

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT80) / Low Channel / U-NII-2C	Distance: 3m

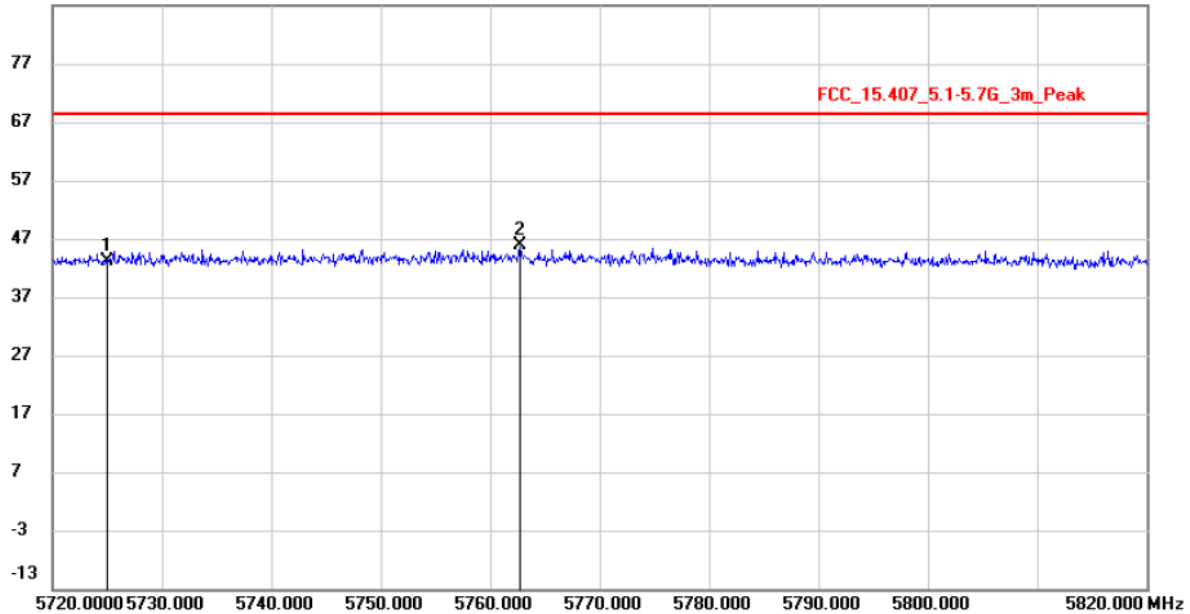
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:10:38

86.9 dBuV/m

FCC_15.407_5.1-5.7G_3m_AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		5725.000	38.10	4.92	43.02	68.20	-25.18	peak	
2	*	5762.700	40.83	4.97	45.80	68.20	-22.40	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT80) / Low Channel / U-NII-2C	Distance: 3m

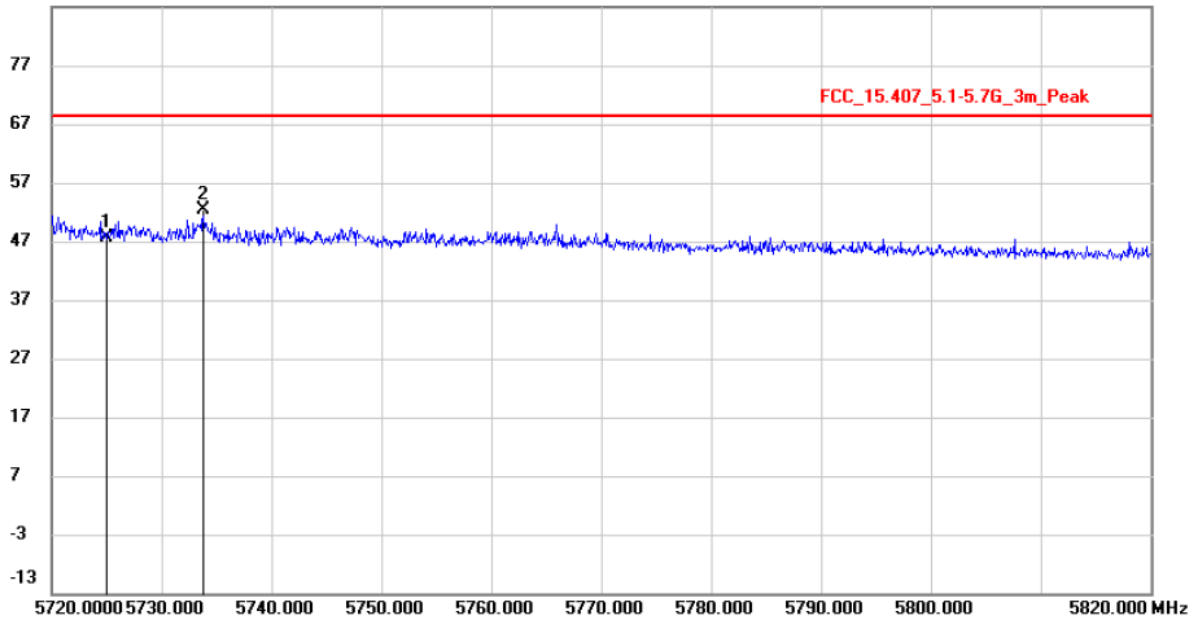
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:03:11

86.9 dBuV/m

FCC_15.407_5.1-5.76_3m_AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		5725.000	42.58	4.92	47.50	68.20	-20.70	peak	
2	*	5733.800	47.38	4.92	52.30	68.20	-15.90	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT80) / High Channel / U-NII-2C	Distance: 3m

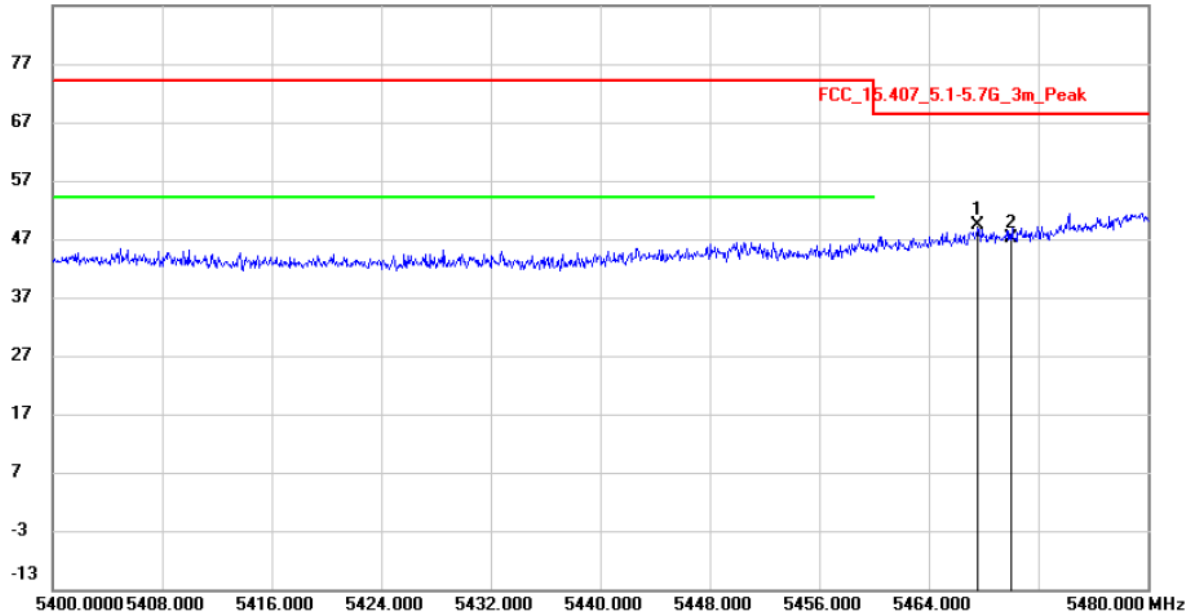
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:24:36

86.9 dBuV/m

FCC_15.407_5.1-5.7G_3m_AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1	*	5467.600	44.67	4.53	49.20	68.20	-19.00	peak
2		5470.000	42.47	4.53	47.00	68.20	-21.20	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT80) / High Channel / U-NII-2C	Distance: 3m

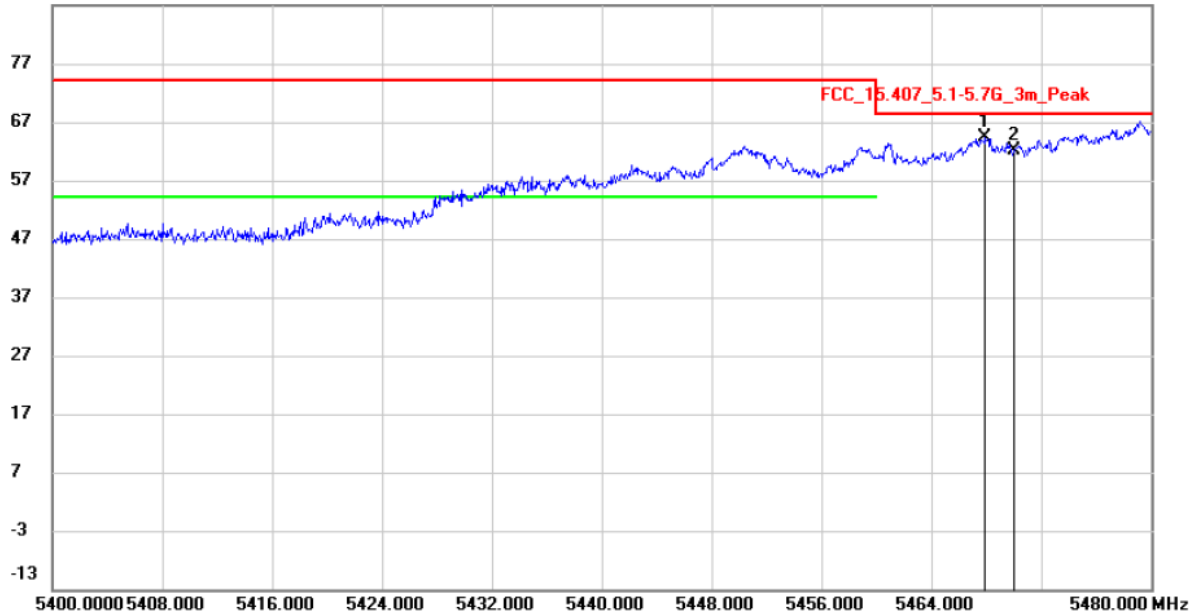
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:17:10

86.9 dBuV/m

FCC_15.407_5.1-5.76_3m_AVG



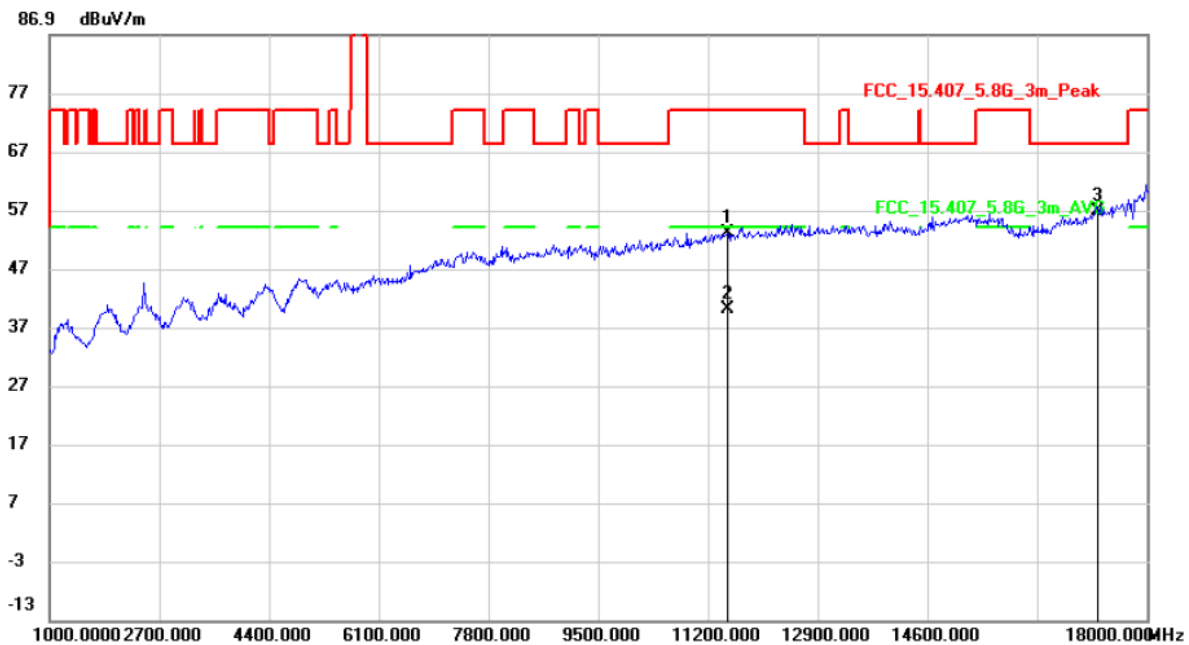
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5467.920	59.82	4.53	64.35	68.20	-3.85	peak	
2		5470.000	57.47	4.53	62.00	68.20	-6.20	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11a / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 22:30:16



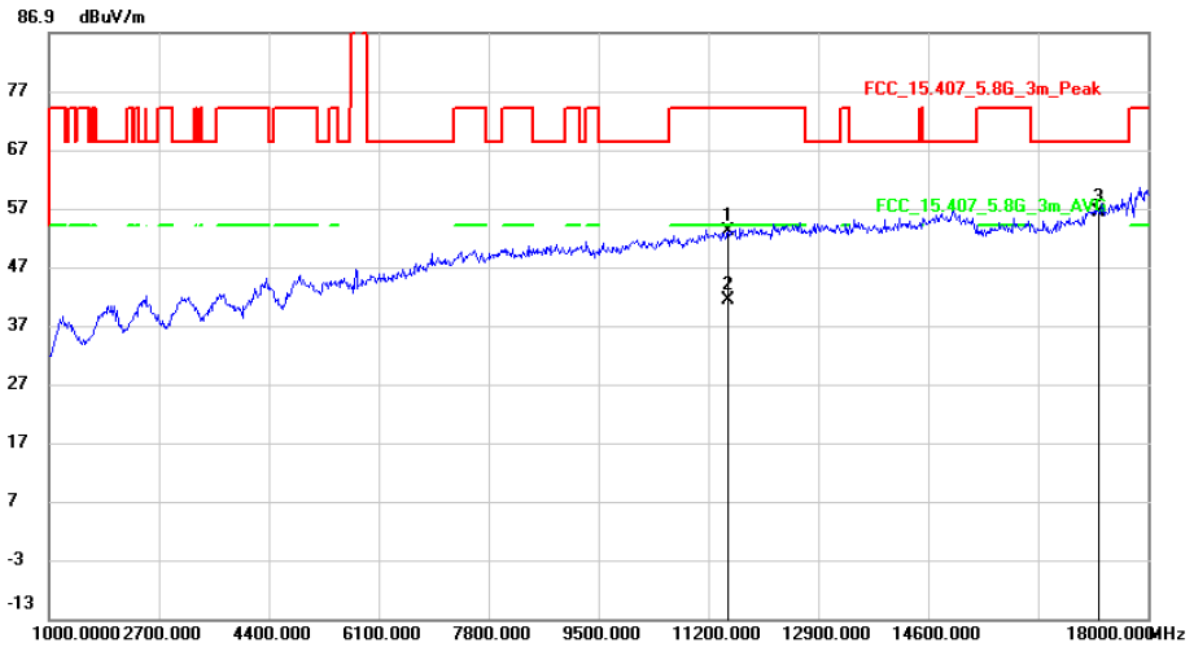
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.000	39.53	13.50	53.03	74.00	-20.97	peak	
2		11490.000	26.55	13.50	40.05	54.00	-13.95	AVG	
3	*	17235.000	39.27	17.40	56.67	68.20	-11.53	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11 a / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 22:37:27



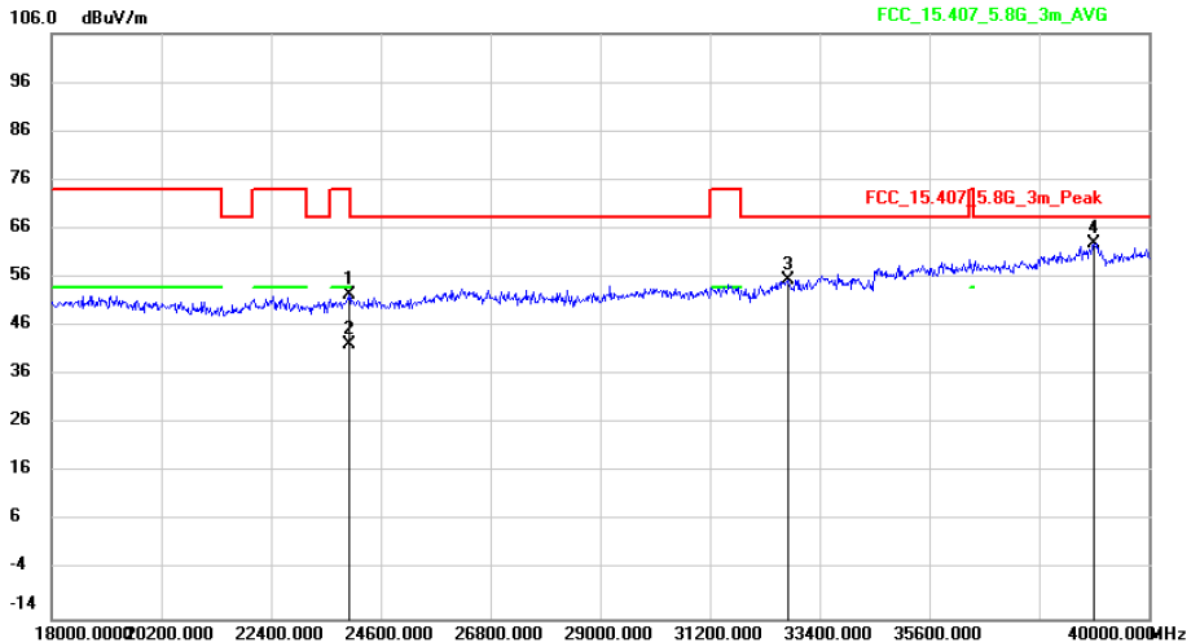
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.000	39.58	13.50	53.08	74.00	-20.92	peak	
2		11490.000	27.69	13.50	41.19	54.00	-12.81	AVG	
3	*	17235.000	38.89	17.40	56.29	68.20	-11.91	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11 a / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/27

Time: 14:25:46



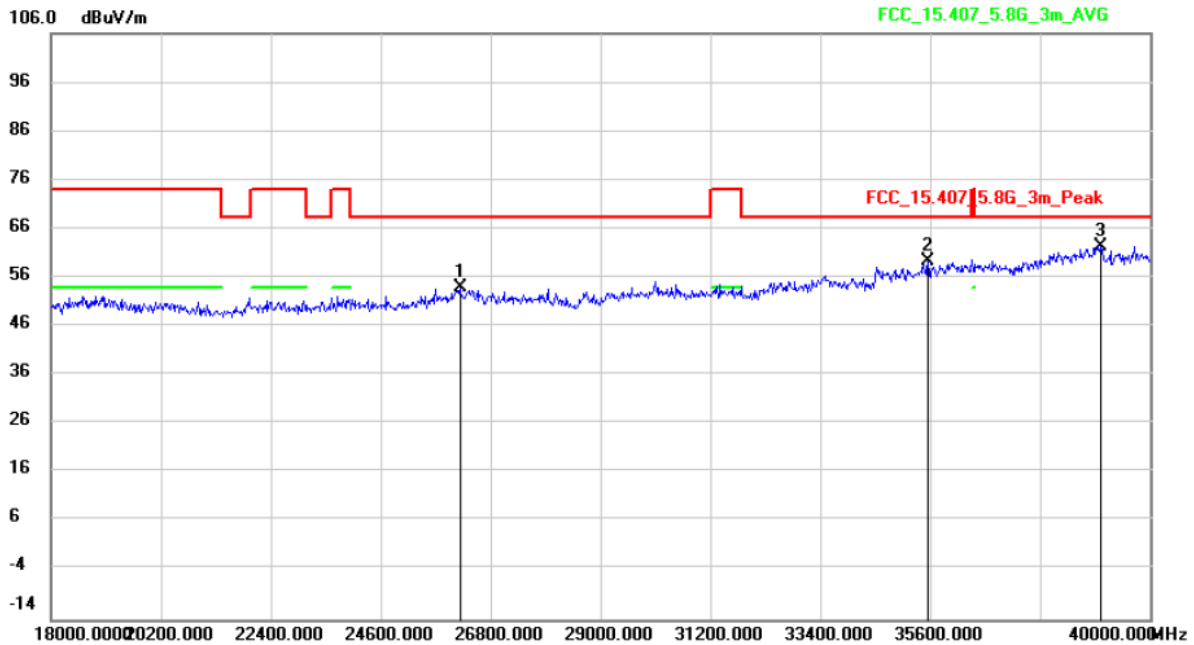
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		23962.000	46.97	5.40	52.37	74.00	-21.63	peak
2		23962.000	36.73	5.40	42.13	54.00	-11.87	AVG
3		32762.000	45.96	9.58	55.54	68.20	-12.66	peak
4	*	38900.000	50.31	12.68	62.99	68.20	-5.21	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11 a / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/27

Time: 14:32:51



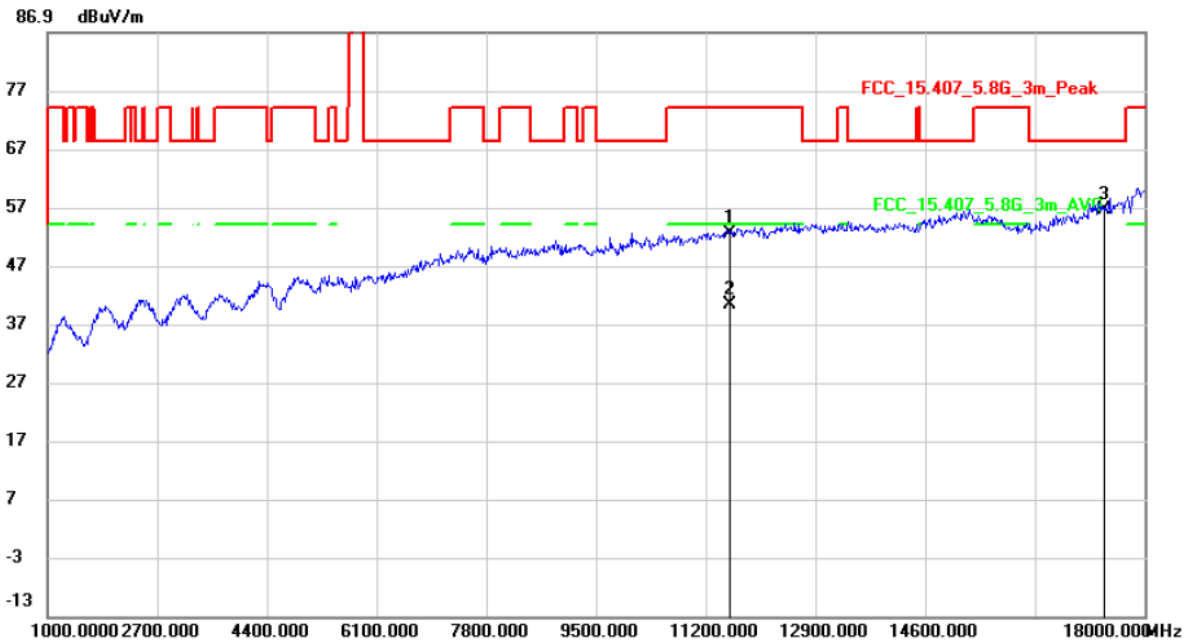
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		26184.000	46.92	7.10	54.02	68.20	-14.18	peak	
2		35556.000	49.20	10.21	59.41	68.20	-8.79	peak	
3	*	39010.000	49.99	12.48	62.47	68.20	-5.73	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11a / Middle Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 22:51:59



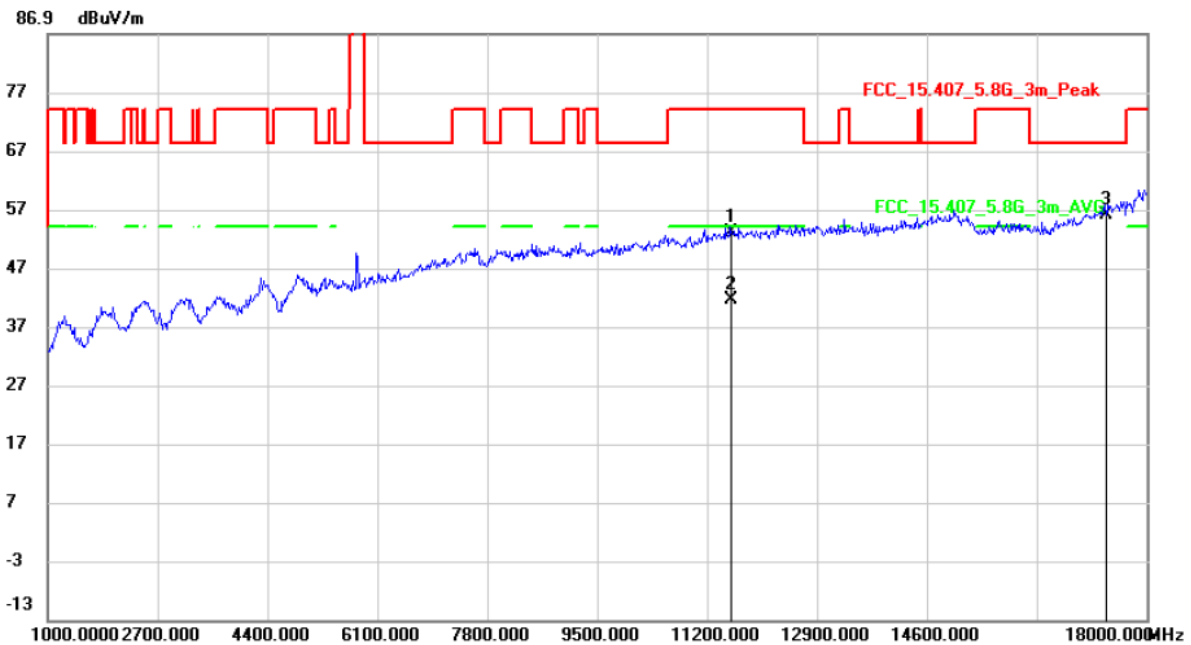
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.000	38.96	13.54	52.50	74.00	-21.50	peak	
2		11570.000	26.68	13.54	40.22	54.00	-13.78	AVG	
3	*	17355.000	38.58	17.85	56.43	68.20	-11.77	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11a / Middle Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 22:44:19



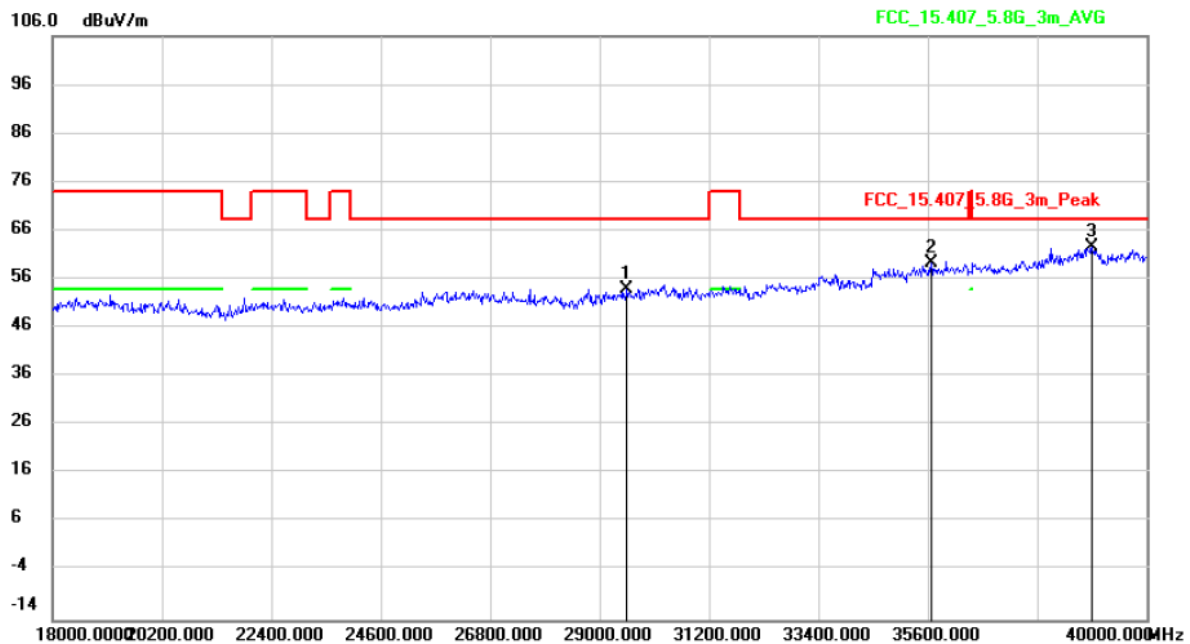
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.000	39.56	13.54	53.10	74.00	-20.90	peak	
2		11570.000	28.08	13.54	41.62	54.00	-12.38	AVG	
3	*	17355.000	38.18	17.85	56.03	68.20	-12.17	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11a / Middle Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/27

Time: 14:46:53



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		29550.000	46.34	7.70	54.04	68.20	-14.16	peak	
2		35666.000	48.95	10.37	59.32	68.20	-8.88	peak	
3	*	38900.000	49.94	12.68	62.62	68.20	-5.58	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11a / Middle Channel / U-NII-3	Distance: 3m

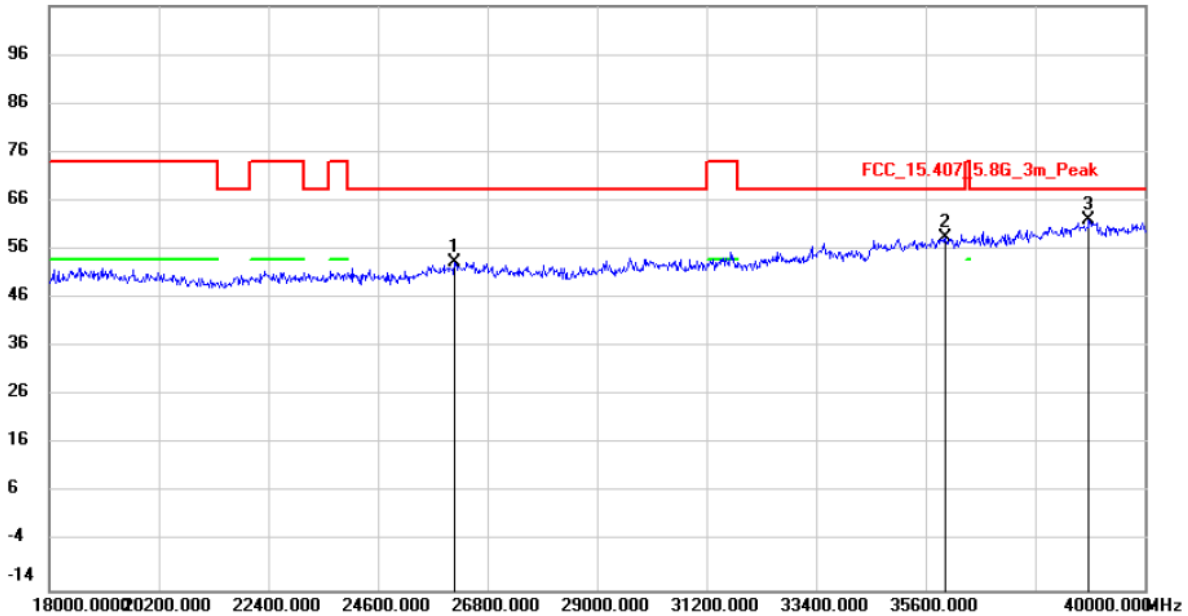
Radiated Emission Measurement

Date: 2025/12/27

Time: 14:39:57

106.0 dBuV/m

FCC_15.407_5.8G_3m_AVG



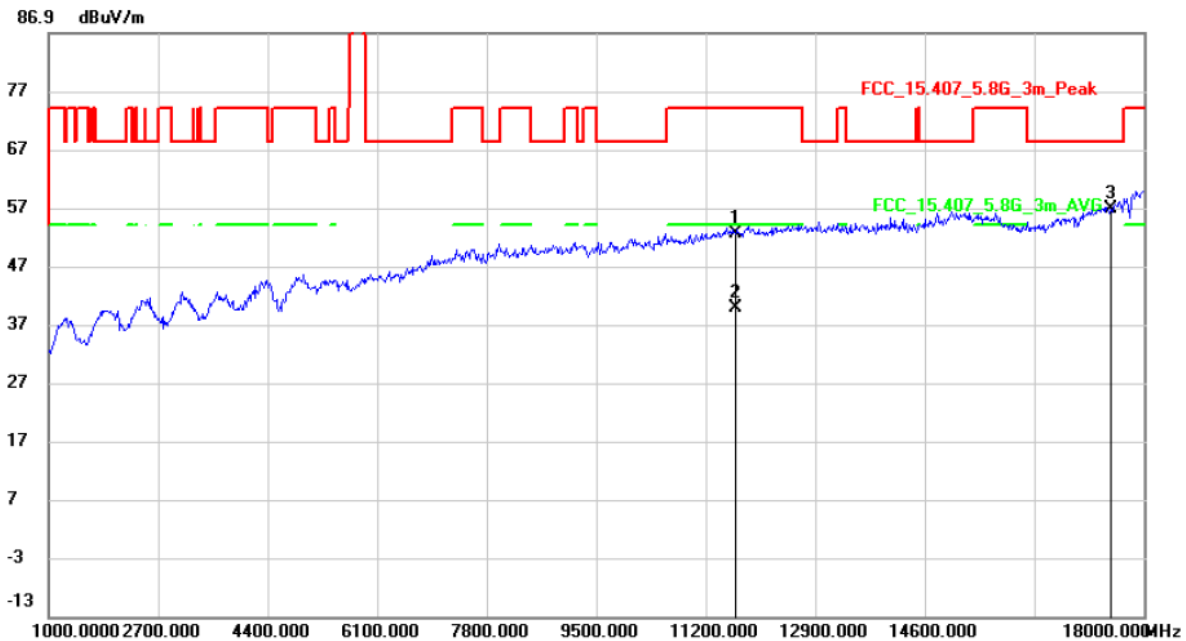
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		26140.000	46.40	7.08	53.48	68.20	-14.72	peak	
2		35996.000	47.64	10.85	58.49	68.20	-9.71	peak	
3	*	38878.000	49.33	12.73	62.06	68.20	-6.14	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 22:58:44



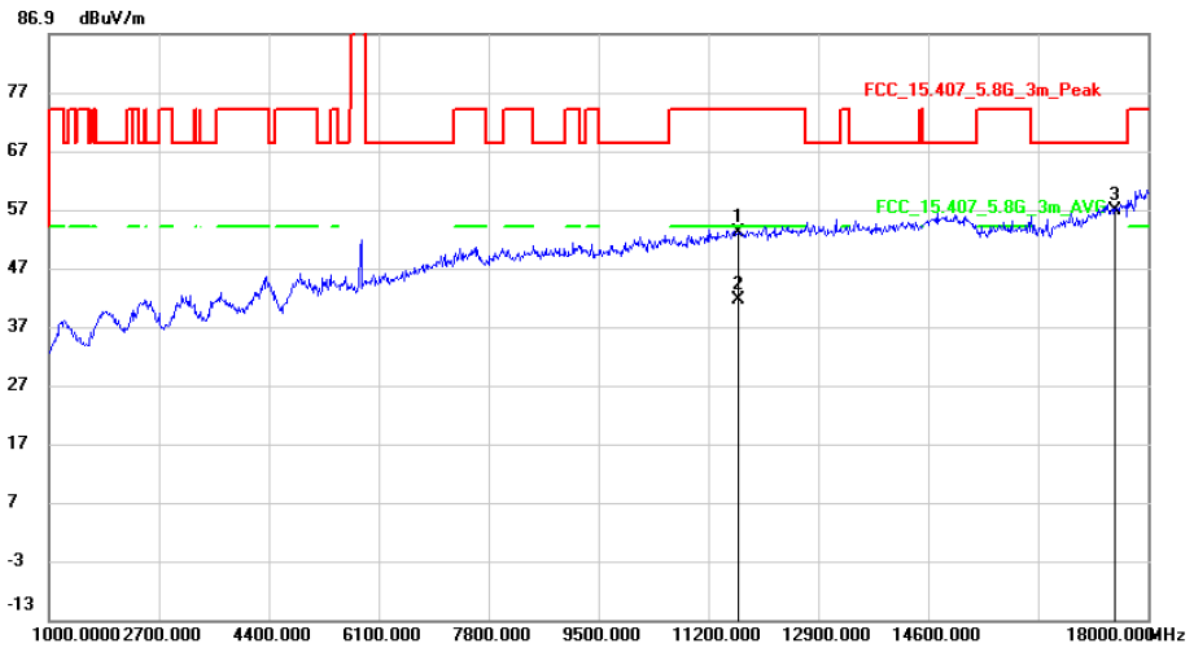
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		11650.000	39.08	13.56	52.64	74.00	-21.36	peak
2		11650.000	26.24	13.56	39.80	54.00	-14.20	AVG
3	*	17475.000	38.52	18.29	56.81	68.20	-11.39	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/10

Time: 23:05:14



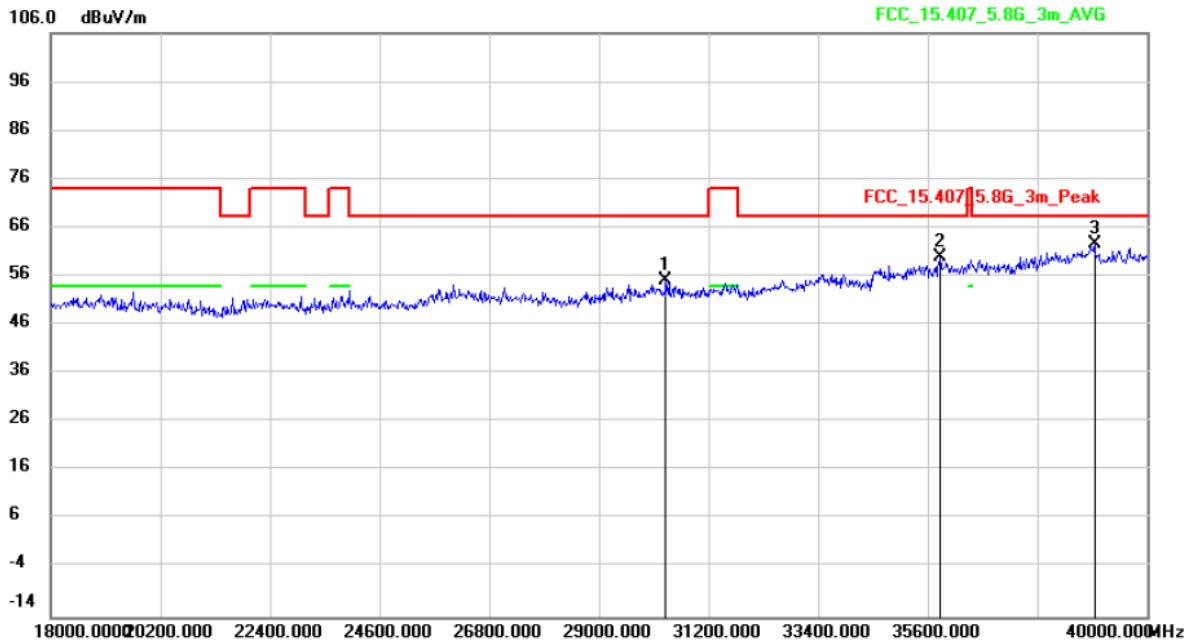
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.000	39.49	13.56	53.05	74.00	-20.95	peak	
2		11650.000	27.86	13.56	41.42	54.00	-12.58	AVG	
3	*	17475.000	38.61	18.29	56.90	68.20	-11.30	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: PK, AVG
Test Mode: IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/27

Time: 14:53:57



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		30342.000	46.08	8.96	55.04	68.20	-13.16	peak	
2		35842.000	49.33	10.63	59.96	68.20	-8.24	peak	
3	*	38944.000	50.21	12.59	62.80	68.20	-5.40	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: PK, AVG
Test Mode: IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

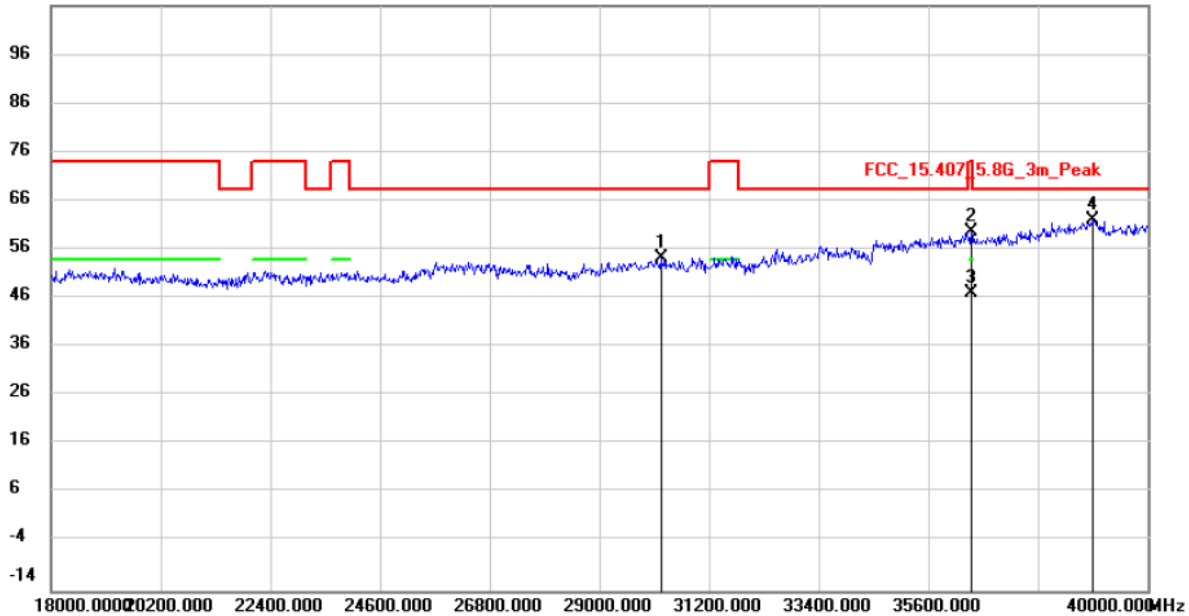
Radiated Emission Measurement

Date: 2025/12/27

Time: 15:00:02

106.0 dBuV/m

FCC_15.407_5.8G_3m_AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		30232.000	45.46	8.90	54.36	68.20	-13.84	peak	
2		36458.000	48.41	11.22	59.63	74.00	-14.37	peak	
3		36458.000	35.87	11.22	47.09	54.00	-6.91	AVG	
4	*	38900.000	49.39	12.68	62.07	68.20	-6.13	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11a / Low Channel / U-NII-3	Distance: 3m

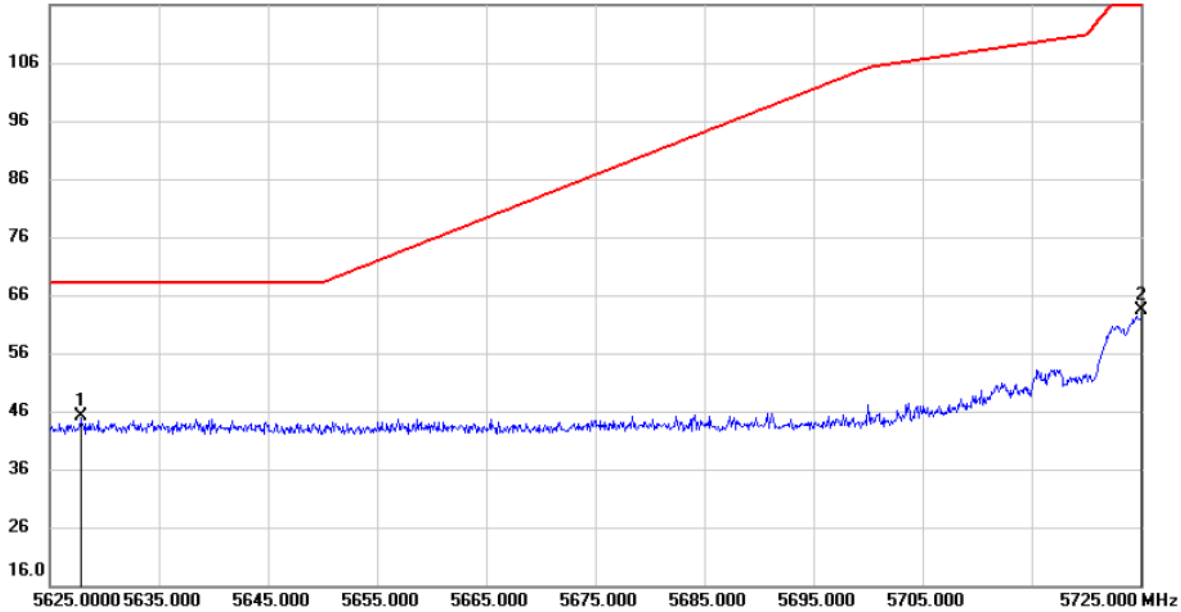
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:50:46

116.0 dBuV/m

FCC15.107.5.3063.0 PAMG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1	*	5627.900	40.36	4.74	45.10	68.20	-23.10	peak
2		5725.000	58.58	4.92	63.50	122.20	-58.70	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11a / Low Channel / U-NII-3	Distance: 3m

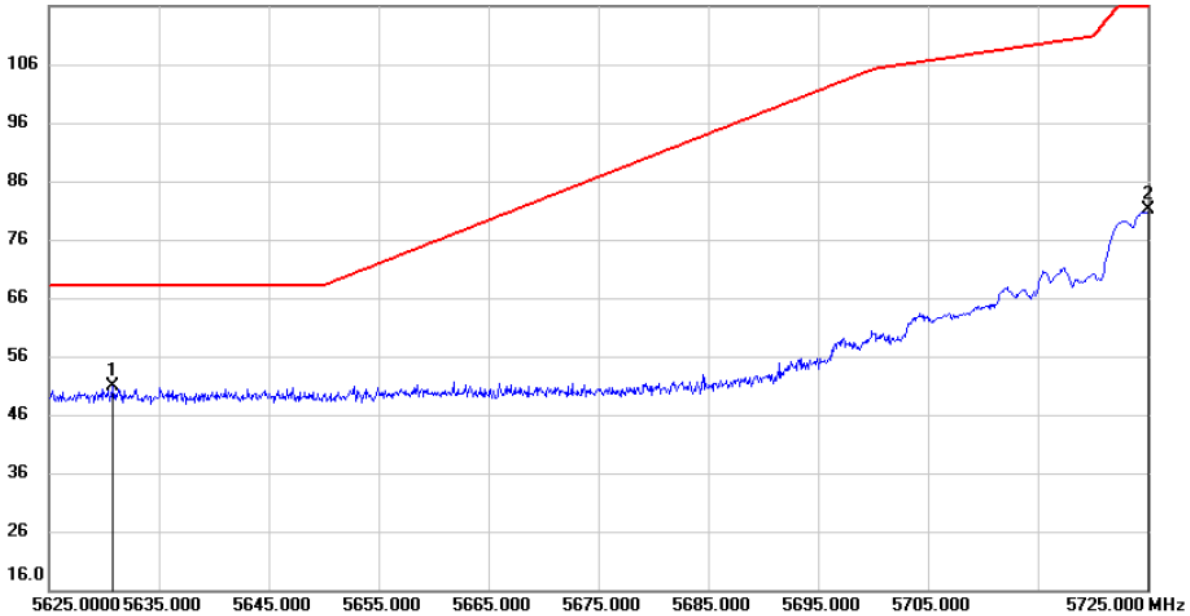
Radiated Emission Measurement

Date: 2026/4/18

Time: 18:43:09

116.0 dBuV/m

FCC151075.90630 PAVE



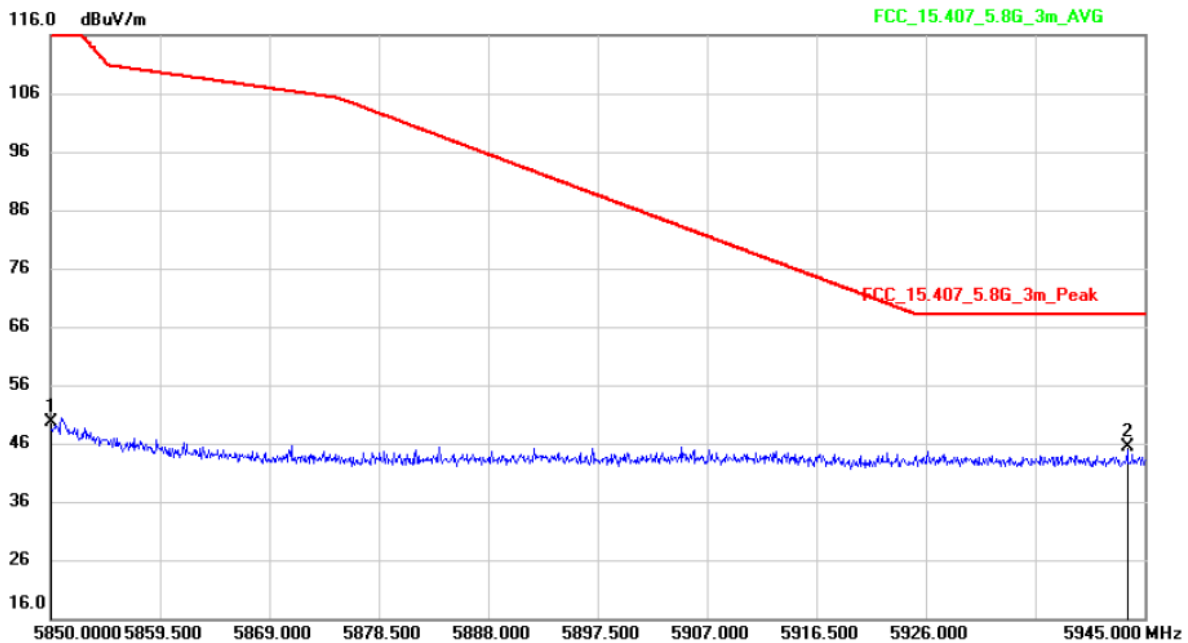
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5630.800	46.25	4.75	51.00	68.20	-17.20	peak	
2		5725.000	76.33	4.92	81.25	122.20	-40.95	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 18:57:21



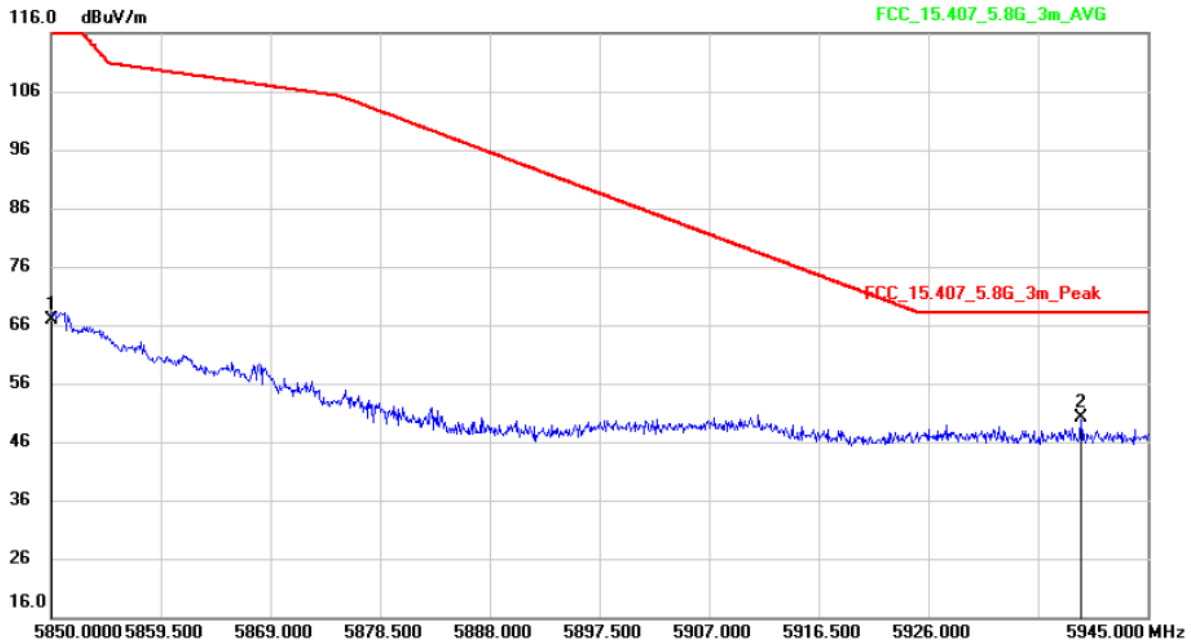
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	44.58	5.04	49.62	122.20	-72.58	peak
2	*	5943.480	40.21	5.11	45.32	68.20	-22.88	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11a / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 19:05:50



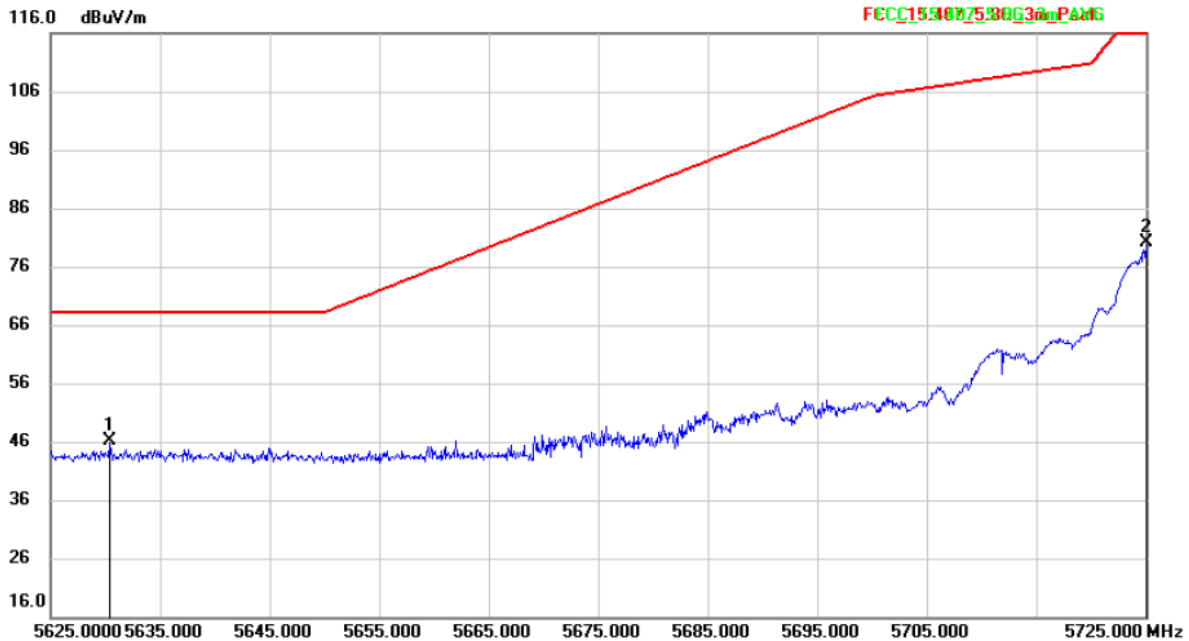
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	61.96	5.04	67.00	122.20	-55.20	peak
2	*	5939.205	45.09	5.11	50.20	68.20	-18.00	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT20) / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 19:27:35



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5630.400	41.28	4.75	46.03	68.20	-22.17	peak	
2		5725.000	75.09	4.92	80.01	122.20	-42.19	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT20) / Low Channel / U-NII-3	Distance: 3m

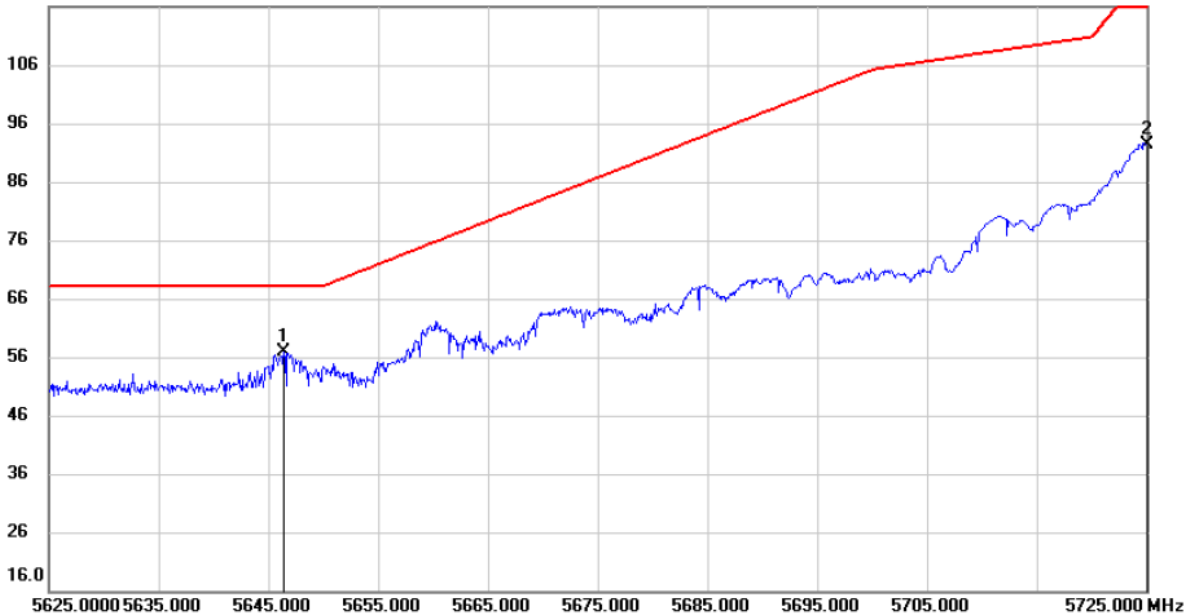
Radiated Emission Measurement

Date: 2026/4/18

Time: 19:34:13

116.0 dBuV/m

FECC153400753863mPAWS



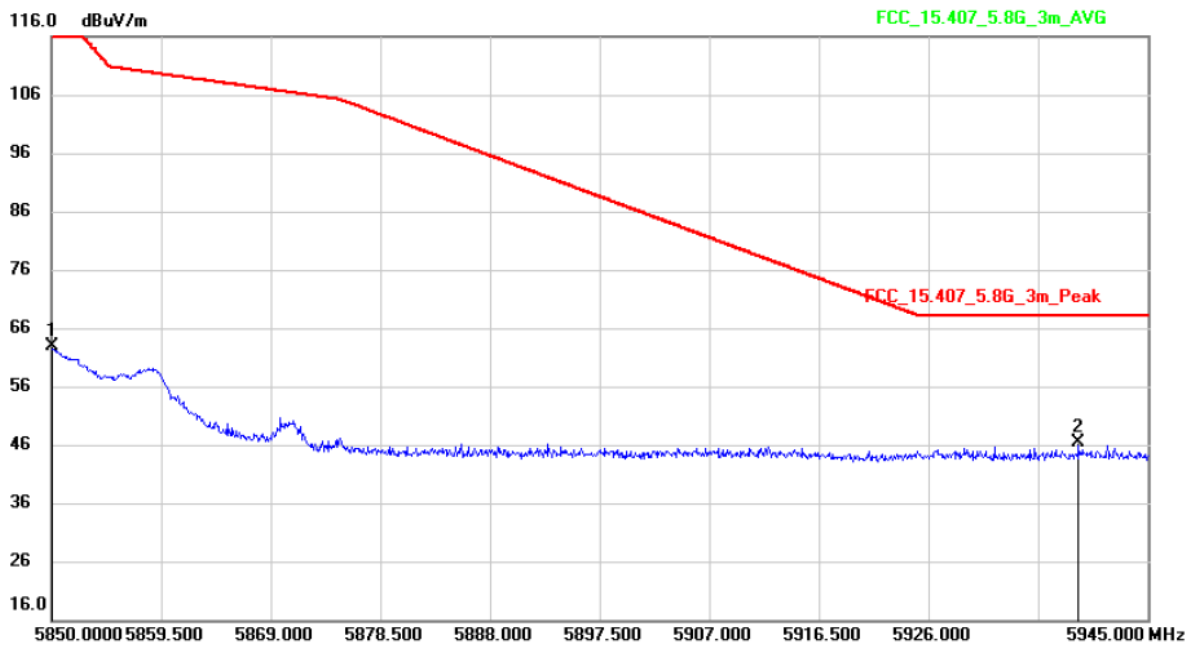
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5646.400	51.99	4.78	56.77	68.20	-11.43	peak	
2		5725.000	87.38	4.92	92.30	122.20	-29.90	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT20) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 19:20:01



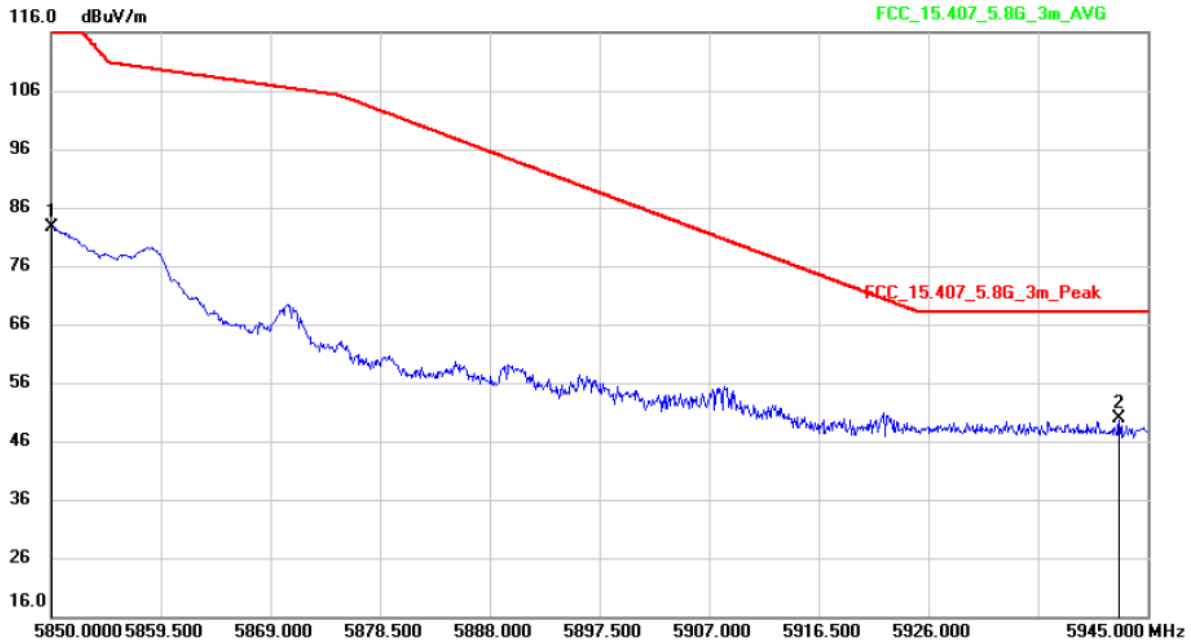
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	57.96	5.04	63.00	122.20	-59.20	peak
2	*	5939.015	41.20	5.11	46.31	68.20	-21.89	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT20) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 19:12:37



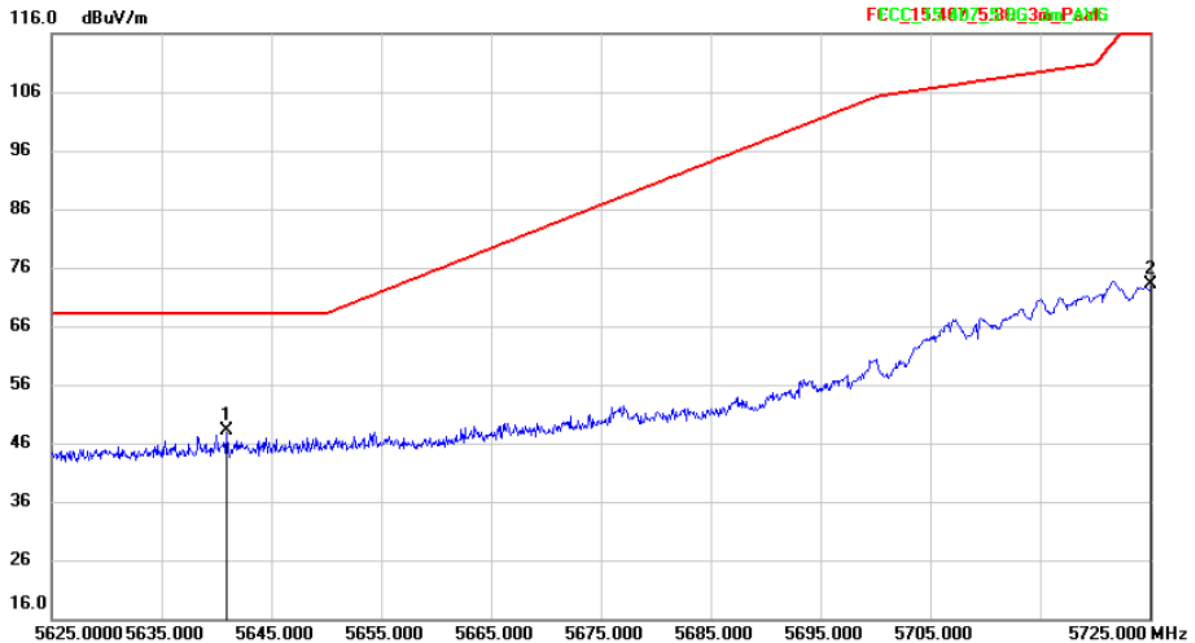
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	77.66	5.04	82.70	122.20	-39.50	peak
2	*	5942.530	44.69	5.11	49.80	68.20	-18.40	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11n(HT40) / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 20:27:40



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	*	5640.900	43.43	4.78	48.21	68.20	-19.99	peak	
2		5725.000	68.28	4.92	73.20	122.20	-49.00	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11n(HT40) / Low Channel / U-NII-3	Distance: 3m

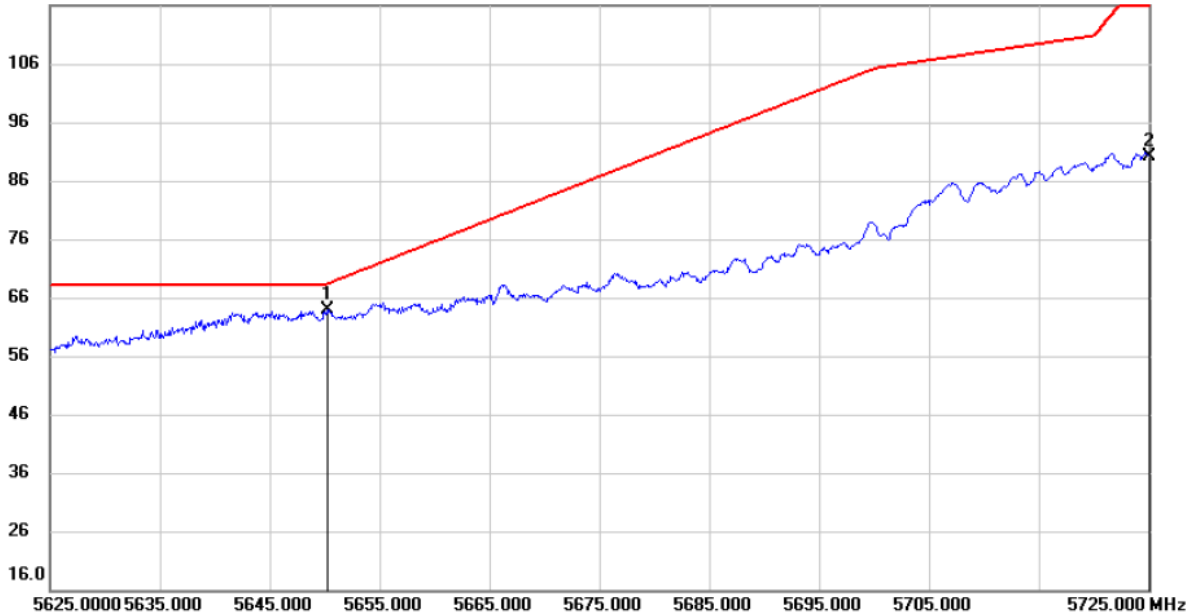
Radiated Emission Measurement

Date: 2026/4/18

Time: 20:34:14

116.0 dBuV/m

FCC151007530630 PAMS



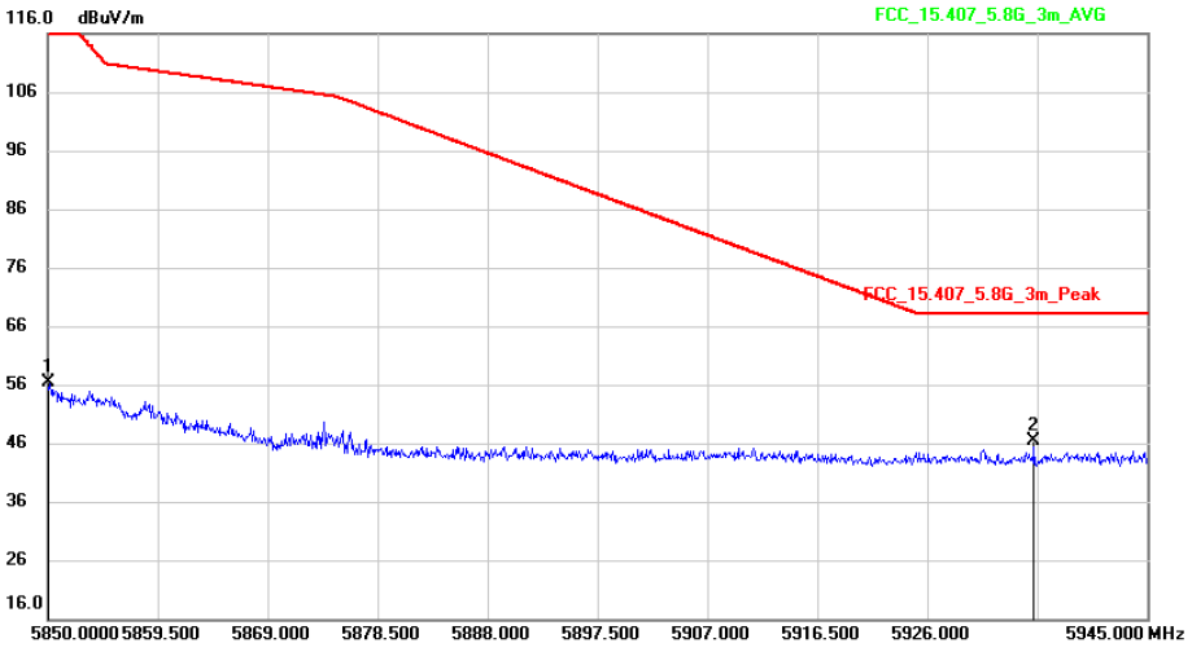
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.200	59.22	4.78	64.00	68.35	-4.35	peak	
2		5725.000	85.20	4.92	90.12	122.20	-32.08	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT40) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

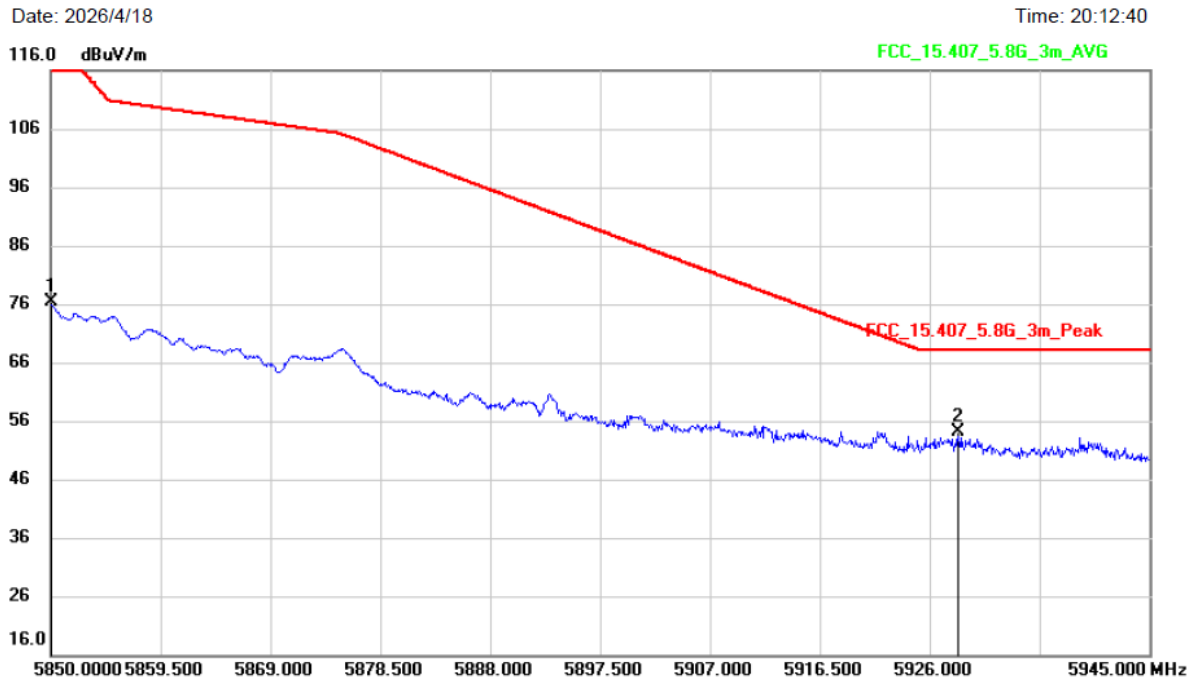
Time: 20:20:17



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	51.40	5.04	56.44	122.20	-65.76	peak	
2	*	5935.215	41.26	5.11	46.37	68.20	-21.83	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 n(HT40) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	71.38	5.04	76.42	122.20	-45.78	peak
2	*	5928.470	49.14	5.11	54.25	68.20	-13.95	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT20) / Low Channel / U-NII-3	Distance: 3m

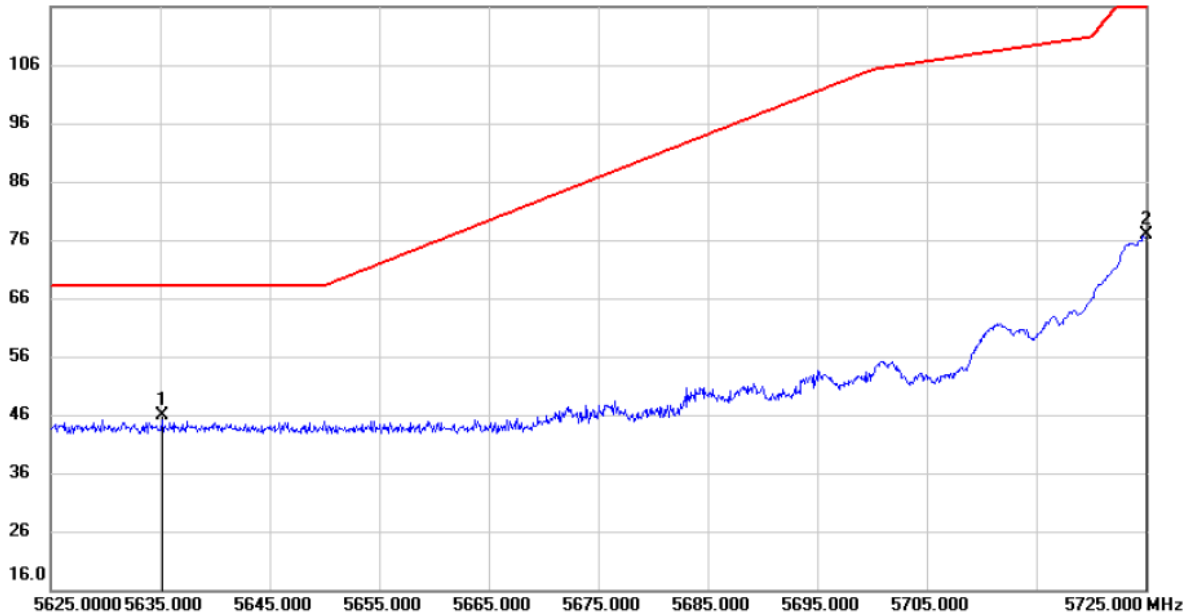
Radiated Emission Measurement

Date: 2026/4/18

Time: 19:50:09

116.0 dBuV/m

FCC153007530630PAMS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	*	5635.200	41.08	4.75	45.83	68.20	-22.37	peak	
2		5725.000	71.92	4.92	76.84	122.20	-45.36	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT20) / Low Channel / U-NII-3	Distance: 3m

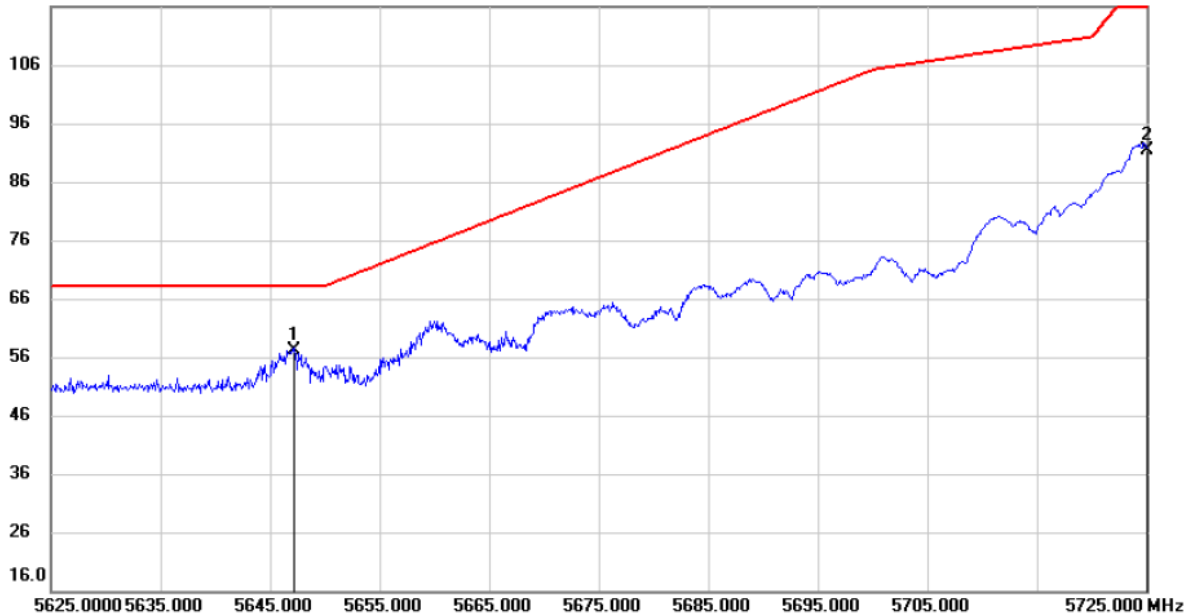
Radiated Emission Measurement

Date: 2026/4/18

Time: 19:42:25

116.0 dBuV/m

FCC1500753063mPA15



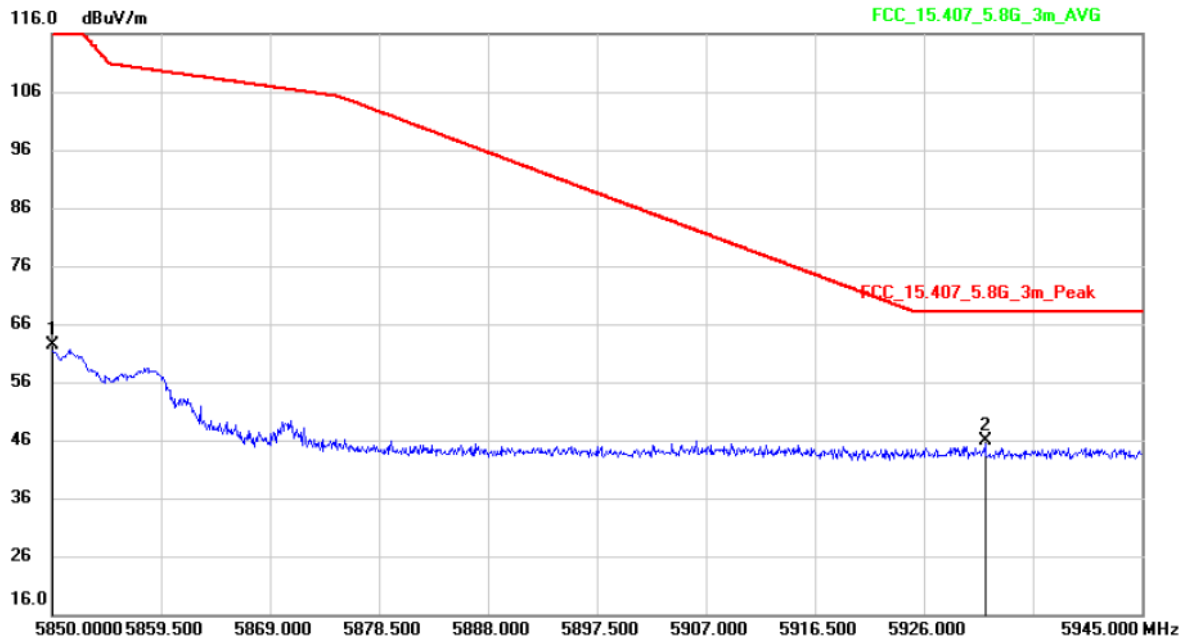
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	*	5647.200	52.47	4.78	57.25	68.20	-10.95	peak	
2		5725.000	86.45	4.92	91.37	122.20	-30.83	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT20) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 19:57:04



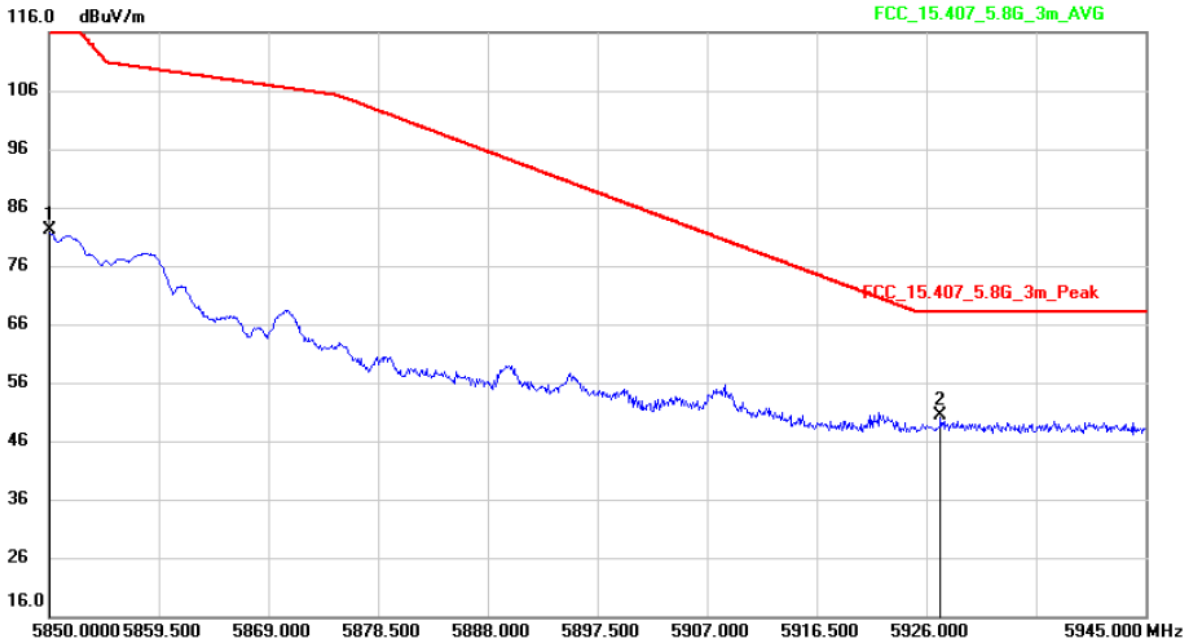
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	57.28	5.04	62.32	122.20	-59.88	peak
2	*	5931.320	40.89	5.11	46.00	68.20	-22.20	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT20) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 20:05:10



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		5850.000	77.16	5.04	82.20	122.20	-40.00	peak	
2	*	5927.235	45.20	5.10	50.30	68.20	-17.90	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT40) / Low Channel / U-NII-3	Distance: 3m

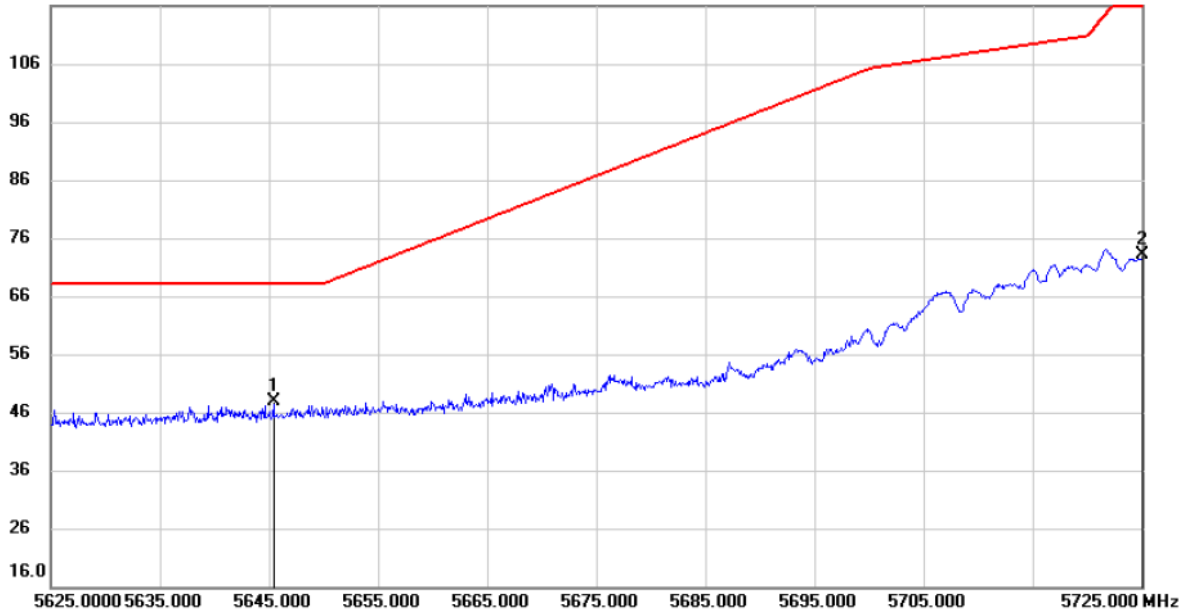
Radiated Emission Measurement

Date: 2026/4/18

Time: 20:50:43

116.0 dBuV/m

FCC1515.405.30630.446



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5645.400	43.22	4.78	48.00	68.20	-20.20	peak	
2		5725.000	68.20	4.92	73.12	122.20	-49.08	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT40) / Low Channel / U-NII-3	Distance: 3m

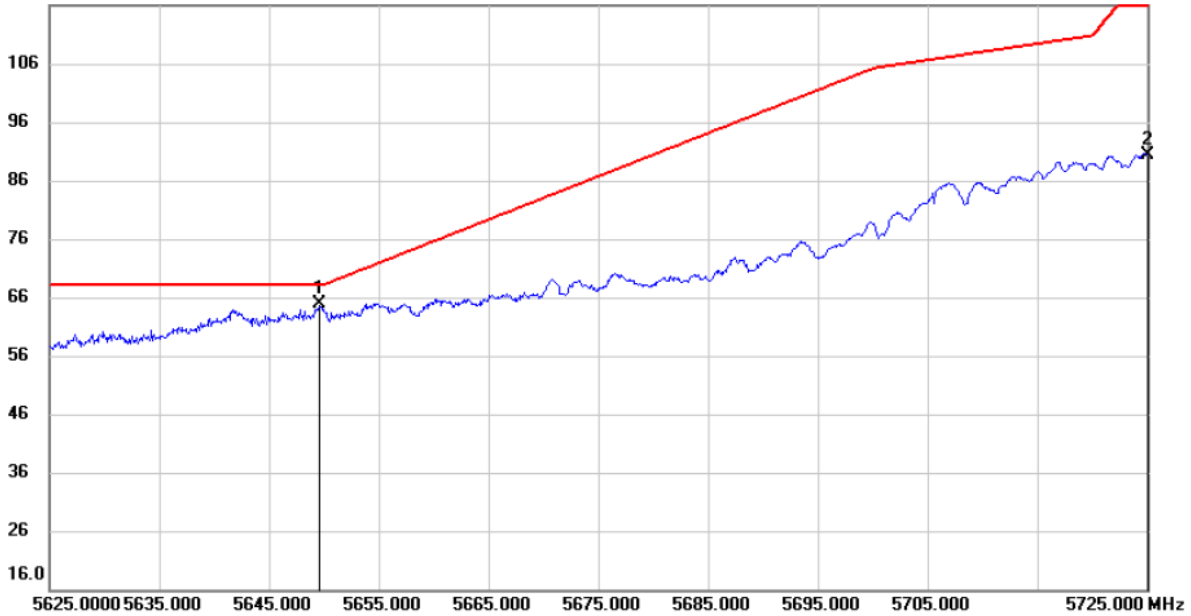
Radiated Emission Measurement

Date: 2026/4/18

Time: 20:42:03

116.0 dBuV/m

FCC15107530630 PAMS



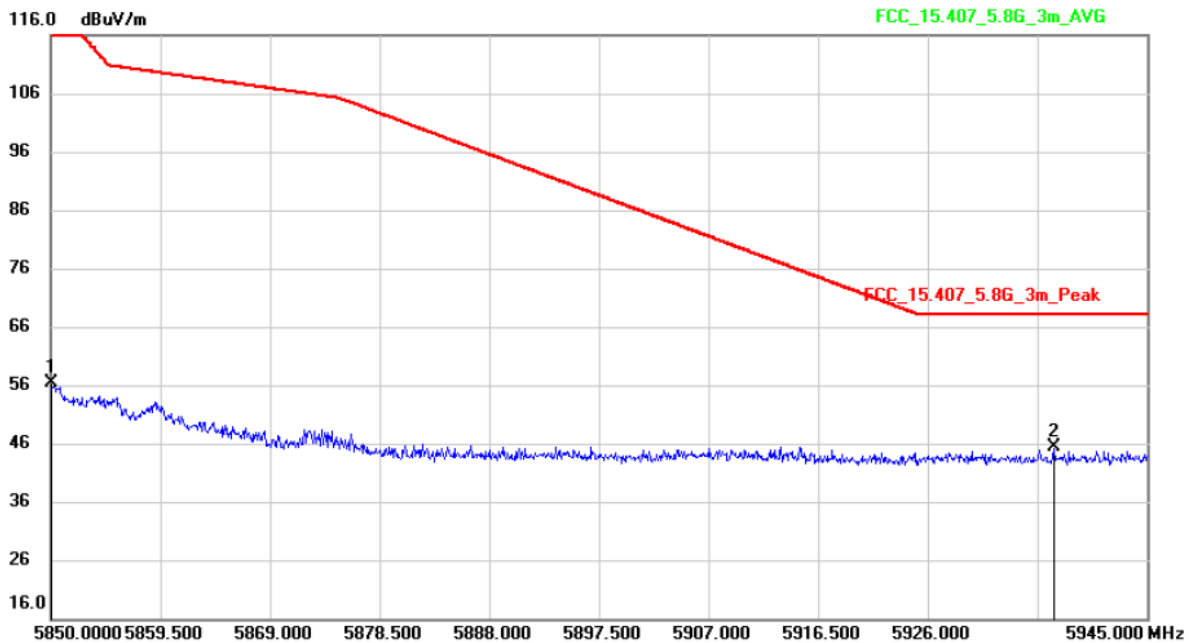
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	*	5649.600	60.02	4.78	64.80	68.20	-3.40	peak	
2		5725.000	85.58	4.92	90.50	122.20	-31.70	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT40) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 20:57:17



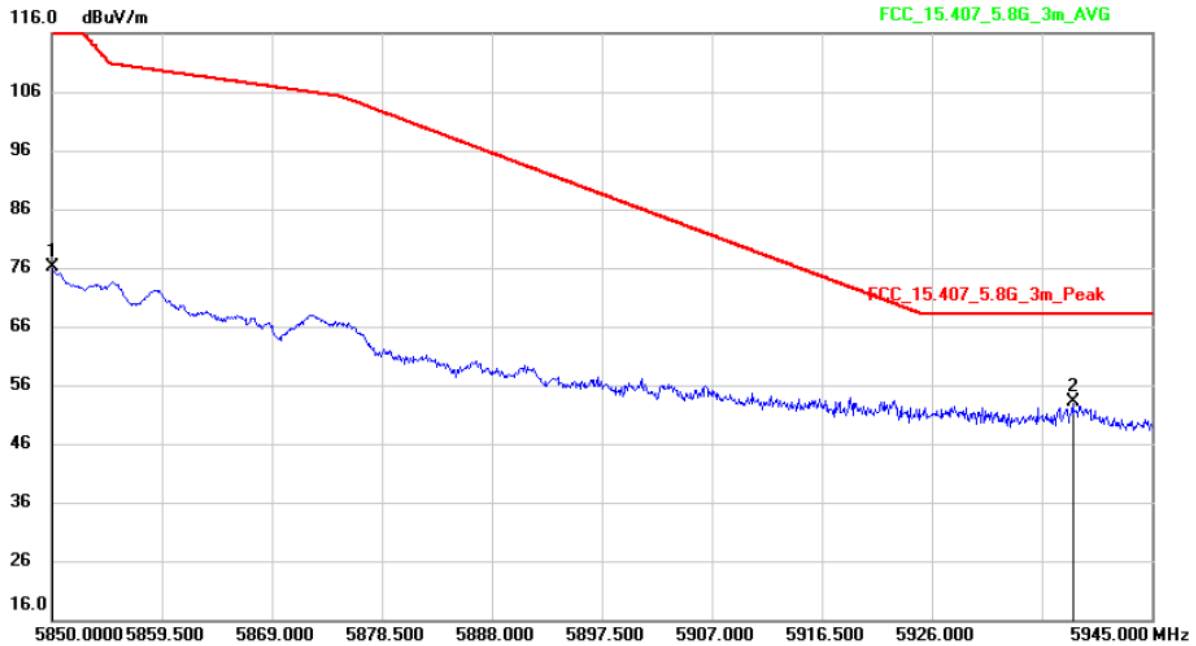
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	51.44	5.04	56.48	122.20	-65.72	peak
2	*	5936.925	40.21	5.11	45.32	68.20	-22.88	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT40) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 21:04:58



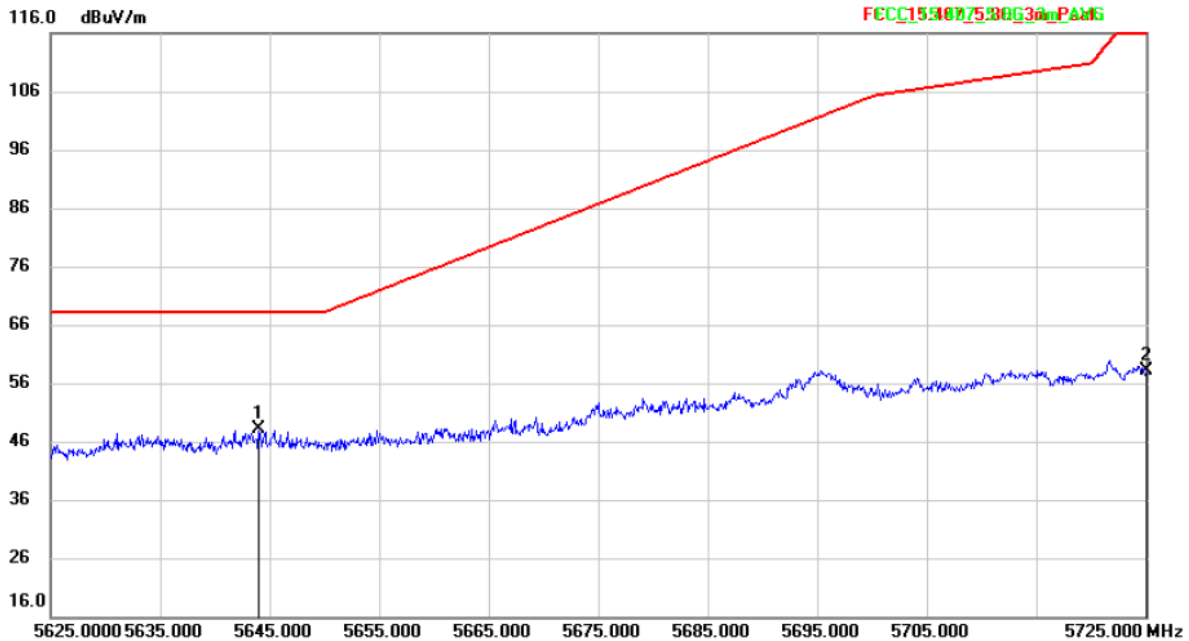
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	71.08	5.04	76.12	122.20	-46.08	peak	
2	*	5938.160	47.93	5.11	53.04	68.20	-15.16	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT80) / Low Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 21:25:20



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5644.000	43.38	4.78	48.16	68.20	-20.04	peak	
2		5725.000	53.11	4.92	58.03	122.20	-64.17	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11ac(VHT80) / Low Channel / U-NII-3	Distance: 3m

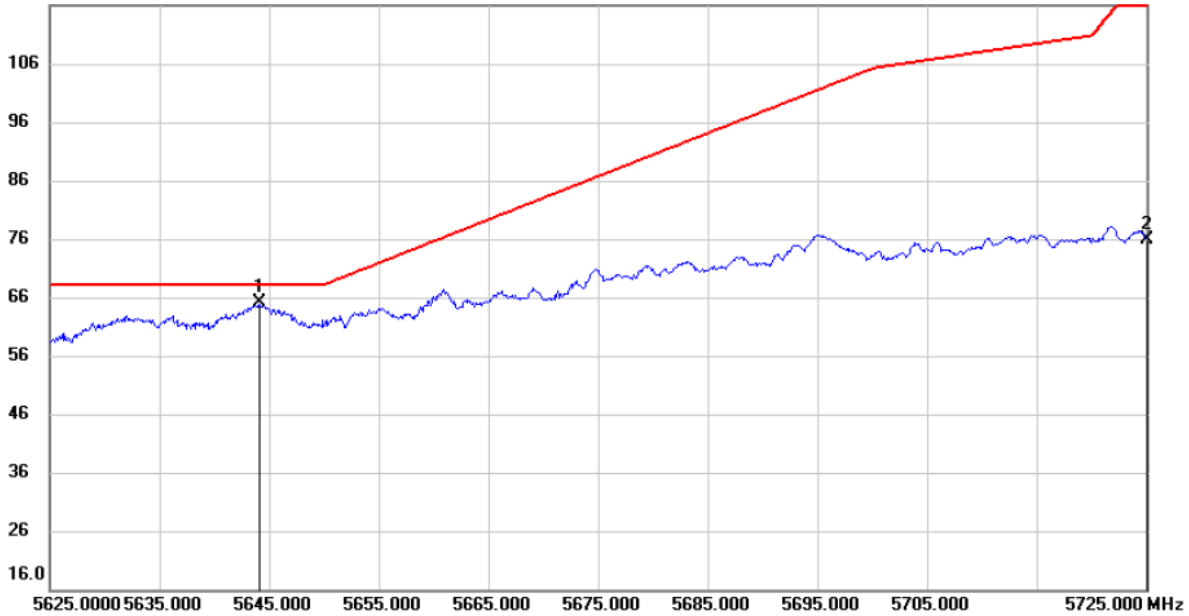
Radiated Emission Measurement

Date: 2026/4/18

Time: 21:33:52

116.0 dBuV/m

FCC1510753063mPA15



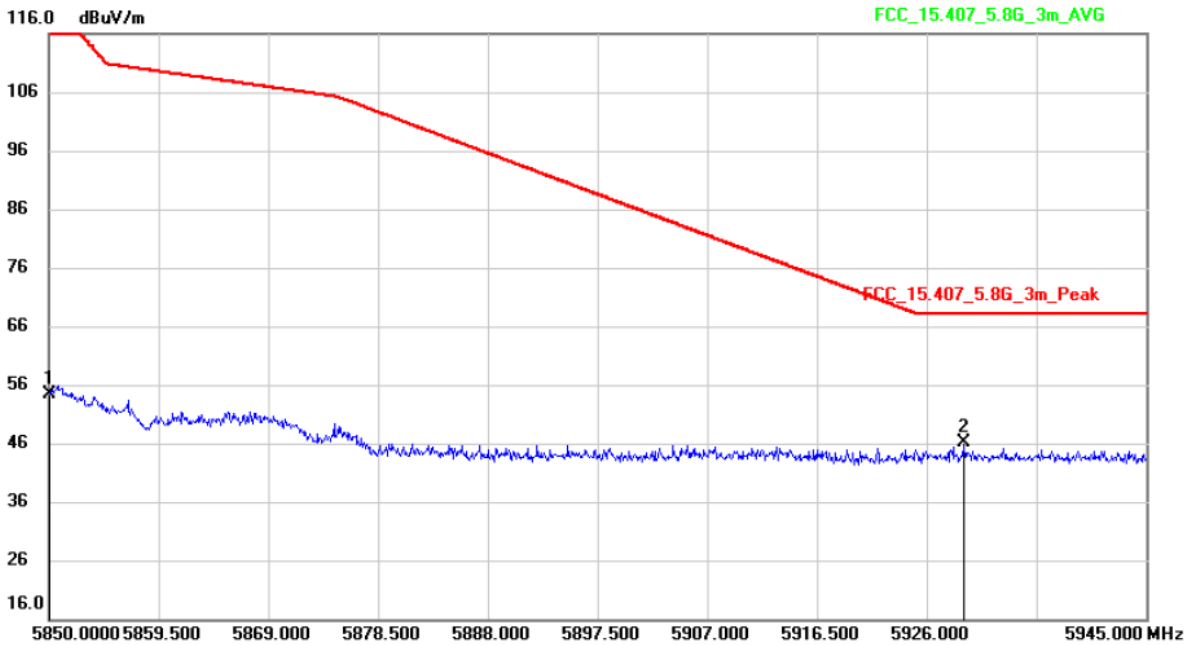
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	*	5644.100	60.26	4.78	65.04	68.20	-3.16	peak	
2		5725.000	71.08	4.92	76.00	122.20	-46.20	peak	

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Horizontal	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT80) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 21:18:00



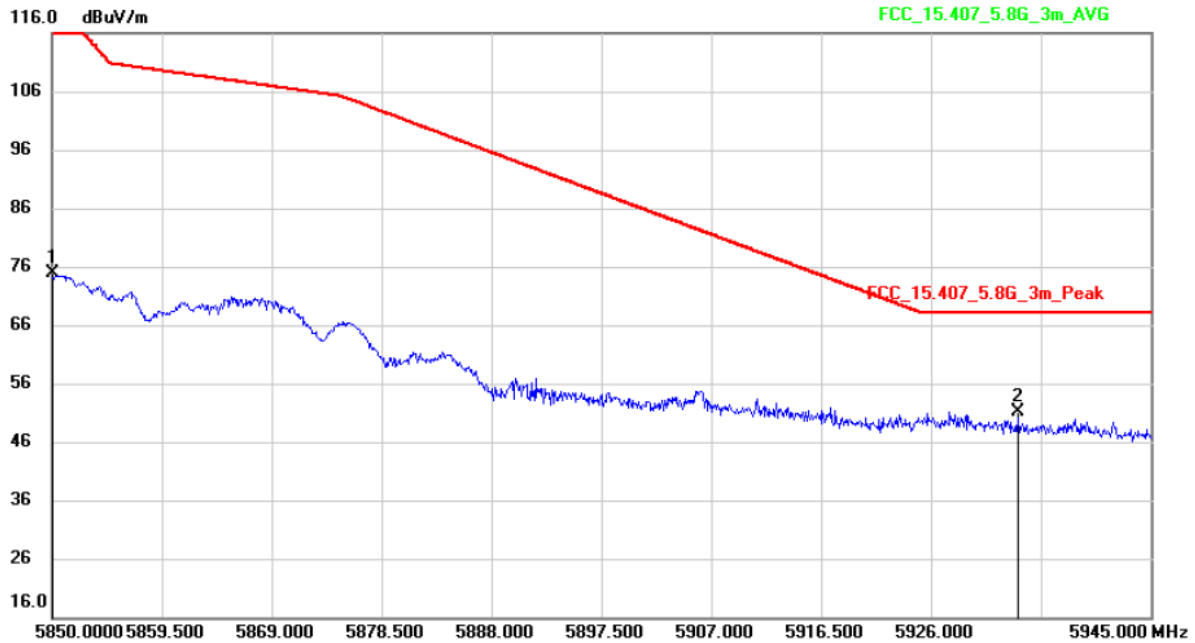
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		5850.000	49.29	5.04	54.33	122.20	-67.87	peak
2	*	5929.230	40.91	5.11	46.02	68.20	-22.18	peak

M/N: iDSD PHANTOM	Testing Voltage: AC 120V / 60Hz
Polarization: Vertical	Detector: Peak
Test Mode: Band Edge IEEE 802.11 ac(VHT80) / High Channel / U-NII-3	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/18

Time: 21:11:24



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		5850.000	69.96	5.04	75.00	122.20	-47.20	peak	
2	*	5933.505	45.91	5.11	51.02	68.20	-17.18	peak	

14.9 Dynamic Frequency Selection

List of Measurement and Examinations

EUT Operational mode:

DFS Operational mode	Operating Frequency Range	
	U-NII-2A	U-NII-2C
Slave without radar Interference detection function	√	√

Devices with radar detection

Maximum Transmit Power	Value (See Note 1 and 2)
≥200 mw	-64 dBm
EIRP < 200 mw and power spectral density < 10 dBm/MHz	-62 dBm
E IRP < 200 mw that do not meet the power spectral density requirement	-64 dBm
Note: 1. This is the level at the input of the receiver assuming a 0 dBi receive antenna. 2. Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Applicability of DFS requirements prior to use of a channel

Requirement Radar	Operational Mode		
	Master	Client without Radar Detection	Client with Radar Detection
Non-Occupancy Period	√	Not required	Yes
DFS Detection Threshold	√	Not required	Yes
Channel Availability Check Time	√	Not required	Not Required
U-NII Detection Bandwidth	√	Not required	Yes
Note: Regarding KDB 905462 D03 Client Without DFS New Rules section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non- occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.			

Applicability of DFS requirements during normal operation

Requirement Radar	Operational Mode		
	Master	Client without Radar Detecon	Client with Radar Detection
DFS Detection Threshold	√	Not required	Yes
Channel Closing Transmission Time	√	Yes	Yes
Channel Move Time	√	Yes	Yes
U-NII Detection Bandwidth	√	Not required	Yes
Note: Regarding KDB 905462 D03 Client Without DFS New Rules section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non- occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.			
Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection		Client without radar detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be ested		Not required
Channel Move Time and Channel Closing Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available		Test using the widest Test using the widest BW mode available for the link
All other	Any single BW mode		Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.			

DFS Radar Signal Parameter Values:

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds (See Note 1)
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60ms over remaining 10 second period (See Notes 1 and 2)
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth (See Note 3.)
Note: - Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. - The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. - During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

DFS Radar Signal Parameter:

Radar Type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time

Table 1: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A, Test B	$\text{Roundup} \left\{ \left(\frac{1}{\left(\frac{360}{19 \cdot 10^6} \right) \cdot \text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a					
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A.					
Remark1: A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.					
Remark2: If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.					
Remark3: The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.					

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

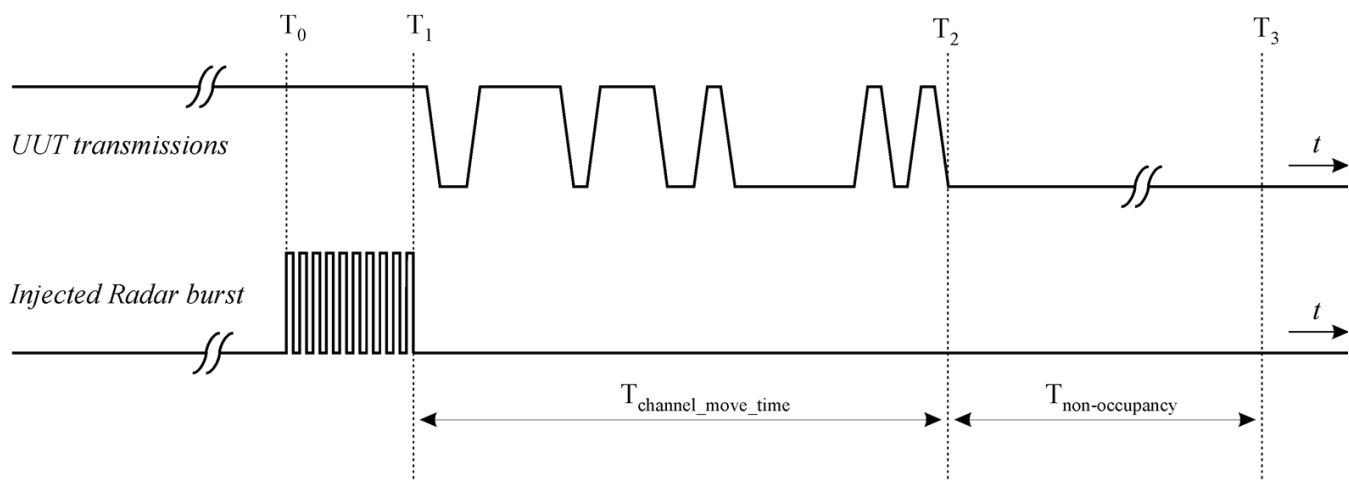
In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

Limit of In-Service Monitoring

Reference to DFS Radar Signal Parameter Values.

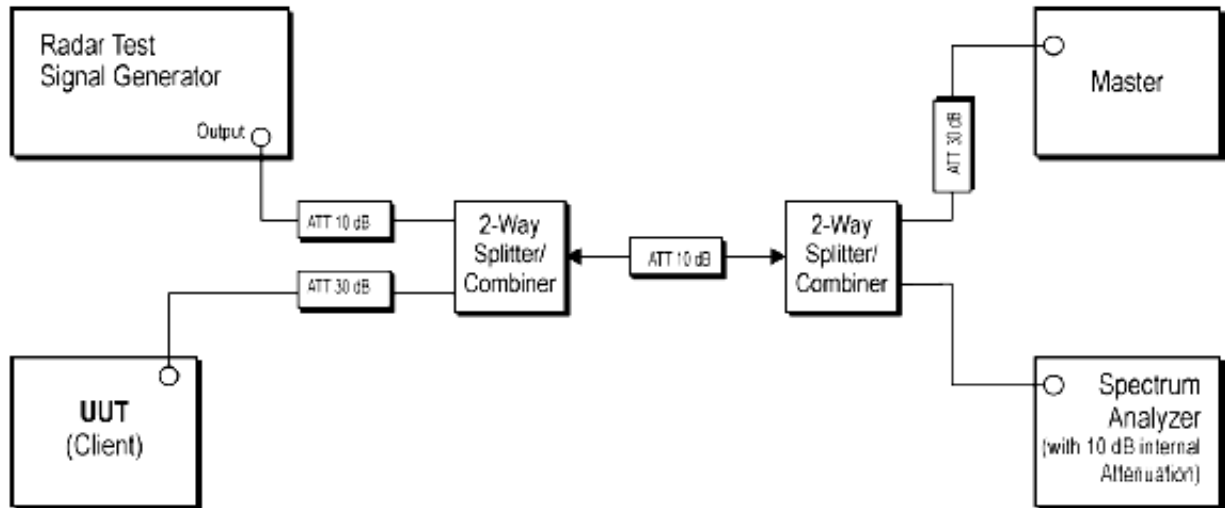
Test Procedures

1. One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
2. In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
3. The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
4. Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
5. At time T_0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.
7. When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T_2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period

Test Set-Up



Setup for Client with injection at the Master

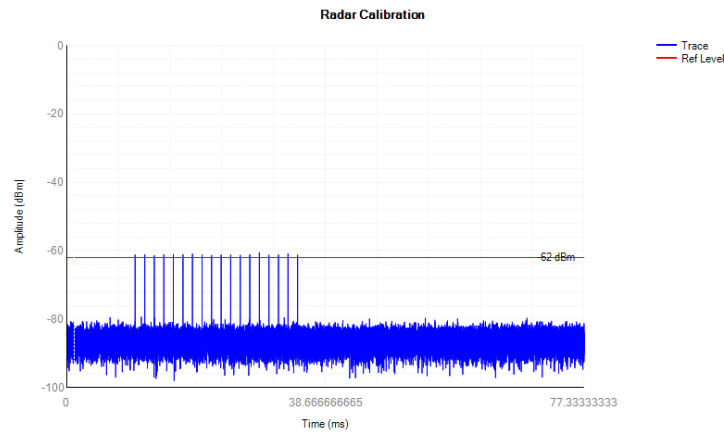
Measurement Results

Pass

Please refer to following plots of the worst case.

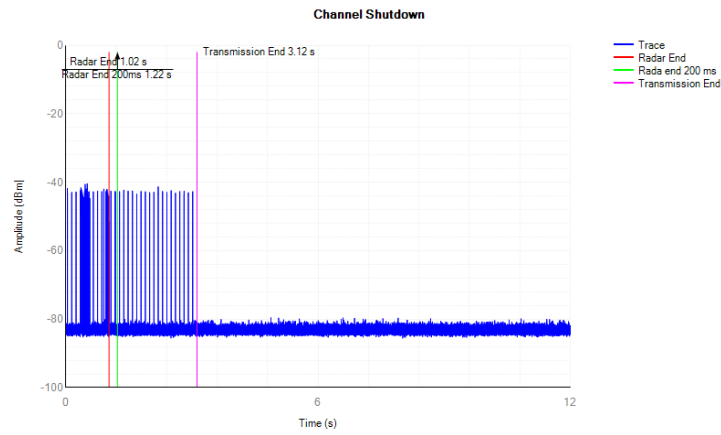
Channel	Test Item	Test Result	Limit	Pass/Fail
5290MHz	Channel Move Time	2.1 s	<10s	Pass
	Channel Closing Transmission Time	16 ms	<200+60ms	Pass
	Non-Occupancy Period	No transmission	30 minutes	Pass

Radar Waveform Calibration Plot – 5290MHz

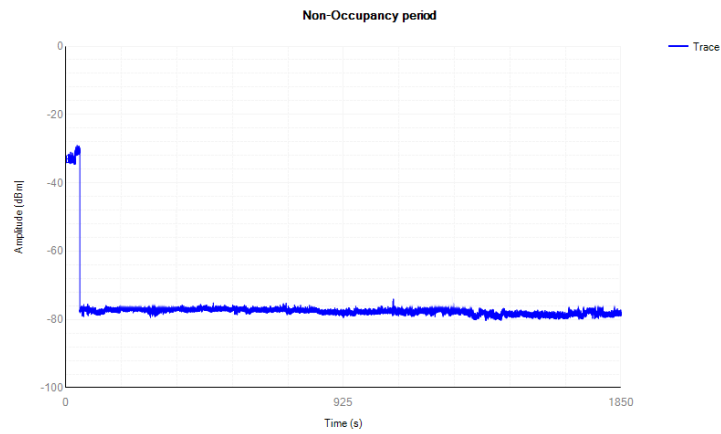


The Worst Case - 5290MHz

Channel Move Time & Channel Closing Transmission Time Plot

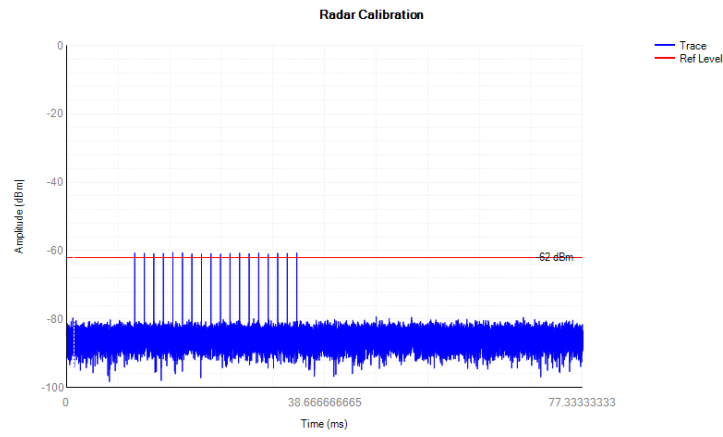


Non-Occupancy Period Plot



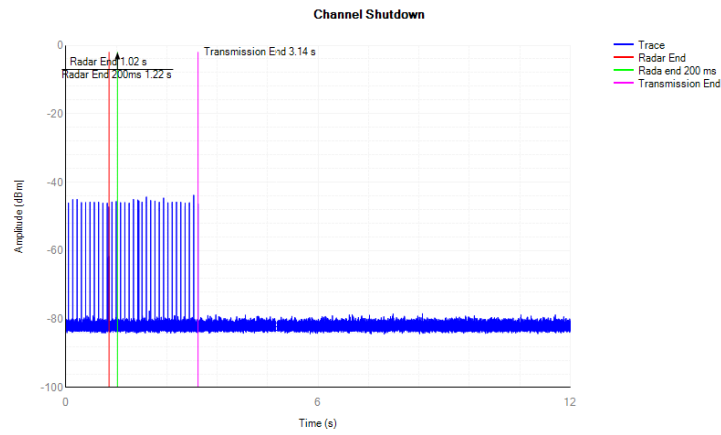
Channel	Test Item	Test Result	Limit	Pass/Fail
5530MHz	Channel Move Time	2.12 s	< 10s	Pass
	Channel Closing Transmission Time	15.9 ms	< 200+60ms	Pass
	Non-Occupancy Period	No transmission	30 minutes	Pass

Radar Waveform Calibration Plot –5530MHz

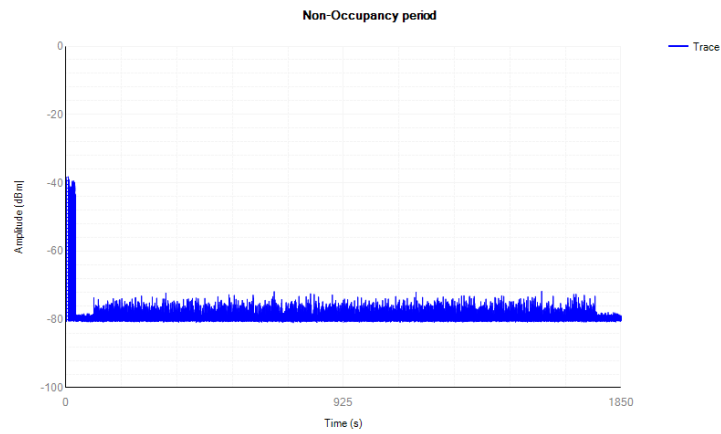


The Worst Case - 5530MHz

Channel Move Time & Channel Closing Transmission Time Plot



Non-Occupancy Period Plot



14.10 Antenna Requirement

STANDARD APPLICABLE

According to of FCC part 15C section 15.203:

furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section 15.203 of the rules.

And according to 47 CFR section 15.407(a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

ANTENNA CONNECTED CONSTRUCTION

The antenna is Dipole antenna that no antenna other than furnished by the responsible party shall be used with the device, and the best case gain of the antenna is 4.64dBi, Therefore, the antenna is considered to meet the requirement.

15. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI	101152	Aug. 21, 2025	1 Year
2.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Aug. 21, 2025	1 Year
3.	L.I.S.N	Schwarzbeck	NNLK8129	00558	Aug. 23, 2025	1 Year
4.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Aug. 21, 2025	1 Year
5.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Aug. 21, 2025	1 Year
6.	Spectrum Analyzer	Keysight	N9020A	MY50510314	Aug. 21, 2025	1 Year
7.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Aug. 22, 2025	1 Year
8.	Spectrum Analyzer	Keysight	N9010B	MY62170254	Aug. 21, 2025	1 Year
9.	Antenna	Schwarzbeck	VULB9163	01552	Aug. 16, 2025	2 Year
10.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Aug. 16, 2025	2 Year
11.	Horn Antenna	COM-Power	AH-118	071078	Aug. 16, 2025	2 Year
12.	Pre-Amplifier	HP	HP 8447D	1145A00203	Aug. 21, 2025	1 Year
13.	Pre-Amplifier	HP	HP 8449B	3008A00964	Aug. 23, 2025	1 Year
14.	Communication Tester	Rohde & Schwarz	CMW500	109851	Aug. 28, 2025	1 Year
15.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Aug. 28, 2025	1 Year
16.	Horn Antenna	COM-Power	AH-840	10100020	Aug. 28, 2025	2 Year
17.	Temperature & Humidity Chamber	Wanshun	SS-HWHS-80	N/A	Aug. 09, 2025	1 Year
18.	DC Source	ZHAOXIN	KXN305D	N/A	Aug. 23, 2025	1 Year
19.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
20.	Chamber	YIHENG	9*6*6m	N/A	Sep. 22, 2025	2 Year
21.	Test Software	MWRF	MTS 8310, V2.0.0.0	N/A	N/A	N/A
22.	Test Software	EZ	EZ EMC, NTC-3A1.1	N/A	N/A	N/A
23.	RF Attenuator	COM-MW	DA8-102-0-26.5 G-4117	N/A	N/A	N/A
24.	Filter	Micro-Tronics	HPM50112	N/A	N/A	N/A

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.

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