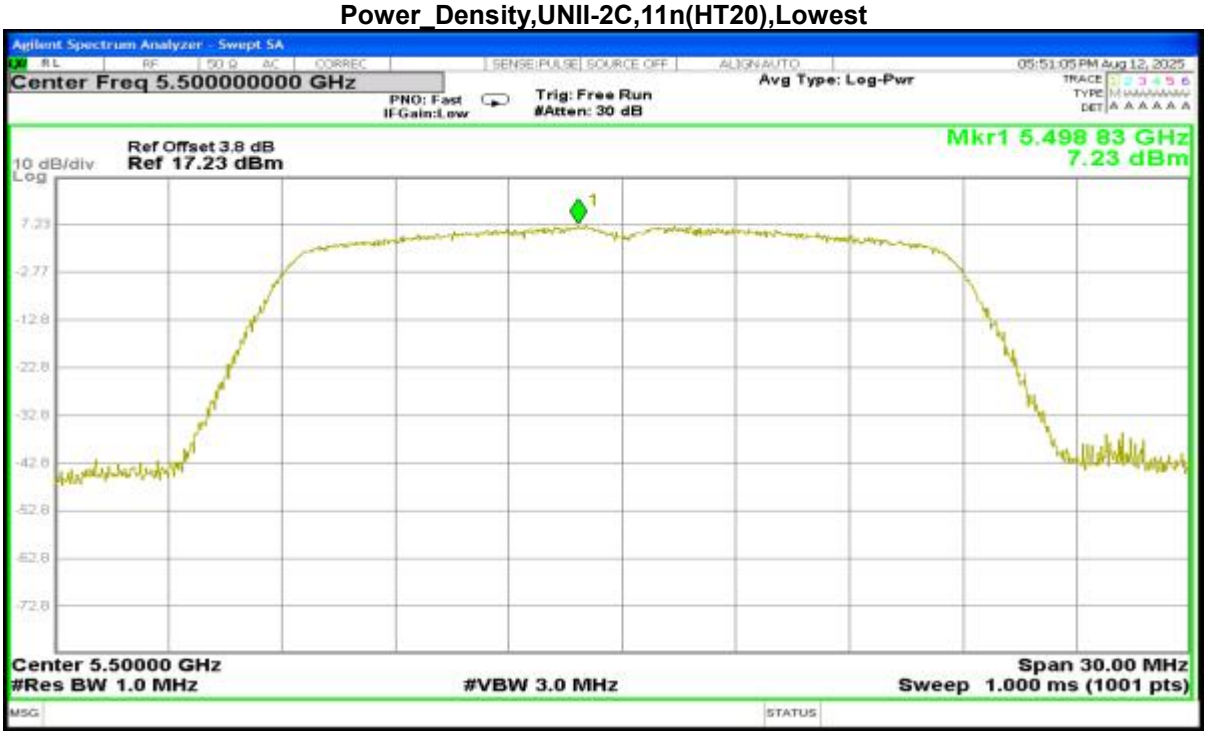


Power_Density,UNII-1,11n(HT20),Lowest

Power_Density,UNII-2A,11n(HT20),Lowest

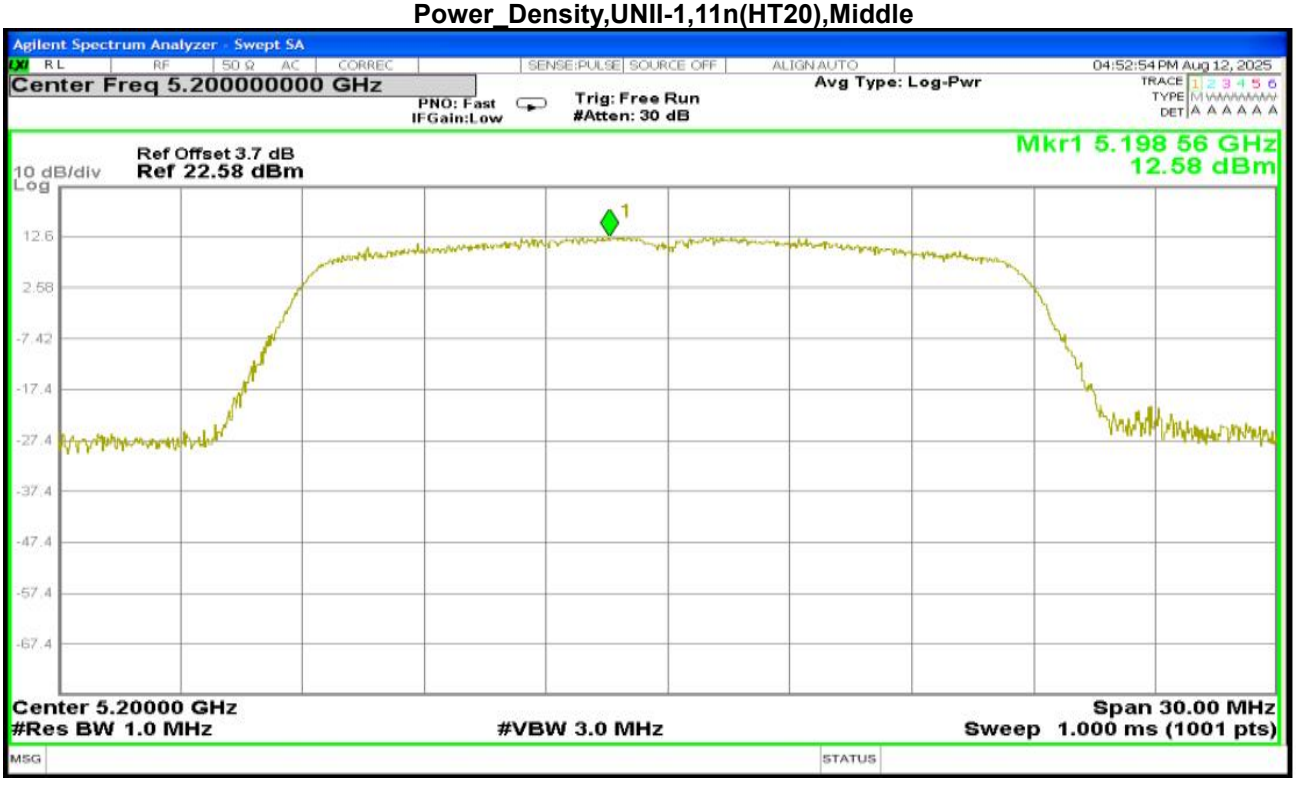


Power_Density,UNII-2C,11n(HT20),Lowest

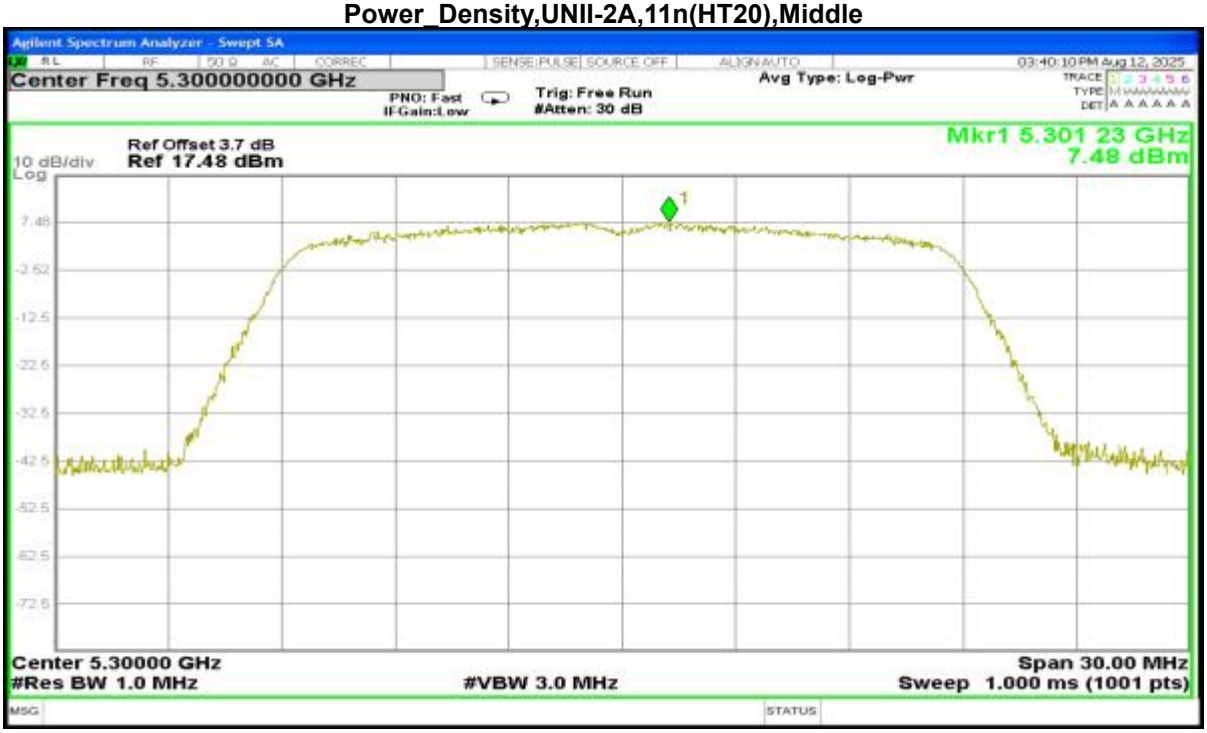


Power_Density,UNII-3,11n(HT20),Lowest

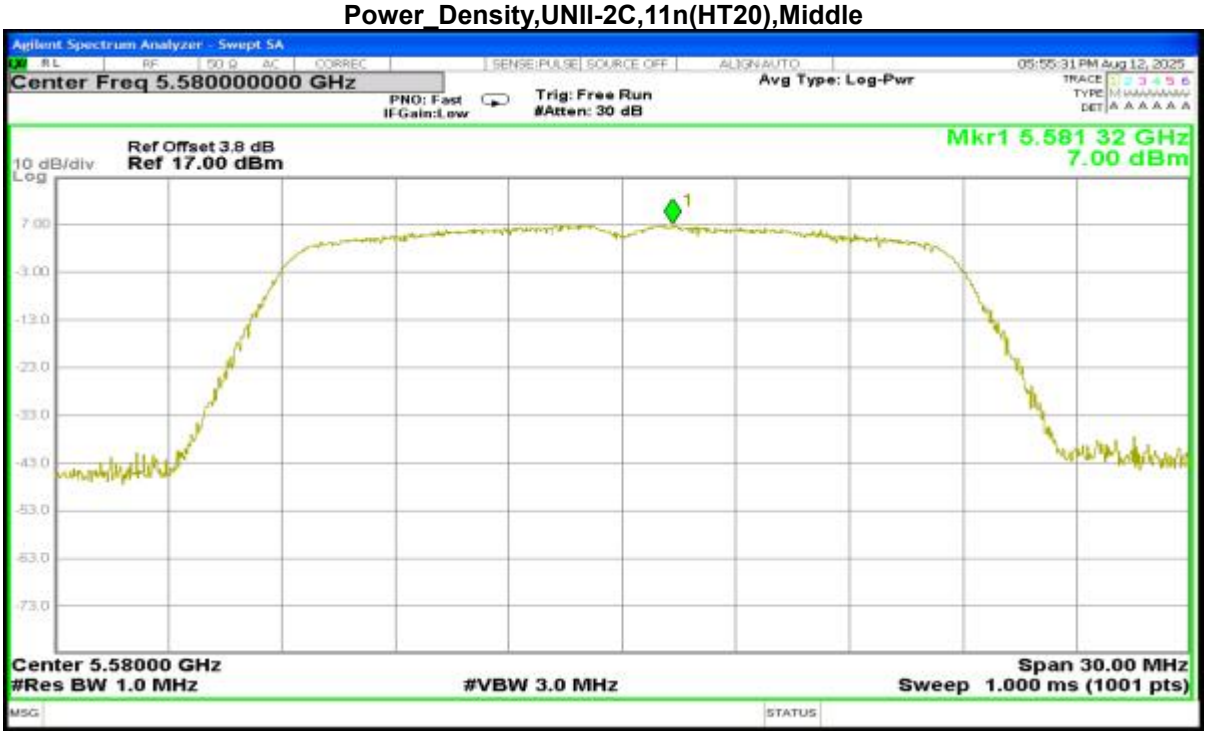
Power_Density,UNII-1,11n(HT20),Middle



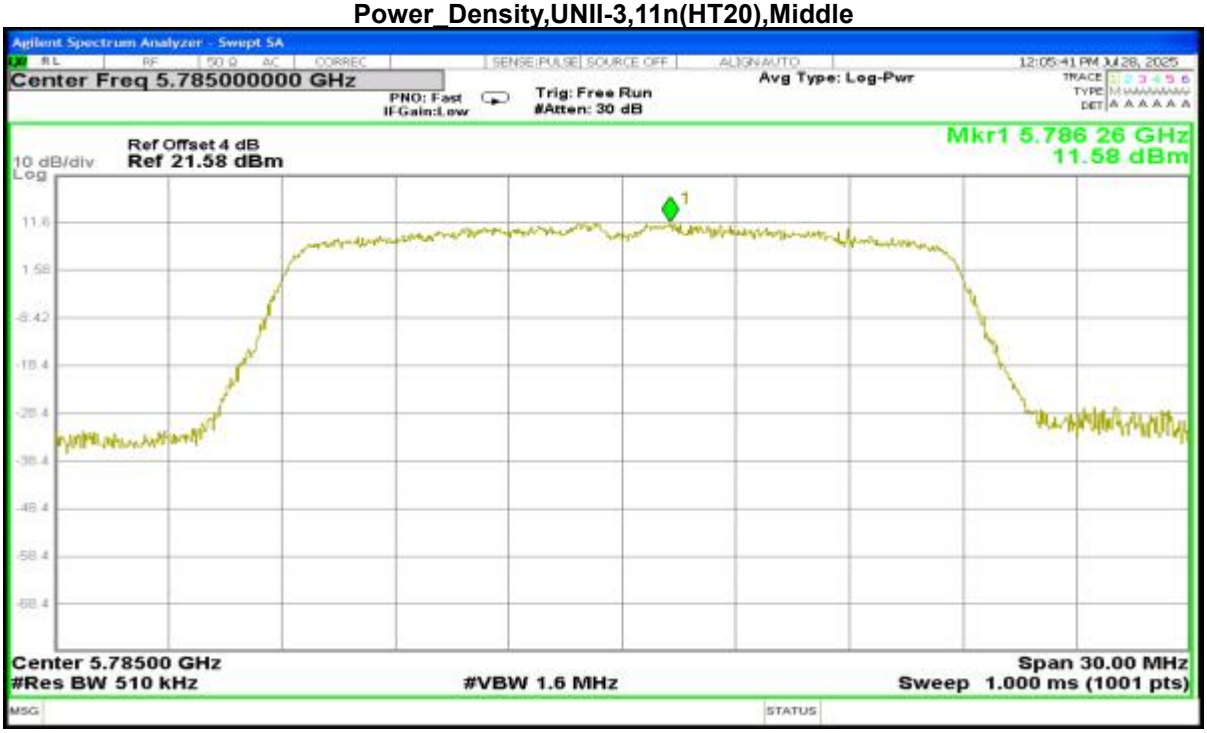
Power_Density,UNII-2A,11n(HT20),Middle



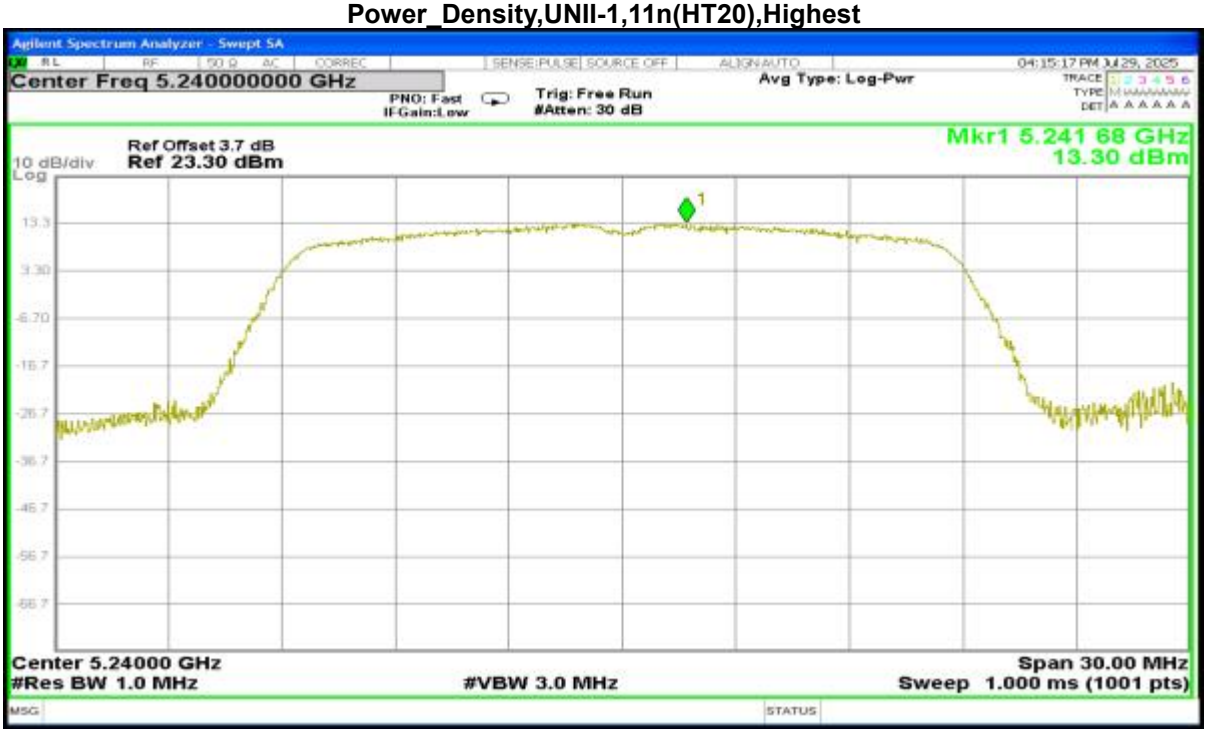
Power_Density,UNII-2C,11n(HT20),Middle



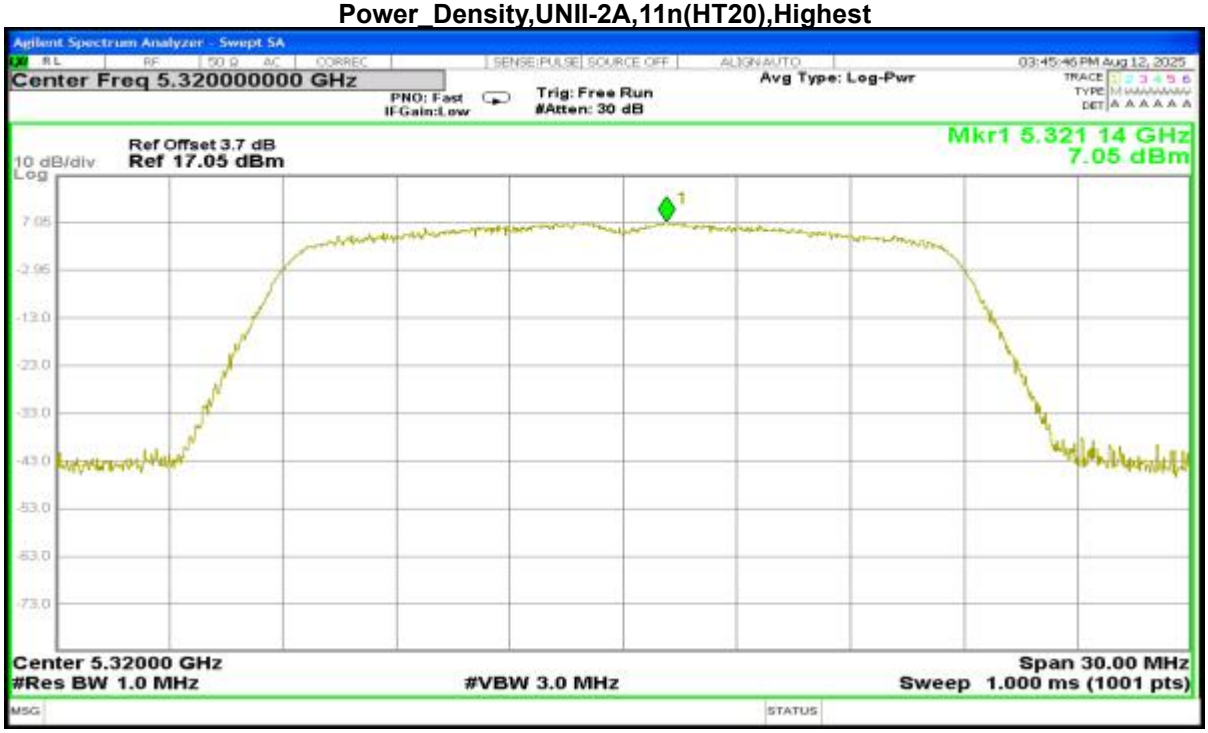
Power_Density,UNII-3,11n(HT20),Middle



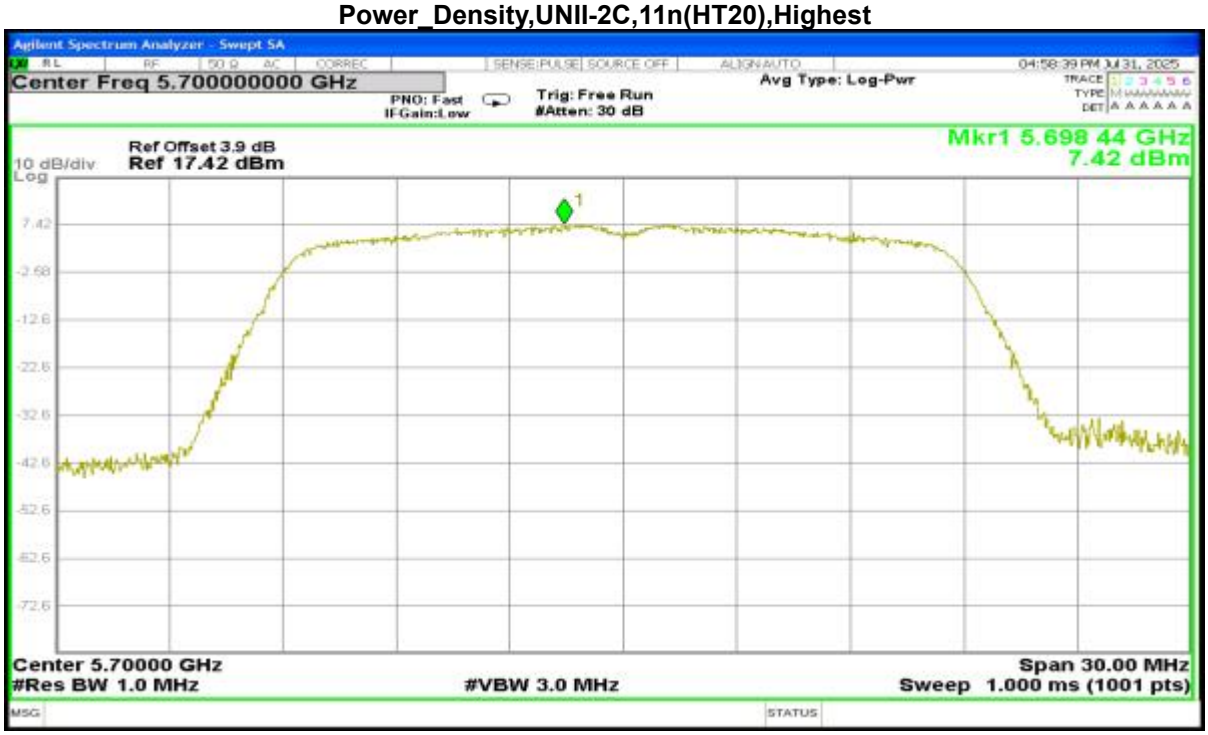
Power_Density,UNII-1,11n(HT20),Highest



Power_Density,UNII-2A,11n(HT20),Highest

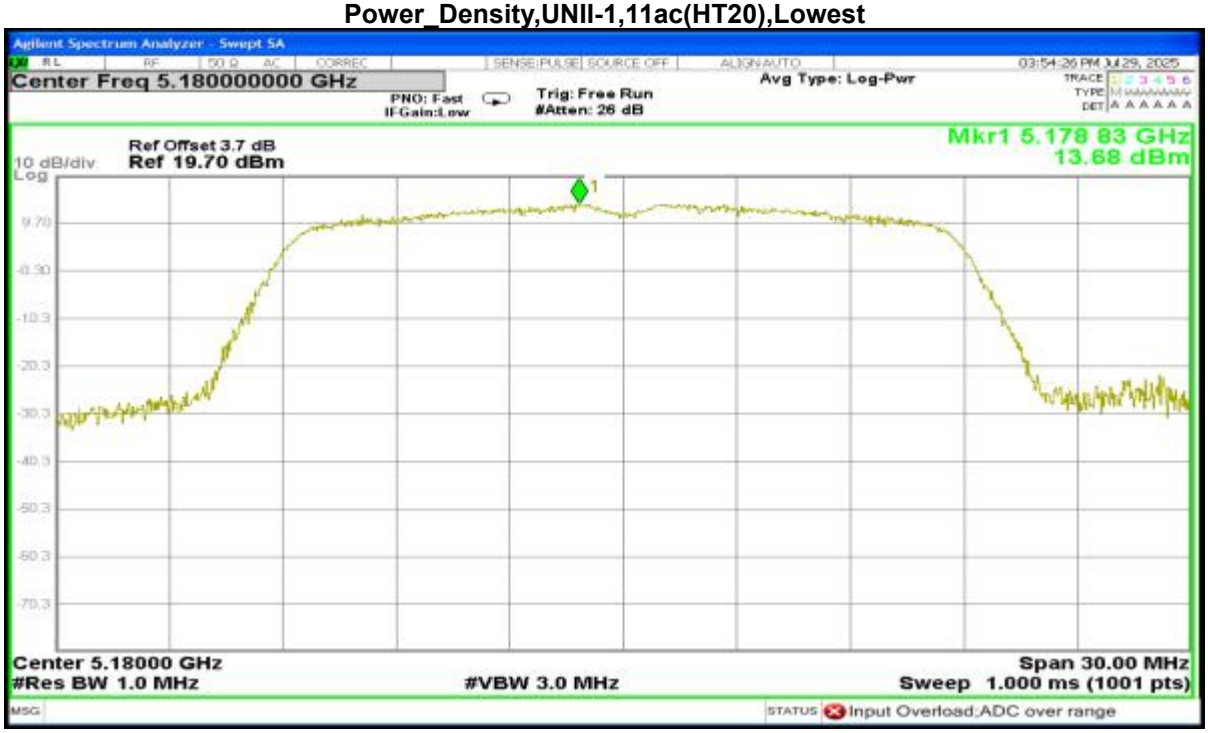


Power_Density,UNII-2C,11n(HT20),Highest



Power_Density,UNII-3,11n(HT20),Highest

Power_Density,UNII-1,11ac(HT20),Lowest

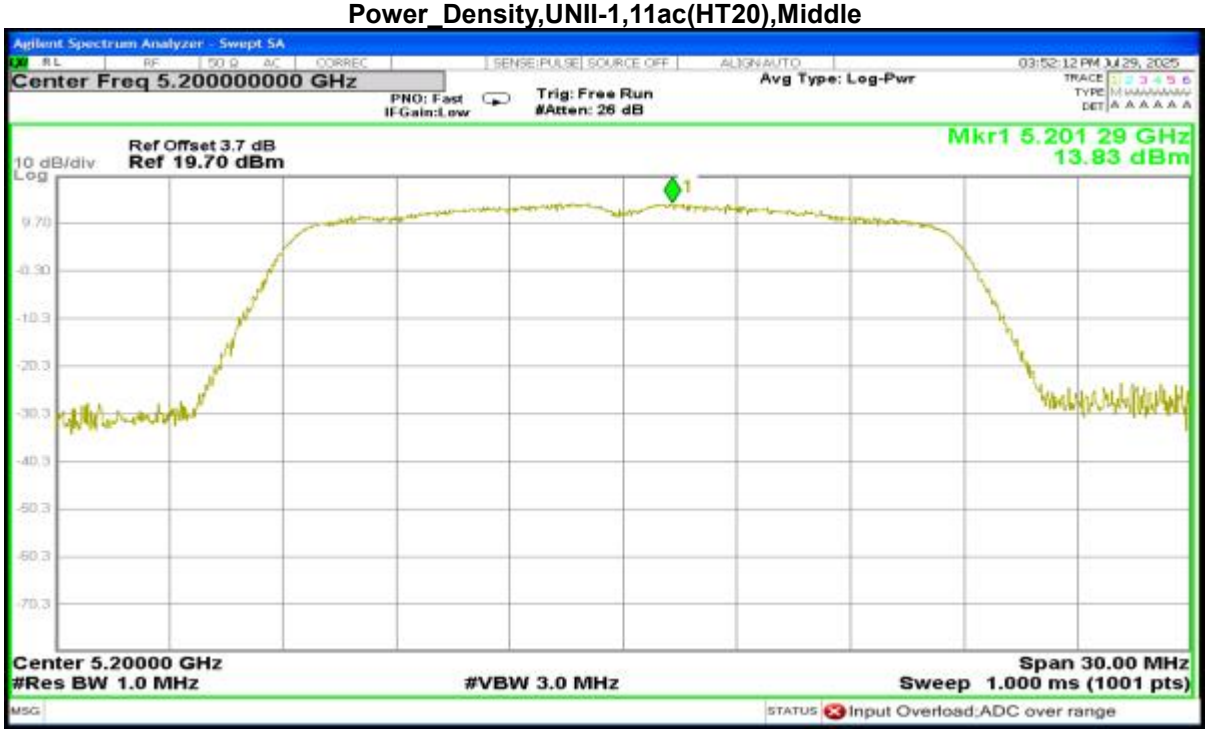


Power_Density,UNII-2A,11ac(HT20),Lowest

Power_Density,UNII-2C,11ac(HT20),Lowest

Power_Density,UNII-3,11ac(HT20),Lowest

Power_Density,UNII-1,11ac(HT20),Middle

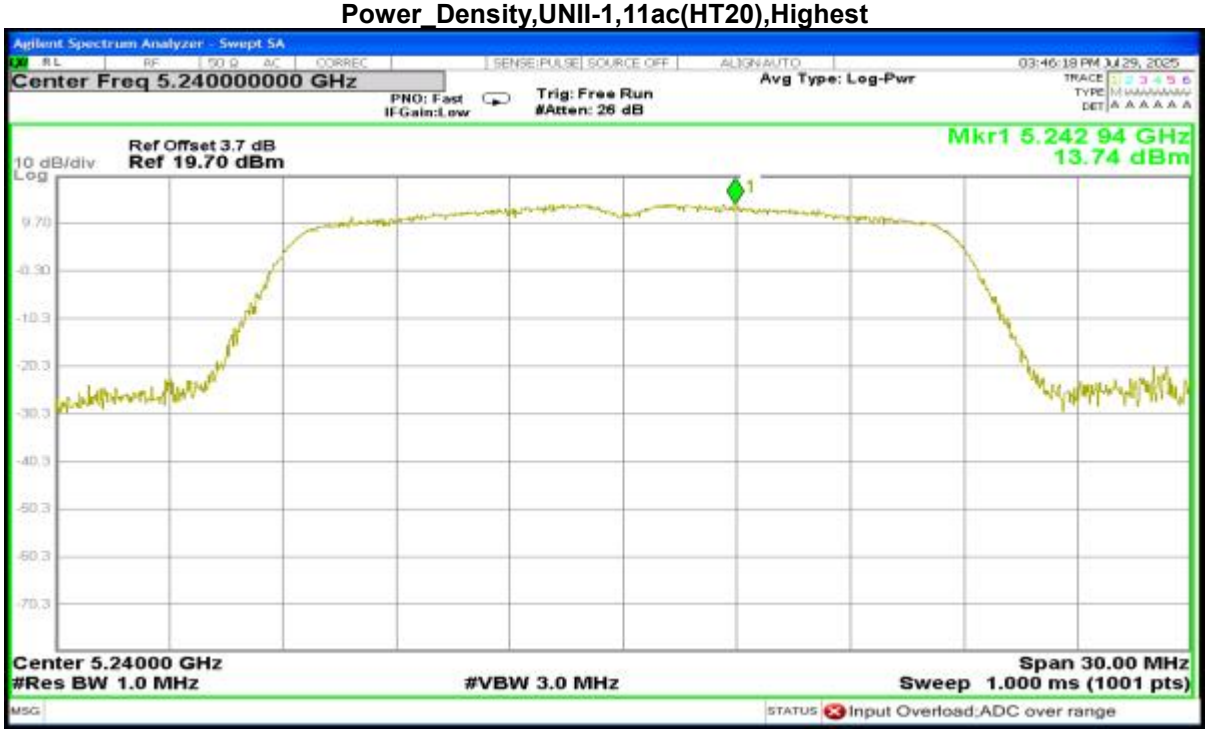


Power_Density,UNII-2A,11ac(HT20),Middle

Power_Density,UNII-2C,11ac(HT20),Middle

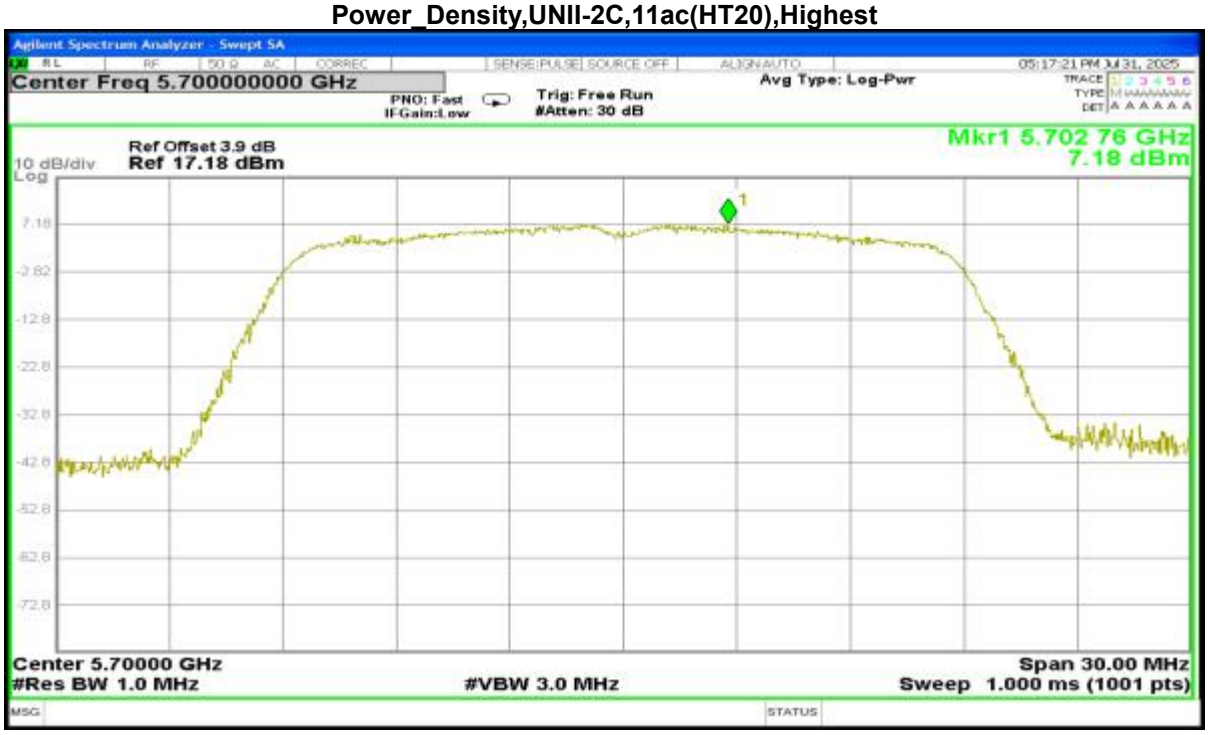
Power_Density,UNII-3,11ac(HT20),Middle

Power_Density,UNII-1,11ac(HT20),Highest



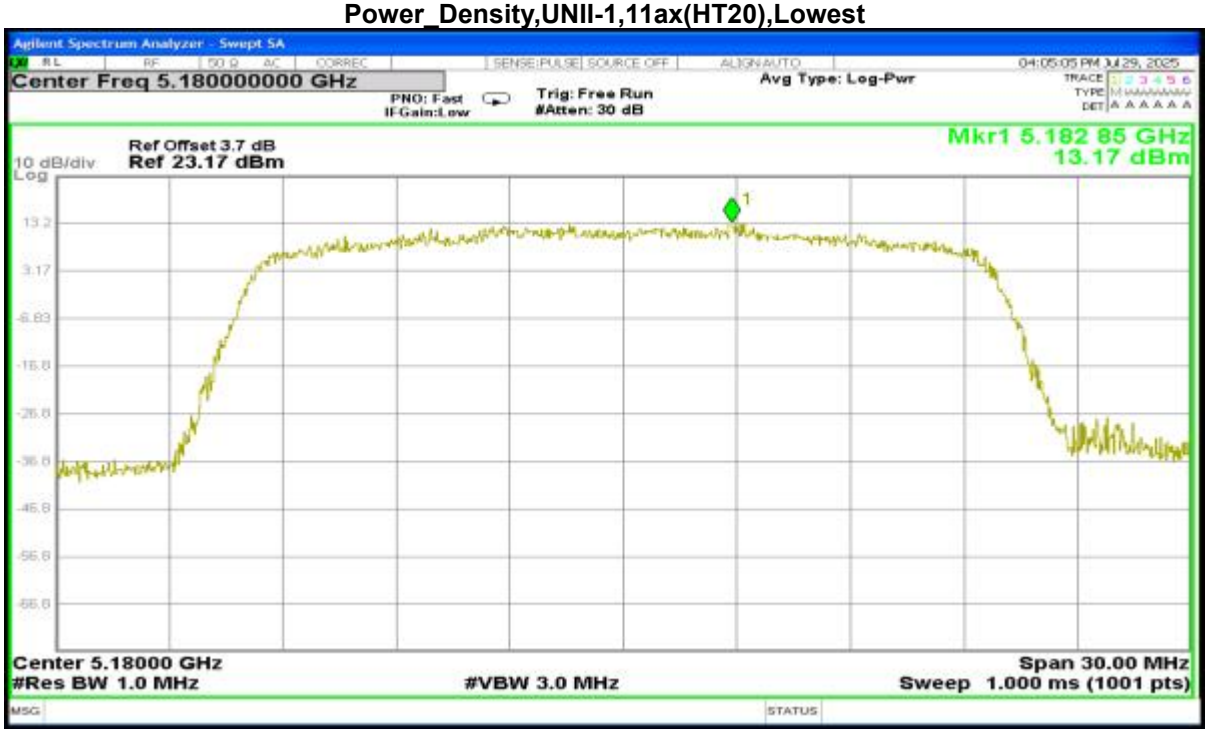
Power_Density,UNII-2A,11ac(HT20),Highest

Power_Density,UNII-2C,11ac(HT20),Highest



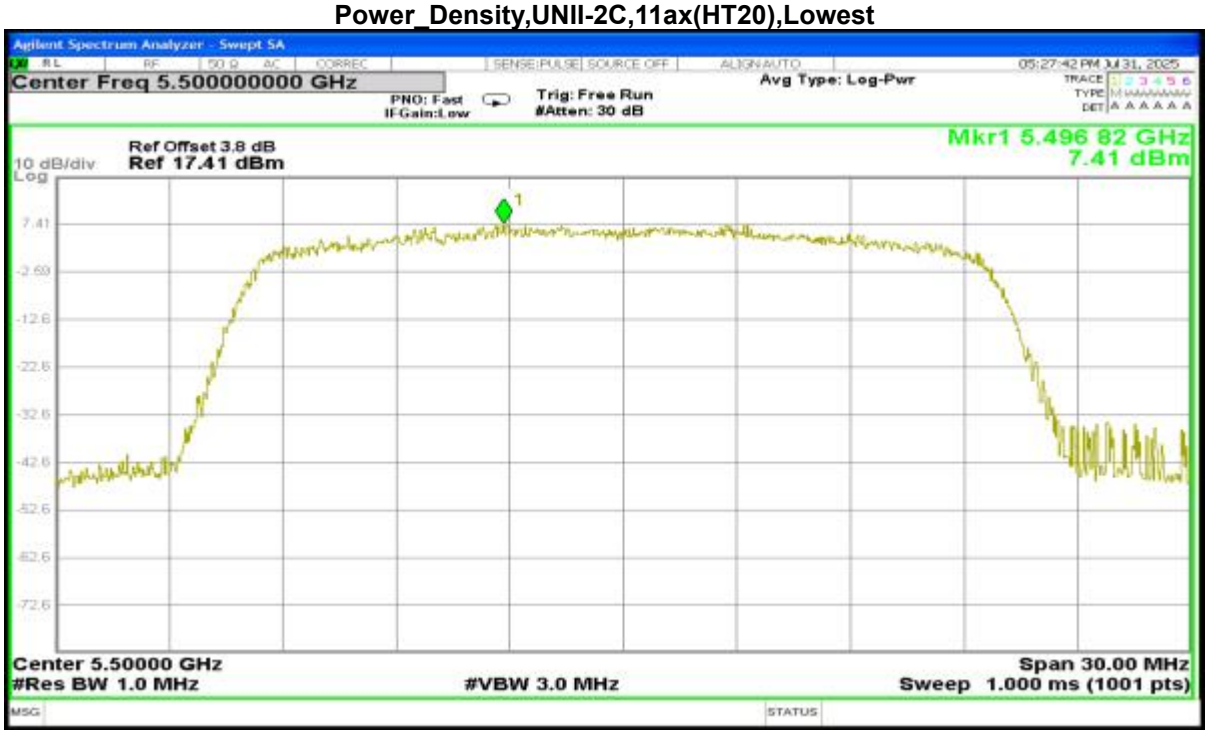
Power_Density,UNII-3,11ac(HT20),Highest

Power_Density,UNII-1,11ax(HT20),Lowest



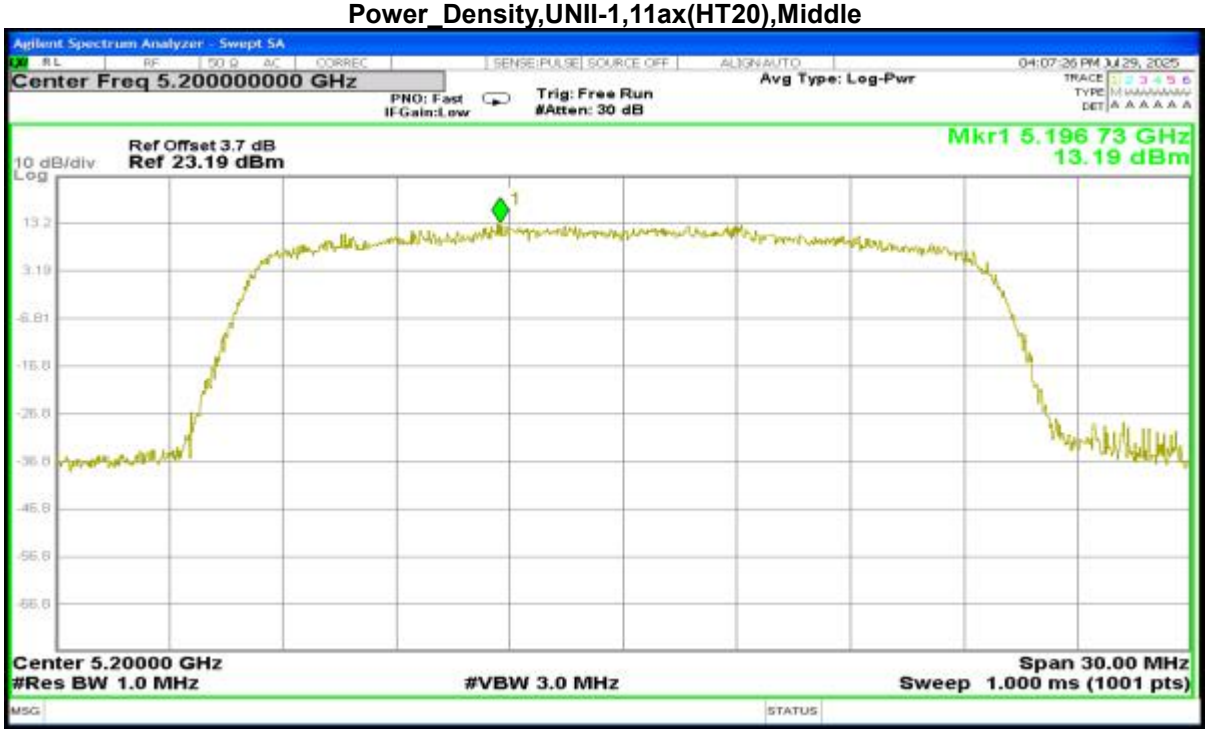
Power_Density,UNII-2A,11ax(HT20),Lowest

Power_Density,UNII-2C,11ax(HT20),Lowest



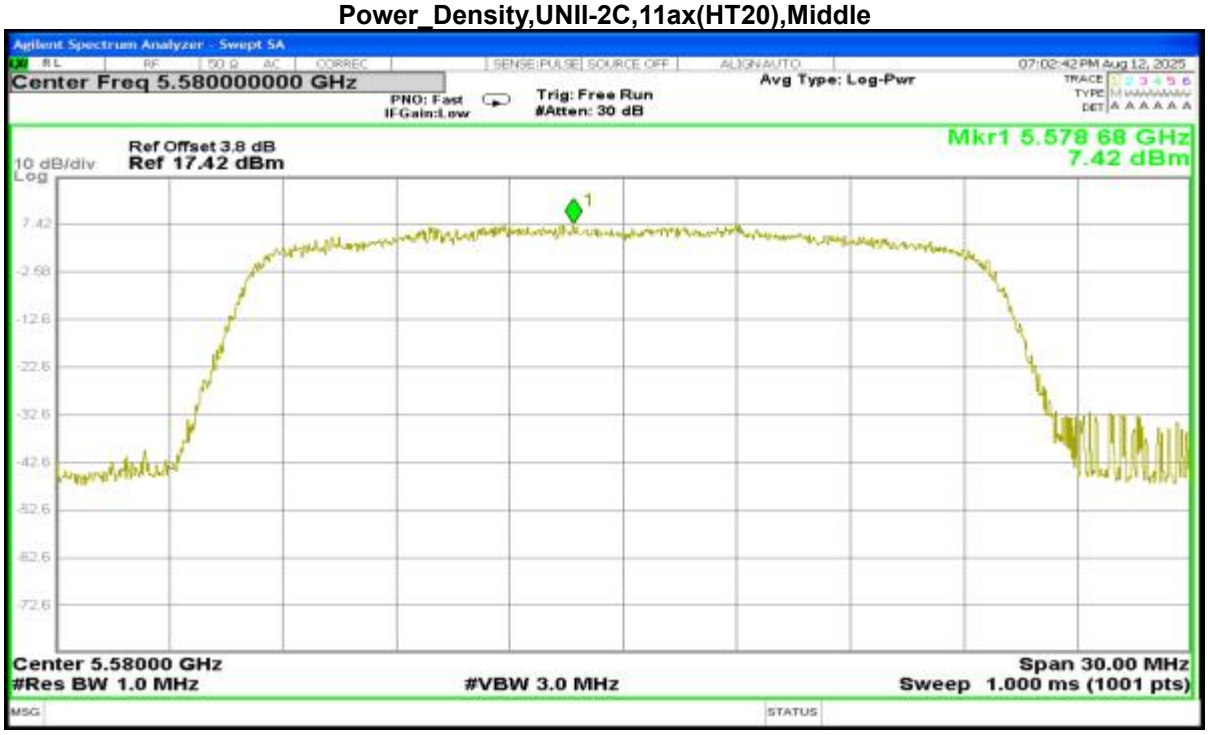
Power_Density,UNII-3,11ax(HT20),Lowest

Power_Density,UNII-1,11ax(HT20),Middle



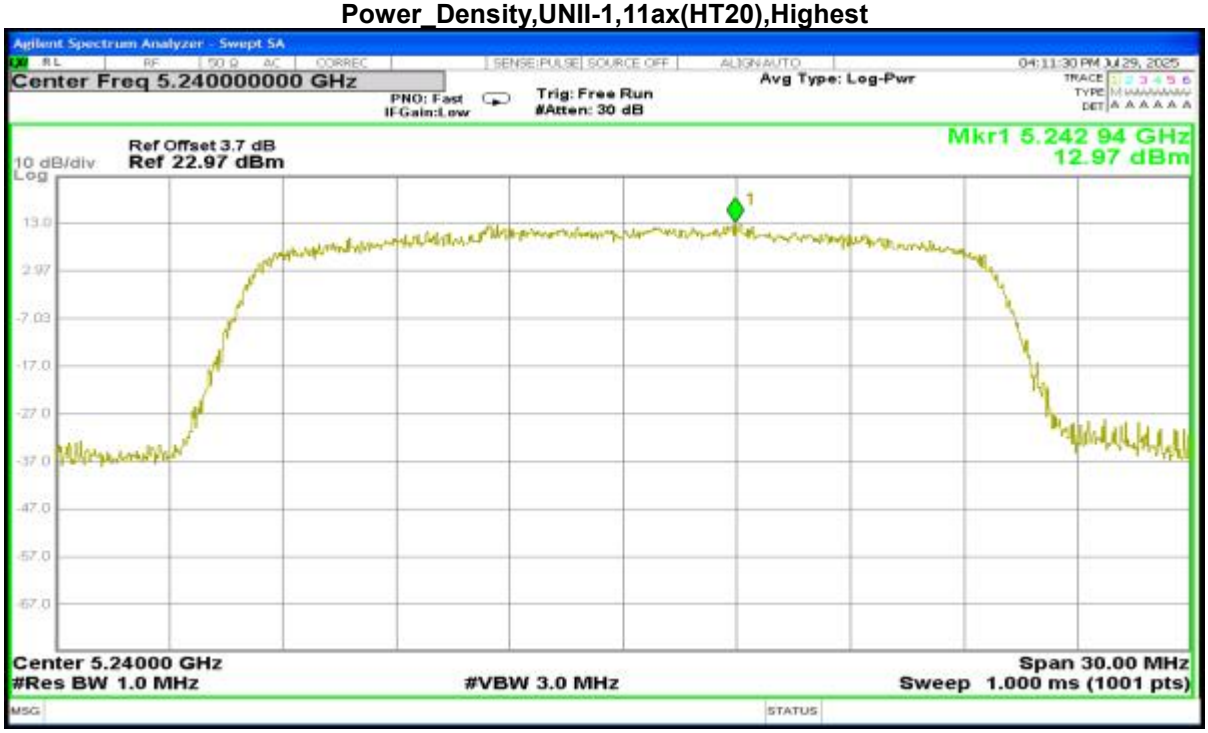
Power_Density,UNII-2A,11ax(HT20),Middle

Power_Density,UNII-2C,11ax(HT20),Middle



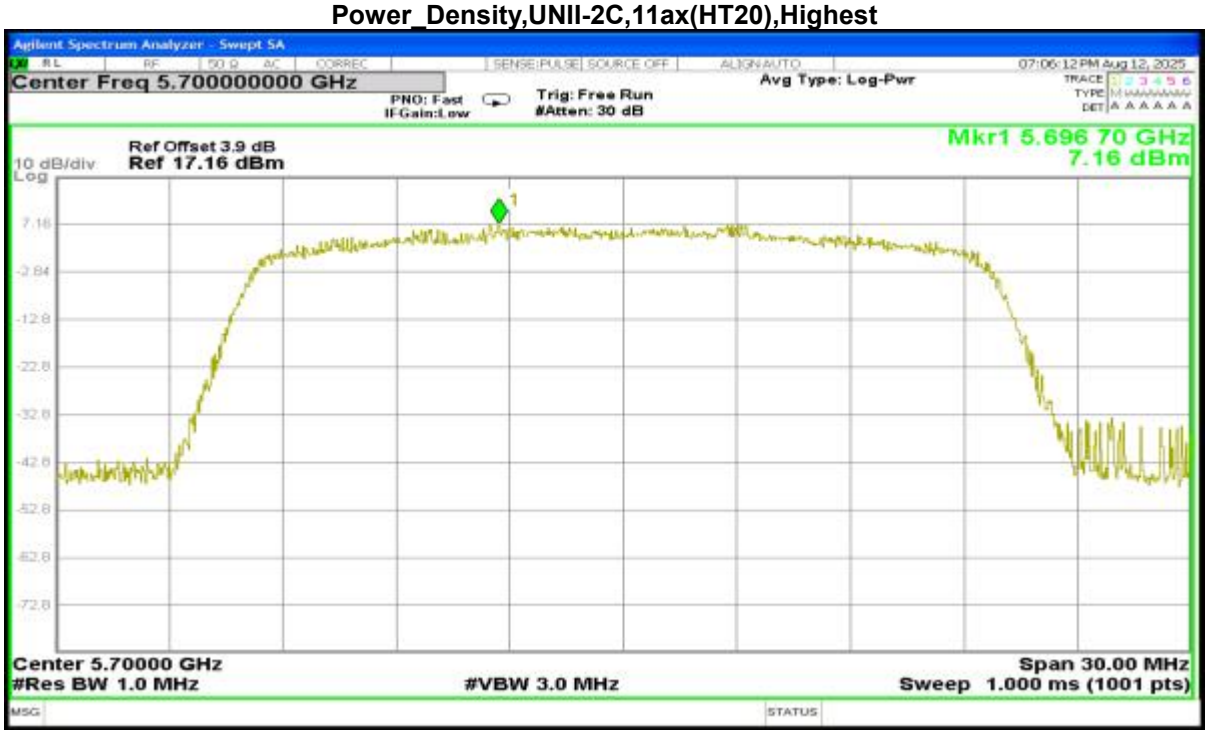
Power_Density,UNII-3,11ax(HT20),Middle

Power_Density,UNII-1,11ax(HT20),Highest



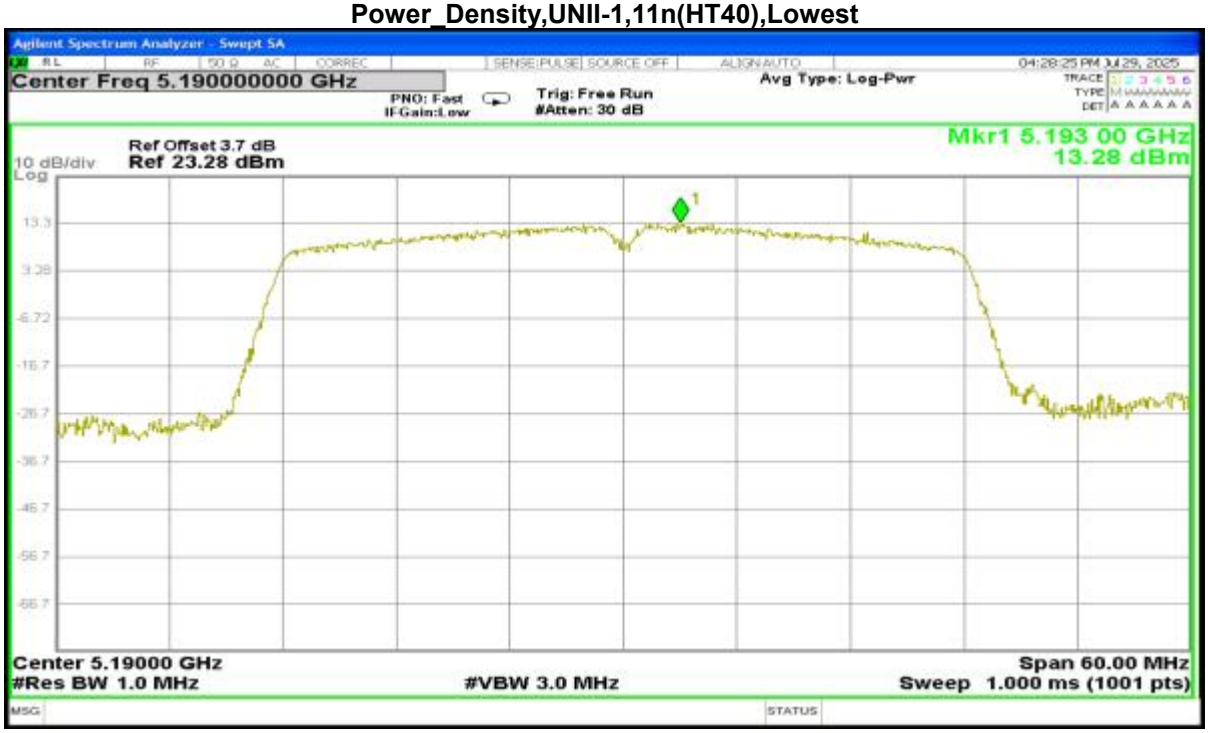
Power_Density,UNII-2A,11ax(HT20),Highest

Power_Density,UNII-2C,11ax(HT20),Highest



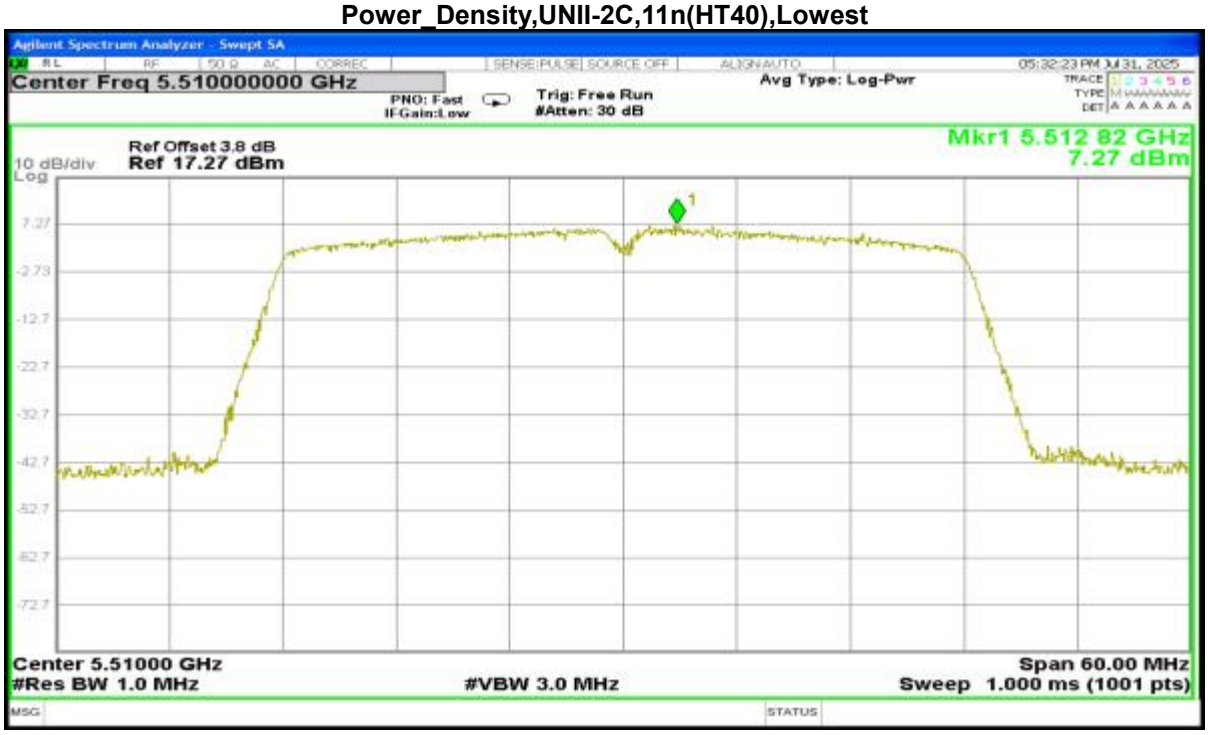
Power_Density,UNII-3,11ax(HT20),Highest

Power_Density,UNII-1,11n(HT40),Lowest



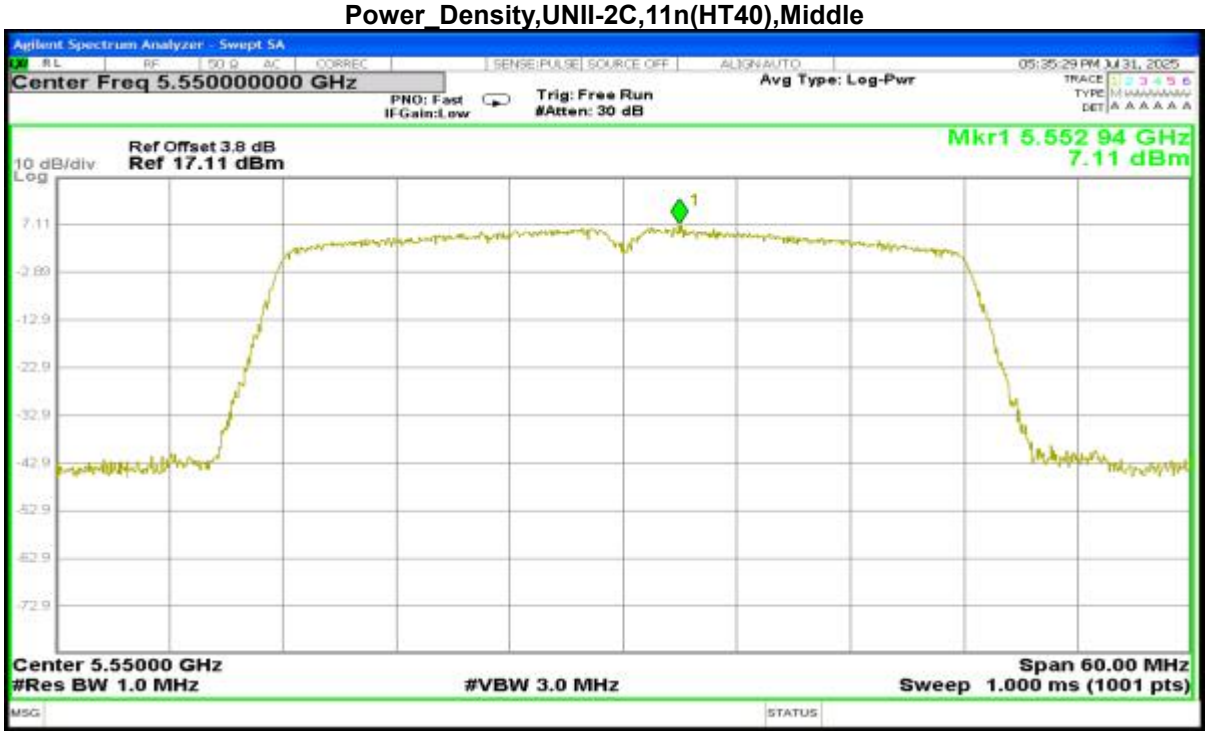
Power_Density,UNII-2A,11n(HT40),Lowest

Power_Density,UNII-2C,11n(HT40),Lowest



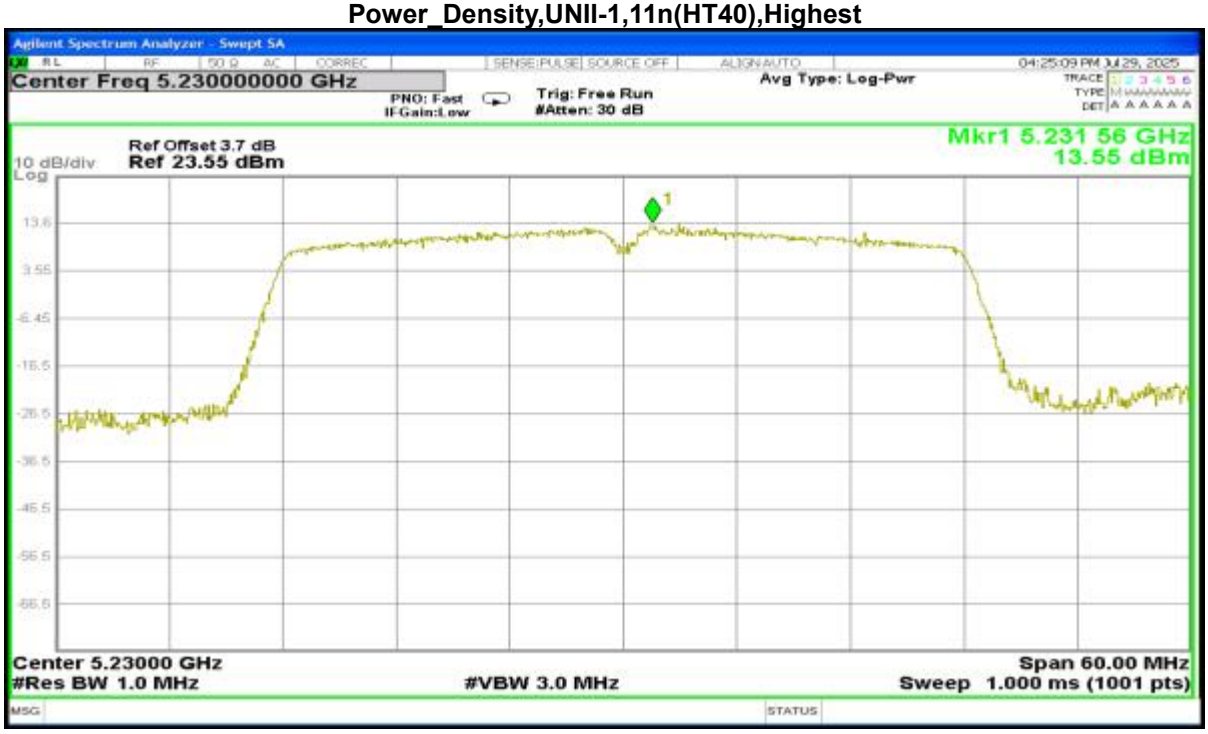
Power_Density,UNII-3,11n(HT40),Lowest

Power_Density,UNII-2C,11n(HT40),Middle



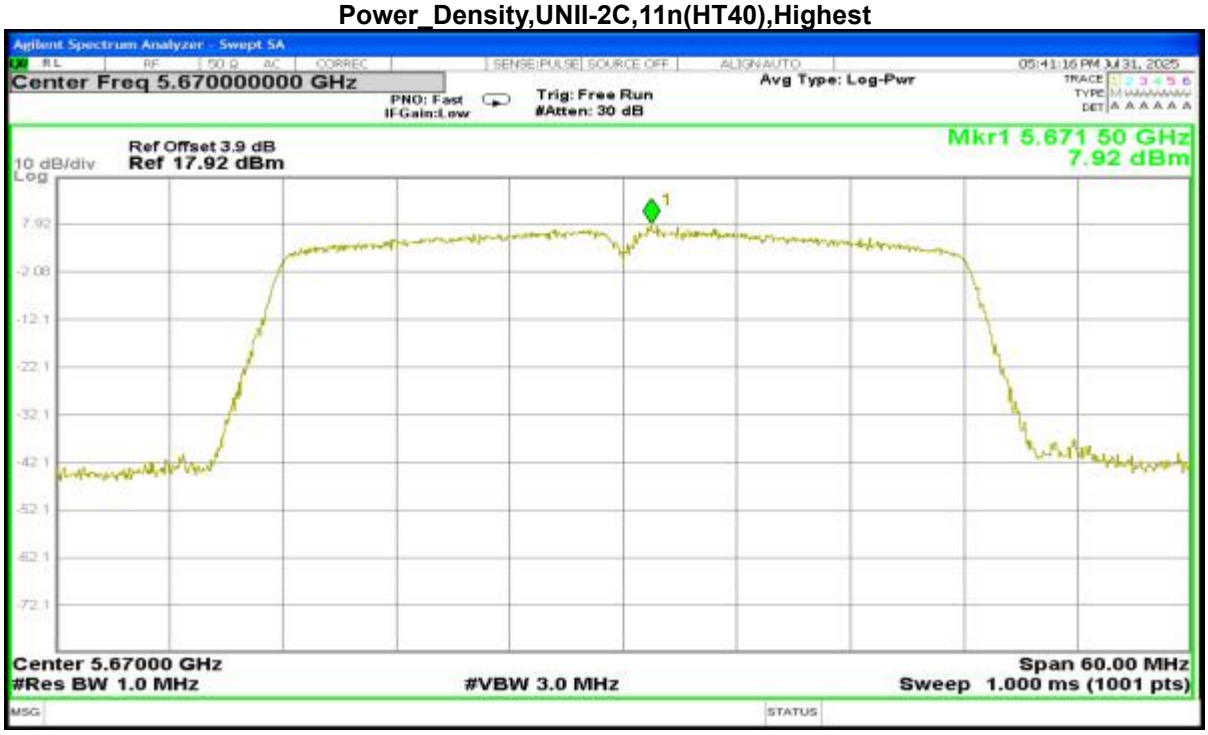
Power_Density,UNII-3,11n(HT40),Highest

Power_Density,UNII-1,11n(HT40),Highest



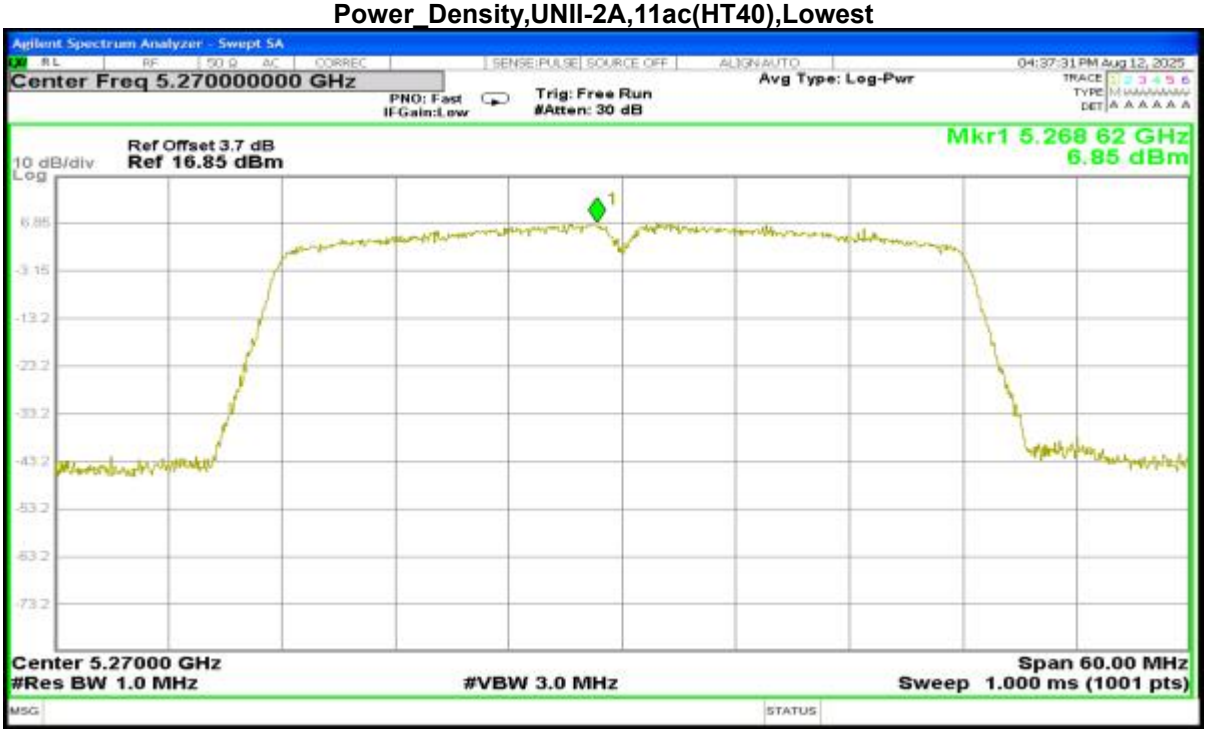
Power_Density,UNII-2A,11n(HT40),Highest

Power_Density,UNII-2C,11n(HT40),Highest



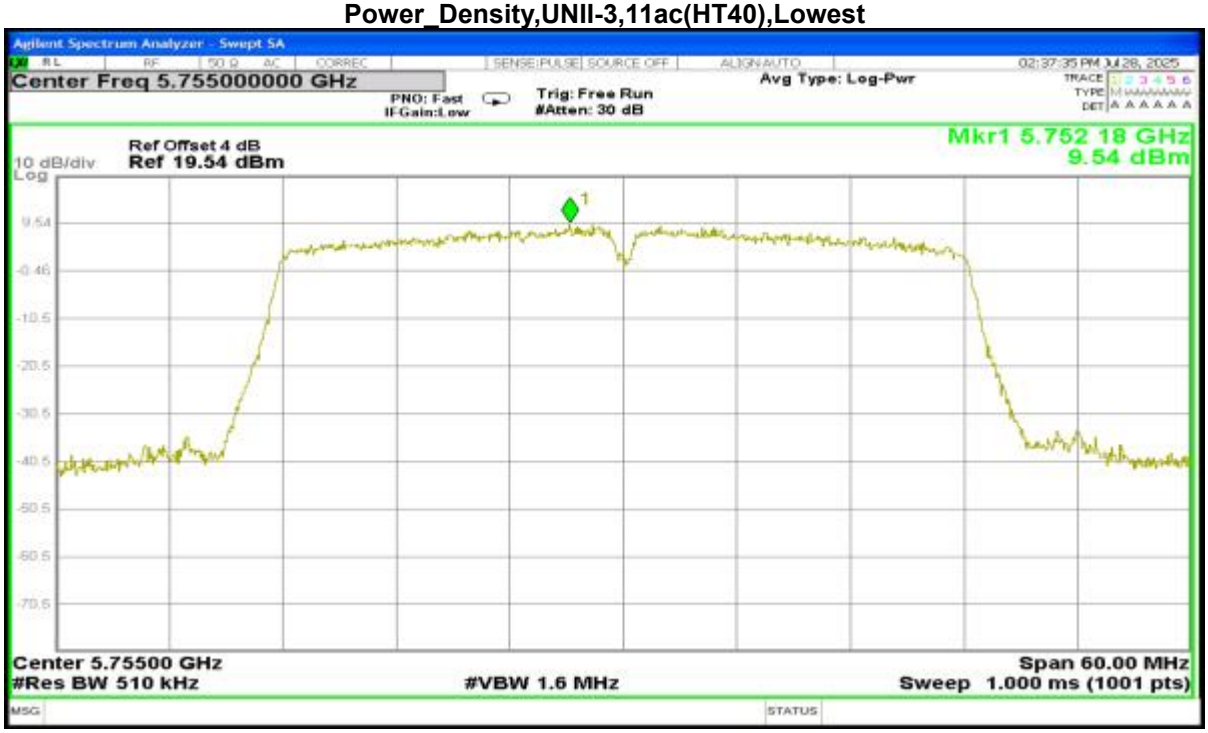
Power_Density,UNII-1,11ac(HT40),Lowest

Power_Density,UNII-2A,11ac(HT40),Lowest



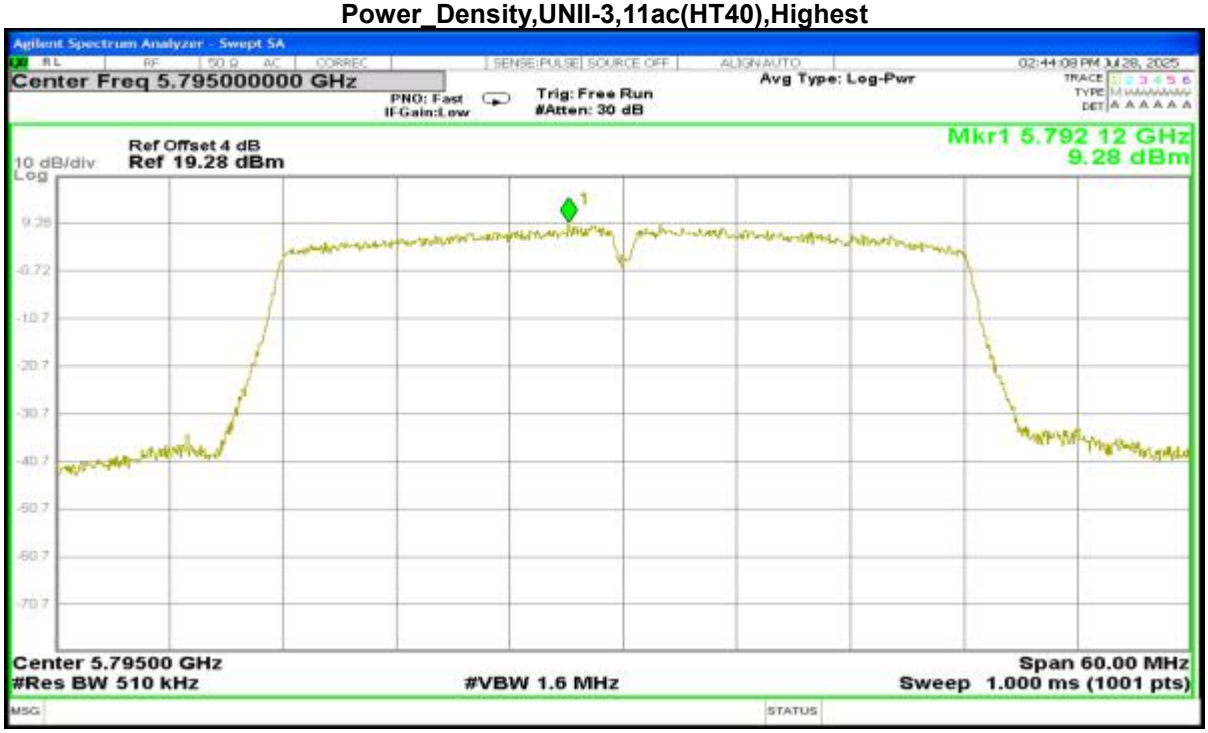
Power_Density,UNII-2C,11ac(HT40),Lowest

Power_Density,UNII-3,11ac(HT40),Lowest



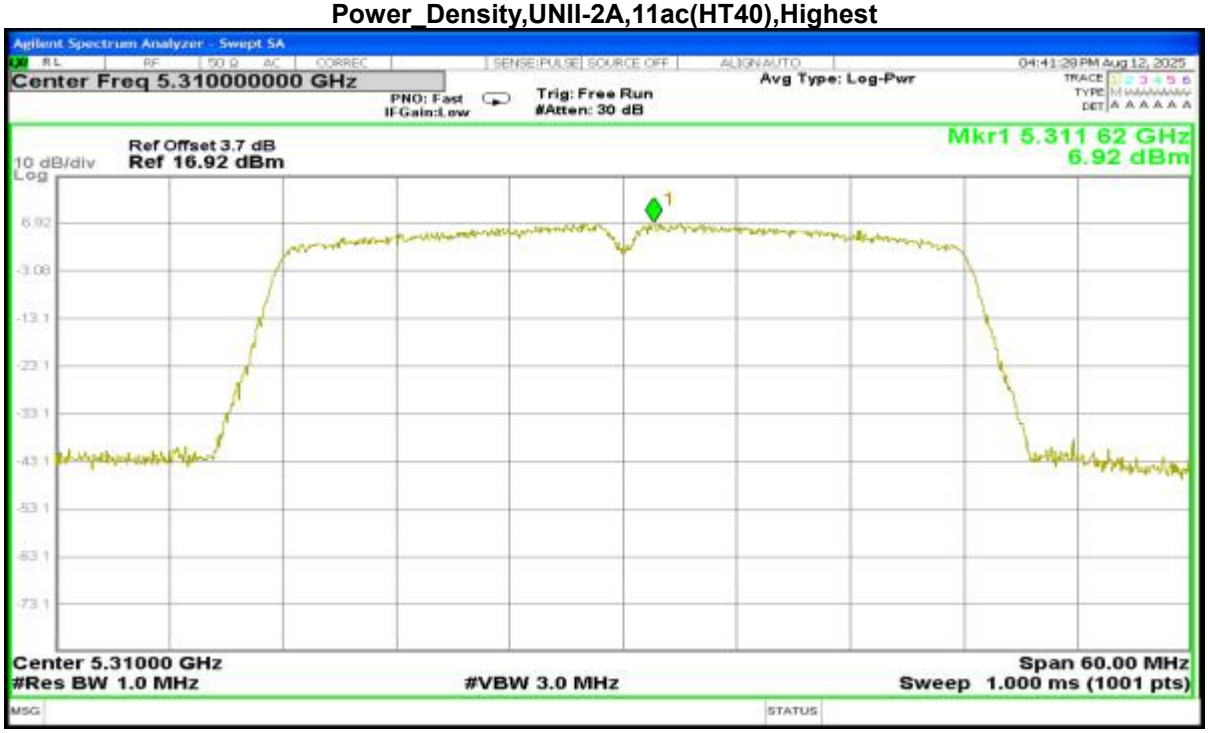
Power_Density,UNII-2C,11ac(HT40),Middle

Power_Density,UNII-3,11ac(HT40),Highest



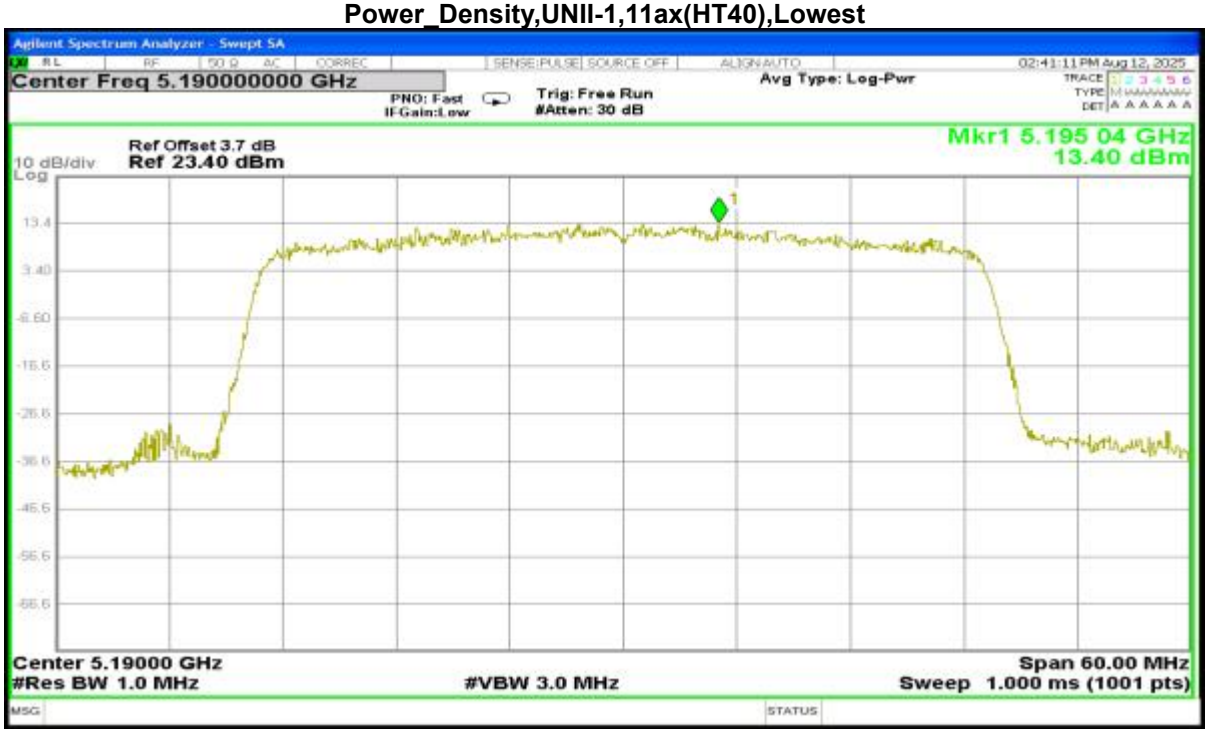
Power_Density,UNII-1,11ac(HT40),Highest

Power_Density,UNII-2A,11ac(HT40),Highest



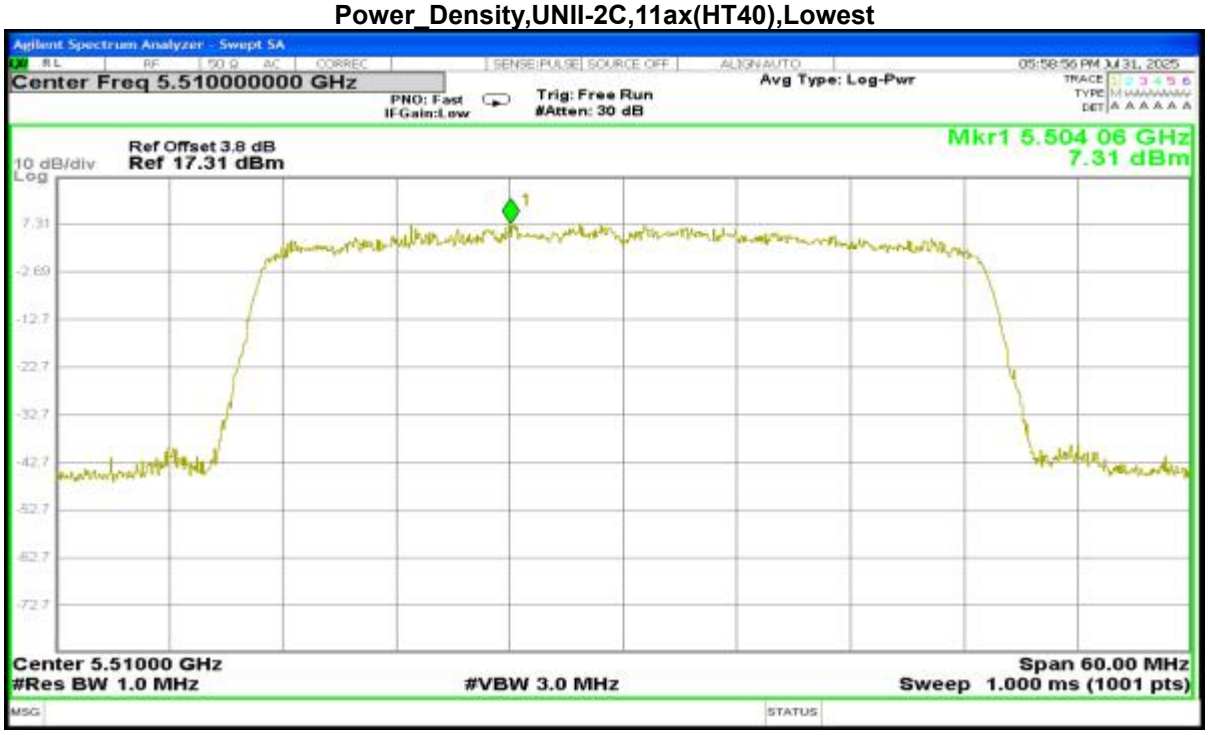
Power_Density,UNII-2C,11ac(HT40),Highest

Power_Density,UNII-1,11ax(HT40),Lowest



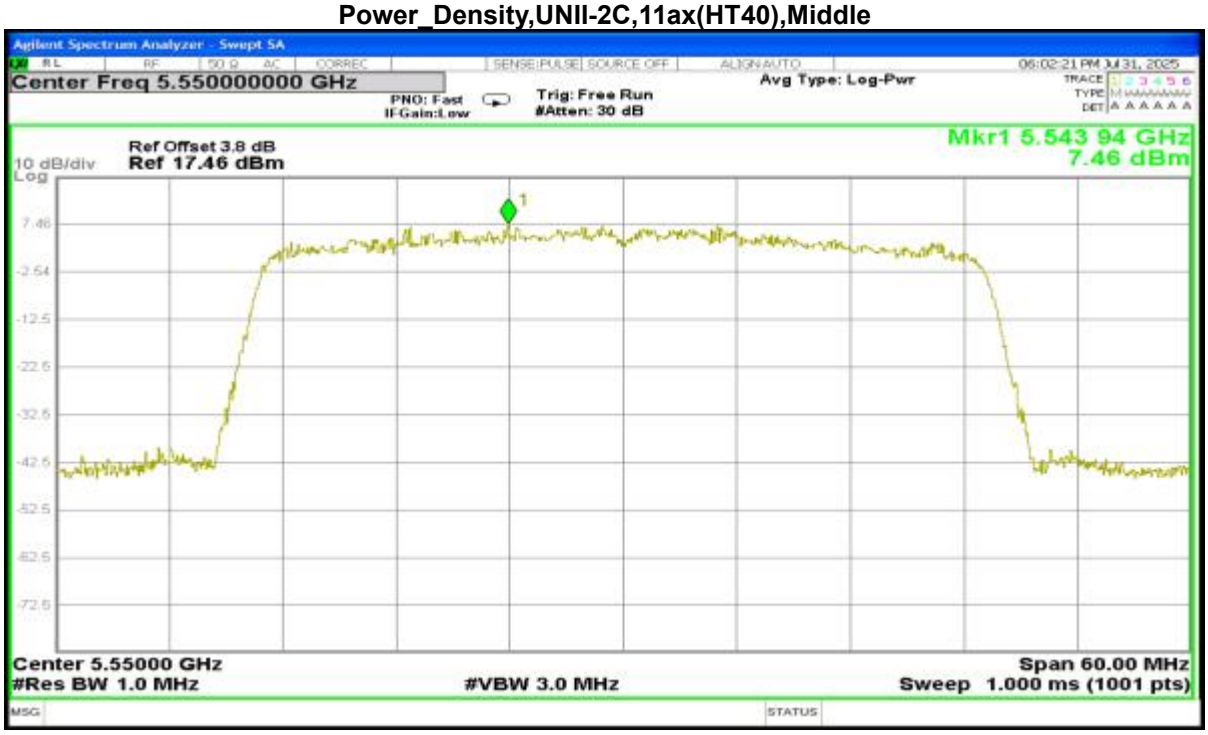
Power_Density,UNII-2A,11ax(HT40),Lowest

Power_Density,UNII-2C,11ax(HT40),Lowest



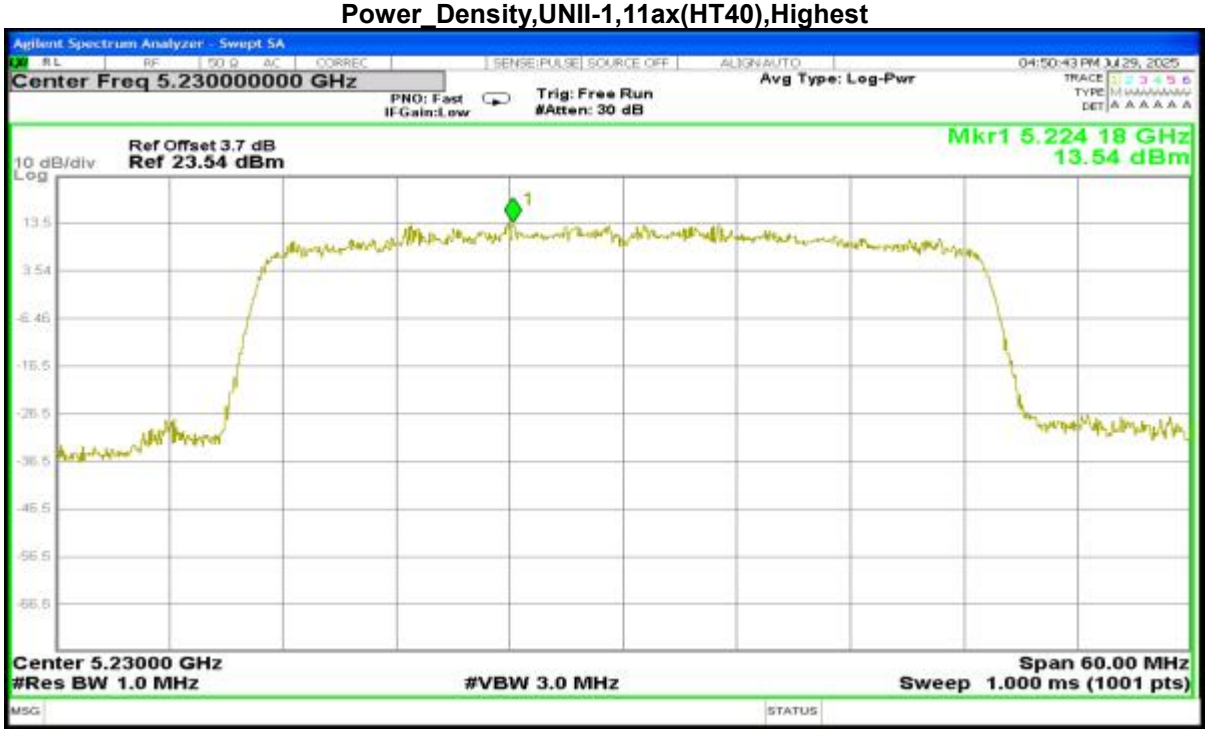
Power_Density,UNII-3,11ax(HT40),Lowest

Power_Density,UNII-2C,11ax(HT40),Middle



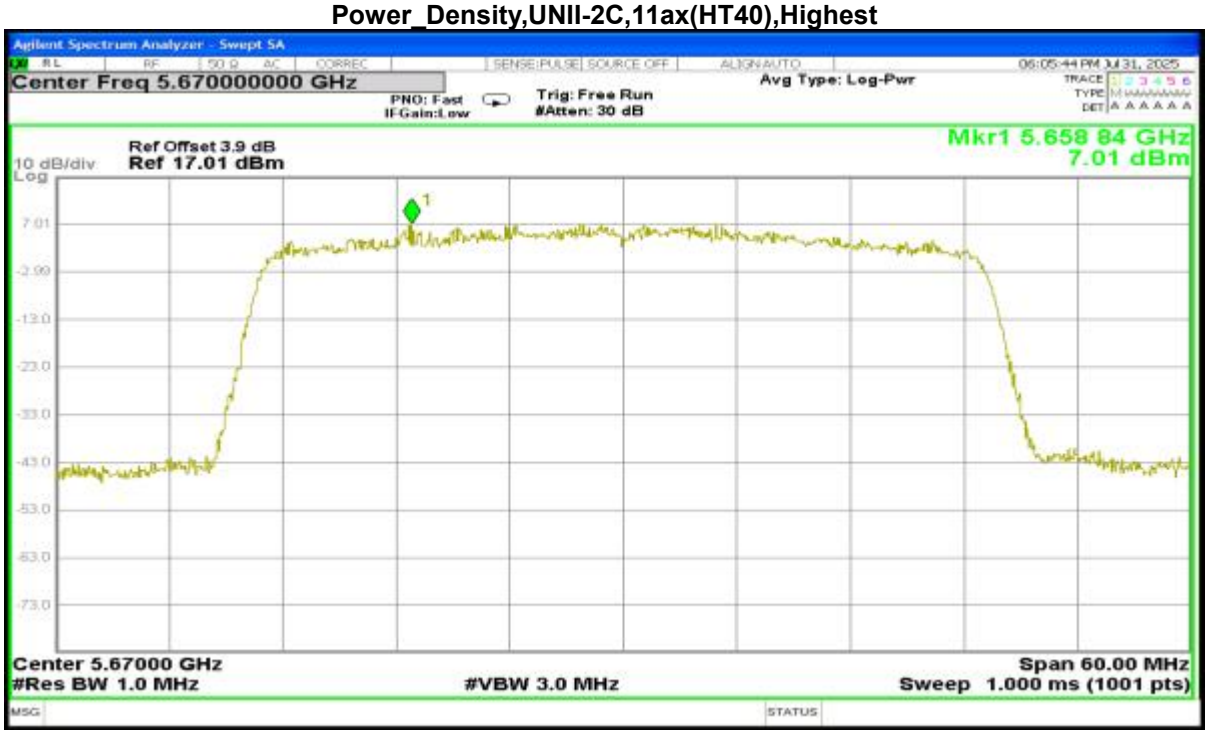
Power_Density,UNII-3,11ax(HT40),Highest

Power_Density,UNII-1,11ax(HT40),Highest



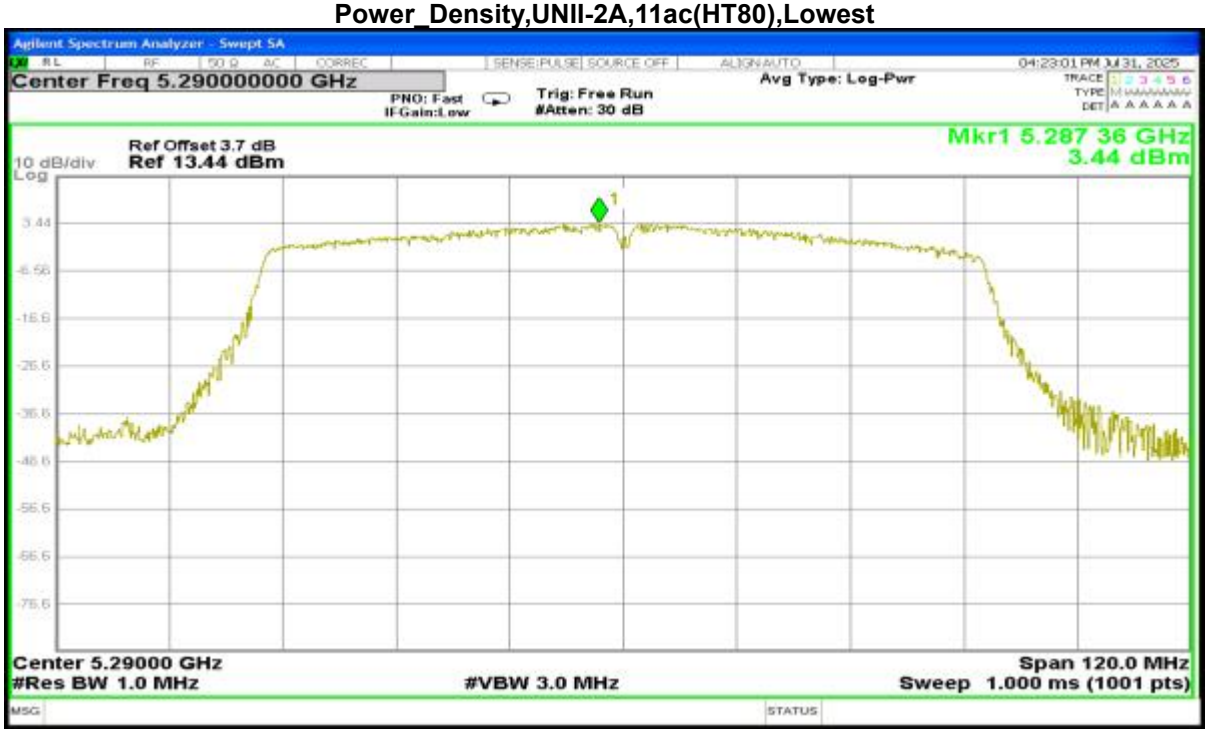
Power_Density,UNII-2A,11ax(HT40),Highest

Power_Density,UNII-2C,11ax(HT40),Highest



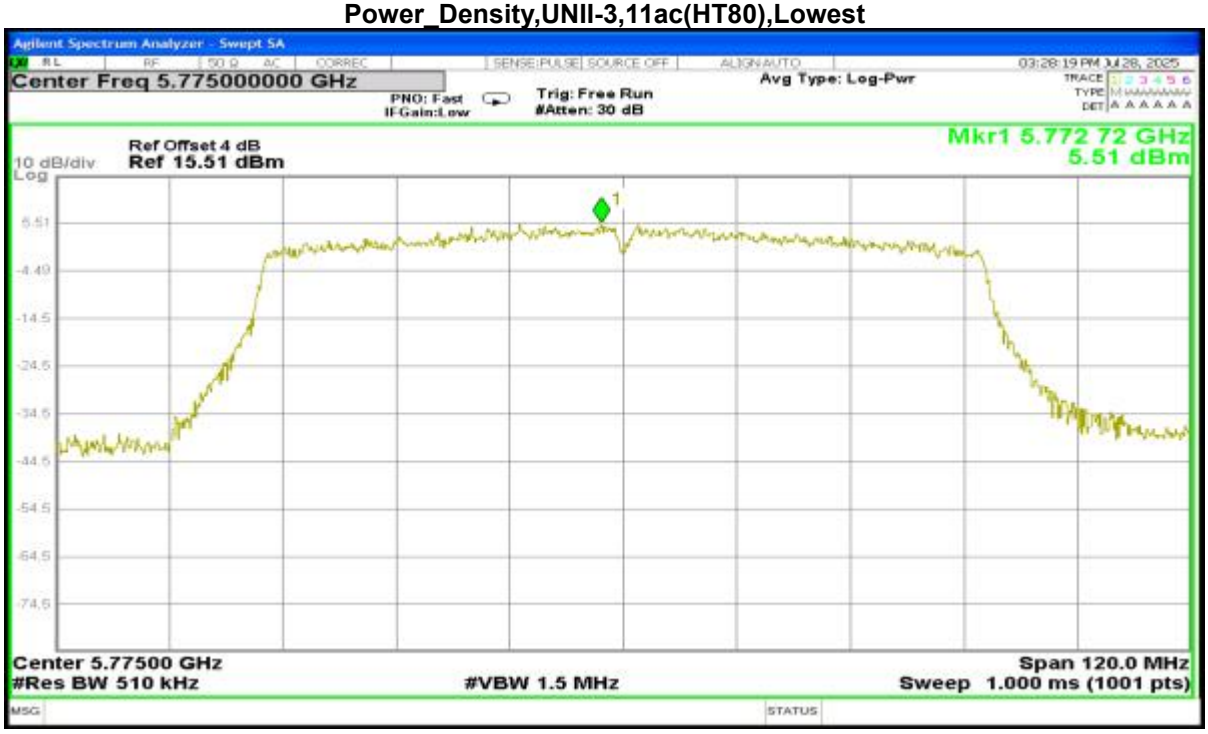
Power_Density,UNII-1,11ac(HT80),Lowest

Power_Density,UNII-2A,11ac(HT80),Lowest



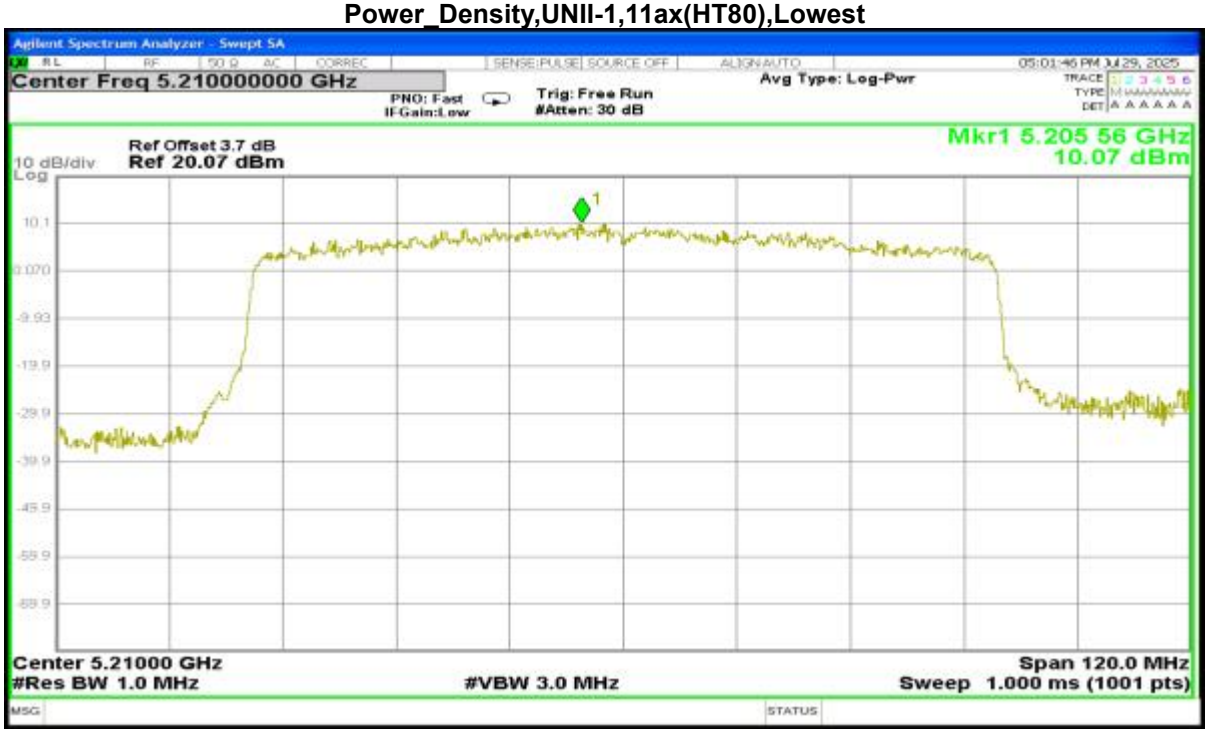
Power_Density,UNII-2C,11ac(HT80),Lowest

Power_Density,UNII-3,11ac(HT80),Lowest



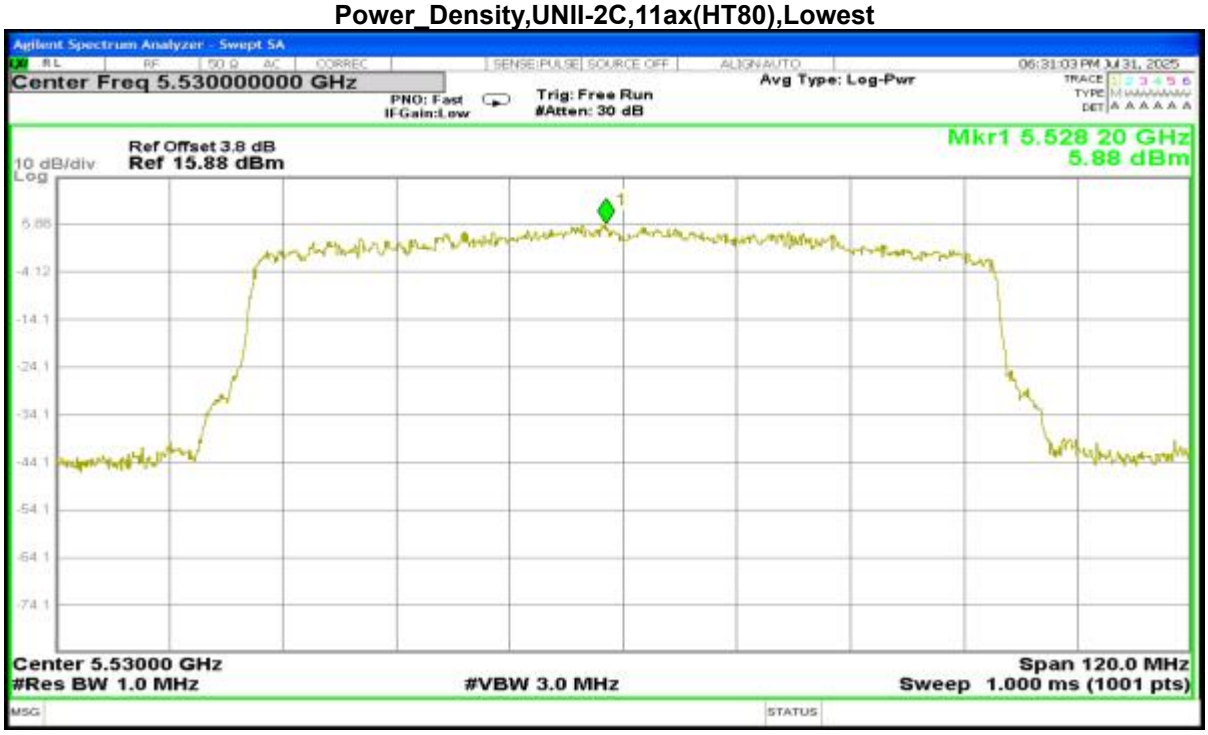
Power_Density,UNII-2C,11ac(HT80),Highest

Power_Density,UNII-1,11ax(HT80),Lowest



Power_Density,UNII-2A,11ax(HT80),Lowest

Power_Density,UNII-2C,11ax(HT80),Lowest



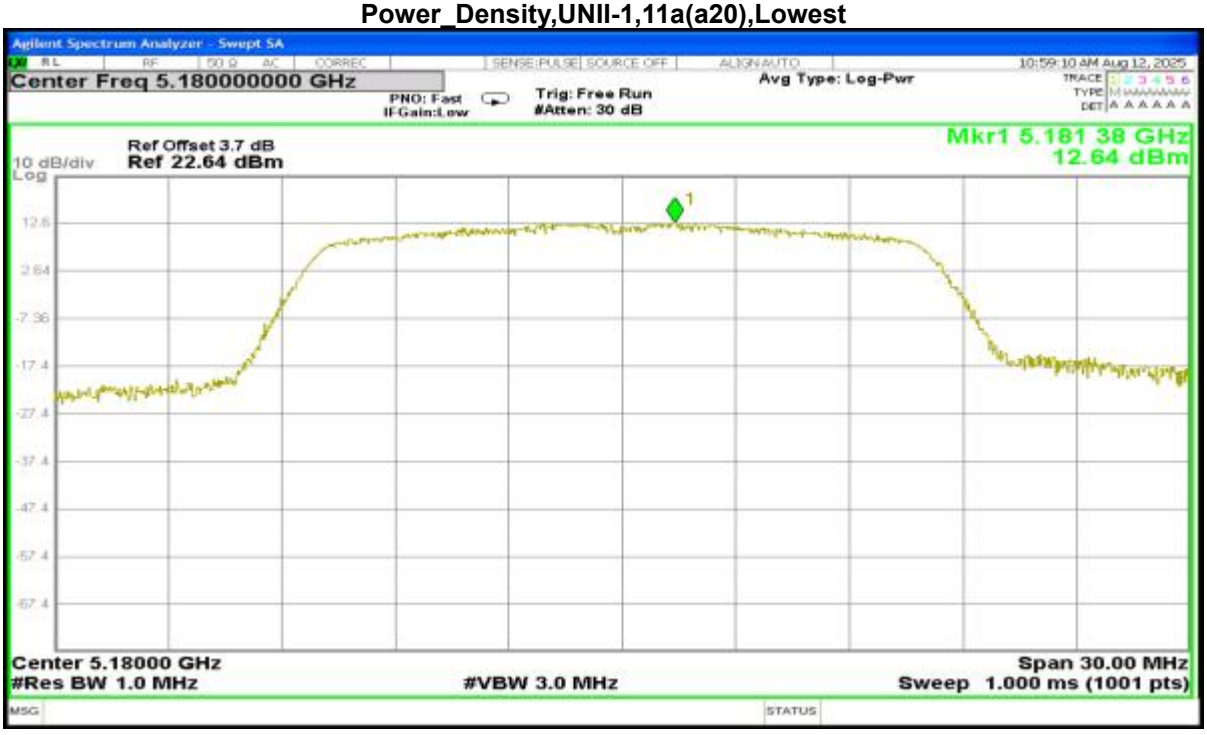
Power_Density,UNII-3,11ax(HT80),Lowest


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
03:33:10 PM Jul 28, 2025
Ref Offset 4 dB
10 dB/div
Log
Ref 17.01 dBm
Mkr1 5.767 32 GHz
7.01 dBm
7.01
-2.99
-13.0
-23.0
-33.0
-43.0
-53.0
-63.0
-73.0
Center 5.77500 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 120.0 MHz
Sweep 1.000 ms (1001 pts)
MSG
STATUS

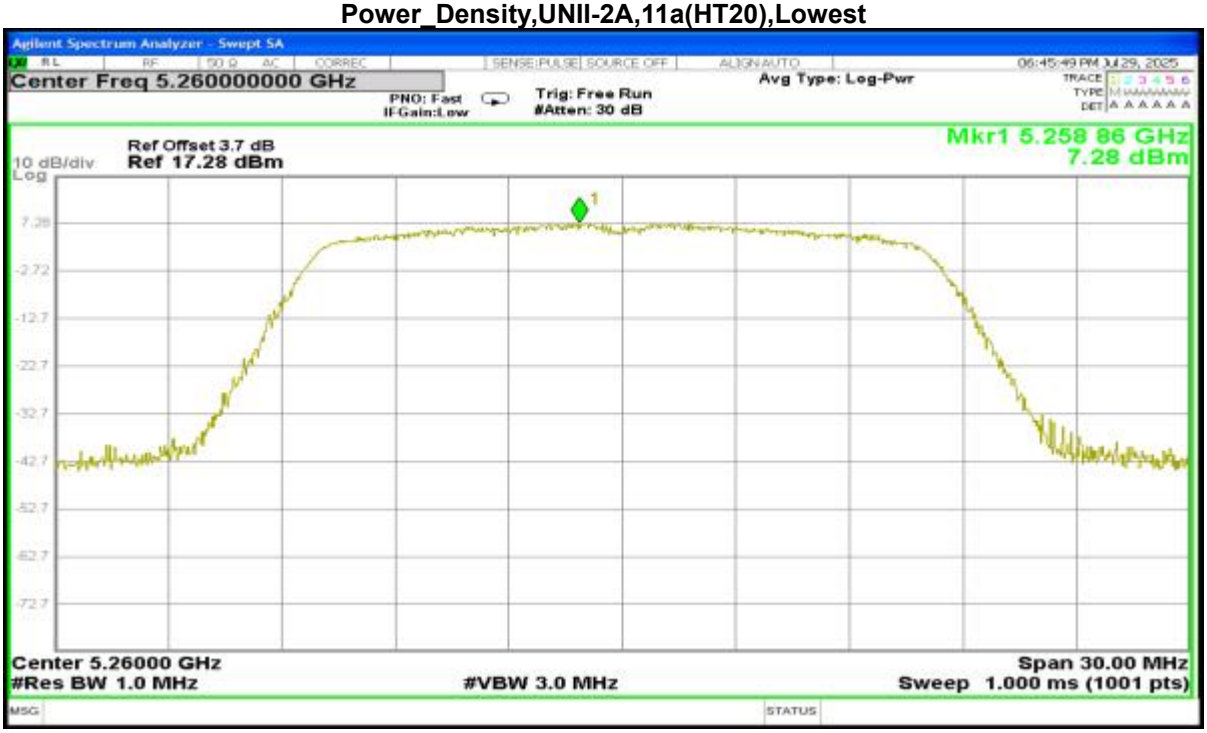
Antenna 2:

The Antenna 2 test image is as follows:

Power_Density,UNII-1,11a(a20),Lowest

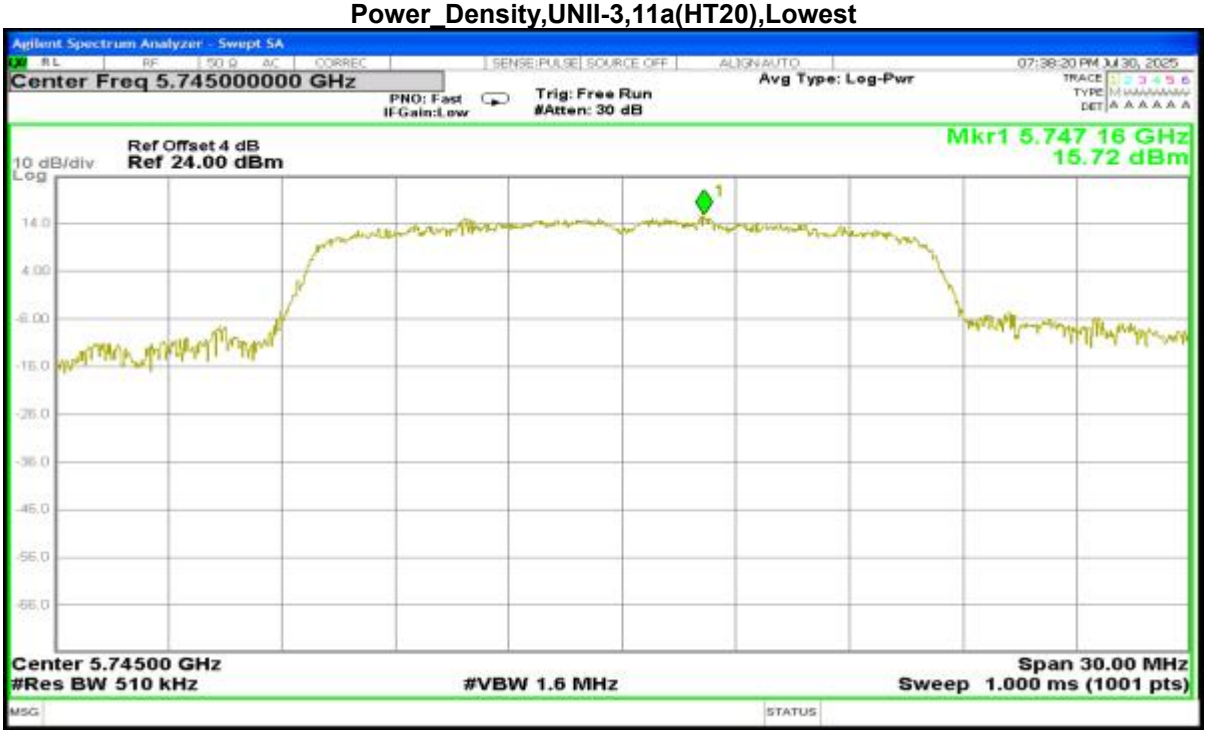


Power_Density,UNII-2A,11a(HT20),Lowest

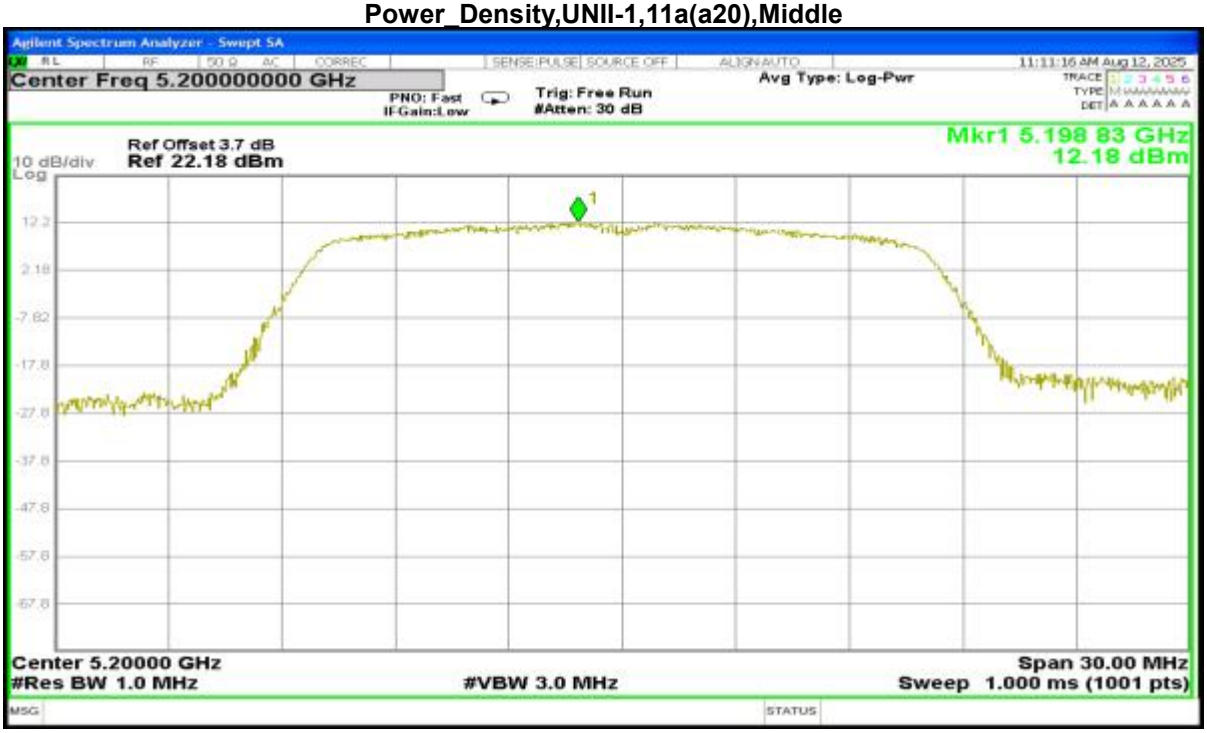


Power_Density,UNII-2C,11a(HT20),Lowest

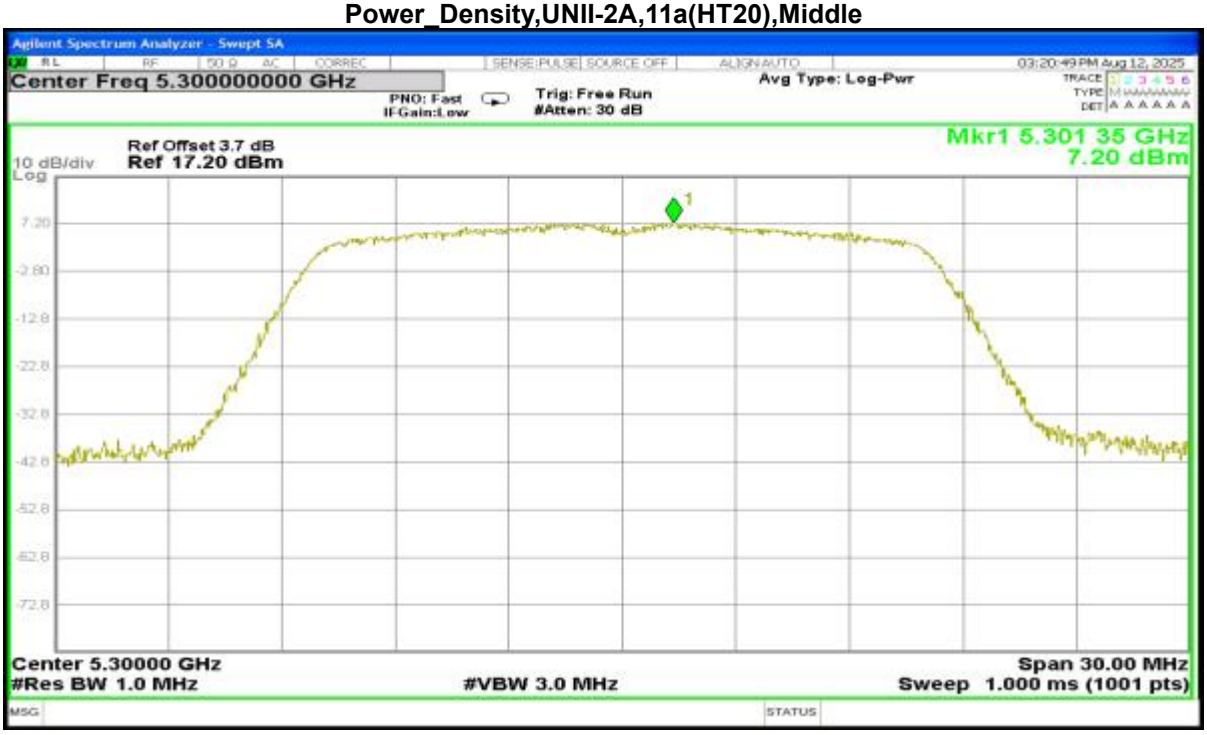
Power_Density,UNII-3,11a(HT20),Lowest



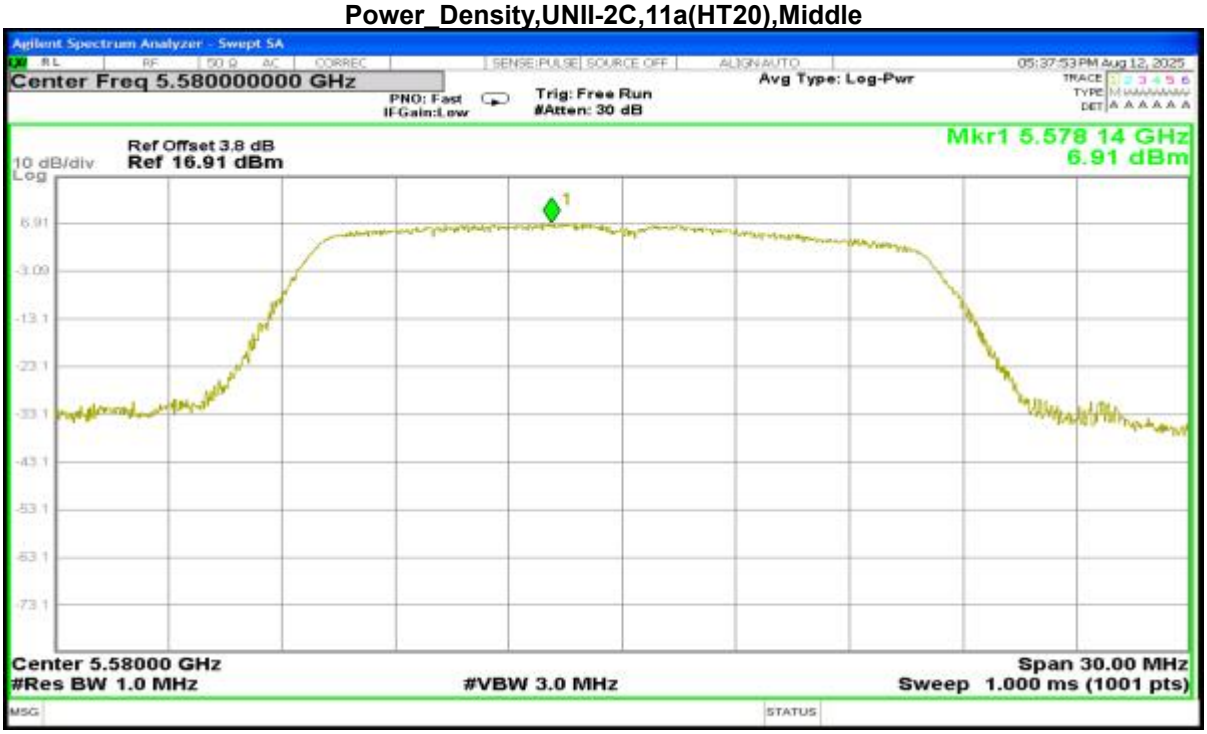
Power_Density,UNII-1,11a(a20),Middle



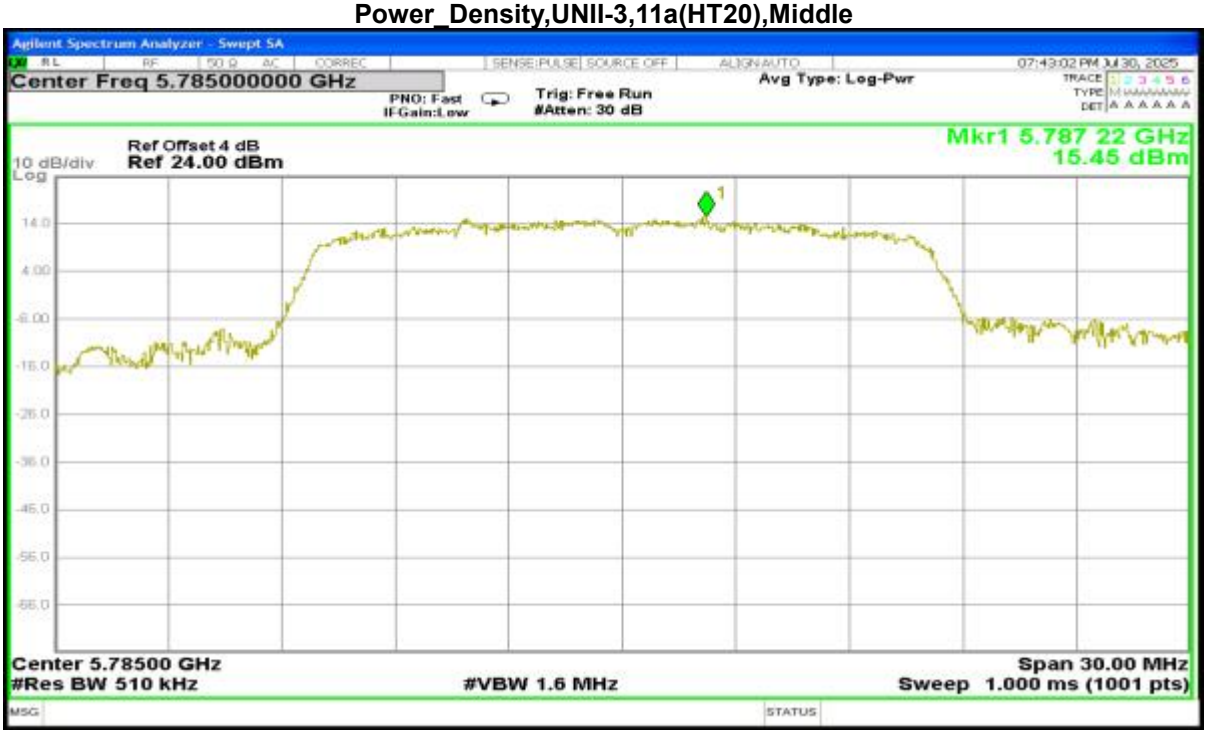
Power_Density,UNII-2A,11a(HT20),Middle



Power_Density,UNII-2C,11a(HT20),Middle

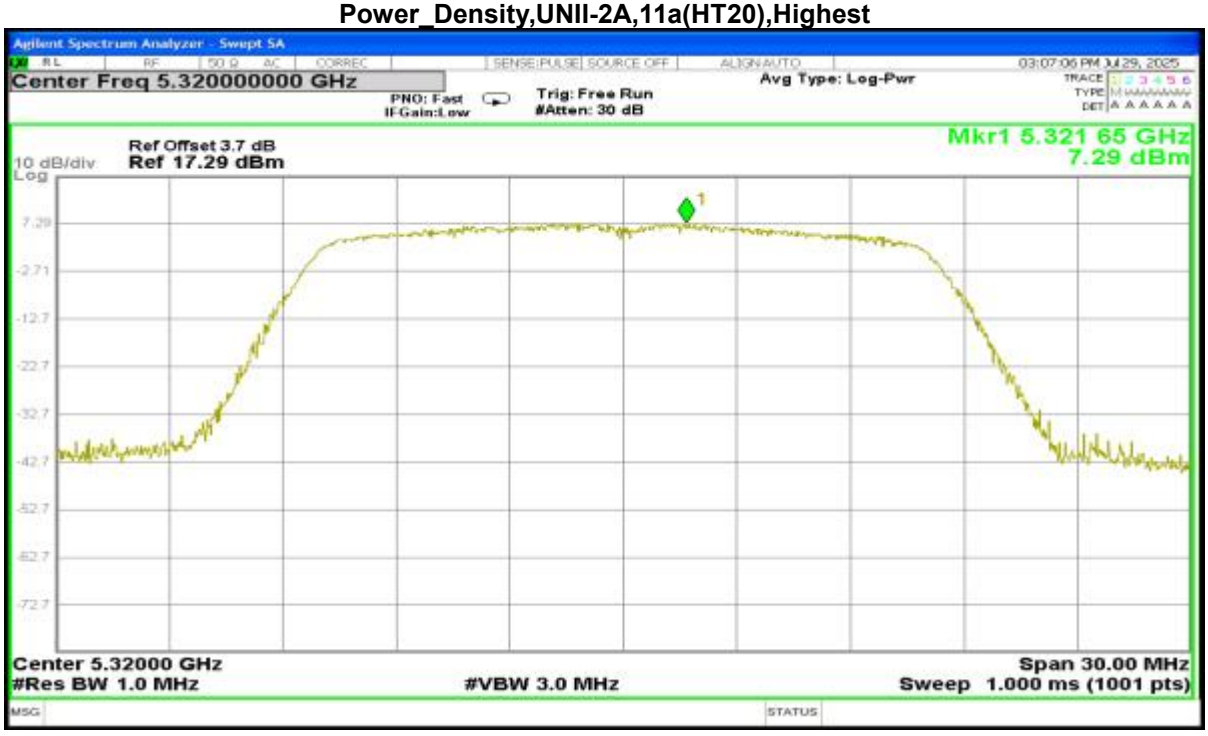


Power_Density,UNII-3,11a(HT20),Middle



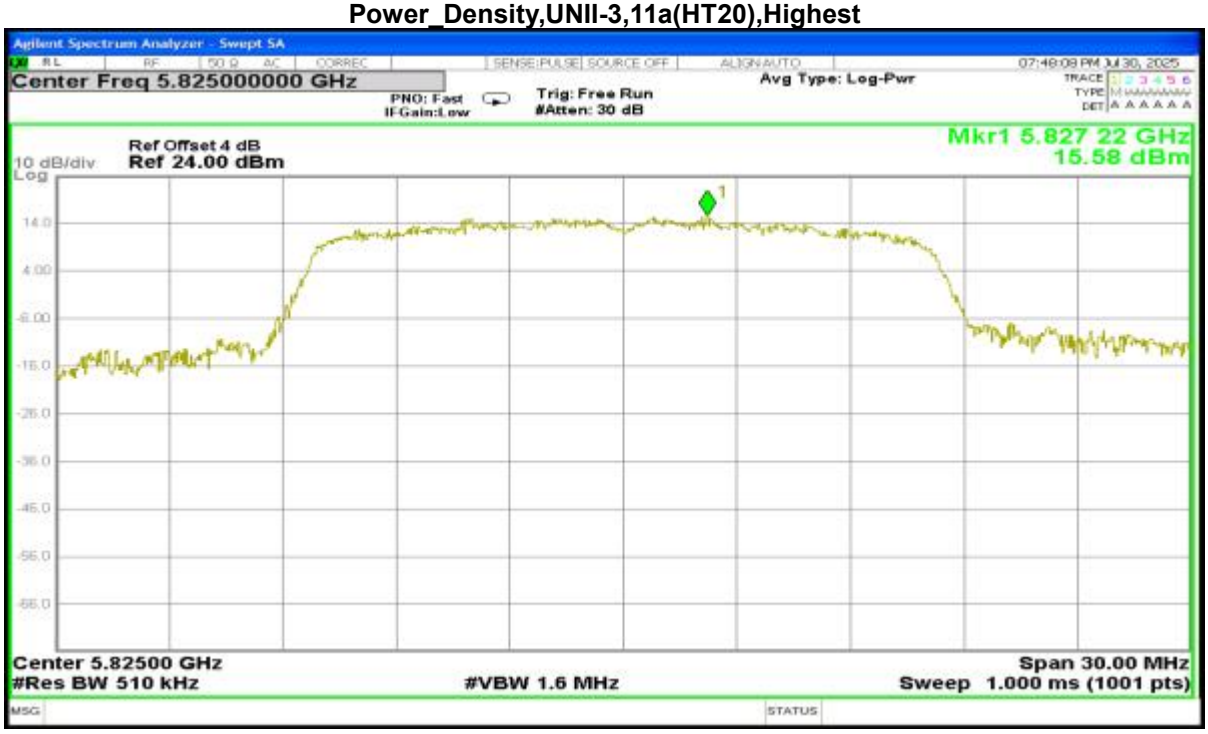
Power_Density,UNII-1,11a(a20),Highest

Power_Density,UNII-2A,11a(HT20),Highest



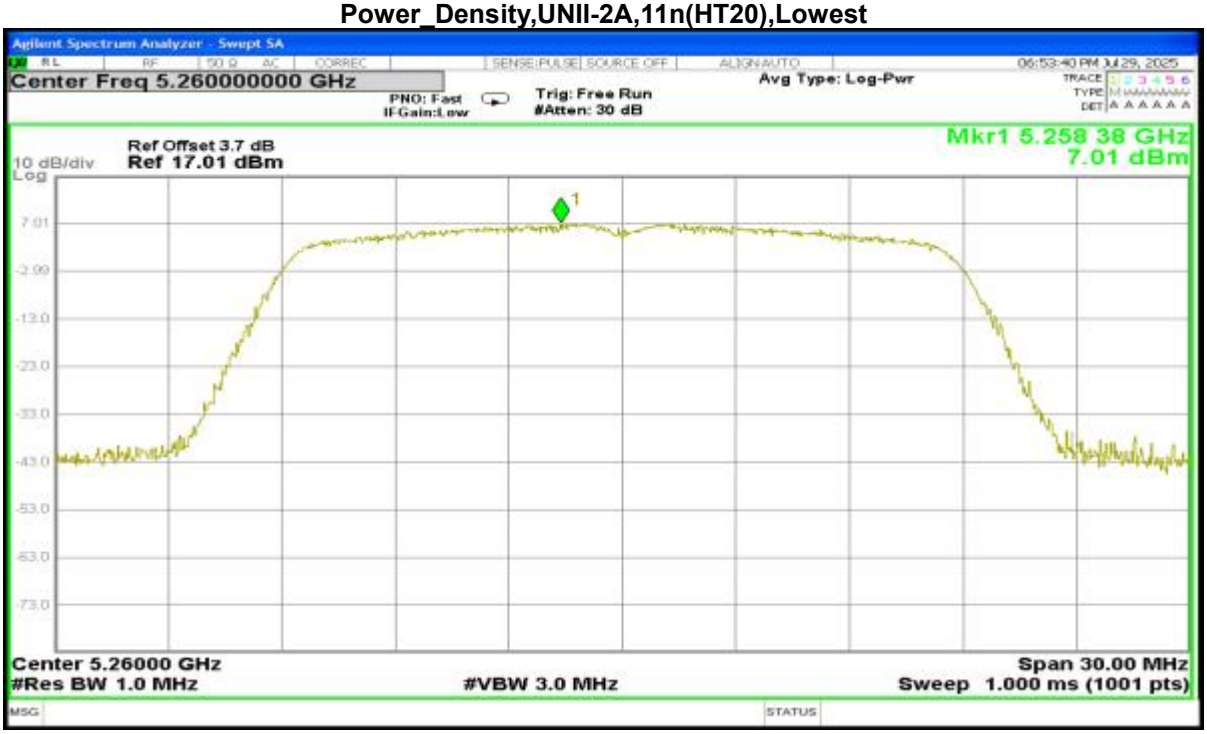
Power_Density,UNII-2C,11a(HT20),Highest

Power_Density,UNII-3,11a(HT20),Highest

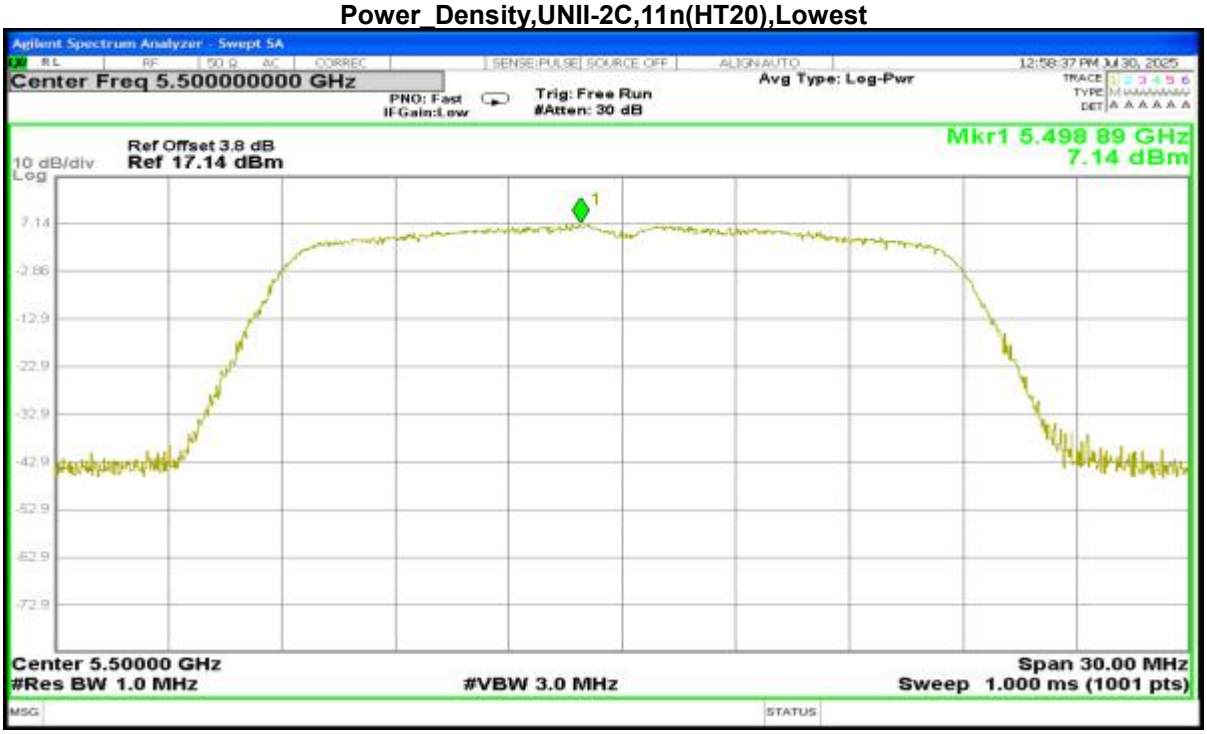


Power_Density,UNII-1,11n(HT20),Lowest

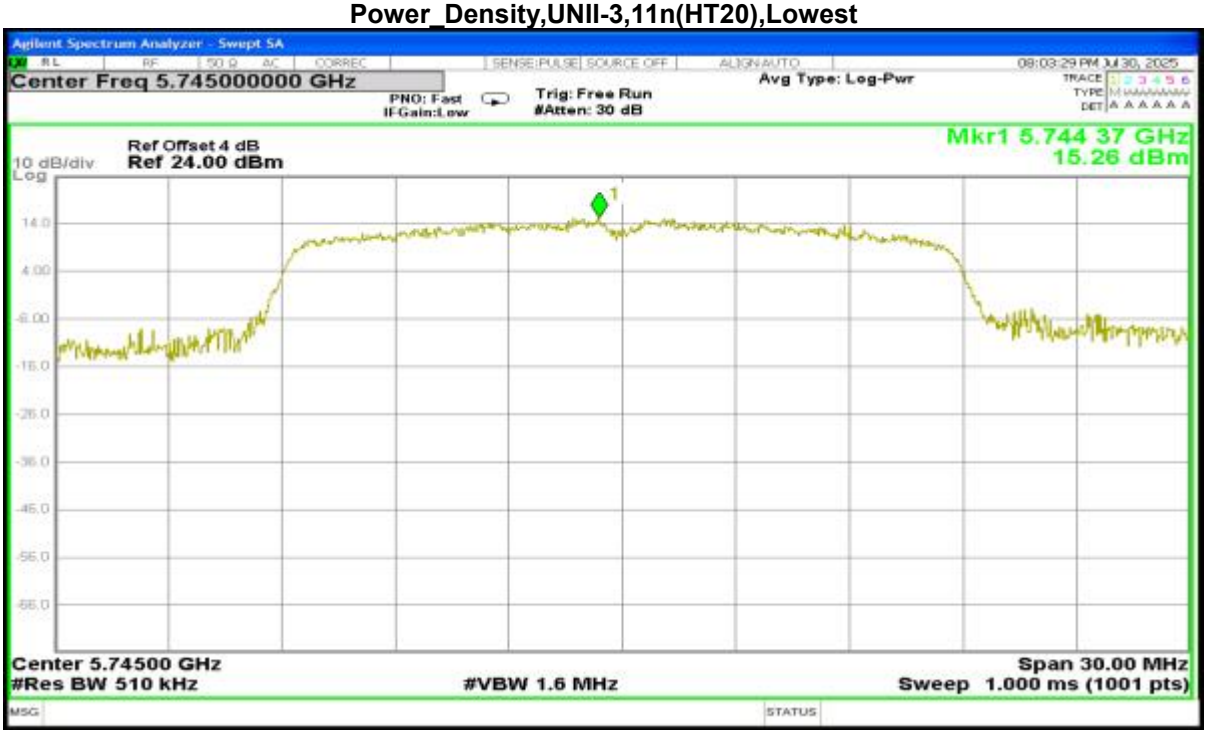
Power_Density,UNII-2A,11n(HT20),Lowest



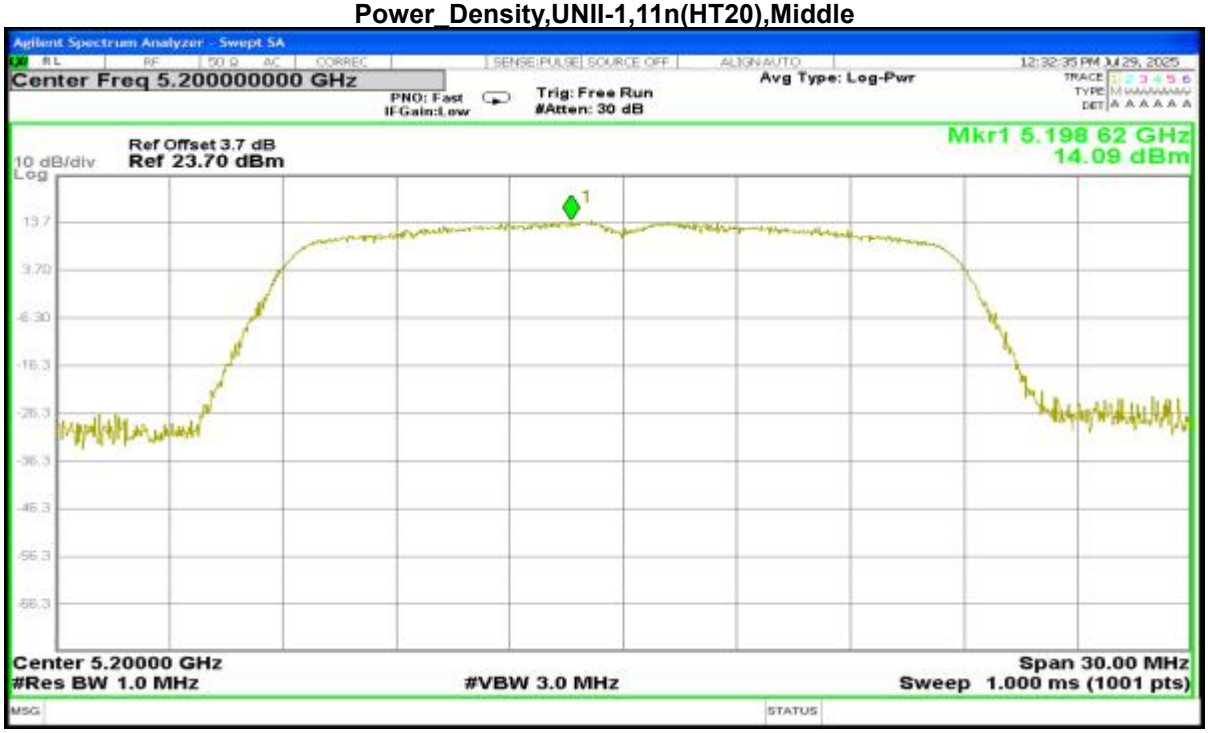
Power_Density,UNII-2C,11n(HT20),Lowest



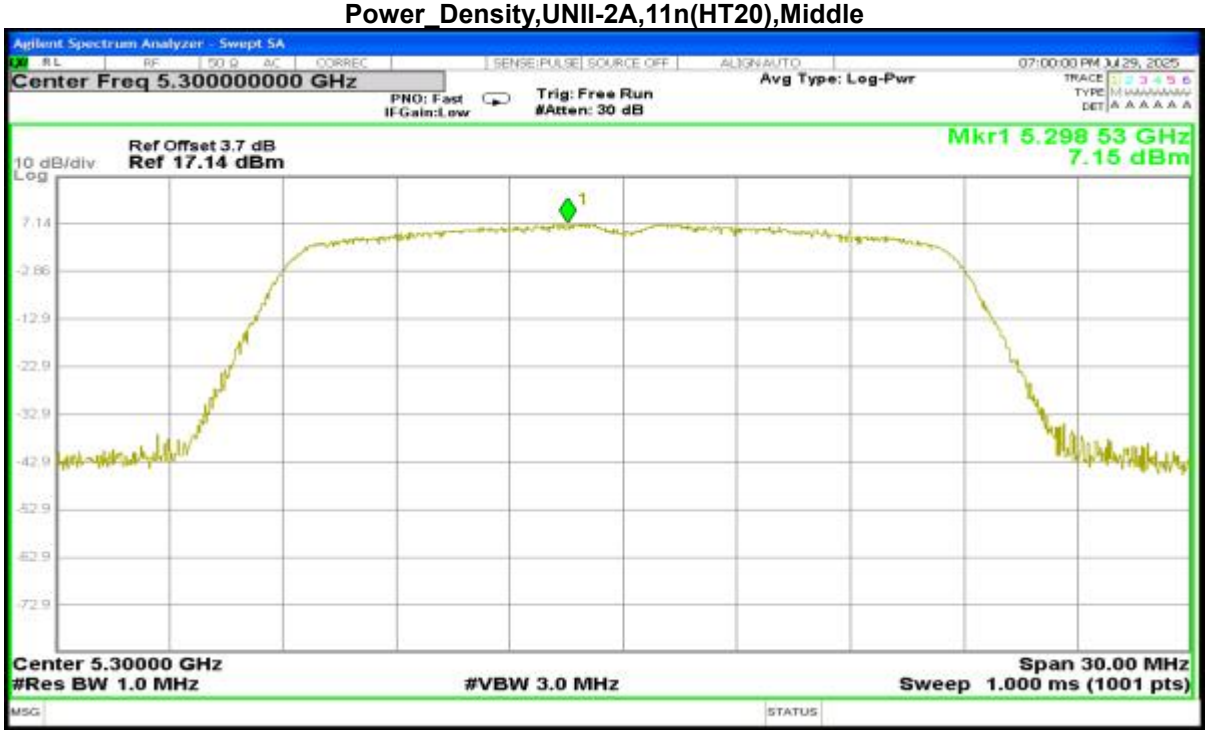
Power_Density,UNII-3,11n(HT20),Lowest



Power_Density,UNII-1,11n(HT20),Middle

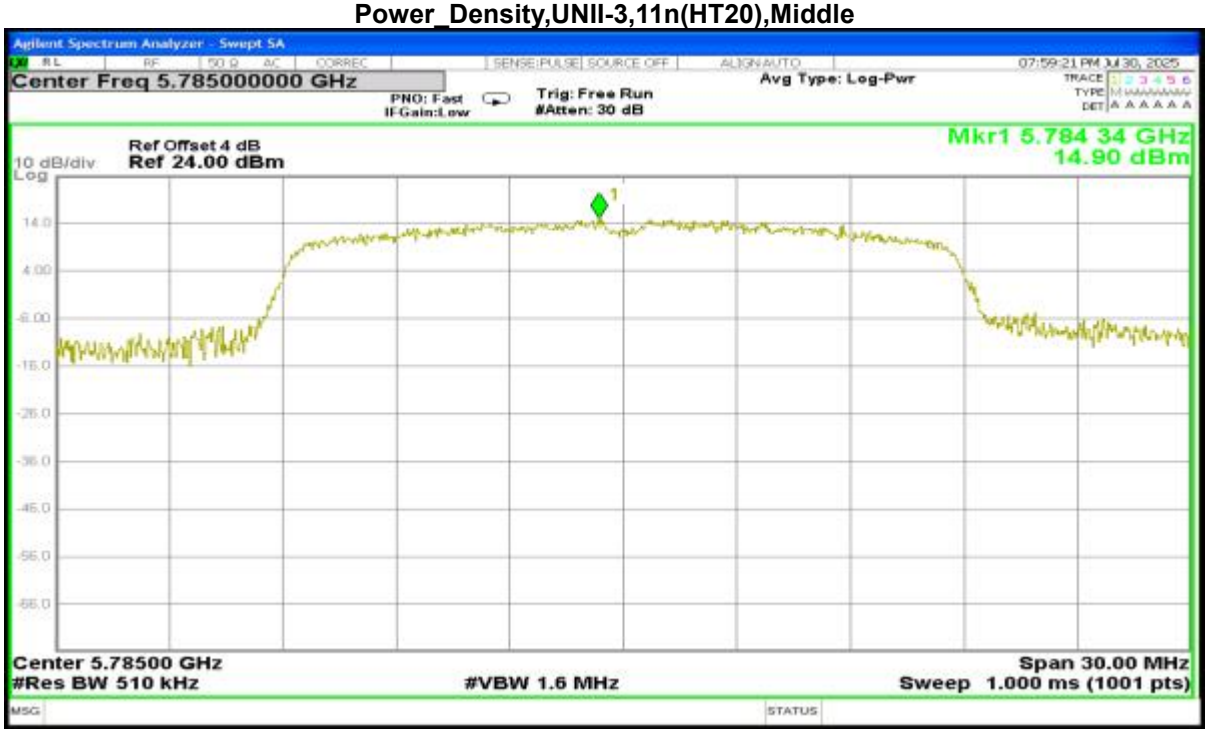


Power_Density,UNII-2A,11n(HT20),Middle

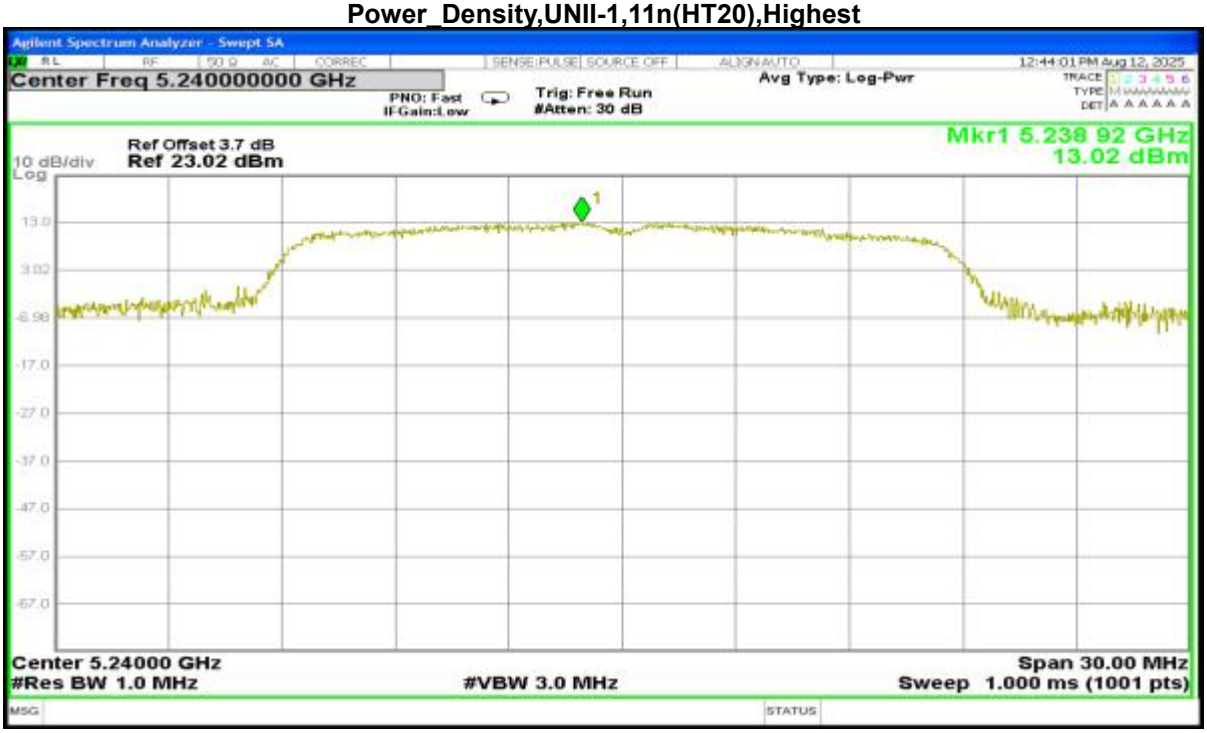


Power_Density,UNII-2C,11n(HT20),Middle

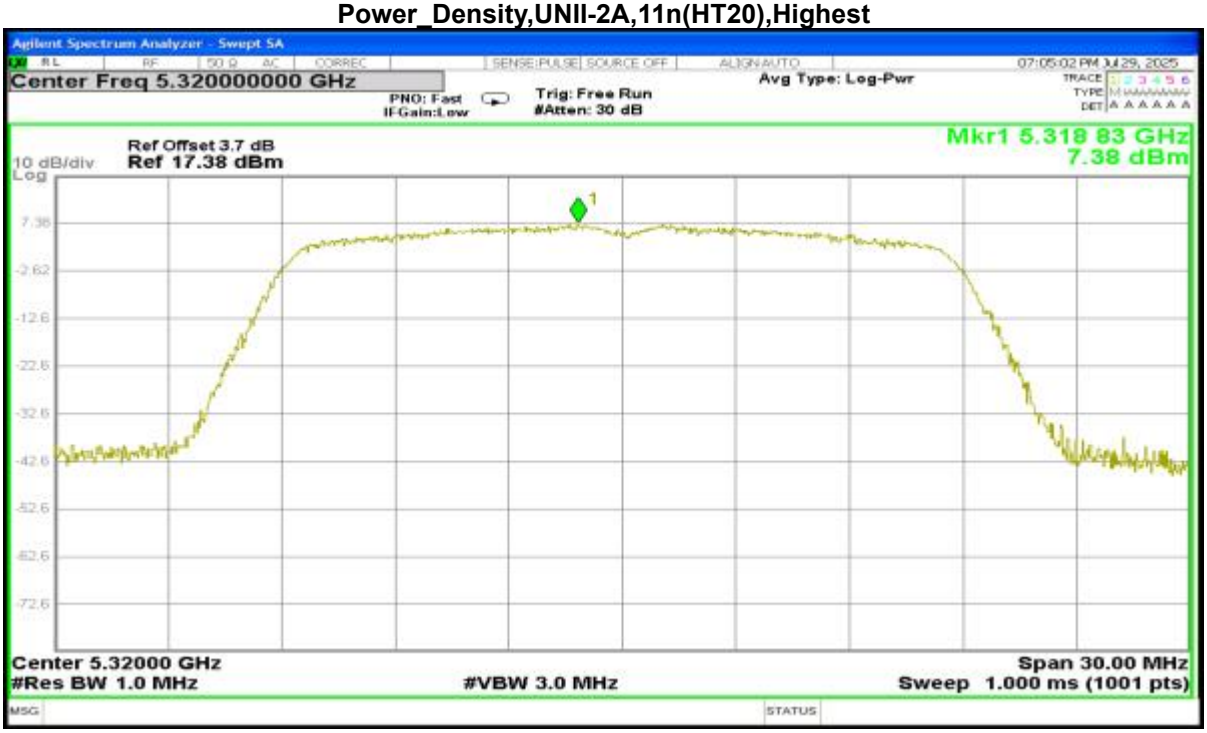
Power_Density,UNII-3,11n(HT20),Middle



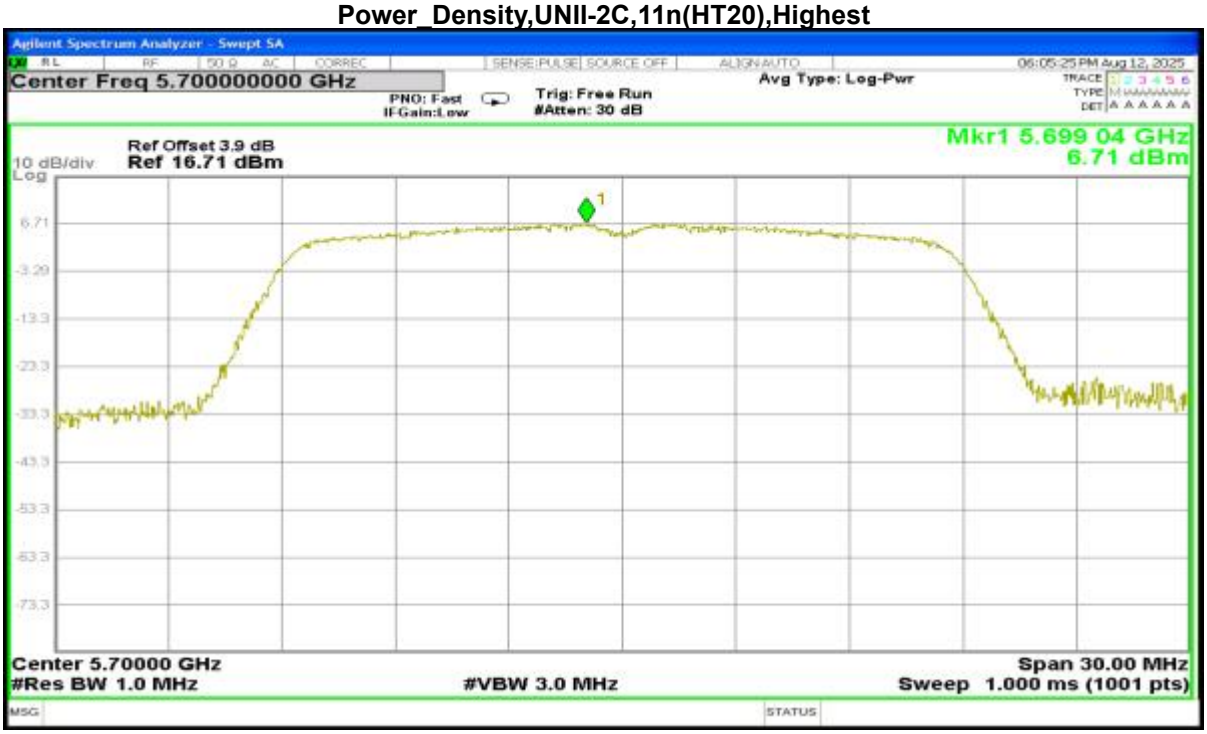
Power_Density,UNII-1,11n(HT20),Highest



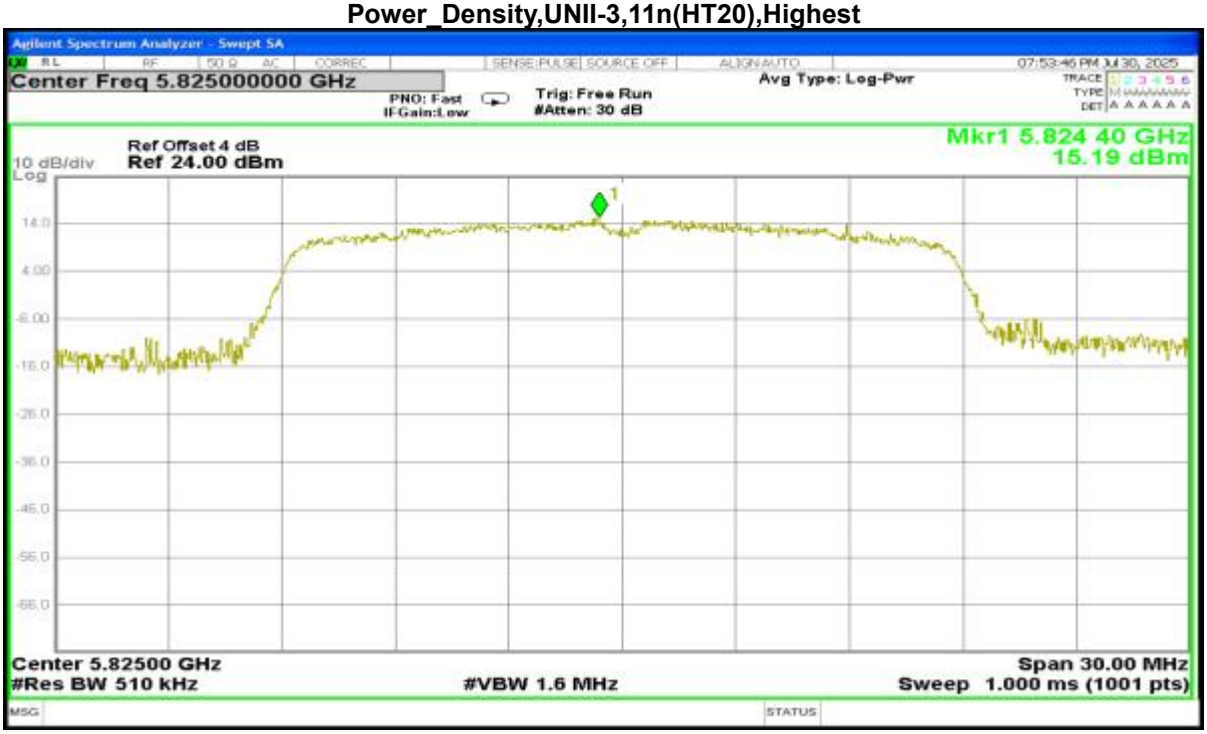
Power_Density,UNII-2A,11n(HT20),Highest



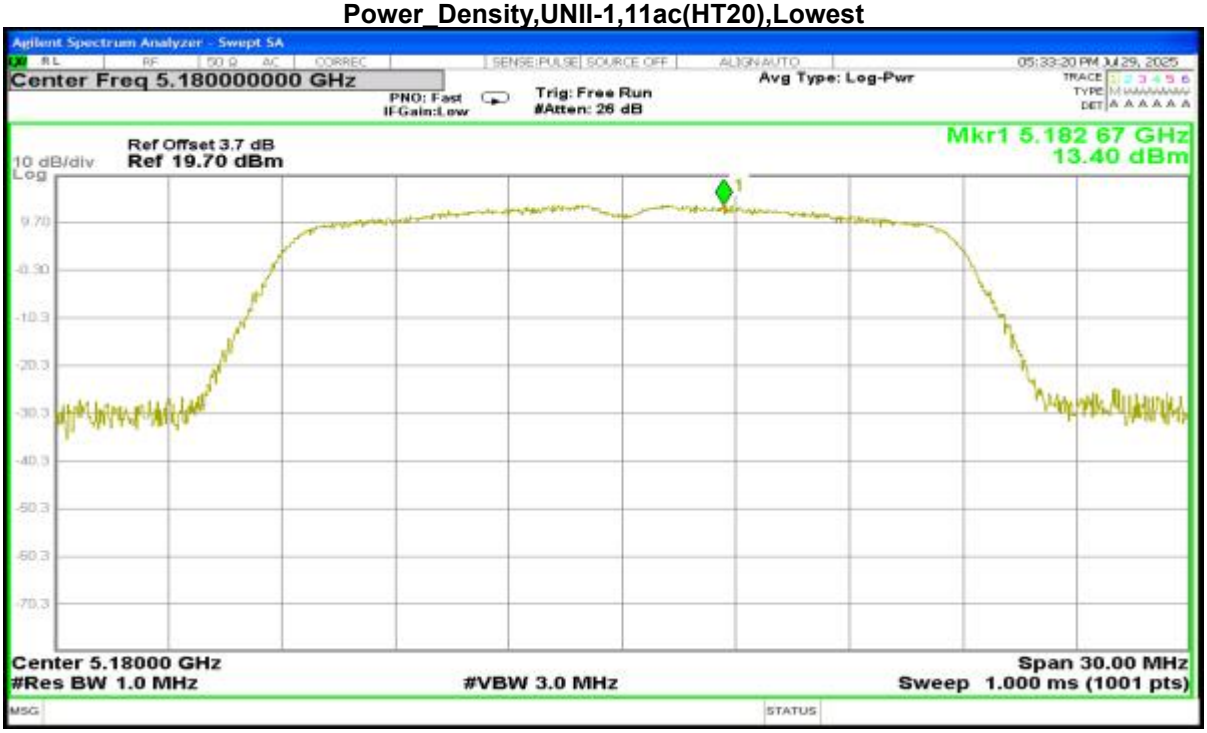
Power_Density,UNII-2C,11n(HT20),Highest



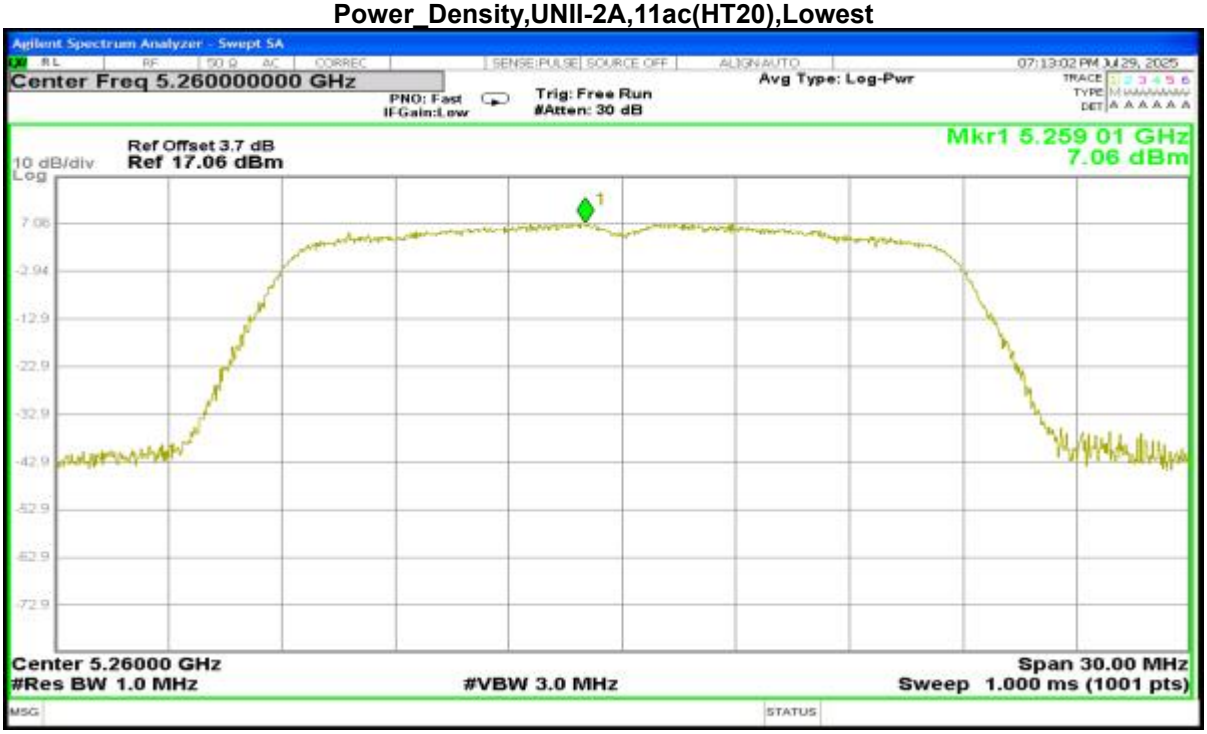
Power_Density,UNII-3,11n(HT20),Highest



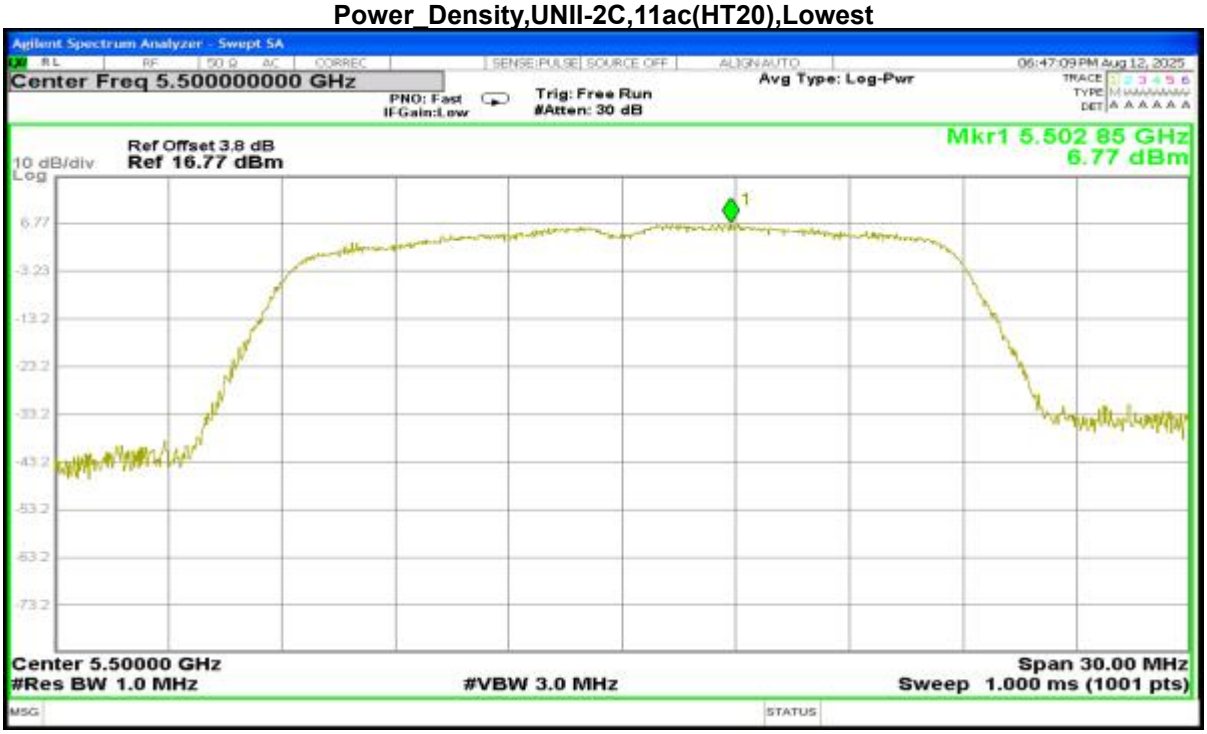
Power_Density,UNII-1,11ac(HT20),Lowest



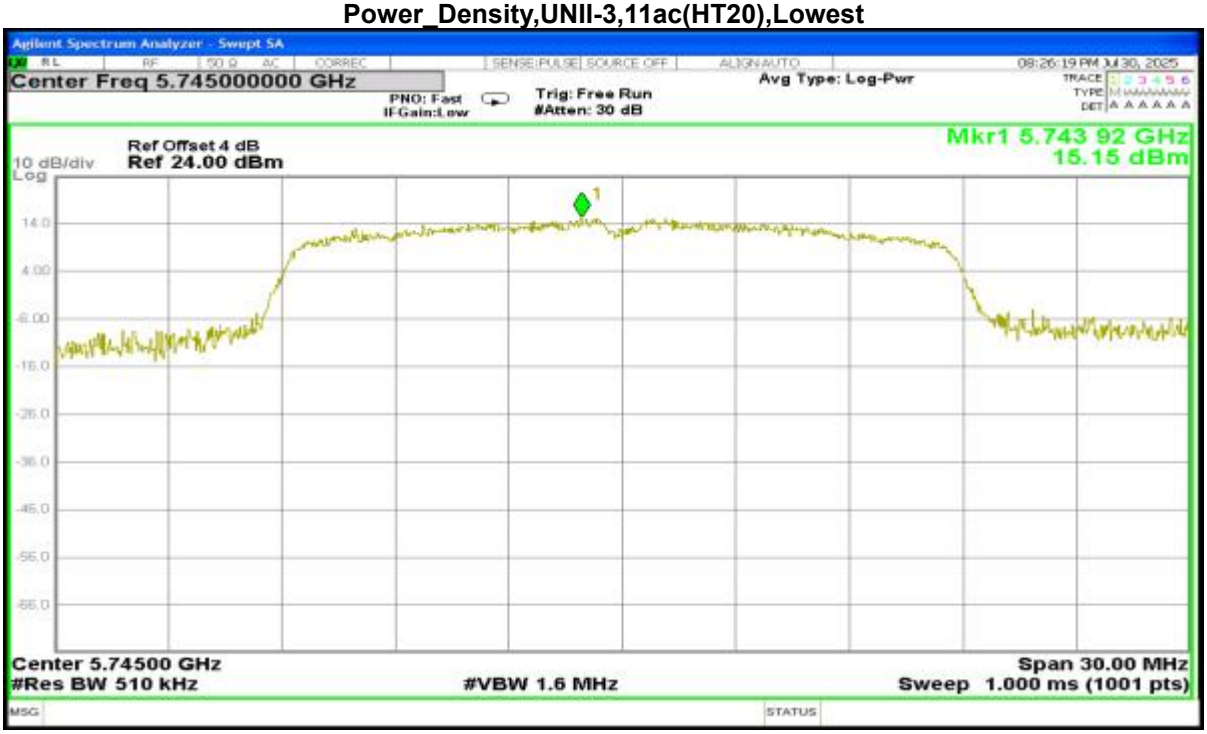
Power_Density,UNII-2A,11ac(HT20),Lowest



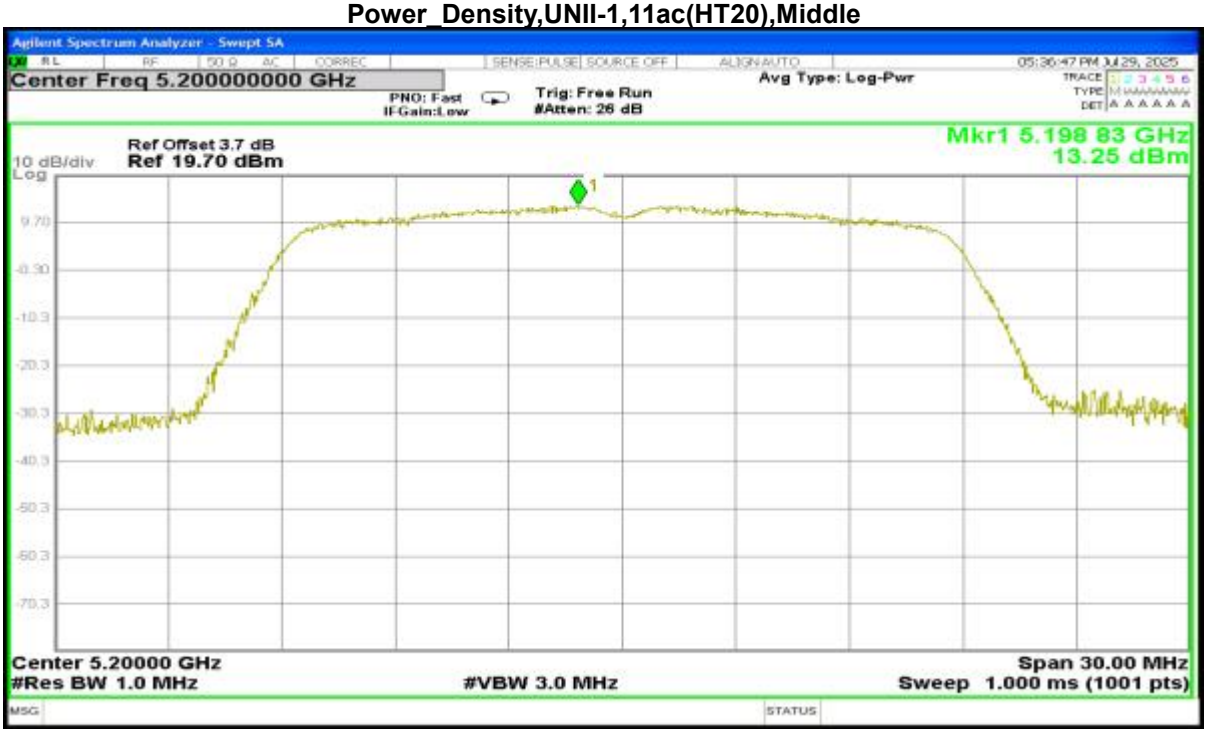
Power_Density,UNII-2C,11ac(HT20),Lowest



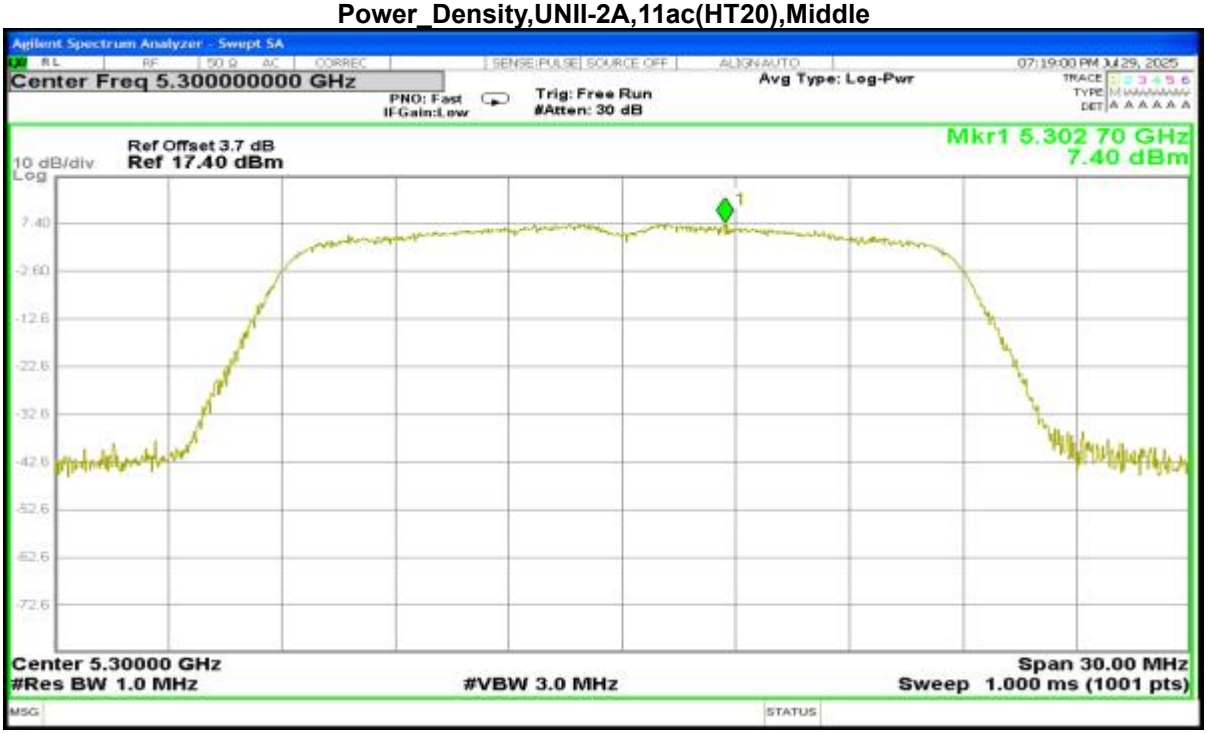
Power_Density,UNII-3,11ac(HT20),Lowest



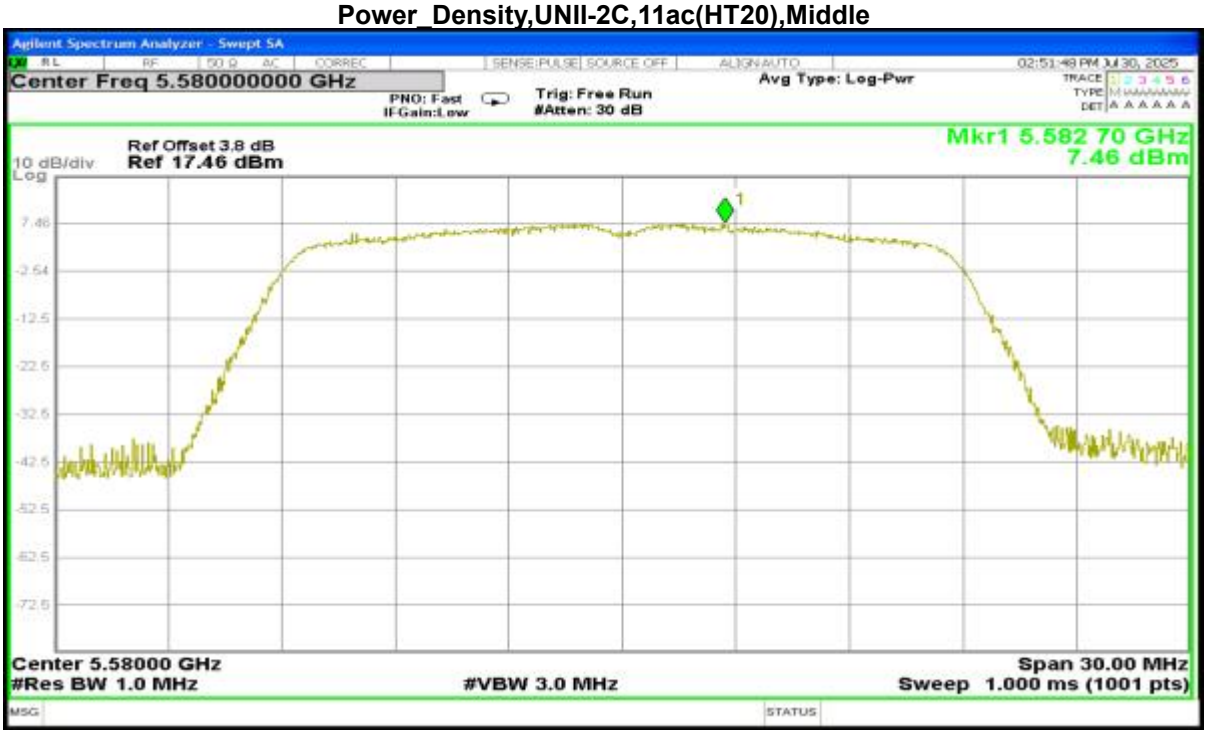
Power_Density,UNII-1,11ac(HT20),Middle



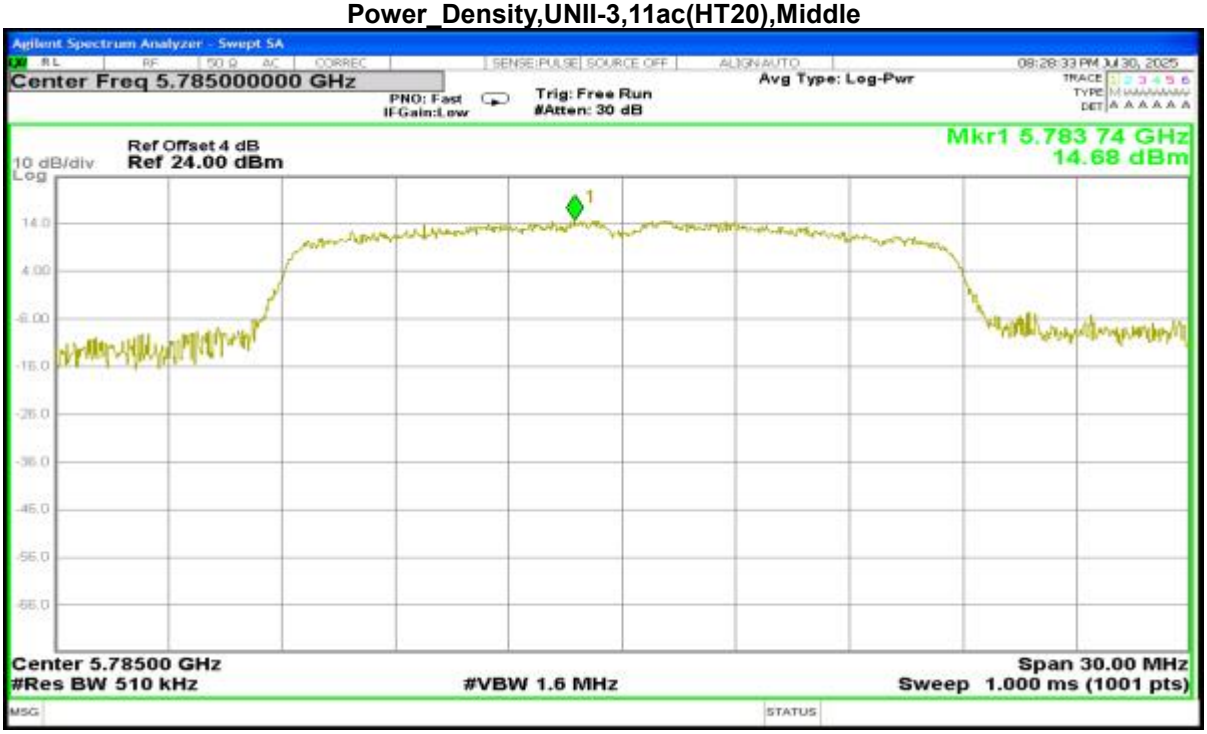
Power_Density,UNII-2A,11ac(HT20),Middle



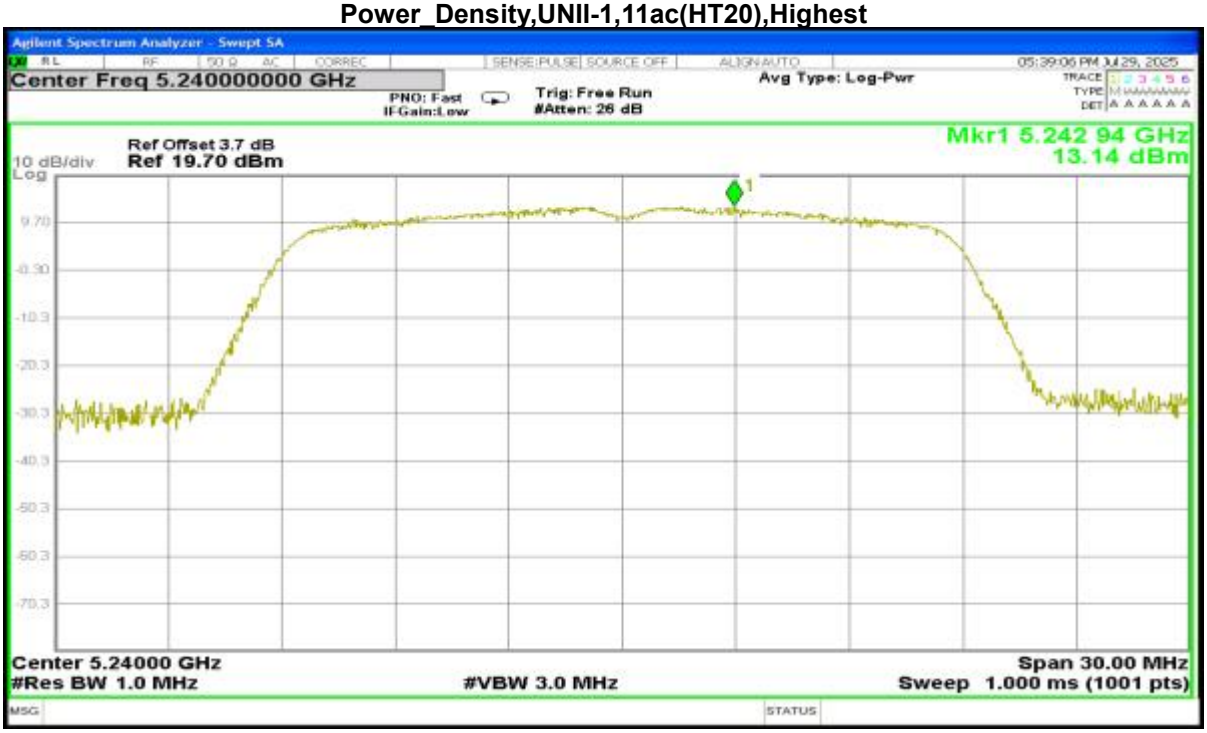
Power_Density,UNII-2C,11ac(HT20),Middle



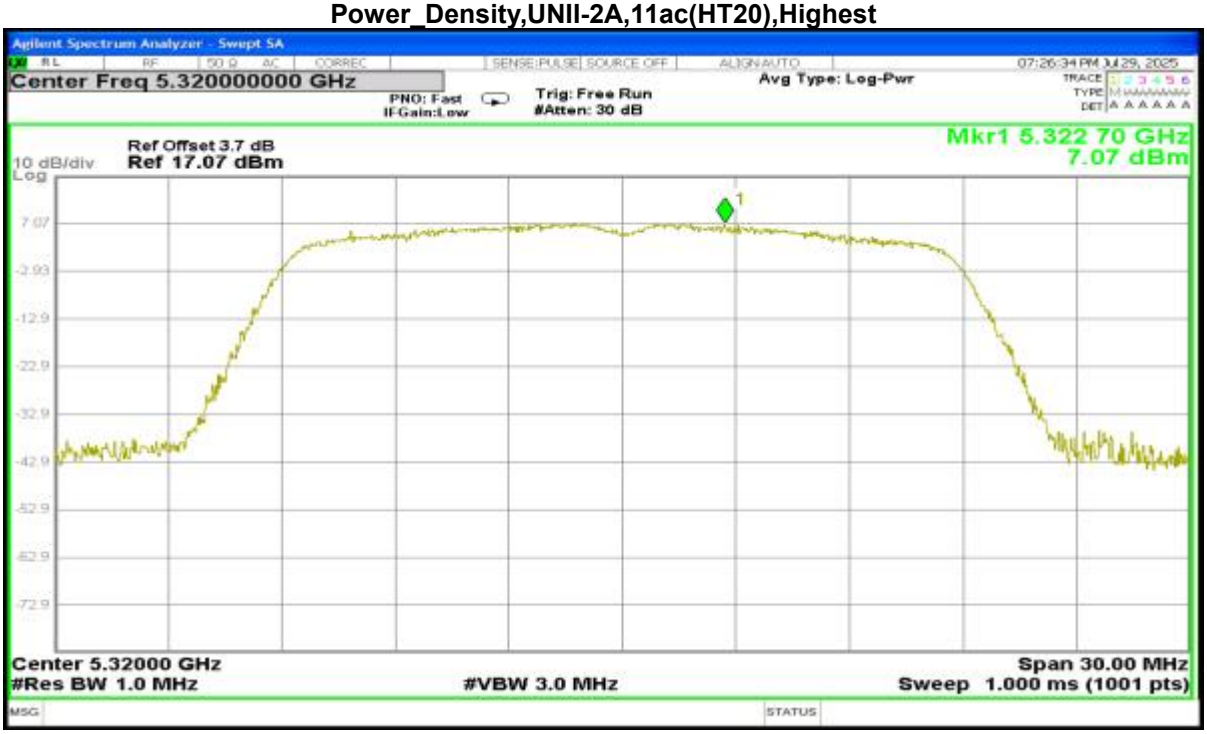
Power_Density,UNII-3,11ac(HT20),Middle



Power_Density,UNII-1,11ac(HT20),Highest

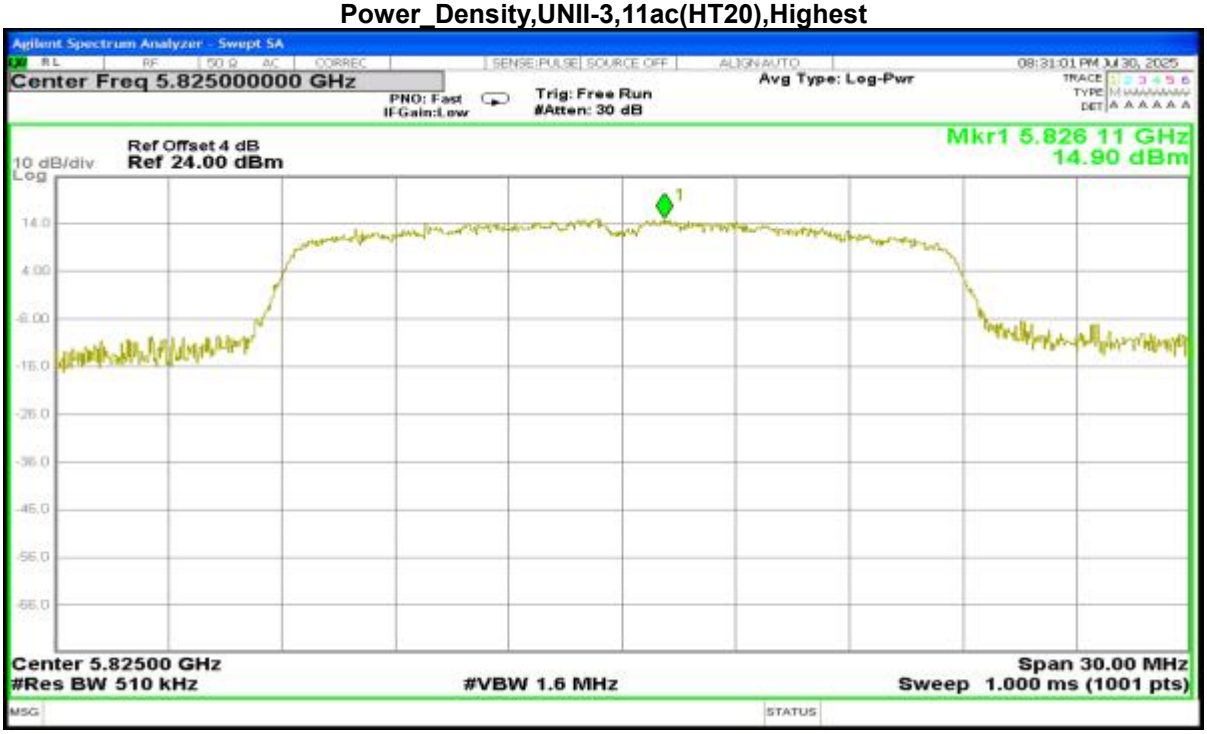


Power_Density,UNII-2A,11ac(HT20),Highest

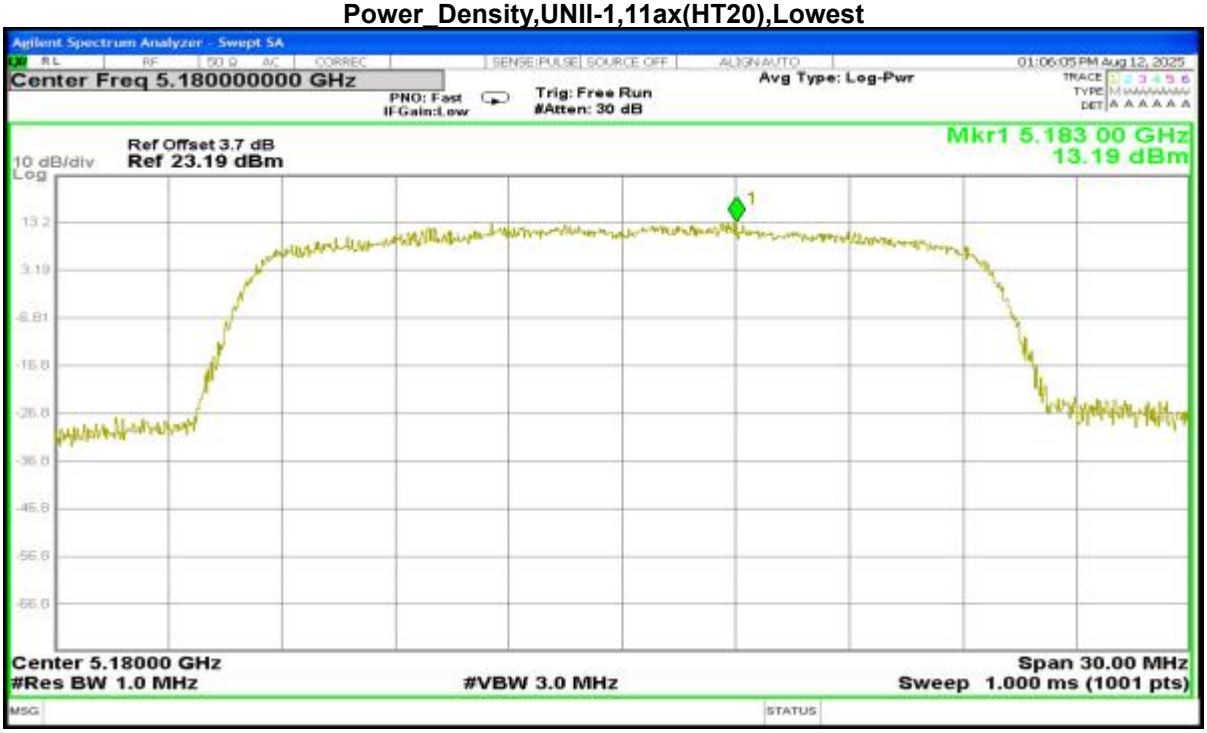


Power_Density,UNII-2C,11ac(HT20),Highest

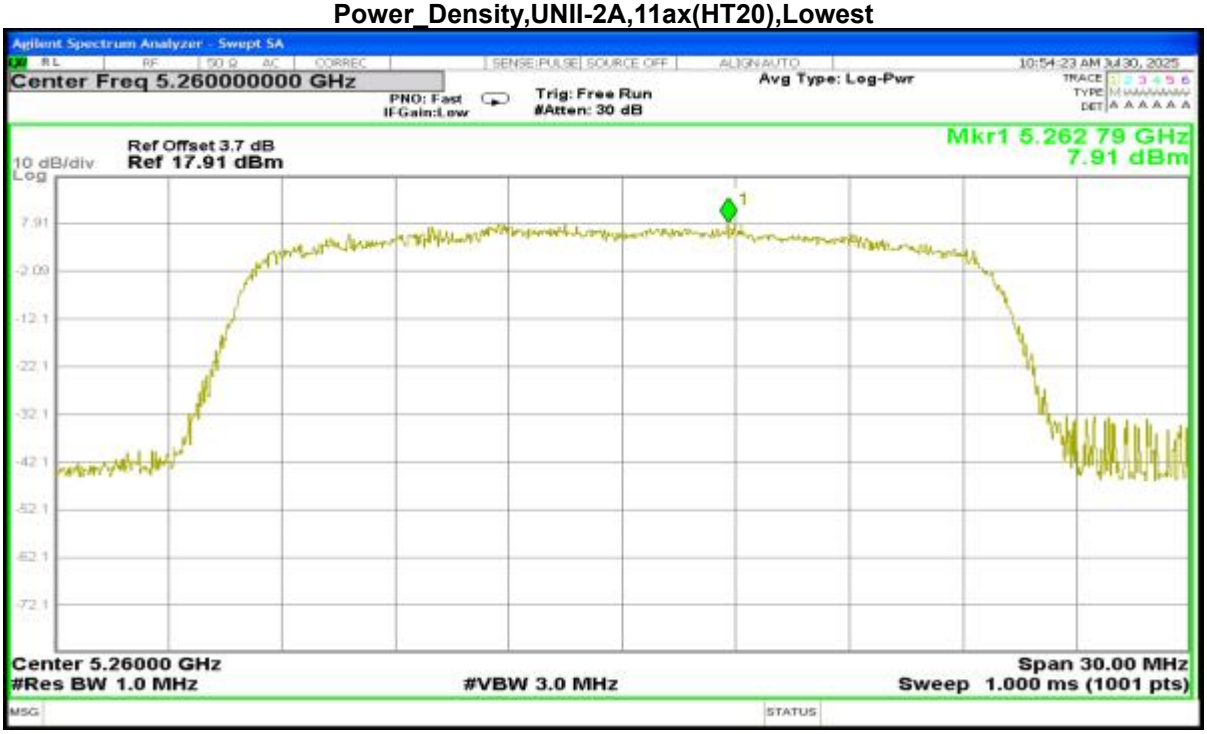
Power_Density,UNII-3,11ac(HT20),Highest



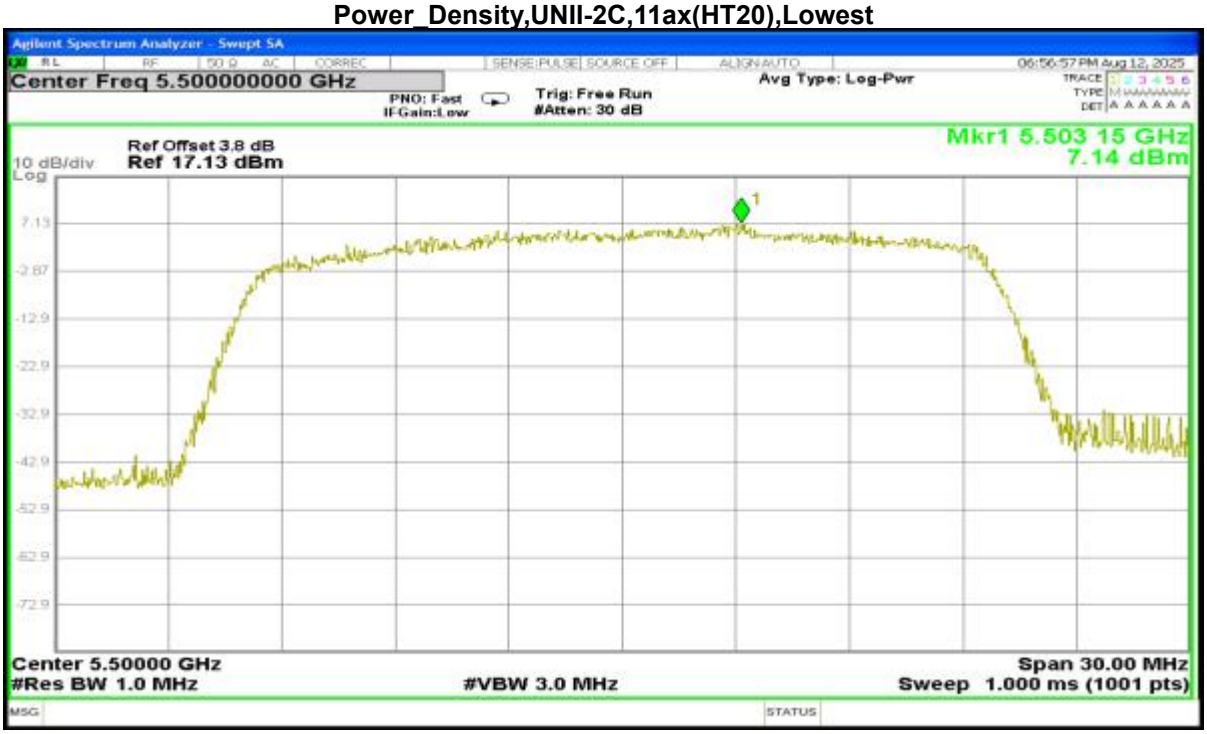
Power_Density,UNII-1,11ax(HT20),Lowest



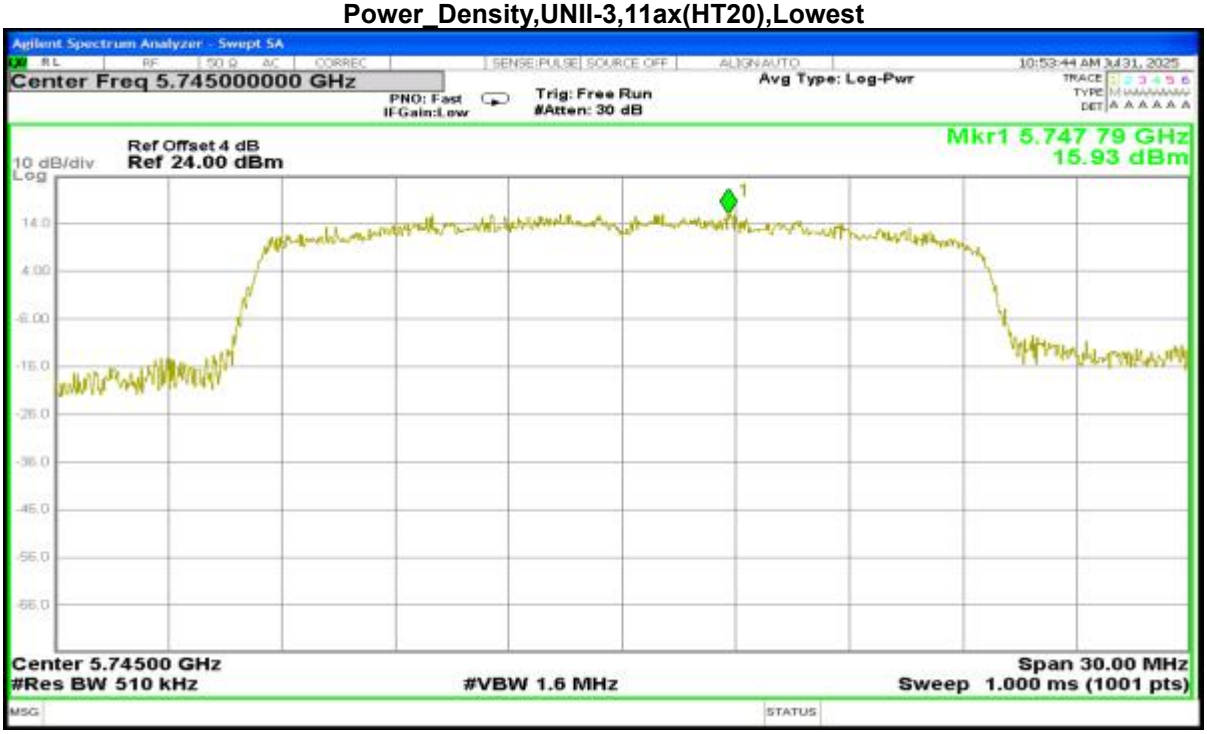
Power_Density,UNII-2A,11ax(HT20),Lowest



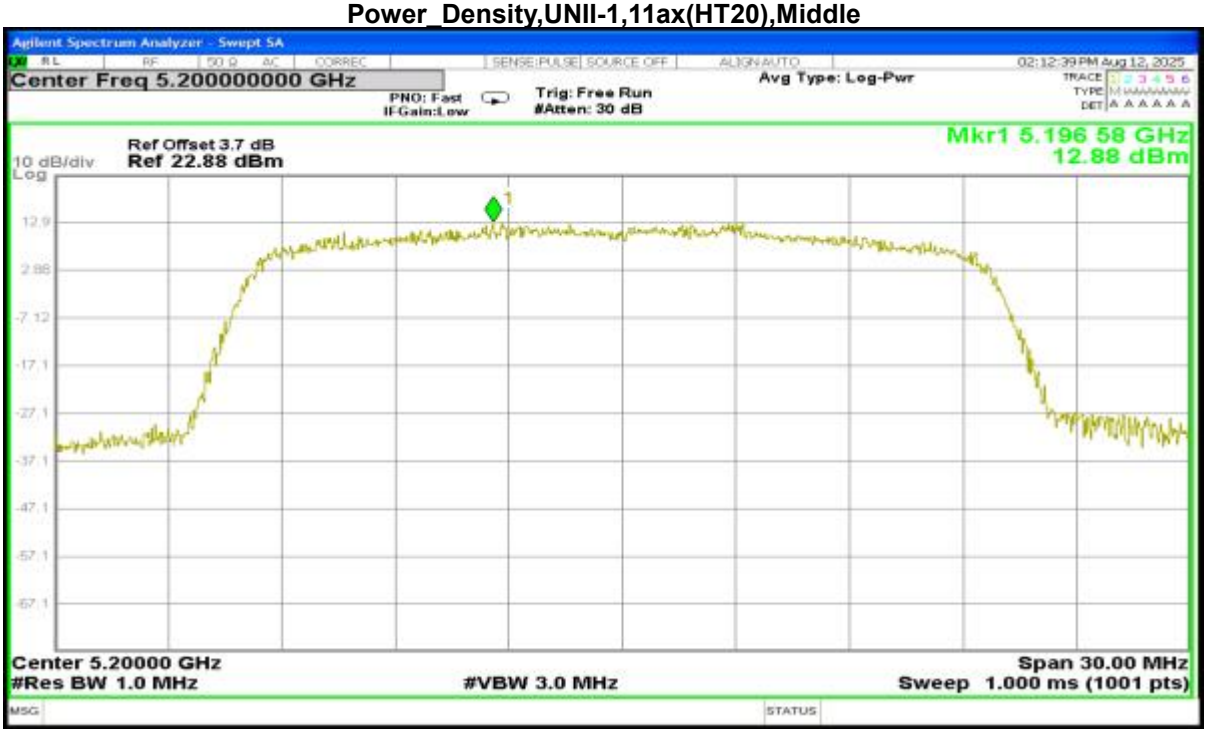
Power_Density,UNII-2C,11ax(HT20),Lowest



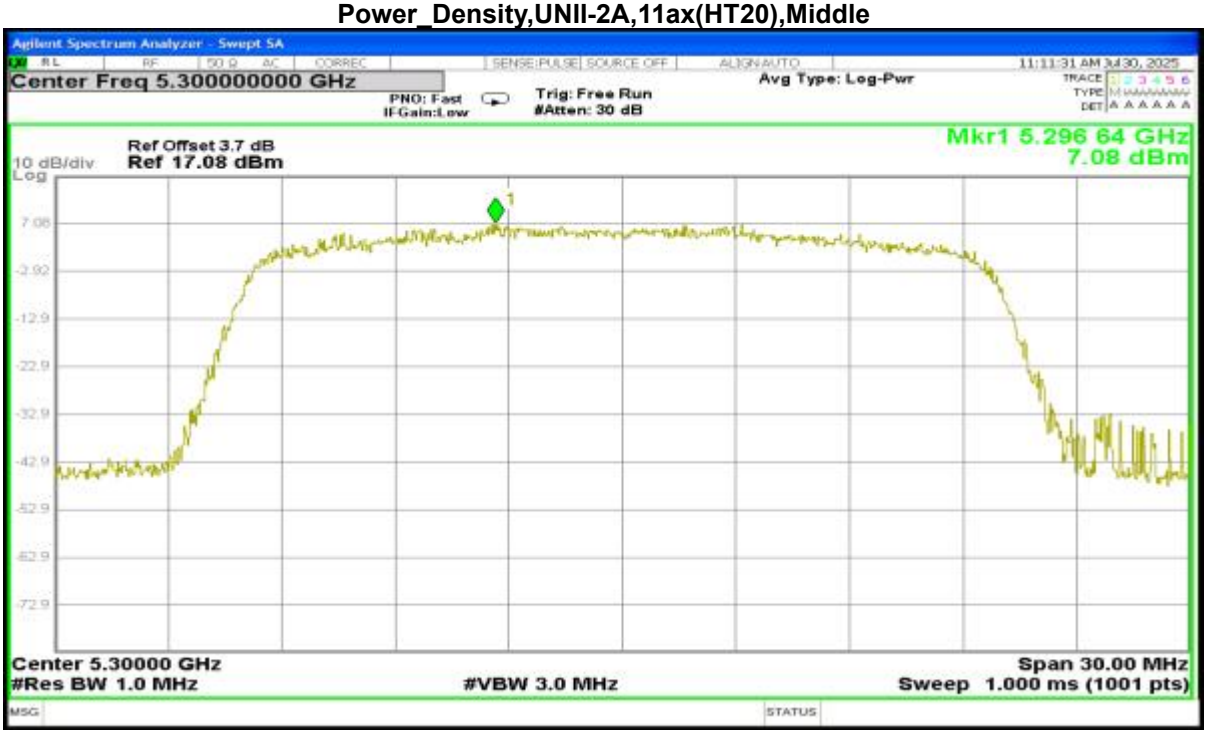
Power_Density,UNII-3,11ax(HT20),Lowest



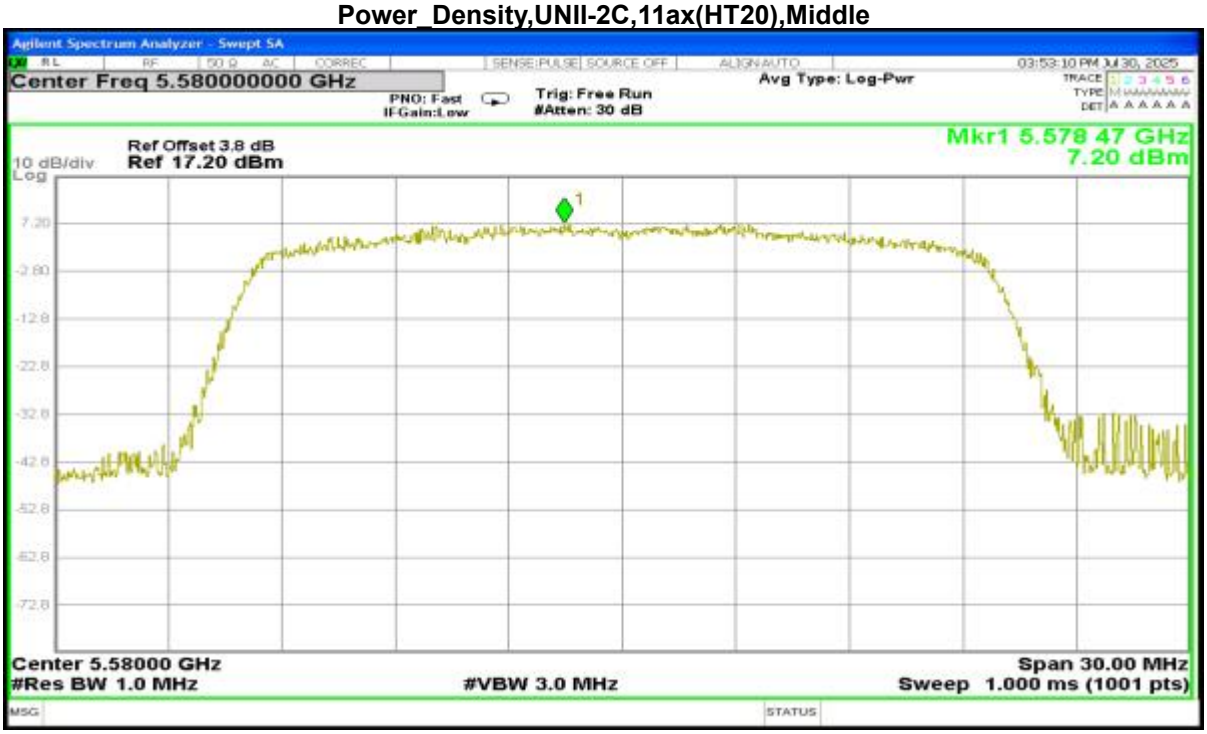
Power_Density,UNII-1,11ax(HT20),Middle



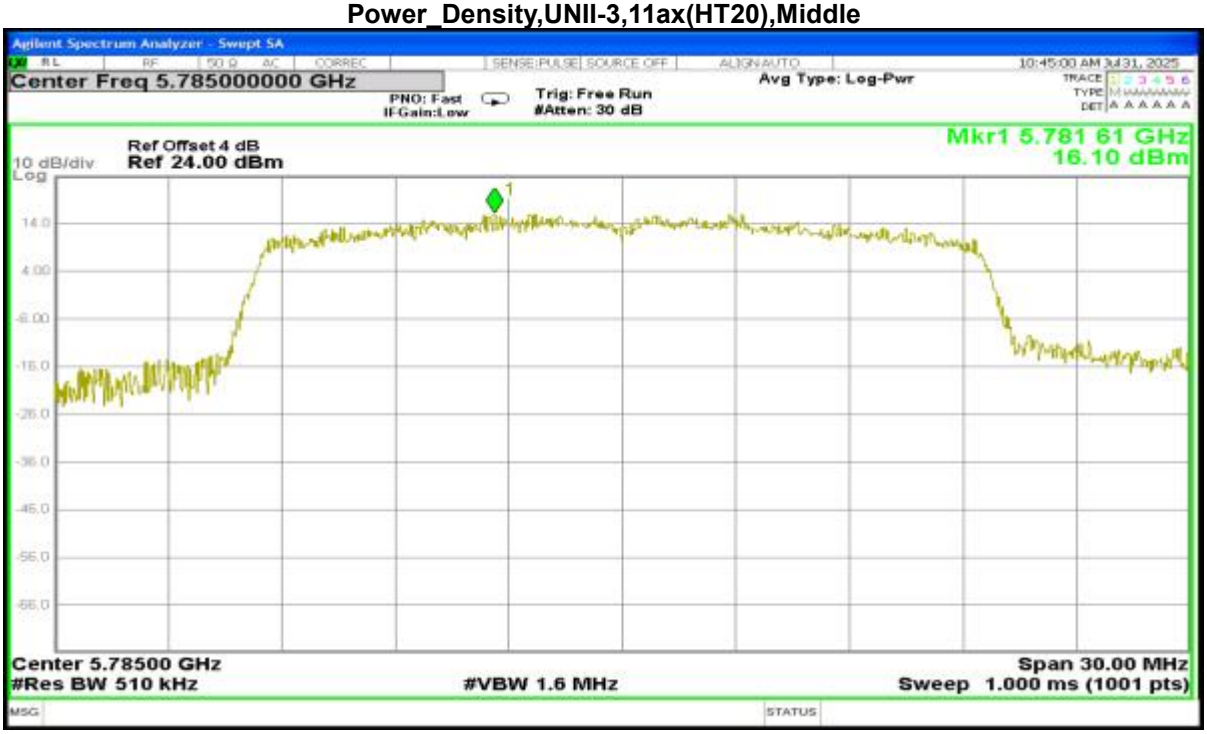
Power_Density,UNII-2A,11ax(HT20),Middle



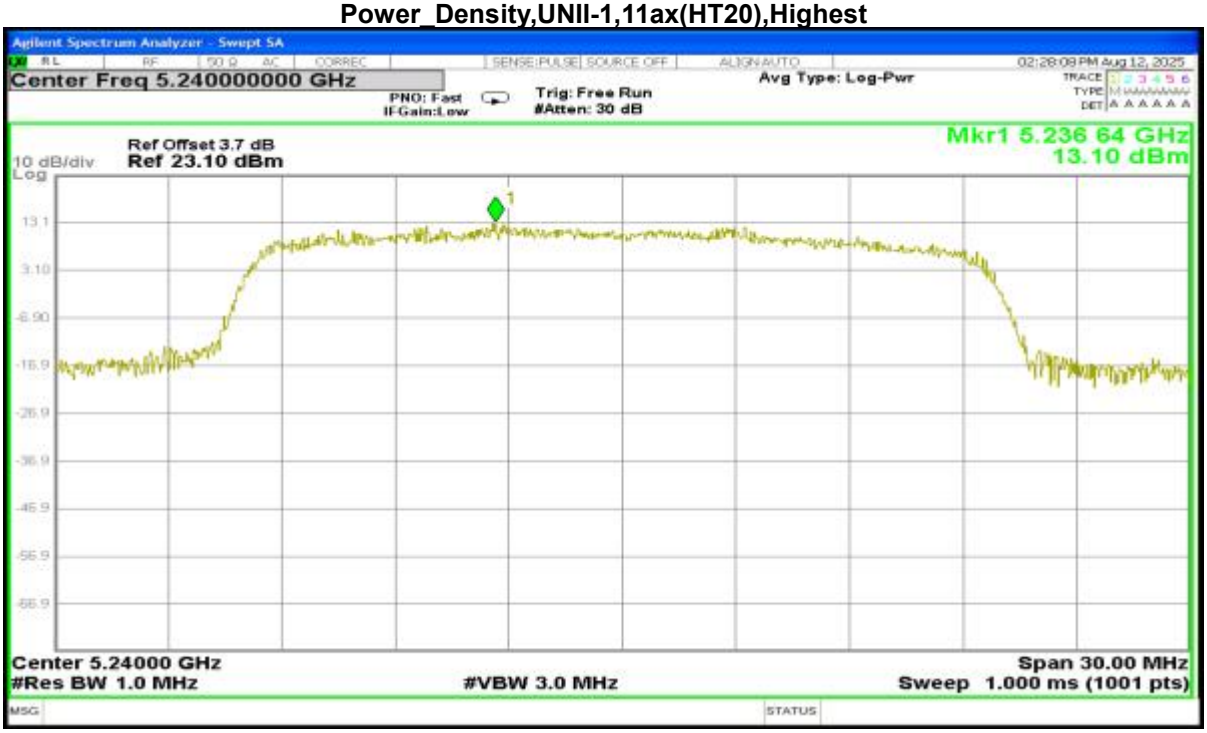
Power_Density,UNII-2C,11ax(HT20),Middle



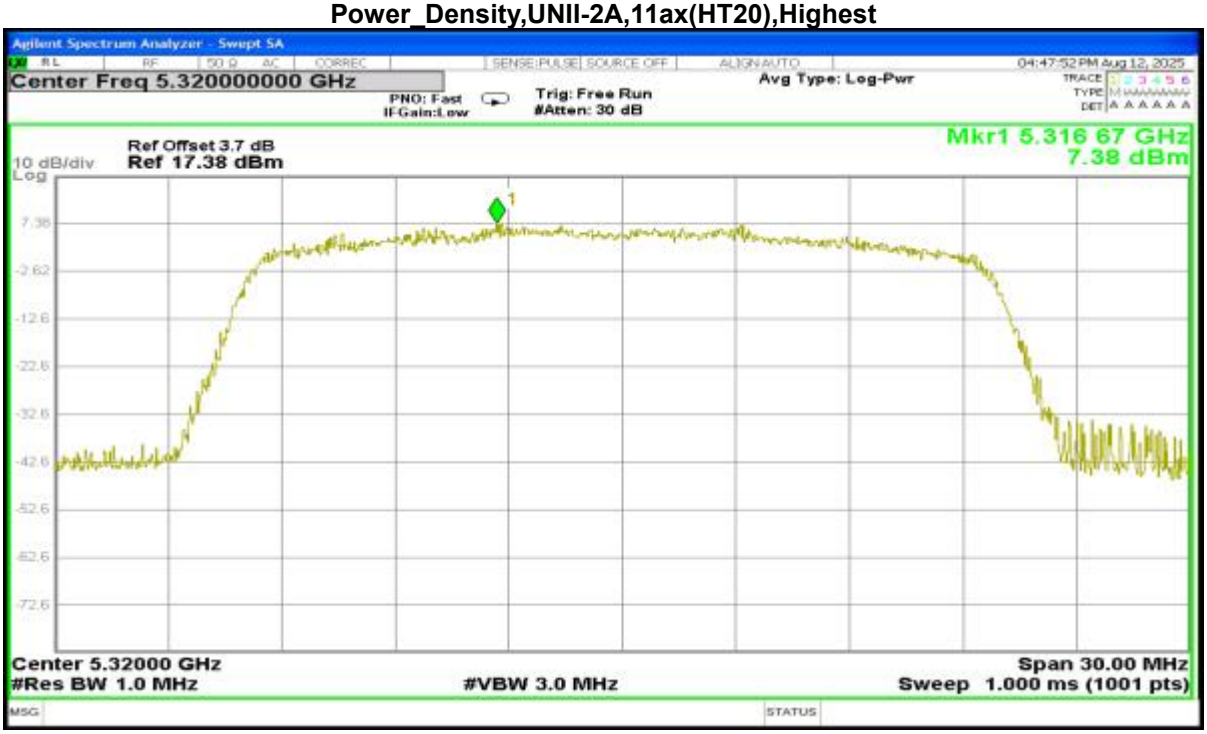
Power_Density,UNII-3,11ax(HT20),Middle



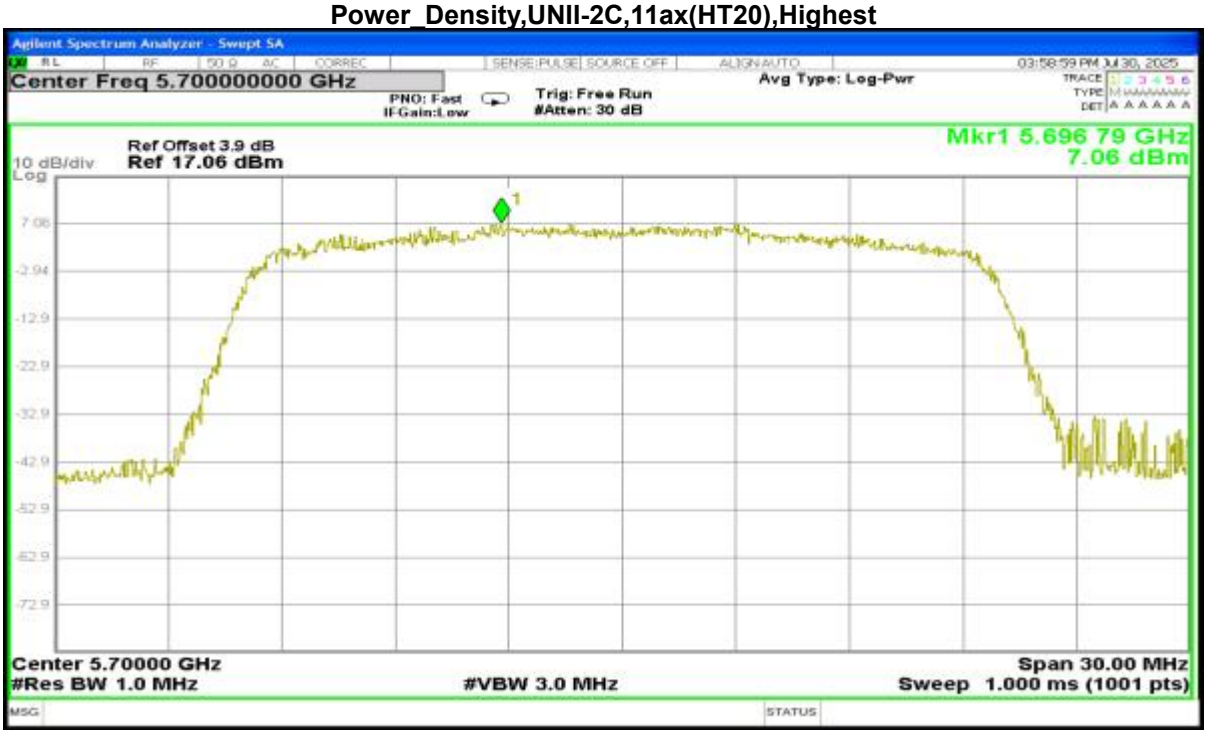
Power_Density,UNII-1,11ax(HT20),Highest



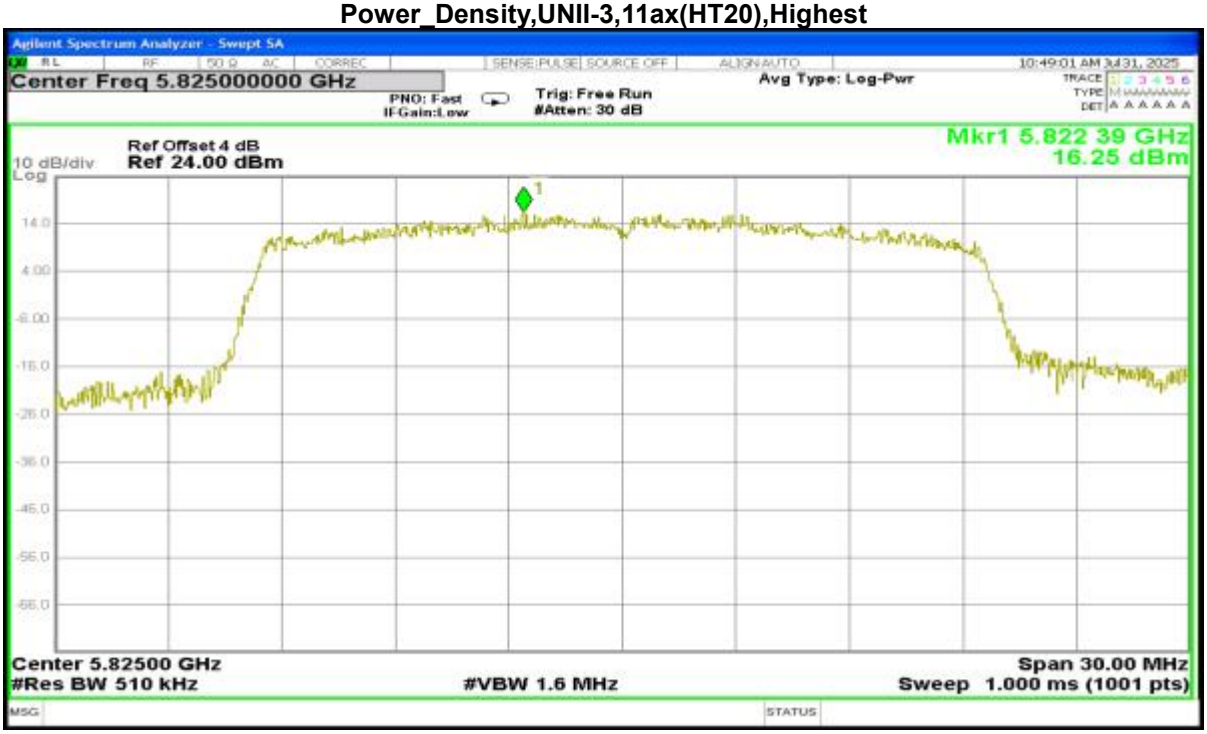
Power_Density,UNII-2A,11ax(HT20),Highest



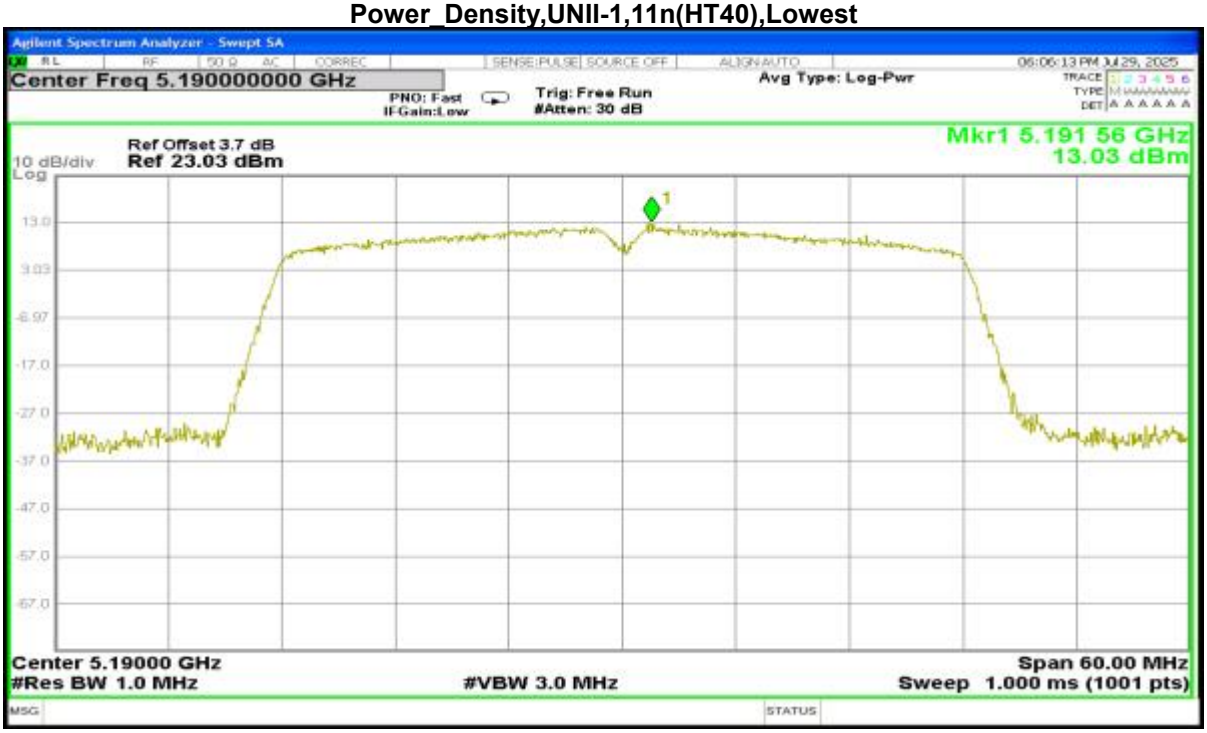
Power_Density,UNII-2C,11ax(HT20),Highest



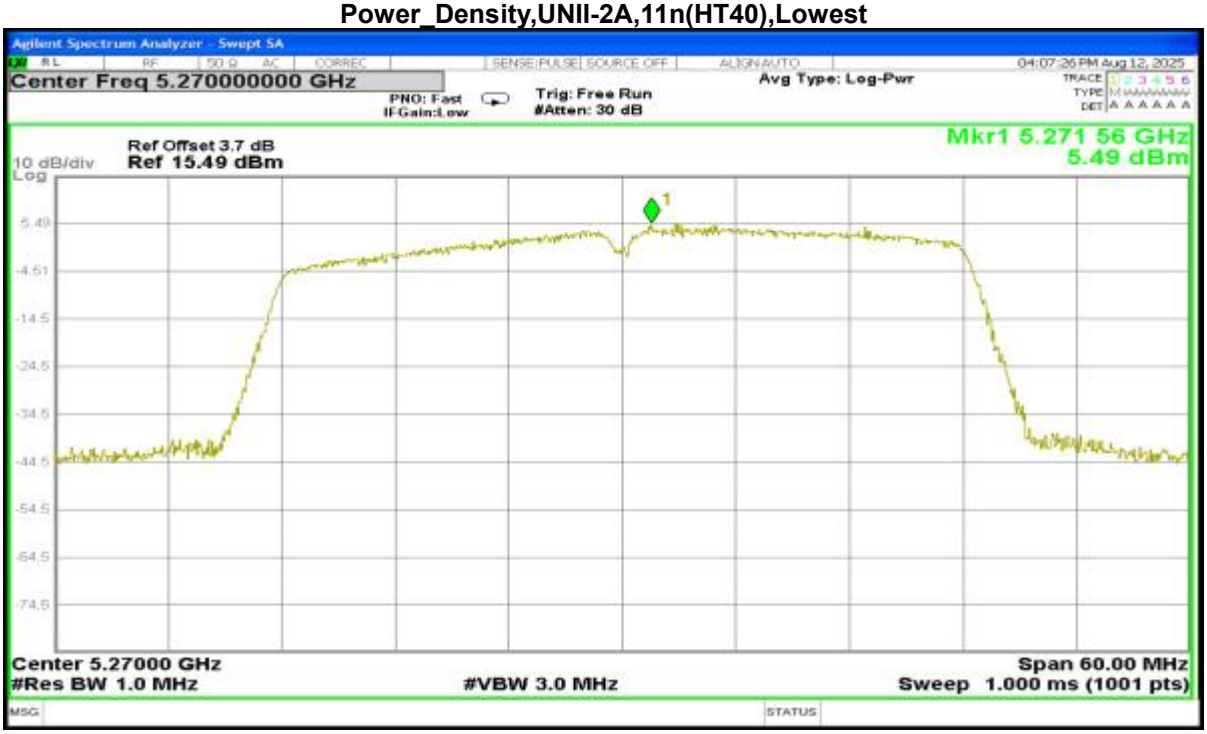
Power_Density,UNII-3,11ax(HT20),Highest



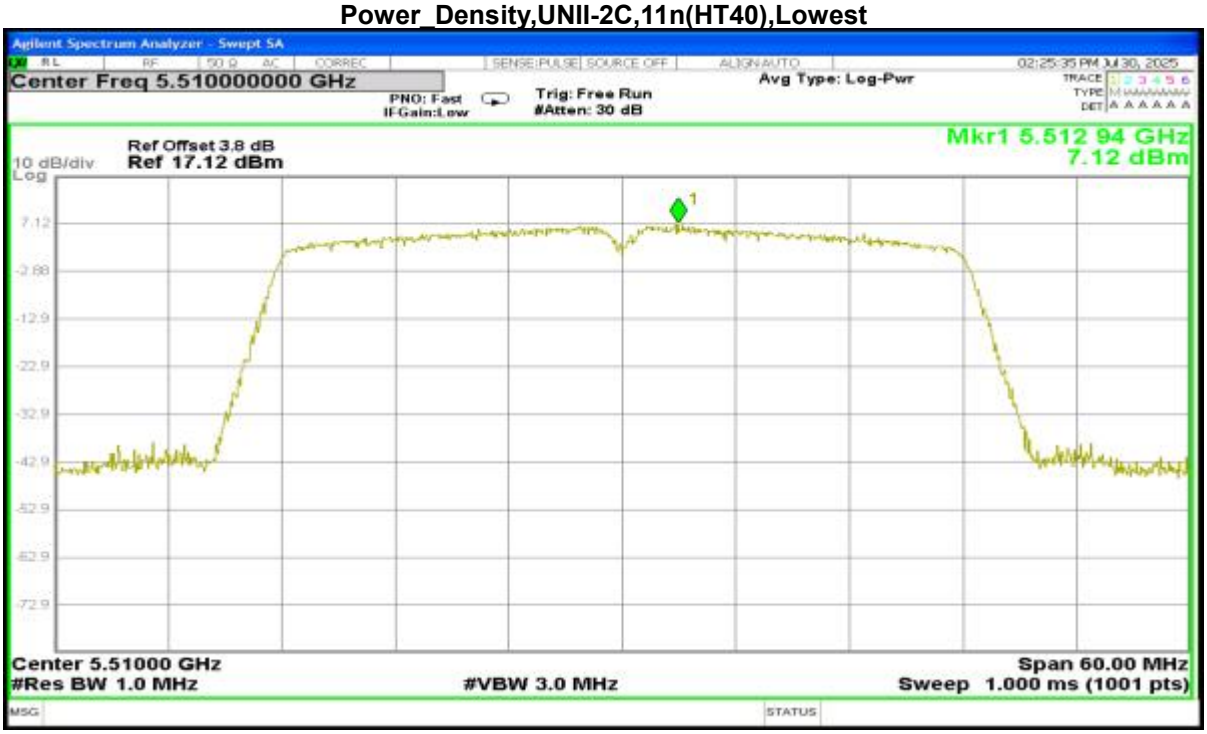
Power_Density,UNII-1,11n(HT40),Lowest



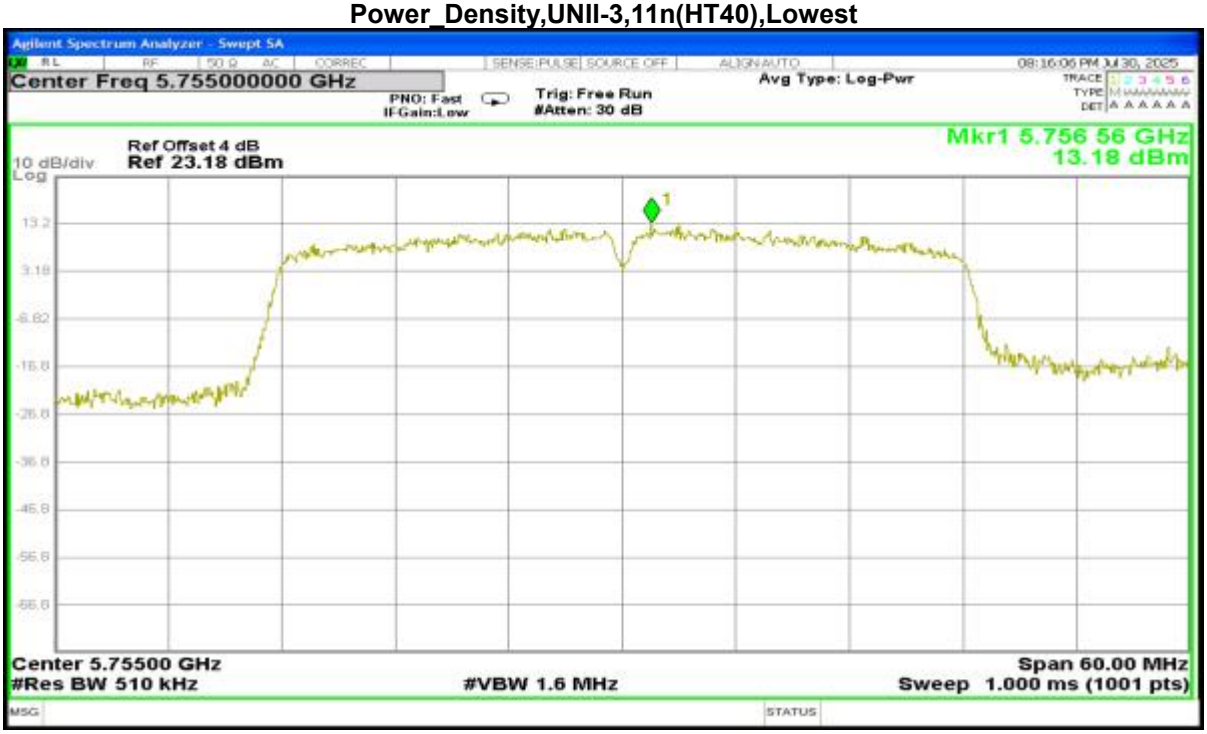
Power_Density,UNII-2A,11n(HT40),Lowest



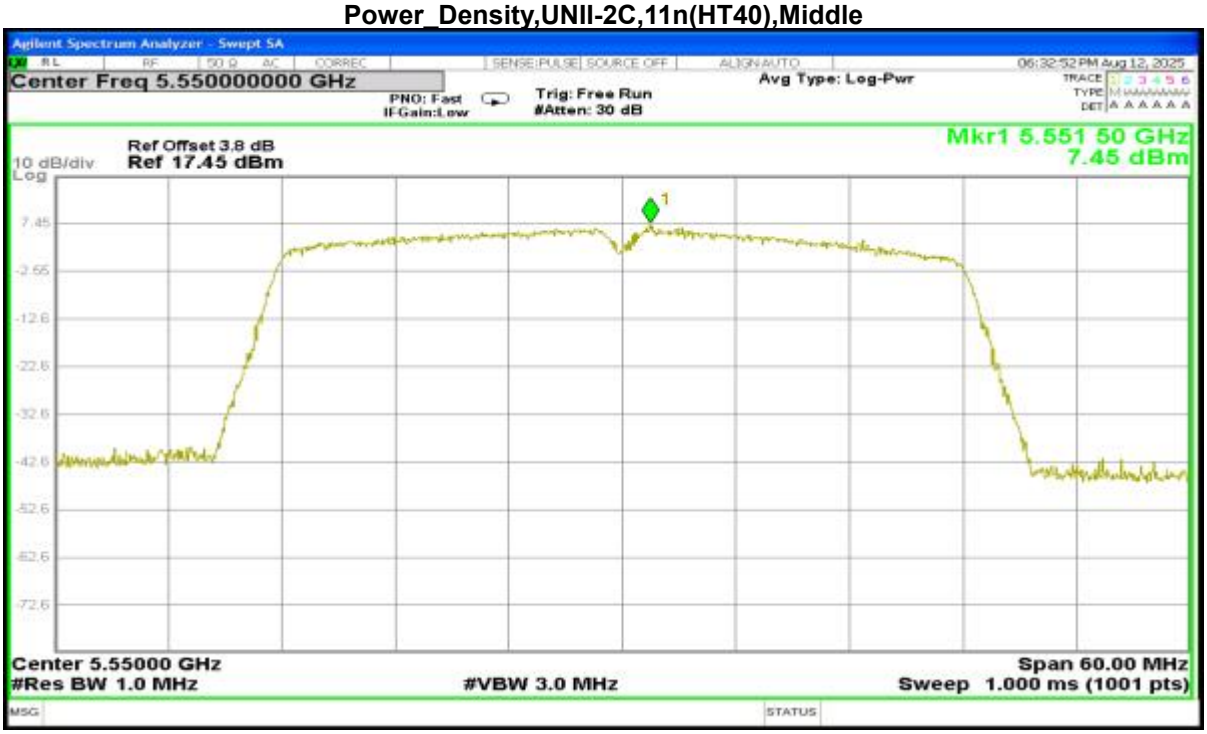
Power_Density,UNII-2C,11n(HT40),Lowest



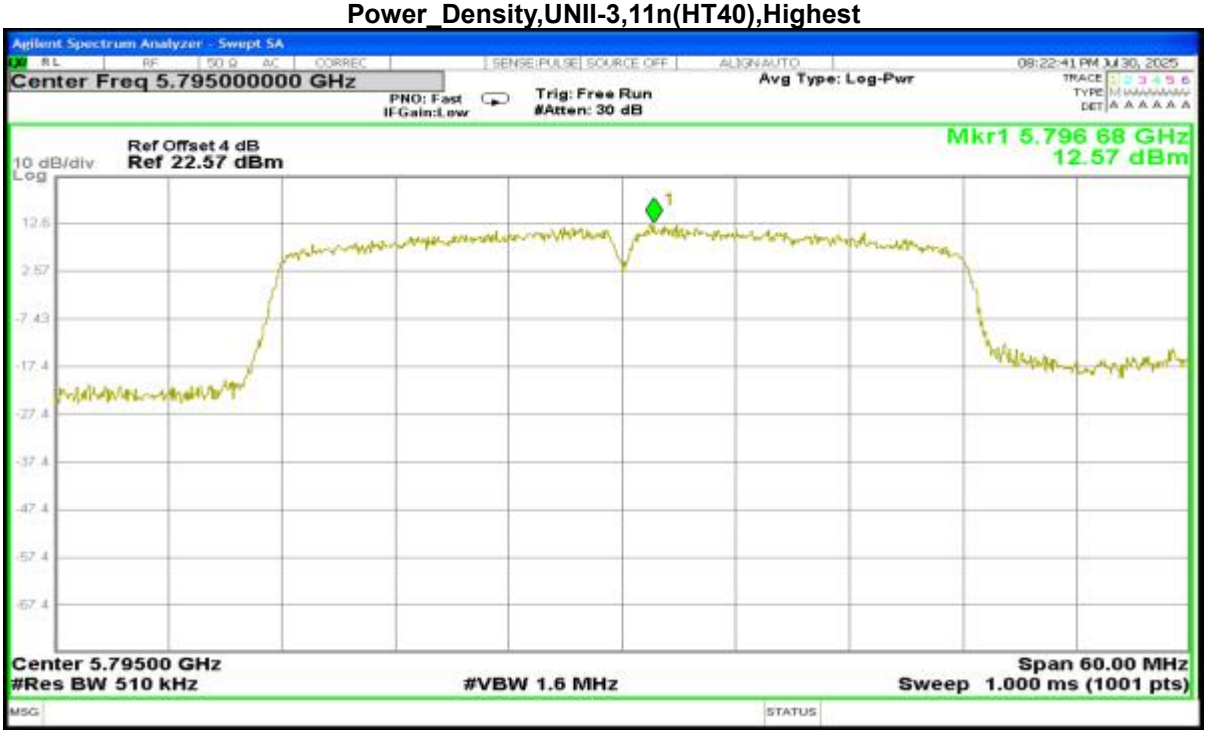
Power_Density,UNII-3,11n(HT40),Lowest



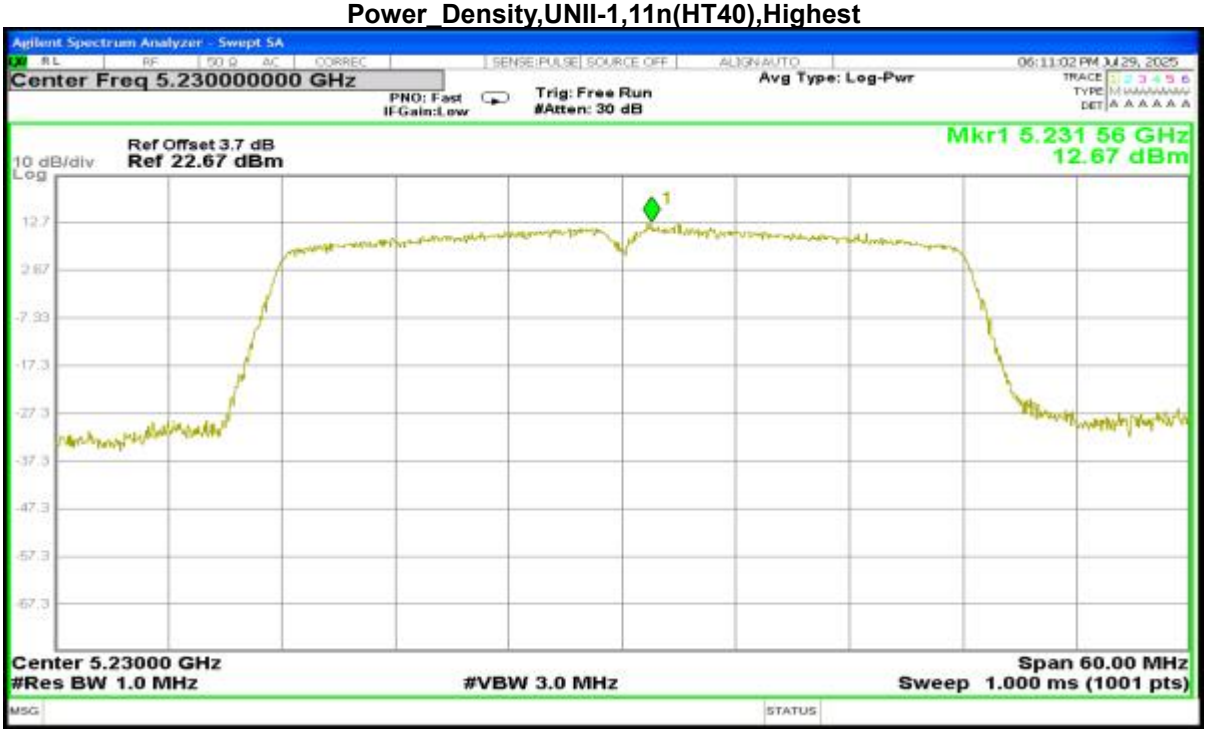
Power_Density,UNII-2C,11n(HT40),Middle



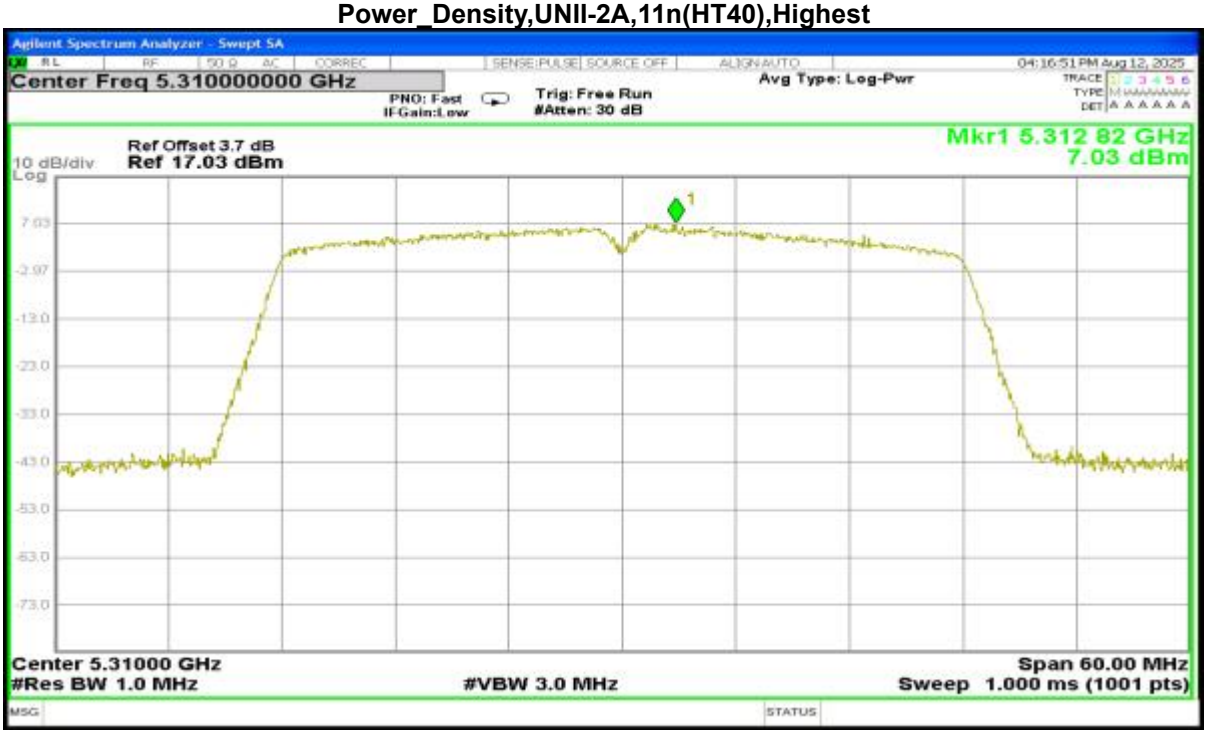
Power_Density,UNII-3,11n(HT40),Highest



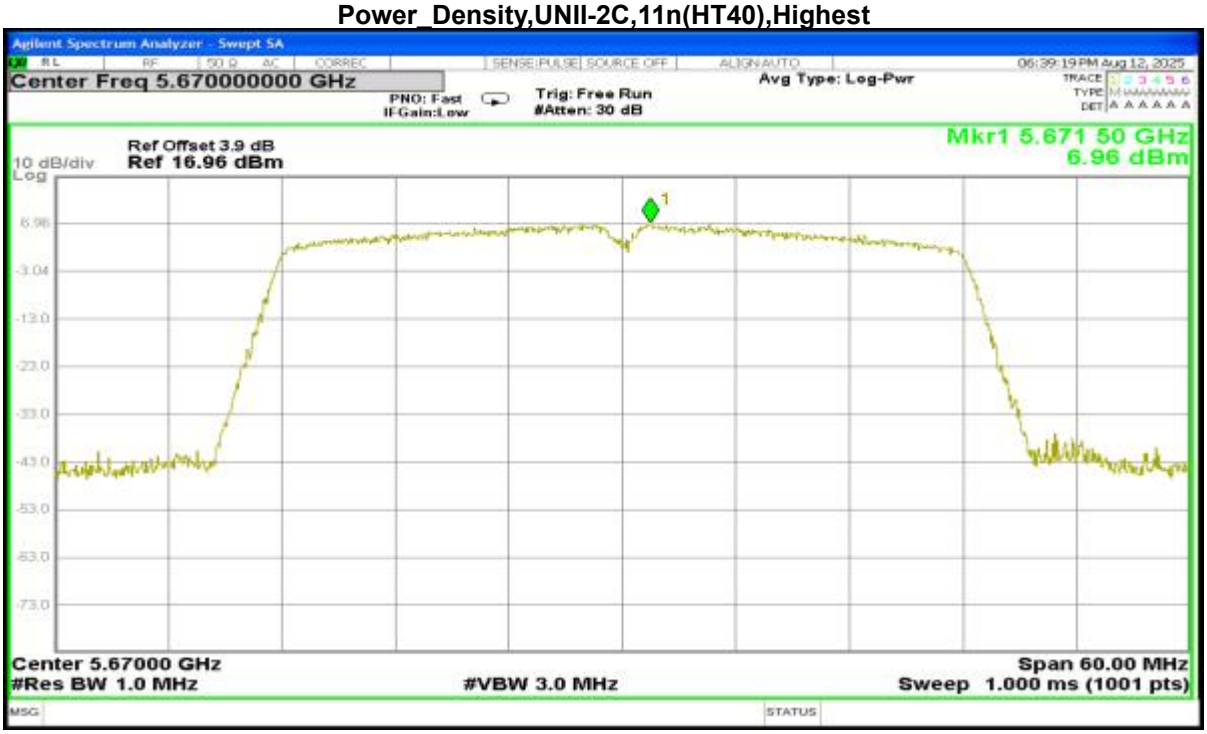
Power_Density,UNII-1,11n(HT40),Highest



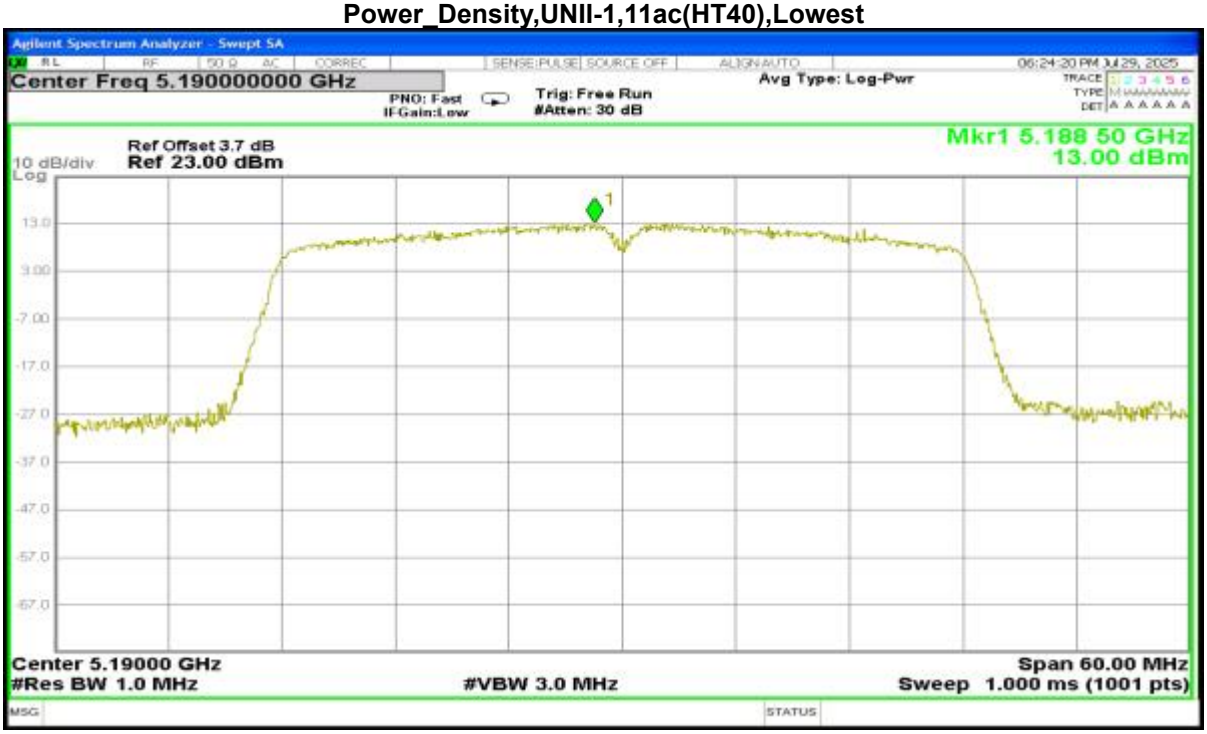
Power_Density,UNII-2A,11n(HT40),Highest



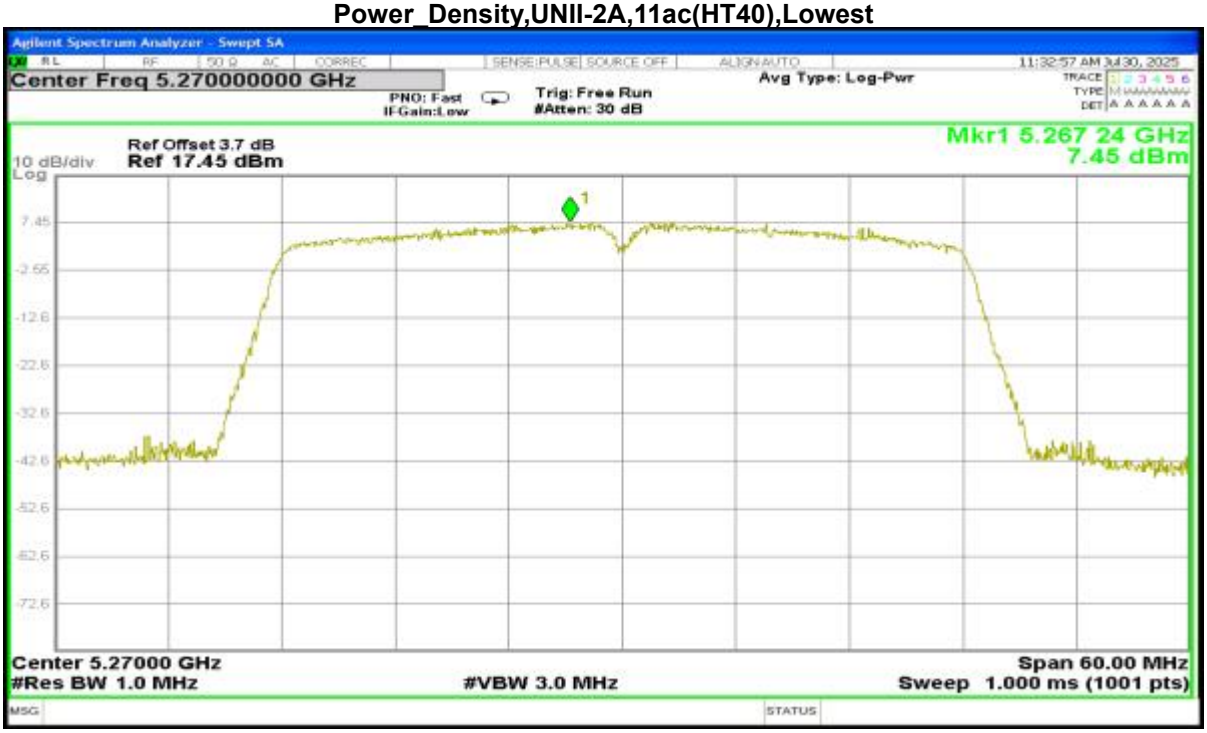
Power_Density,UNII-2C,11n(HT40),Highest



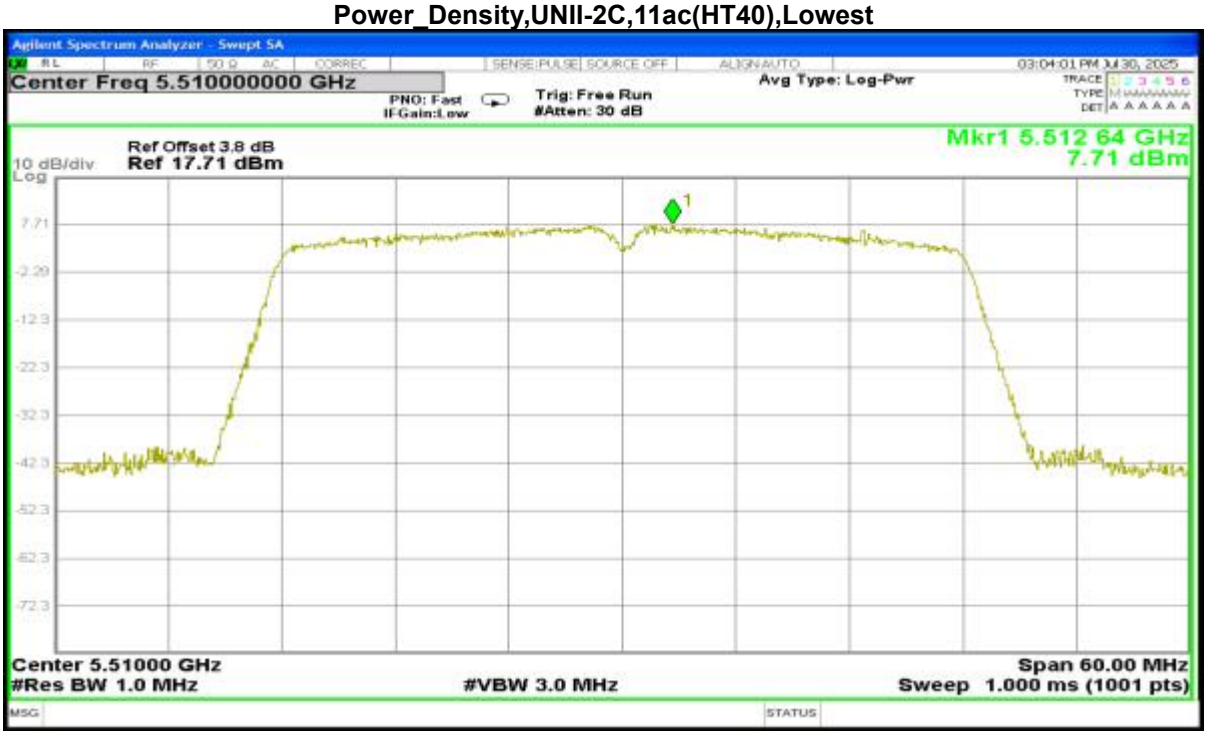
Power_Density,UNII-1,11ac(HT40),Lowest



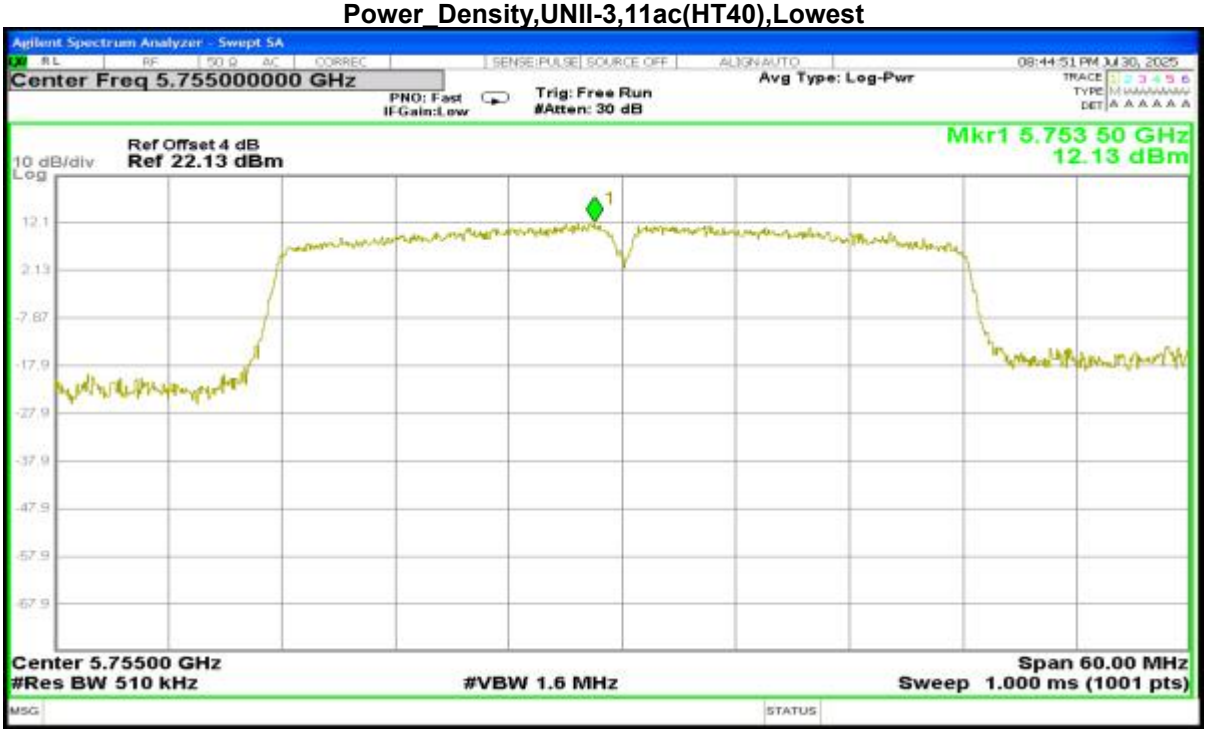
Power_Density,UNII-2A,11ac(HT40),Lowest



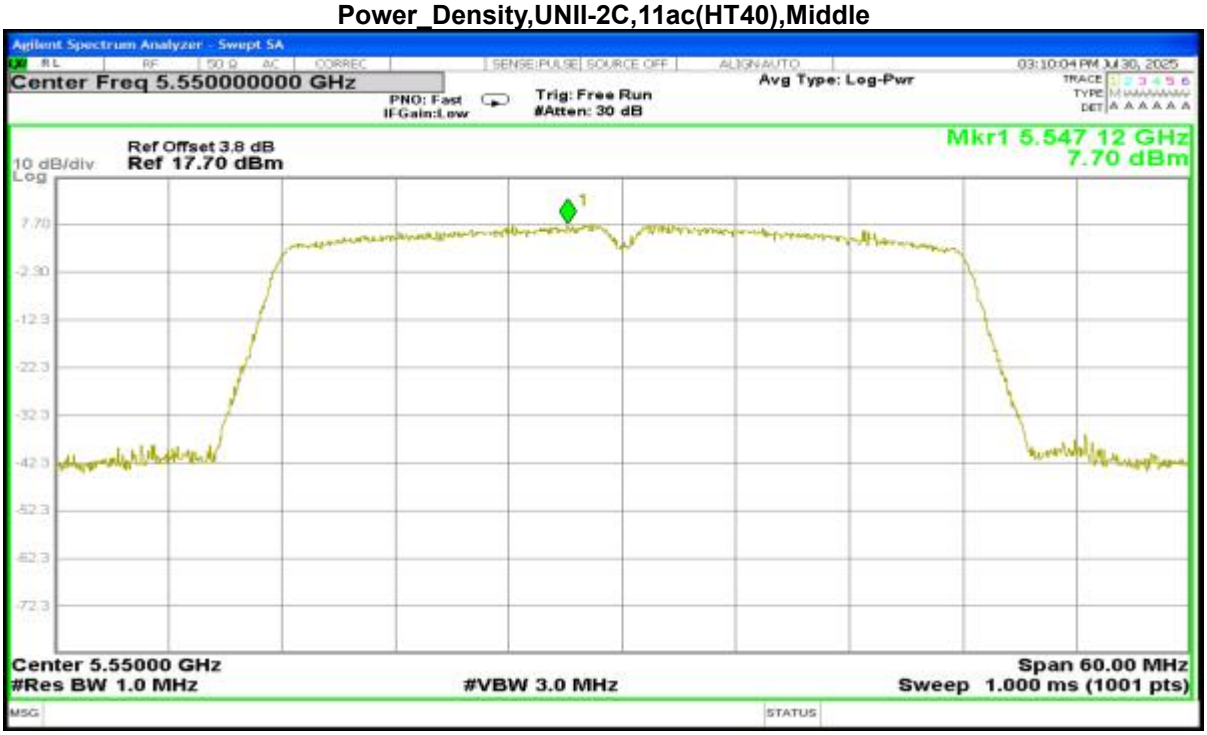
Power_Density,UNII-2C,11ac(HT40),Lowest



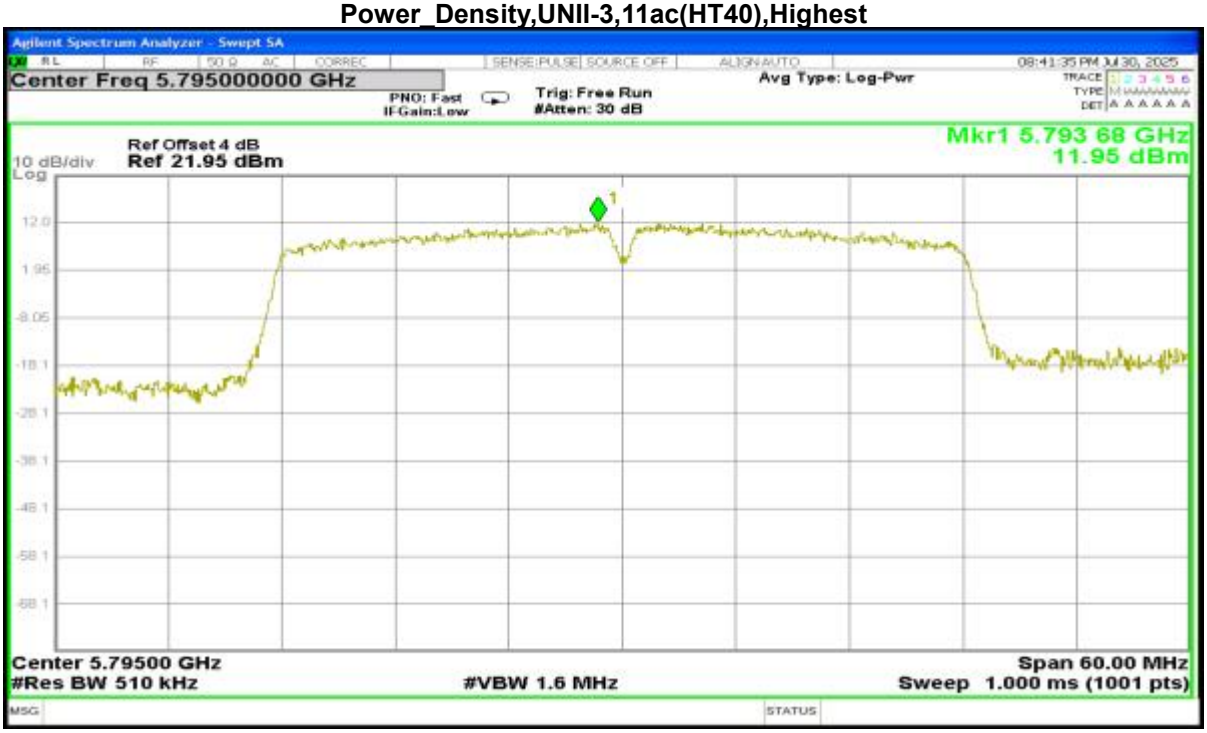
Power_Density,UNII-3,11ac(HT40),Lowest



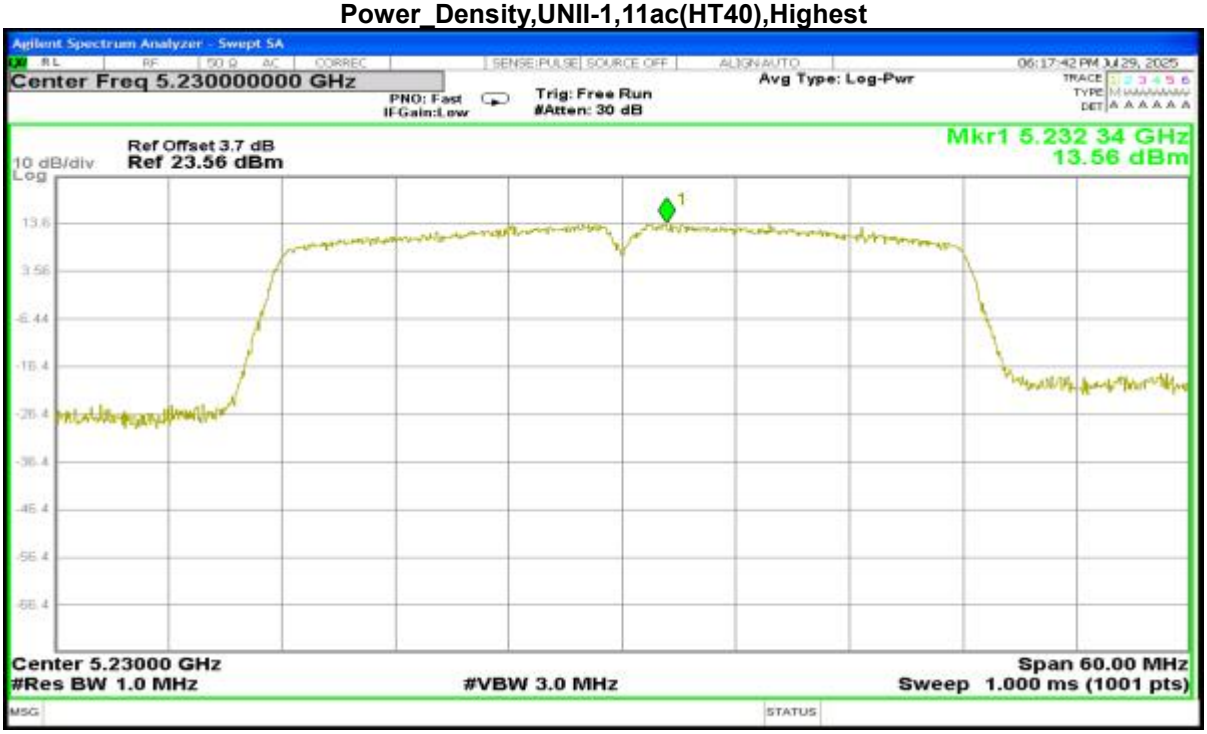
Power_Density,UNII-2C,11ac(HT40),Middle



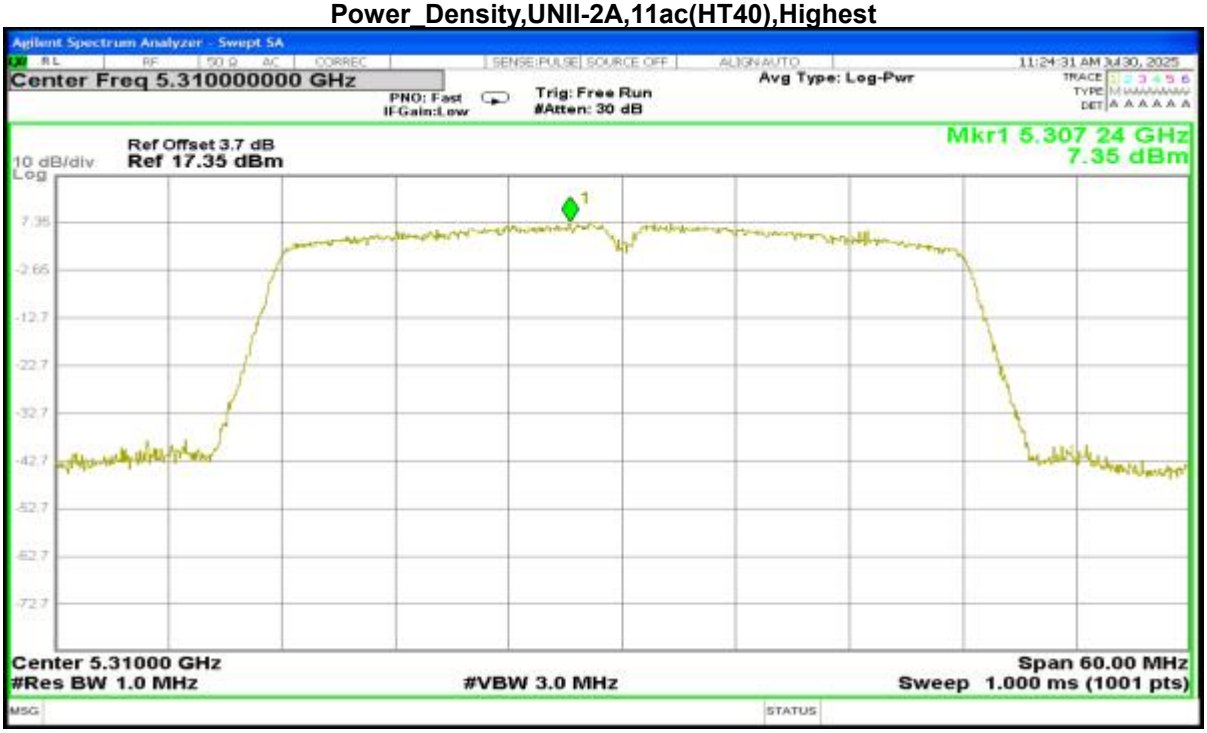
Power_Density,UNII-3,11ac(HT40),Highest



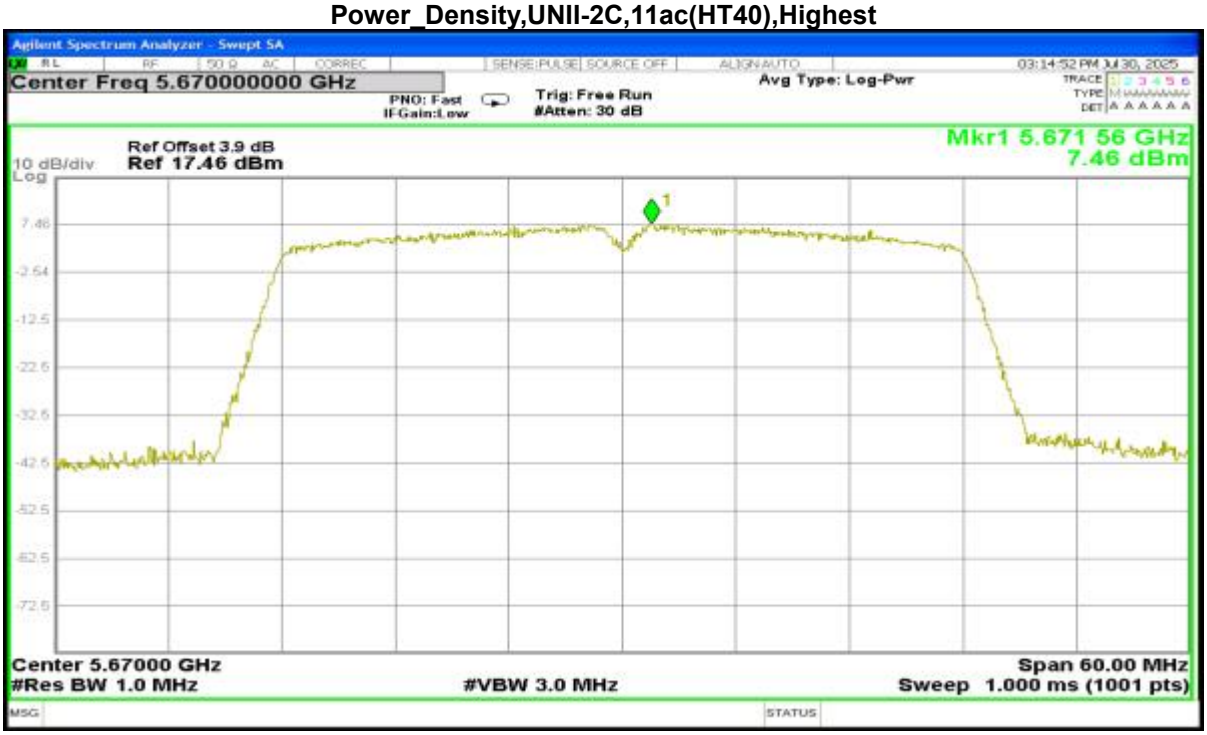
Power_Density,UNII-1,11ac(HT40),Highest



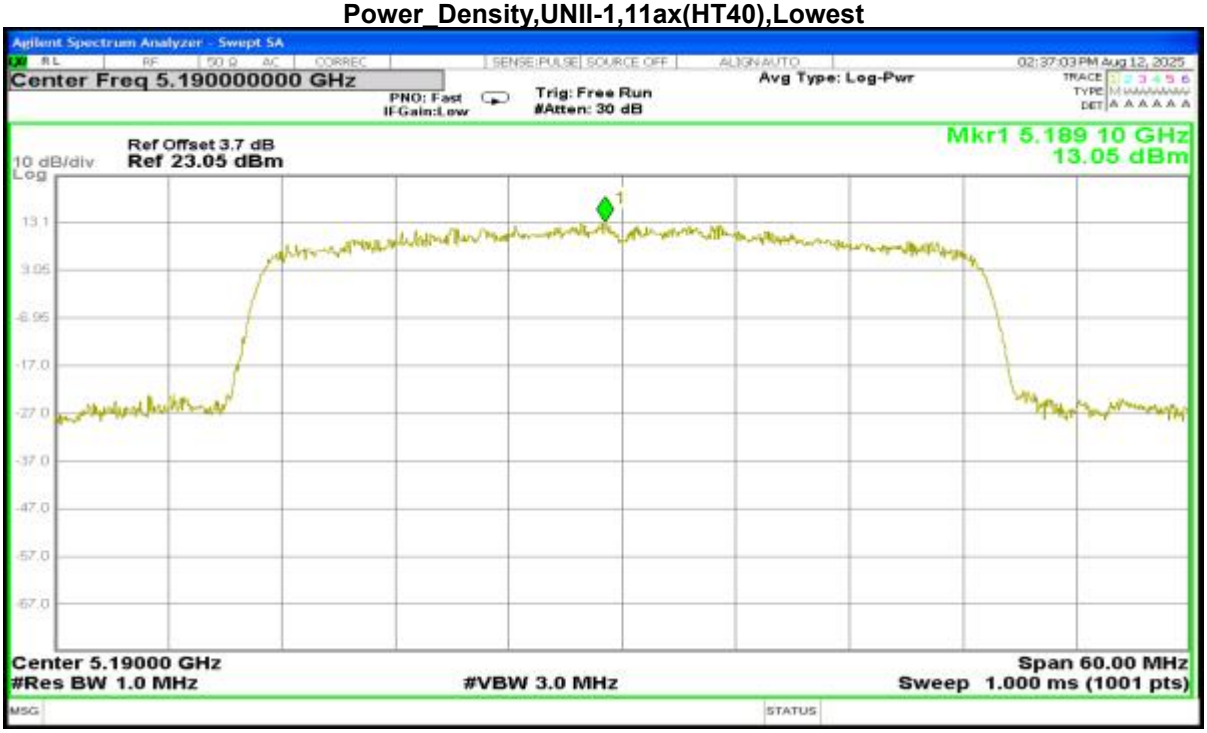
Power_Density,UNII-2A,11ac(HT40),Highest



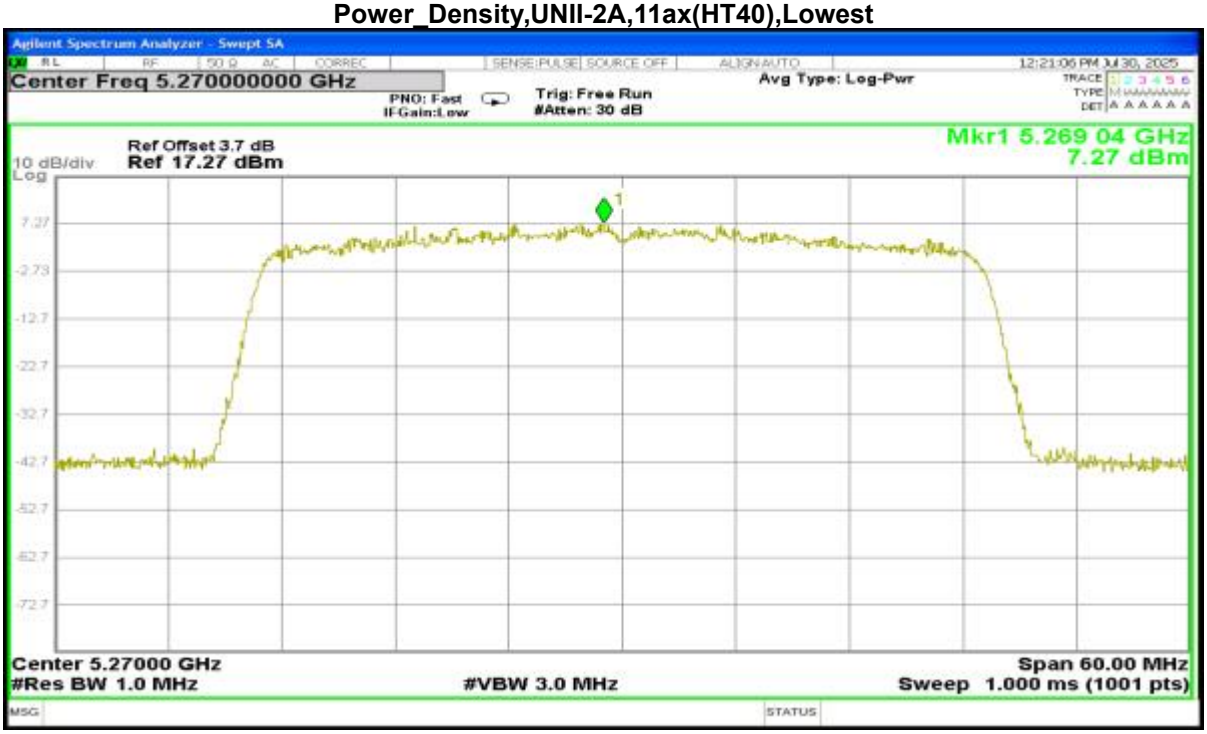
Power_Density,UNII-2C,11ac(HT40),Highest



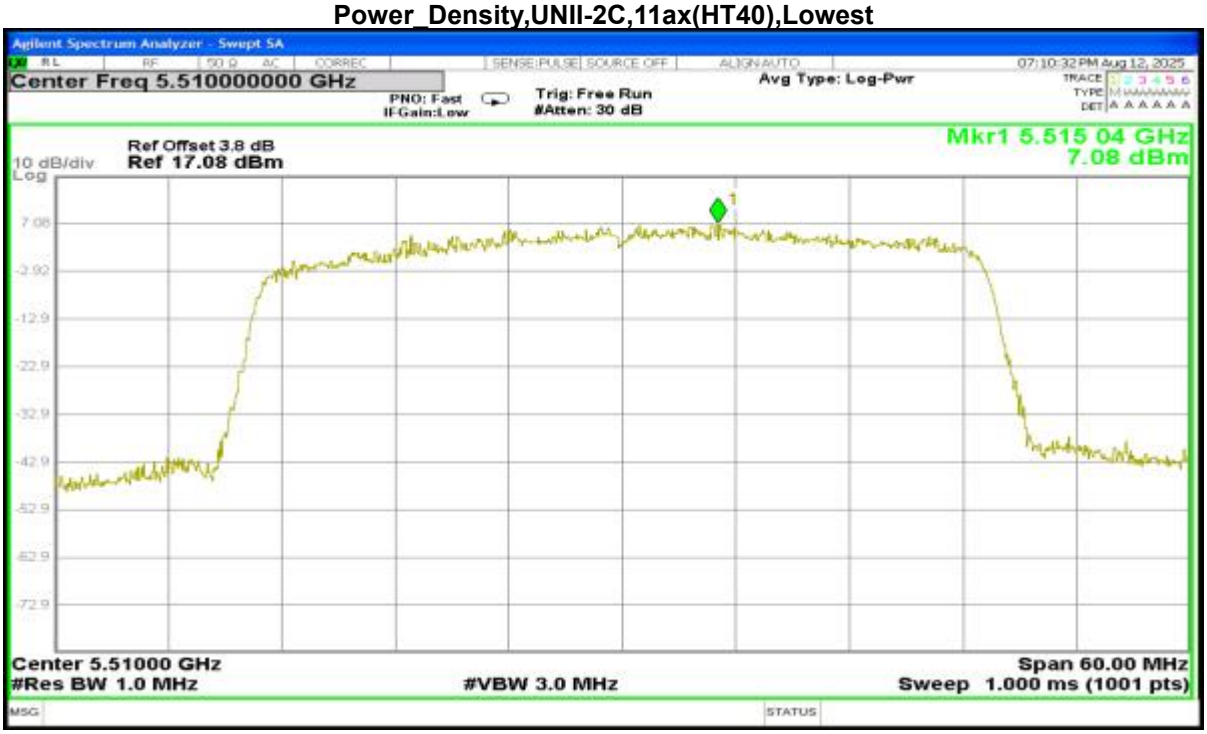
Power_Density,UNII-1,11ax(HT40),Lowest



Power_Density,UNII-2A,11ax(HT40),Lowest



Power_Density,UNII-2C,11ax(HT40),Lowest



Power_Density,UNII-3,11ax(HT40),Lowest