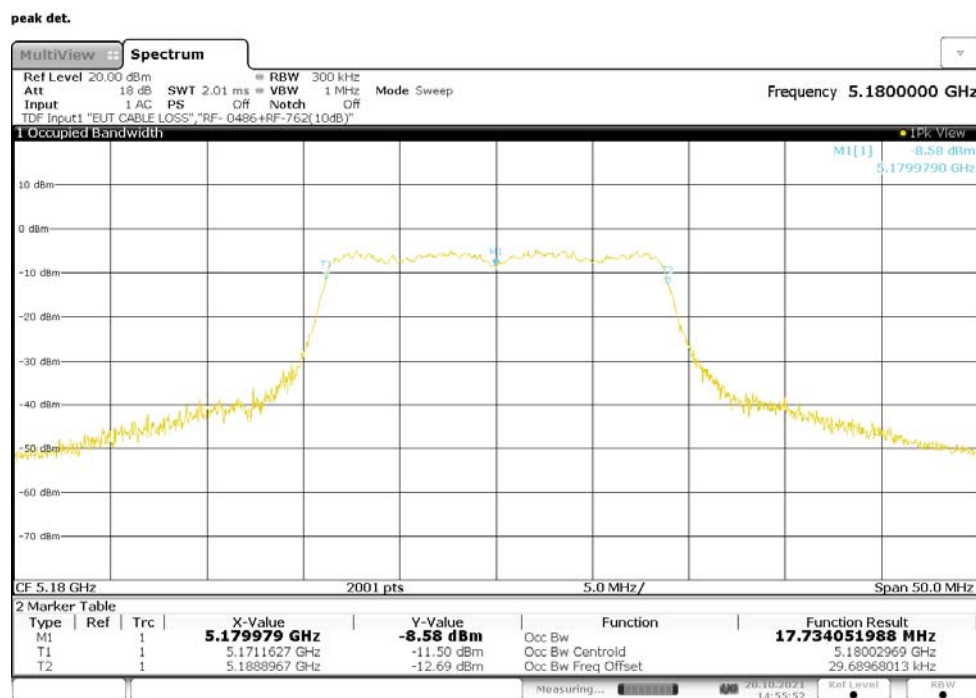


Table 90: 99% Bandwidth, 802.11ac-20, SISO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5180	17.734
5220	17.735
5240	17.736
5745	17.731
5785	17.742
5825	17.744

Figure 71: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5180MHz



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Figure 72: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5220MHz

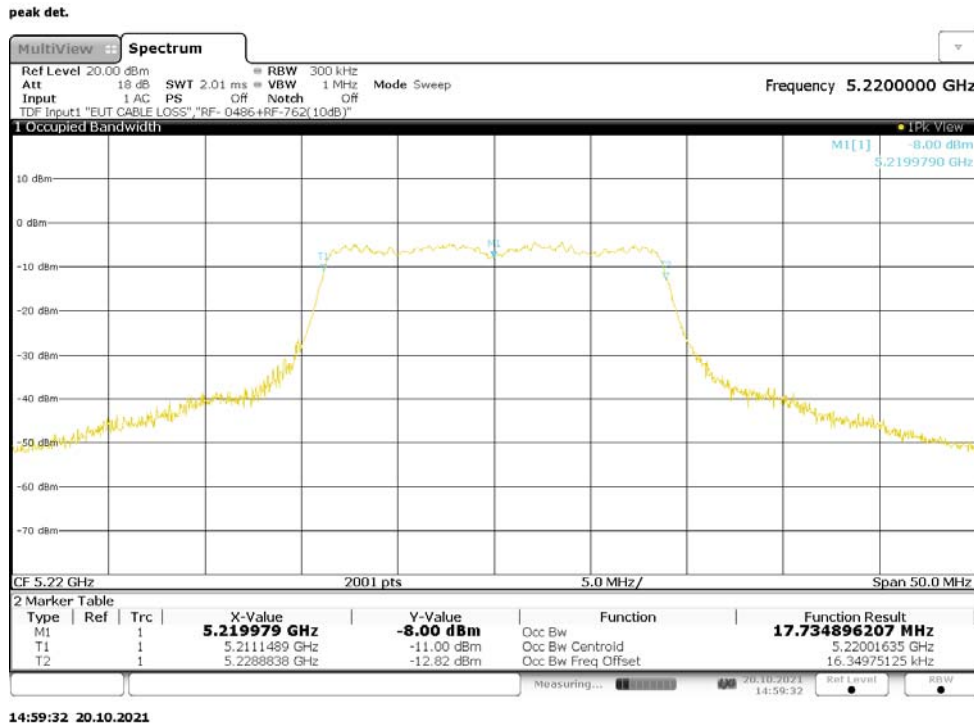
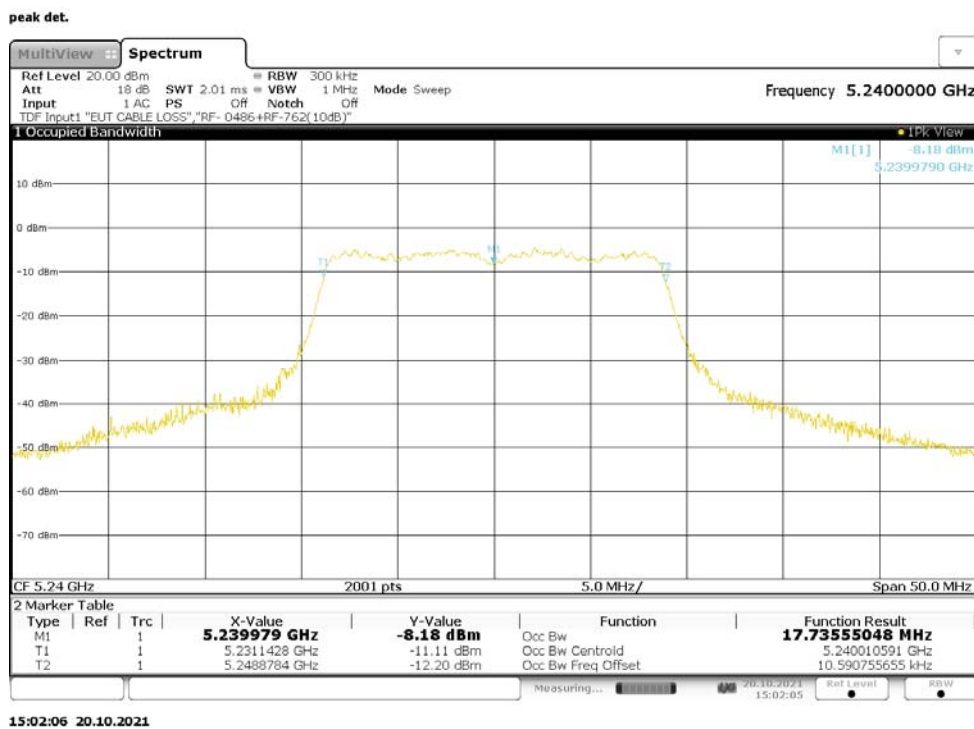


Figure 73: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5240MHz



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Figure 74: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5745MHz

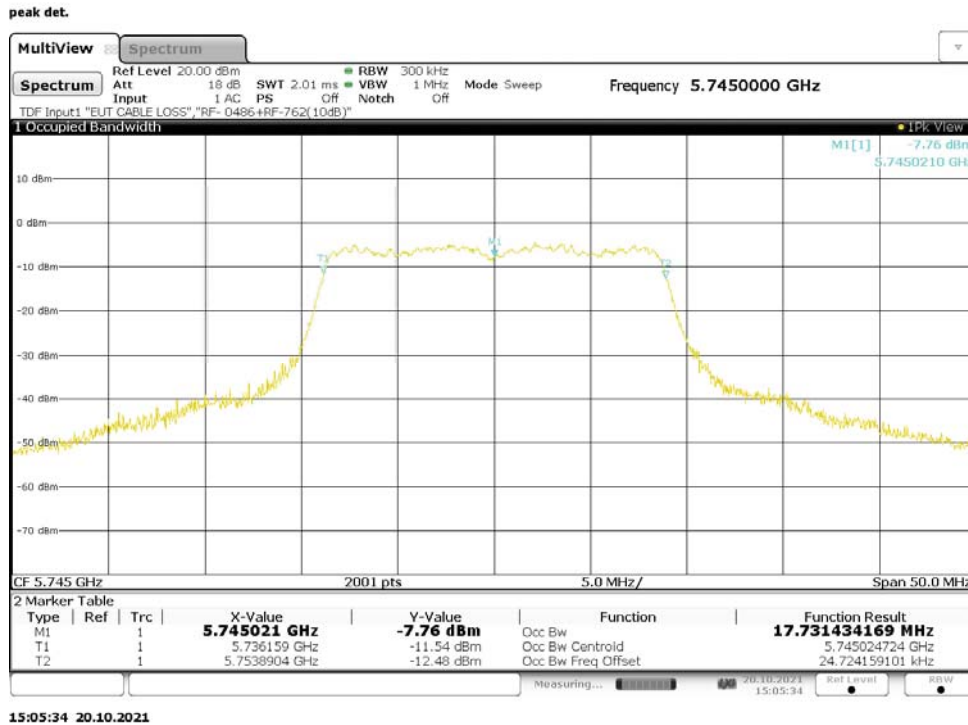
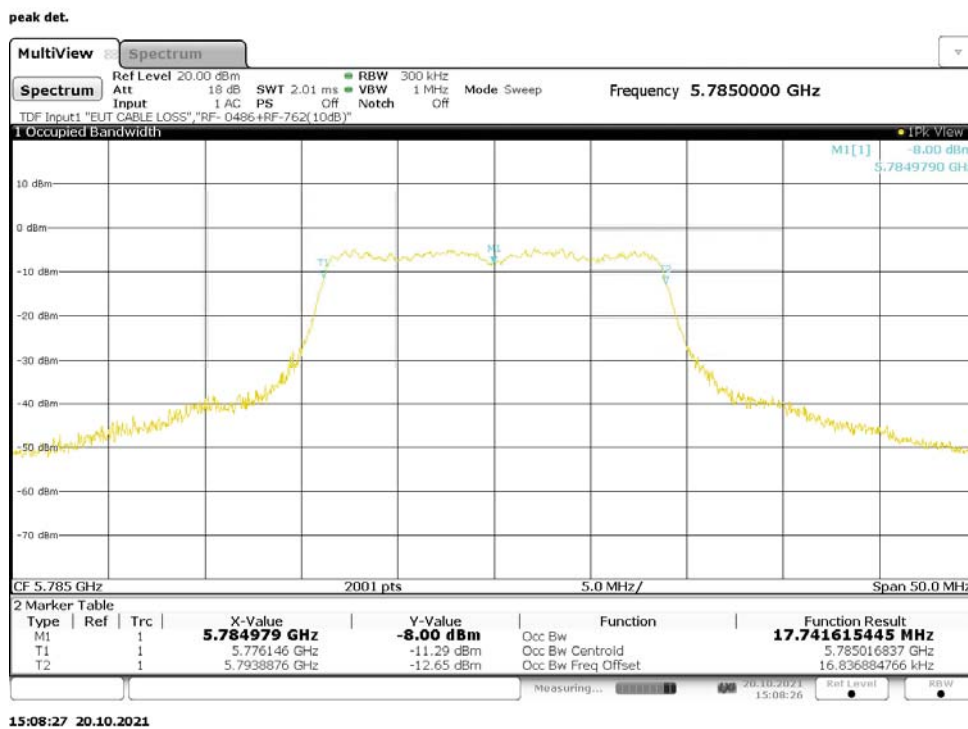


Figure 75: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5785MHz



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Figure 76: 99% Bandwidth, 802.11ac-20, SISO, RF0, 5825MHz

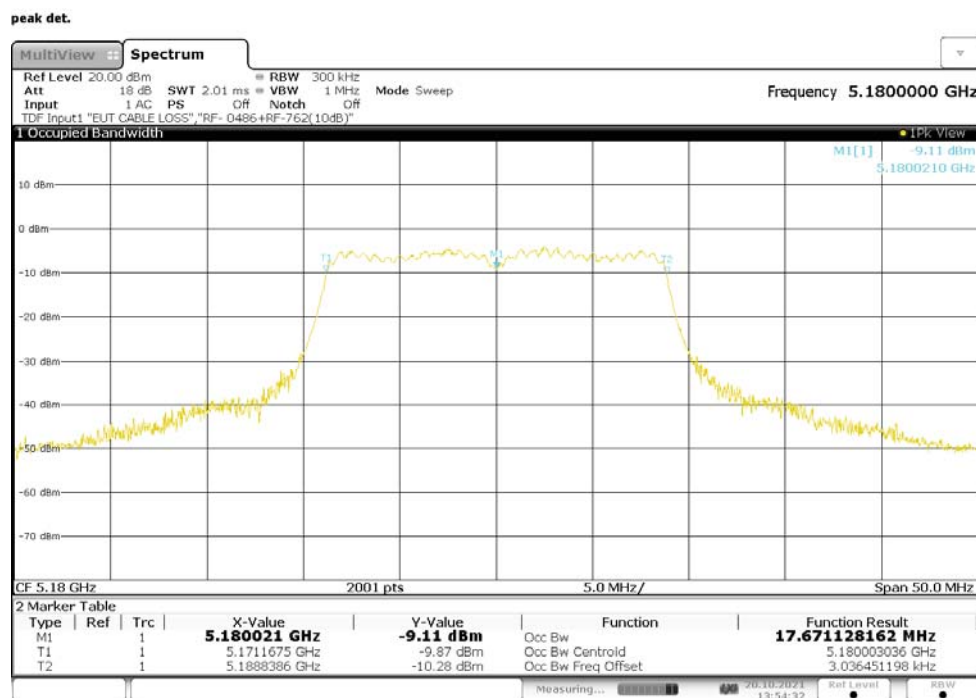


15:12:05 20.10.2021

Table 91: 99% Bandwidth, 802.11ac-20, CDD, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5180	17.671
5220	17.670
5240	17.670
5745	17.670
5785	17.676
5825	17.676

Figure 77: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5180MHz



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Figure 78: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5220MHz

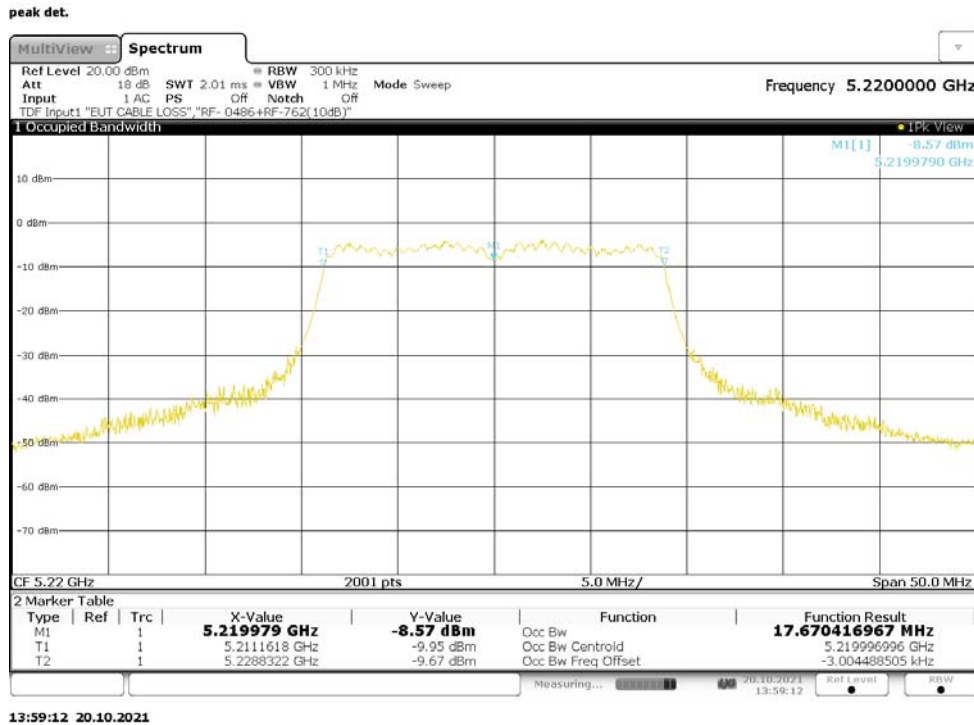
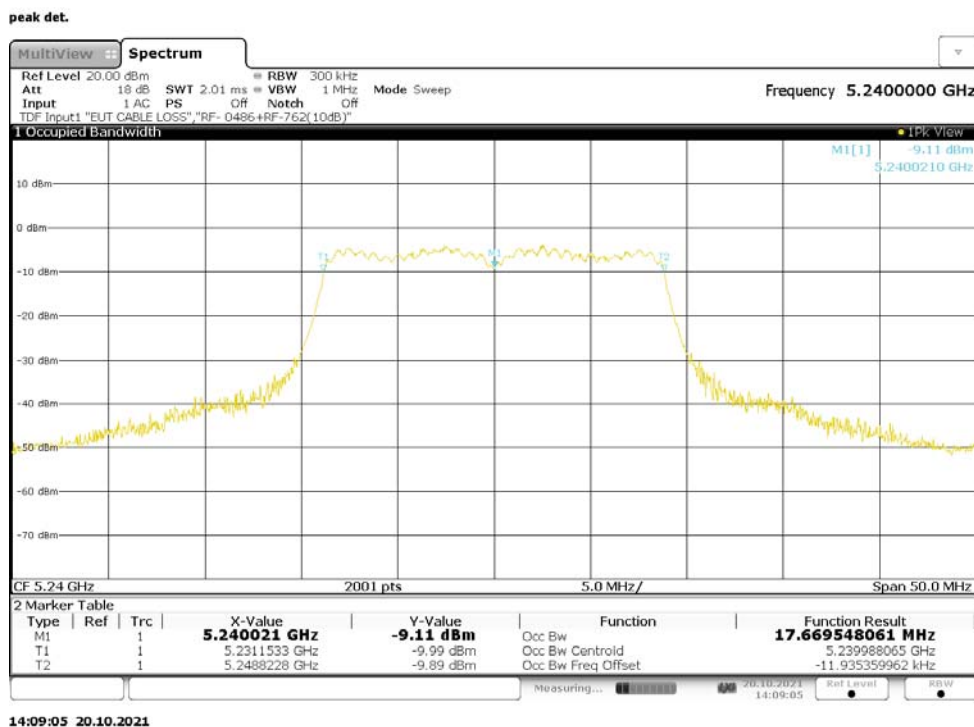


Figure 79: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5240MHz



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Figure 80: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5745MHz

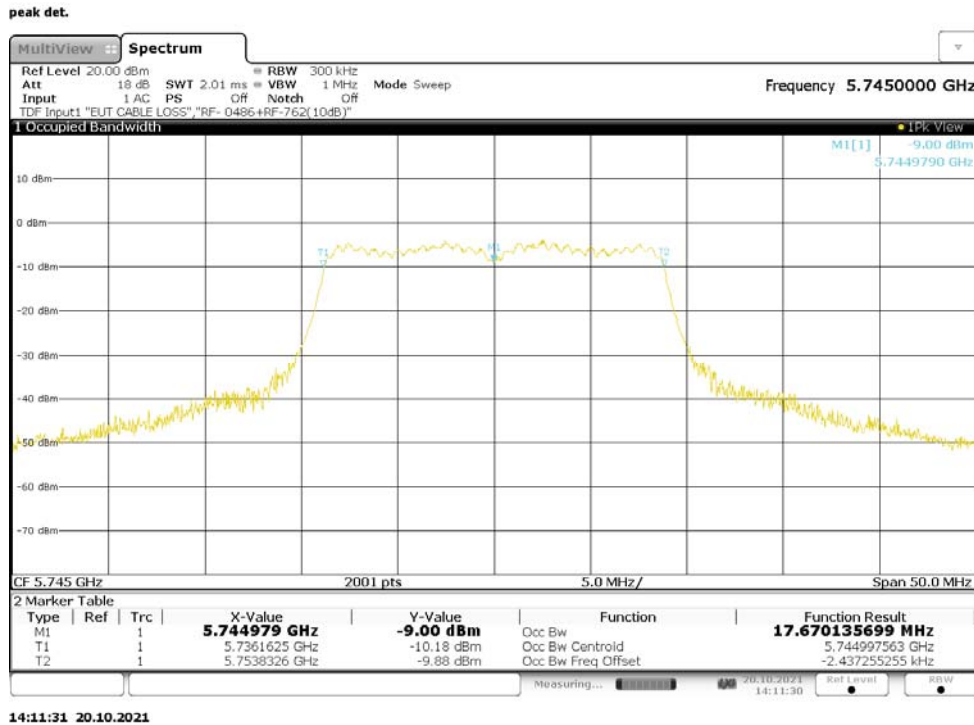
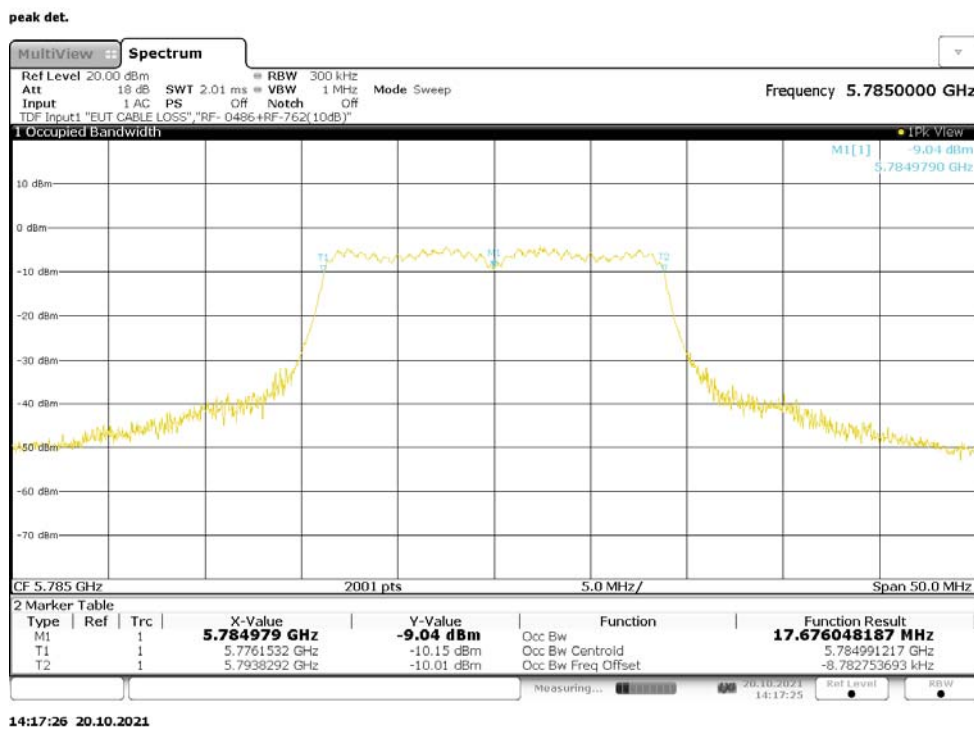


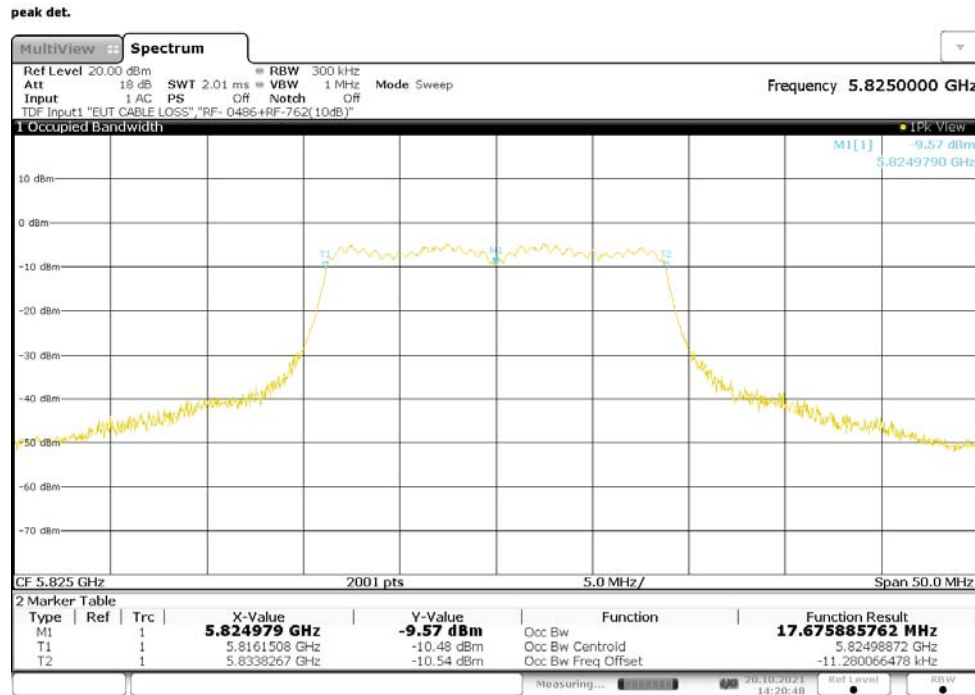
Figure 81: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5785MHz



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Figure 82: 99% Bandwidth, 802.11ac-20, CDD, RF0, 5825MHz

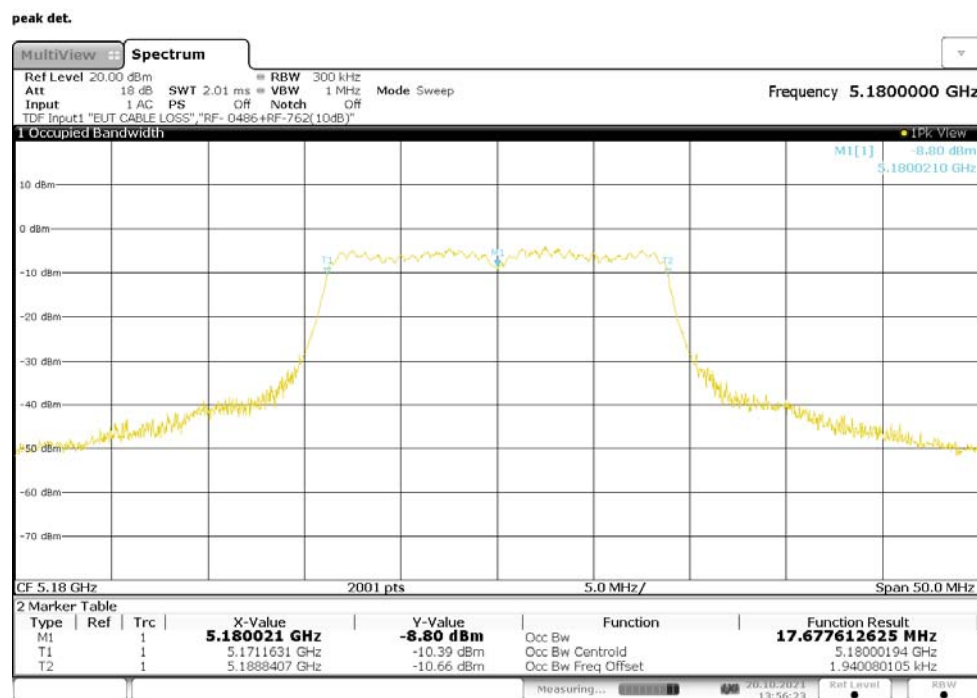


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Table 92: 99% Bandwidth, 802.11ac-20, MIMO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5180	17.678
5220	17.669
5240	17.679
5745	17.675
5785	17.675
5825	17.675

Figure 83: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5180MHz



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Figure 84: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5220MHz

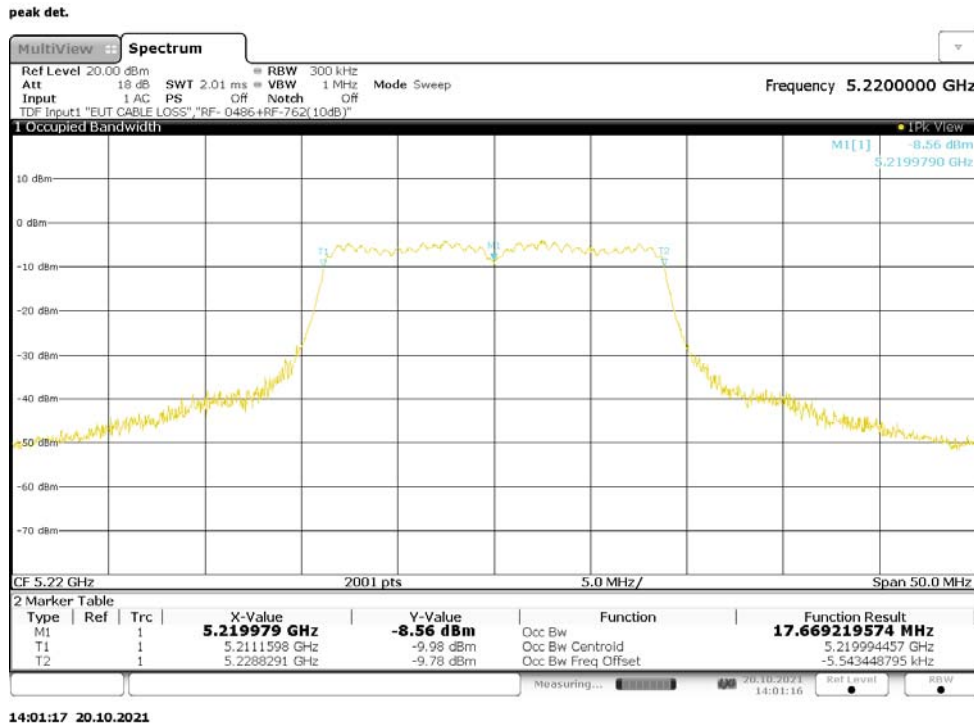
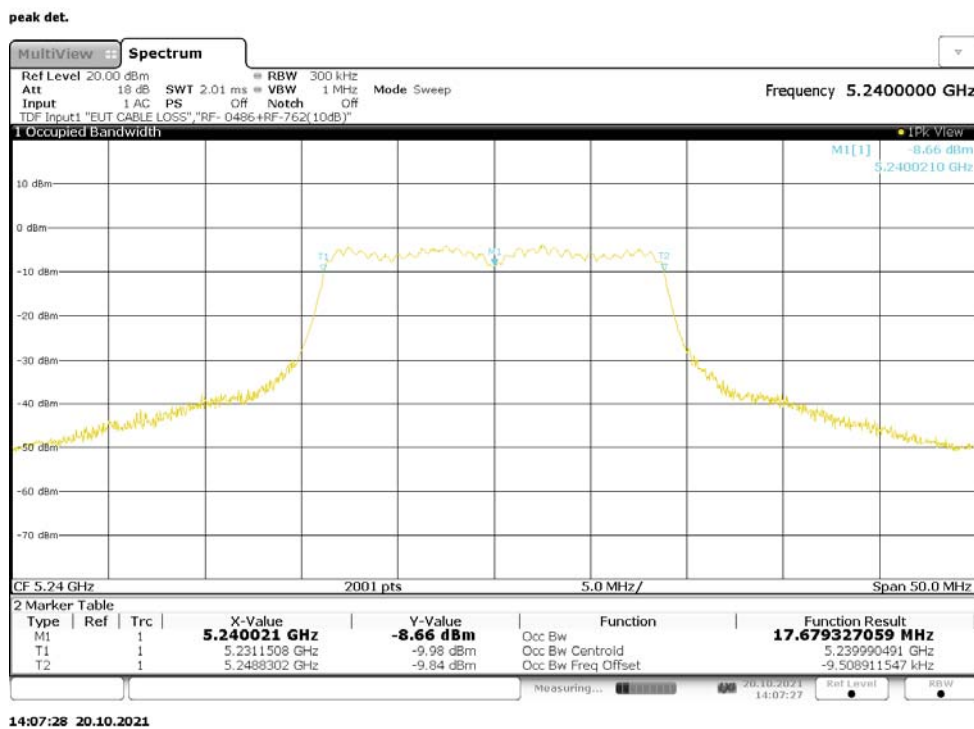


Figure 85: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5240MHz



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Figure 86: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5745MHz

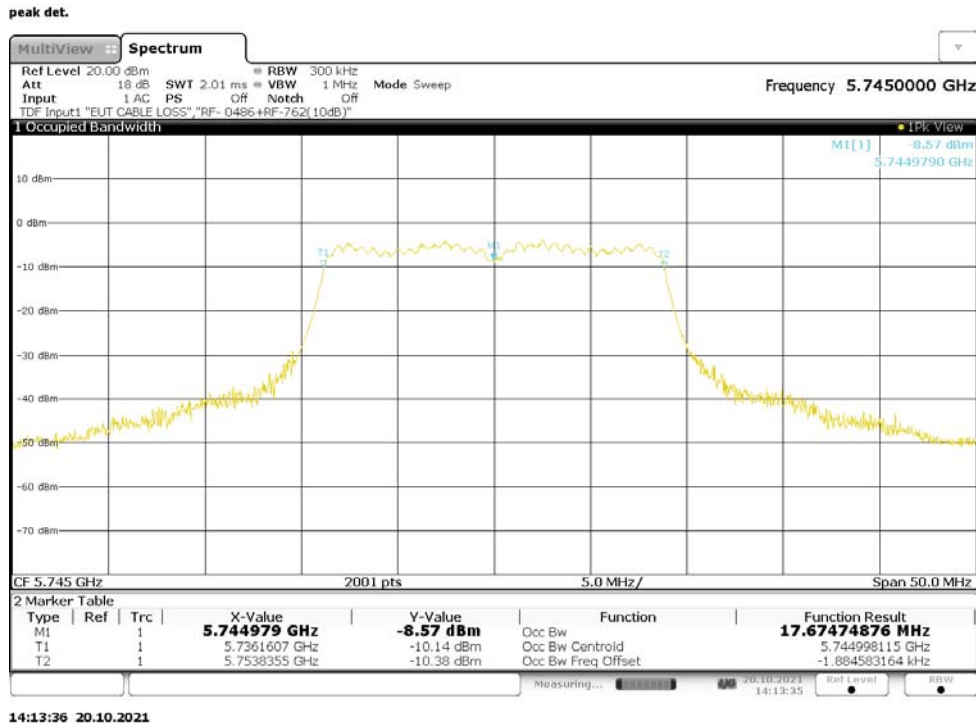
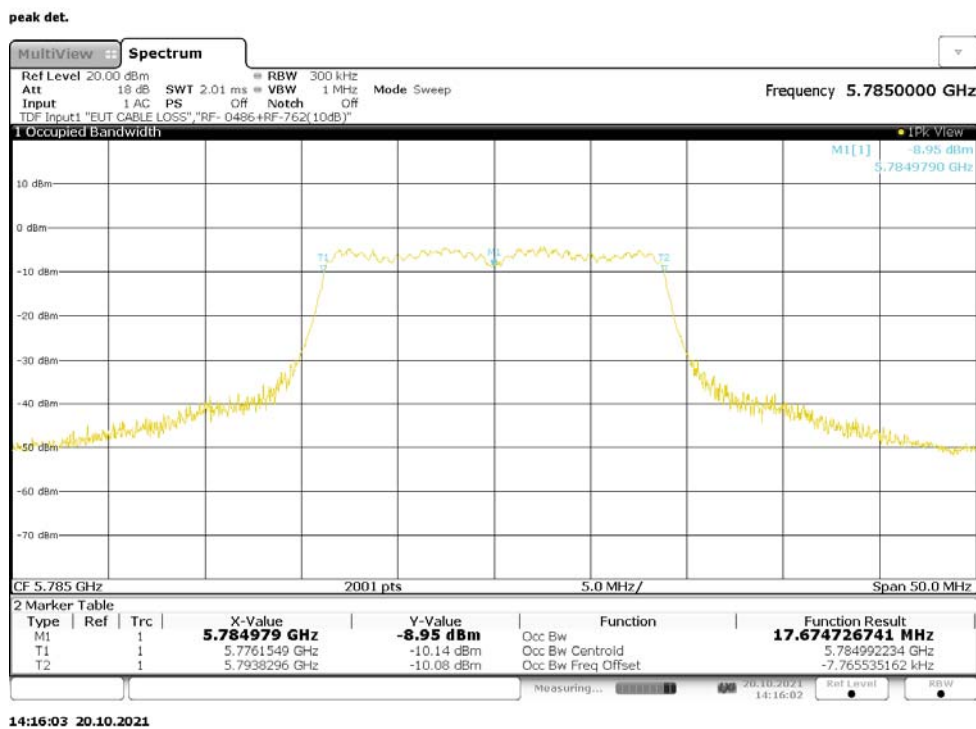


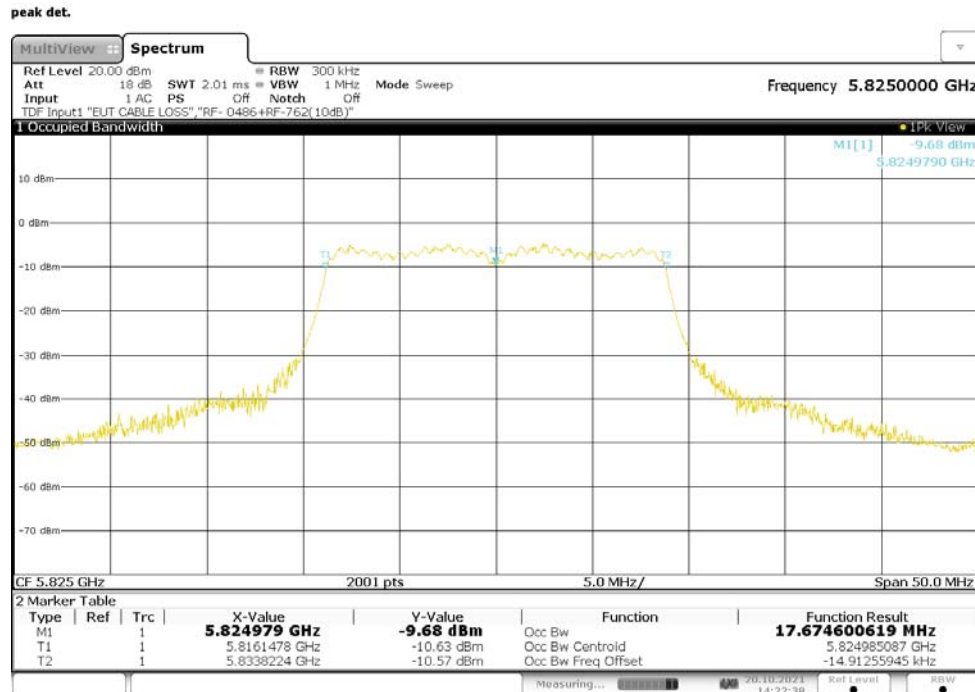
Figure 87: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5785MHz



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Figure 88: 99% Bandwidth, 802.11ac-20, MIMO, RF0, 5825MHz



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Table 93: 99% Bandwidth, 802.11n-40, SISO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]	Remarks
5190	36.760	
5230	36.722	
5755	36.753	Widest, 36M7D1D
5795	36.741	

Figure 89: 99% Bandwidth, 802.11n-40, SISO, RF0, 5190MHz



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Figure 90: 99% Bandwidth, 802.11n-40, SISO, RF0, 5230MHz

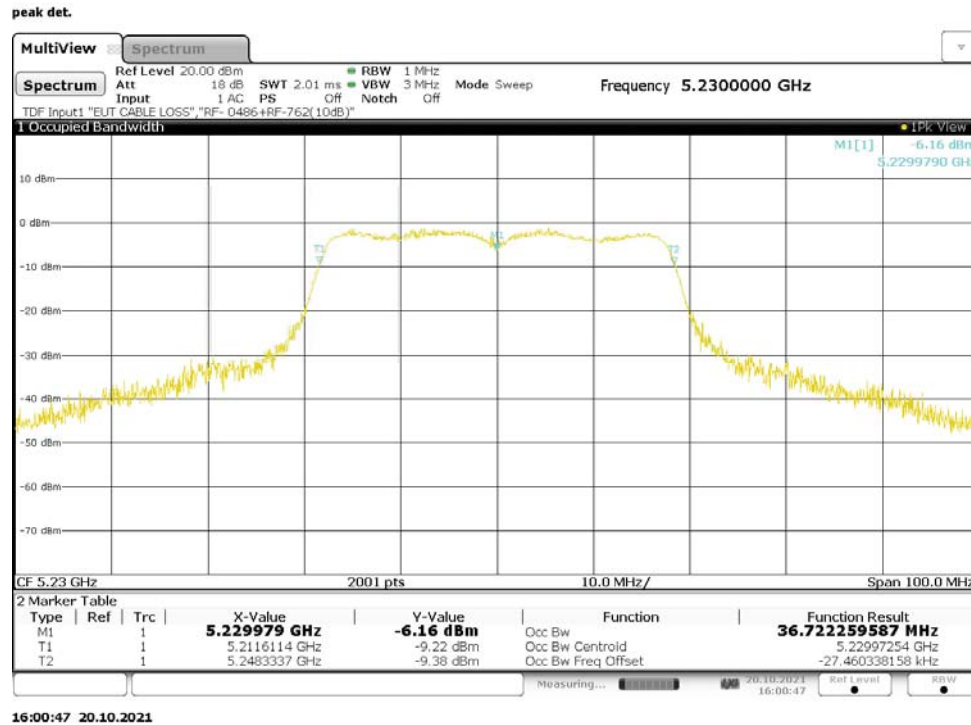
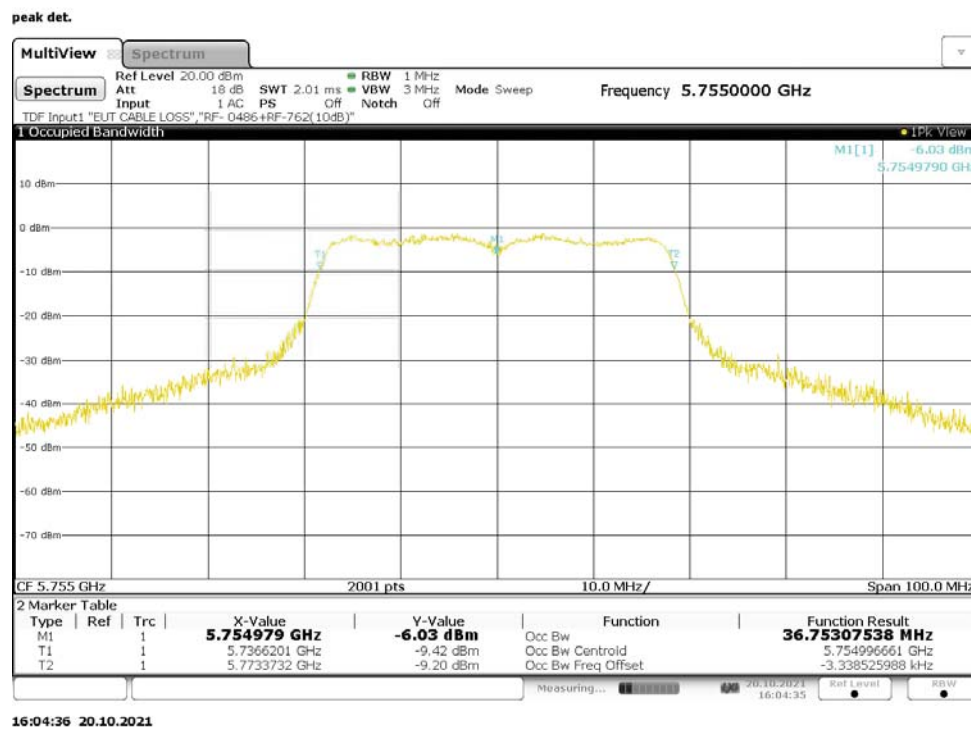


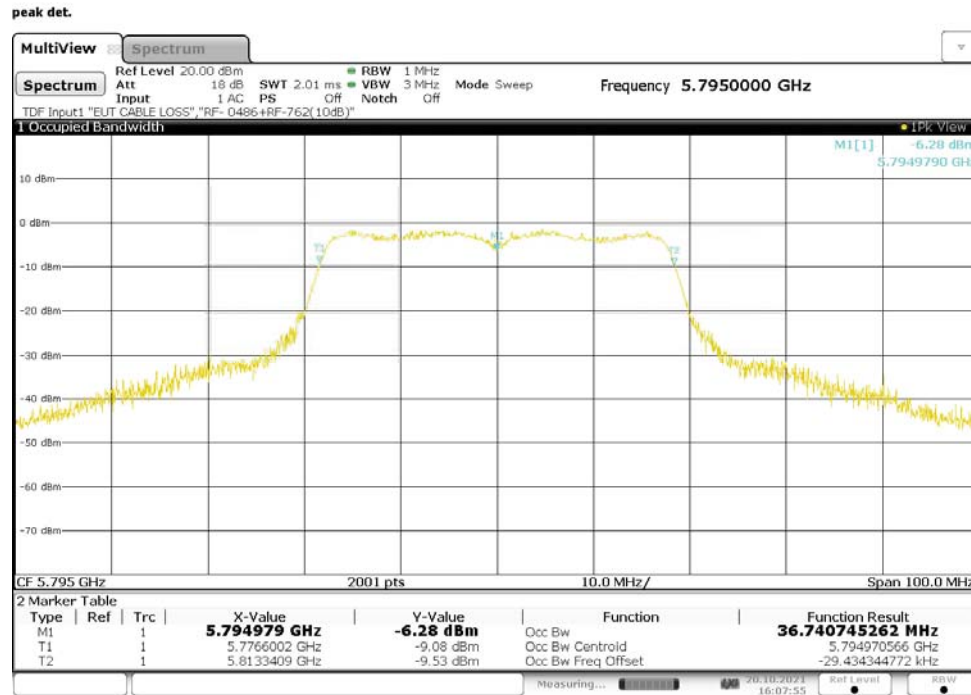
Figure 91: 99% Bandwidth, 802.11n-40, SISO, RF0, 5755MHz



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Figure 92: 99% Bandwidth, 802.11n-40, SISO, RF0, 5795MHz



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Table 94: 99% Bandwidth, 802.11n-40, CDD, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5190	36.388
5230	36.378
5755	36.410
5795	36.407

Figure 93: 99% Bandwidth, 802.11n-40, CDD, RF0, 5190MHz



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Figure 94: 99% Bandwidth, 802.11n-40, CDD, RF0, 5230MHz

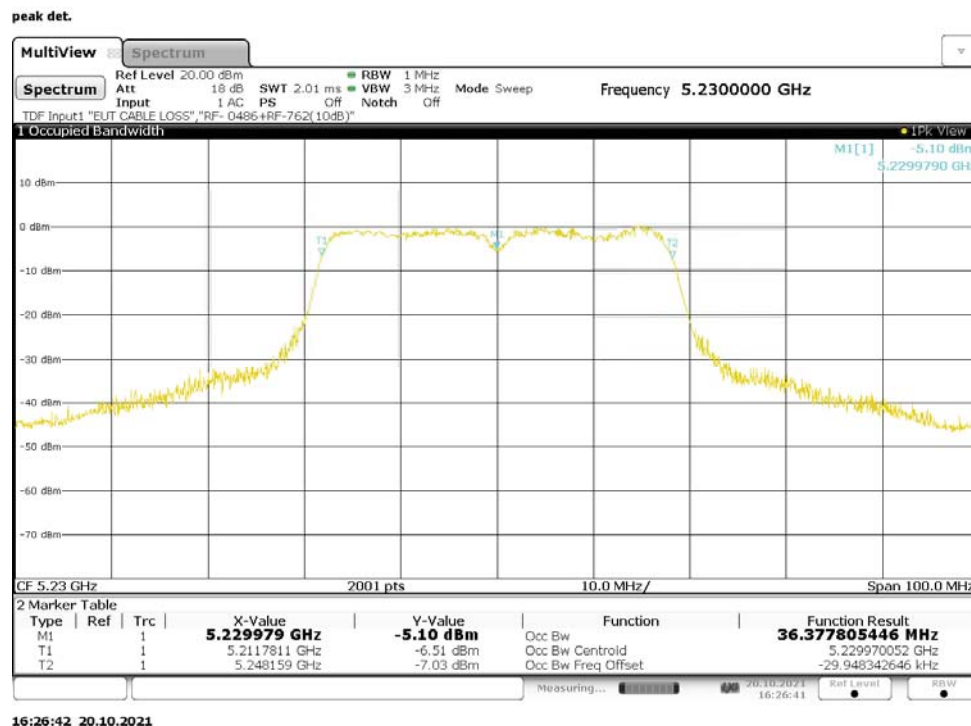
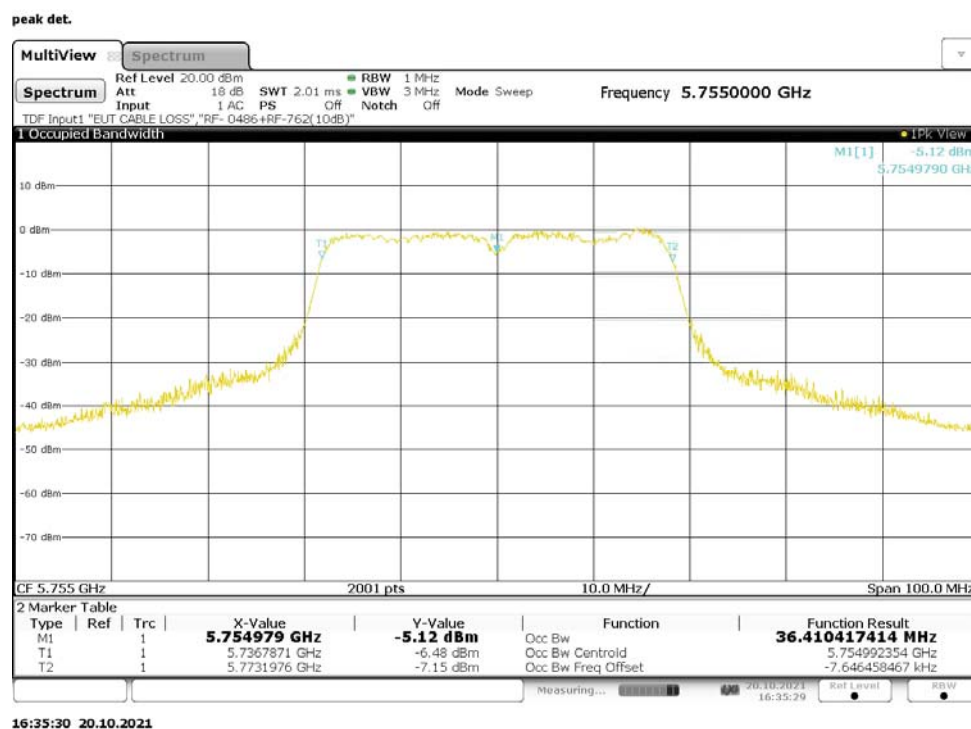


Figure 95: 99% Bandwidth, 802.11n-40, CDD, RF0, 5755MHz



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Figure 96: 99% Bandwidth, 802.11n-40, CDD, RF0, 5795MHz



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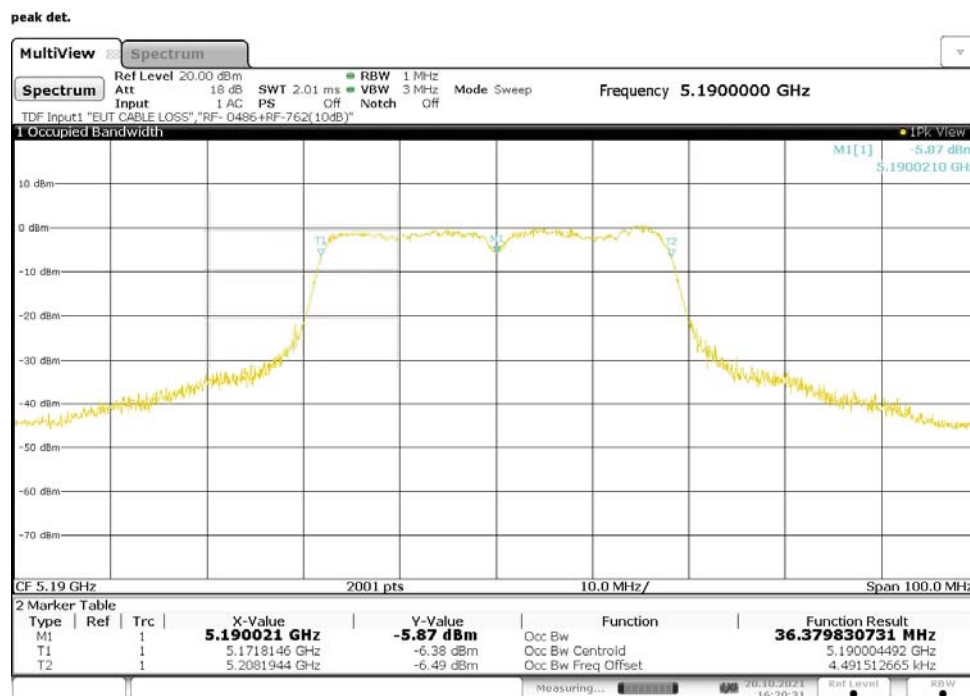
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Table 95: 99% Bandwidth, 802.11n-40, MIMO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]	Remarks
5190	36.780	Widest, 36M8D1D
5230	36.382	
5755	36.403	
5795	36.393	

Figure 97: 99% Bandwidth, 802.11n-40, MIMO, RF0, 5190MHz



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Figure 98: 99% Bandwidth, 802.11n-40, MIMO, RF0, 5230MHz

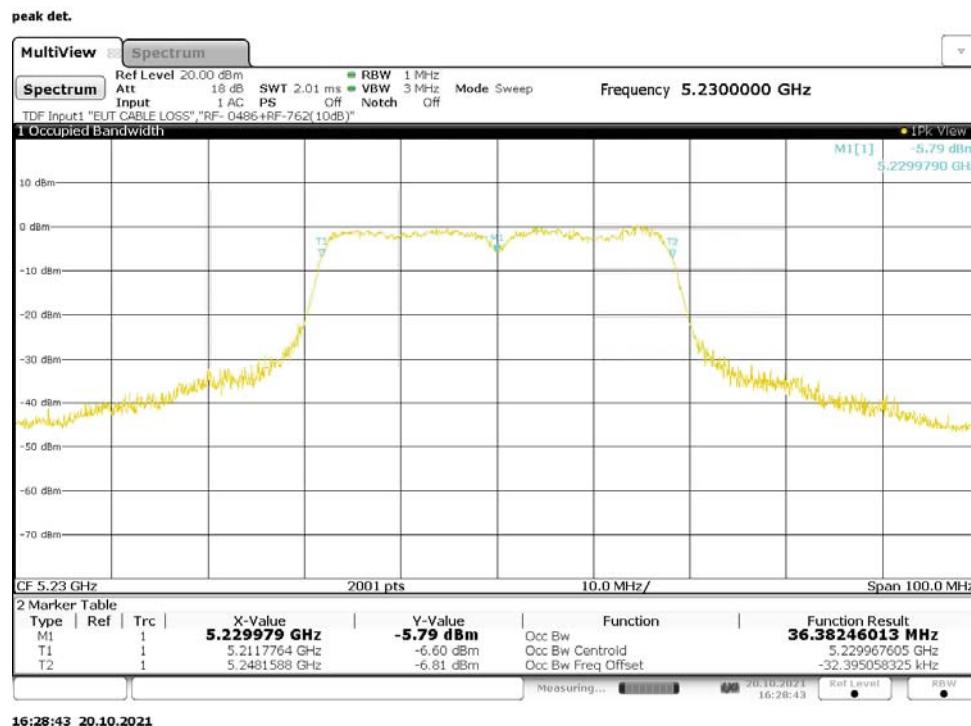
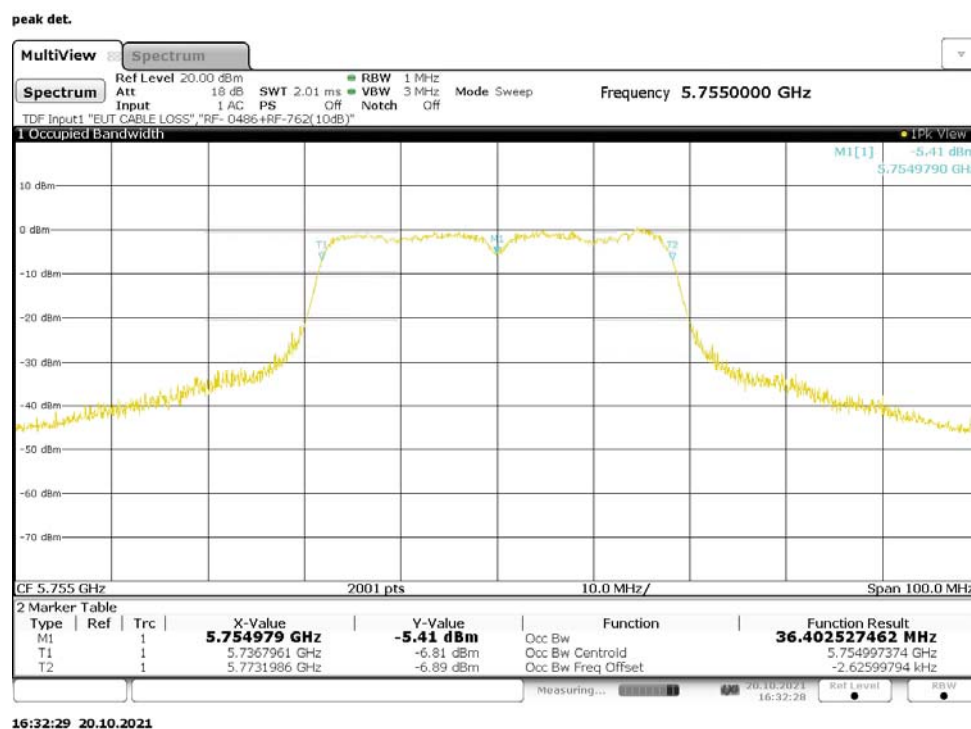


Figure 99: 99% Bandwidth, 802.11n-40, MIMO, RF0, 5755MHz



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Figure 100: 99% Bandwidth, 802.11n-40, MIMO, RF0, 5795MHz



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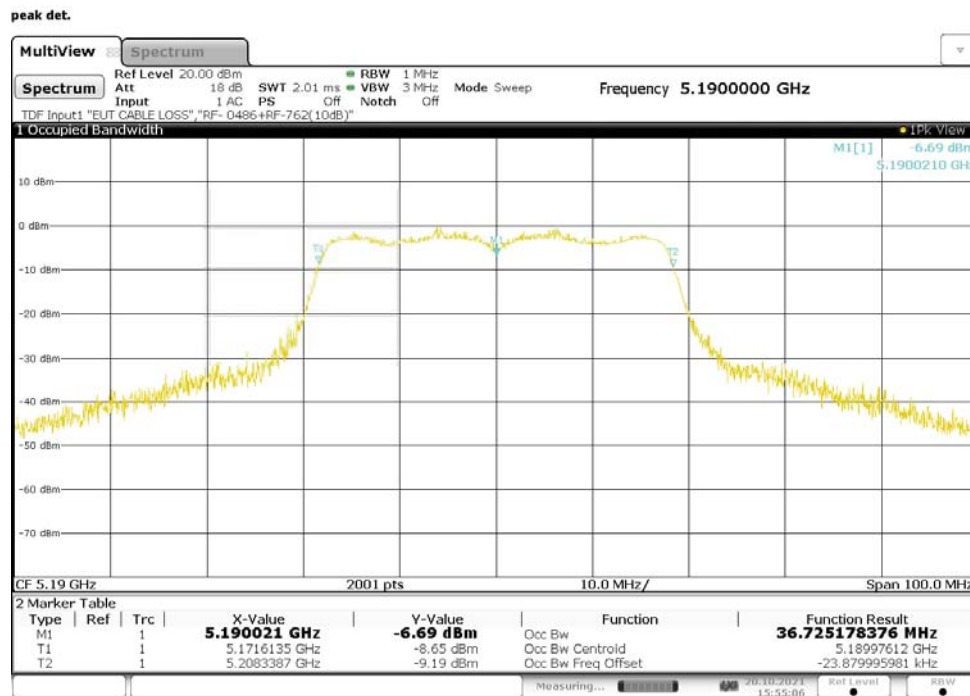
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Table 96: 99% Bandwidth, 802.11ac-40, SISO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5190	36.725
5230	36.711
5755	36.728
5795	36.727

Figure 101: 99% Bandwidth, 802.11ac-40, SISO, RF0, 5190MHz



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Figure 102: 99% Bandwidth, 802.11ac-40, SISO, RF0, 5230MHz

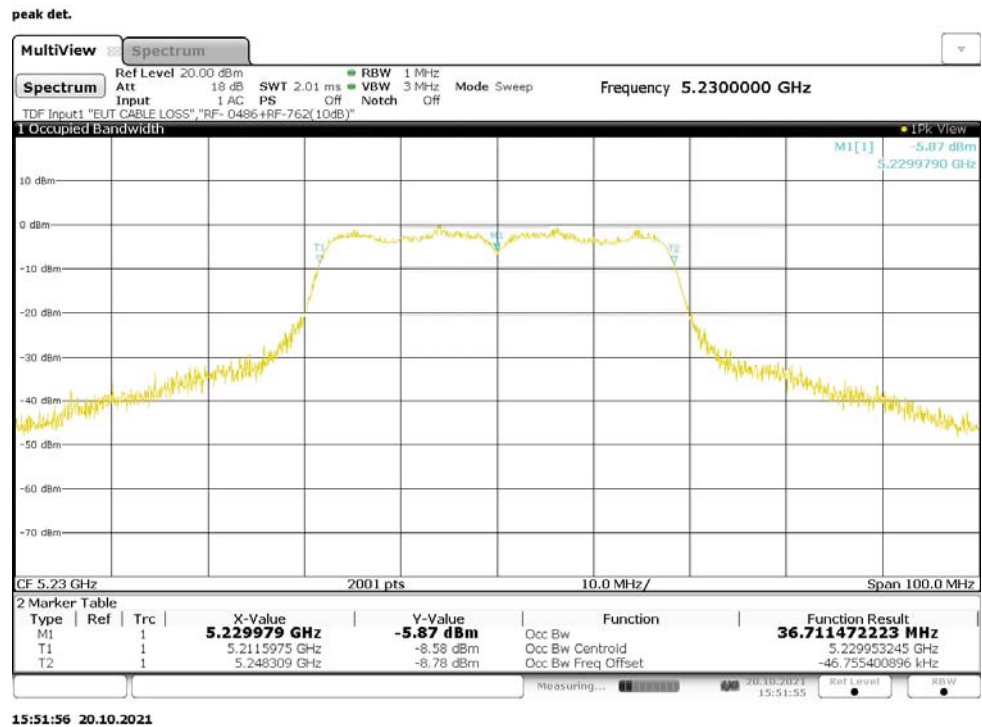


Figure 103: 99% Bandwidth, 802.11ac-40, SISO, RF0, 5755MHz

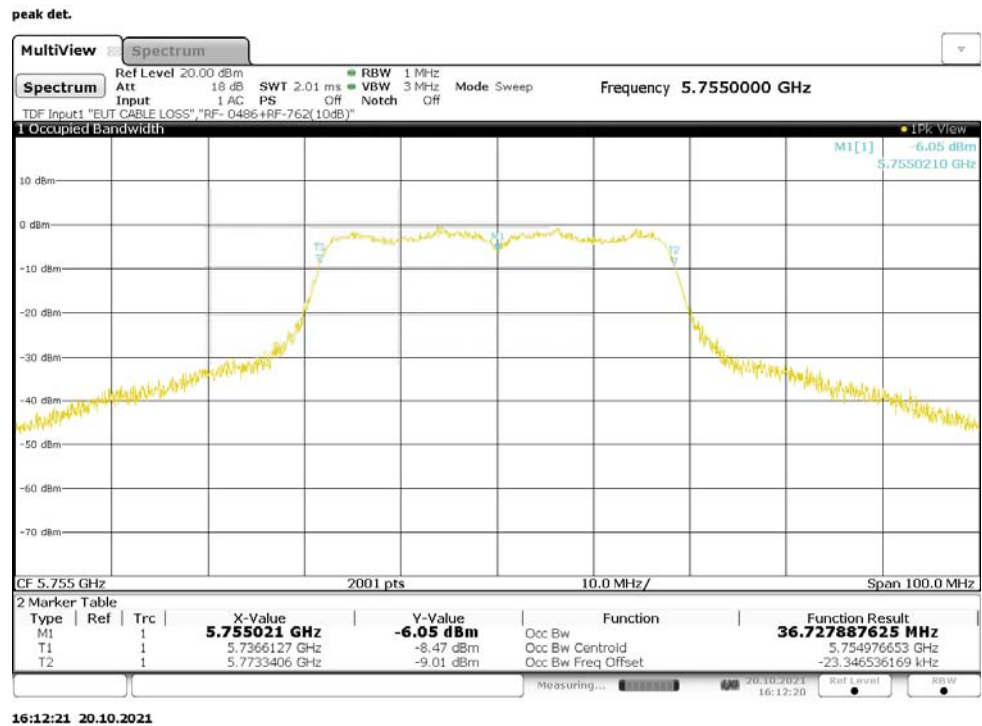
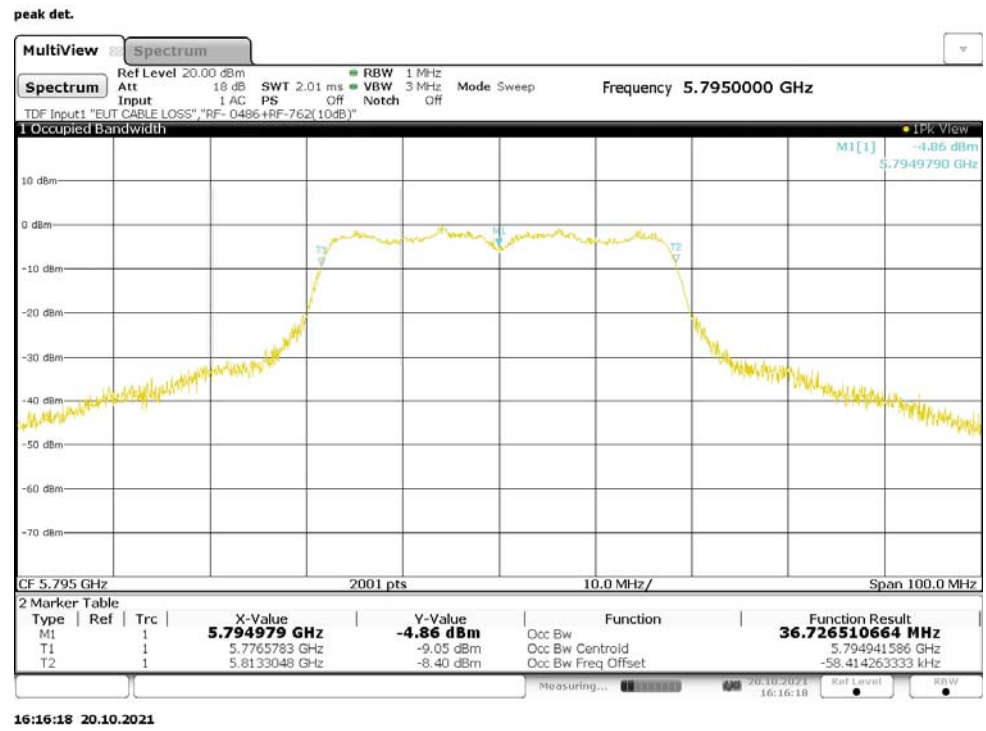


Figure 104: 99% Bandwidth, 802.11ac-40, SISO, RF0, 5795MHz



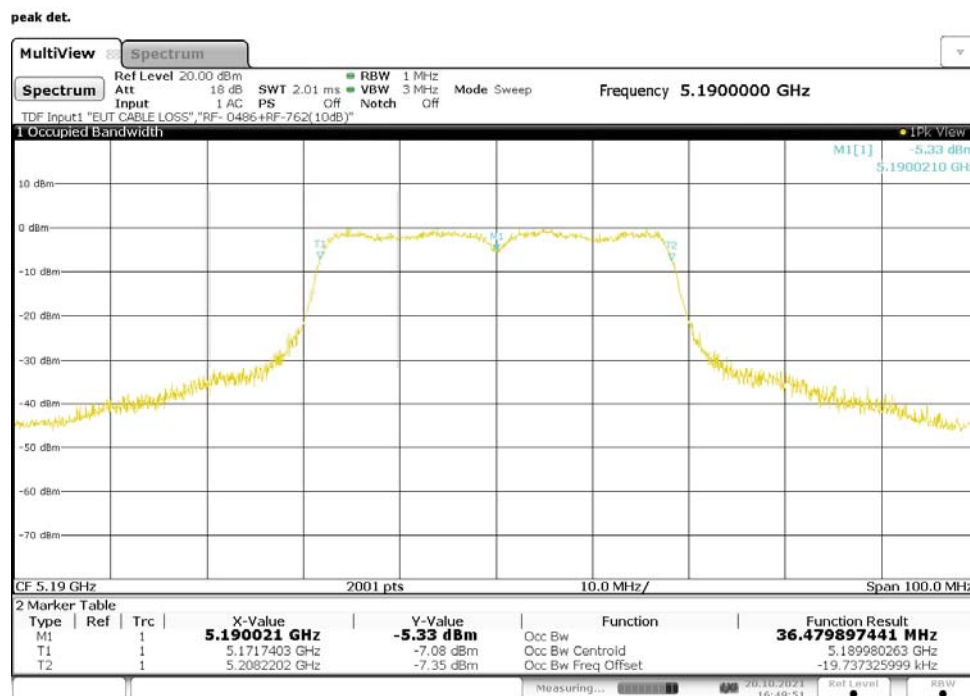
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Table 97: 99% Bandwidth, 802.11ac-40, CDD, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5190	36.480
5230	36.500
5755	36.485
5795	36.488

Figure 105: 99% Bandwidth, 802.11ac-40, CDD, RF0, 5190MHz



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Figure 106: 99% Bandwidth, 802.11ac-40, CDD, RF0, 5230MHz

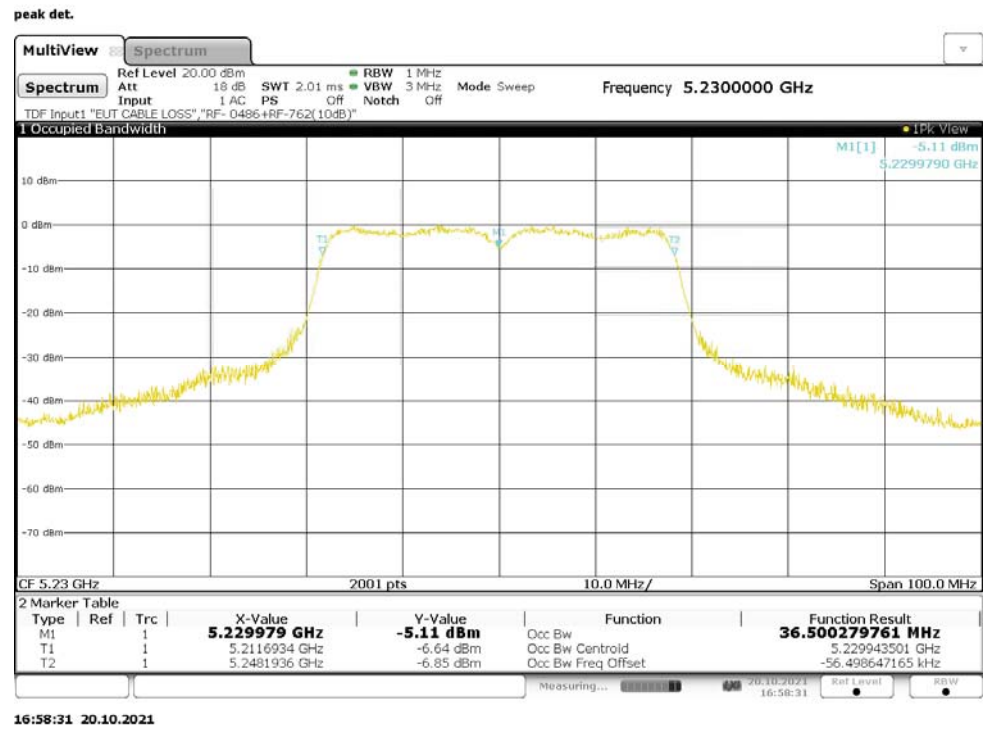
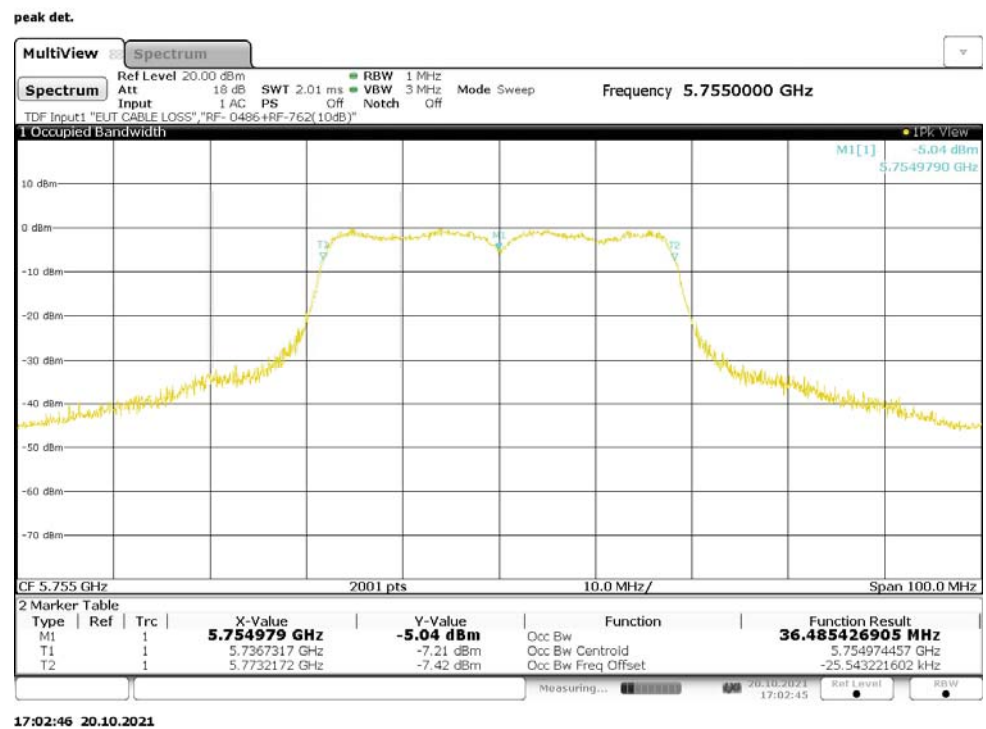


Figure 107: 99% Bandwidth, 802.11ac-40, CDD, RF0, 5755MHz



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Figure 108: 99% Bandwidth, 802.11ac-40, CDD, RF0, 5795MHz

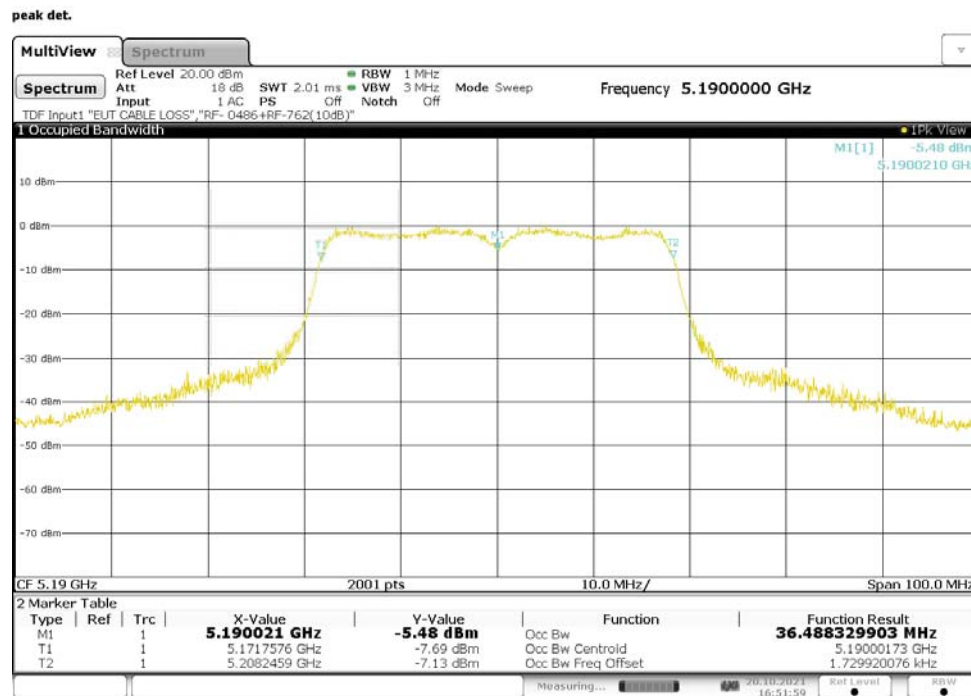


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Table 98: 99% Bandwidth, 802.11ac-40, MIMO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5190	36.488
5230	36.510
5755	36.495
5795	36.487

Figure 109: 99% Bandwidth, 802.11ac-40, MIMO, RF0, 5190MHz



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Figure 110: 99% Bandwidth, 802.11ac-40, MIMO, RF0, 5230MHz

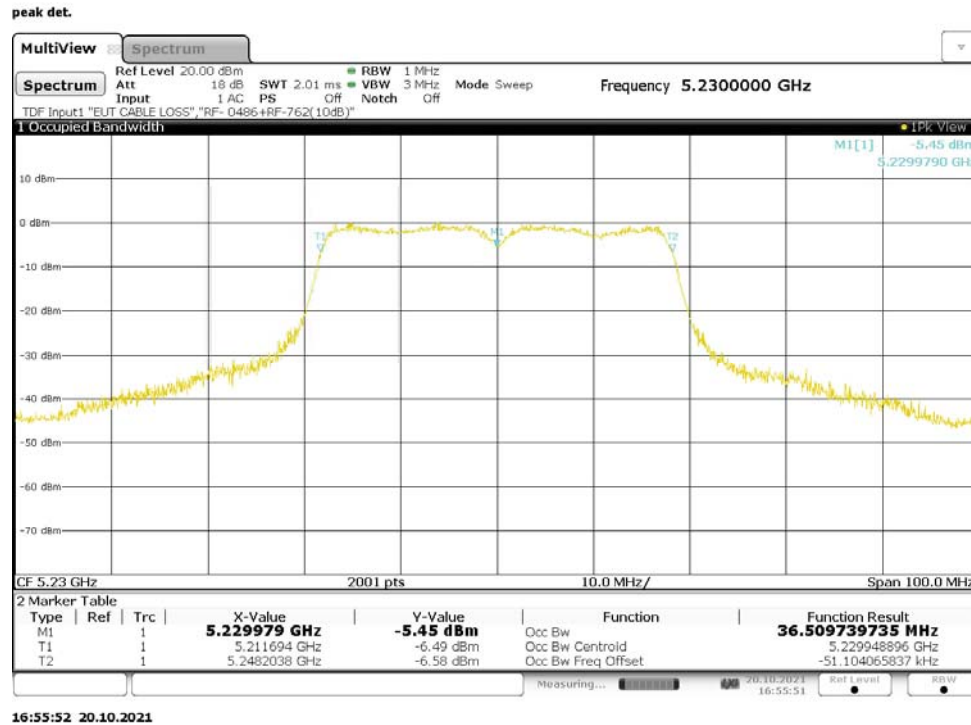
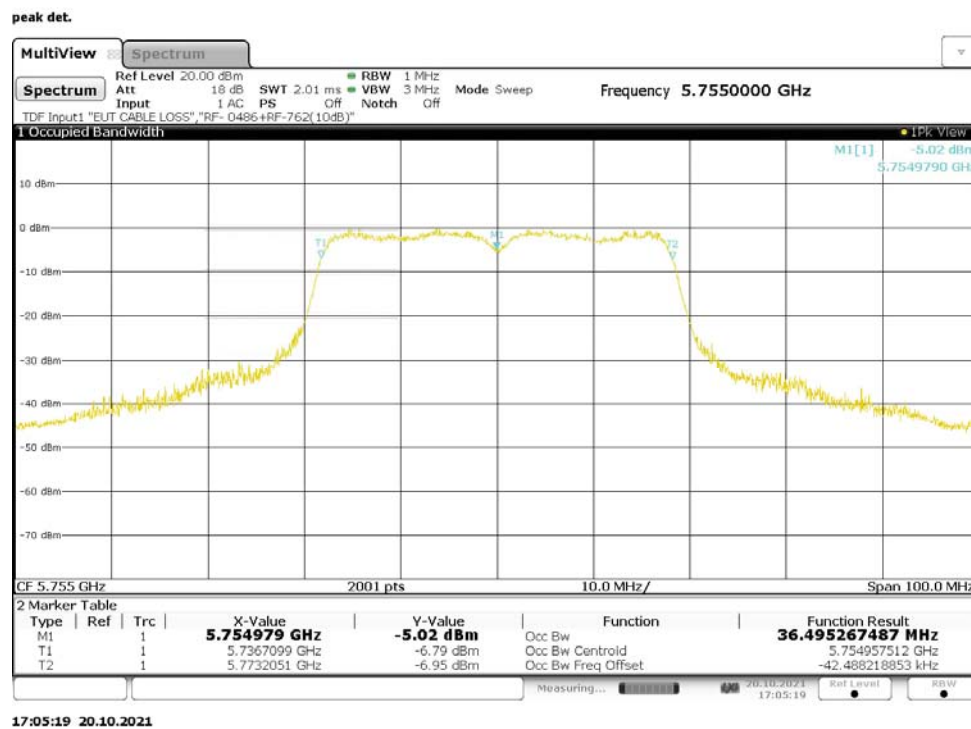


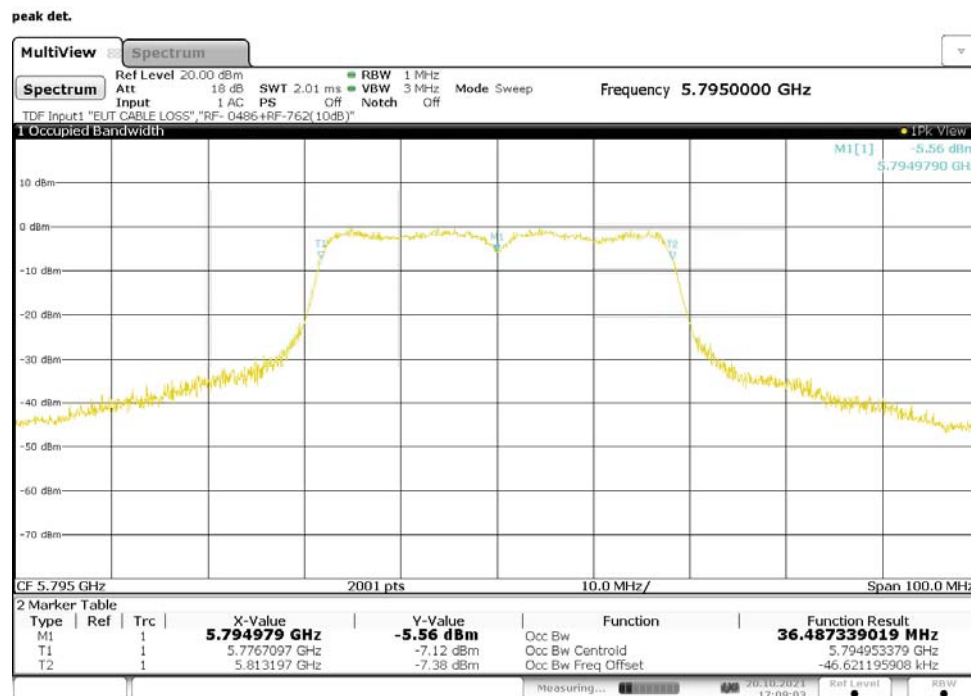
Figure 111: 99% Bandwidth, 802.11ac-40, MIMO, RF0, 5755MHz



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Figure 112: 99% Bandwidth, 802.11ac-40, MIMO, RF0, 5795MHz



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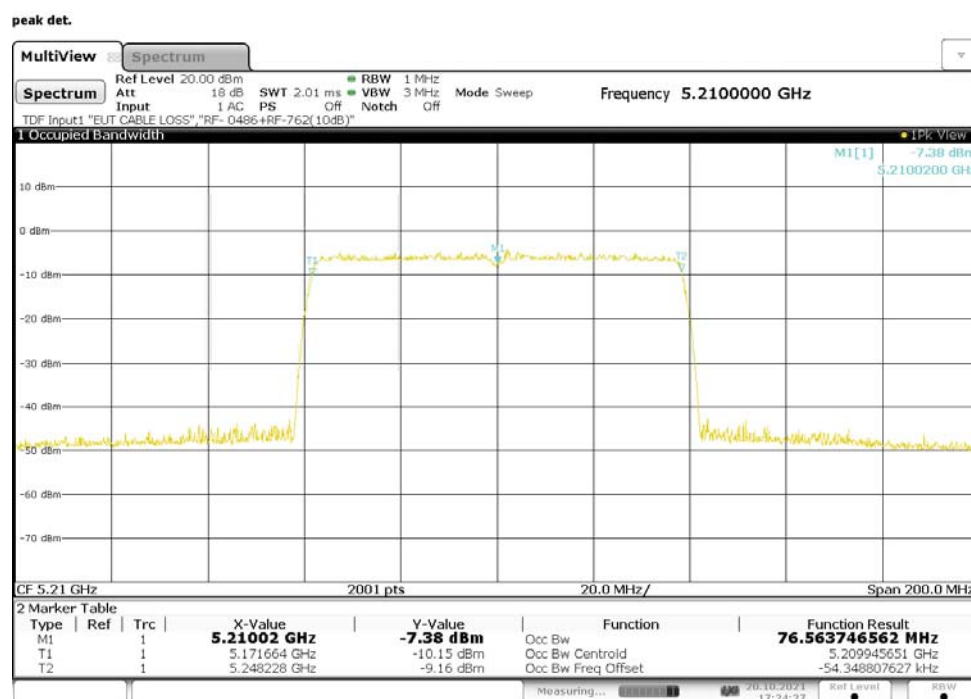
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Table 99: 99% Bandwidth, 802.11ac-80, SISO, RF0

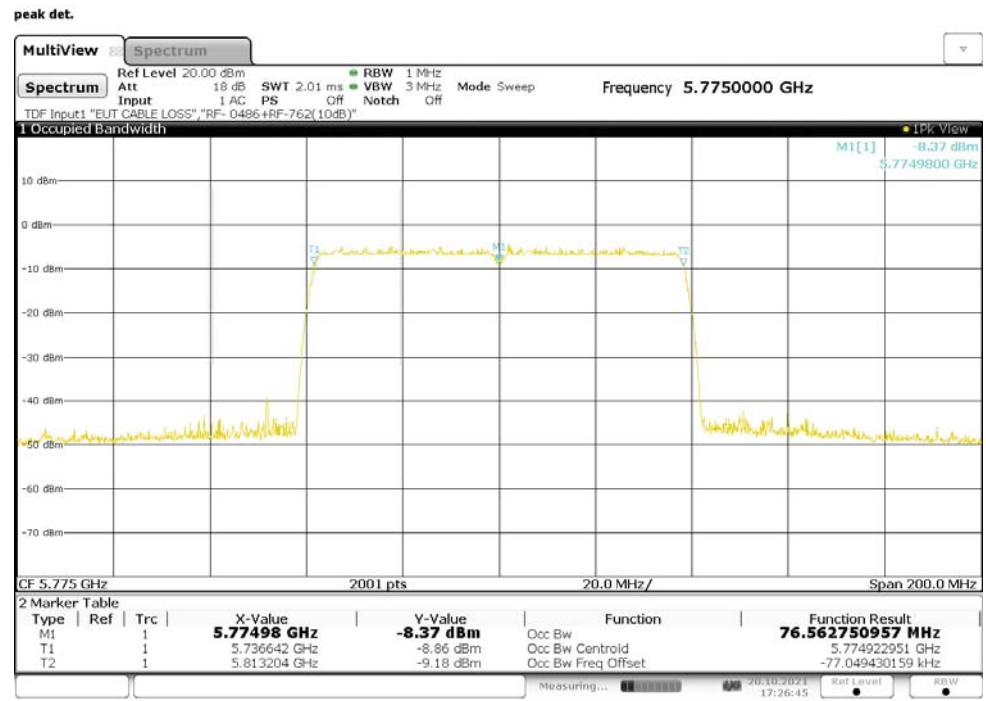
Operating Frequency [MHz]	99% Bandwidth [MHz]	Remarks
5210	76.564	Widest, 76M6D1D
5775	76.563	Widest, 76M6D1D

Figure 113: 99% Bandwidth, 802.11ac-80, SISO, RF0, 5210MHz



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Figure 114: 99% Bandwidth, 802.11ac-80, SISO, RF0, 5775MHz



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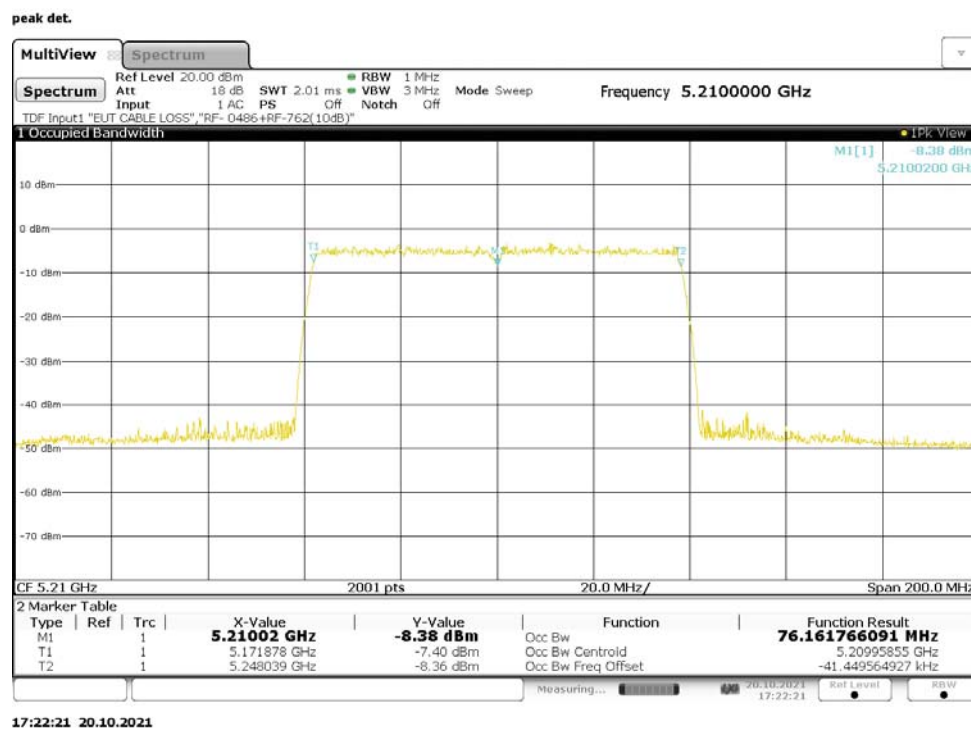
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Table 100: 99% Bandwidth, 802.11ac-80, CDD, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5210	76.162
5775	76.199

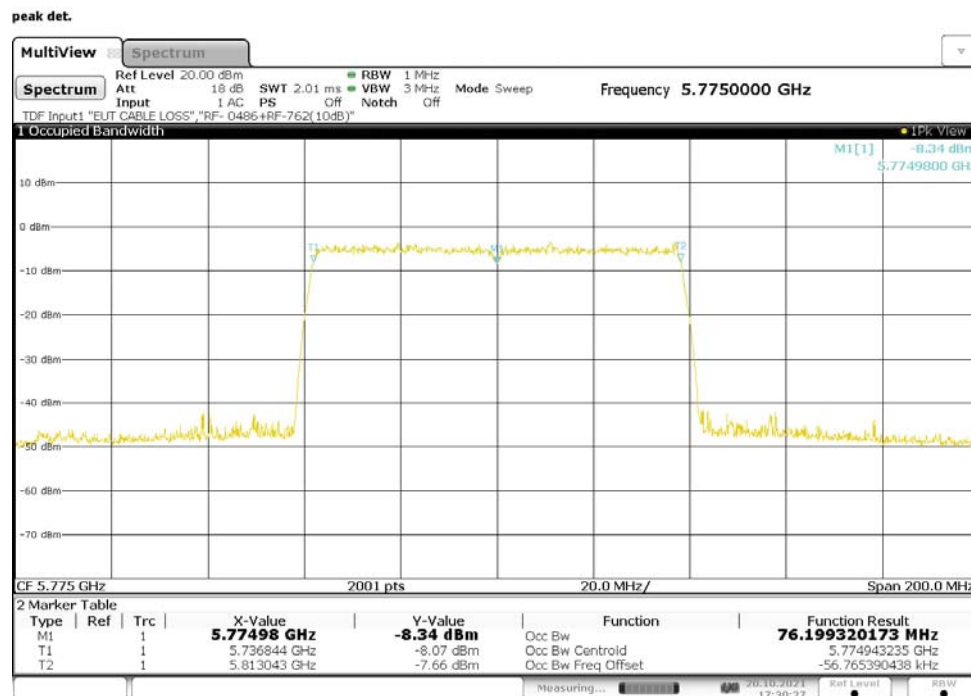
Figure 115: 99% Bandwidth, 802.11ac-80, CDD, RF0, 5210MHz



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Figure 116: 99% Bandwidth, 802.11ac-80, CDD, RF0, 5775MHz



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Table 101: 99% Bandwidth, 802.11ac-80, MIMO, RF0

Operating Frequency [MHz]	99% Bandwidth [MHz]
5210	76.188
5775	76.214

Figure 117: 99% Bandwidth, 802.11ac-80, MIMO, RF0, 5210MHz

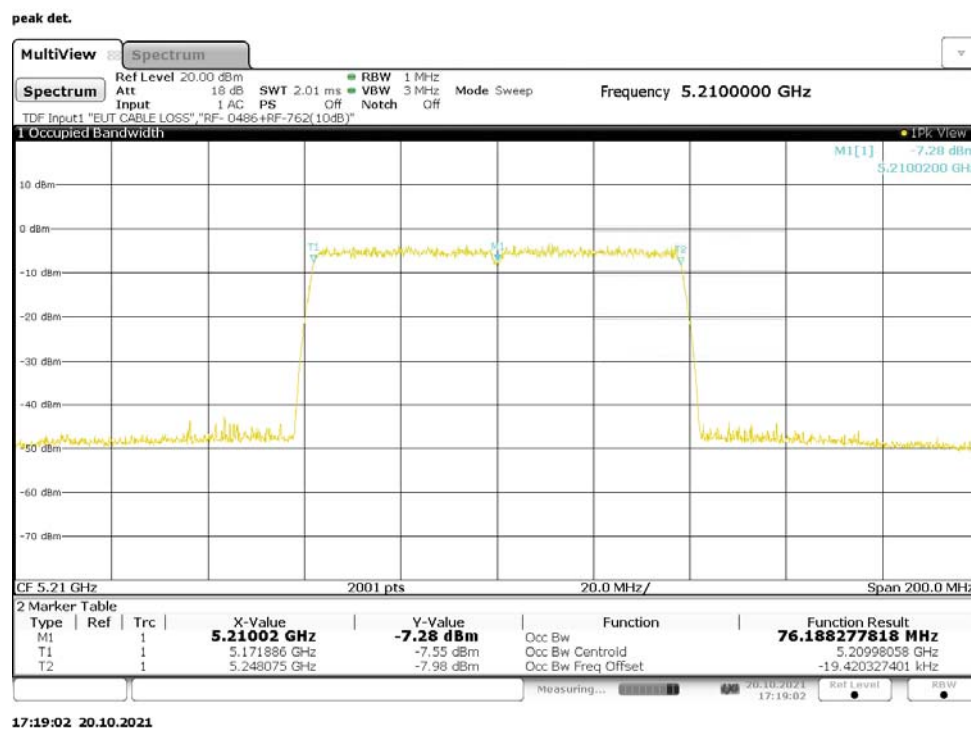
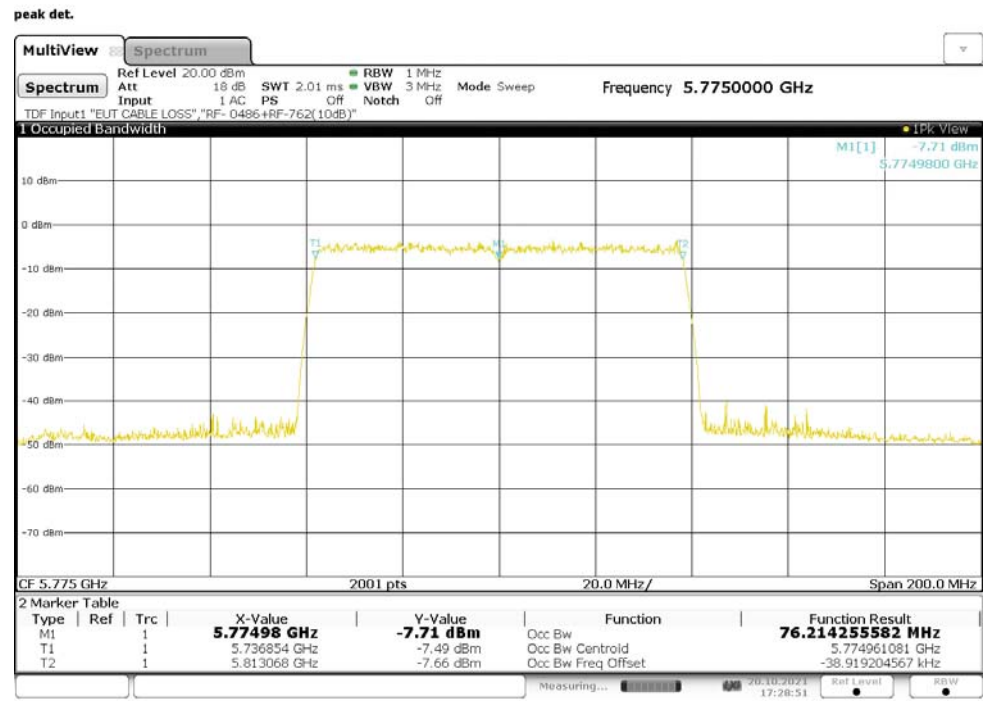


Figure 118: 99% Bandwidth, 802.11ac-80, MIMO, RF0, 5775MHz



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5.2.5 Maximum Power Spectral Density

RESULT:

PASS

Date of testing: 2021-10-19, 2021-10-20

Ambient temperature: 22, 22°C
Relative humidity: 51, 53%
Atmospheric pressure: 1007, 1003hPa

Requirements:

FCC 15.407 (a)(1)-(3) and RSS-247 §6.2.1.1, 6.2.4.1

For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test procedure:

ANSI C63.10:2013 §12.5, KDB 789033 D02 § II. F.

The maximum power spectral density was measured at the antenna port with a spectrum analyzer using an RMS detector.

The readings of the measurements take into account the loss generated by all the involved cables.

OET 13TR1003 (KDB 662911) was applied for CDD.

Table 102: Maximum Power Spectral Density, 802.11a, SISO, RF0

Freq. [MHz]	Cond. PSD [dBm]	Cond. PSD Limit [dBm]	Cond. PSD Margin [dB]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm]	PSD e.i.r.p. Limit [dBm]	PSD e.i.r.p. Margin [dB]
5180	-7.54	11	18.54	2.14	-5.40	17	22.40
5220	-8.20	11	19.20	2.14	-6.06	17	23.06
5240	-7.81	11	18.81	2.14	-5.67	17	22.67
5745	-7.65	30	37.65	1.00	-6.65	36	42.65
5785	-7.54	30	37.54	1.00	-6.54	36	42.54
5825	-8.22	30	38.22	1.00	-7.22	36	43.22

Note:

Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.

PSD e.i.r.p. [dBm/MHz] = Cond. PSD [dBm/MHz] + Antenna Gain [dBi]

For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

Table 103: Maximum Power Spectral Density, 802.11a, SISO, RF1

Freq. [MHz]	Cond. PSD [dBm]	Cond. PSD Limit [dBm]	Cond. PSD Margin [dB]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm]	PSD e.i.r.p. Limit [dBm]	PSD e.i.r.p. Margin [dB]
5180	-6.83	11	17.83	2.43	-4.40	17	21.40
5220	-6.64	11	17.64	2.43	-4.21	17	21.21
5240	-6.53	11	17.53	2.43	-4.10	17	21.10
5745	-7.56	30	37.56	2.59	-4.97	36	40.97
5785	-7.26	30	37.26	2.59	-4.67	36	40.67
5825	-8.14	30	38.14	2.59	-5.55	36	41.55

Note:

Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.

PSD e.i.r.p. [dBm/MHz] = Cond. PSD [dBm/MHz] + Antenna Gain [dBi]

For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

Figure 119: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5180MHz



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Figure 120: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5220MHz



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Figure 121: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5240MHz

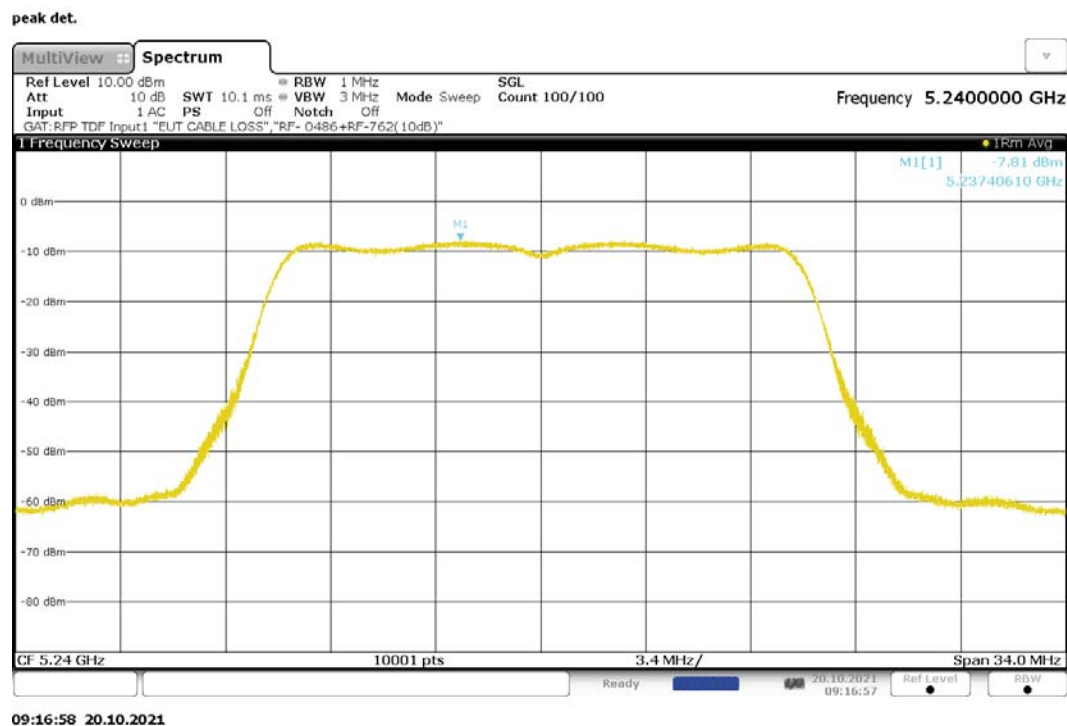
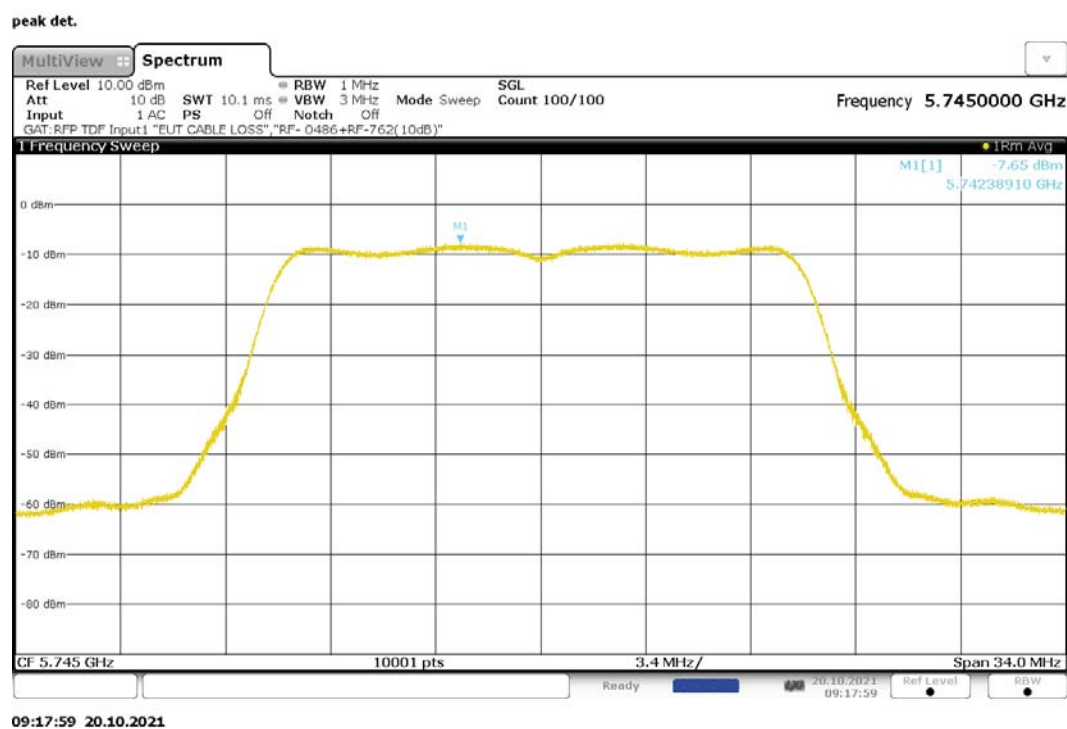


Figure 122: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5745MHz



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Figure 123: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5785MHz

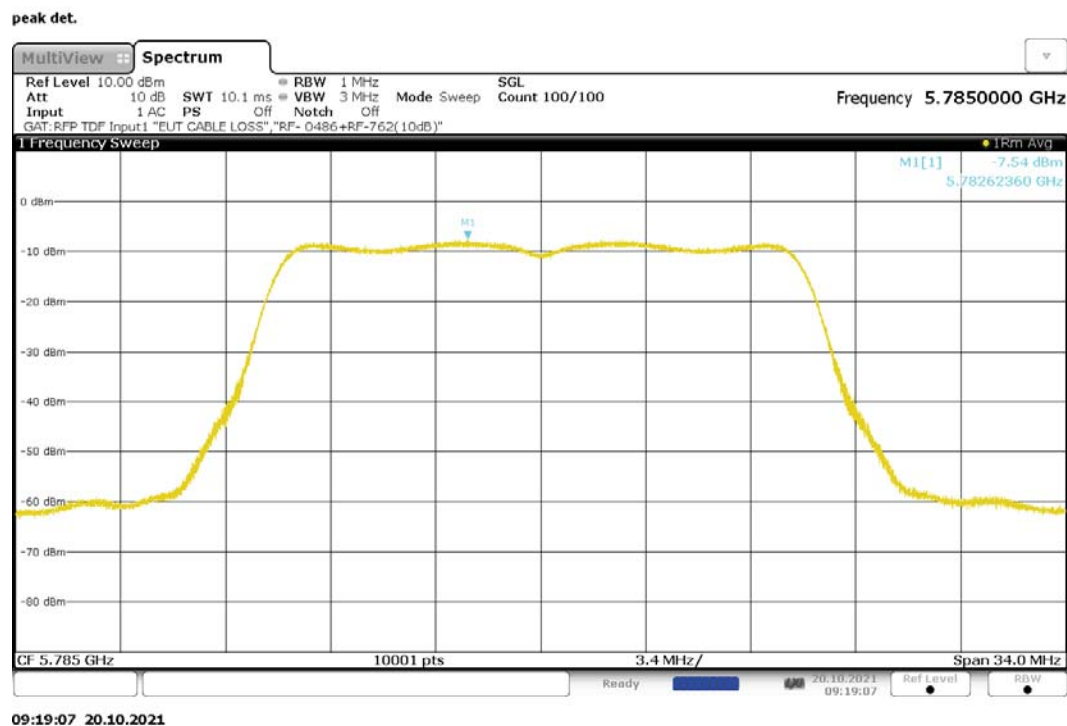
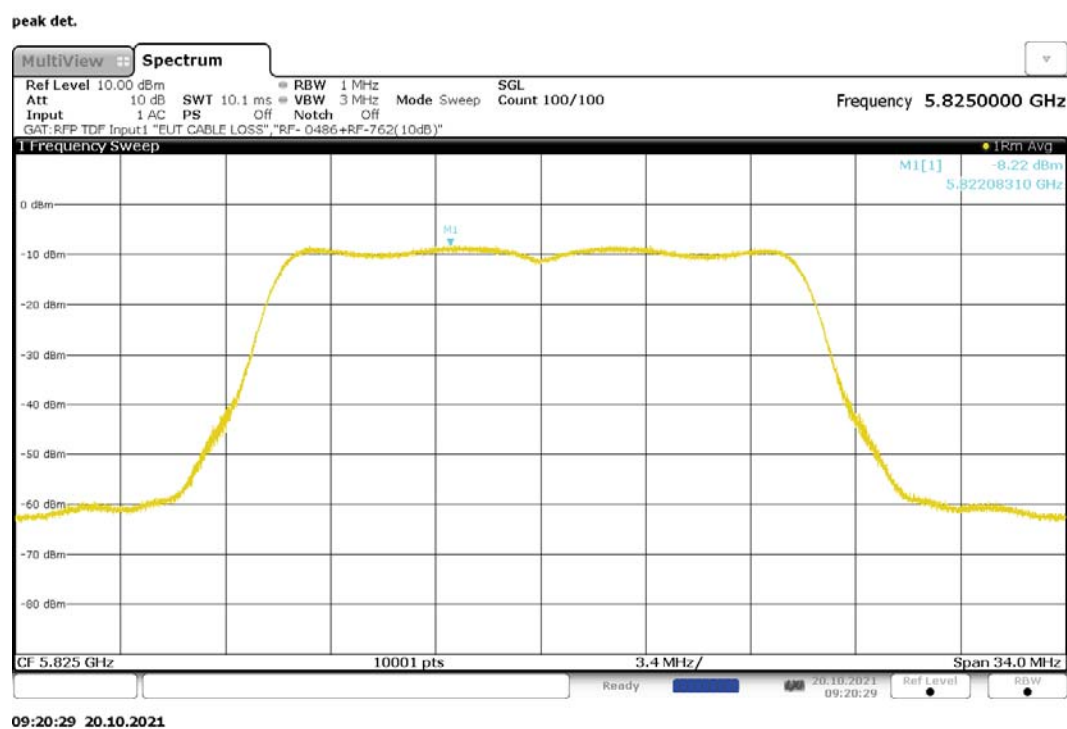


Figure 124: Maximum Power Spectral Density, 802.11a, SISO, RF0, 5825MHz



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Figure 125: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5180MHz



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Figure 126: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5220MHz



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Figure 127: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5240MHz



08:15:40 20.10.2021

Figure 128: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5745MHz



08:17:24 20.10.2021

Figure 129: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5785MHz



Figure 130: Maximum Power Spectral Density, 802.11a, SISO, RF1, 5825MHz

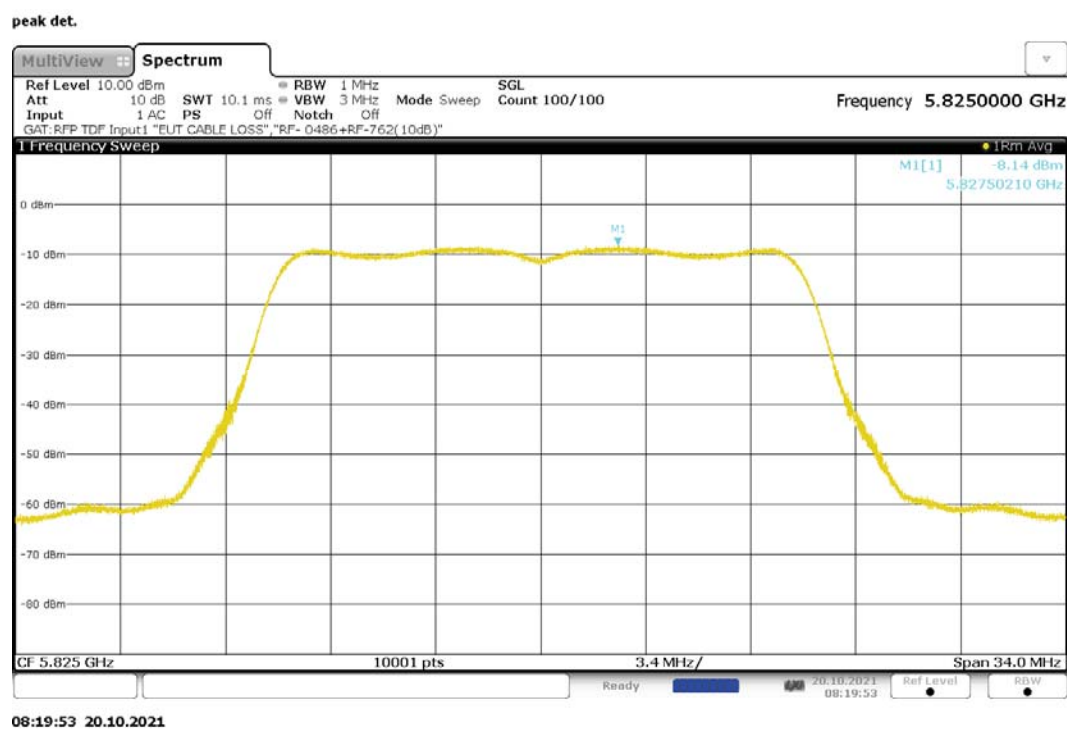


Table 104: Maximum Power Spectral Density, 802.11a, CDD, RF0+RF1

Freq. [MHz]	Sum Cond. PSD [dBm/MHz]	Cond. PSD Limit [dBm/MHz]	Cond. PSD Margin [dB]	Sum PSD e.i.r.p. [dBm/MHz]	PSD e.i.r.p. Limit [dBm/MHz]	PSD e.i.r.p. Margin [dB]
5180	-3.96	11	14.96	1.48	17	15.52
5220	-3.97	11	14.97	1.47	17	15.53
5240	-4.00	11	15.00	1.44	17	15.56
5745	-4.41	30	34.41	1.19	36	34.81
5785	-4.52	30	34.52	1.08	36	34.92
5825	-5.04	30	35.04	0.56	36	35.44

Table 105: Individual - Maximum Power Spectral Density, 802.11a, CDD, RF0

Freq. [MHz]	Cond. PSD [dBm/MHz]	Directional Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-7.56	5.44	-2.12
5220	-7.25	5.44	-1.81
5240	-7.47	5.44	-2.03
5745	-7.61	5.60	-2.01
5785	-7.63	5.60	-2.03
5825	-8.11	5.60	-2.51

Table 106: Individual - Maximum Power Spectral Density, 802.11a, CDD, RF1

Freq. [MHz]	Cond. PSD [dBm/MHz]	Directional Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-6.45	5.44	-1.01
5220	-6.72	5.44	-1.28
5240	-6.60	5.44	-1.16
5745	-7.23	5.60	-1.63
5785	-7.43	5.60	-1.83
5825	-7.99	5.60	-2.39

Note:

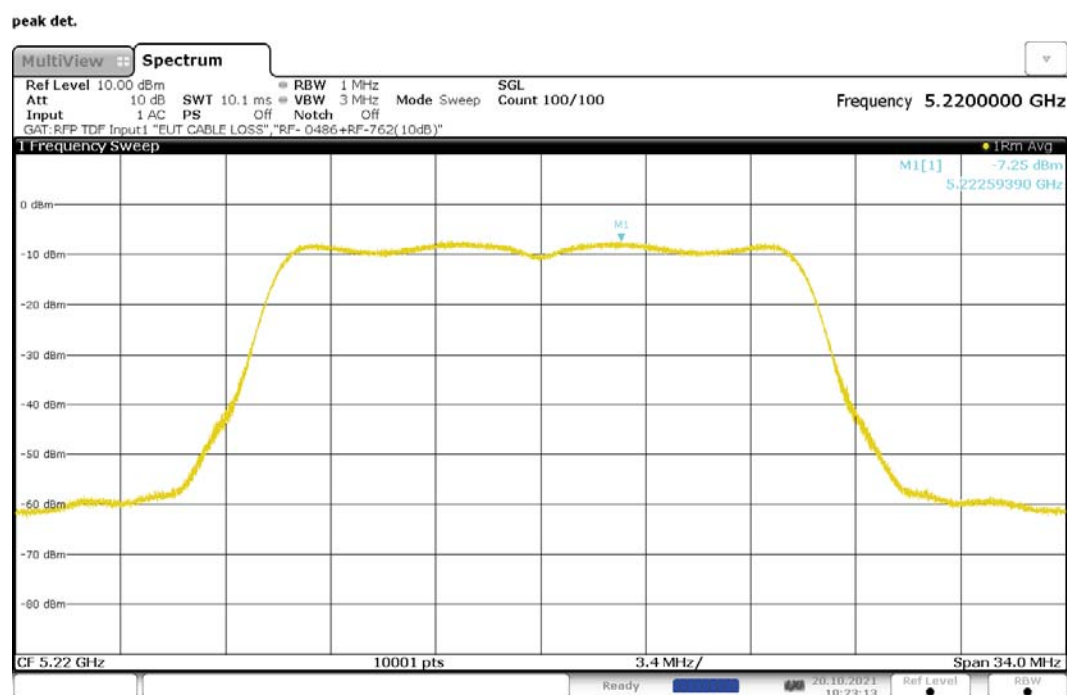
Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.
 $\text{PSD e.i.r.p. [dBm/MHz]} = \text{Cond. PSD [dBm/MHz]} + \text{Directional Gain [dBi]}$
 $\text{Directional Gain [dBi]} = \text{Individual Antenna Gain [dBi]} + \text{Array Gain [dB]}$
 $\text{Array Gain} = 10 \times \log_{10} (N_{\text{ANT}}/N_{\text{SS}}) \text{ [dB]}, \text{ here } N_{\text{ANT}} = 2, N_{\text{SS}} = 1$
 For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

Figure 131: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5180MHz



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Figure 132: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5220MHz



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Figure 133: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5240MHz

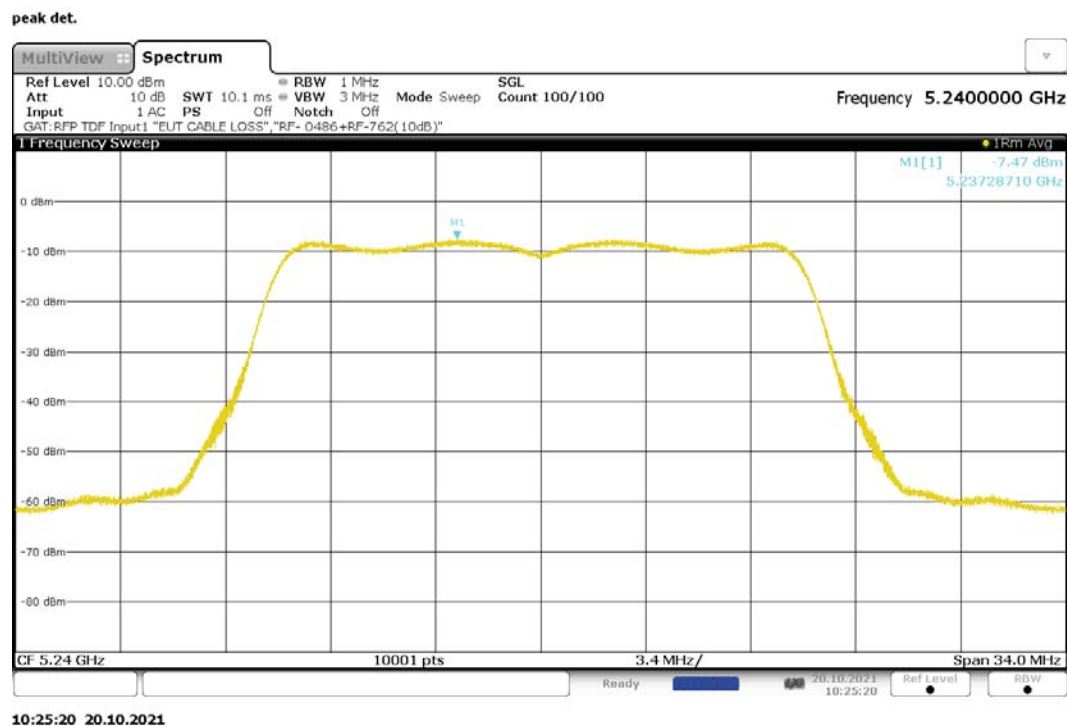
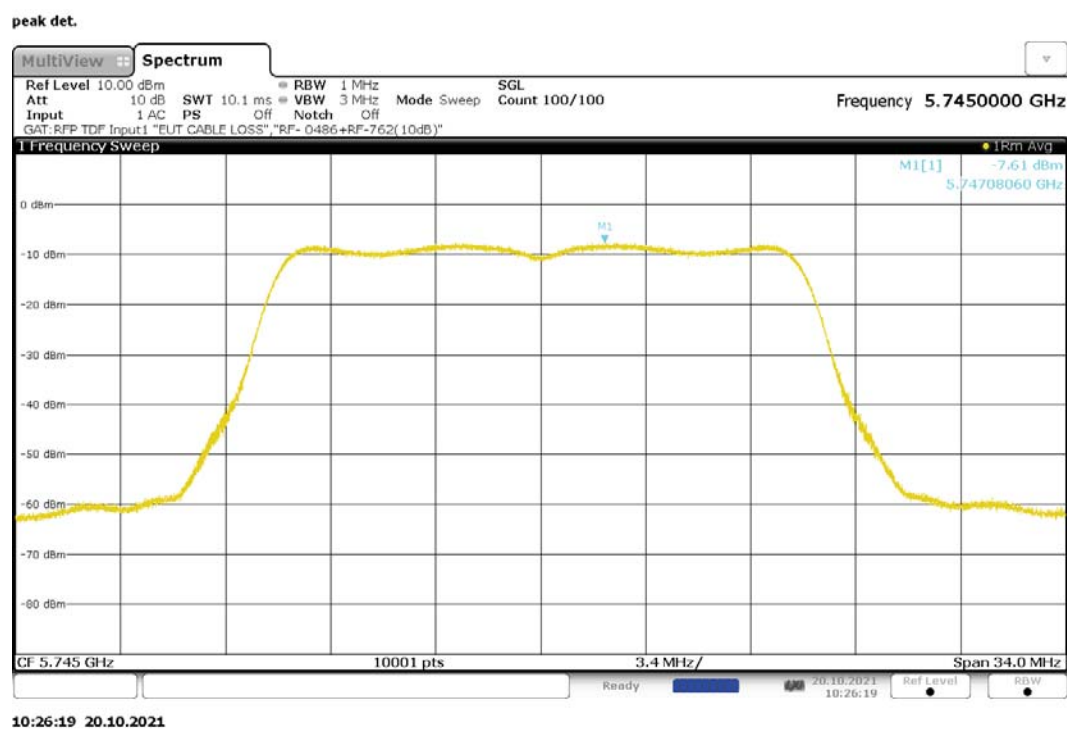


Figure 134: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5745MHz



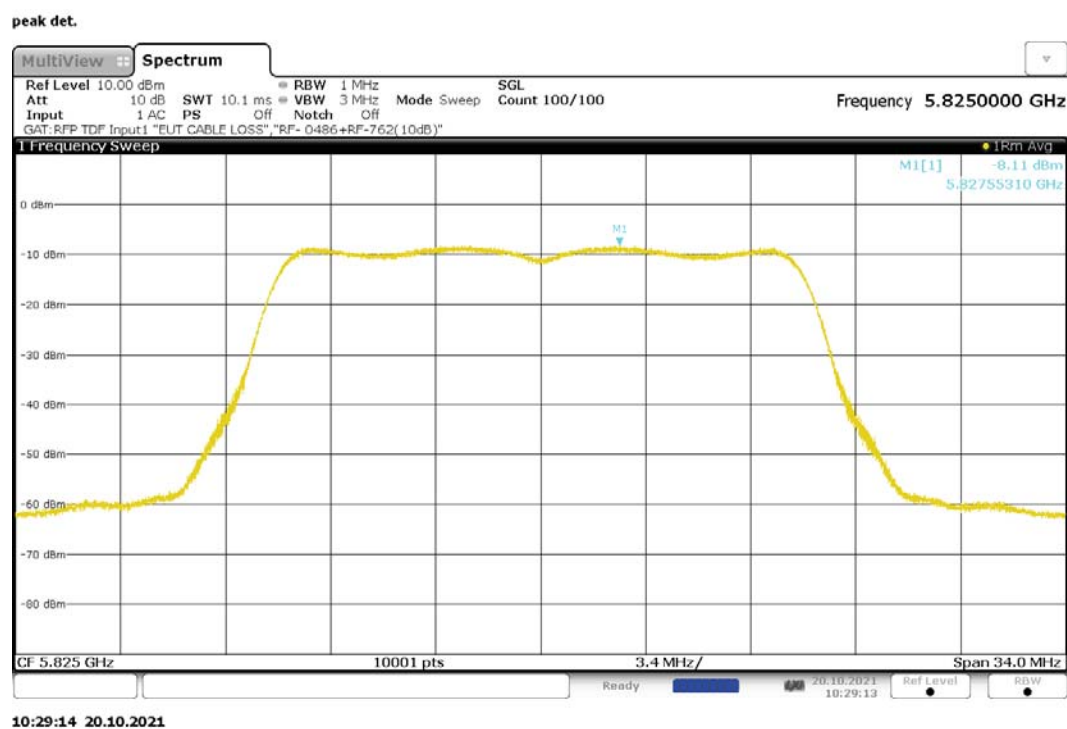
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Figure 135: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5785MHz



Figure 136: Maximum Power Spectral Density, 802.11a, CDD, RF0, 5825MHz



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Figure 137: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5180MHz

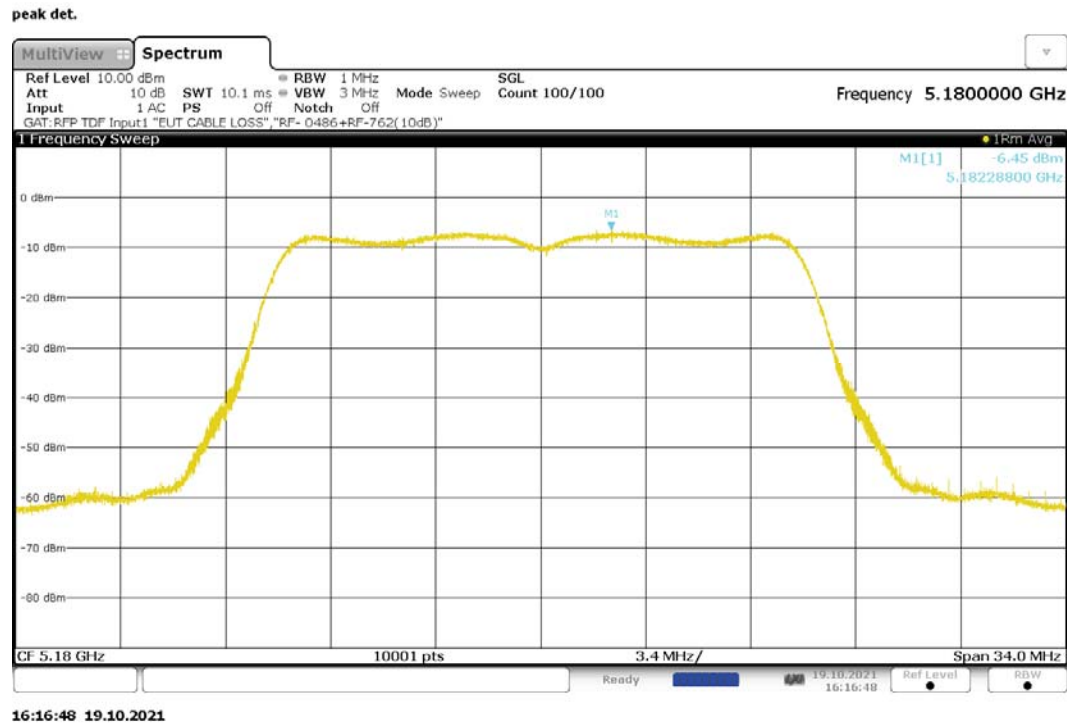
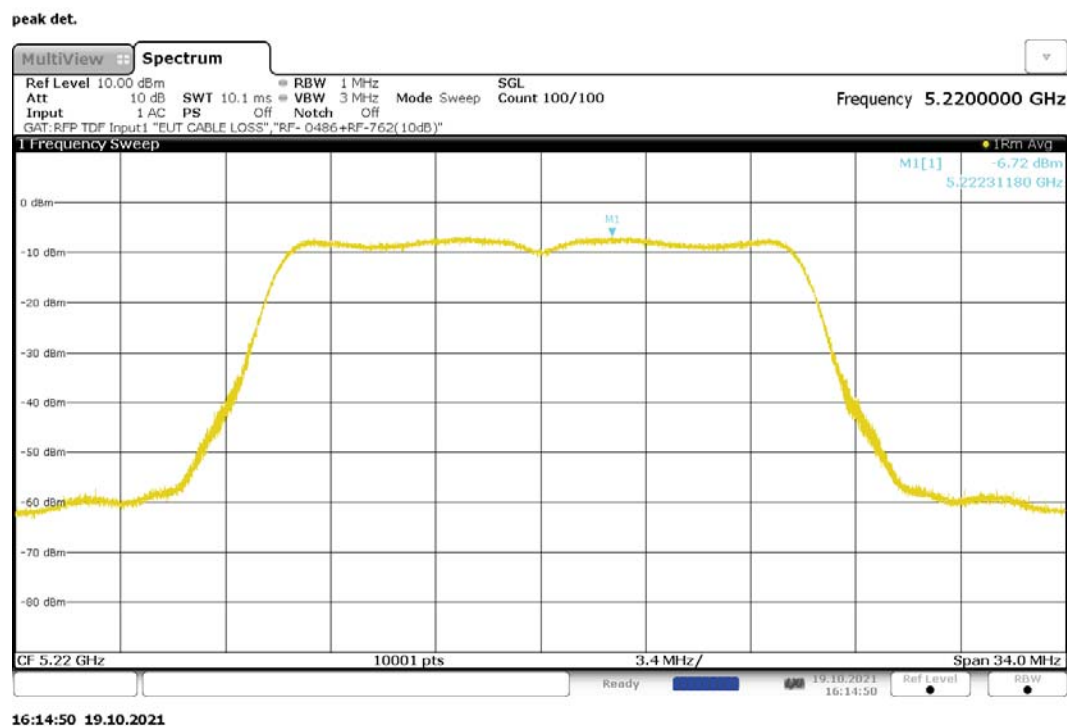


Figure 138: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5220MHz



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Figure 139: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5240MHz

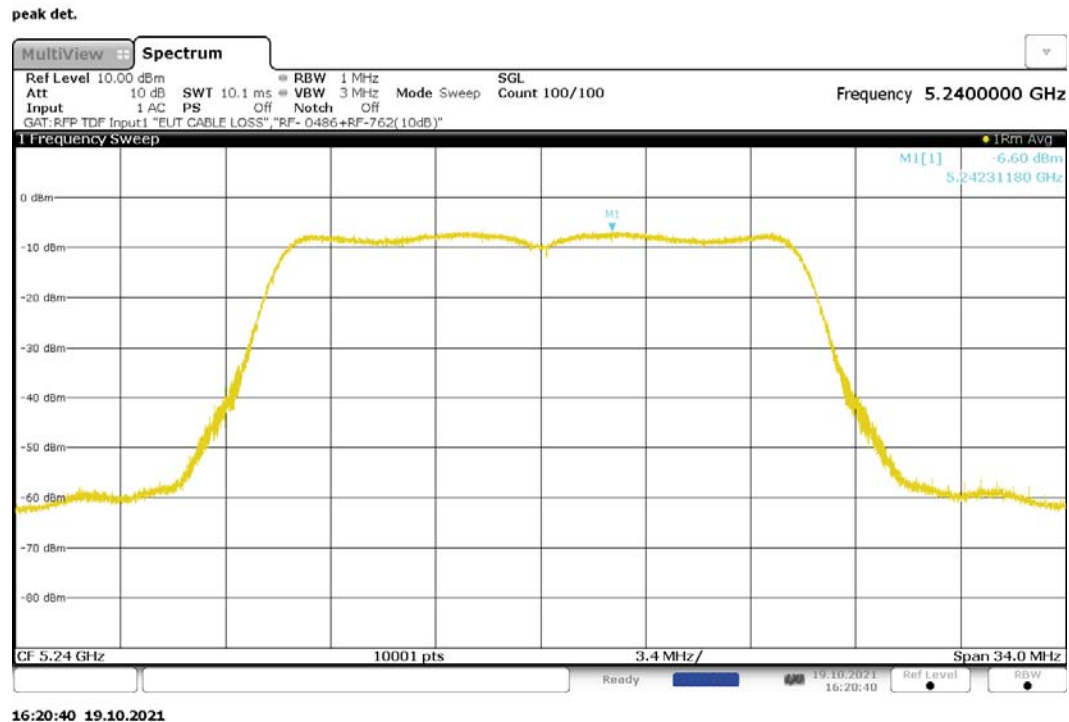
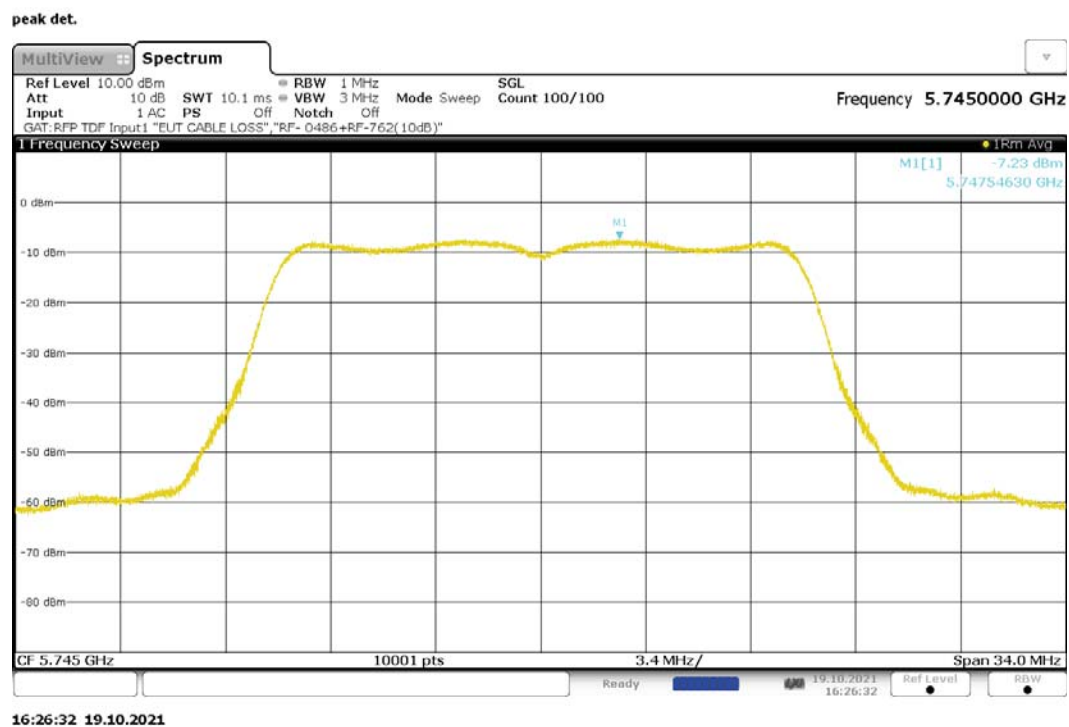


Figure 140: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5745MHz



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Figure 141: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5785MHz

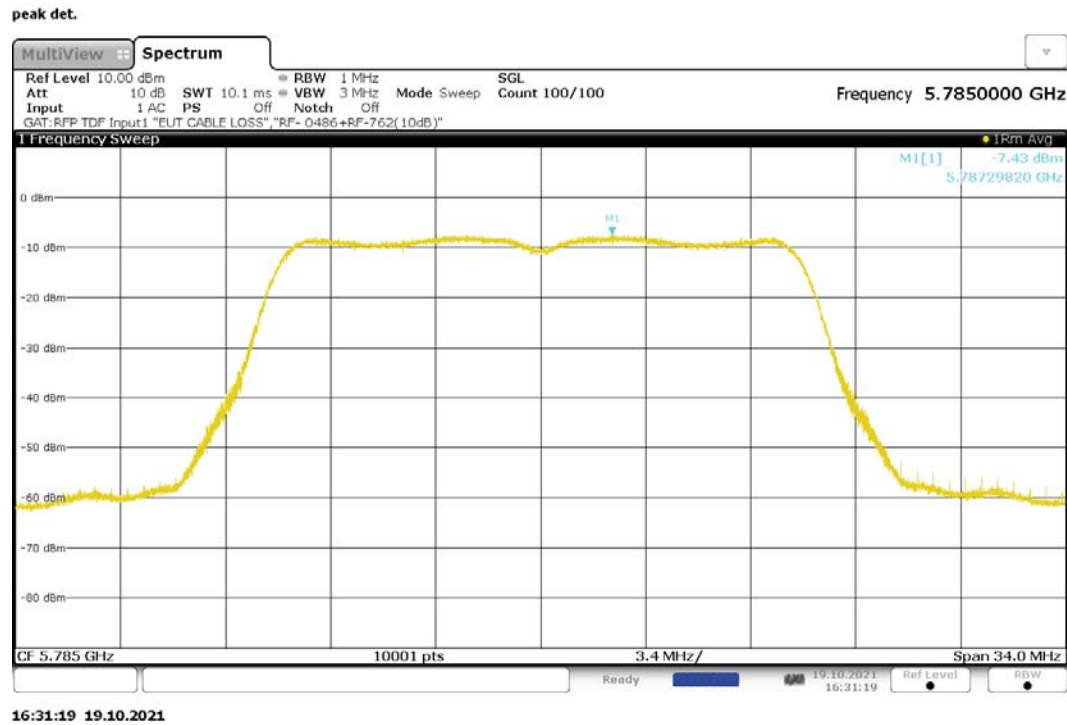


Figure 142: Maximum Power Spectral Density, 802.11a, CDD, RF1, 5825MHz

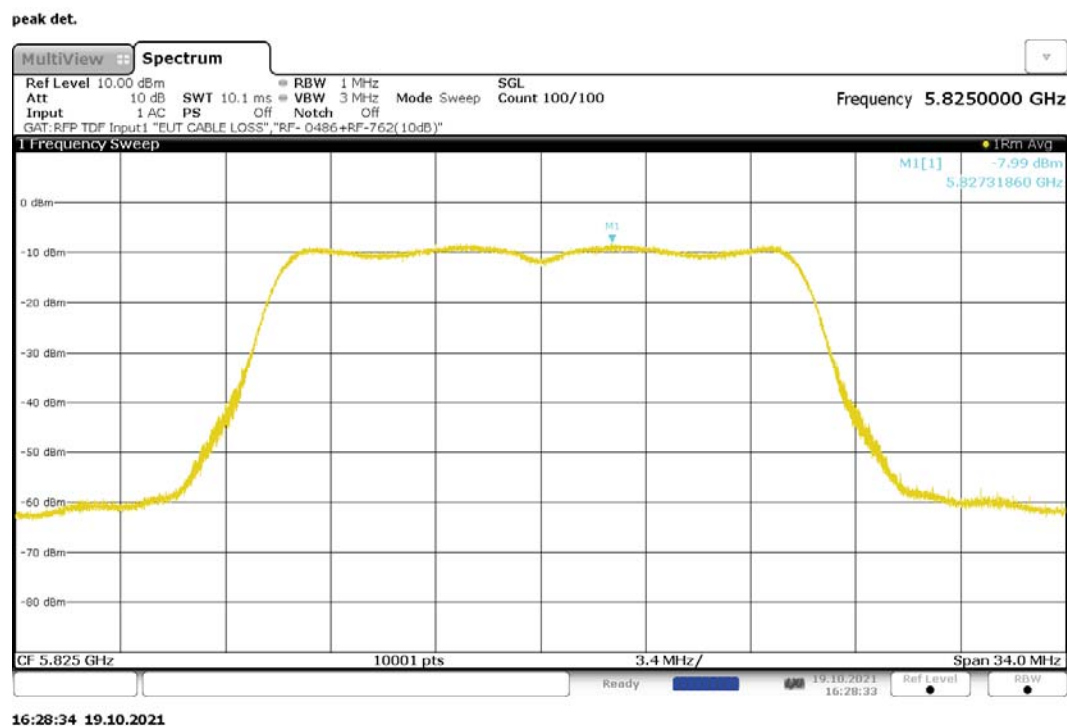


Table 107: Maximum Power Spectral Density, 802.11n-20, SISO, RF0

Freq. [MHz]	Cond. PSD [dBm]	Cond. PSD Limit [dBm]	Cond. PSD Margin [dB]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm]	PSD e.i.r.p. Limit [dBm]	PSD e.i.r.p. Margin [dB]
5180	-7.94	11	18.94	2.14	-5.80	17	22.80
5220	-7.64	11	18.64	2.14	-5.50	17	22.50
5240	-7.91	11	18.91	2.14	-5.77	17	22.77
5745	-8.10	30	38.10	1.00	-7.10	36	43.10
5785	-7.94	30	37.94	1.00	-6.94	36	42.94
5825	-8.29	30	38.29	1.00	-7.29	36	43.29

Note:

Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.
 $\text{PSD e.i.r.p. [dBm/MHz]} = \text{Cond. PSD [dBm/MHz]} + \text{Antenna Gain [dBi]}$
 For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

Table 108: Maximum Power Spectral Density, 802.11n-20, SISO, RF1

Freq. [MHz]	Cond. PSD [dBm]	Cond. PSD Limit [dBm]	Cond. PSD Margin [dB]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm]	PSD e.i.r.p. Limit [dBm]	PSD e.i.r.p. Margin [dB]
5180	-7.04	11	18.04	2.43	-4.61	17	21.61
5220	-7.02	11	18.02	2.43	-4.59	17	21.59
5240	-7.04	11	18.04	2.43	-4.61	17	21.61
5745	-7.44	30	37.44	2.59	-4.85	36	40.85
5785	-7.71	30	37.71	2.59	-5.12	36	41.12
5825	-8.52	30	38.52	2.59	-5.93	36	41.93

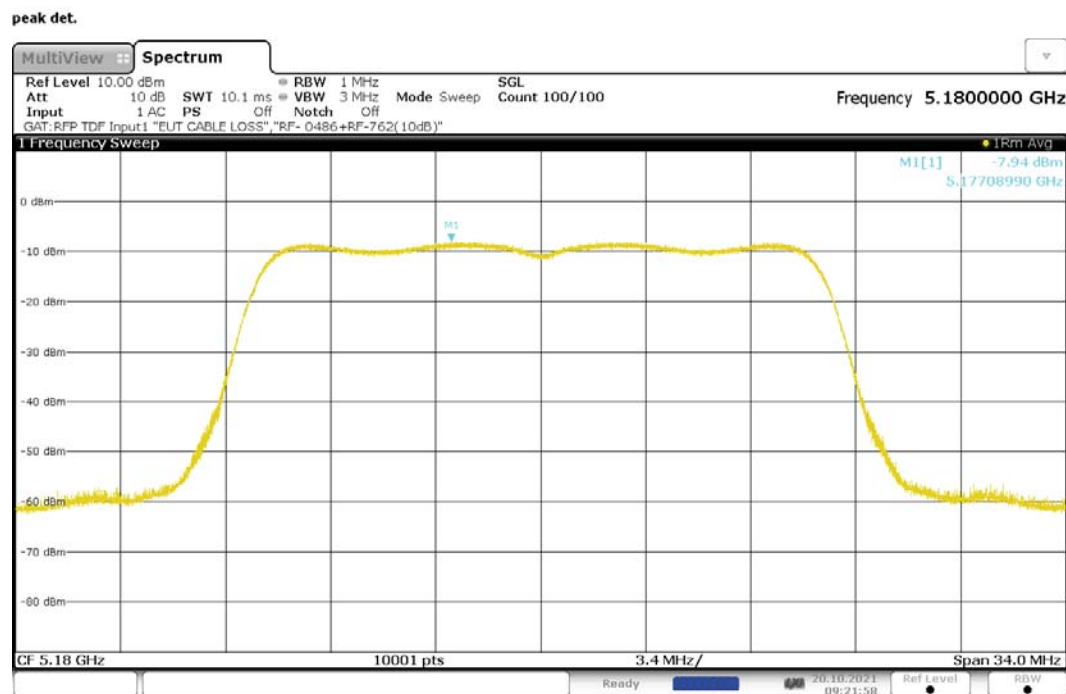
Note:

Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.
 $\text{PSD e.i.r.p. [dBm/MHz]} = \text{Cond. PSD [dBm/MHz]} + \text{Antenna Gain [dBi]}$
 For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

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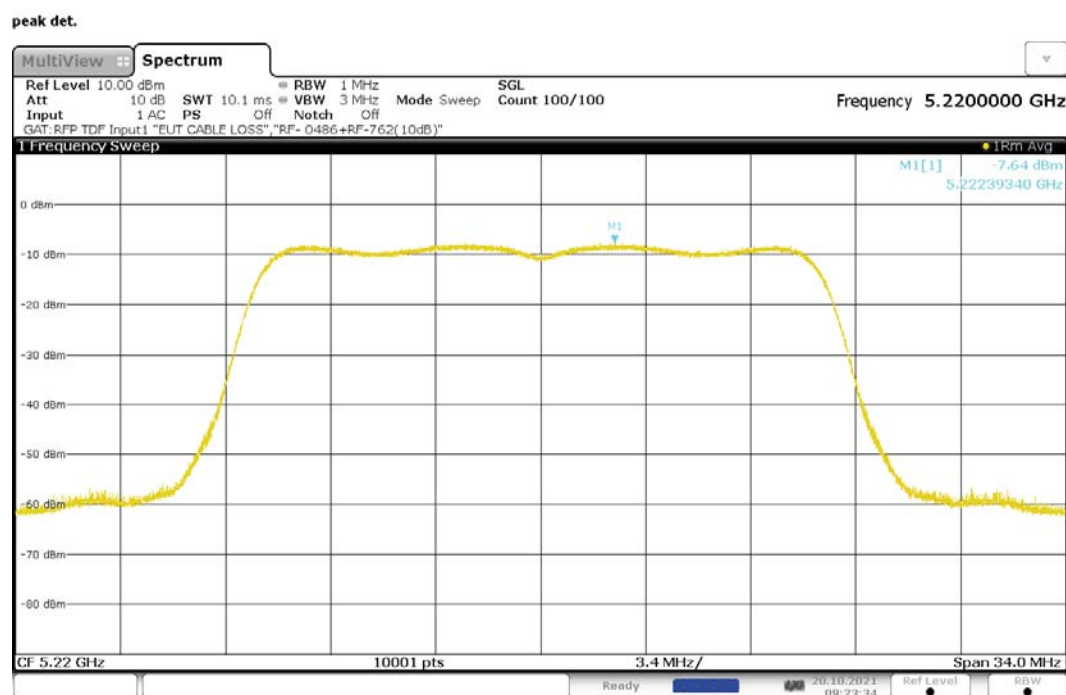
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Figure 143: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5180MHz



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Figure 144: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5220MHz



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Figure 145: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5240MHz

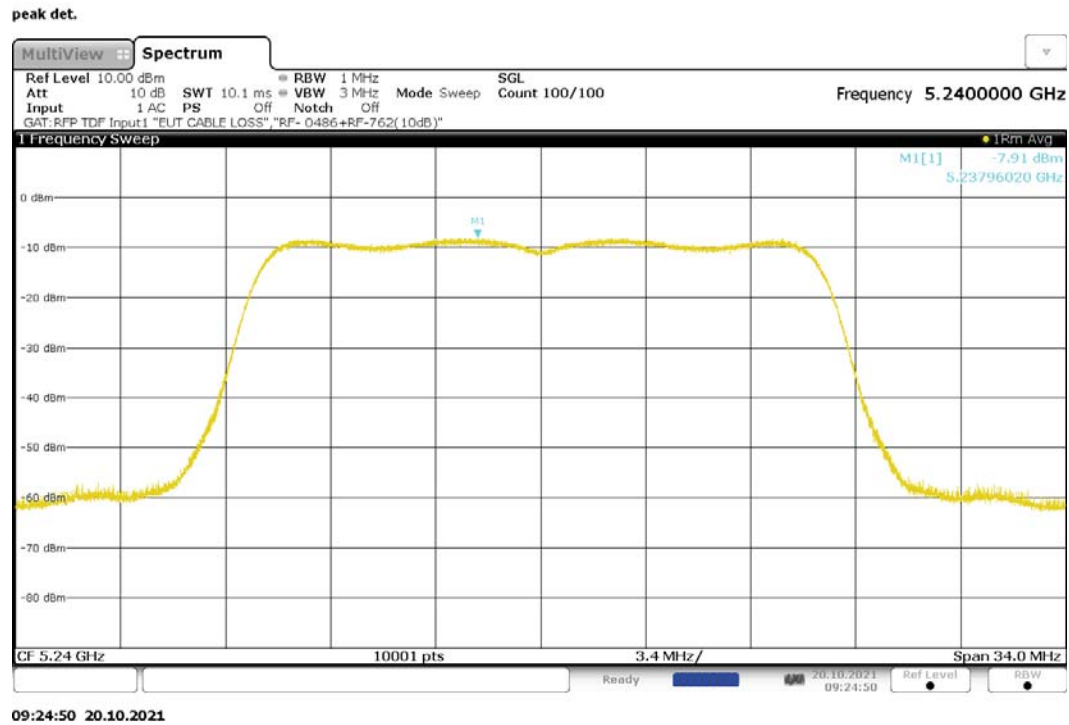
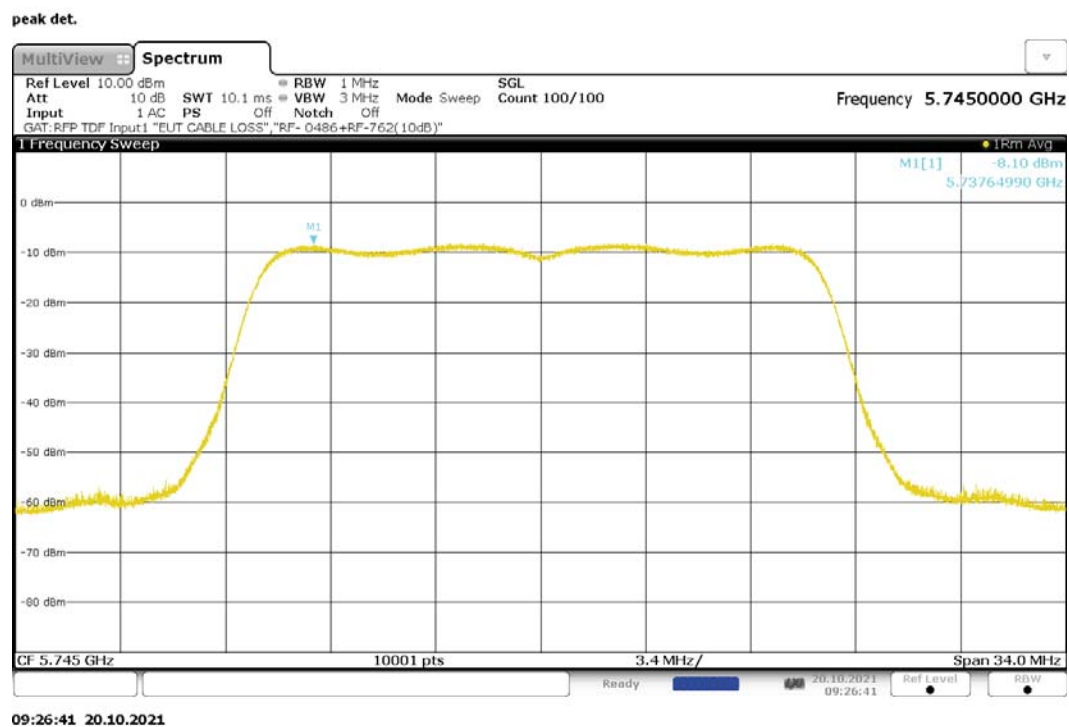


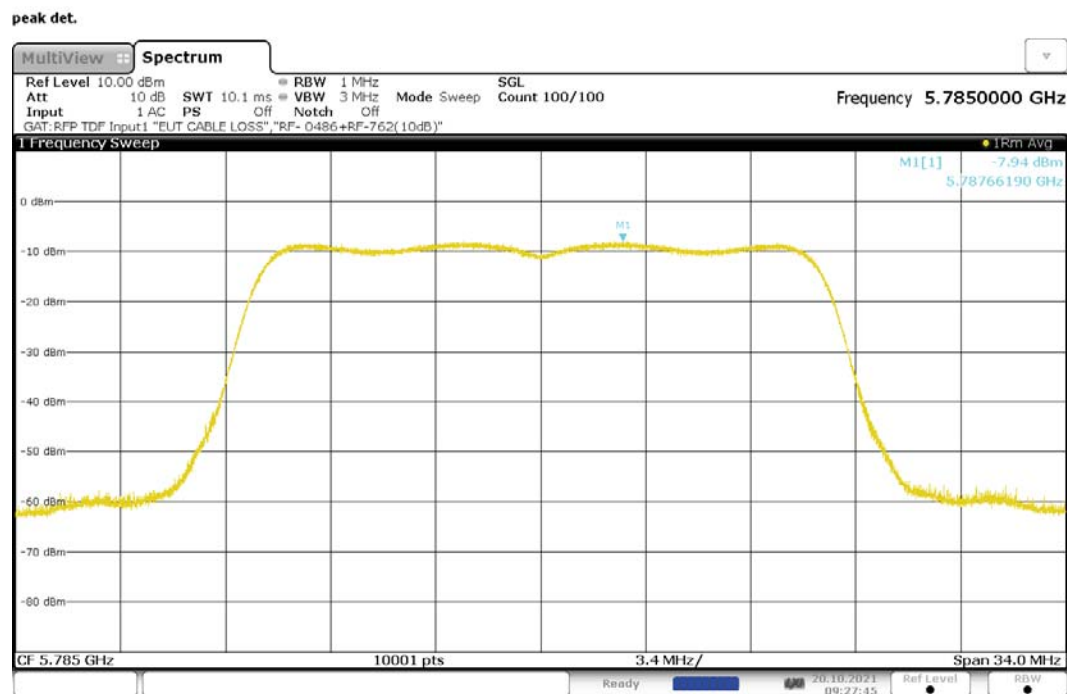
Figure 146: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5745MHz



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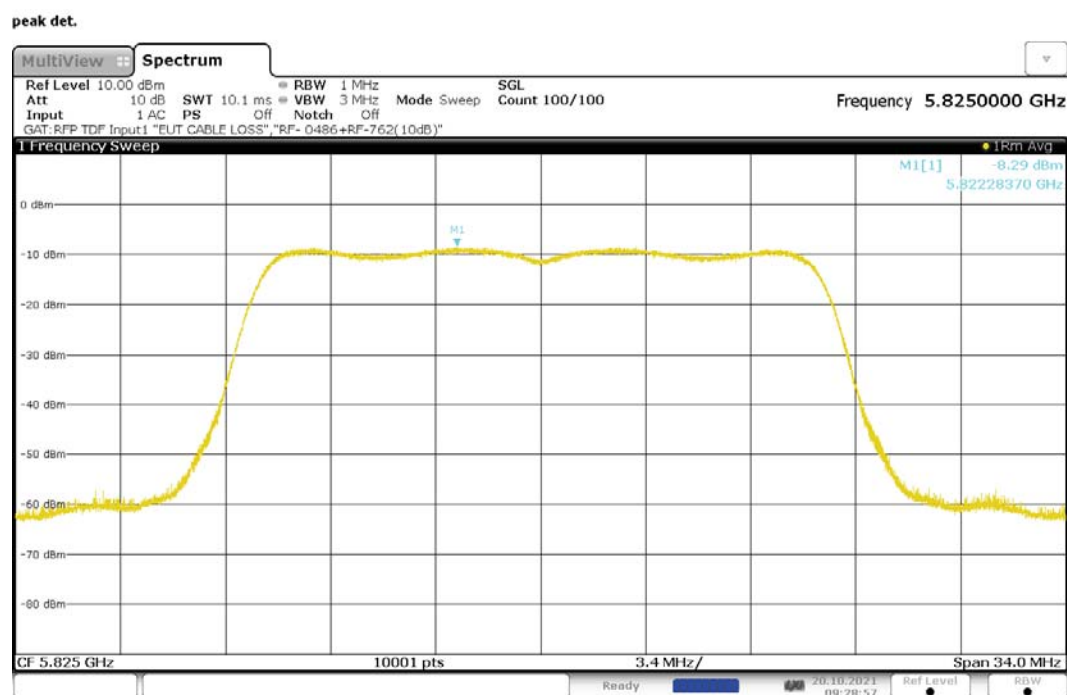
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Figure 147: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5785MHz



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Figure 148: Maximum Power Spectral Density, 802.11n-20, SISO, RF0, 5825MHz



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Figure 149: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5180MHz

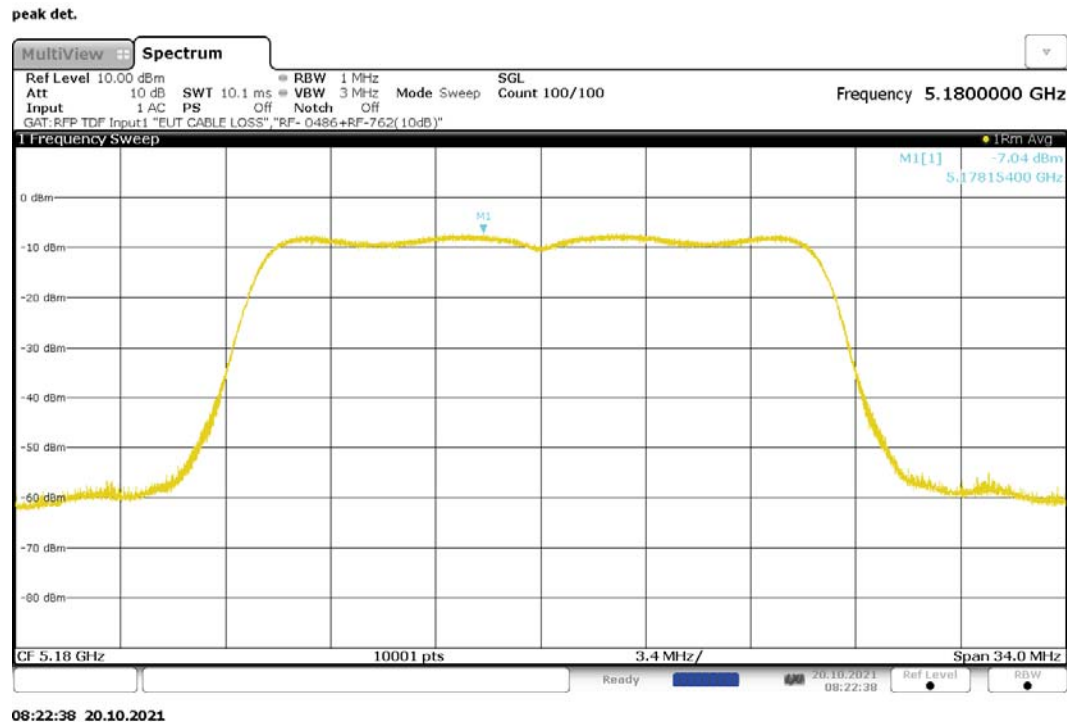


Figure 150: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5220MHz

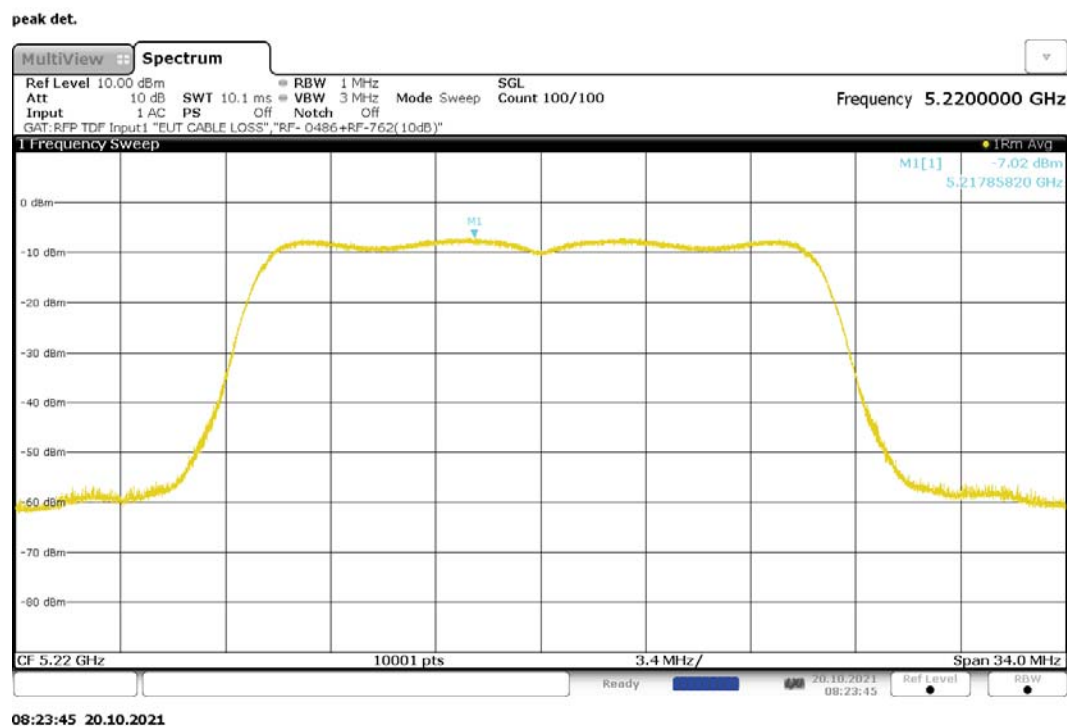
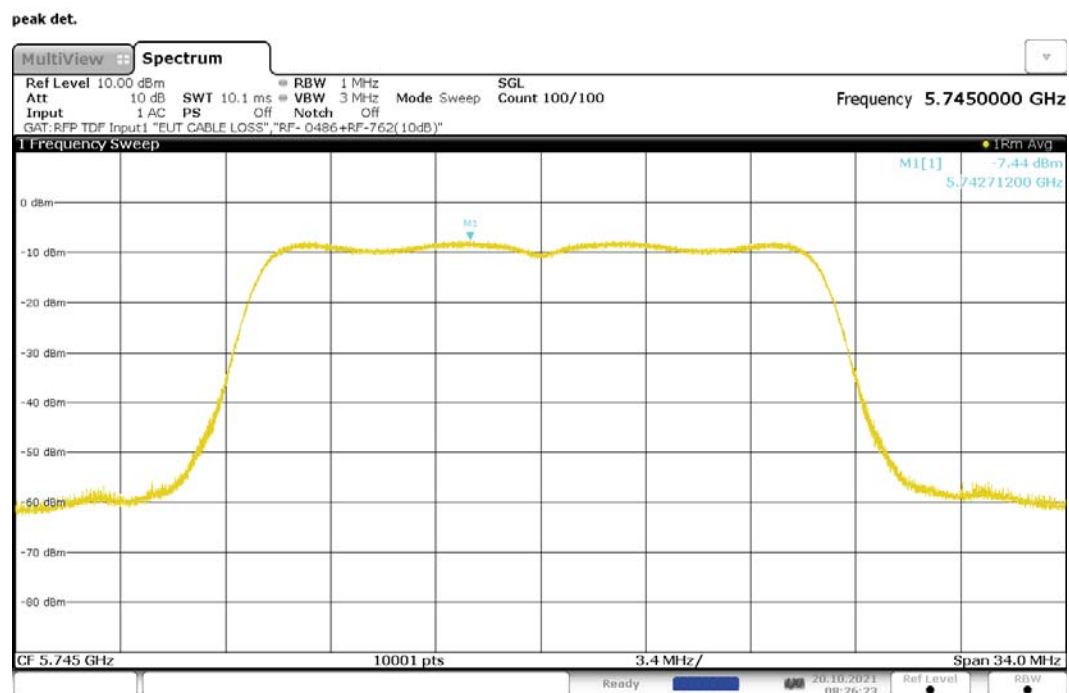


Figure 151: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5240MHz



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Figure 152: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5745MHz



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Figure 153: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5785MHz

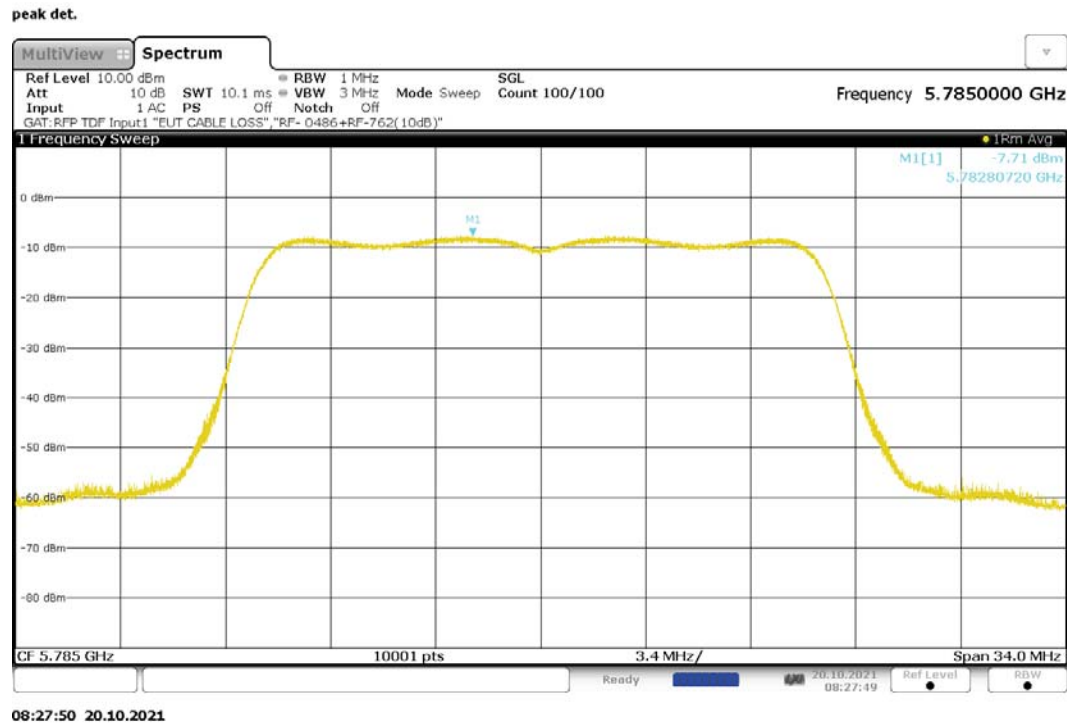


Figure 154: Maximum Power Spectral Density, 802.11n-20, SISO, RF1, 5825MHz

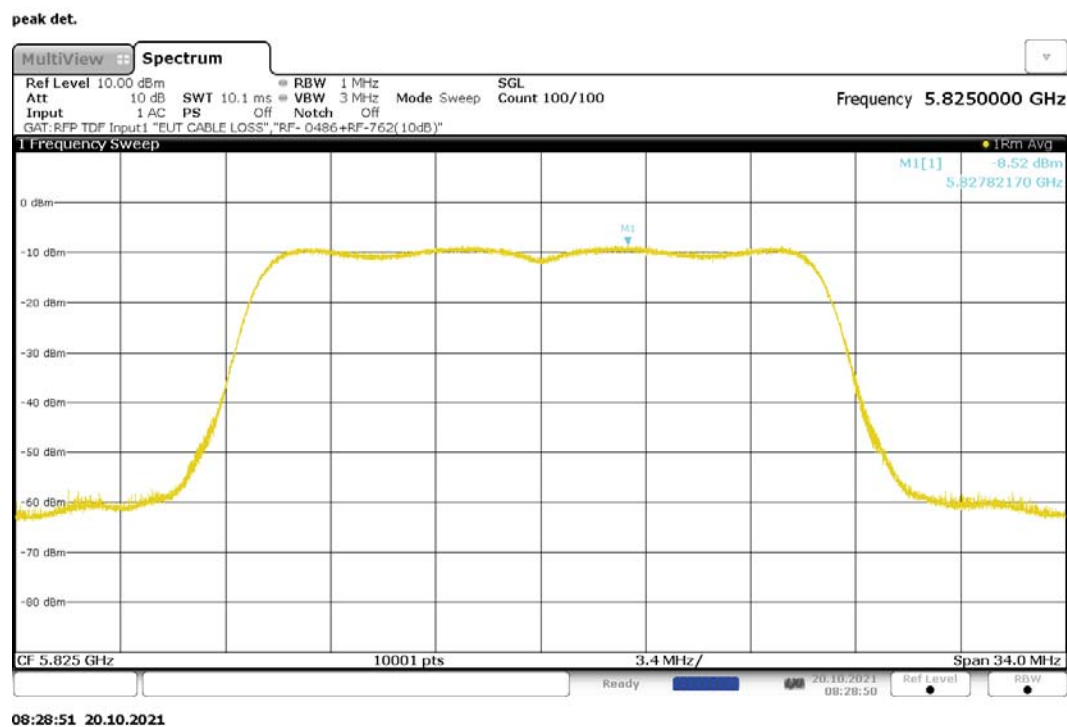


Table 109: Maximum Power Spectral Density, 802.11n-20, CDD, RF0+RF1

Freq. [MHz]	Sum Cond. PSD [dBm/MHz]	Cond. PSD Limit [dBm/MHz]	Cond. PSD Margin [dB]	Sum PSD e.i.r.p. [dBm/MHz]	PSD e.i.r.p. Limit [dBm/MHz]	PSD e.i.r.p. Margin [dB]
5180	-4.39	11	15.39	1.05	17	15.95
5220	-4.17	11	15.17	1.27	17	15.73
5240	-4.38	11	15.38	1.06	17	15.94
5745	-4.80	30	34.80	0.80	36	35.20
5785	-4.83	30	34.83	0.77	36	35.23
5825	-5.47	30	35.47	0.13	36	35.87

Table 110: Individual - Maximum Power Spectral Density, 802.11n-20, CDD, RF0

Freq. [MHz]	Cond. PSD [dBm/MHz]	Directional Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-7.76	5.44	-2.32
5220	-7.52	5.44	-2.08
5240	-7.84	5.44	-2.40
5745	-7.91	5.60	-2.31
5785	-7.98	5.60	-2.38
5825	-8.30	5.60	-2.70

Table 111: Individual - Maximum Power Spectral Density, 802.11n-20, CDD, RF1

Freq. [MHz]	Cond. PSD [dBm/MHz]	Directional Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-7.06	5.44	-1.62
5220	-6.87	5.44	-1.43
5240	-6.99	5.44	-1.55
5745	-7.72	5.60	-2.12
5785	-7.70	5.60	-2.10
5825	-8.66	5.60	-3.06

Note:

Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.
 $\text{PSD e.i.r.p. [dBm/MHz]} = \text{Cond. PSD [dBm/MHz]} + \text{Directional Gain [dBi]}$
 $\text{Directional Gain [dBi]} = \text{Individual Antenna Gain [dBi]} + \text{Array Gain [dB]}$
 $\text{Array Gain} = 10 \times \log_{10} (N_{\text{ANT}}/N_{\text{SS}}) \text{ [dB]}$, here $N_{\text{ANT}} = 2$, $N_{\text{SS}} = 1$
For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

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Figure 155: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5180MHz

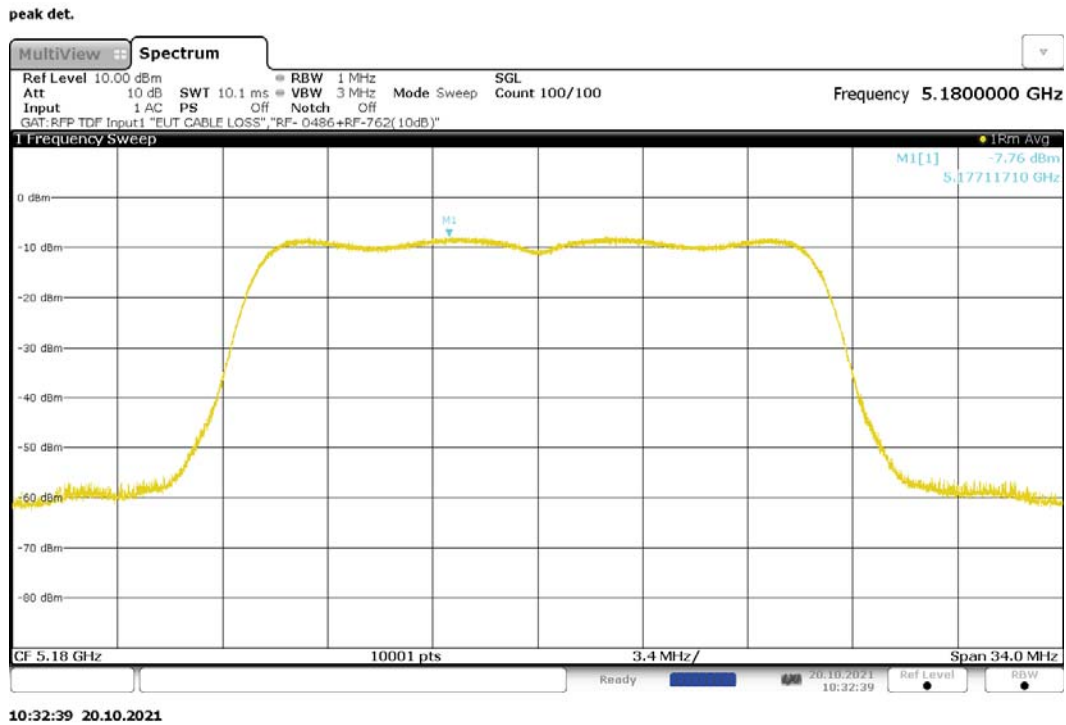


Figure 156: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5220MHz



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Figure 157: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5240MHz

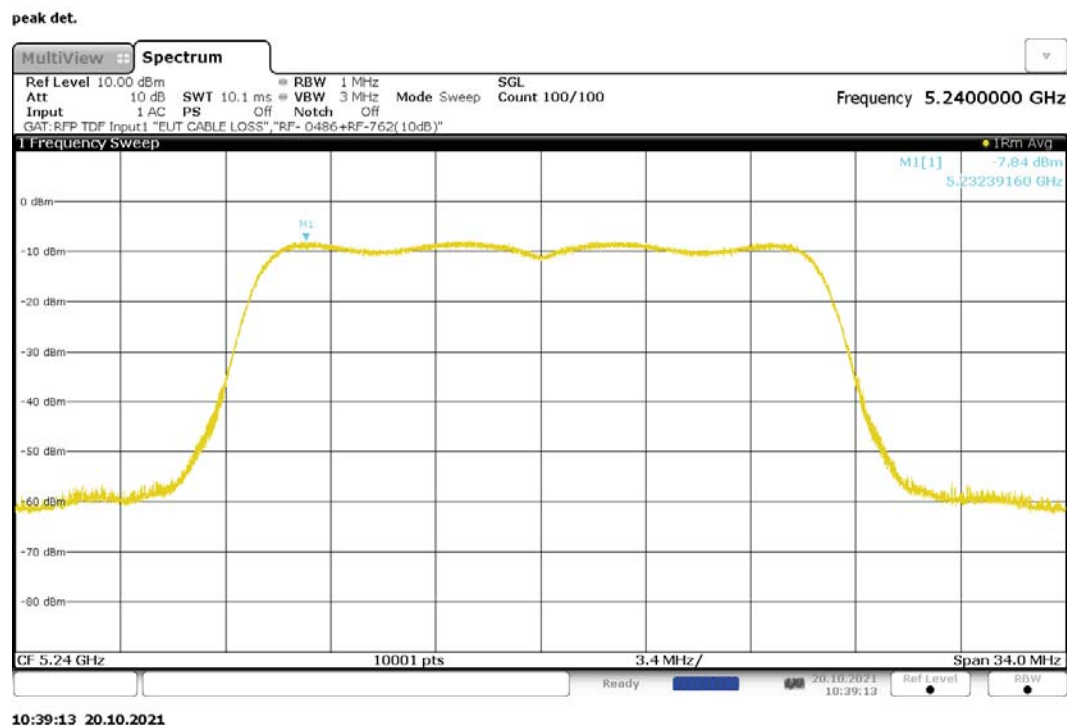
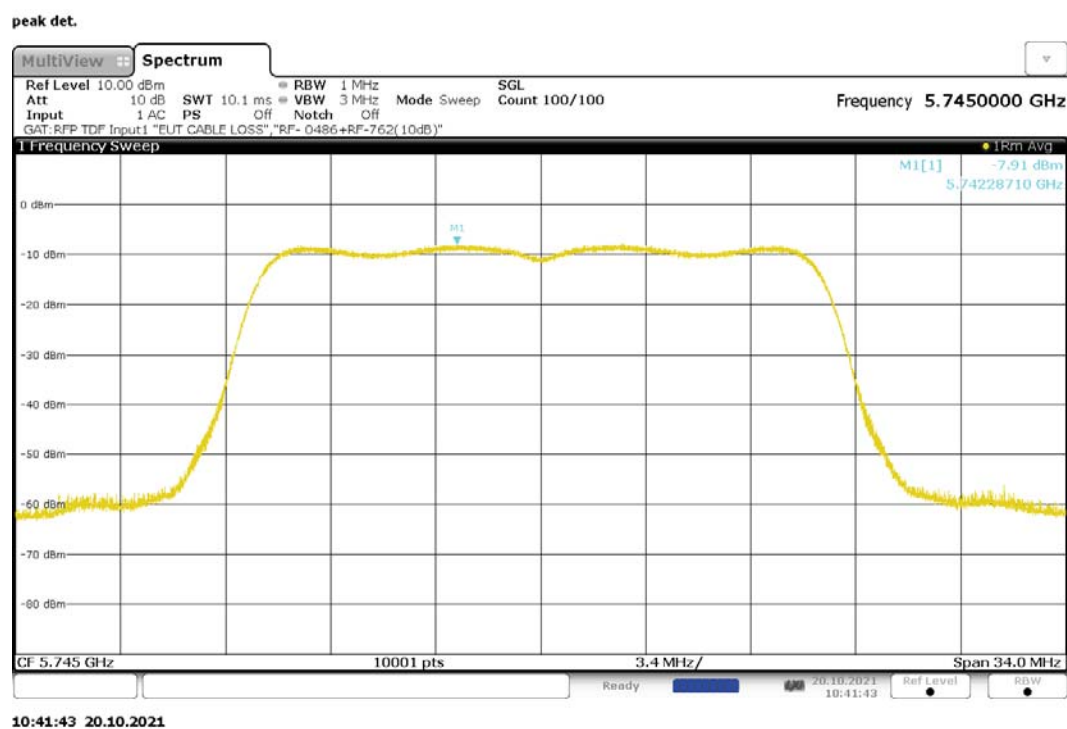


Figure 158: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5745MHz



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Figure 159: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5785MHz

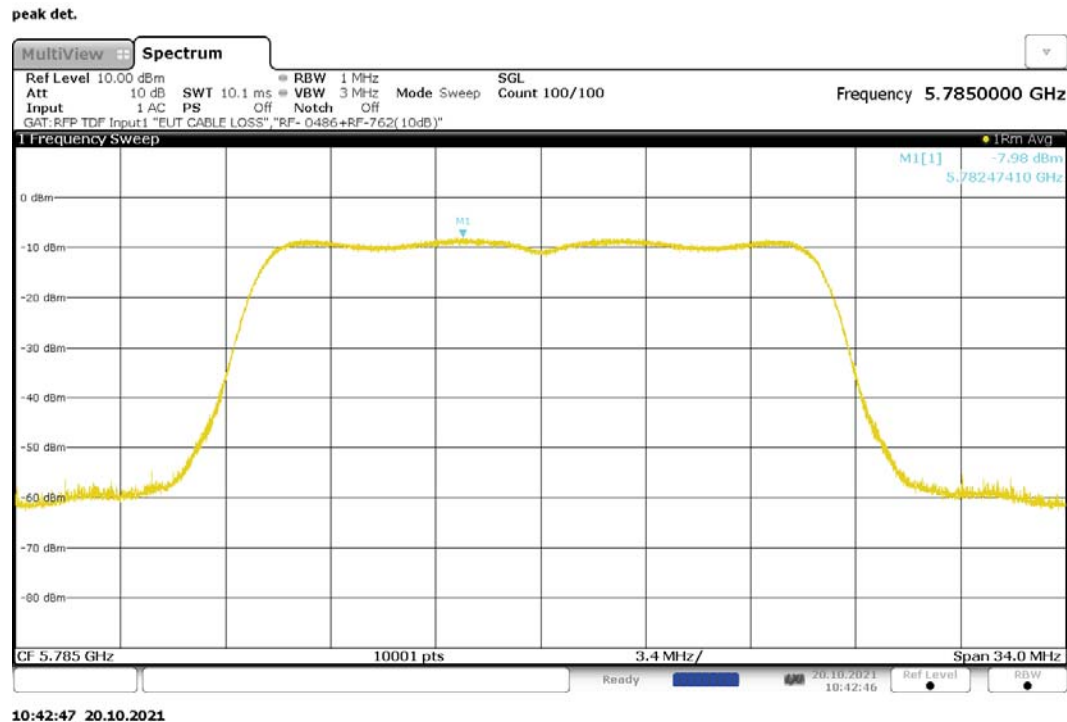


Figure 160: Maximum Power Spectral Density, 802.11n-20, CDD, RF0, 5825MHz

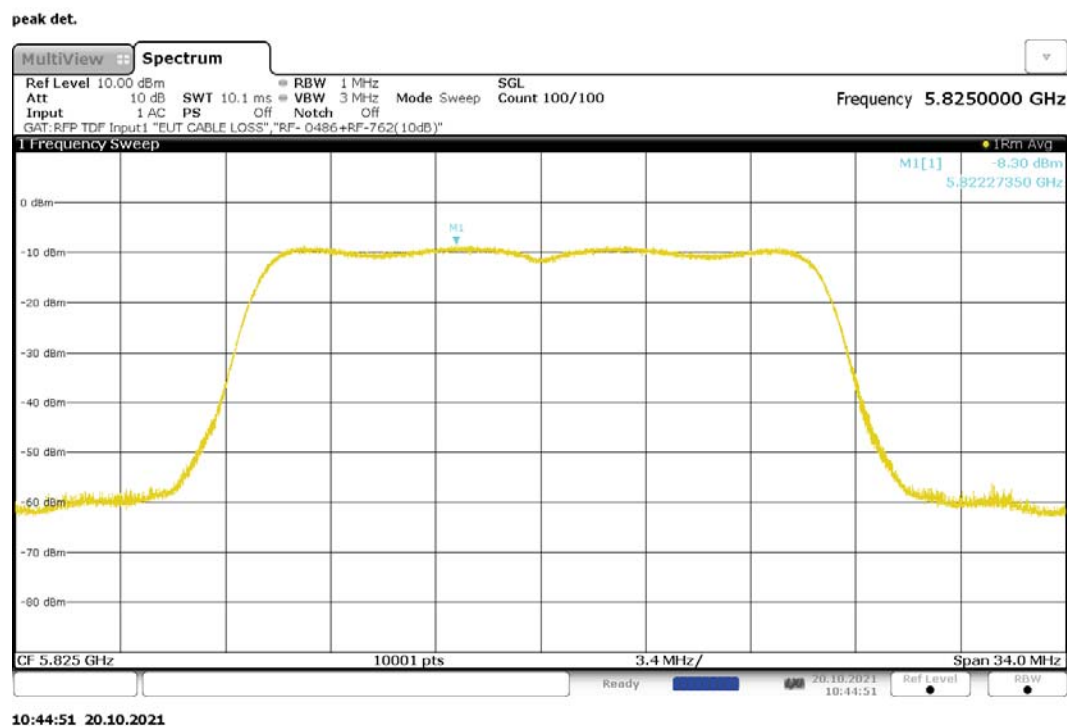


Figure 161: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5180MHz

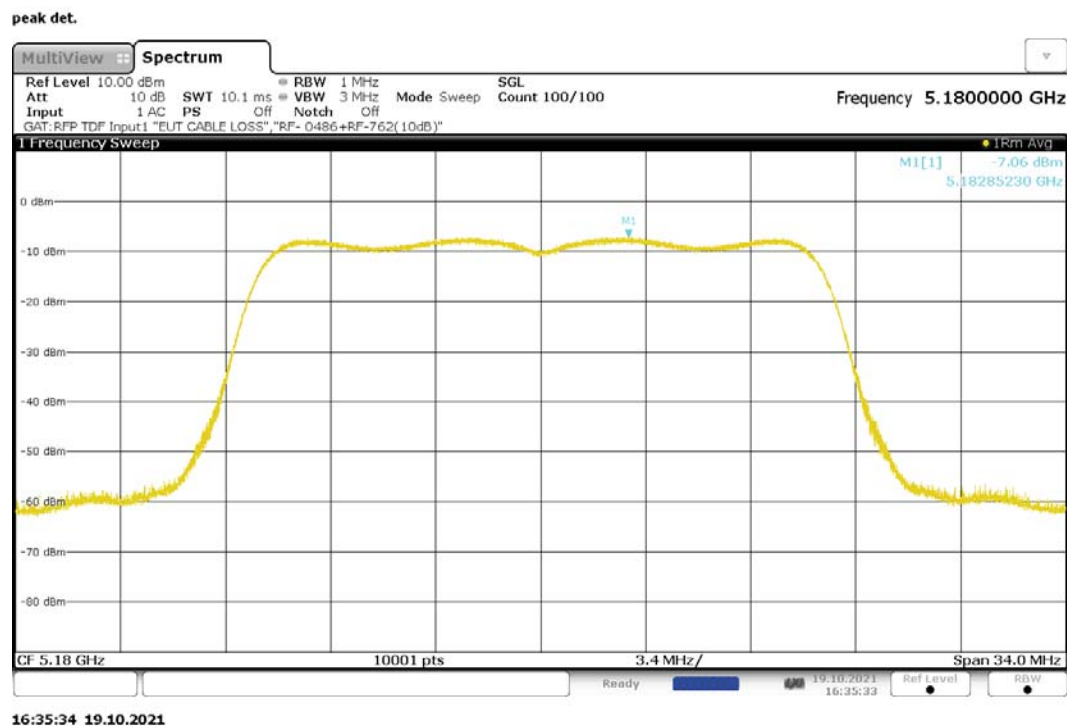
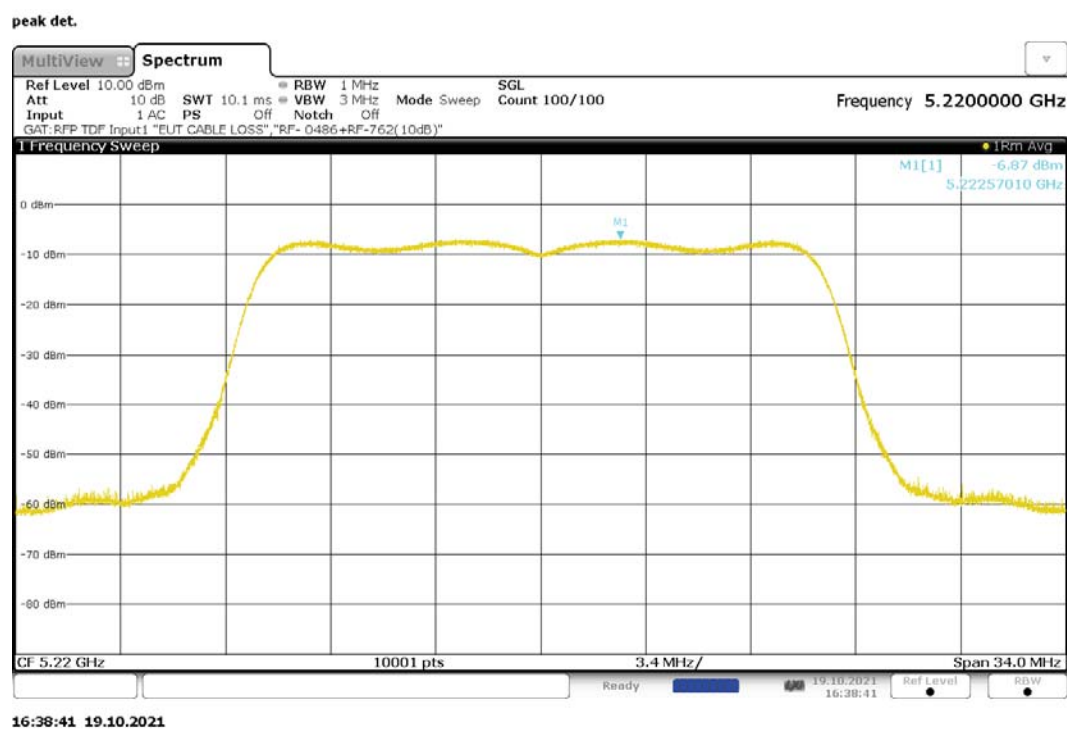


Figure 162: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5220MHz



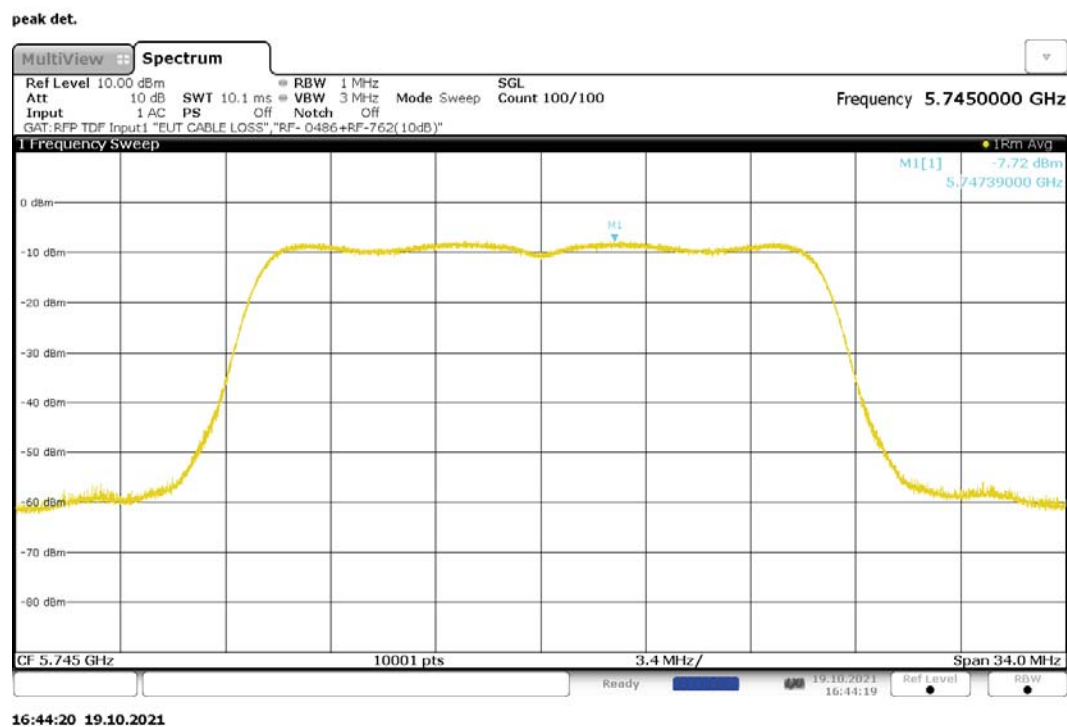
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Figure 163: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5240MHz



Figure 164: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5745MHz



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Figure 165: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5785MHz

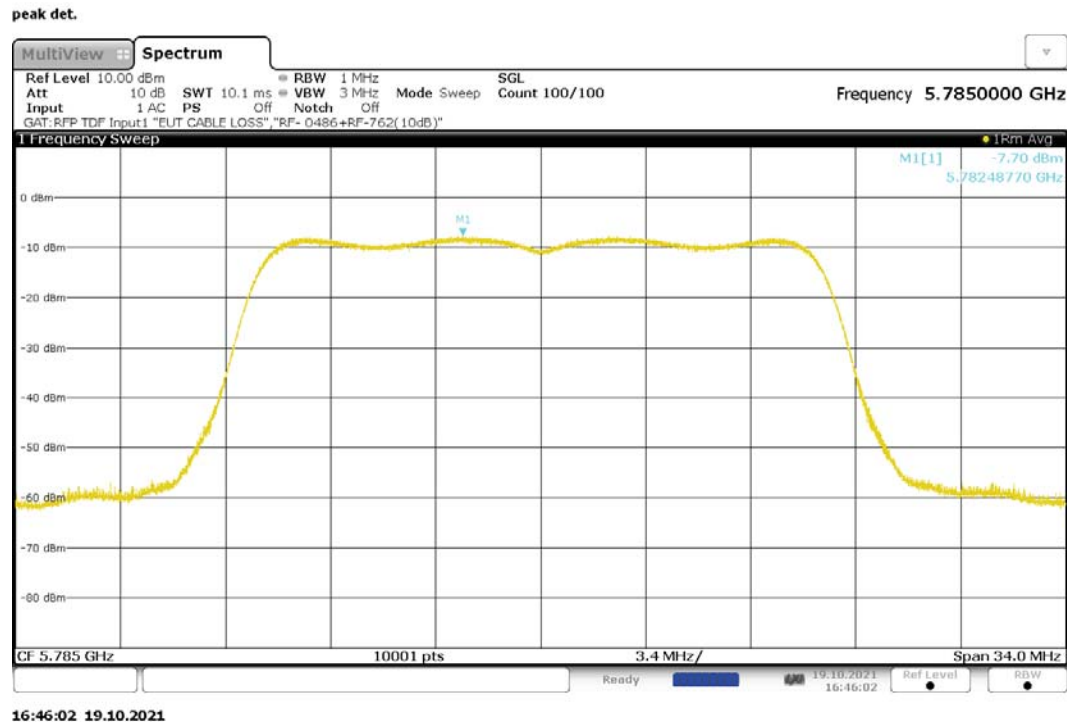


Figure 166: Maximum Power Spectral Density, 802.11n-20, CDD, RF1, 5825MHz

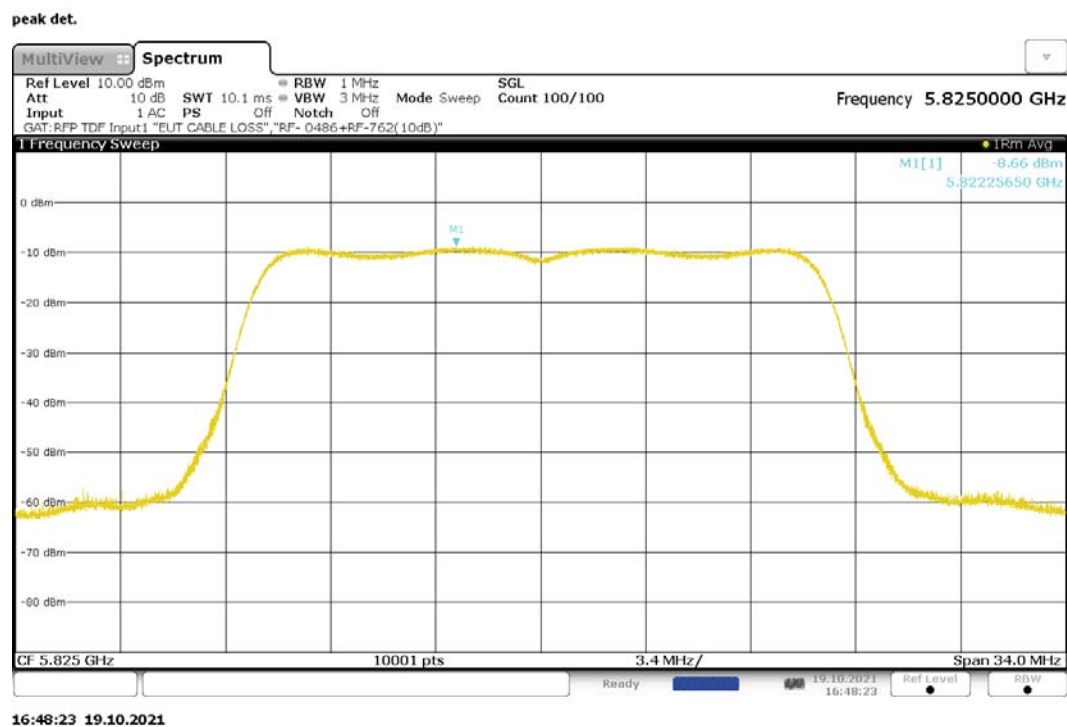


Table 112: Maximum Power Spectral Density, 802.11n-20, MIMO, RF0+RF1

Freq. [MHz]	Sum Cond. PSD [dBm/MHz]	Cond. PSD Limit [dBm/MHz]	Cond. PSD Margin [dB]	Sum PSD e.i.r.p. [dBm/MHz]	PSD e.i.r.p. Limit [dBm/MHz]	PSD e.i.r.p. Margin [dB]
5180	-4.31	11	15.31	-2.02	17	19.02
5220	-3.91	11	14.91	-1.61	17	18.61
5240	-4.34	11	15.34	-2.04	17	19.04
5745	-4.77	30	34.77	-2.90	36	38.90
5785	-4.80	30	34.80	-2.92	36	38.92
5825	-5.43	30	35.43	-3.58	36	39.58

Table 113: Individual - Maximum Power Spectral Density, 802.11n-20, MIMO, RF0

Freq. [MHz]	Cond. PSD [dBm/MHz]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-7.64	2.14	-5.50
5220	-7.30	2.14	-5.16
5240	-7.69	2.14	-5.55
5745	-7.81	1.00	-6.81
5785	-7.93	1.00	-6.93
5825	-8.35	1.00	-7.35

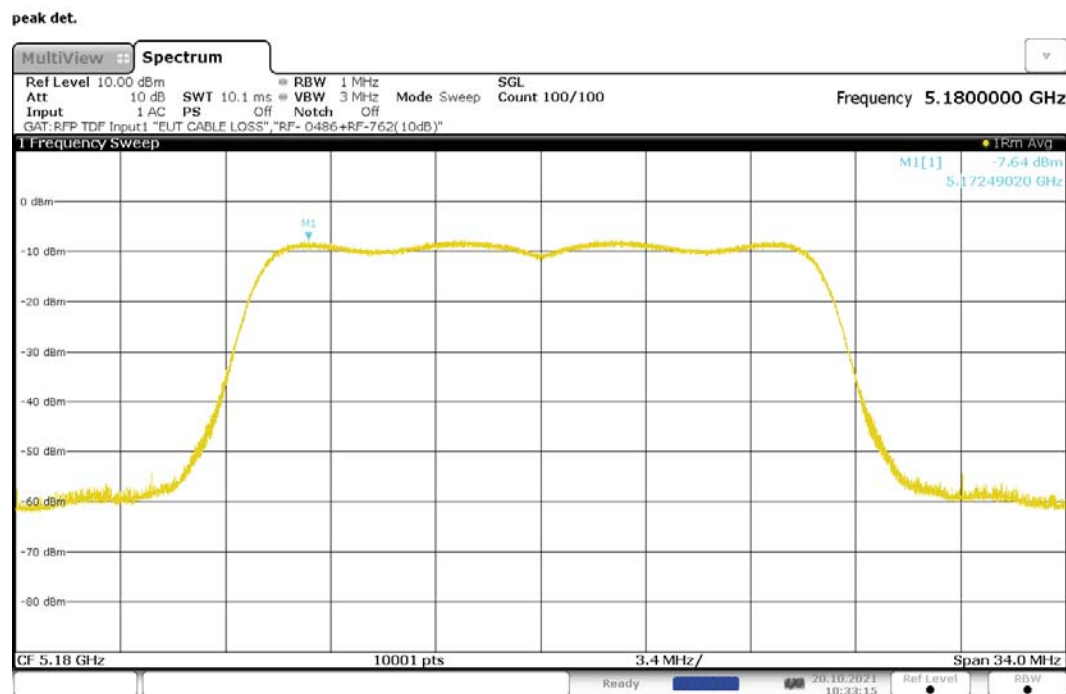
Table 114: Individual - Maximum Power Spectral Density, 802.11n-20, MIMO, RF1

Freq. [MHz]	Cond. PSD [dBm/MHz]	Antenna Gain [dBi]	PSD e.i.r.p. [dBm/MHz]
5180	-7.03	2.43	-4.60
5220	-6.57	2.43	-4.14
5240	-7.04	2.43	-4.61
5745	-7.76	2.59	-5.17
5785	-7.70	2.59	-5.11
5825	-8.54	2.59	-5.95

Note:

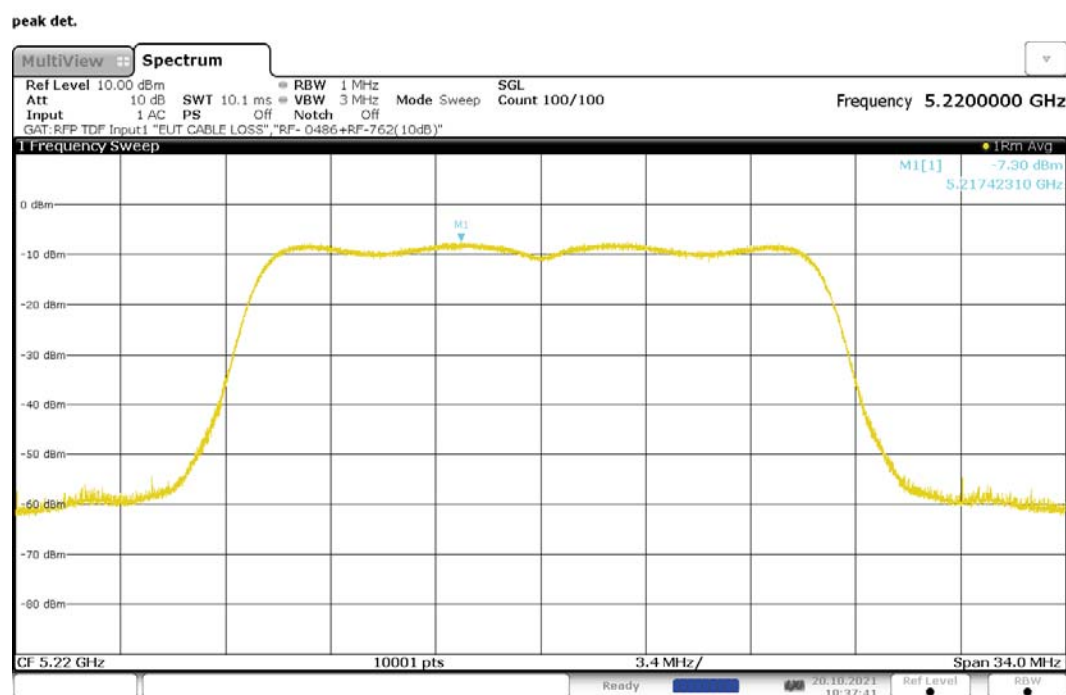
Cable (including temporary RF cable) and attenuator loss has been compensated for Cond. PSD.
PSD e.i.r.p. [dBm/MHz] = Cond. PSD [dBm/MHz] + Antenna Gain [dBi]
For the band 5.725-5.85 GHz, power density in 1MHz is measured to show conformity.

Figure 167: Maximum Power Spectral Density, 802.11n-20, MIMO, RF0, 5180MHz



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Figure 168: Maximum Power Spectral Density, 802.11n-20, MIMO, RF0, 5220MHz

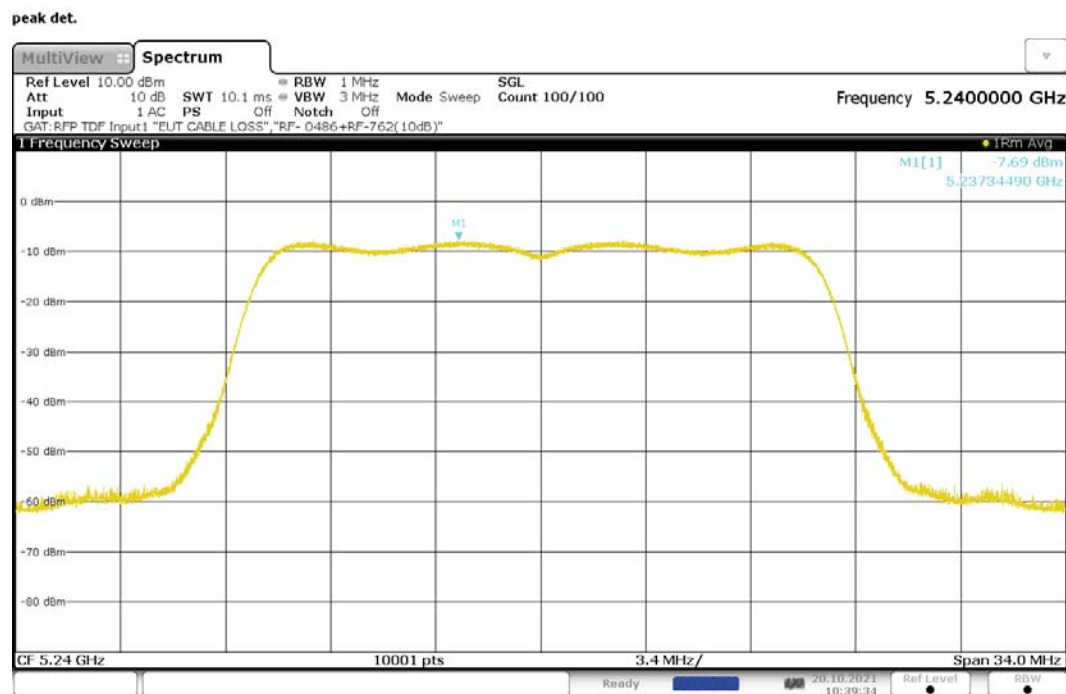


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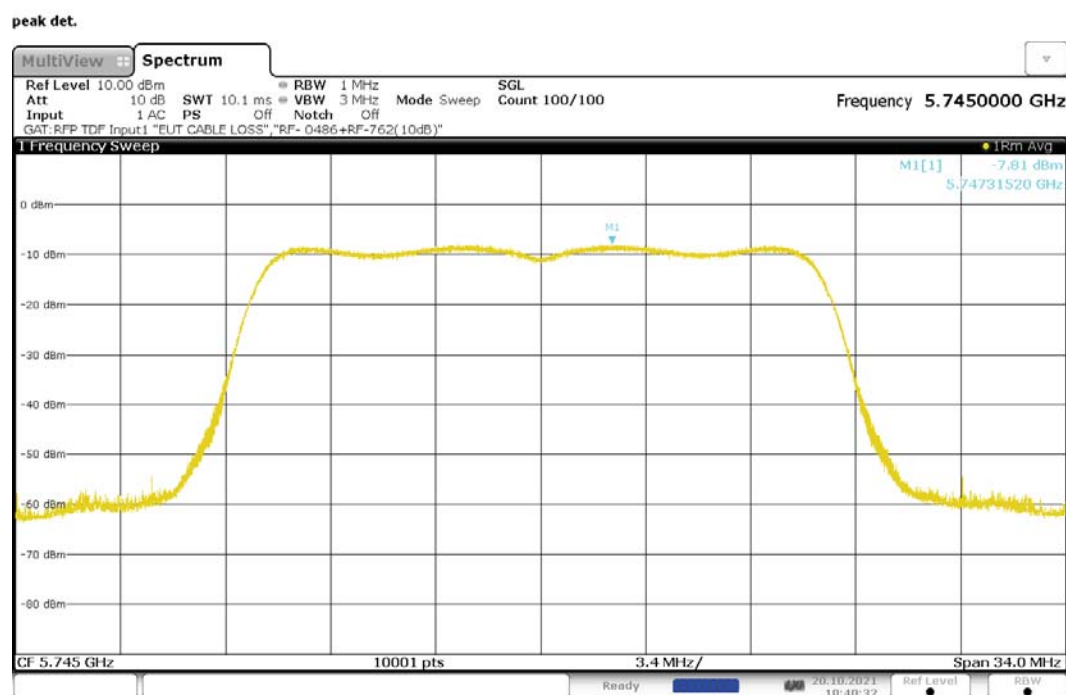
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Figure 169: Maximum Power Spectral Density, 802.11n-20, MIMO, RF0, 5240MHz



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Figure 170: Maximum Power Spectral Density, 802.11n-20, MIMO, RF0, 5745MHz



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