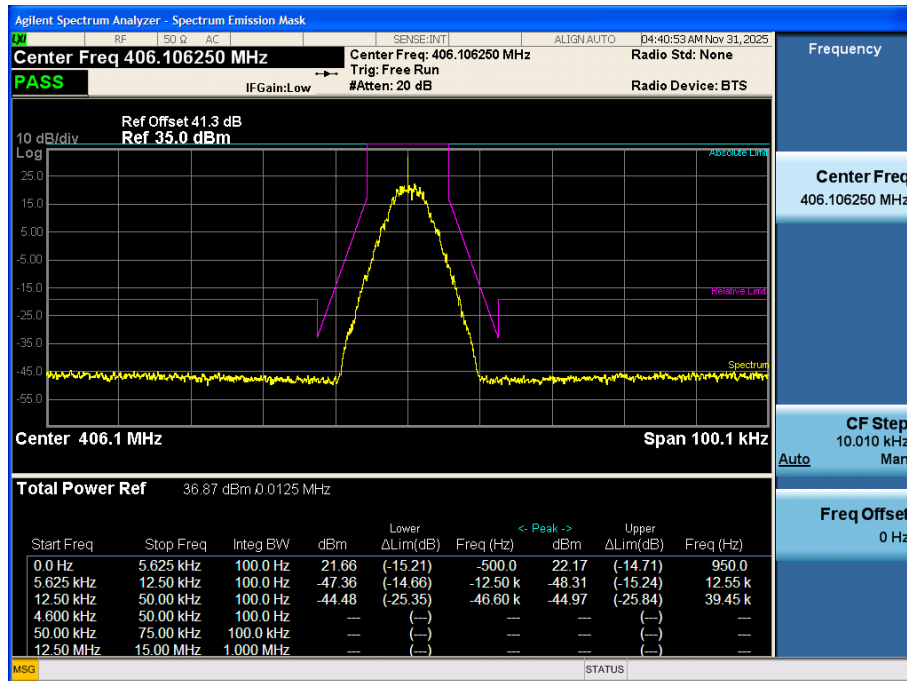
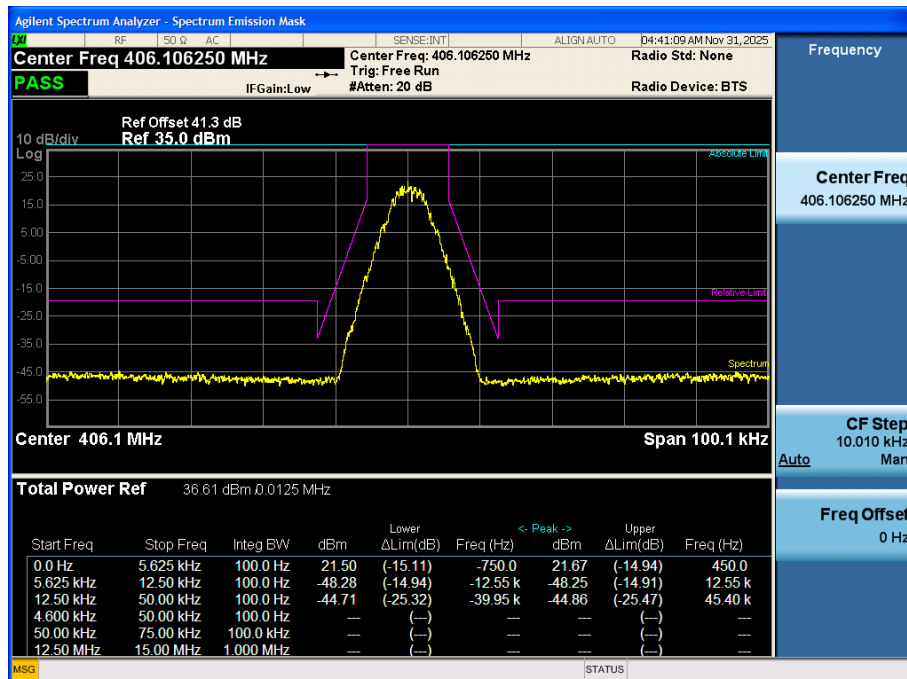


Emission Masks

DL_DMR_LCH_Pre-AGC



DL_DMR_LCH_3dB above AGC



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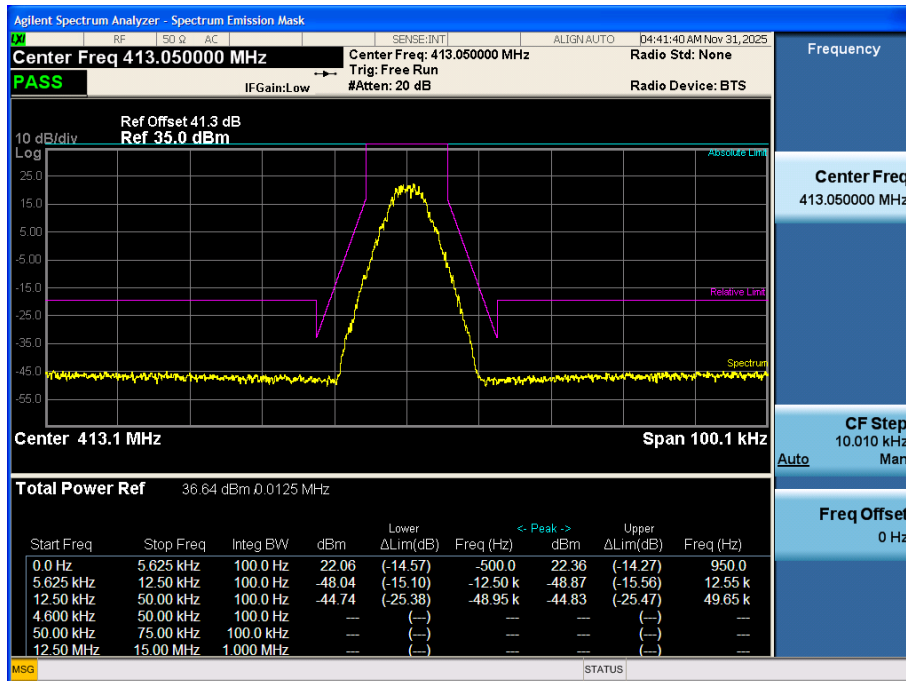
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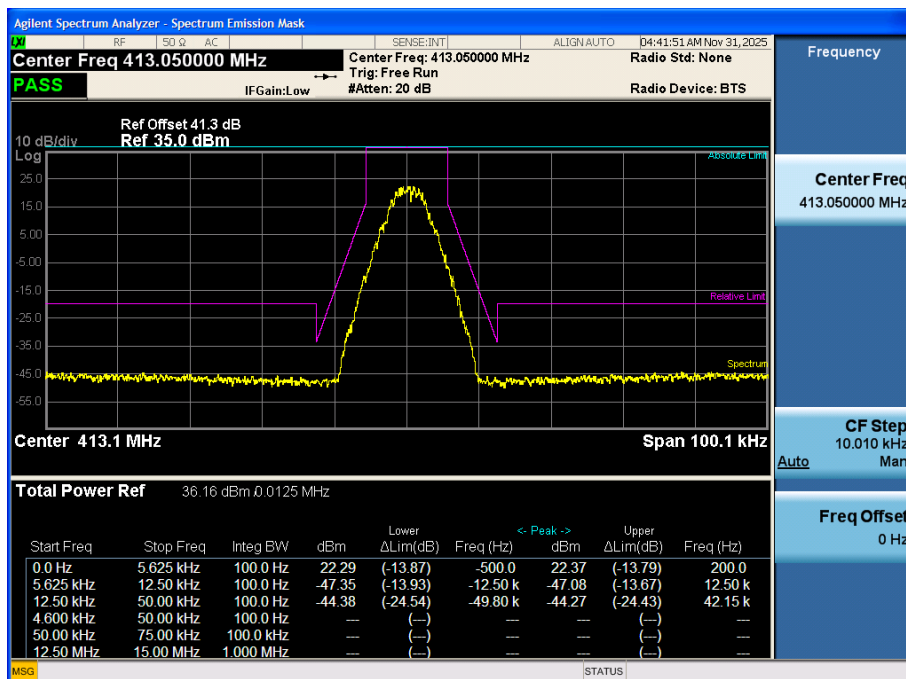
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t (86-20) 82155555 sgs.china@sgs.com

Emission Masks

DL_DMR_MCH_Pre-AGC



DL_DMR_MCH_3dB above AGC

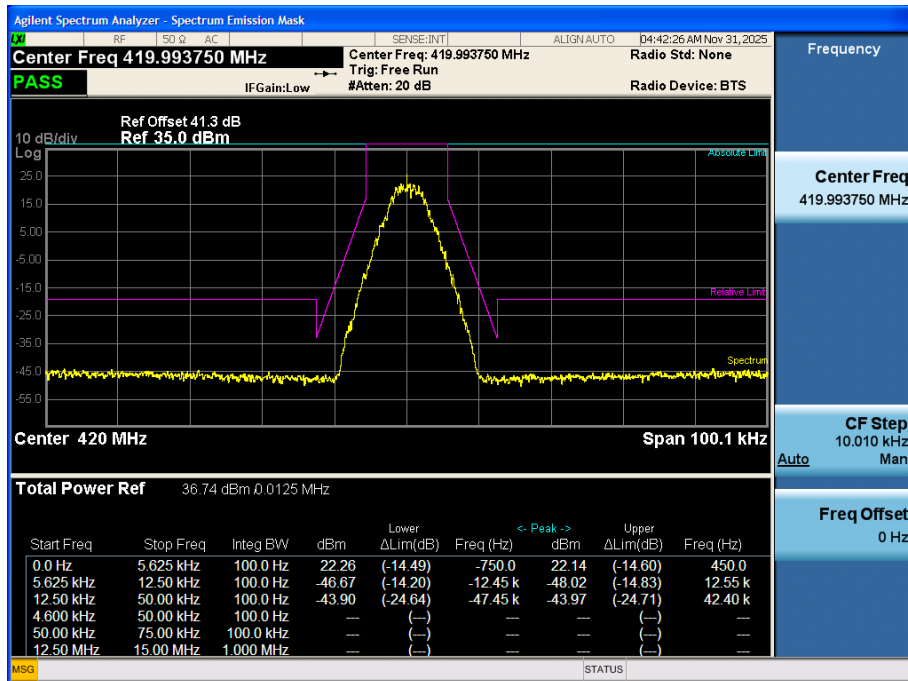


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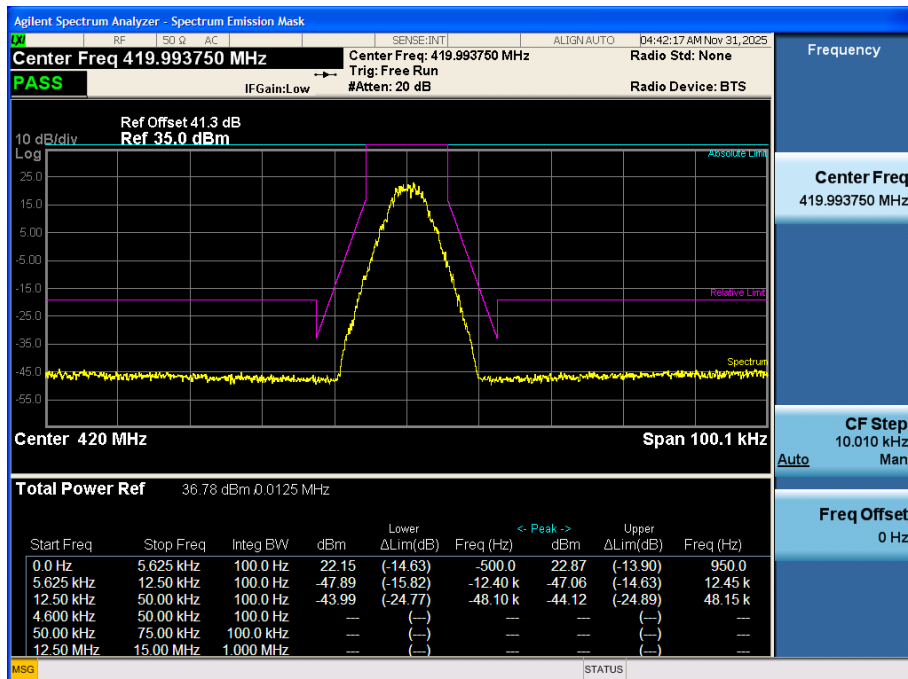
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Emission Masks

DL_DMR_HCH_Pre-AGC



DL_DMR_HCH_3dB above AGC

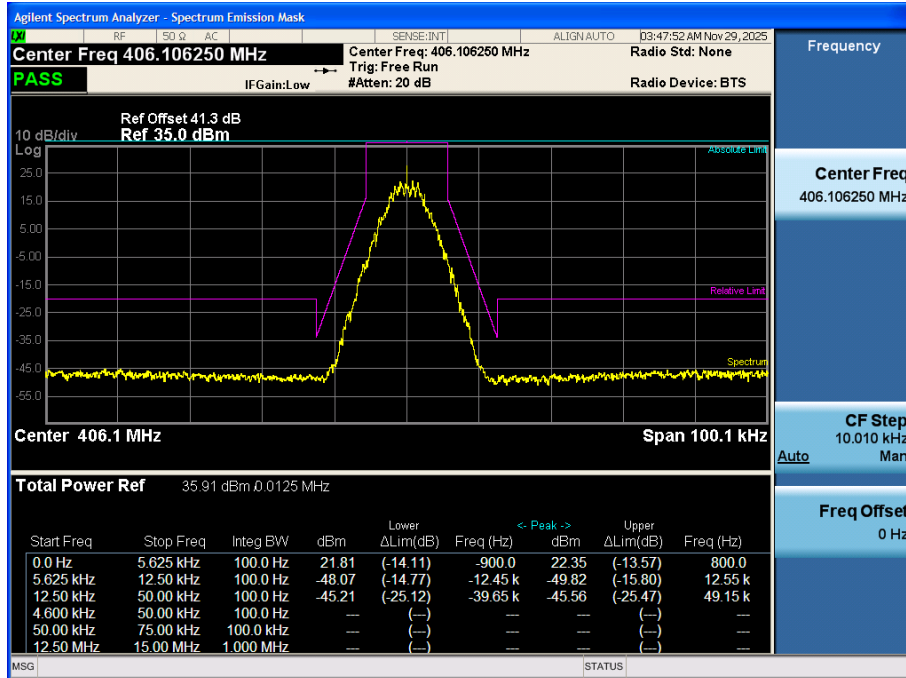


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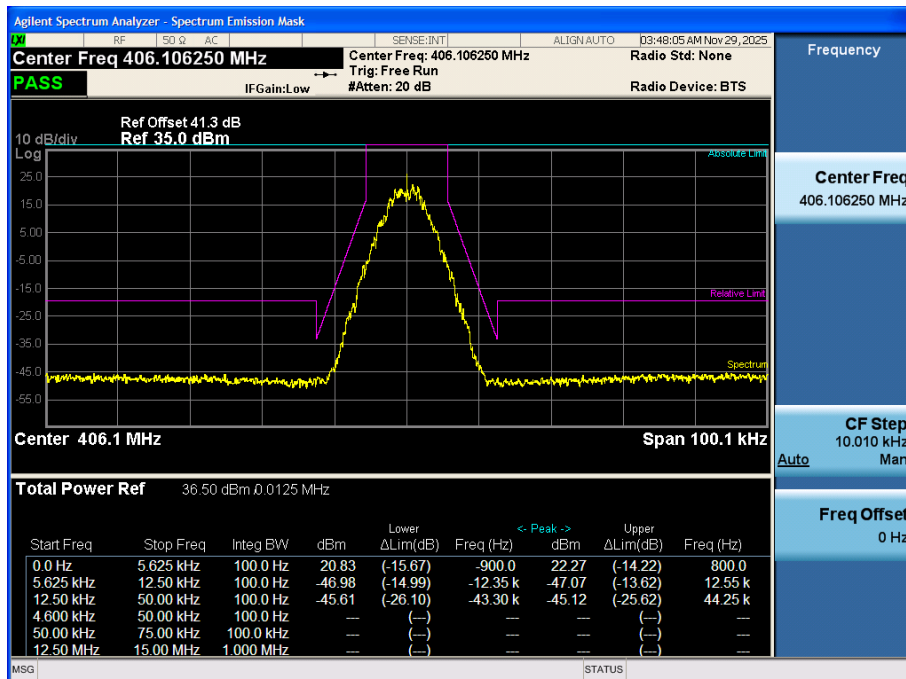
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Emission Masks

DL_C4FM_LCH_Pre-AGC



DL_C4FM_LCH_3dB above AGC



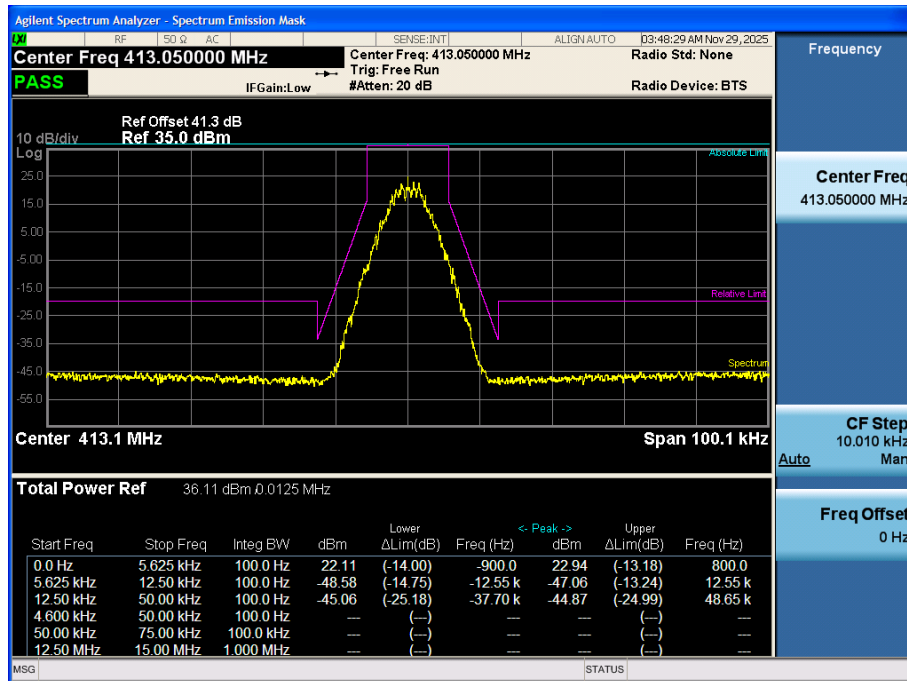
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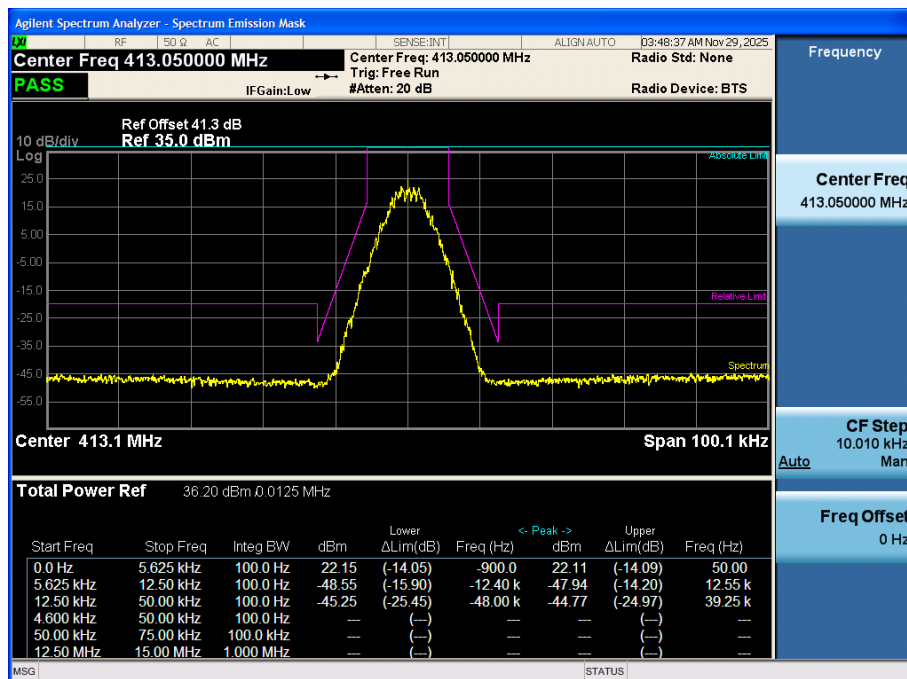
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Emission Masks

DL_C4FM_MCH_Pre-AGC



DL_C4FM_MCH_3dB above AGC



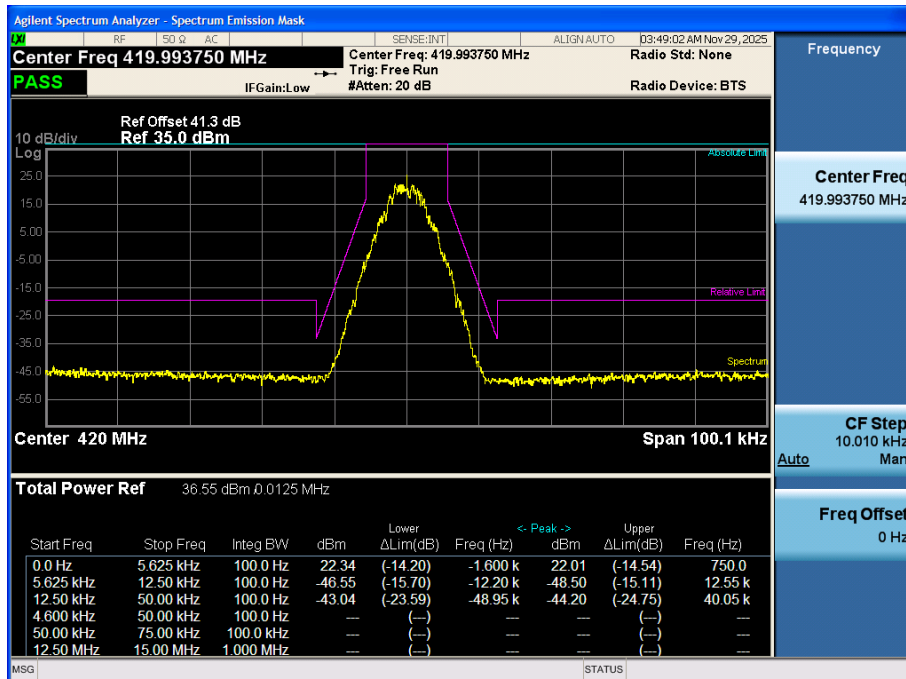
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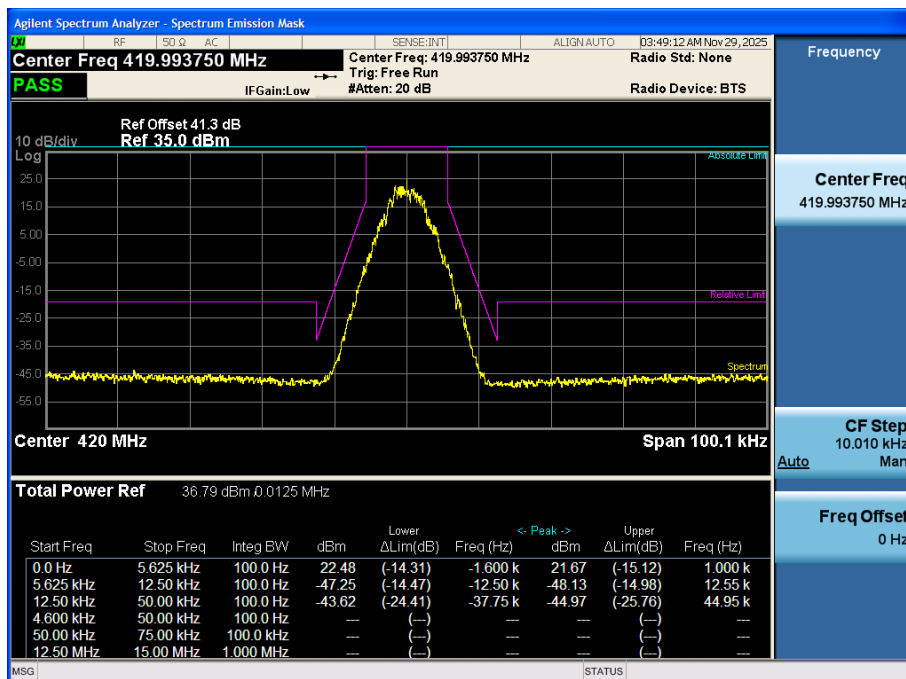
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Emission Masks

DL_C4FM_HCH_Pre-AGC



DL_C4FM_HCH_3dB above AGC

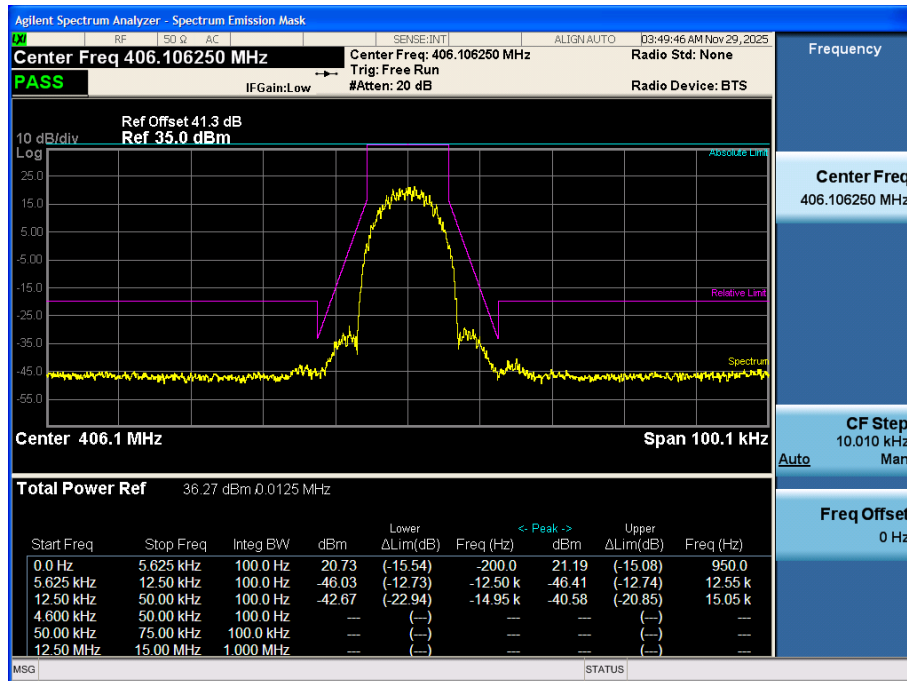


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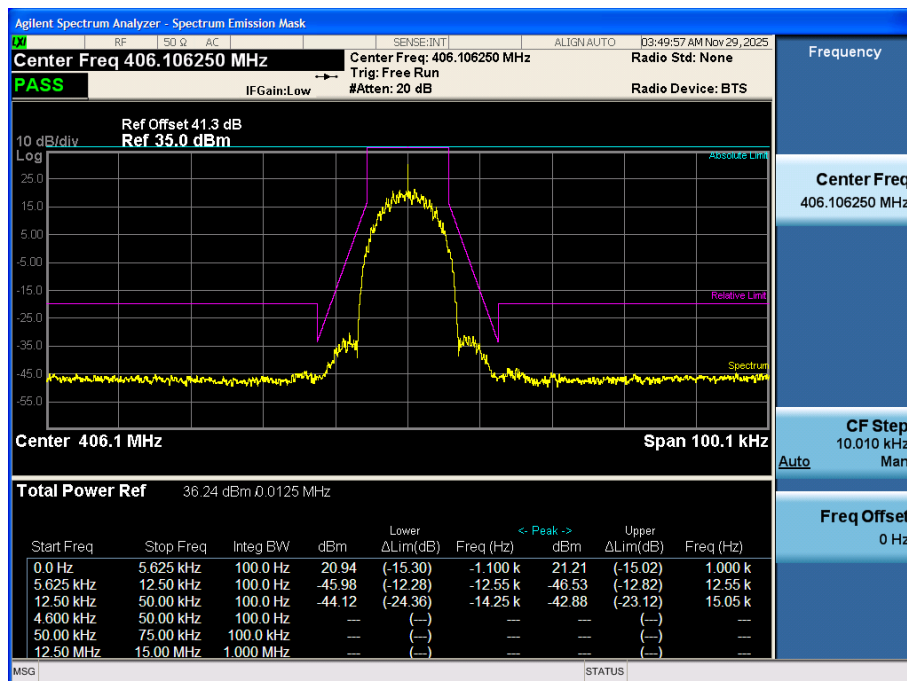
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Emission Masks

DL_H-DQPSK_LCH_Pre-AGC



DL_H-DQPSK_LCH_3dB above AGC



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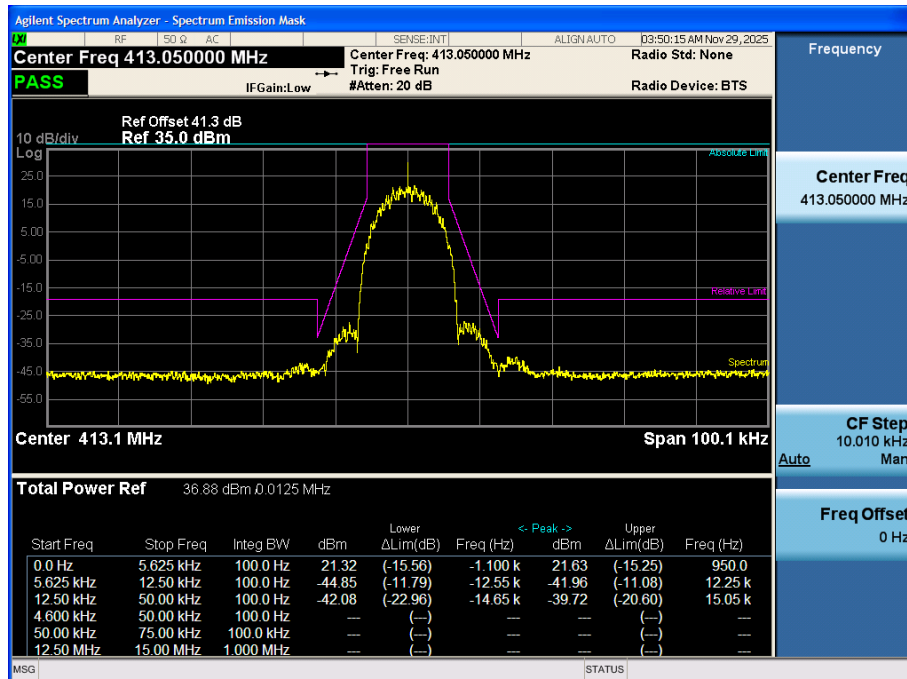
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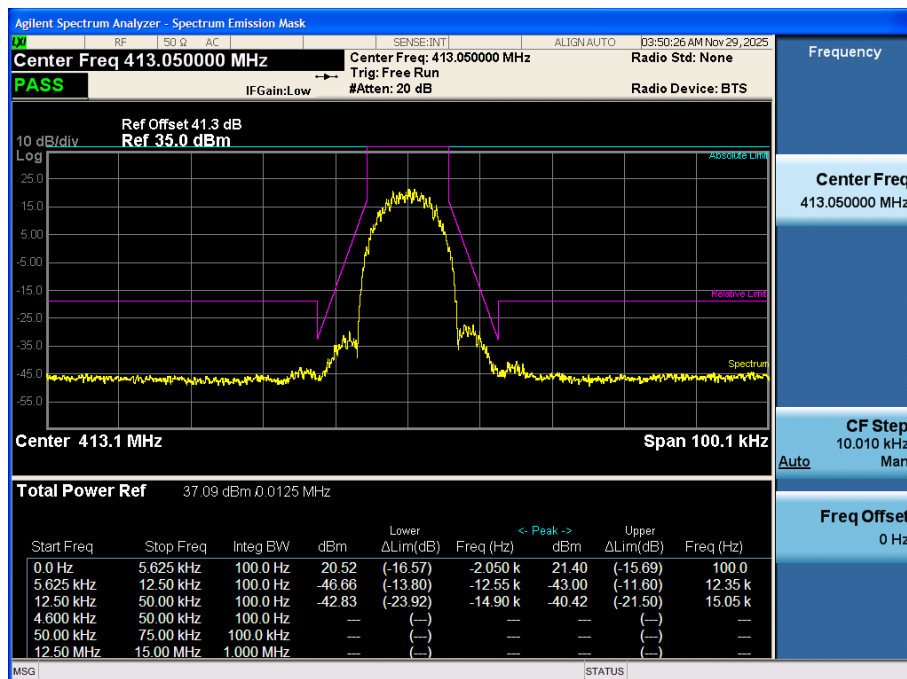
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Emission Masks

DL_H-DQPSK_MCH_Pre-AGC



DL_H-DQPSK_MCH_3dB above AGC



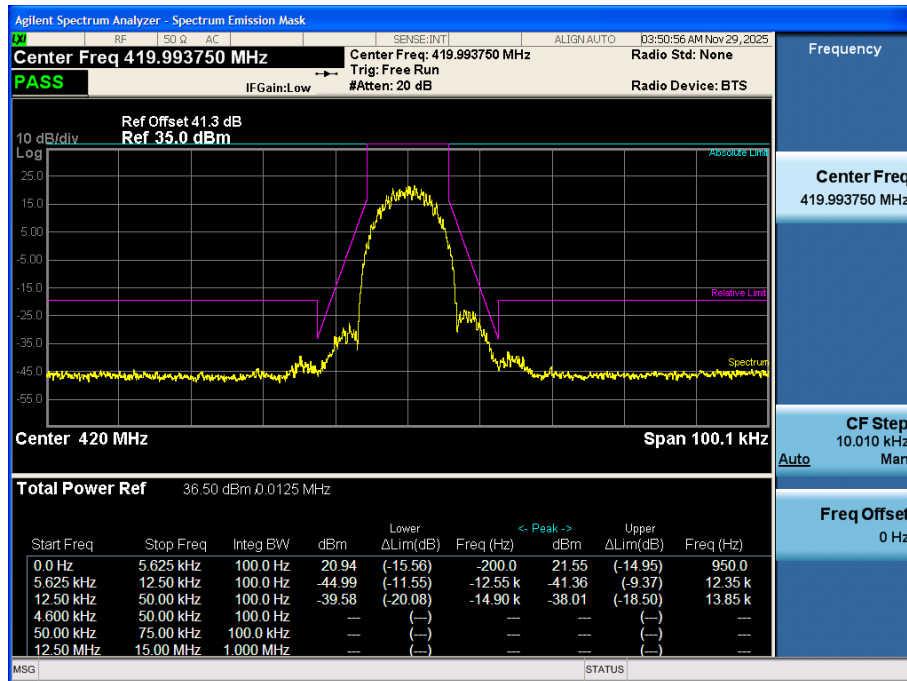
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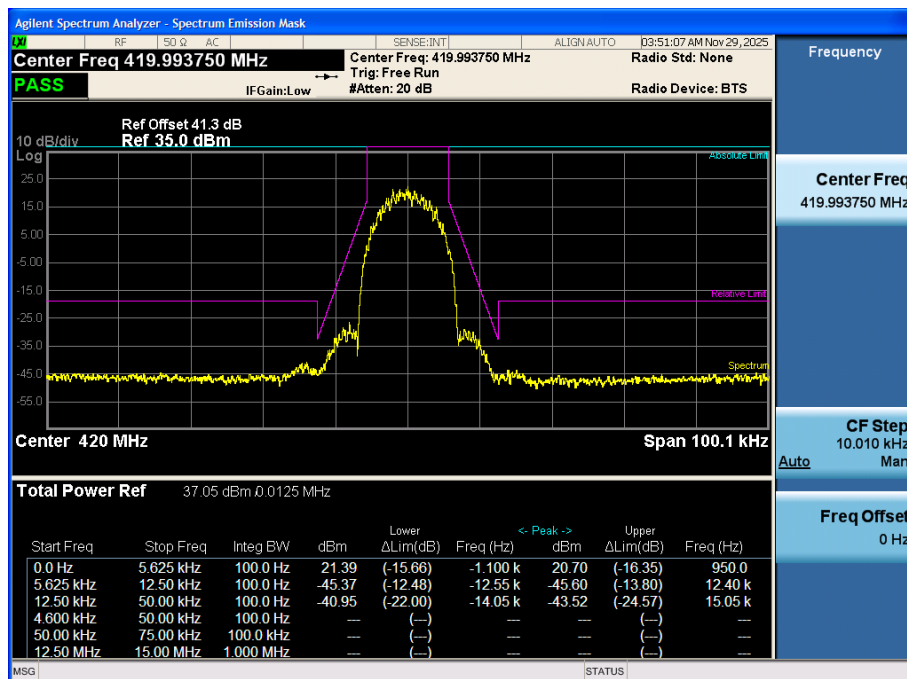
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Emission Masks

DL_H-DQPSK_HCH_Pre-AGC



DL_H-DQPSK_HCH_3dB above AGC



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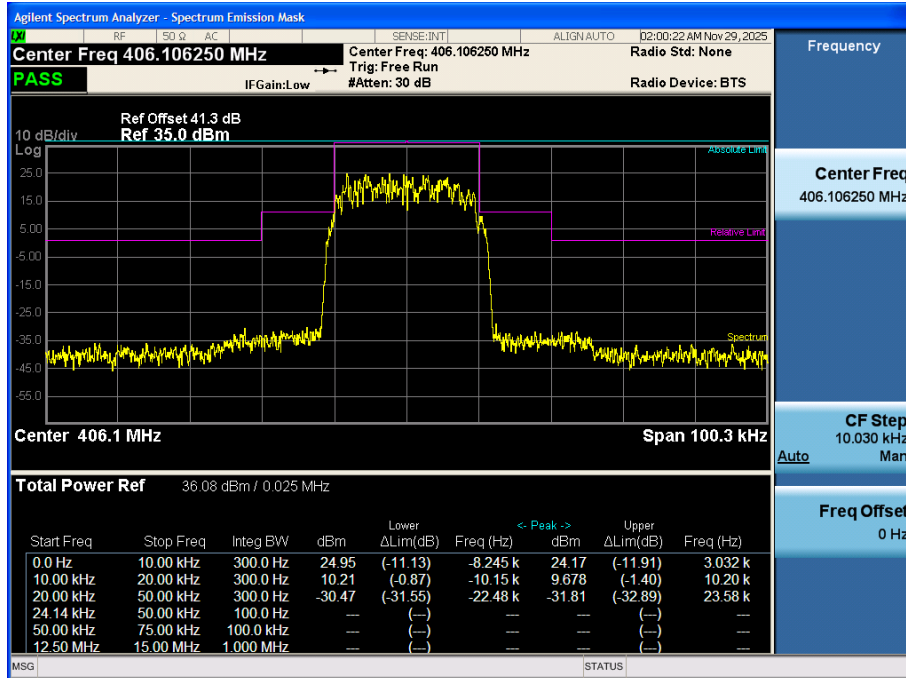
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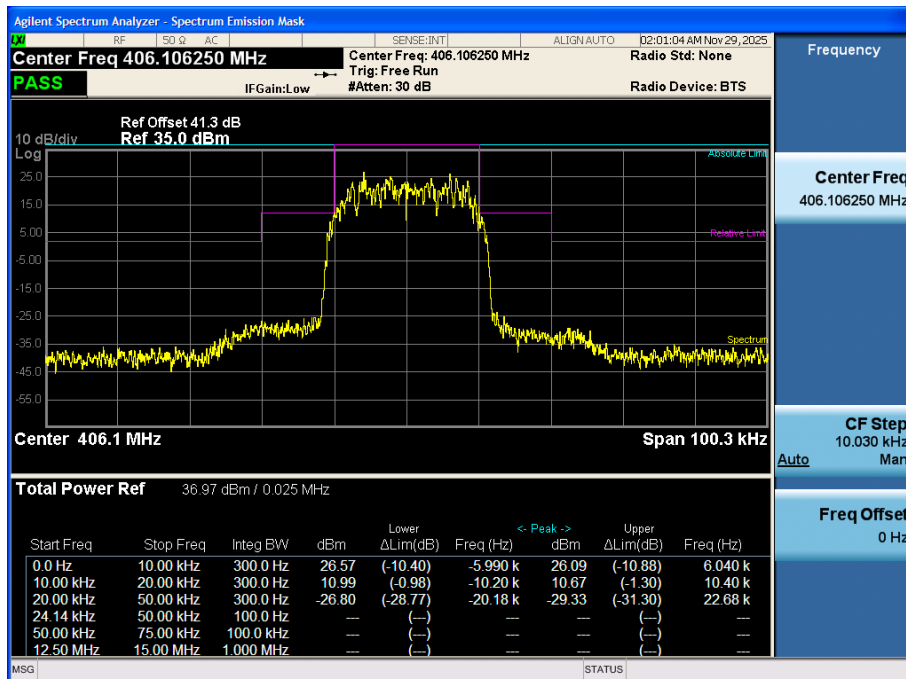
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Emission Masks

DL_π/4-DQPSK_LCH_Pre-AGC



DL_π/4-DQPSK_LCH_3dB above AGC



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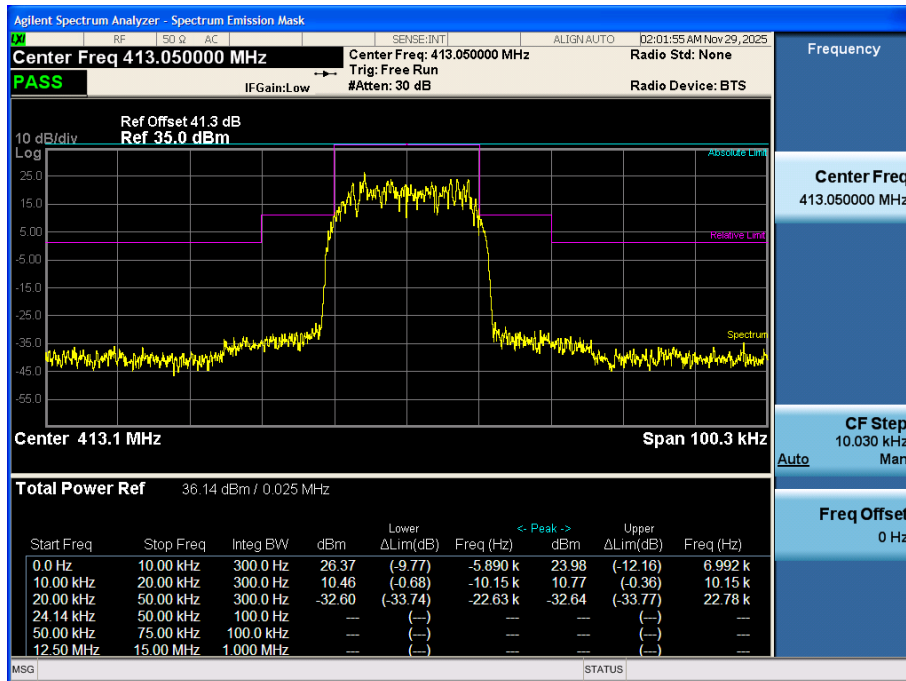
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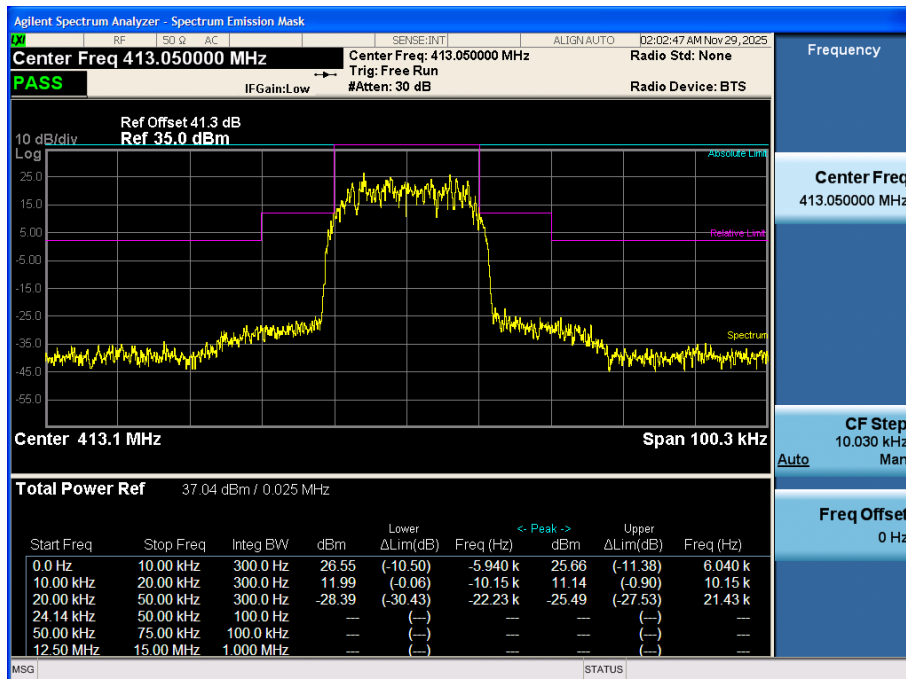
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Emission Masks

DL_π/4-DQPSK_MCH_Pre-AGC



DL_π/4-DQPSK_MCH_3dB above AGC



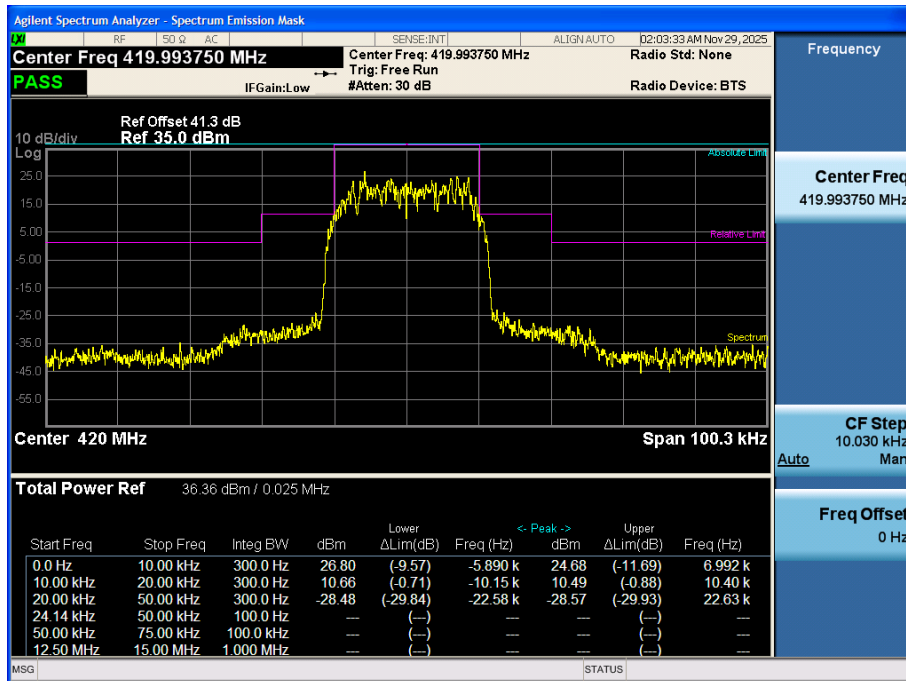
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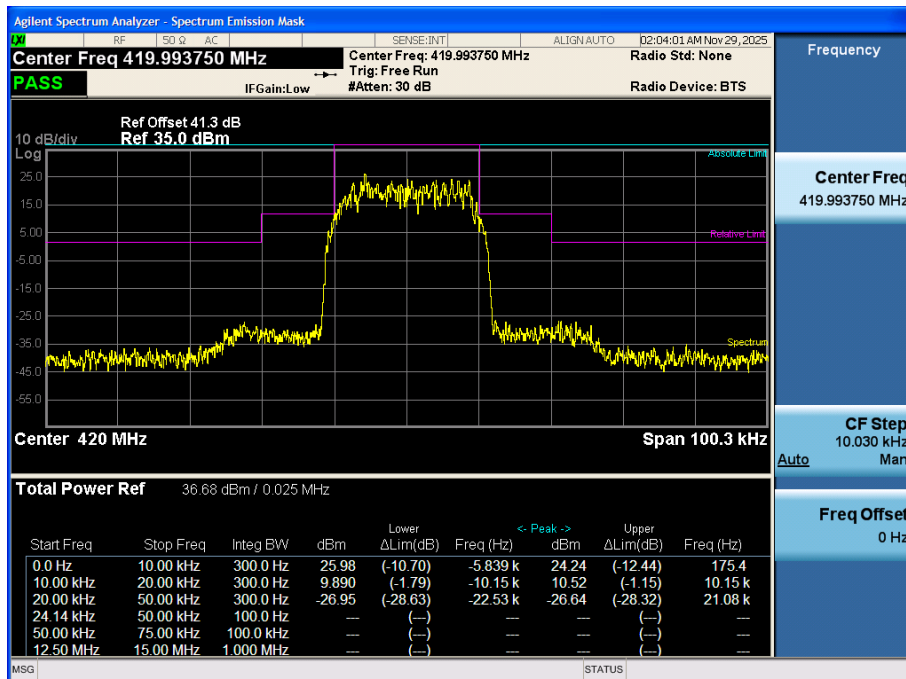
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Emission Masks

DL_π/4-DQPSK_HCH_Pre-AGC



DL_π/4-DQPSK_HCH_3dB above AGC

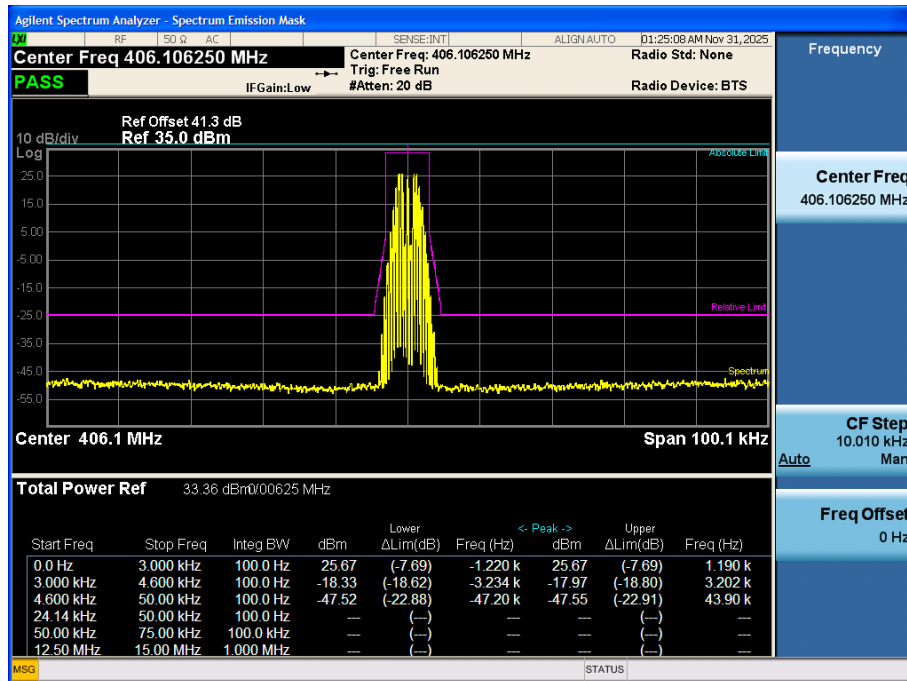


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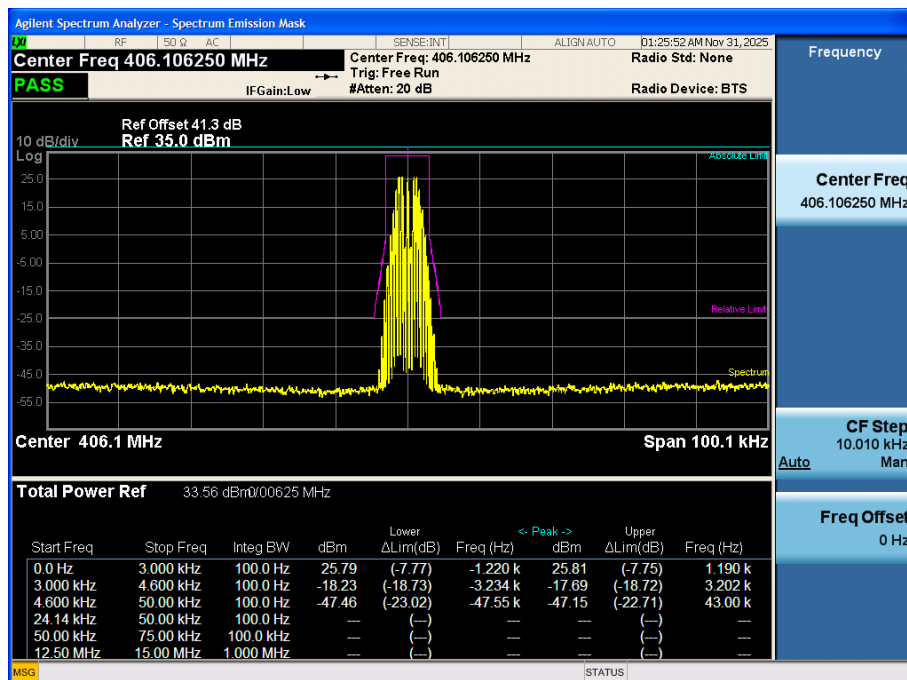
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Emission Masks

UL_FM_LCH_Pre-AGC



UL_FM_LCH_3dB above AGC

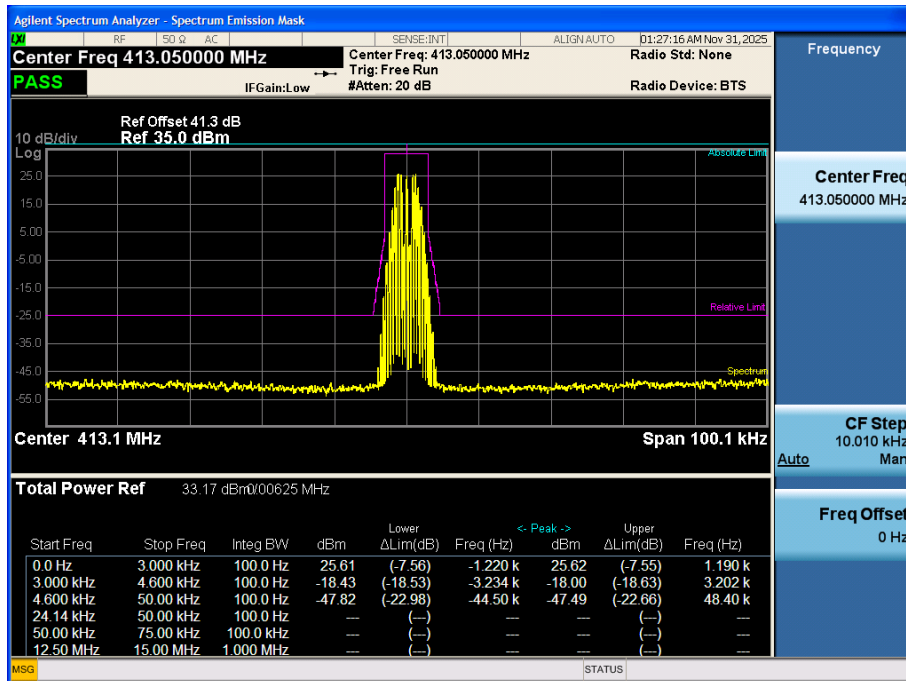


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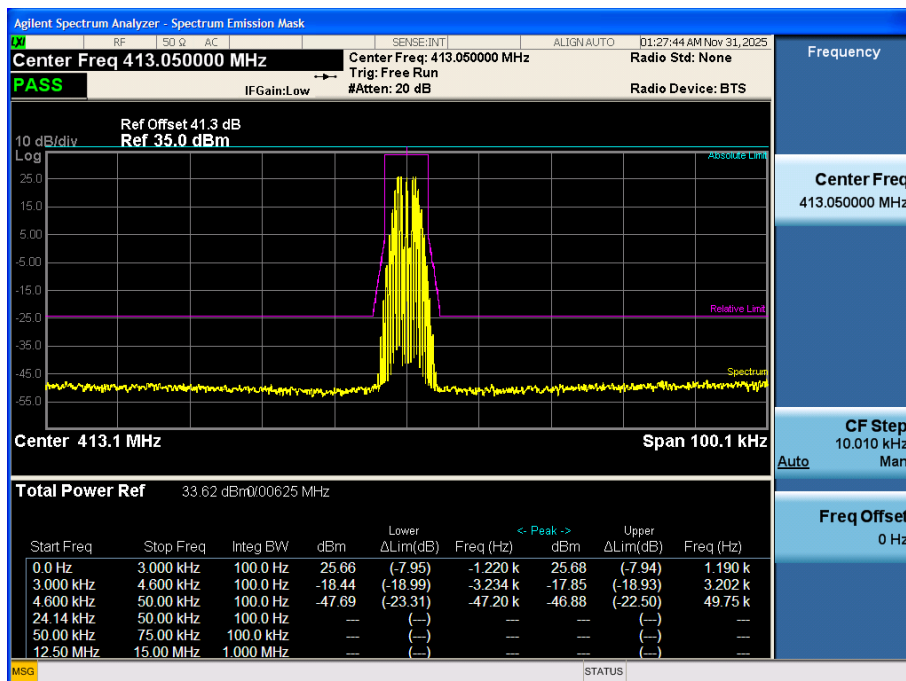
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Emission Masks

UL_FM_MCH_Pre-AGC



UL_FM_MCH_3dB above AGC



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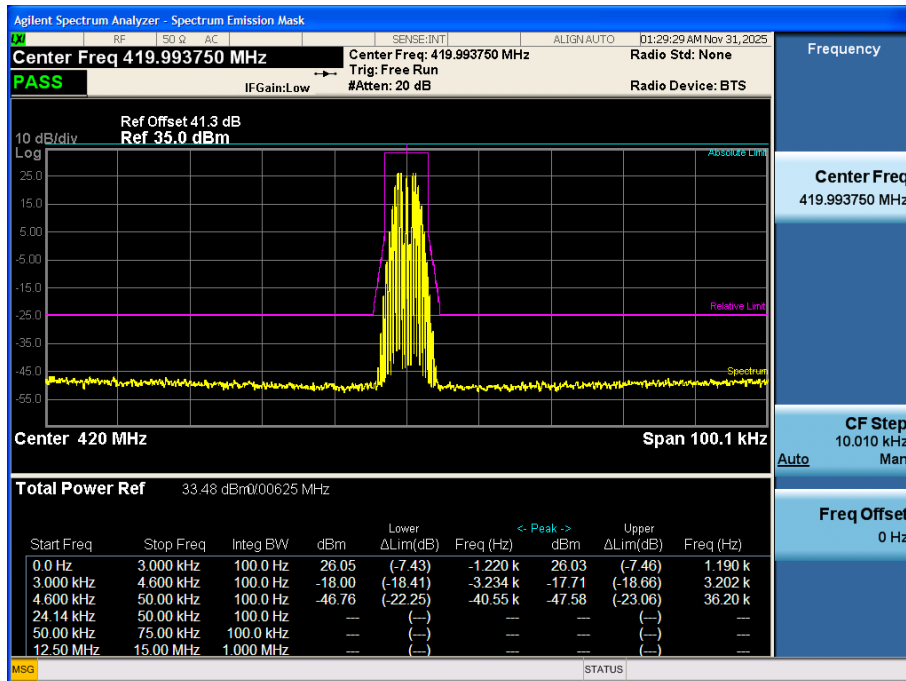
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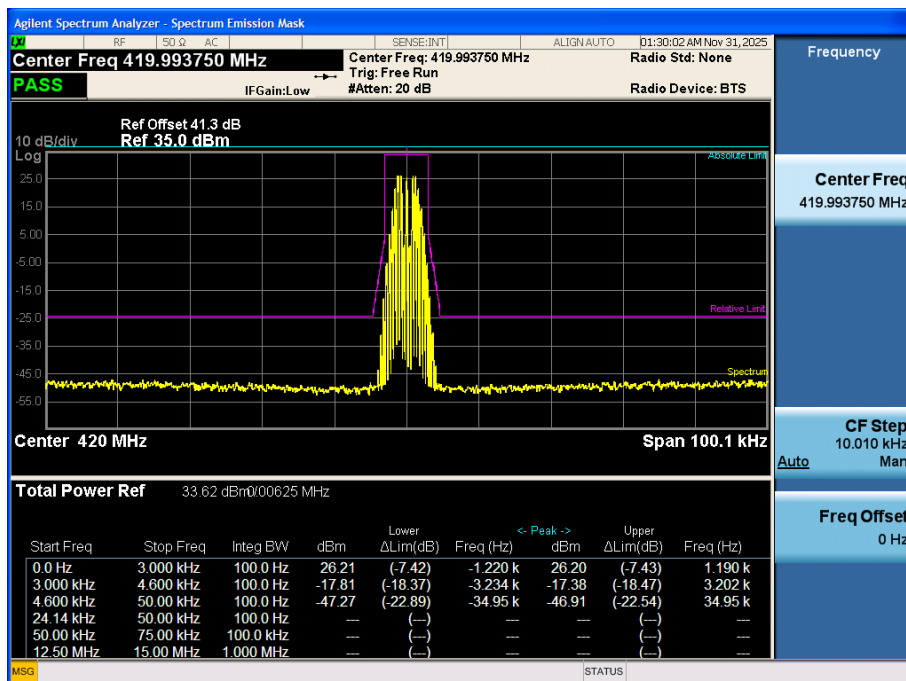
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Emission Masks

UL_FM_HCH_Pre-AGC



UL_FM_HCH_3dB above AGC

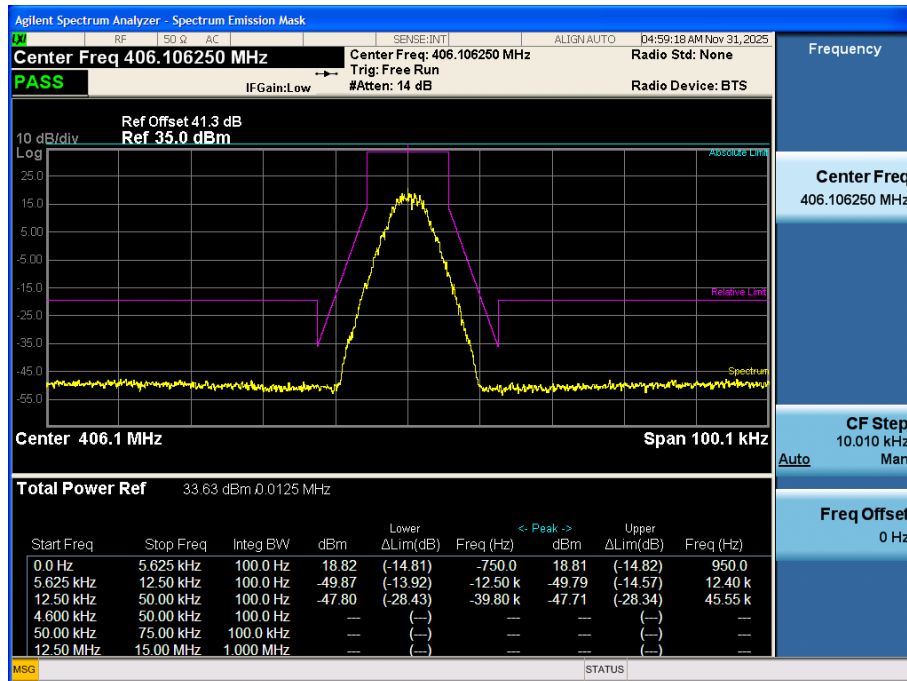


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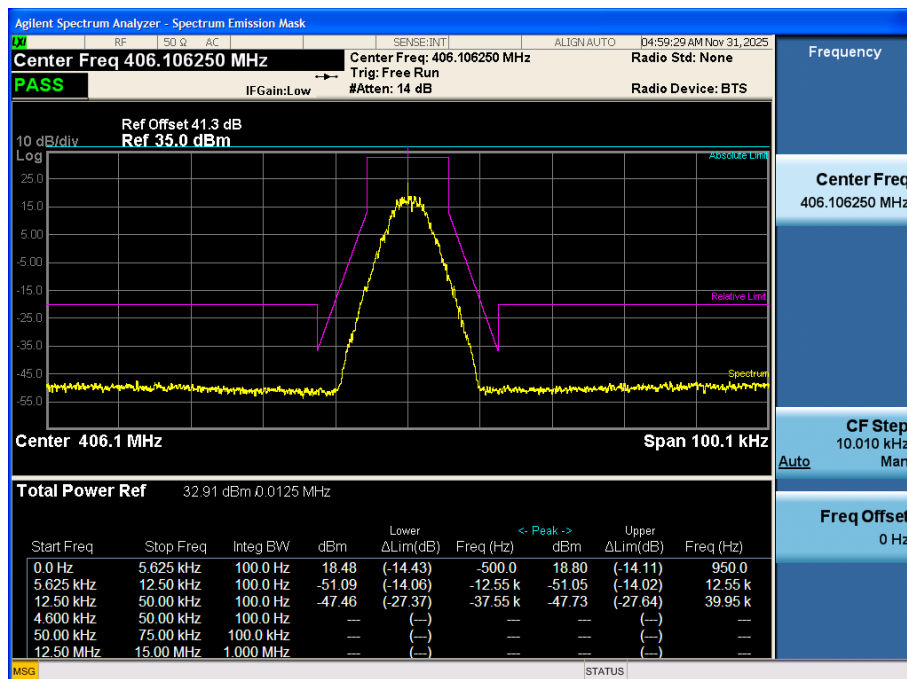
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Emission Masks

UL_DMR_LCH_Pre-AGC



UL_DMR_LCH_3dB above AGC



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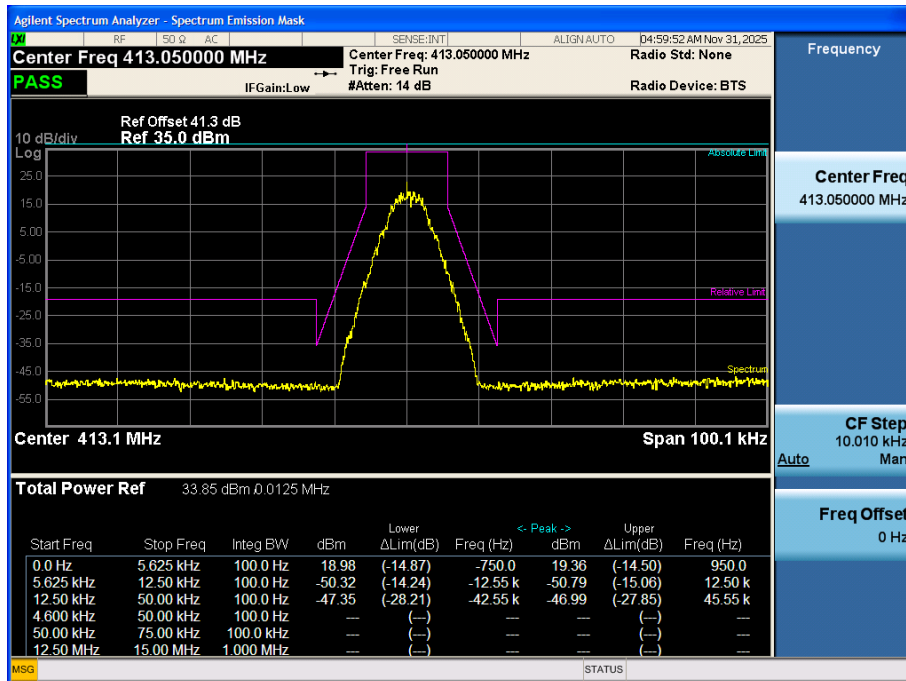
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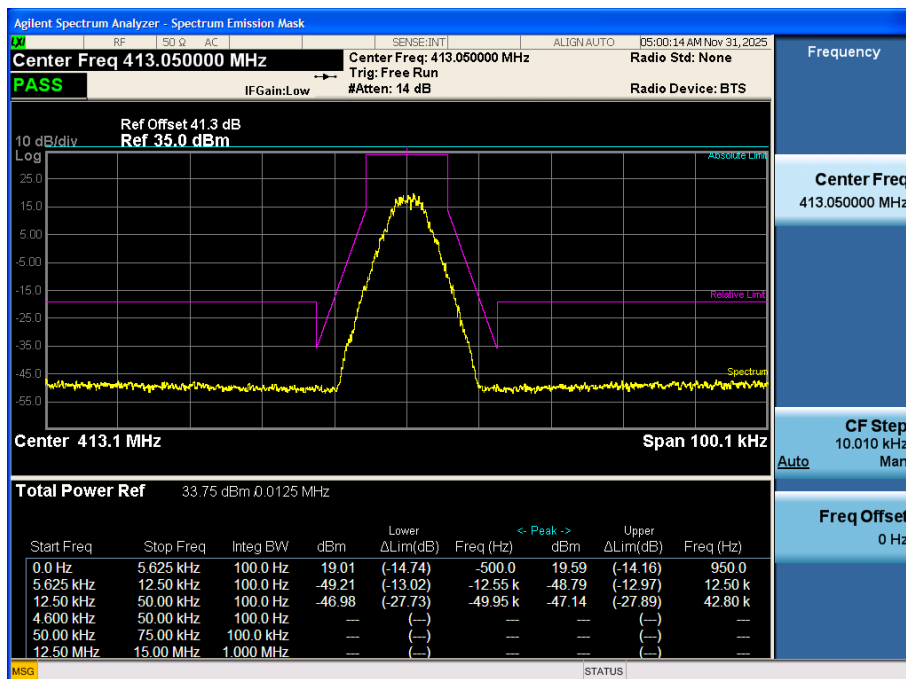
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Emission Masks

UL_DMR_MCH_Pre-AGC



UL_DMR_MCH_3dB above AGC



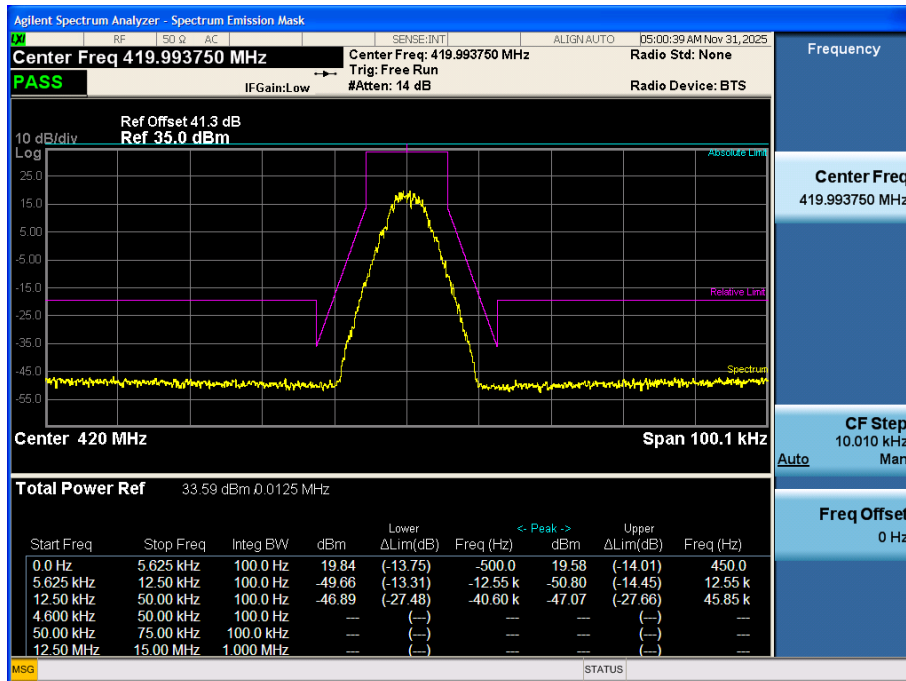
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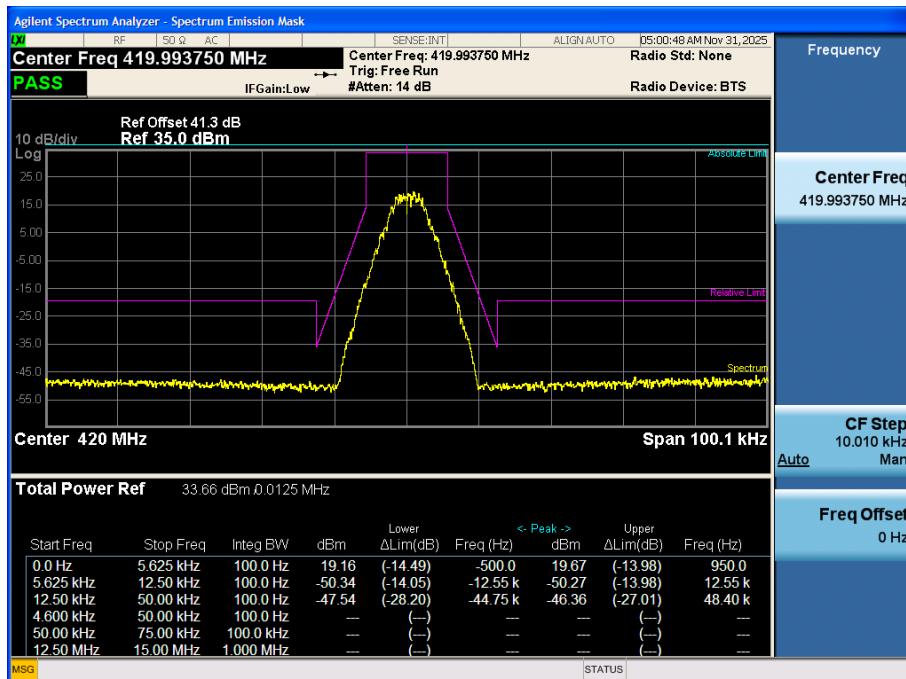
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Emission Masks

UL_DMR_HCH_Pre-AGC



UL_DMR_HCH_3dB above AGC

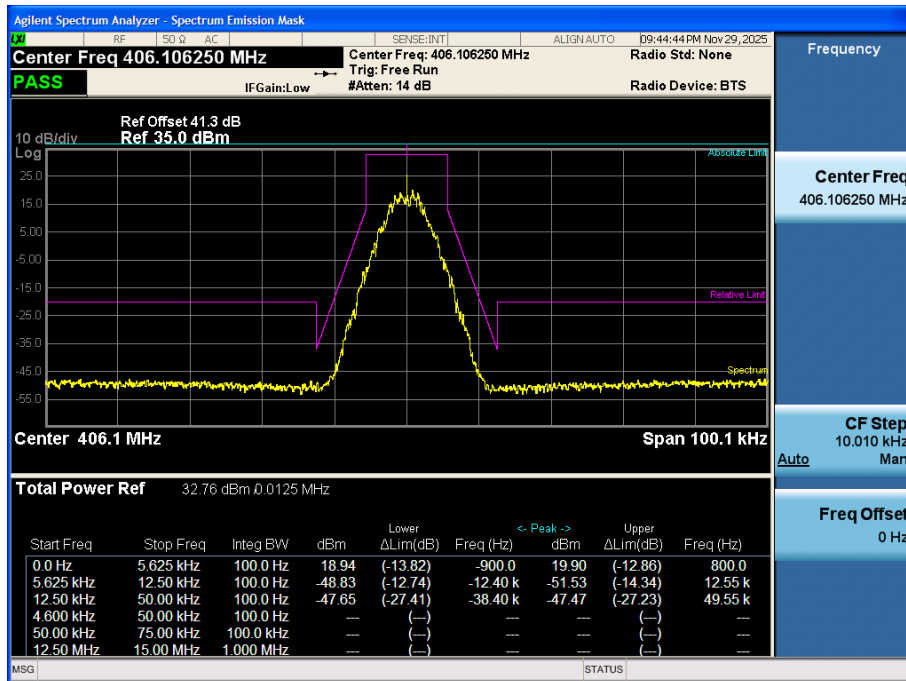


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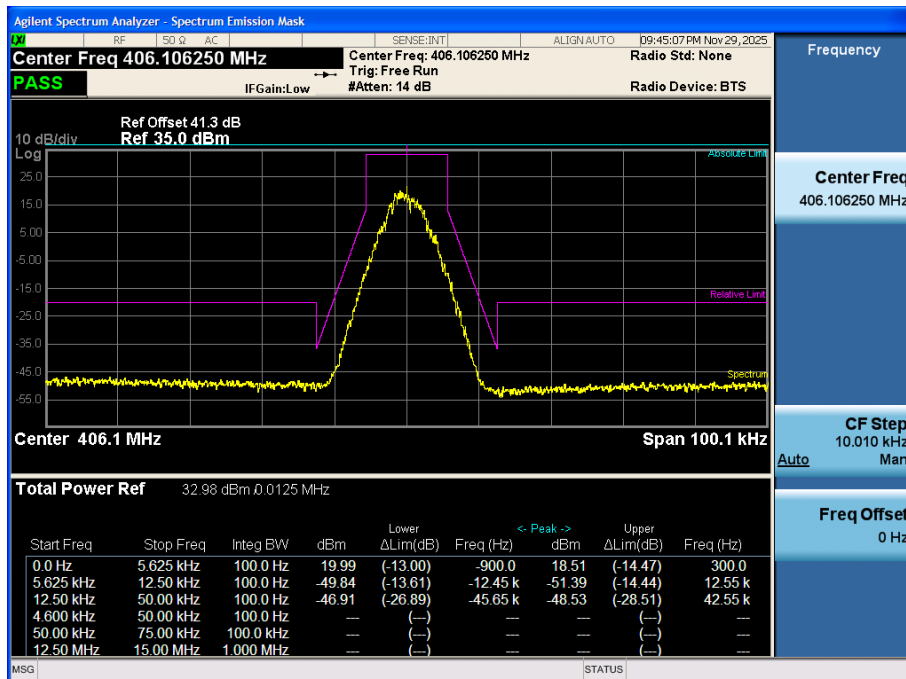
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Emission Masks

UL_C4FM_LCH_Pre-AGC



UL_C4FM_LCH_3dB above AGC



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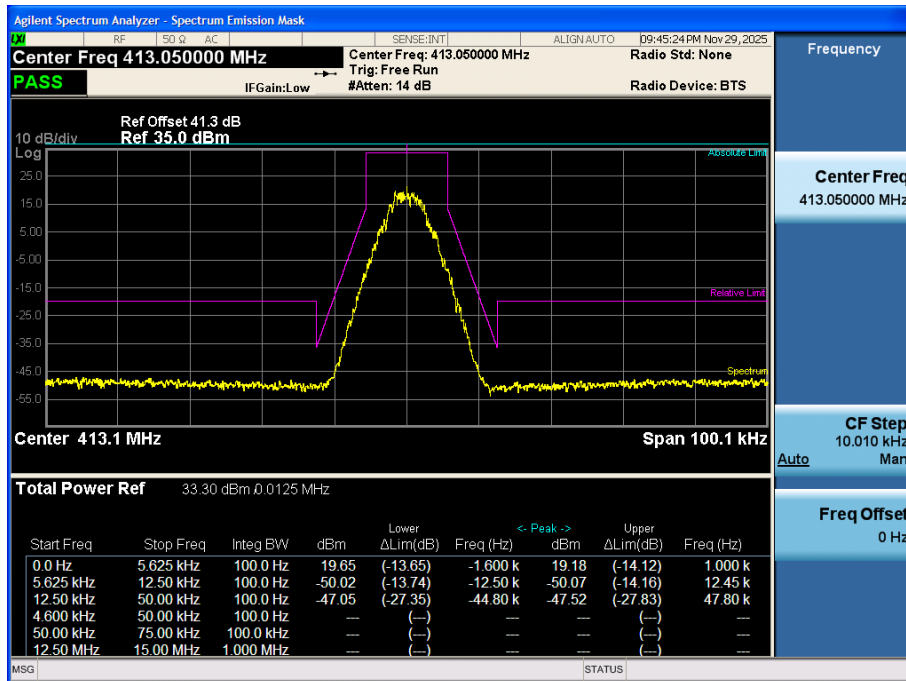
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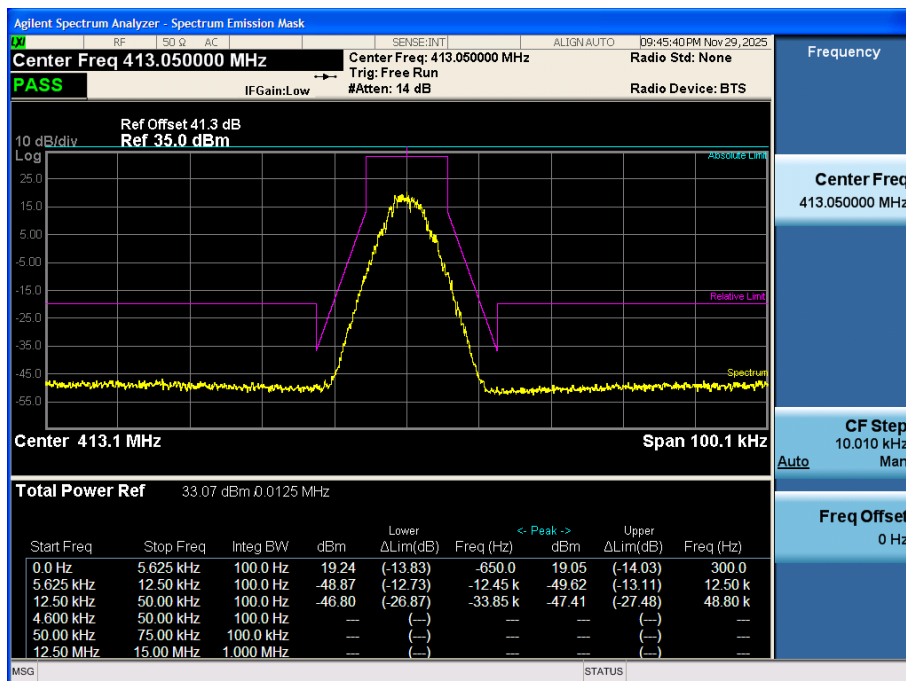
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Emission Masks

UL_C4FM_MCH_Pre-AGC



UL_C4FM_MCH_3dB above AGC

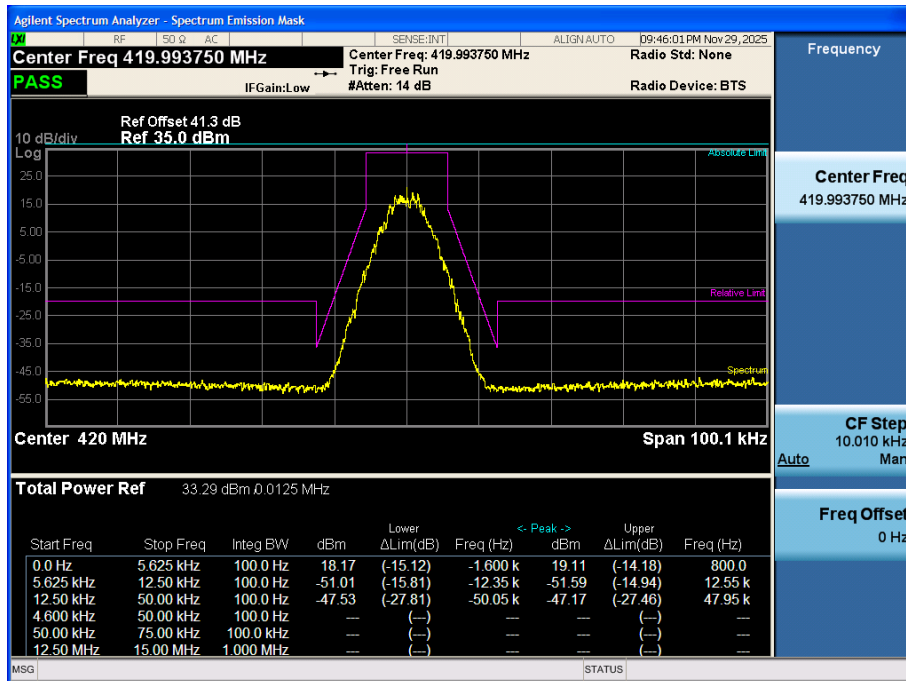


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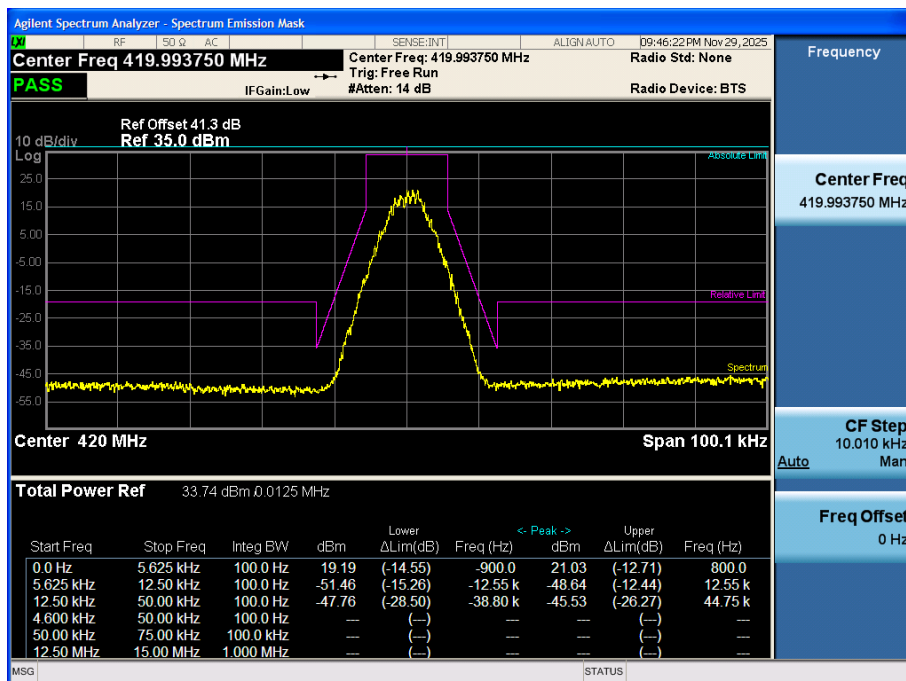
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Emission Masks

UL_C4FM_HCH_Pre-AGC



UL_C4FM_HCH_3dB above AGC

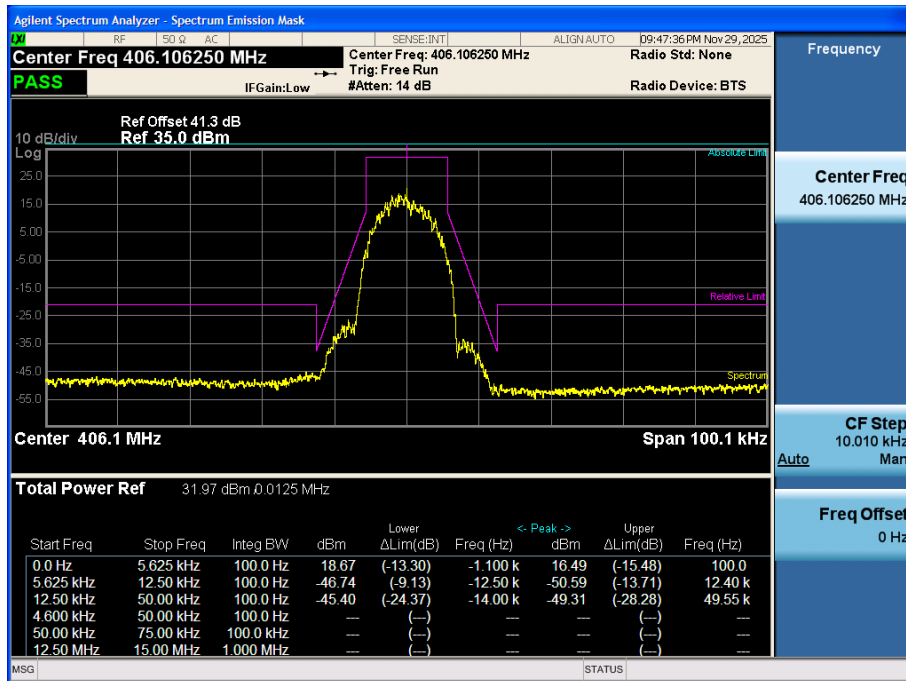


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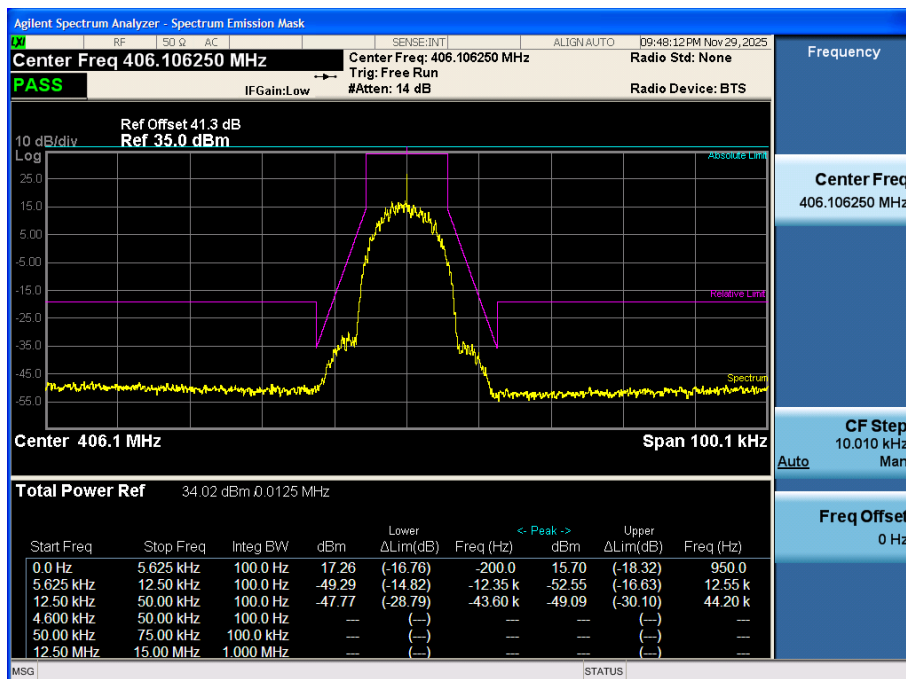
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Emission Masks

UL_H-DQPSK_LCH_Pre-AGC



UL_H-DQPSK_LCH_3dB above AGC



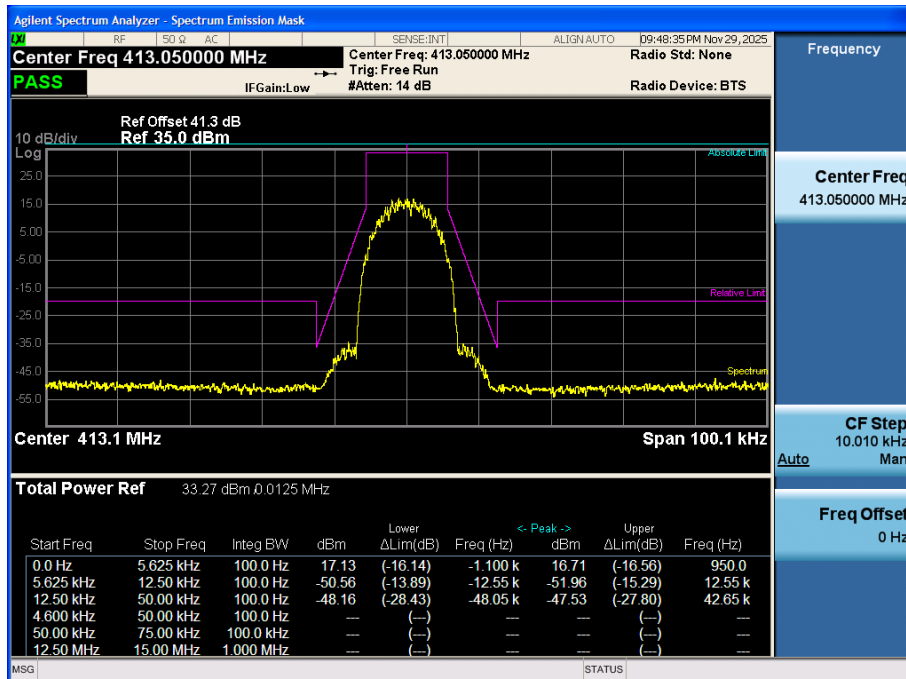
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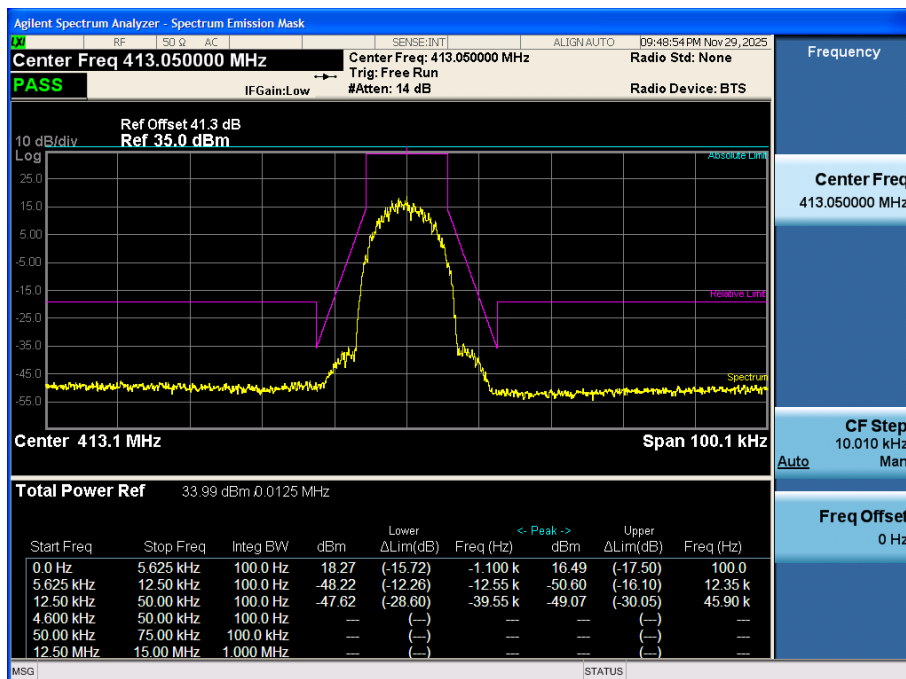
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Emission Masks

UL_H-DQPSK_MCH_Pre-AGC



UL_H-DQPSK_MCH_3dB above AGC

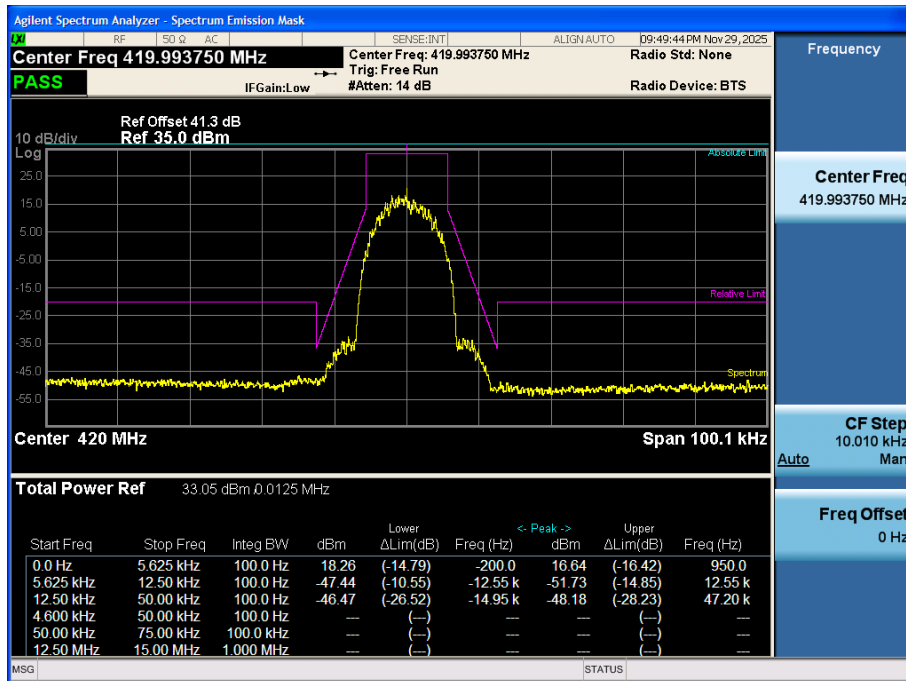


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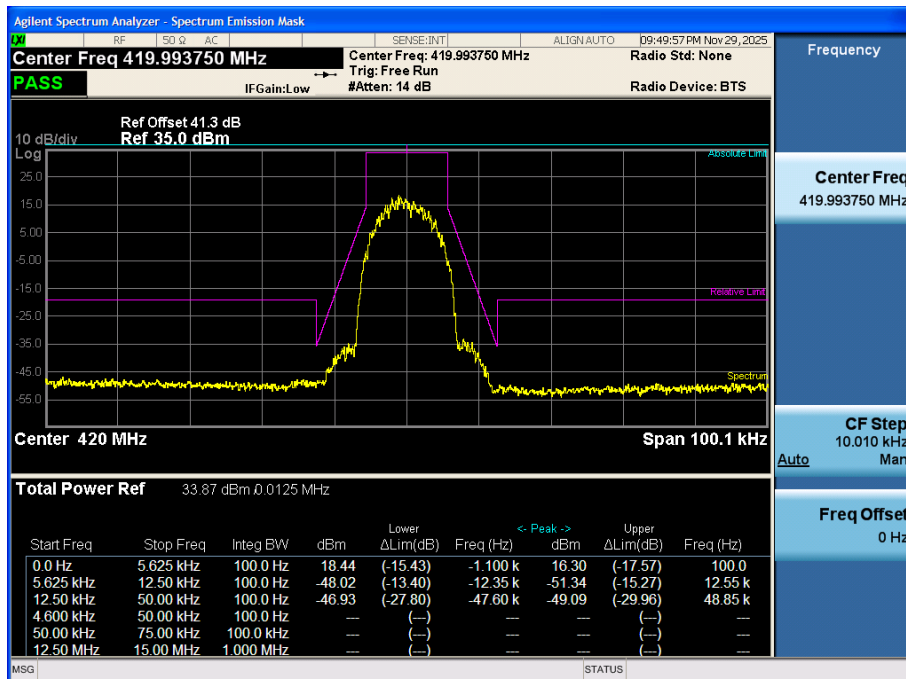
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Emission Masks

UL_H-DQPSK_HCH_Pre-AGC



UL_H-DQPSK_HCH_3dB above AGC

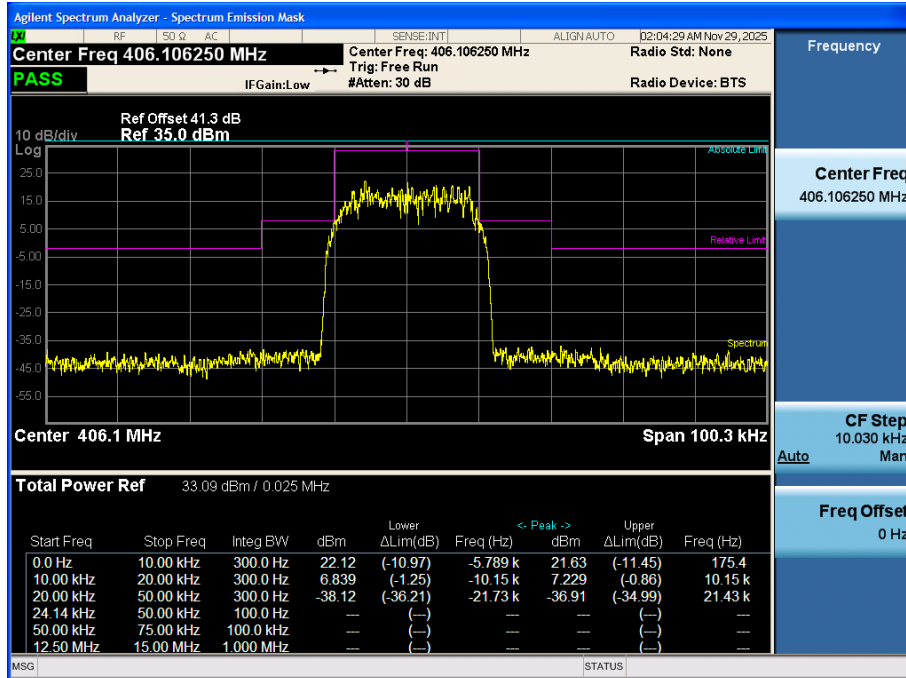


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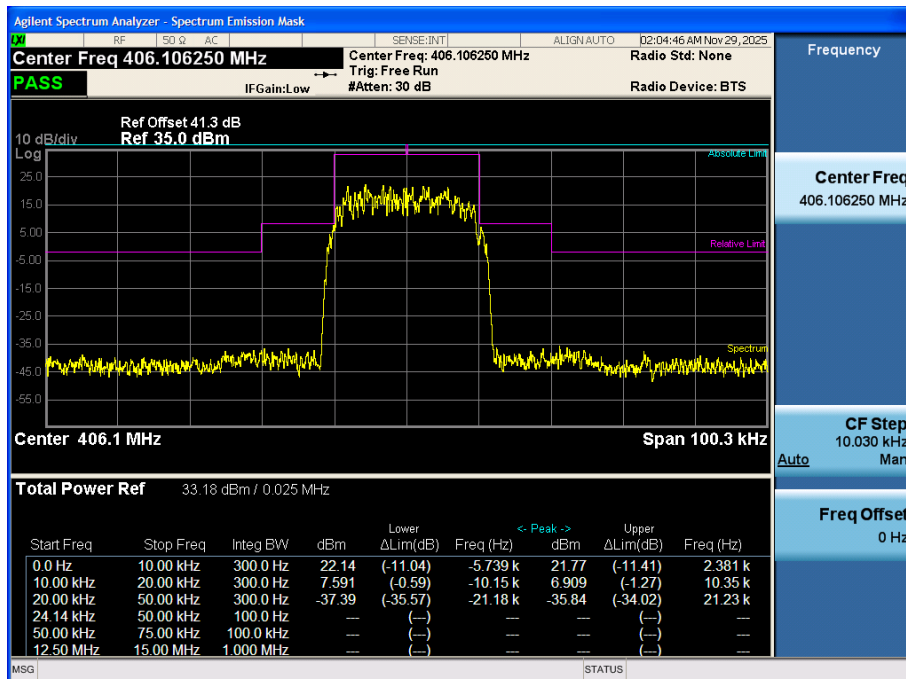
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Emission Masks

UL_π/4-DQPSK_LCH_Pre-AGC



UL_π/4-DQPSK_LCH_3dB above AGC

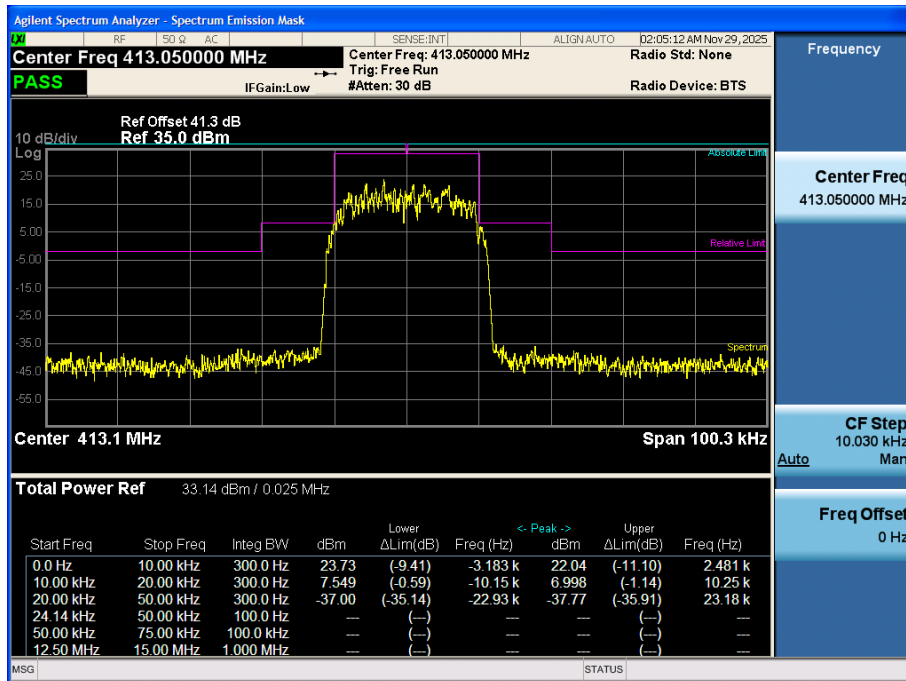


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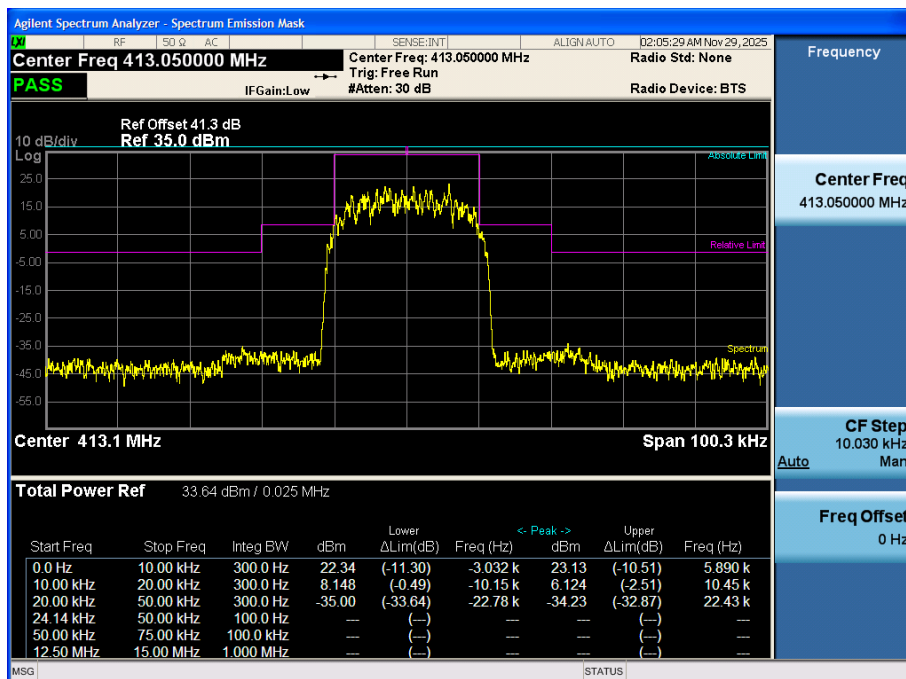
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Emission Masks

UL_π/4-DQPSK_MCH_Pre-AGC



UL_π/4-DQPSK_MCH_3dB above AGC



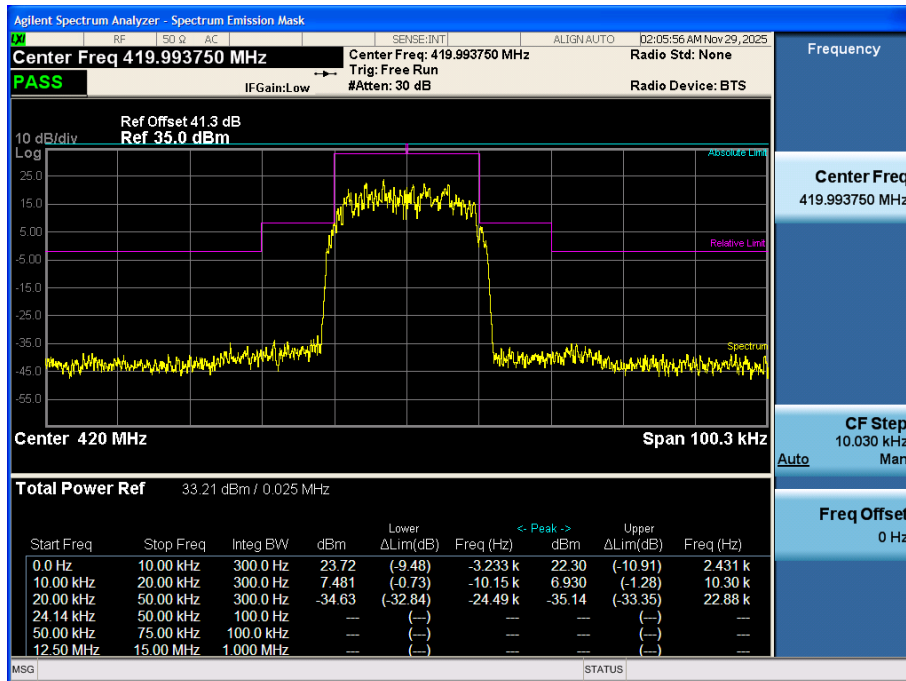
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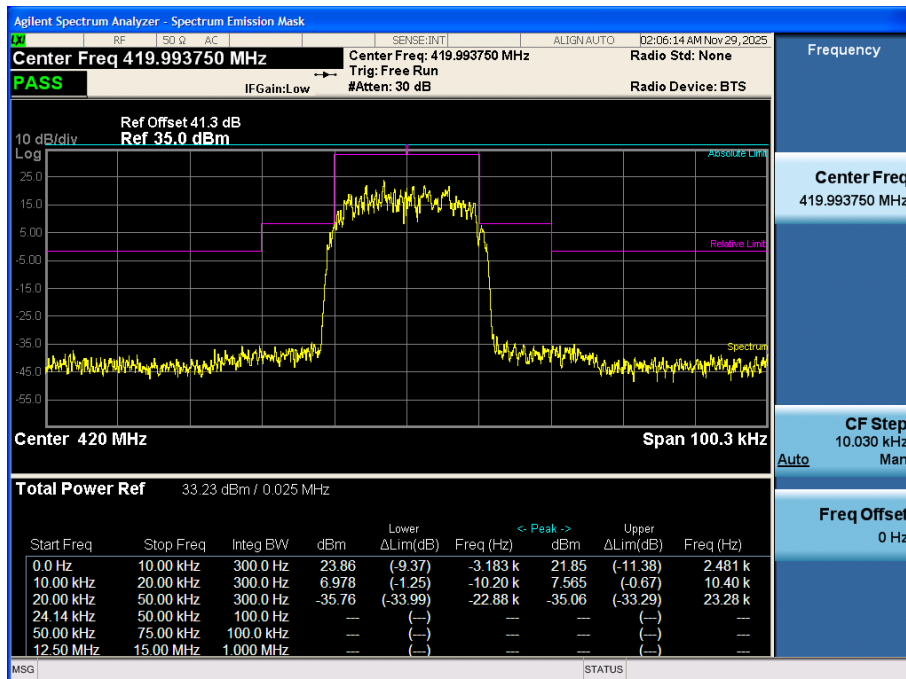
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Emission Masks

UL_π/4-DQPS _HCH_Pre-AGC



UL_π/4-DQPSK _HCH_3dB above AGC



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EMC-ARF-05 Rev 1.1

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5 Noise Figure

Noise Figure			
Test path	Noise figure (dB)	Limit (dB)	Verdict
DL	5.82	≤9	PASS
UL	6.20	≤9	PASS



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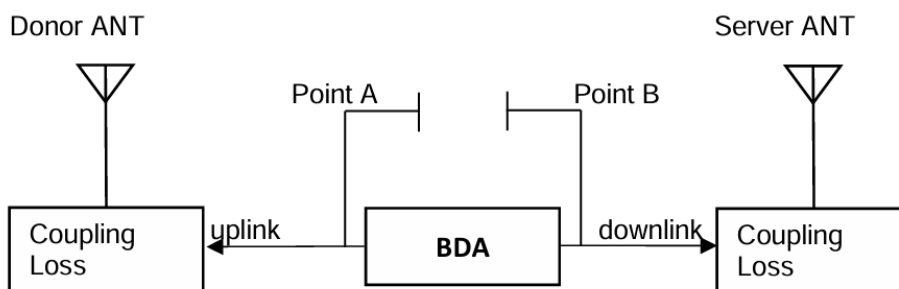
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6 Intermodulation emissions

Intermodulation								
Test path	f0 (MHz)	CW signal spacing (kHz)	Signal level	Worst conducted test level (dBm/300Hz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10kHz)	Limit (dBm/10kHz)
DL	418.0	6.25	Pre-AGC	-16.64	0	63.85	-67.41	-30
			3dB above AGC	-14.51	0	63.85	-65.28	-30
		12.5	Pre-AGC	-15.79	0	63.85	-66.56	-30
			3dB above AGC	-14.15	0	63.85	-64.92	-30
		25	Pre-AGC	-16.76	0	63.85	-67.53	-30
			3dB above AGC	-15.59	0	63.85	-66.36	-30

Remark:

- f0 is from Out-of-band Rejection test in the report.
- As part of the system commissioning process, professional Zone Enhancer installers and field technicians measure intermodulation products and noise levels by connecting a spectrum analyzer to the output of the enhancers in the field. Since each deployment involves a unique passive distribution network, technicians are required to access the Effective Radiated Power (ERP) at the antenna by factoring in losses from passive components such as attenuators, coaxial cables, couplers and filters. Necessary adjustments are made to ensure compliance with the regulatory limits outlined below. Setting details were declared by manufacture and stated in the user manual. Therefore, the Coupling loss in engineering practice must be greater than 63.85dB to eliminate the interference.



- According to the declaration from the manufacture, the single Antenna gain should not exceed 5dBi.
- $ERP_{final} = \text{Conducted Power} + 10 \cdot \log(10\text{kHz}/300\text{Hz}) + \text{Antenna Gain} - 2.15\text{dB} - \text{Coupling Loss}$.
- The test plots are only to record the case without engineering practice for reference.



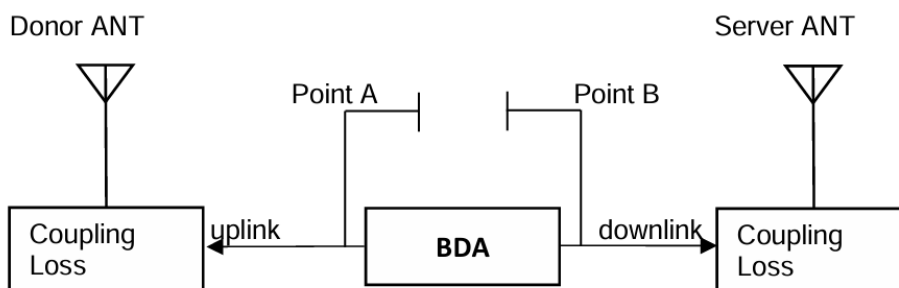
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Intermodulation								
Test path	f0 (MHz)	CW signal spacing (kHz)	Signal level	Worst conducted test level (dBm/300Hz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10k Hz)	Limit (dBm/10k Hz)
UL	412.0	6.25	Pre-AGC	-30.14	0	60.85	-77.91	-30
			3dB above AGC	-30.17	0	60.85	-77.94	-30
		12.5	Pre-AGC	-30.86	0	60.85	-78.63	-30
			3dB above AGC	-31.65	0	60.85	-79.42	-30
		25	Pre-AGC	-29.86	0	60.85	-77.63	-30
			3dB above AGC	-29.75	0	60.85	-77.52	-30

Remark:

- f0 is from Out-of-band Rejection test in the report.
- As part of the system commissioning process, processional Zone Enhancer installers and field technicians measure intermodulation products and noise levels by connecting a spectrum analyzer to the output of the enhancers in the field. Since each deployment involves a unique passive distribution network, technicians are required to access the Effective Radiated Power (ERP) at the antenna by factoring in losses from passive components such as attenuators, coaxial cables, couplers and filters. Necessary adjustments are made to ensure compliance with the regulatory limits outlined below. Setting details were declared by manufacture and stated in the user manual. Therefore, the Coupling loss in engineering practice must be greater than 60.85dB to eliminate the interference.



- According to the declaration from the manufacture, the single Antenna gain should not exceed 5dBi.
- $ERP_{final} = \text{Conducted Power} + 10 \cdot \log(10\text{kHz}/300\text{Hz}) + \text{Antenna Gain} - 2.15\text{dB} - \text{Coupling Loss}$.
- The test plots are only to record the case without engineering practice for reference.

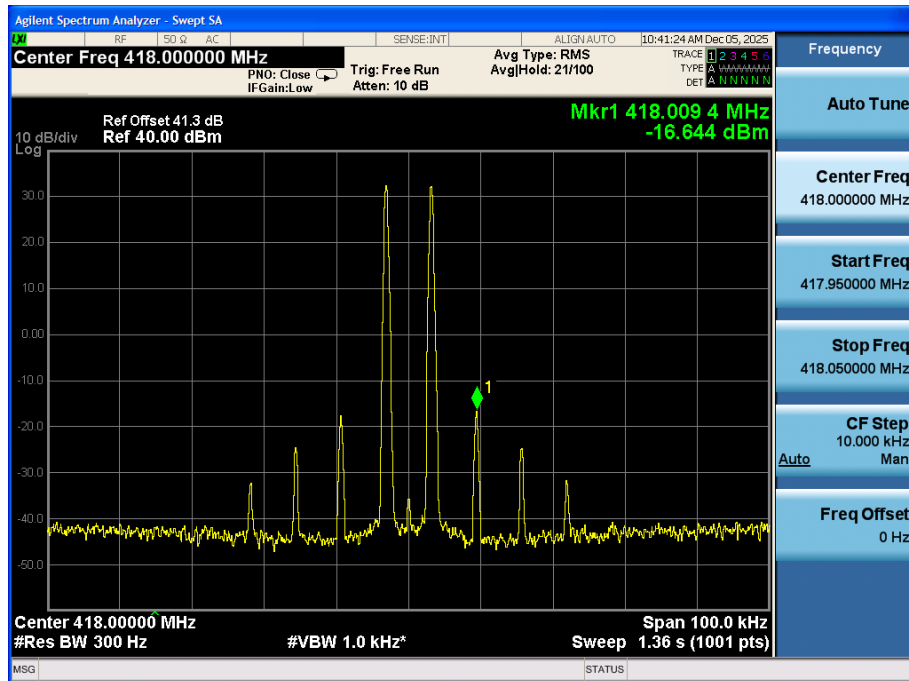


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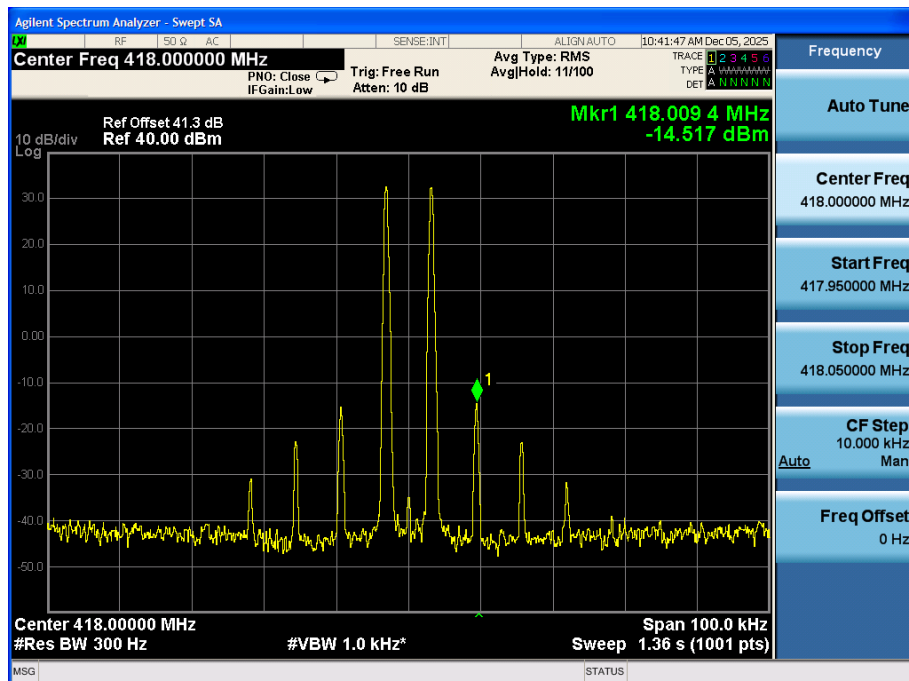
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Intermodulation

DL_6.25kHz_Pre-AGC



DL_6.25kHz_3dB above AGC



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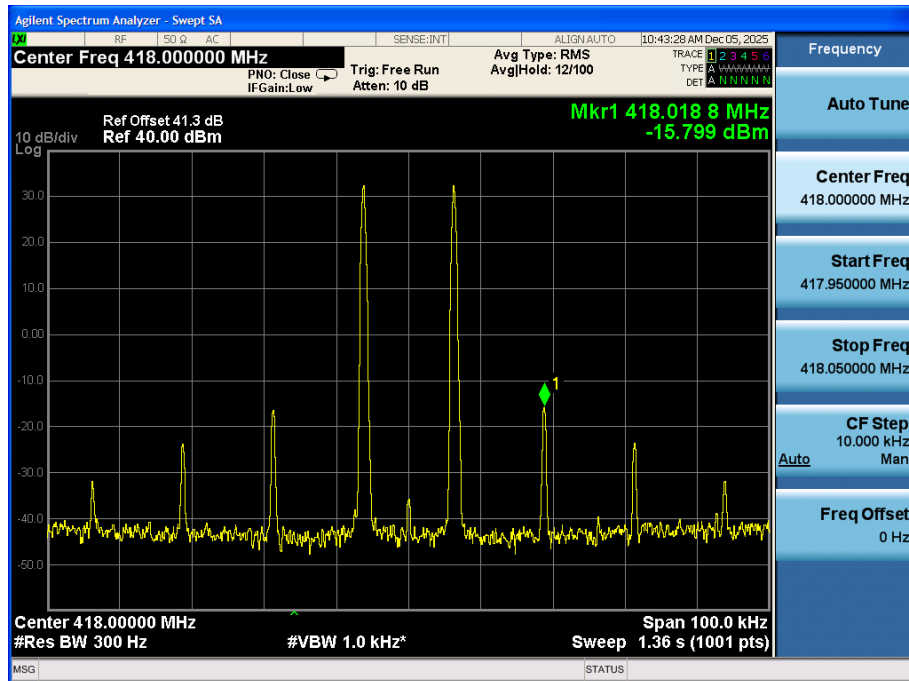
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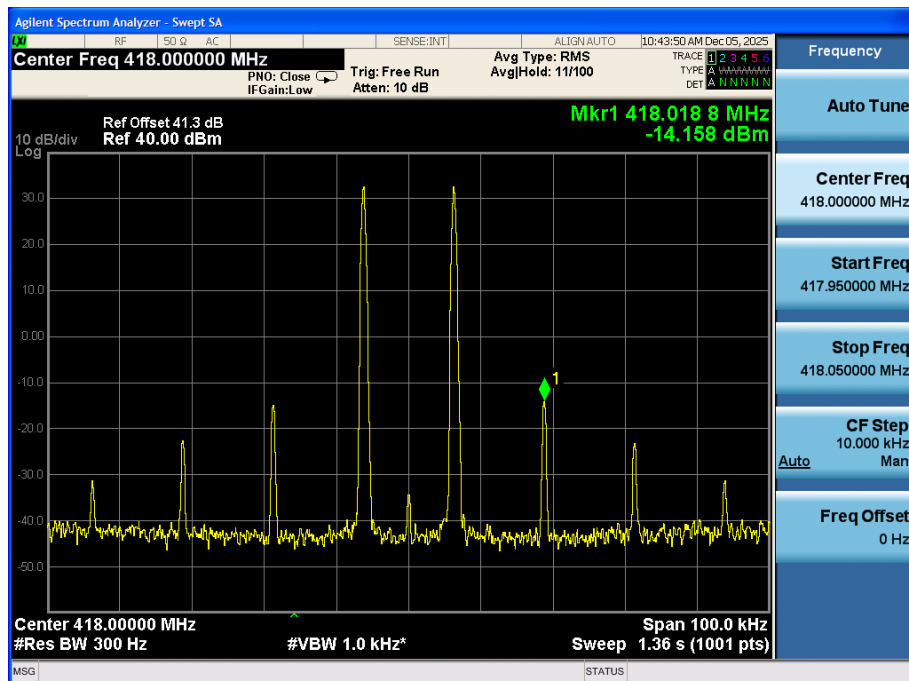
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Intermodulation

DL_12.5kHz_Pre-AGC



DL_12.5kHz_3dB above AGC



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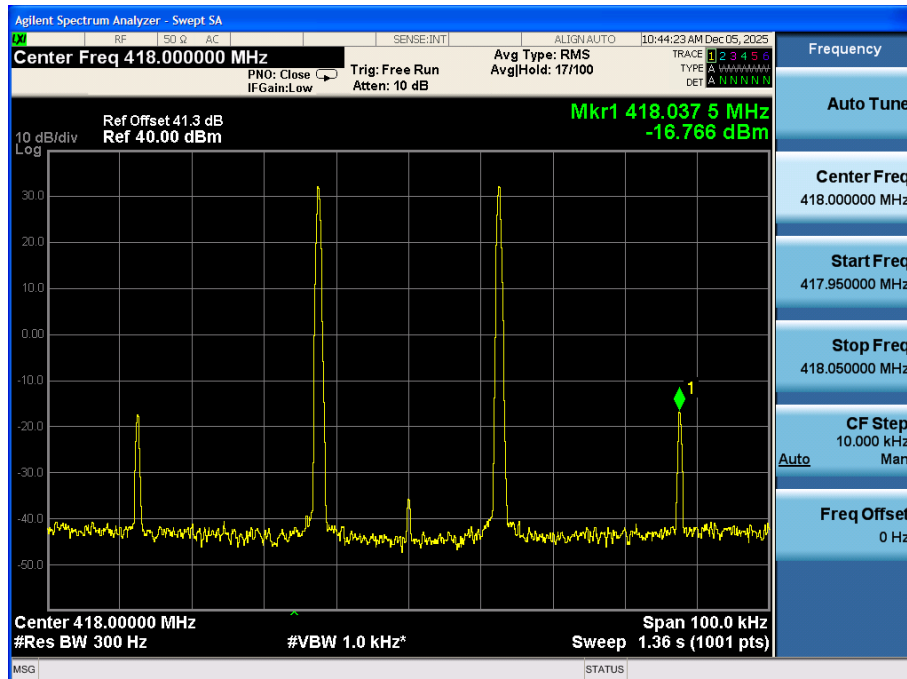
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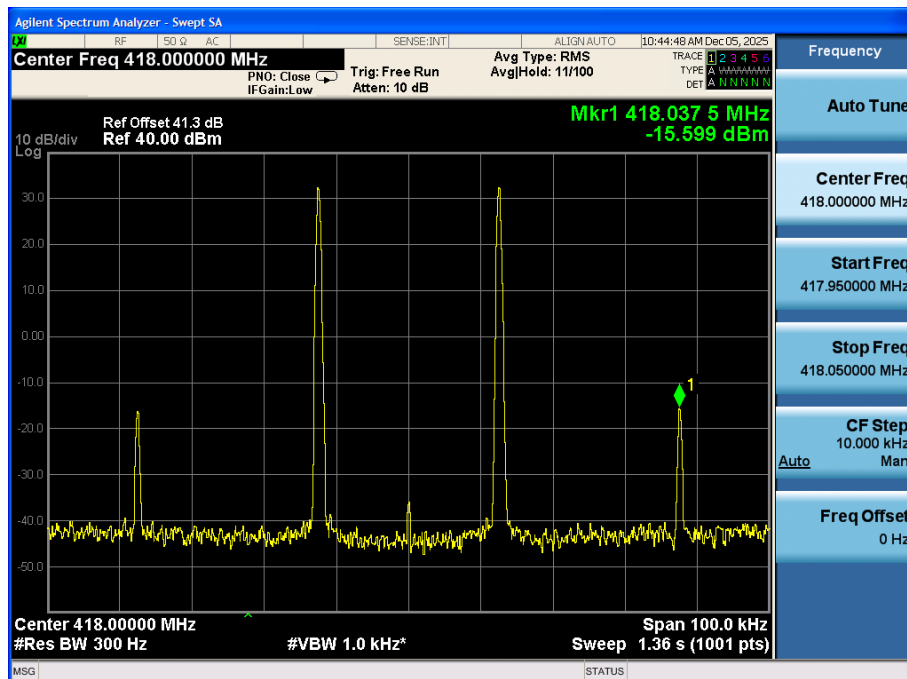
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Intermodulation

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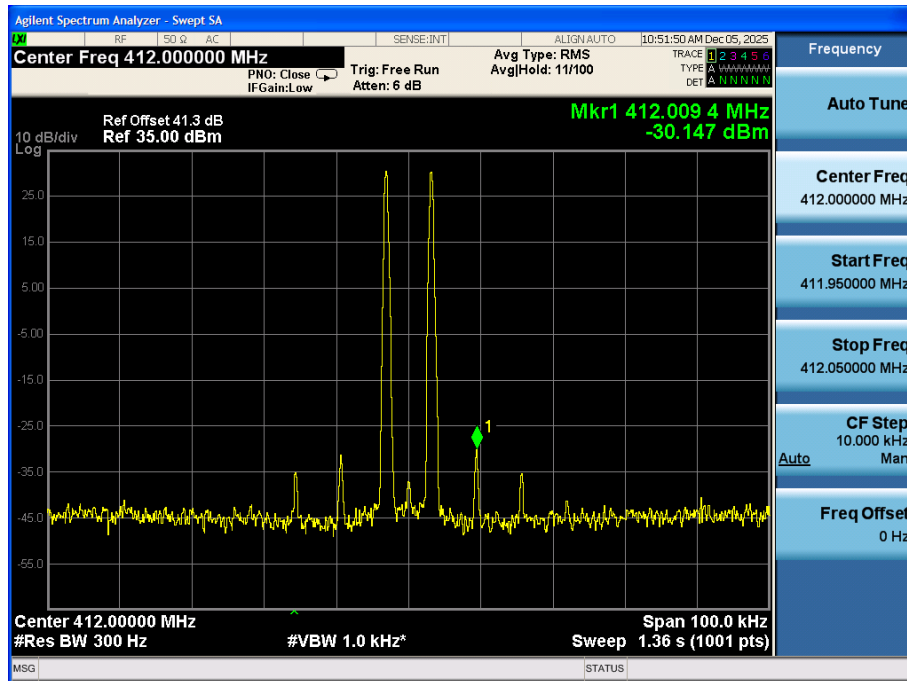
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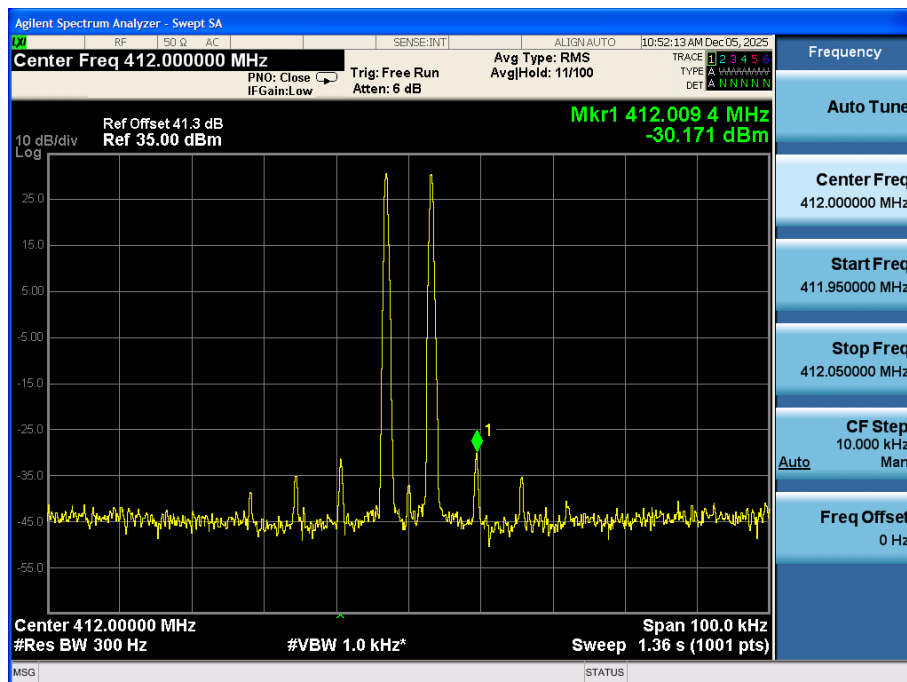
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Intermodulation

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UL_6.25kHz_3dB above AGC



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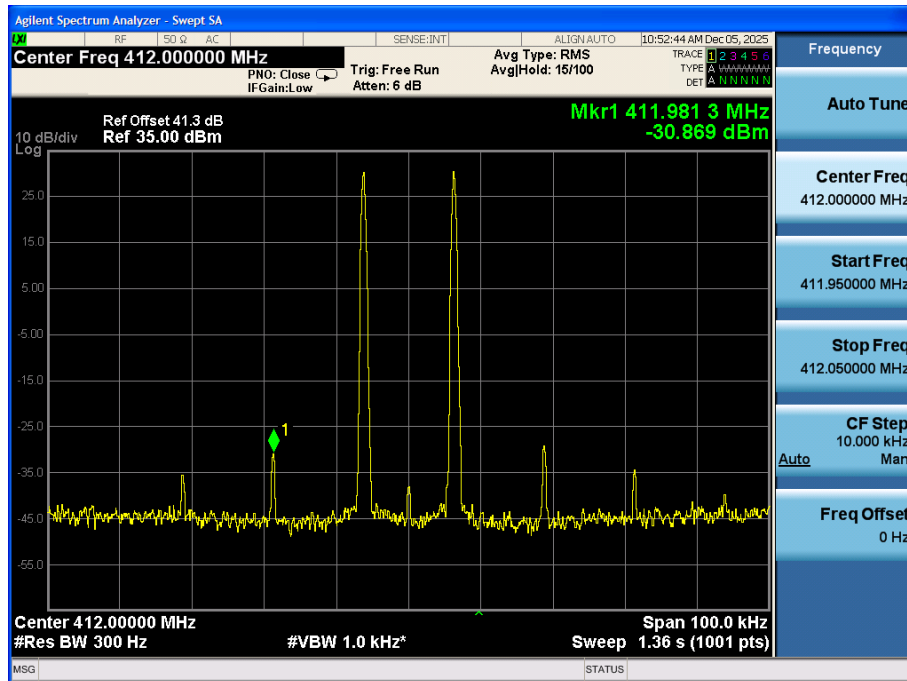
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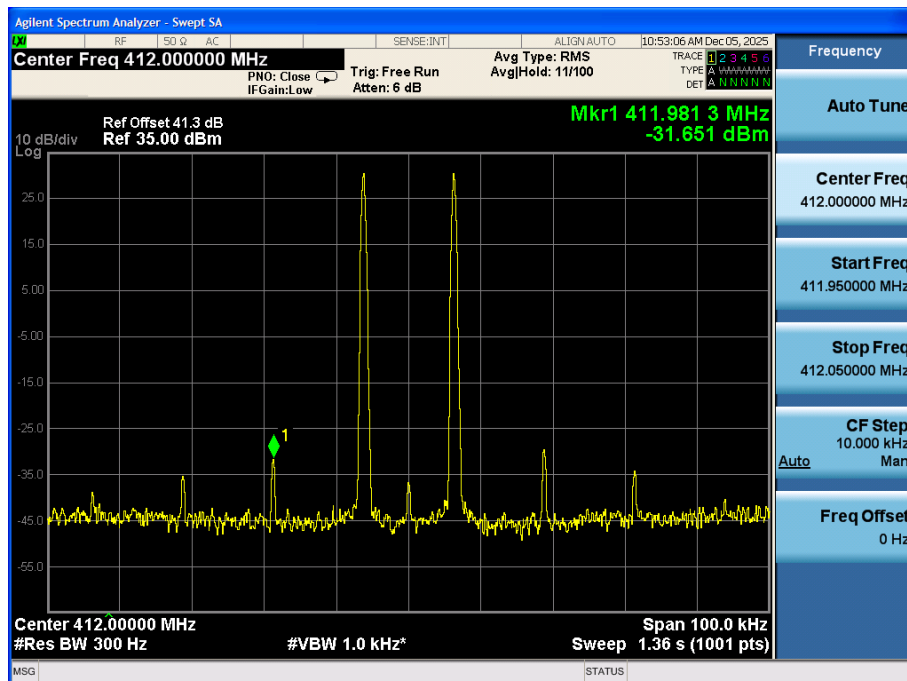
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Intermodulation

UL_12.5kHz_Pre-AGC



UL_12.5kHz_3dB above AGC

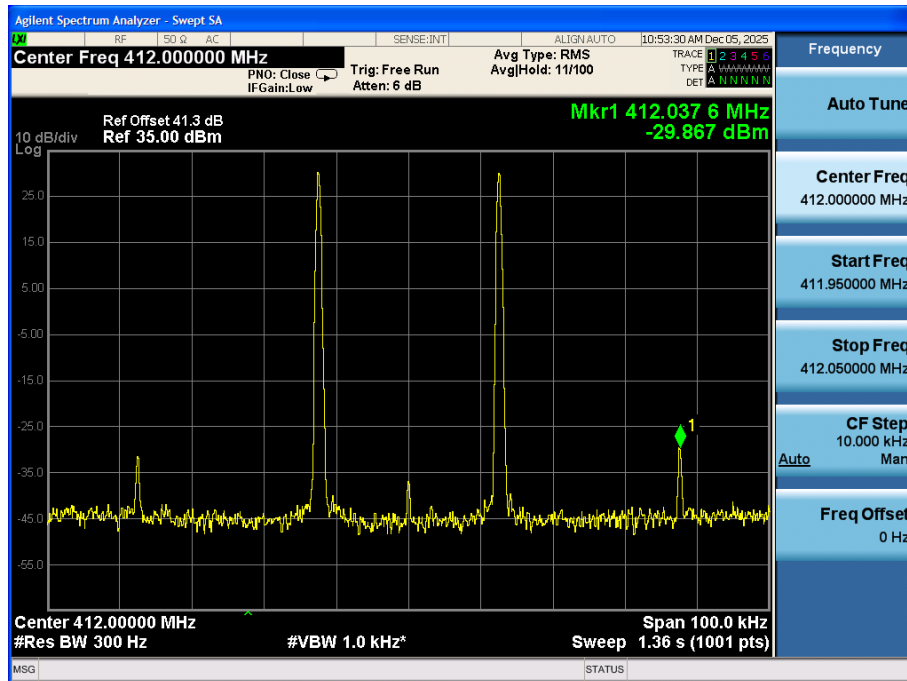


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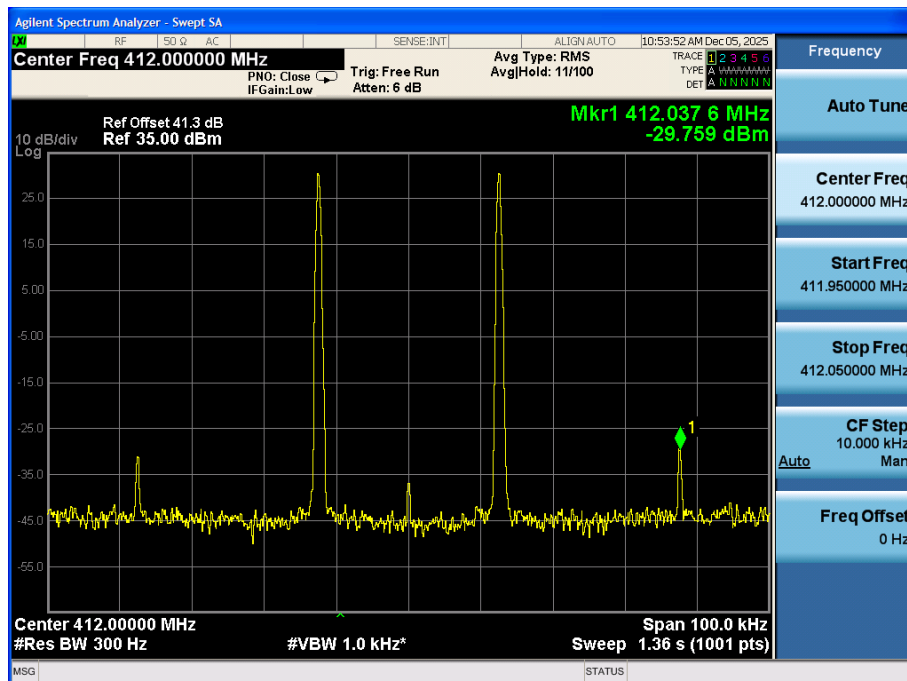
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Intermodulation

UL_25kHz_Pre-AGC



UL_25kHz_3dB above AGC



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EMC-ARF-05 Rev 1.1

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7 Conducted Spurious emissions

Conducted Spurious emissions						
Test path	Test signal	Test channel	Frequency range (MHz)	Worst test level (dBm)	Limit (dBm)	Verdict
DL	CW	MCH	0.009-1000	-17.32	≤-13	PASS
			1000-4200	-32.02	≤-13	PASS
UL	CW	MCH	0.009-1000	-18.67	≤-13	PASS
			1000-4200	-32.27	≤-13	PASS
Remark: The conducted spurious emissions 9kHz to 30MHz were very low and not displaved test plots in this report.						



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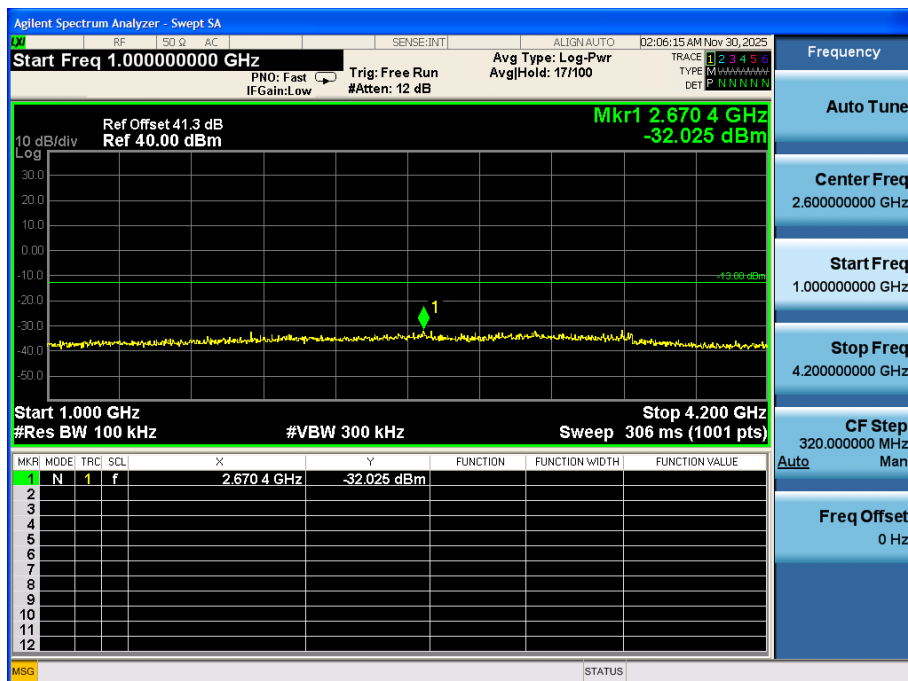
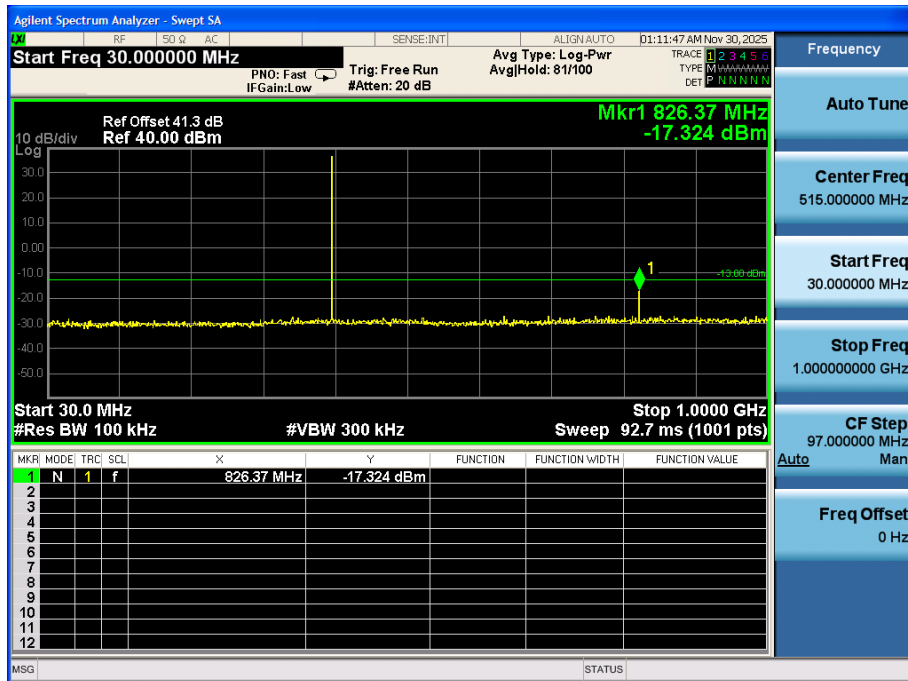
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Conducted Spurious emissions

DL_CW_MCH

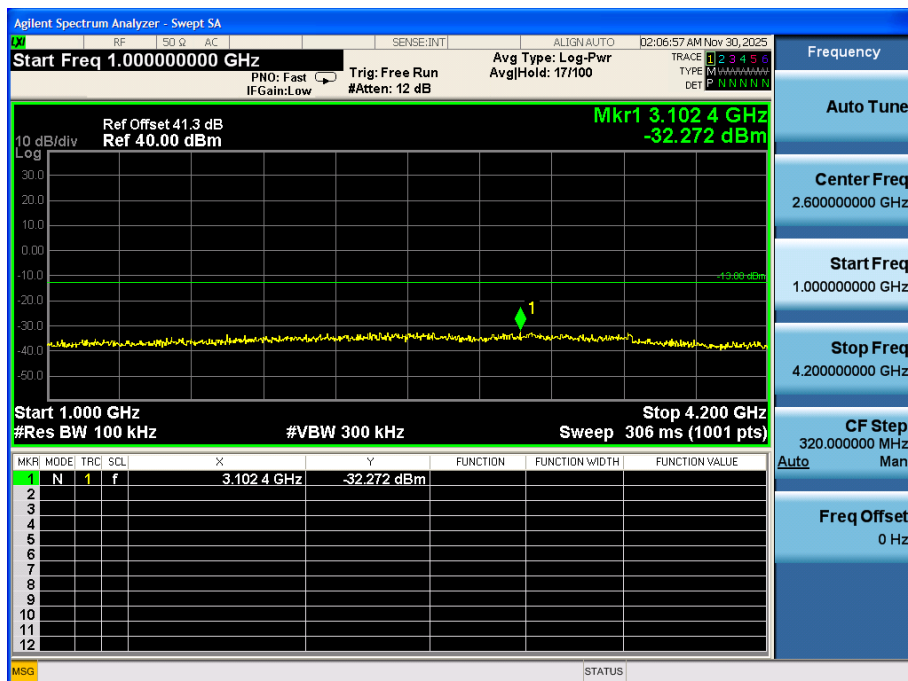
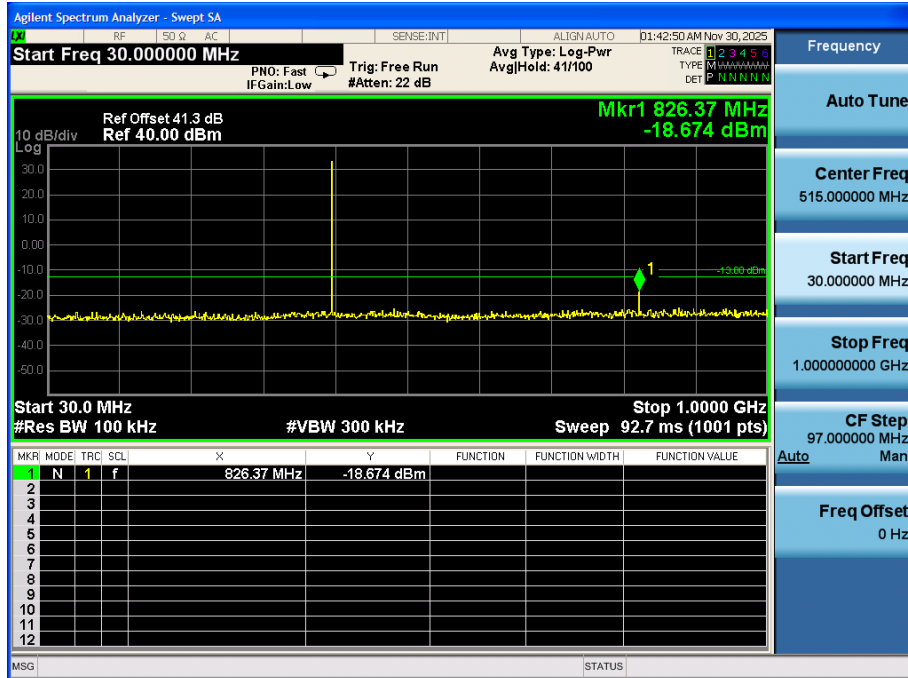


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Conducted Spurious emissions

UL_CW_MCH



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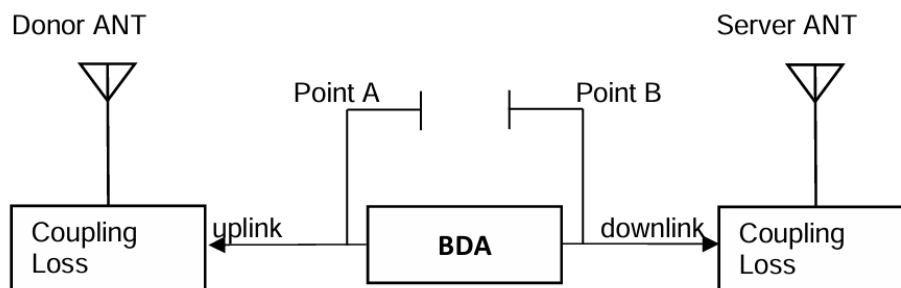
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8 Noise

Noise						
Noise within the passband						
Test path	Frequency range (MHz)	Worst conducted test level (dBm/10kHz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10kHz)	Limit (dBm/10kHz)
DL	406.1-420	-32.95	0	63.85	-97.95	-43
Noise outside of the passband						
Test path	Frequency range (MHz)	Worst conducted test level (dBm/10kHz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10kHz)	Limit (dBm/10kHz)
DL	0.009-405.1	-47.40	0	63.85	-113.40	-70
	421-4200	-43.88	0	63.85	-109.88	-70

Remark:

- As part of the system commissioning process, professional Zone Enhancer installers and field technicians measure intermodulation products and noise levels by connecting a spectrum analyzer to the output of the enhancers in the field. Since each deployment involves a unique passive distribution network, technicians are required to access the Effective Radiated Power (ERP) at the antenna by factoring in losses from passive components such as attenuators, coaxial cables, couplers and filters. Necessary adjustments are made to ensure compliance with the regulatory limits outlined below. Setting details were declared by manufacture and stated in the user manual. Therefore, the Coupling loss in engineering practice must be greater than 63.85dB to eliminate the interference.



- According to the declaration from the manufacture, the single Antenna gain should not exceed 5dBi.
- $ERP_{final} = \text{Conducted Power} + \text{Antenna Gain} - 2.15\text{dB} - \text{Coupling Loss}$.
- The test plots are only to record the case without engineering practice for reference.



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Noise						
Noise within the passband						
Test path	Frequency range (MHz)	Worst conducted test level (dBm/10kHz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10kHz)	Limit (dBm/10kHz)
UL	406.1-420	-33.95	0	60.85	-96.95	-43
Noise outside of the passband						
Test path	Frequency range (MHz)	Worst conducted test level (dBm/10kHz)	Antenna Gain (dBi)	Coupling loss (dB)	ERP (dBm/10kHz)	Limit (dBm/10kHz)
UL	0.009-405.1	-48.00	0	60.85	-111.00	-70
	421-4200	-46.08	0	60.85	-109.08	-70

Remark:

- As part of the system commissioning process, processional Zone Enhancer installers and field technicians measure intermodulation products and noise levels by connecting a spectrum analyzer to the output of the enhancers in the field. Since each deployment involves a unique passive distribution network, technicians are required to access the Effective Radiated Power (ERP) at the antenna by factoring in losses from passive components such as attenuators, coaxial cables, couplers and filters. Necessary adjustments are made to ensure compliance with the regulatory limits outlined below. Setting details were declared by manufacture and stated in the user manual. Therefore, the Coupling loss in engineering practice must be greater than 60.85dB to eliminate the interference.

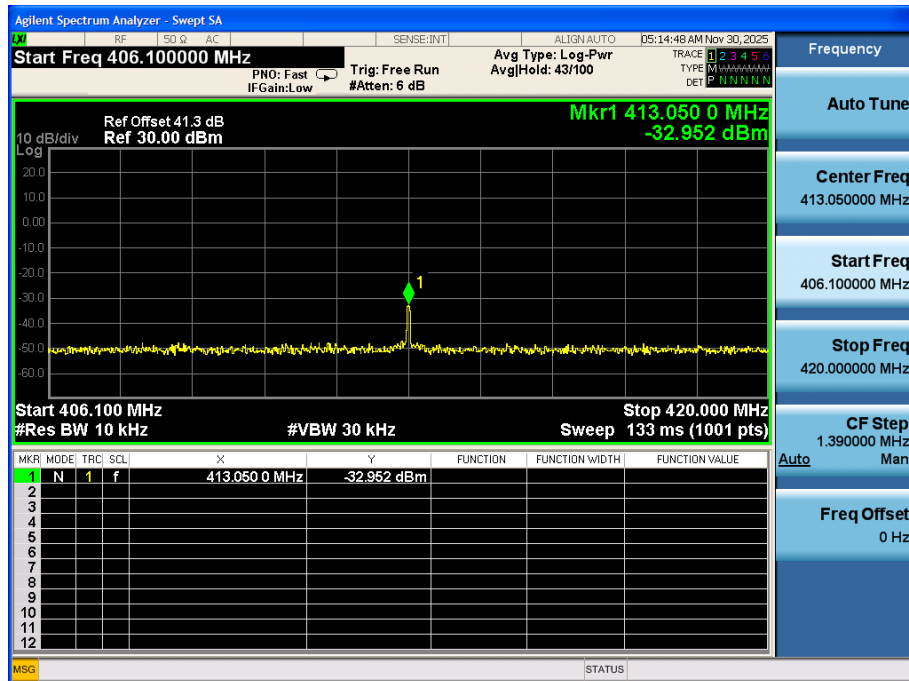
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graph LR
    DonorANT[Donor ANT] --- CL1[Coupling Loss]
    CL1 -- uplink --> BDA[BDA]
    BDA -- downlink --> CL2[Coupling Loss]
    CL2 --- ServerANT[Server ANT]
    
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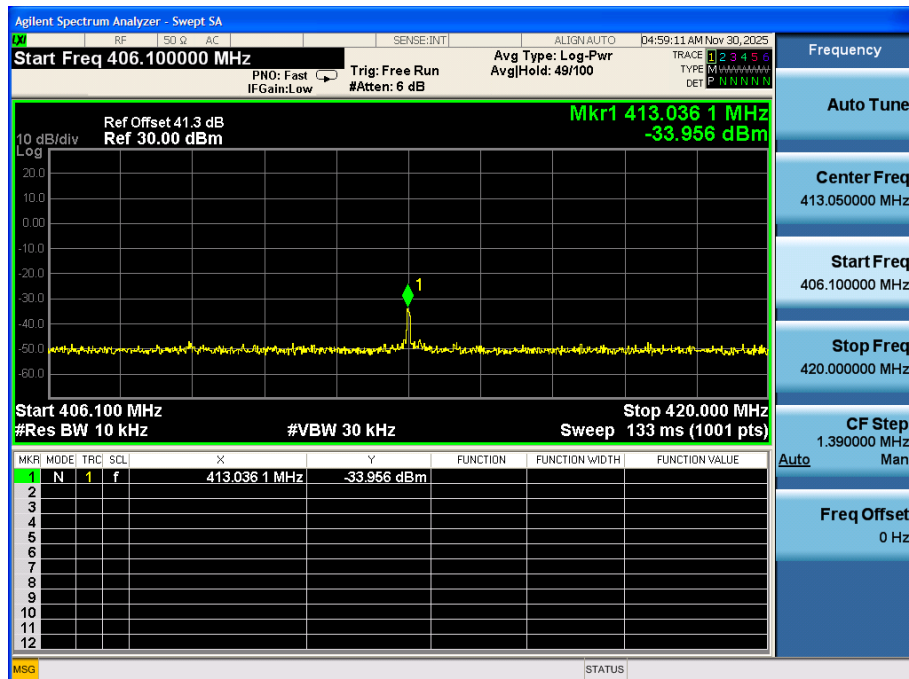
- According to the declaration from the manufacture, the single Antenna gain should not exceed 5dBi.
- $ERP_{final} = \text{Conducted Power} + \text{Antenna Gain} - 2.15\text{dB} - \text{Coupling Loss}$.
- The test plots are only to record the case without engineering practice for reference.

Noise within the passband

DL



UL



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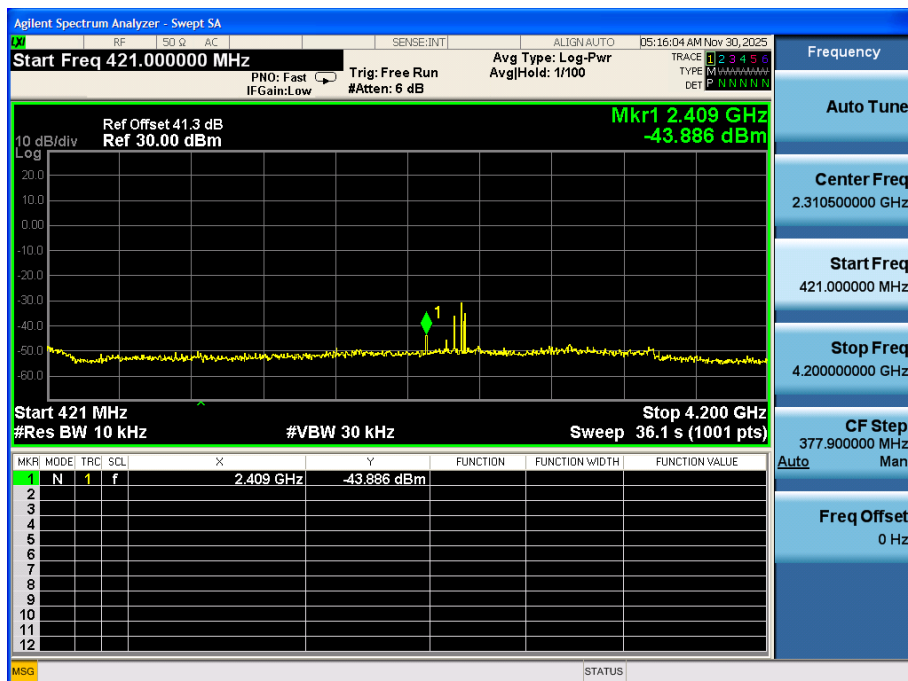
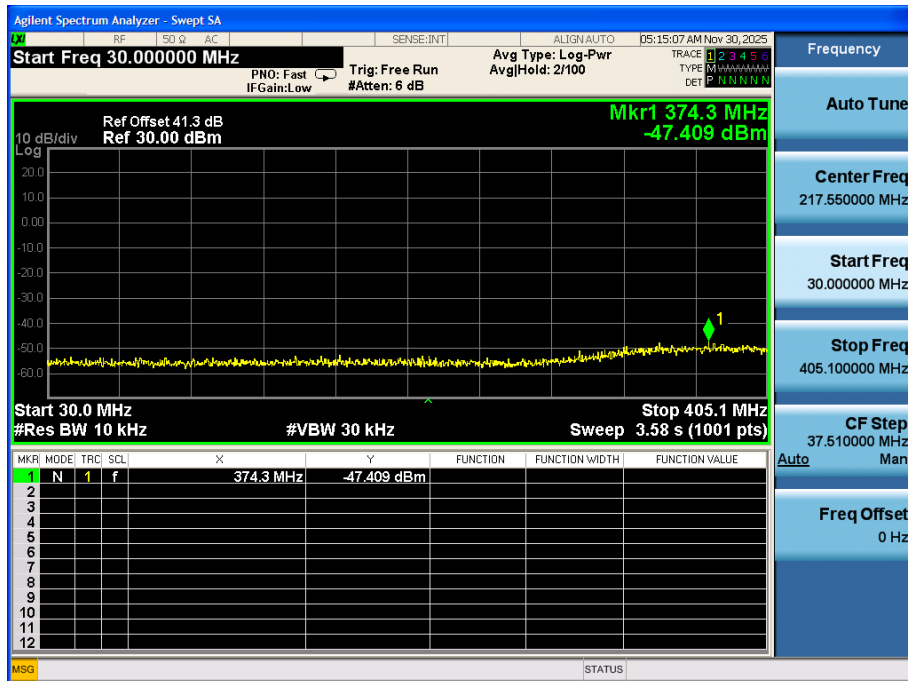
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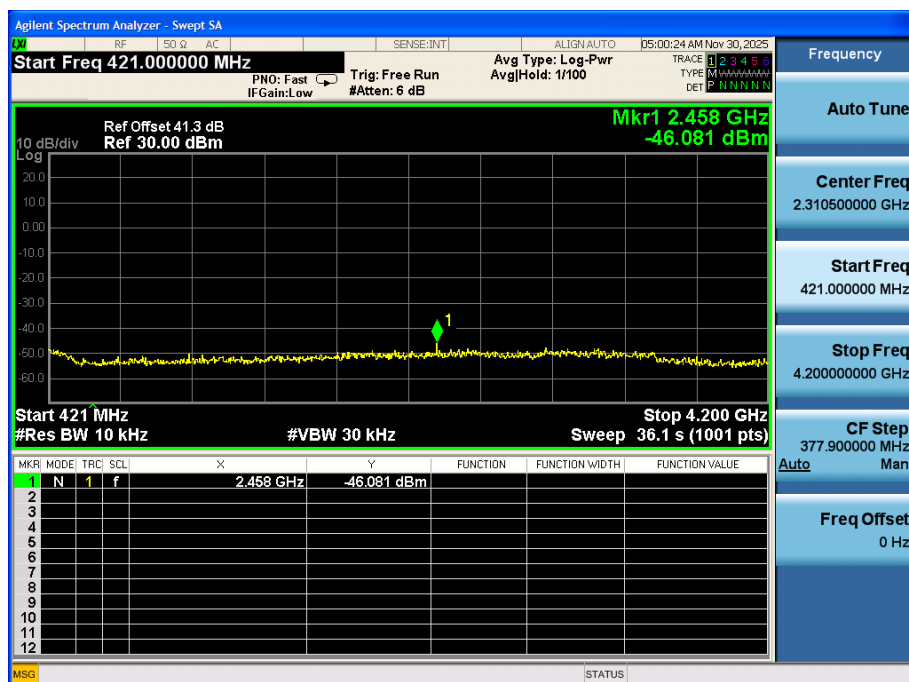
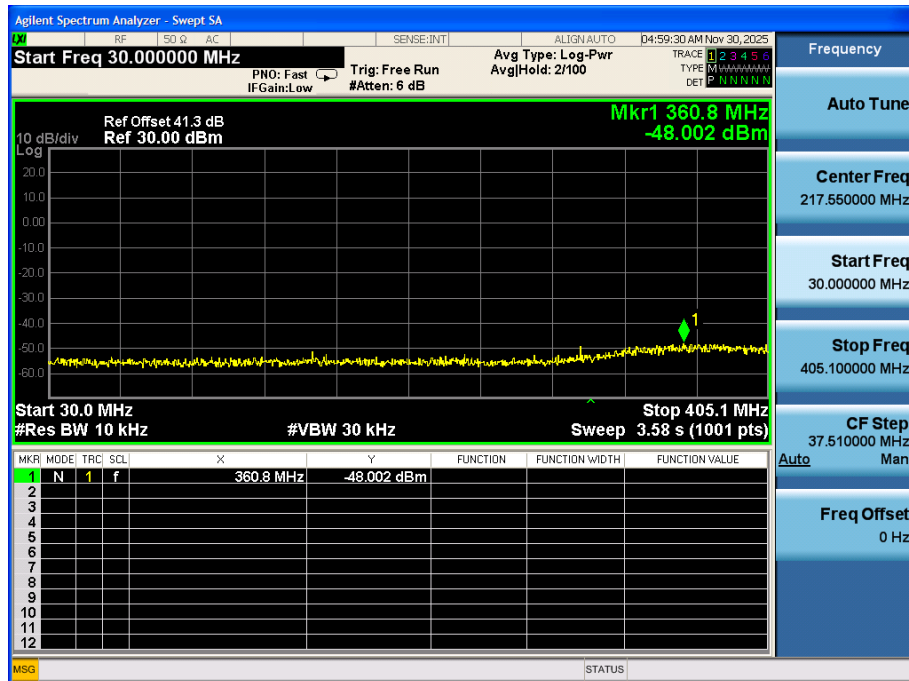
Noise outside the passband

DL



Noise outside the passband

UL



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9 Frequency Stability

Frequency stability vs voltage							
Test path	Test Signal	Test Channel	Temperature	Voltage	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	FM	MCH	TN	VL	2.9	0.00702	PASS
			TN	VH	2.9	0.00702	PASS
	DMR	MCH	TN	VL	3.1	0.00751	PASS
			TN	VH	3.1	0.00751	PASS
	C4FM	MCH	TN	VL	2.3	0.00557	PASS
			TN	VH	2.3	0.00557	PASS
	H-DQPSK	MCH	TN	VL	1.8	0.00436	PASS
			TN	VH	1.8	0.00436	PASS
	$\pi/4$ -DQPSK	MCH	TN	VL	2.1	0.00508	PASS
			TN	VH	2.1	0.00508	PASS
UL	FM	MCH	TN	VL	2.0	0.00484	PASS
			TN	VH	2.0	0.00484	PASS
	DMR	MCH	TN	VL	2.1	0.00508	PASS
			TN	VH	2.1	0.00508	PASS
	C4FM	MCH	TN	VL	1.6	0.00387	PASS
			TN	VH	1.6	0.00387	PASS
	H-DQPSK	MCH	TN	VL	1.7	0.00412	PASS
			TN	VH	1.7	0.00412	PASS
	$\pi/4$ -DQPSK	MCH	TN	VL	2.2	0.00533	PASS
			TN	VH	2.2	0.00533	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	FM	MCH	VN	+50	2.9	0.00702	PASS
			VN	+40	3.2	0.00775	PASS
			VN	+30	3.1	0.00751	PASS
			VN	+20	2.9	0.00702	PASS
			VN	+10	2.3	0.00557	PASS
			VN	0	2.1	0.00508	PASS
			VN	-10	1.8	0.00436	PASS
			VN	-20	1.7	0.00412	PASS
			VN	-30	2.8	0.00678	PASS
	DMR	MCH	VN	+50	3.1	0.00751	PASS
			VN	+40	2.0	0.00484	PASS
			VN	+30	1.2	0.00291	PASS
			VN	+20	3.1	0.00751	PASS
			VN	+10	1.6	0.00387	PASS
			VN	0	1.6	0.00387	PASS
			VN	-10	3.3	0.00799	PASS
			VN	-20	1.7	0.00412	PASS
			VN	-30	2.7	0.00654	PASS
	C4FM	MCH	VN	+50	2.2	0.00533	PASS
			VN	+40	2.6	0.00629	PASS
			VN	+30	2.1	0.00508	PASS
			VN	+20	2.3	0.00557	PASS
			VN	+10	3.2	0.00775	PASS
			VN	0	2.5	0.00605	PASS
			VN	-10	2.9	0.00702	PASS
			VN	-20	3.2	0.00775	PASS
			VN	-30	3.1	0.00751	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	D-HQPSK	MCH	VN	+50	3.3	0.00799	PASS
			VN	+40	1.2	0.00291	PASS
			VN	+30	1.8	0.00436	PASS
			VN	+20	1.8	0.00436	PASS
			VN	+10	2.2	0.00533	PASS
			VN	0	1.5	0.00363	PASS
			VN	-10	1.1	0.00266	PASS
			VN	-20	1.1	0.00266	PASS
			VN	-30	2.0	0.00484	PASS
	π/4-DQPSK	MCH	VN	+50	3.0	0.00726	PASS
			VN	+40	2.5	0.00605	PASS
			VN	+30	2.9	0.00702	PASS
			VN	+20	2.1	0.00508	PASS
			VN	+10	1.5	0.00363	PASS
			VN	0	3.0	0.00726	PASS
			VN	-10	2.1	0.00508	PASS
			VN	-20	2.3	0.00557	PASS
			VN	-30	1.1	0.00266	PASS
UL	FM	MCH	VN	+50	2.9	0.00702	PASS
			VN	+40	3.1	0.00751	PASS
			VN	+30	1.5	0.00363	PASS
			VN	+20	2.0	0.00484	PASS
			VN	+10	2.2	0.00533	PASS
			VN	0	1.8	0.00436	PASS
			VN	-10	3.3	0.00799	PASS
			VN	-20	1.2	0.00291	PASS
			VN	-30	1.8	0.00436	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
UL	DMR	MCH	VN	+50	2.6	0.00629	PASS
			VN	+40	1.7	0.00412	PASS
			VN	+30	1.1	0.00266	PASS
			VN	+20	2.1	0.00508	PASS
			VN	+10	3.0	0.00726	PASS
			VN	0	3.3	0.00799	PASS
			VN	-10	2.0	0.00484	PASS
			VN	-20	3.0	0.00726	PASS
			VN	-30	2.2	0.00533	PASS
	C4FM	MCH	VN	+50	2.5	0.00605	PASS
			VN	+40	1.4	0.00339	PASS
			VN	+30	3.1	0.00751	PASS
			VN	+20	1.6	0.00387	PASS
			VN	+10	1.9	0.00460	PASS
			VN	0	3.0	0.00726	PASS
			VN	-10	2.5	0.00605	PASS
			VN	-20	3.2	0.00775	PASS
			VN	-30	2.3	0.00557	PASS
	D-HQPSK	MCH	VN	+50	1.3	0.00315	PASS
			VN	+40	2.7	0.00654	PASS
			VN	+30	2.0	0.00484	PASS
			VN	+20	1.7	0.00412	PASS
			VN	+10	3.0	0.00726	PASS
			VN	0	1.5	0.00363	PASS
			VN	-10	2.6	0.00629	PASS
			VN	-20	1.7	0.00412	PASS
			VN	-30	1.1	0.00266	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
UL	π/4-DQPSK	MCH	VN	+50	1.8	0.00436	PASS
			VN	+40	2.1	0.00508	PASS
			VN	+30	2.2	0.00533	PASS
			VN	+20	2.2	0.00533	PASS
			VN	+10	2.4	0.00581	PASS
			VN	0	1.8	0.00436	PASS
			VN	-10	1.9	0.00460	PASS
			VN	-20	2.7	0.00654	PASS
			VN	-30	1.4	0.00339	PASS



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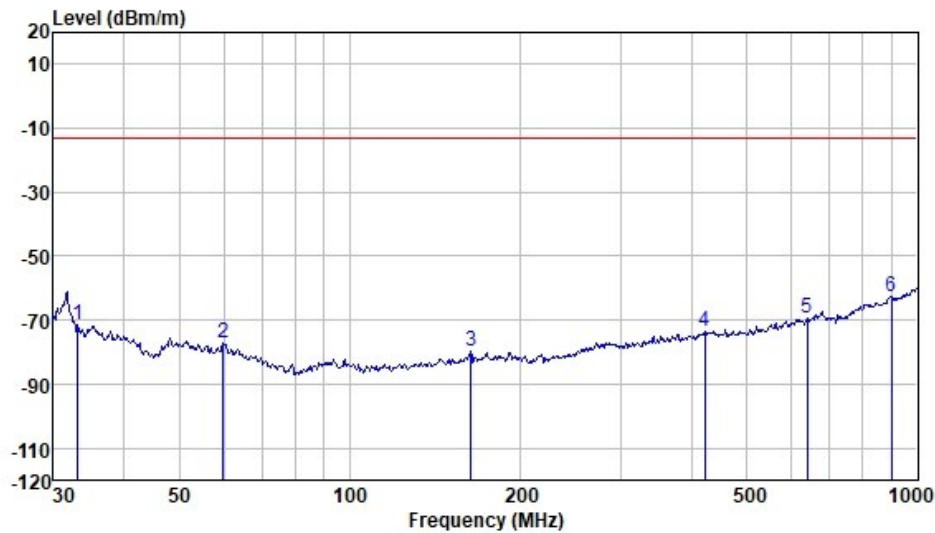
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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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10 Radiated Spurious emissions below 1GHz

Radiated Spurious emissions

DL_CW_MCH_30MHz-1GHz_Horizontal



	Freq	Read	Correction	Limit	Over	
	MHz	Level	Factor	Line	Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	
1	33.09	-74.38	3.07	-71.31	-13.00	-58.31 HORIZONTAL
2	59.65	-74.71	-2.49	-77.20	-13.00	-64.20 HORIZONTAL
3	163.18	-73.32	-6.35	-79.67	-13.00	-66.67 HORIZONTAL
4	422.06	-73.40	-0.06	-73.46	-13.00	-60.46 HORIZONTAL
5	638.37	-73.05	3.66	-69.39	-13.00	-56.39 HORIZONTAL
6	900.15	-71.99	9.45	-62.54	-13.00	-49.54 HORIZONTAL

Remark:

The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.

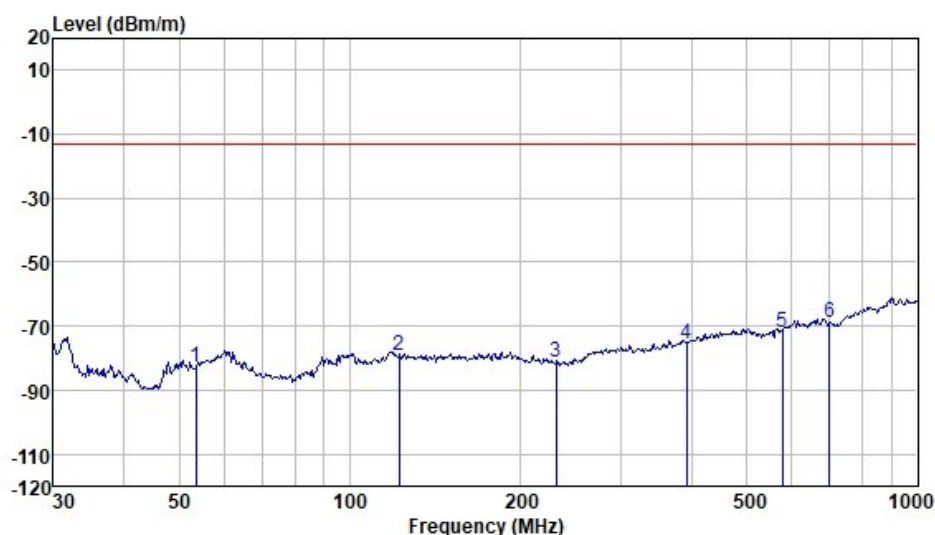


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Radiated Spurious emissions

DL_CW_MCH_30MHz-1GHz_Vertical



	Freq	Read	Correction	Limit	Over	
	MHz	Level	Factor	Line	Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	
1	53.51	-77.52	-5.43	-82.95	-13.00	-69.95 VERTICAL
2	121.98	-75.41	-3.93	-79.34	-13.00	-66.34 VERTICAL
3	230.91	-74.95	-6.39	-81.34	-13.00	-68.34 VERTICAL
4	392.10	-74.86	-0.46	-75.32	-13.00	-62.32 VERTICAL
5	578.67	-74.86	3.07	-71.79	-13.00	-58.79 VERTICAL
6	699.30	-73.79	5.16	-68.63	-13.00	-55.63 VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.



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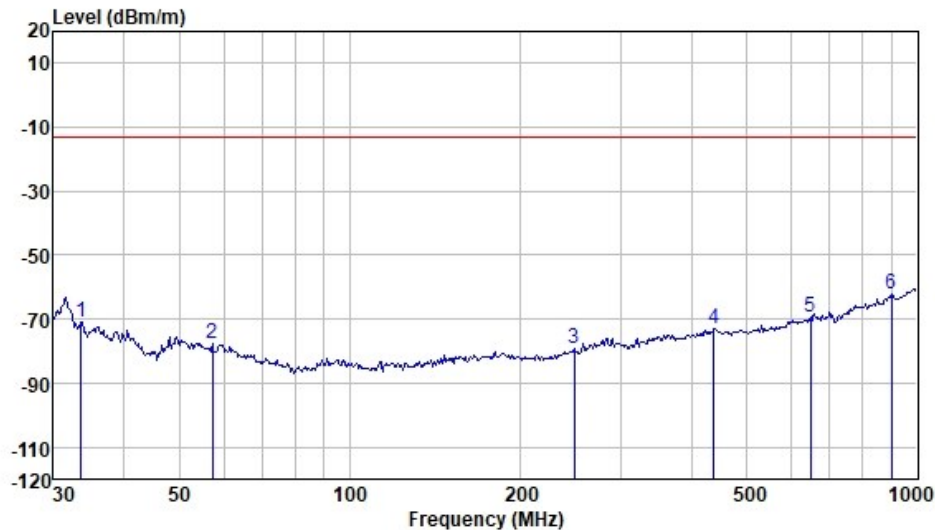
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Guangzhou Branch Testing & Calibration Laboratory

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Radiated Spurious emissions

UL_CW_MCH_30MHz-1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.56	-74.11	3.01	-71.10	-13.00	-58.10	HORIZONTAL
2	57.19	-75.53	-2.28	-77.81	-13.00	-64.81	HORIZONTAL
3	248.55	-73.47	-5.56	-79.03	-13.00	-66.03	HORIZONTAL
4	437.12	-73.32	0.22	-73.10	-13.00	-60.10	HORIZONTAL
5	647.39	-73.00	3.77	-69.23	-13.00	-56.23	HORIZONTAL
6	900.15	-71.73	9.45	-62.28	-13.00	-49.28	HORIZONTAL

Remark:

The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.

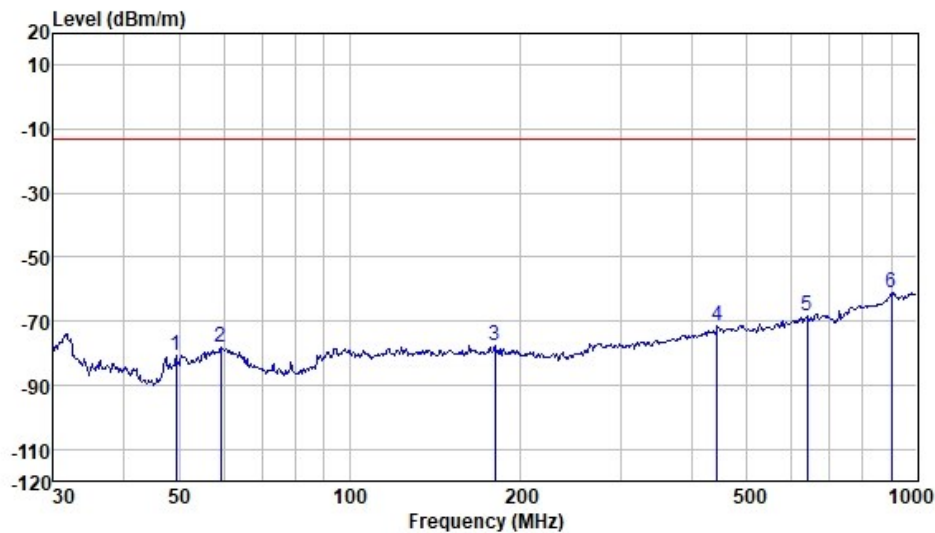


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Radiated Spurious emissions

UL_CW_MCH_30MHz-1GHz_Vertical



	Freq	Read	Correction	Limit	Over	
	MHz	Level	Factor	Line	Limit	Pol/Phase
	MHz	dBm	dB	dBm	dB	
1	49.36	-73.60	-7.38	-80.98	-13.00	-67.98 VERTICAL
2	59.23	-76.01	-2.32	-78.33	-13.00	-65.33 VERTICAL
3	180.02	-73.69	-3.94	-77.63	-13.00	-64.63 VERTICAL
4	443.29	-73.10	1.41	-71.69	-13.00	-58.69 VERTICAL
5	638.37	-72.88	4.62	-68.26	-13.00	-55.26 VERTICAL
6	900.15	-71.65	10.65	-61.00	-13.00	-48.00 VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.



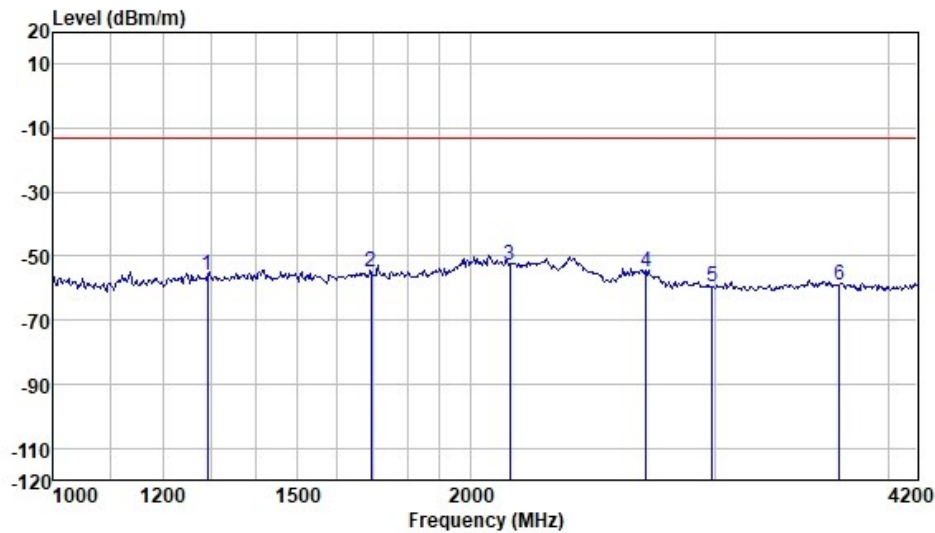
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11 Radiated Spurious emissions above 1GHz

Radiated Spurious emissions

DL_CW_MCH_above 1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1291.04	-60.07	4.02	-56.05	-13.00	-43.05	HORIZONTAL
2	1695.73	-61.45	6.36	-55.09	-13.00	-42.09	HORIZONTAL
3	2133.42	-62.11	9.40	-52.71	-13.00	-39.71	HORIZONTAL
4	2676.39	-59.86	4.73	-55.13	-13.00	-42.13	HORIZONTAL
5	2984.81	-62.17	2.72	-59.45	-13.00	-46.45	HORIZONTAL
6	3691.11	-62.66	3.82	-58.84	-13.00	-45.84	HORIZONTAL

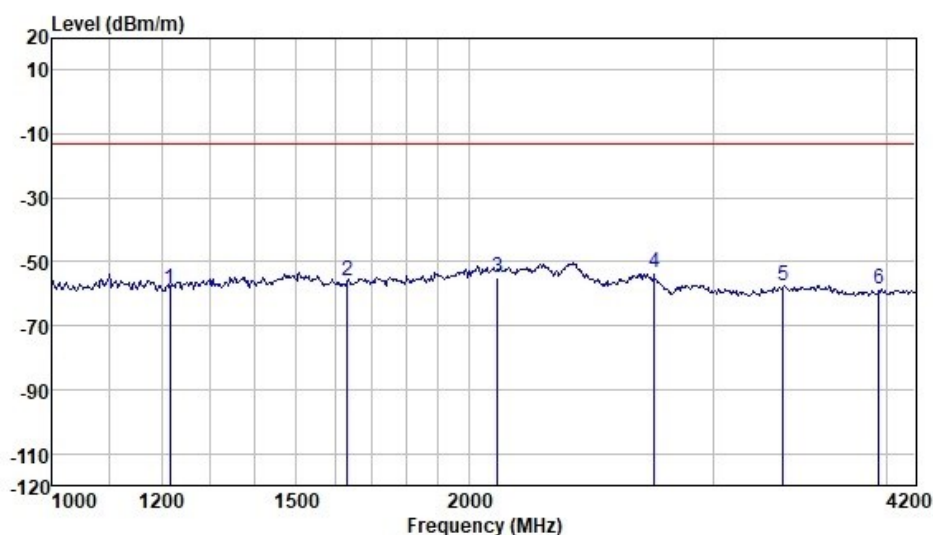


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Radiated Spurious emissions

DL_CW_MCH_above 1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1216.50	-62.03	3.34	-58.69	-30.00	-28.69	HORIZONTAL
2	1632.23	-61.48	5.56	-55.92	-30.00	-25.92	HORIZONTAL
3	2095.56	-64.66	9.56	-55.10	-30.00	-25.10	HORIZONTAL
4	2721.34	-57.47	4.33	-53.14	-30.00	-23.14	HORIZONTAL
5	3370.52	-59.86	2.21	-57.65	-30.00	-27.65	HORIZONTAL
6	3949.08	-61.24	2.81	-58.43	-30.00	-28.43	HORIZONTAL

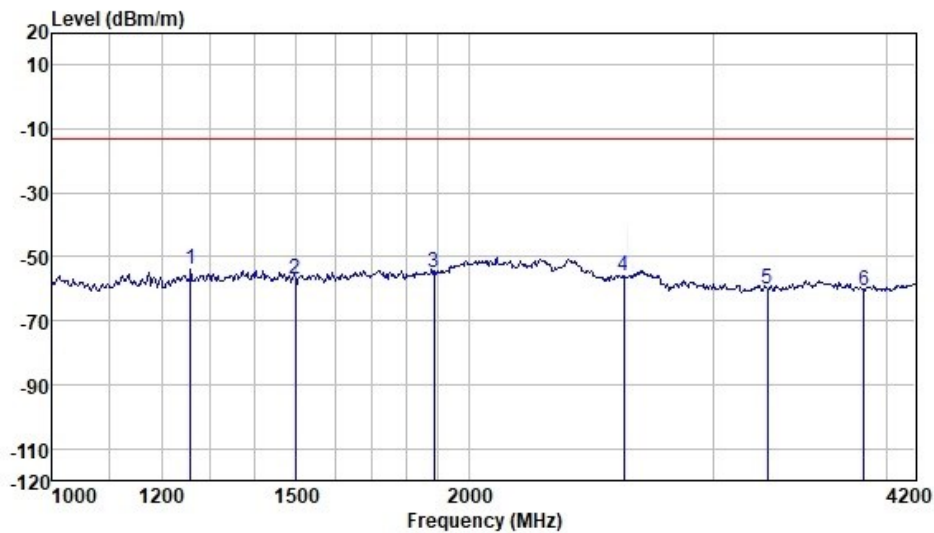


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Radiated Spurious emissions

UL_CW_MCH_above 1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1258.11	-57.93	3.99	-53.94	-13.00	-40.94	HORIZONTAL
2	1498.84	-61.74	4.72	-57.02	-13.00	-44.02	HORIZONTAL
3	1885.72	-61.34	6.34	-55.00	-13.00	-42.00	HORIZONTAL
4	2585.78	-61.89	5.91	-55.98	-13.00	-42.98	HORIZONTAL
5	3281.33	-62.05	2.22	-59.83	-13.00	-46.83	HORIZONTAL
6	3853.49	-63.90	3.10	-60.80	-13.00	-47.80	HORIZONTAL

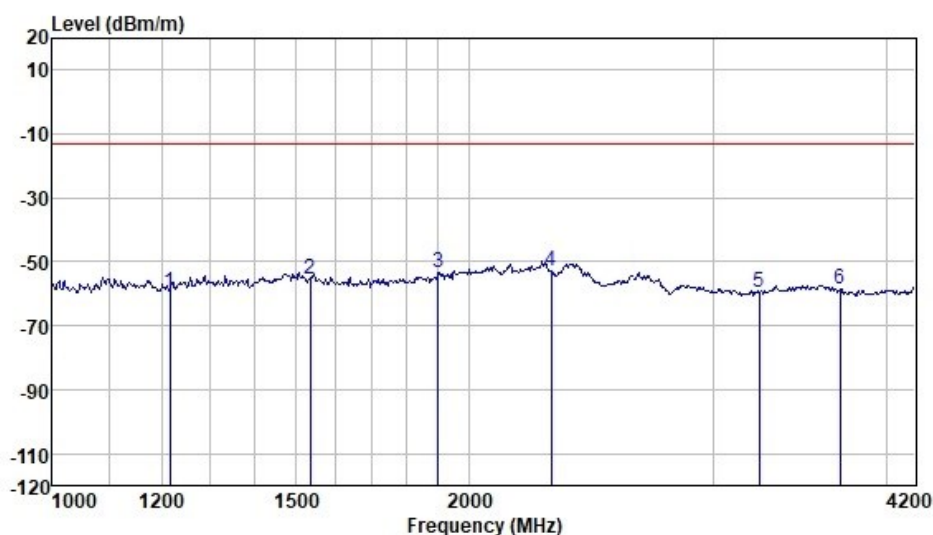


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Radiated Spurious emissions

UL_CW_MCH_above 1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1215.52	-62.69	3.35	-59.34	-13.00	-46.34	VERTICAL
2	1535.86	-61.65	6.35	-55.30	-13.00	-42.30	VERTICAL
3	1899.30	-60.28	6.91	-53.37	-13.00	-40.37	VERTICAL
4	2292.12	-62.53	9.57	-52.96	-13.00	-39.96	VERTICAL
5	3239.23	-62.01	2.70	-59.31	-13.00	-46.31	VERTICAL
6	3707.03	-62.41	3.70	-58.71	-13.00	-45.71	VERTICAL

--End of Appendix--



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