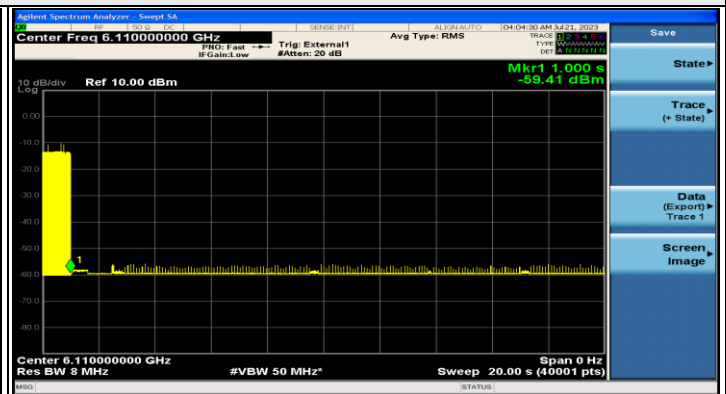


Plots of EUT ceased transmission in the time domain



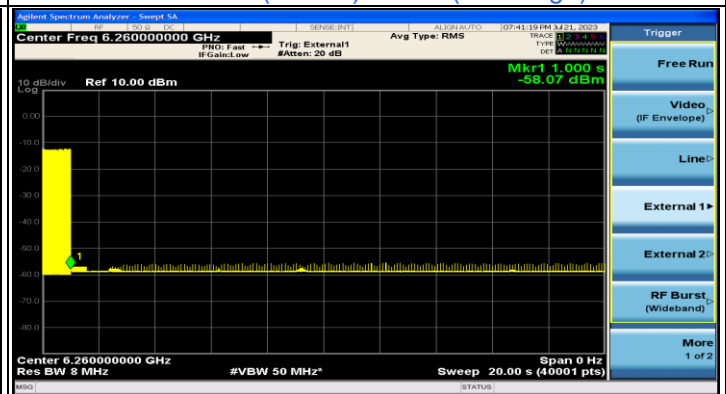
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



802.11ax (HE160) / CH47(Middle)



802.11ax (HE160) / CH47(High Edge)

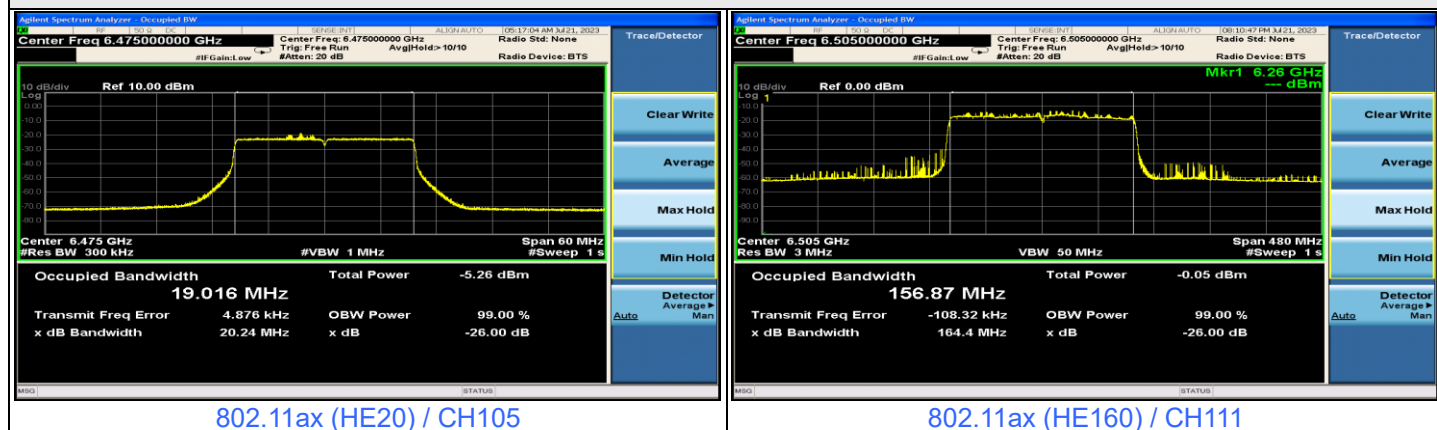
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	105	6475	6475	-65.3	4.7	0	-70	-62	OFF
					-70.3	4.7	0	-75	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
	160	111	6430	6430	-64.3	4.7	0	-69	-62	OFF
					-70.3	4.7	0	-75	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
		111	6505	6505	-64.3	4.7	0	-69	-62	OFF
					-70.3	4.7	0	-75	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
		111	6580	6580	-64.3	4.7	0	-69	-62	OFF
					-70.3	4.7	0	-75	-62	Minimal
					-77.3	4.7	0	-82	-62	ON

Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 3) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform



The figure displays two side-by-side screenshots of a software-defined radio (SDR) interface, showing the power spectral density (PSD) of a received signal. Both screenshots show a yellow trace on a grid, with a reference level at -30.00 dBm.

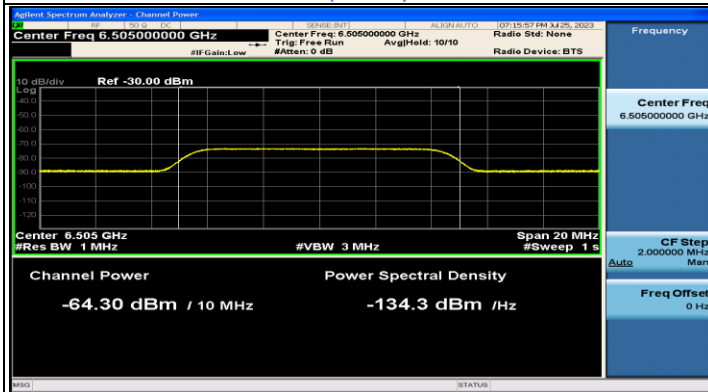
Left Screenshot (6.475 GHz):

- Center Freq:** 6.475000000 GHz
- Channel Power:** -65.30 dBm / 10 MHz
- Power Spectral Density:** -135.3 dBm / Hz
- Resolution Bandwidth (Res BW):** 1 MHz
- Sweep Rate:** 1 s
- Frequency Offset:** 0 Hz

Right Screenshot (6.430 GHz):

- Center Freq:** 6.430000000 GHz
- Channel Power:** -64.30 dBm / 10 MHz
- Power Spectral Density:** -134.3 dBm / Hz
- Resolution Bandwidth (Res BW):** 1 MHz
- Sweep Rate:** 1 s
- Frequency Offset:** 0 Hz

802.11ax (HE160) / CH111(Low Edge)



Agilent Spectrum Analyzer - Channel Power

Center Freq 6.580000000 GHz

Ref -30.00 dBm

Span 20 MHz

Res BW 1 MHz

#VBW 3 MHz

#Sweep 1 s

Channel Power

-64.30 dBm / 10 MHz

Power Spectral Density

-134.3 dBm /Hz

802.11ax (HE160) / CH111(High Edge)

[illegible]

802.11ax (HE160) / CH111(Low Edge)



Agilent Spectrum Analyzer - Model SA

Center Freq 6.580000000 GHz

Trig: External1

Avg Type: RMS

Mkr1 1.000 s
-50.40 dBm

10 dB/div Ref 10.00 dBm

Log

Center 6.580000000 GHz

Span 0 Hz

Res BW 8 MHz

#VBW 50 MHz*

Sweep 20.00 s (40001 pts)

More
1 of 2

Trigger

Free Run

Video (IF Envelope)

Line

External 1

External 2

RF Burst (Wideband)

802.11ax (HE160) / CH111(High Edge)

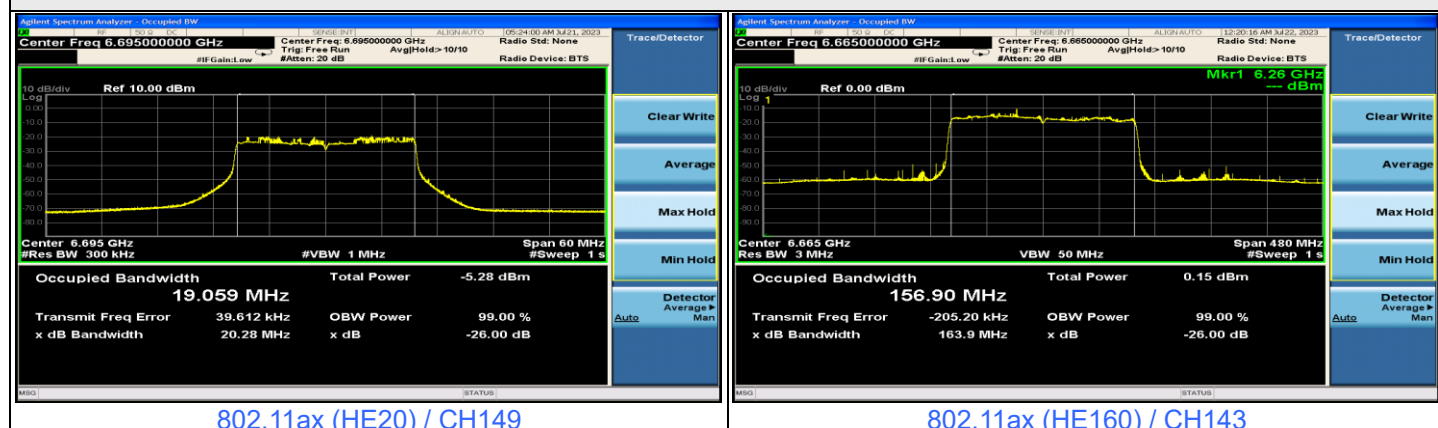
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-63.3	4.7	0	-68	-62	OFF
					-66.3	4.7	0	-71	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
	160	143	6665	6590	-62.3	4.7	0	-67	-62	OFF
					-65.3	4.7	0	-70	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
				6665	-62.3	4.7	0	-67	-62	OFF
					-65.3	4.7	0	-70	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
				6740	-62.3	4.7	0	-67	-62	OFF
					-65.3	4.7	0	-70	-62	Minimal
					-77.3	4.7	0	-82	-62	ON

Notes:

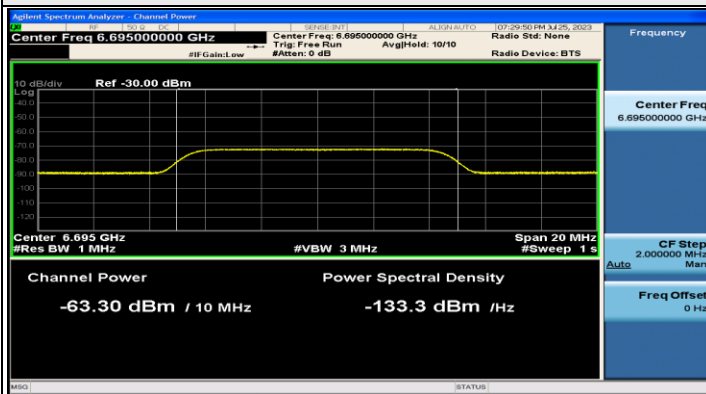
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 3) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability																
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result	
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	

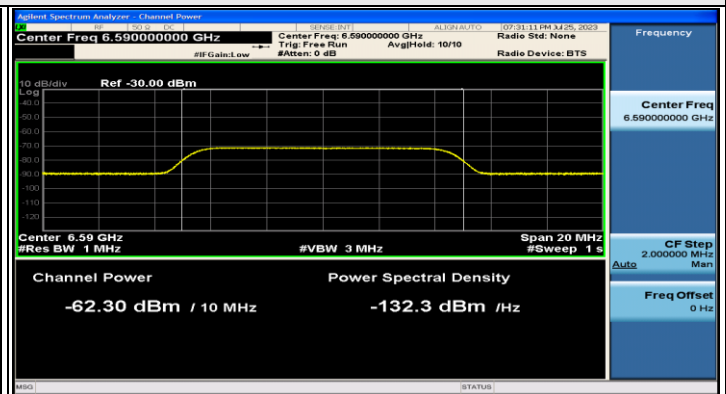
Plots of EUT Tx waveform



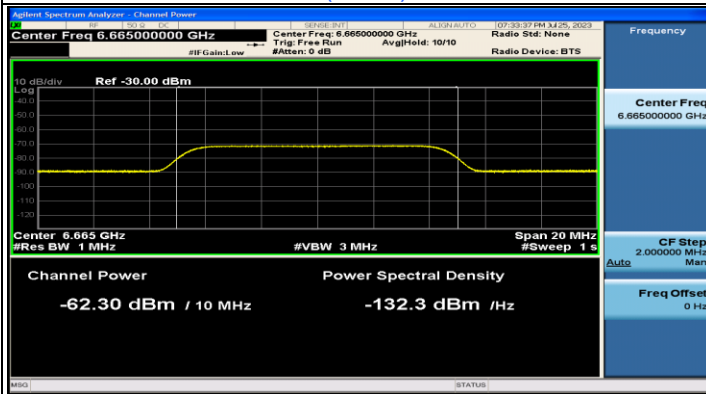
Plots of Injected signal (AWGN) level



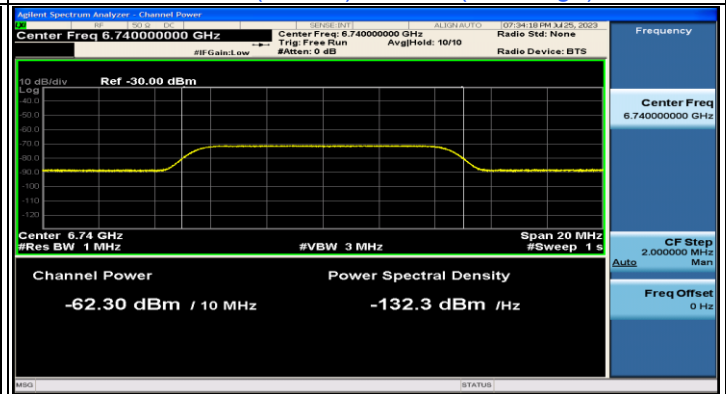
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)

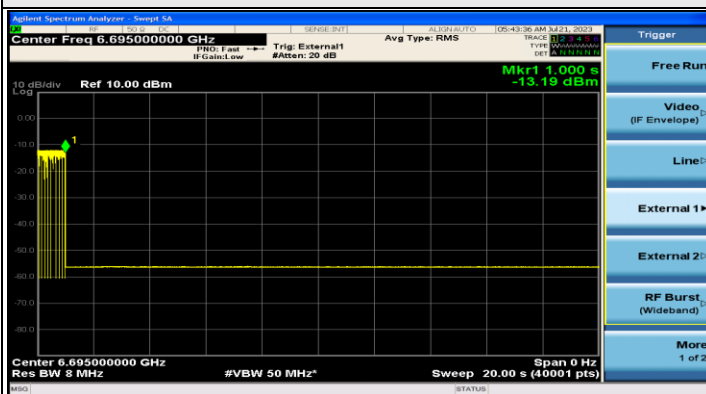


802.11ax (HE160) / CH143(Middle)

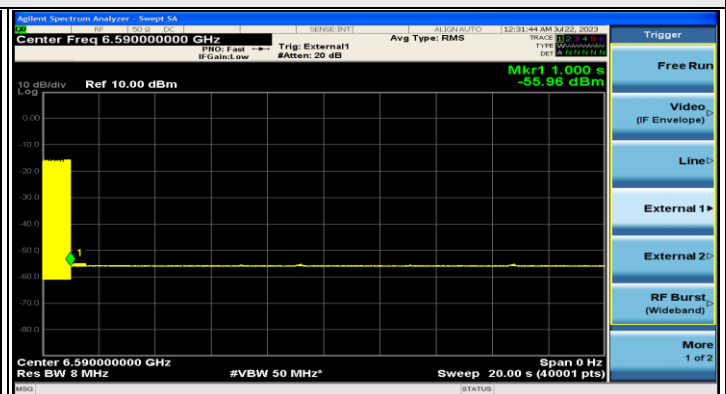


802.11ax (HE160) / CH143(High Edge)

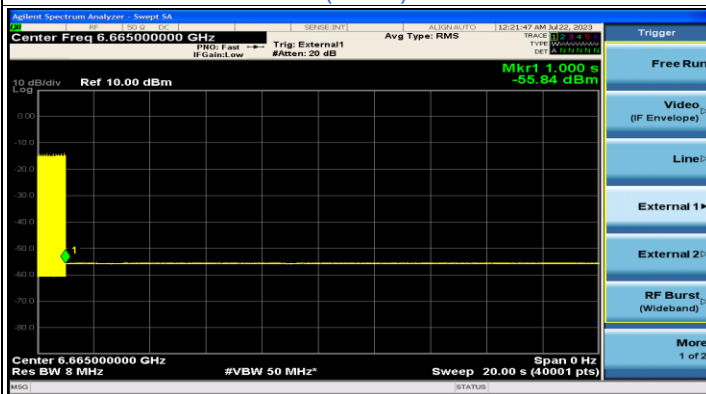
Plots of EUT ceased transmission in the time domain



802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)



802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

For U-NII-8

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-62.5	5	0	-67.5	-62	OFF
					-67.5	5	0	-72.5	-62	Minimal
					-77	5	0	-82	-62	ON
	160	207	6910	6910	-62	5	0	-67	-62	OFF
					-67	5	0	-72	-62	Minimal
					-77	5	0	-82	-62	ON
			6985	6985	-62	5	0	-67	-62	OFF
					-67	5	0	-72	-62	Minimal
					-77	5	0	-82	-62	ON
			7060	7060	-62	5	0	-67	-62	OFF
					-67	5	0	-72	-62	Minimal
					-77	5	0	-82	-62	ON

Notes:

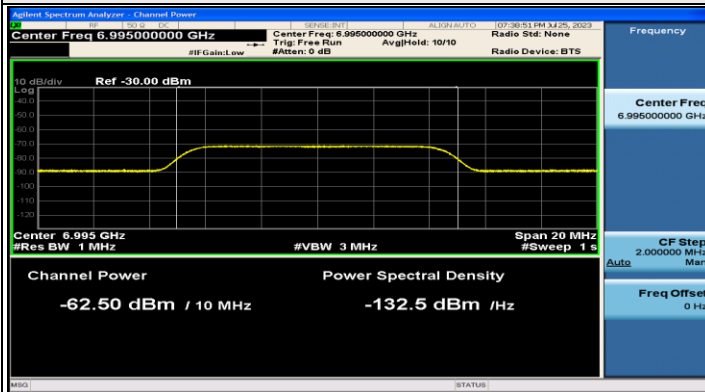
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 3) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

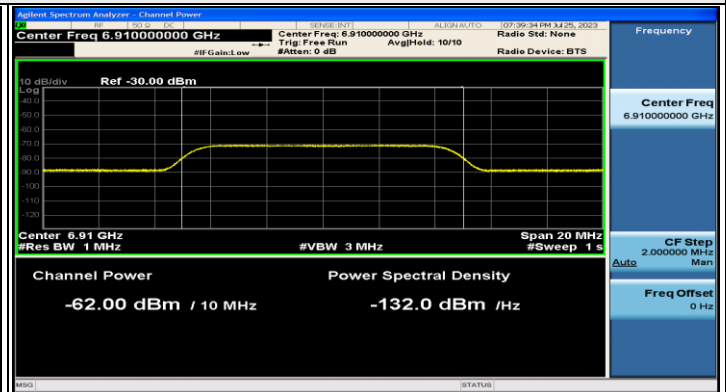
Plots of EUT Tx waveform



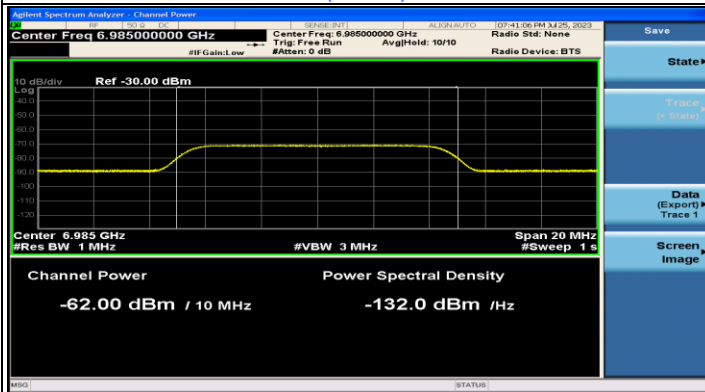
Plots of Injected signal (AWGN) level



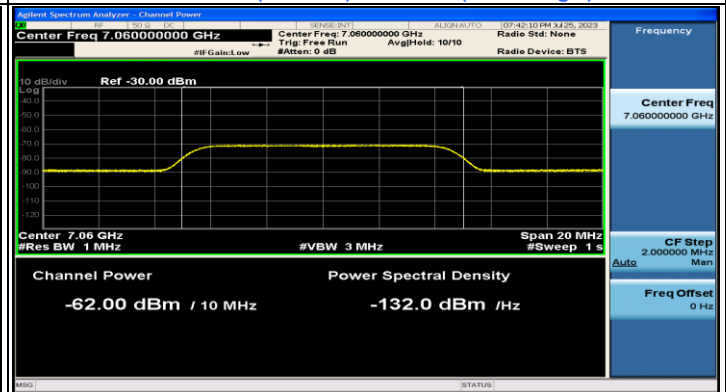
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)

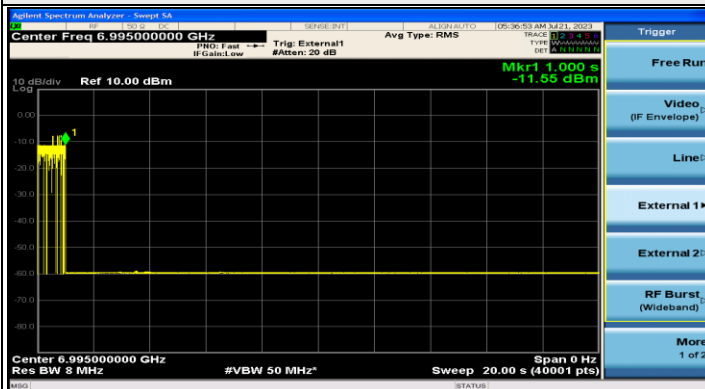


802.11ax (HE160) / CH207(Middle)

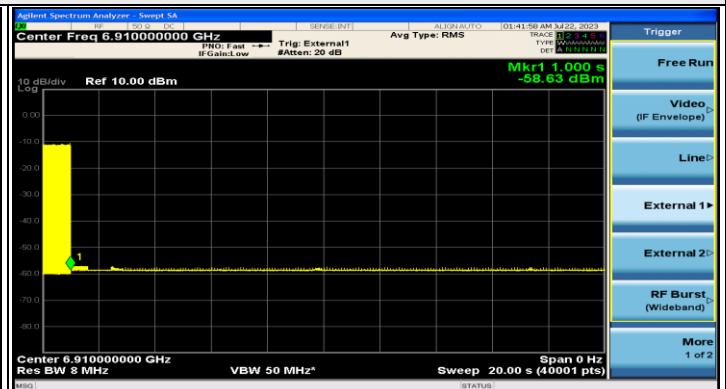


802.11ax (HE160) / CH207(High Edge)

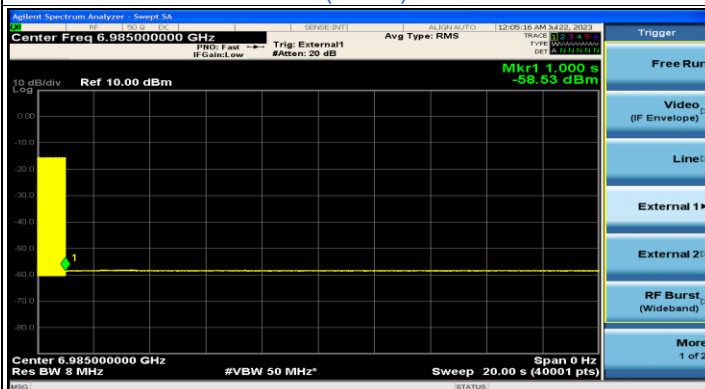
Plots of EUT ceased transmission in the time domain



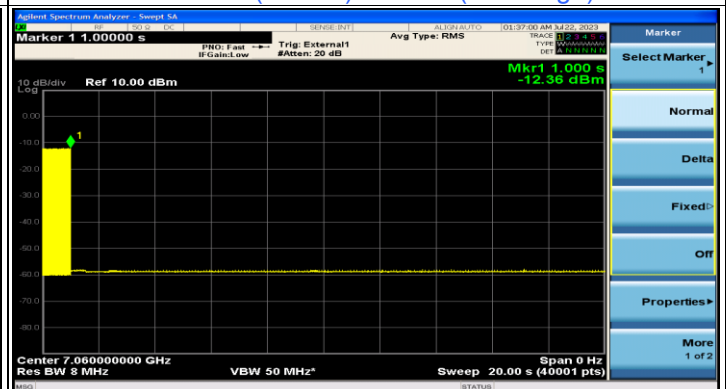
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)



802.11ax (HE160) / CH207(Middle)



802.11ax (HE160) / CH207(High Edge)

Environmental Conditions:	25°C, 60% RH	Tested By:	Stan Shih
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Mode B:

For U-NII-5

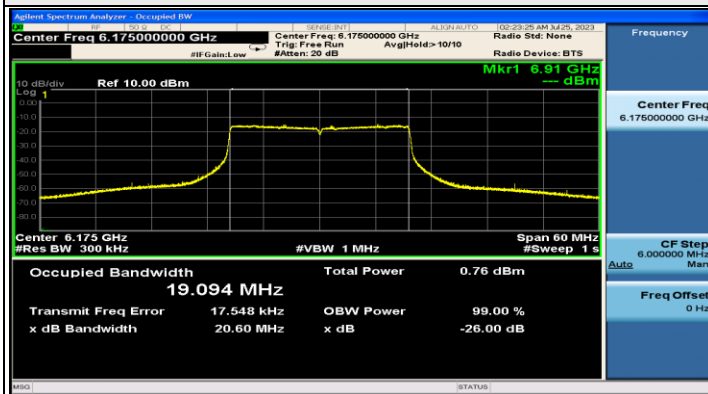
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	45	6175	6175	-62.2	5.8	0	-68	-62	OFF
					-66.2	5.8	0	-72	-62	Minimal
					-76.2	5.8	0	-82	-62	ON
	160	47	6185	6110	-58.2	5.8	0	-64	-62	OFF
					-64.2	5.8	0	-70	-62	Minimal
					-76.2	5.8	0	-82	-62	ON
				6185	-58.2	5.8	0	-64	-62	OFF
					-64.2	5.8	0	-70	-62	Minimal
					-76.2	5.8	0	-82	-62	ON
				6260	-58.2	5.8	0	-64	-62	OFF
					-64.2	5.8	0	-70	-62	Minimal
					-76.2	5.8	0	-82	-62	ON

Notes:

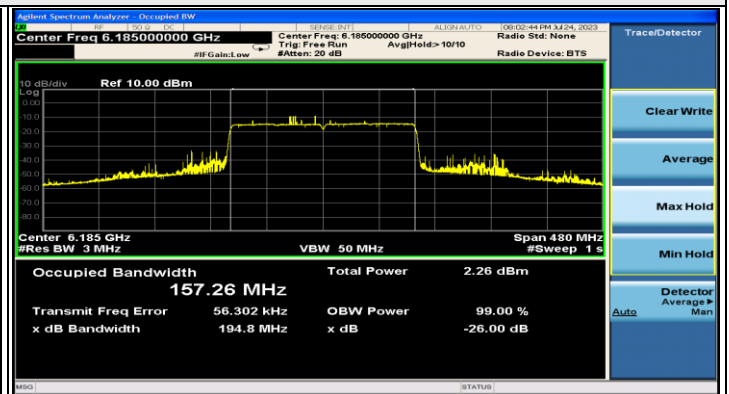
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6175	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6110	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6185	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6260	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

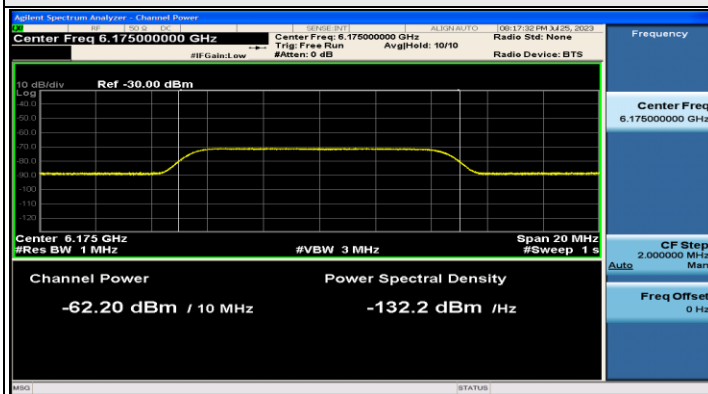


802.11ax (HE20) / CH45

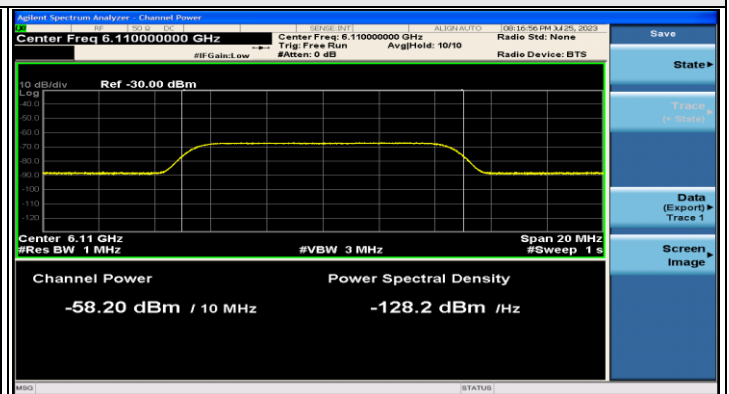


802.11ax (HE160) / CH47

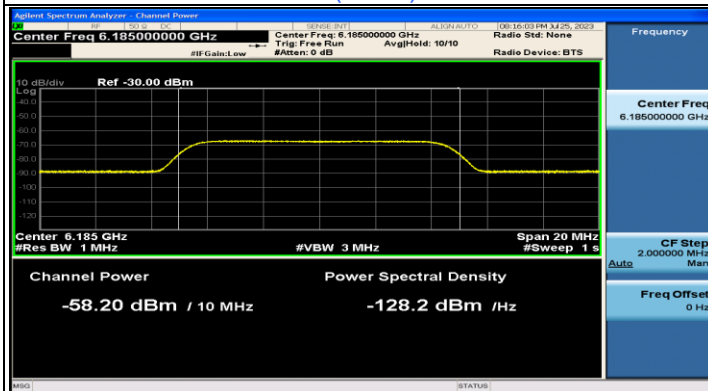
Plots of Injected signal (AWGN) level



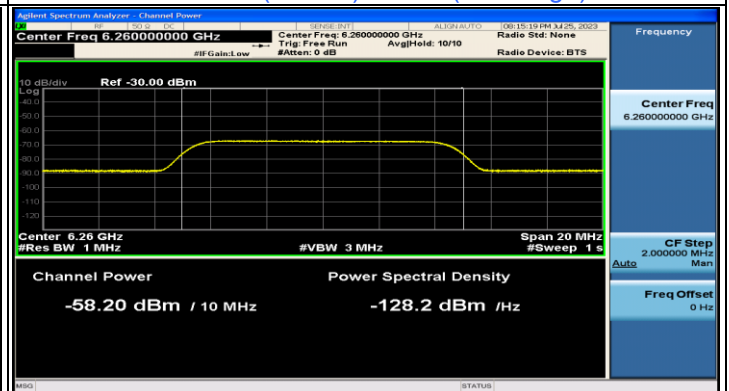
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



802.11ax (HE160) / CH47(Middle)

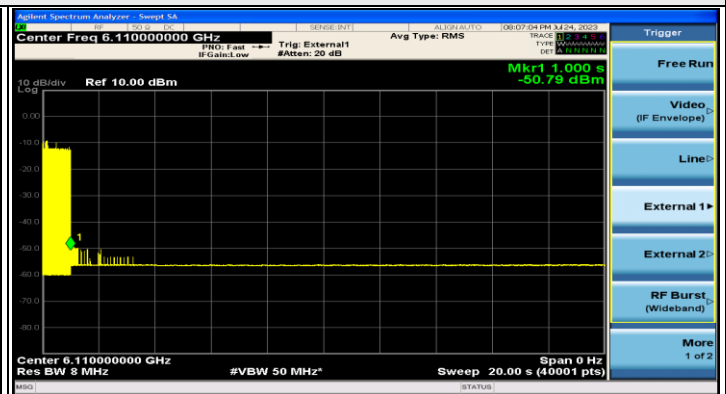


802.11ax (HE160) / CH47(High Edge)

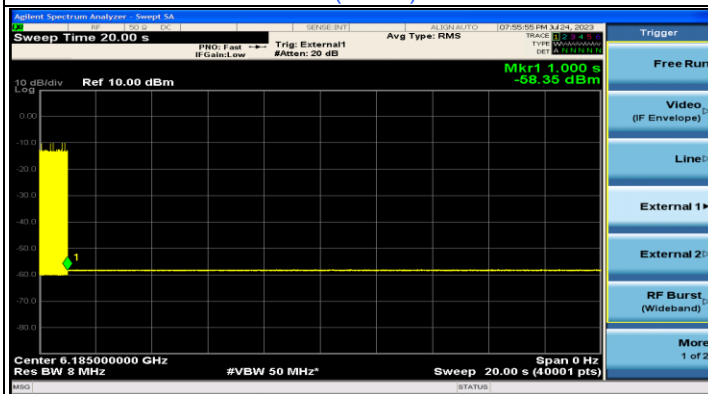
Plots of EUT ceased transmission in the time domain



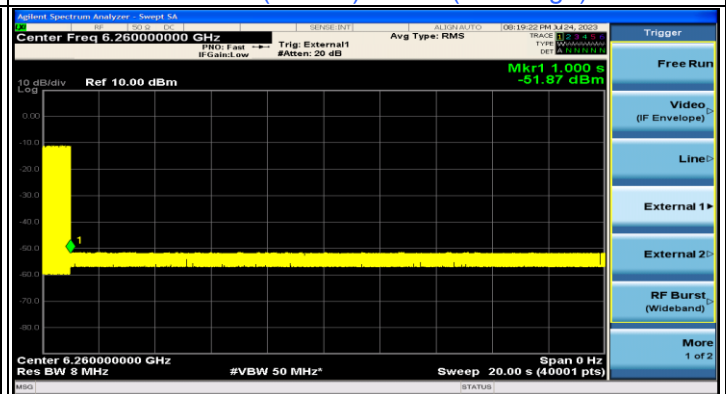
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



802.11ax (HE160) / CH47(Middle)



802.11ax (HE160) / CH47(High Edge)

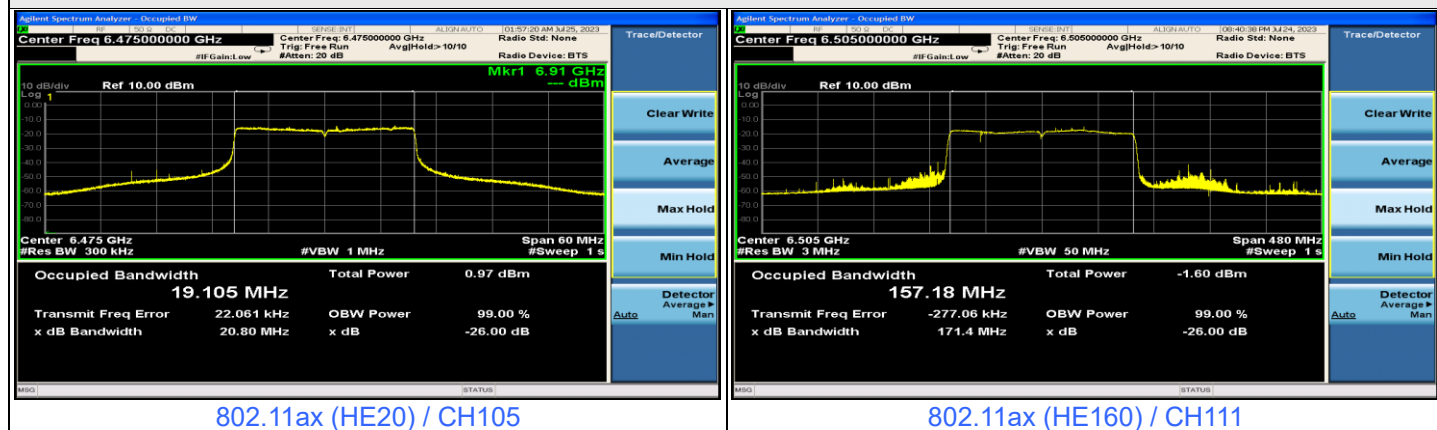
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	105	6475	6475	-60.5	5.5	0	-66	-62	OFF
					-64.5	5.5	0	-70	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
	160	111	6430	6430	-60	5.5	0	-65.5	-62	OFF
					-65	5.5	0	-70.5	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
			6505	6505	-58	5.5	0	-63.5	-62	OFF
					-65	5.5	0	-70.5	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
			6580	6580	-60	5.5	0	-65.5	-62	OFF
					-65	5.5	0	-70.5	-62	Minimal
					-76.5	5.5	0	-82	-62	ON

Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 1) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform



The figure displays two side-by-side screenshots of a Rohde & Schwarz Spectrum Analyzer interface, showing Power Spectral Density (PSD) plots for two different center frequencies.

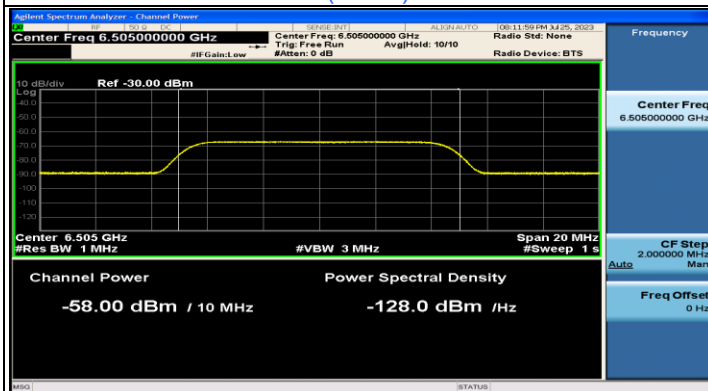
Left Screenshot (6.475 GHz):

- Center Freq:** 6.475000000 GHz
- Span:** 20 MHz
- Res BW:** 1 MHz
- CF Step:** 2.000000 MHz
- Channel Power:** -60.50 dBm / 10 MHz
- Power Spectral Density:** -130.5 dBm / Hz

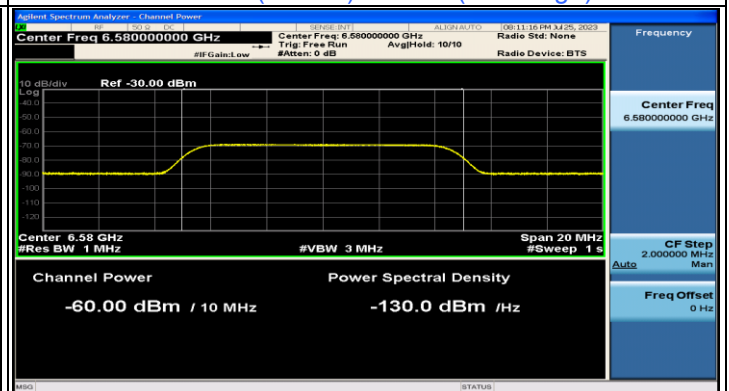
Right Screenshot (6.430 GHz):

- Center Freq:** 6.430000000 GHz
- Span:** 20 MHz
- Res BW:** 1 MHz
- CF Step:** 2.000000 MHz
- Channel Power:** -60.00 dBm / 10 MHz
- Power Spectral Density:** -130.0 dBm / Hz

802.11ax (HE160) / CH111(Low Edge)

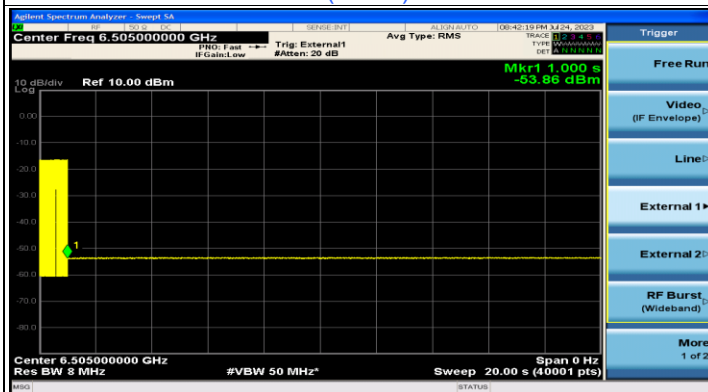


802.11ax (HE160) / CH111(Middle)

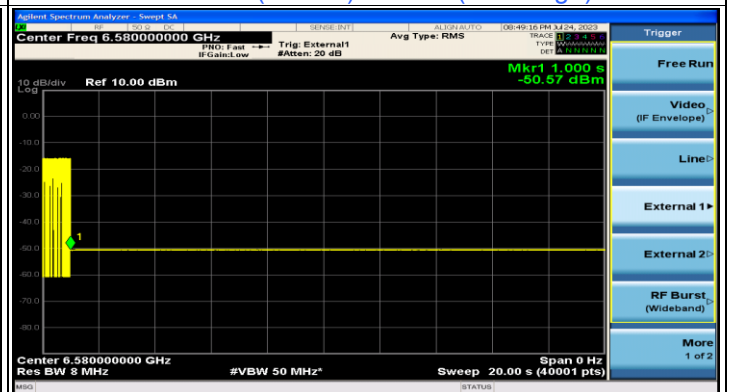


802.11ax (HE160) / CH111(High Edge)

802.11ax (HE160) / CH111(Low Edge)



802.11ax (HE160) / CH111(Middle)



802.11ax (HE160) / CH111(High Edge)

For U-NII-7

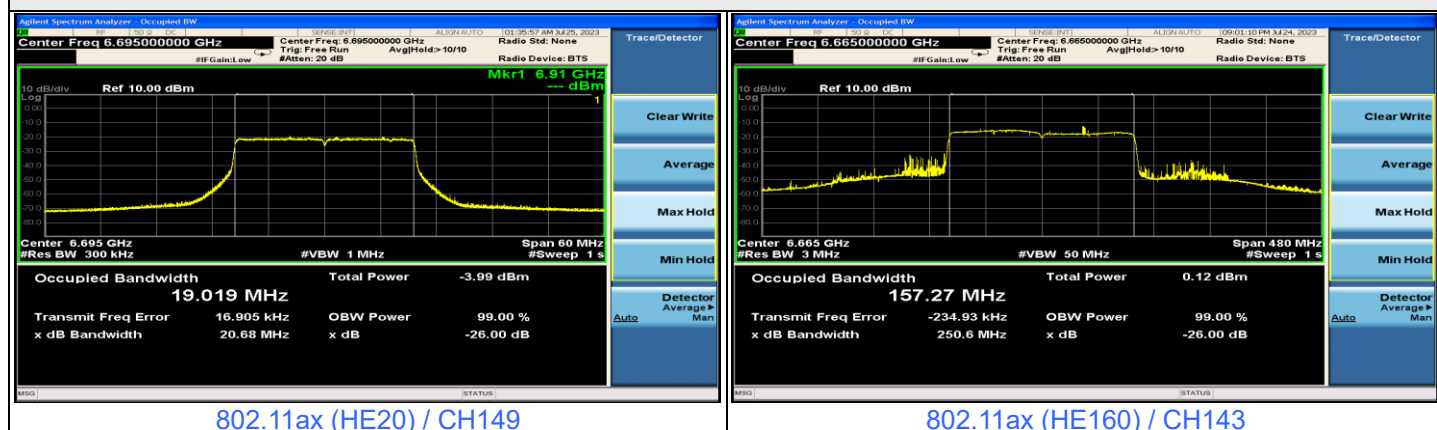
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-62.5	5.5	0	-68	-62	OFF
					-66.5	5.5	0	-72	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
	160	143	6665	6590	-57.5	5.5	0	-63	-62	OFF
					-63.5	5.5	0	-69	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
				6665	-58	5.5	0	-63.5	-62	OFF
					-63.5	5.5	0	-69	-62	Minimal
					-76.5	5.5	0	-82	-62	ON
				6740	-58	5.5	0	-63.5	-62	OFF
					-63.5	5.5	0	-69	-62	Minimal
					-76.5	5.5	0	-82	-62	ON

Notes:

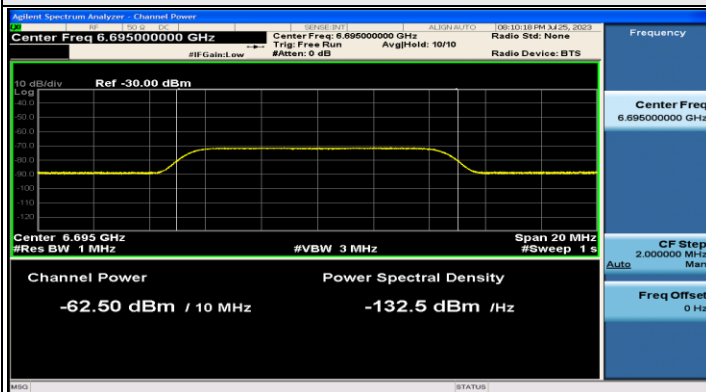
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 1) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability																
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result	
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	

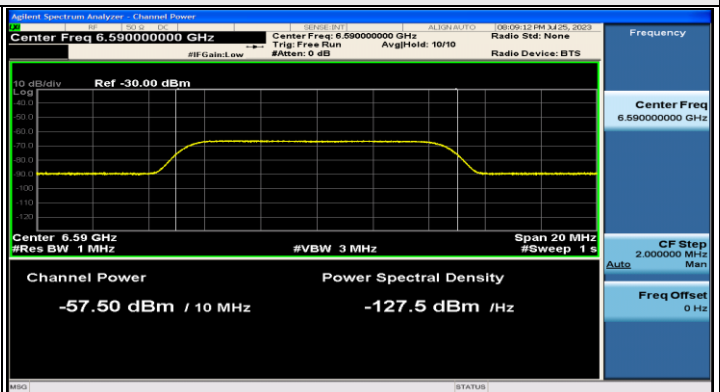
Plots of EUT Tx waveform



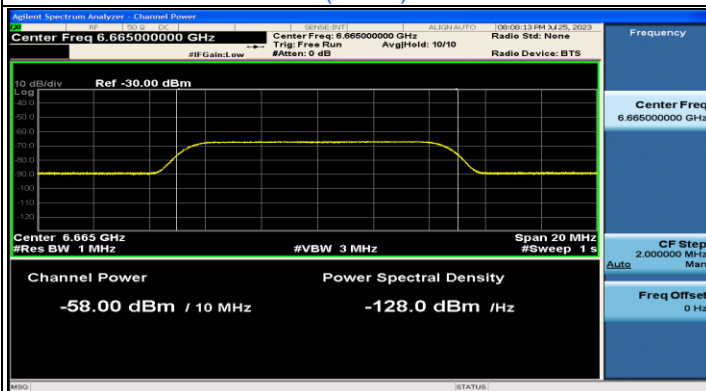
Plots of Injected signal (AWGN) level



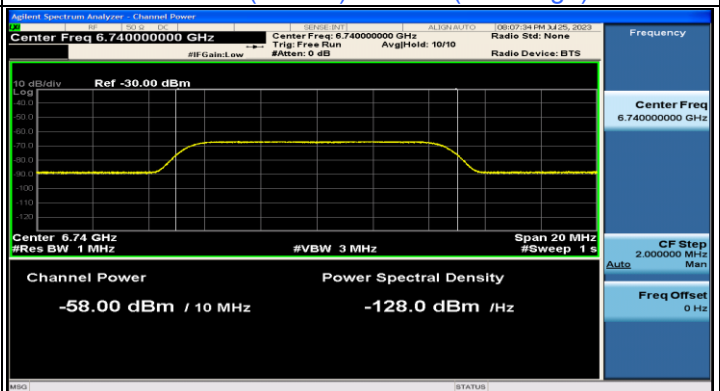
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)

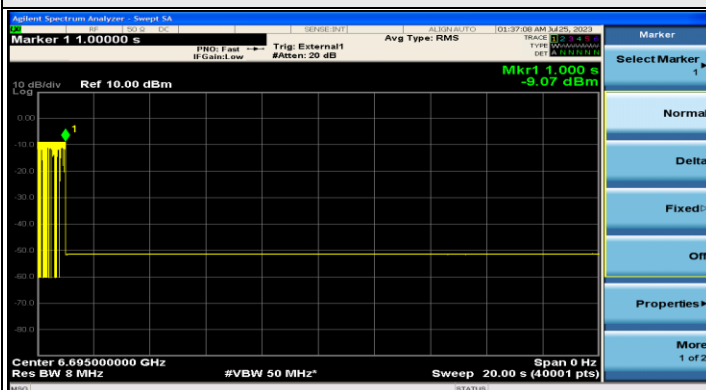


802.11ax (HE160) / CH143(Middle)

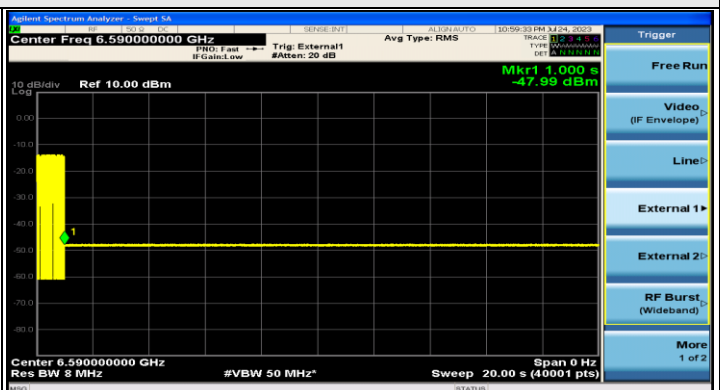


802.11ax (HE160) / CH143(High Edge)

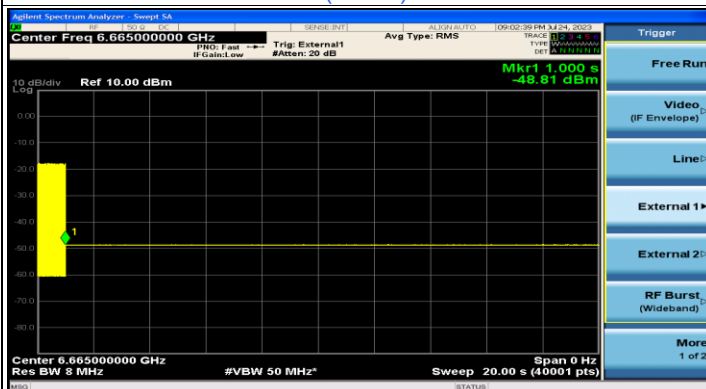
Plots of EUT ceased transmission in the time domain



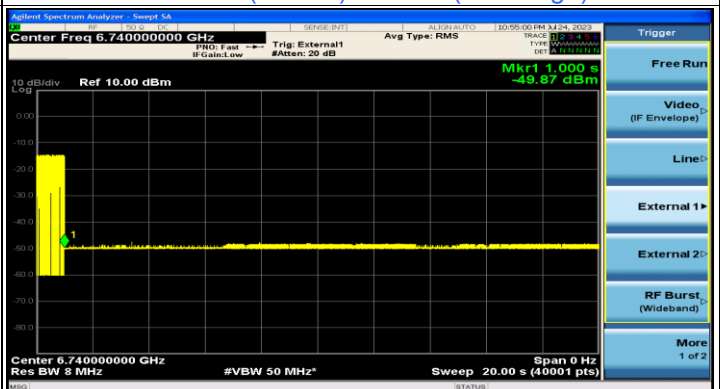
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)



802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

For U-NII-8

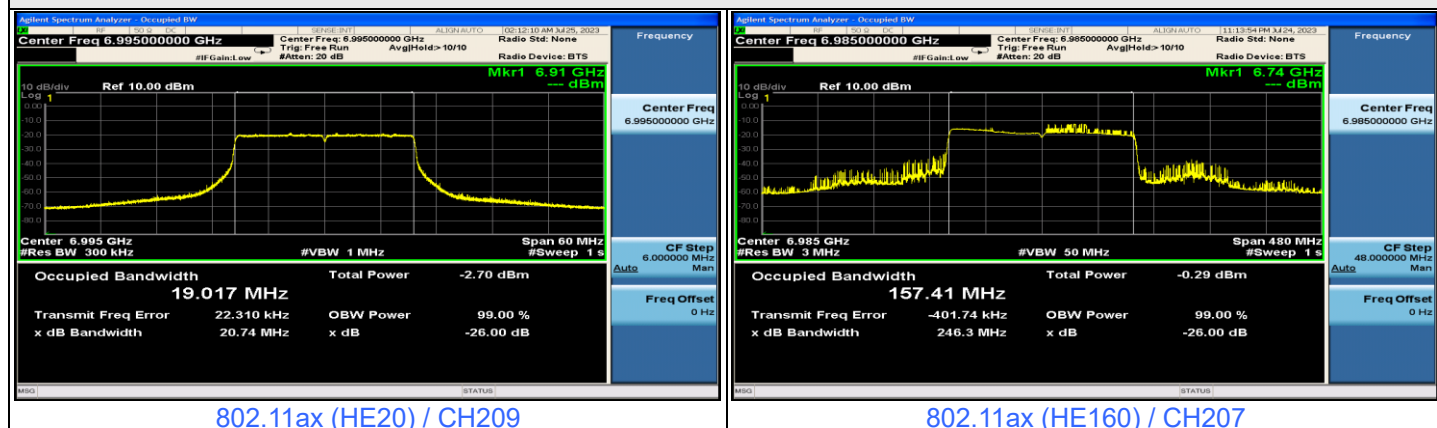
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-62.7	5.3	0	-68	-62	OFF
					-66.7	5.3	0	-72	-62	Minimal
					-76.7	5.3	0	-82	-62	ON
	160	207	6985	6910	-57.7	5.3	0	-63	-62	OFF
					-63.7	5.3	0	-69	-62	Minimal
					-76.7	5.3	0	-82	-62	ON
				6985	-59.7	5.3	0	-65	-62	OFF
					-63.7	5.3	0	-69	-62	Minimal
					-76.7	5.3	0	-82	-62	ON
				7060	-57.7	5.3	0	-63	-62	OFF
					-63.7	5.3	0	-69	-62	Minimal
					-76.7	5.3	0	-82	-62	ON

Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 1) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform



The figure displays two side-by-side screenshots of a software-defined radio (SDR) interface, showing the frequency spectrum. Both screenshots are titled "Software Spectrum Analyzer - Channel Power".

Left Screenshot:

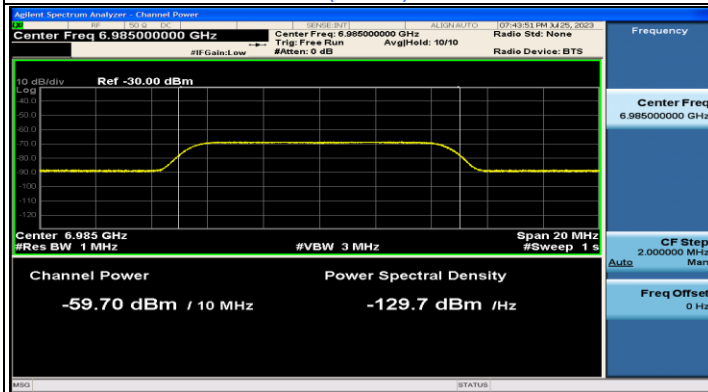
- Center Freq:** 6.995000000 GHz
- Ref:** -30.00 dBm
- Channel Power:** -62.70 dBm / 10 MHz
- Power Spectral Density:** -132.7 dBm / Hz
- Span:** 20 MHz
- Res BW:** 1 MHz
- VBW:** 3 MHz
- Sweep:** 1 s
- CF Step:** 2.000000 MHz
- Auto:** (checked)
- Freq Offset:** 0 Hz

Right Screenshot:

- Center Freq:** 6.910000000 GHz
- Ref:** -30.00 dBm
- Channel Power:** -57.70 dBm / 10 MHz
- Power Spectral Density:** -127.7 dBm / Hz
- Span:** 20 MHz
- Res BW:** 1 MHz
- VBW:** 3 MHz
- Sweep:** 1 s
- CF Step:** 2.000000 MHz
- Auto:** (checked)
- Freq Offset:** 0 Hz

Both plots show a yellow trace on a grid, representing the power spectral density of the signal. The y-axis is labeled "dBm" and ranges from -120 to 10. The x-axis is labeled "Frequency" and ranges from 6.900 to 6.920 GHz. The signal is centered around 6.995 GHz in the left plot and 6.91 GHz in the right plot.

802.11ax (HE160) / CH207(Low Edge)



Agilent Spectrum Analyzer - Channel Power

REF: Freq 7.060000000 GHz ALPH: AUTO 07:45:03 PM M25, 2023
 Center Freq 7.060000000 GHz Center Freq 7.060000000 GHz Radio Std: None Frequency
 Trig: Free Run AvgHold: 10:10
 #Gain: Low #Atten: 0 dB Radio Device: BTS

10 dB/div Ref -30.00 dBm

Log

Center Freq 7.060000000 GHz

Span 20 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 1 s

Channel Power Power Spectral Density

-57.70 dBm / 10 MHz -127.7 dBm /Hz

Center Freq 7.060000000 GHz

CF Step 2.000000 MHz

Auto Man

Freq Offset 0 Hz

MSQ STATUS

802.11ax (HE160) / CH207(High Edge)

The figure consists of two side-by-side screenshots of a Spectrum Analyzer interface, labeled 'Left' and 'Right'.

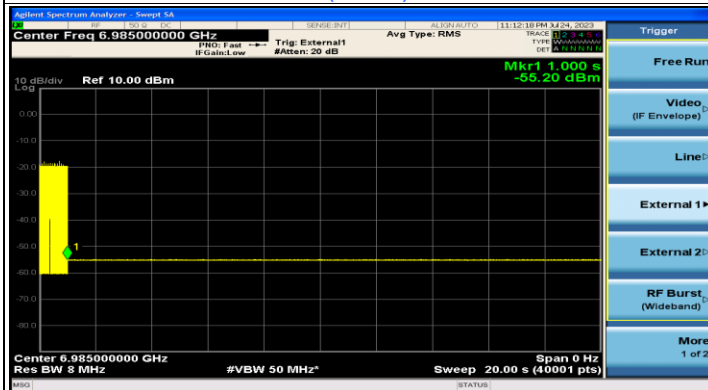
Left Screenshot:

- Header:** "Spectrum Analyzer - Sweep 5A", "10/26/2023", "10:00:49 AM M25, 2023", "Trig: External1", "Avg Type: RMS", "Mkr1 1.000 s -10.96 dBm".
- Display:** A frequency spectrum plot with a center frequency of 6.995000000 GHz. The y-axis is labeled "10 dB/div" and "Ref 10.00 dBm". The x-axis is labeled "Span 0 Hz" and "Res BW 8 MHz". The plot shows a sharp peak at -10.96 dBm.
- Controls:** On the right side, there are buttons for "Free Run", "Video (IF Envelope)", "Line", "External 1", "External 2", "RF Burst (Wideband)", and "More 1 of 2".

Right Screenshot:

- Header:** "Spectrum Analyzer - Sweep 5A", "10/26/2023", "10:00:56 AM M25, 2023", "Trig: External1", "Avg Type: RMS", "Mkr1 1.000 s -49.77 dBm".
- Display:** The same frequency spectrum plot as the left screenshot, but with a yellow trigger gate at -1.20 V. The peak is now at -49.77 dBm.
- Controls:** The same control buttons as the left screenshot.

802.11ax (HE160) / CH207(Low Edge)

[illegible]

802.11ax (HE160) / CH207(High Edge)

7.8 AC Power Conducted Emissions

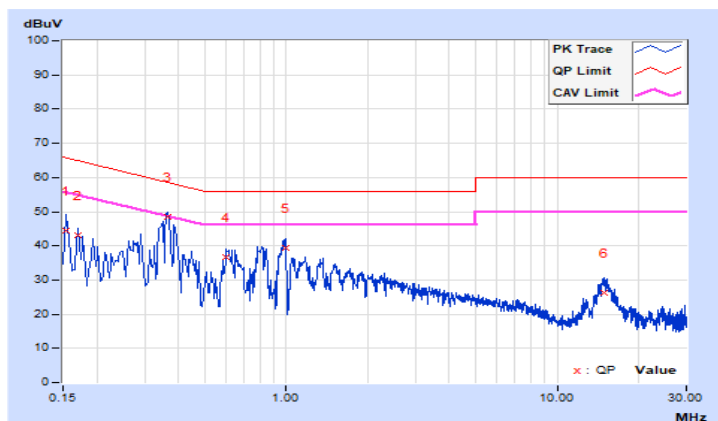
Mode A:

RF Mode	802.11ax (HE160)	Channel	CH 47 : 6185 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	9.62	34.87	21.83	44.49	31.45	65.78	55.78	-21.29	-24.33
2	0.17000	9.63	33.60	17.03	43.23	26.66	64.96	54.96	-21.73	-28.30
3	0.36545	9.66	38.89	35.31	48.55	44.97	58.60	48.60	-10.05	-3.63
4	0.60200	9.68	26.94	21.05	36.62	30.73	56.00	46.00	-19.38	-15.27
5	0.99000	9.69	29.60	21.18	39.29	30.87	56.00	46.00	-16.71	-15.13
6	15.00600	9.79	16.50	10.14	26.29	19.93	60.00	50.00	-33.71	-30.07

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

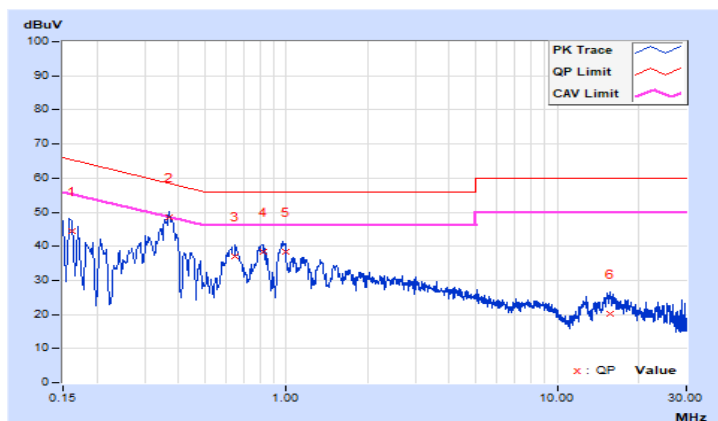


RF Mode	802.11ax (HE160)	Channel	CH 47 : 6185 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16200	9.62	34.67	21.28	44.29	30.90	65.36	55.36	-21.07	-24.46
2	0.37000	9.67	38.96	35.18	48.63	44.85	58.50	48.50	-9.87	-3.65
3	0.65000	9.68	27.42	19.78	37.10	29.46	56.00	46.00	-18.90	-16.54
4	0.81800	9.69	28.73	23.61	38.42	33.30	56.00	46.00	-17.58	-12.70
5	0.99400	9.70	28.76	20.58	38.46	30.28	56.00	46.00	-17.54	-15.72
6	15.71000	9.86	10.50	4.36	20.36	14.22	60.00	50.00	-39.64	-35.78

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



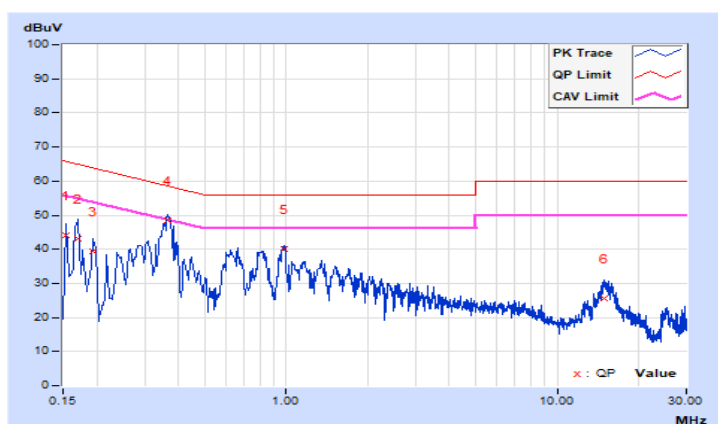
Mode B:

RF Mode	802.11ax (HE160)	Channel	CH 175 : 6825 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	9.62	34.40	19.39	44.02	29.01	65.78	55.78	-21.76	-26.77
2	0.17000	9.63	33.40	16.61	43.03	26.24	64.96	54.96	-21.93	-28.72
3	0.19400	9.64	29.68	14.86	39.32	24.50	63.86	53.86	-24.54	-29.36
4	0.36545	9.66	38.92	35.23	48.58	44.89	58.60	48.60	-10.02	-3.71
5	0.97800	9.69	30.27	24.32	39.96	34.01	56.00	46.00	-16.04	-11.99
6	14.82600	9.79	15.84	9.72	25.63	19.51	60.00	50.00	-34.37	-30.49

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

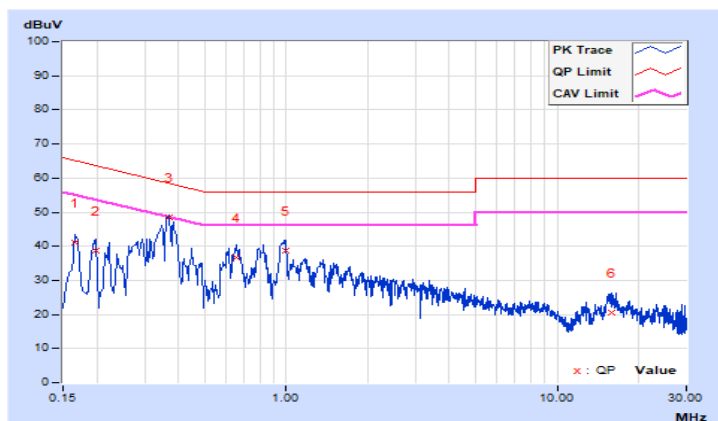


RF Mode	802.11ax (HE160)	Channel	CH 175 : 6825 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16600	9.63	31.36	19.95	40.99	29.58	65.16	55.16	-24.17	-25.58
2	0.19780	9.64	29.11	15.43	38.75	25.07	63.70	53.70	-24.95	-28.63
3	0.36932	9.67	38.96	35.72	48.63	45.39	58.52	48.52	-9.89	-3.13
4	0.65400	9.68	26.94	20.45	36.62	30.13	56.00	46.00	-19.38	-15.87
5	0.99000	9.70	29.12	20.03	38.82	29.73	56.00	46.00	-17.18	-16.27
6	15.81800	9.86	10.53	4.18	20.39	14.04	60.00	50.00	-39.61	-35.96

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.9 Unwanted Emissions below 1 GHz

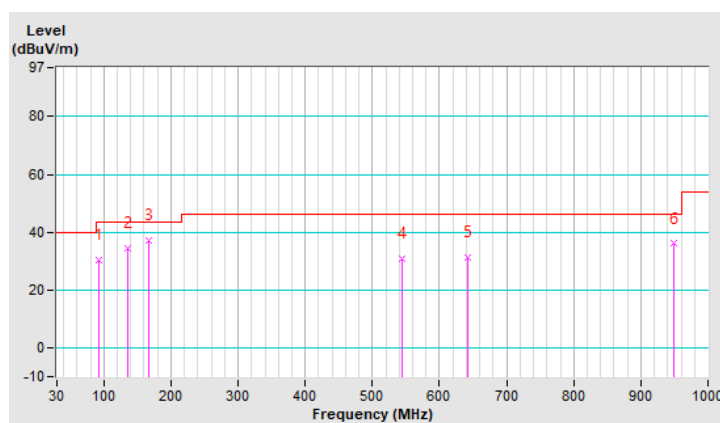
Mode A:

RF Mode	802.11ax (HE160)	Channel	CH 47 : 6185 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 77% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	93.05	30.3 QP	43.5	-13.2	1.50 H	246	44.9	-14.6
2	135.73	34.3 QP	43.5	-9.2	1.00 H	57	44.1	-9.8
3	167.74	37.2 QP	43.5	-6.3	1.50 H	222	46.2	-9.0
4	544.10	31.0 QP	46.0	-15.0	1.00 H	330	32.8	-1.8
5	642.07	31.2 QP	46.0	-14.8	2.00 H	109	30.7	0.5
6	949.56	36.0 QP	46.0	-10.0	1.00 H	65	29.9	6.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

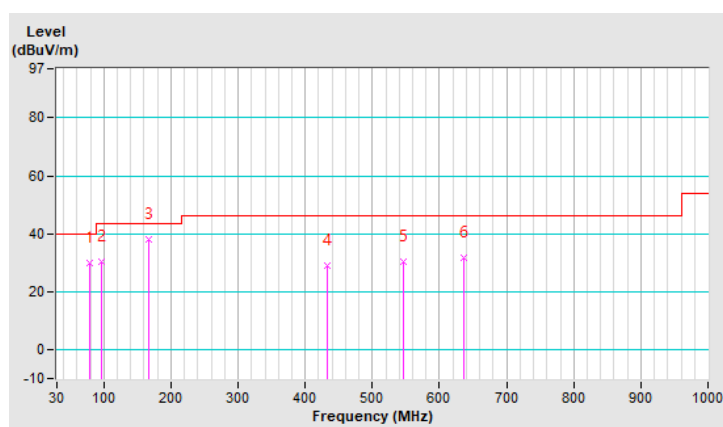


RF Mode	802.11ax (HE160)	Channel	CH 47 : 6185 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 77% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	79.47	30.1 QP	40.0	-9.9	1.50 V	91	43.5	-13.4
2	95.96	30.2 QP	43.5	-13.3	1.50 V	0	44.6	-14.4
3	167.74	37.9 QP	43.5	-5.6	1.00 V	261	46.9	-9.0
4	433.52	29.0 QP	46.0	-17.0	1.00 V	99	32.7	-3.7
5	546.04	30.4 QP	46.0	-15.6	2.00 V	38	32.2	-1.8
6	637.22	31.6 QP	46.0	-14.4	1.00 V	316	31.4	0.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



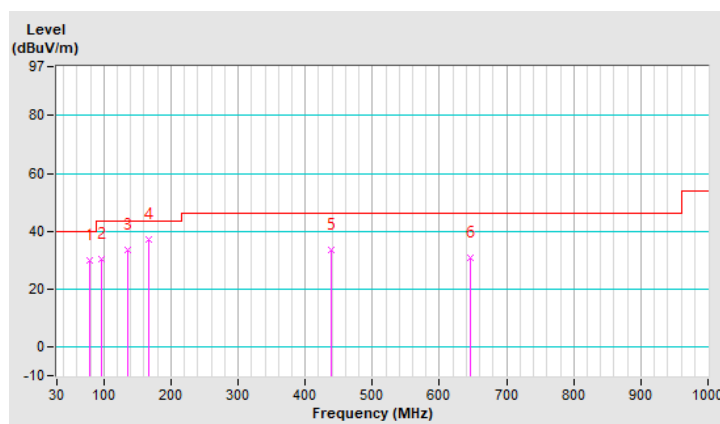
Mode B:

RF Mode	802.11ax (HE160)	Channel	CH 175 : 6825 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 77% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	79.47	30.1 QP	40.0	-9.9	1.00 H	120	43.5	-13.4
2	95.96	30.2 QP	43.5	-13.3	2.00 H	214	44.6	-14.4
3	135.73	33.5 QP	43.5	-10.0	1.50 H	49	43.3	-9.8
4	167.74	37.2 QP	43.5	-6.3	1.00 H	104	46.2	-9.0
5	439.34	33.4 QP	46.0	-12.6	1.50 H	20	37.1	-3.7
6	645.95	31.0 QP	46.0	-15.0	1.00 H	263	30.5	0.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

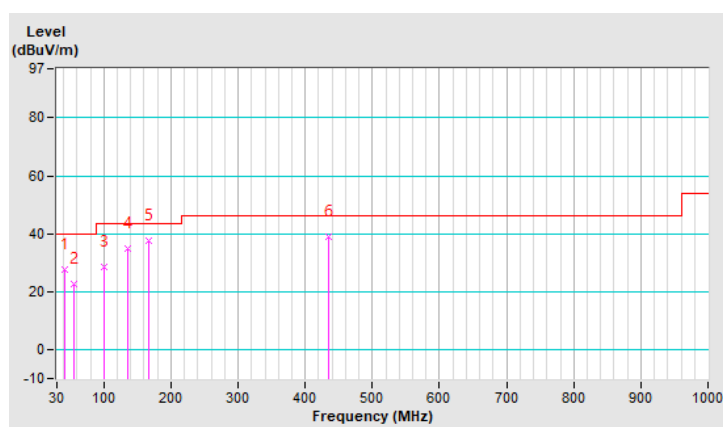


RF Mode	802.11ax (HE160)	Channel	CH 175 : 6825 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 77% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	27.8 QP	40.0	-12.2	1.00 V	6	37.3	-9.5
2	55.22	22.5 QP	40.0	-17.5	1.00 V	278	31.7	-9.2
3	99.84	28.5 QP	43.5	-15.0	1.50 V	242	42.2	-13.7
4	135.73	35.1 QP	43.5	-8.4	2.00 V	21	44.9	-9.8
5	167.74	37.5 QP	43.5	-6.0	1.50 V	276	46.5	-9.0
6	435.46	39.1 QP	46.0	-6.9	1.00 V	265	42.8	-3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.10 Unwanted Emissions above 1 GHz

Mode A:

RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 75% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	57.1 PK	88.2	-31.1	1.50 H	335	50.6	6.5
2	#5925.00	43.8 AV	68.2	-24.4	1.50 H	335	37.3	6.5
3	*5955.00	107.9 PK			1.50 H	335	66.8	41.1
4	*5955.00	98.8 AV			1.50 H	335	57.7	41.1
5	11910.00	54.2 PK	74.0	-19.8	1.78 H	18	38.8	15.4
6	11910.00	40.9 AV	54.0	-13.1	1.78 H	18	25.5	15.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	56.8 PK	88.2	-31.4	1.40 V	14	50.3	6.5
2	#5925.00	43.7 AV	68.2	-24.5	1.40 V	14	37.2	6.5
3	*5955.00	107.6 PK			1.40 V	14	66.5	41.1
4	*5955.00	98.6 AV			1.40 V	14	57.5	41.1
5	11910.00	54.0 PK	74.0	-20.0	2.89 V	10	38.6	15.4
6	11910.00	40.8 AV	54.0	-13.2	2.89 V	10	25.4	15.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 45 : 6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 75% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	106.5 PK			1.56 H	358	65.2	41.3
2	*6175.00	97.7 AV			1.56 H	358	56.4	41.3
3	12350.00	54.4 PK	74.0	-19.6	1.74 H	20	38.5	15.9
4	12350.00	41.2 AV	54.0	-12.8	1.74 H	20	25.3	15.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	105.5 PK			1.44 V	13	64.2	41.3
2	*6175.00	96.8 AV			1.44 V	13	55.5	41.3
3	12350.00	54.3 PK	74.0	-19.7	2.89 V	12	38.4	15.9
4	12350.00	41.1 AV	54.0	-12.9	2.89 V	12	25.2	15.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 93 : 6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 75% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	106.4 PK			1.43 H	1	64.1	42.3
2	*6415.00	97.8 AV			1.43 H	1	55.5	42.3
3	#12830.00	57.3 PK	88.2	-30.9	1.82 H	11	39.6	17.7
4	#12830.00	43.4 AV	68.2	-24.8	1.82 H	11	25.7	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	105.6 PK			1.38 V	12	63.3	42.3
2	*6415.00	97.0 AV			1.38 V	12	54.7	42.3
3	#12830.00	56.5 PK	88.2	-31.7	2.86 V	16	38.8	17.7
4	#12830.00	43.1 AV	68.2	-25.1	2.86 V	16	25.4	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.